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Del City

Del City has been providing excellent service and world class 12V electrical and transportation supplies to companies just like yours since 1947. We take pride in our credibility, the relationships that we build and our reputation that distinguishes us from our competitors. This catalog is designed to provide you with answers to most of your product questions—but we welcome your comments and suggestions!



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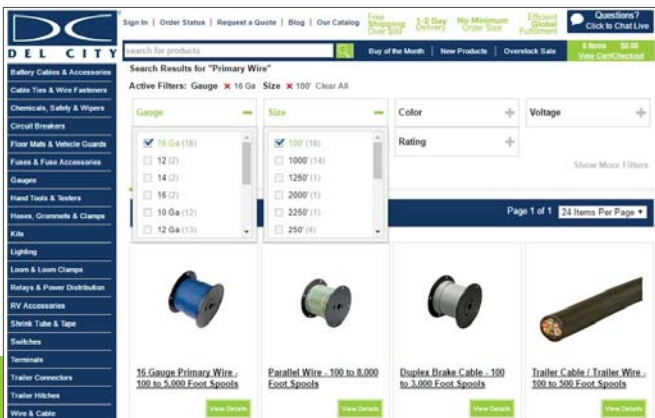


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NEW! Products for Batteries



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NEW! Wire



Triplex/Quadplex
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NEW! Power Management



3/8" Stud
Circuit Breakers
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NEW! Loom



Woven
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NEW! Wire Fasteners



Magnetic Solutions
page 28-30

NEW! ARIES Products



Grille Guards, Running Boards, JEEP Products, Side Bars, Headache Racks, Bull Bars, Mud Flaps & Seat Defenders
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Wire Gauge Guide



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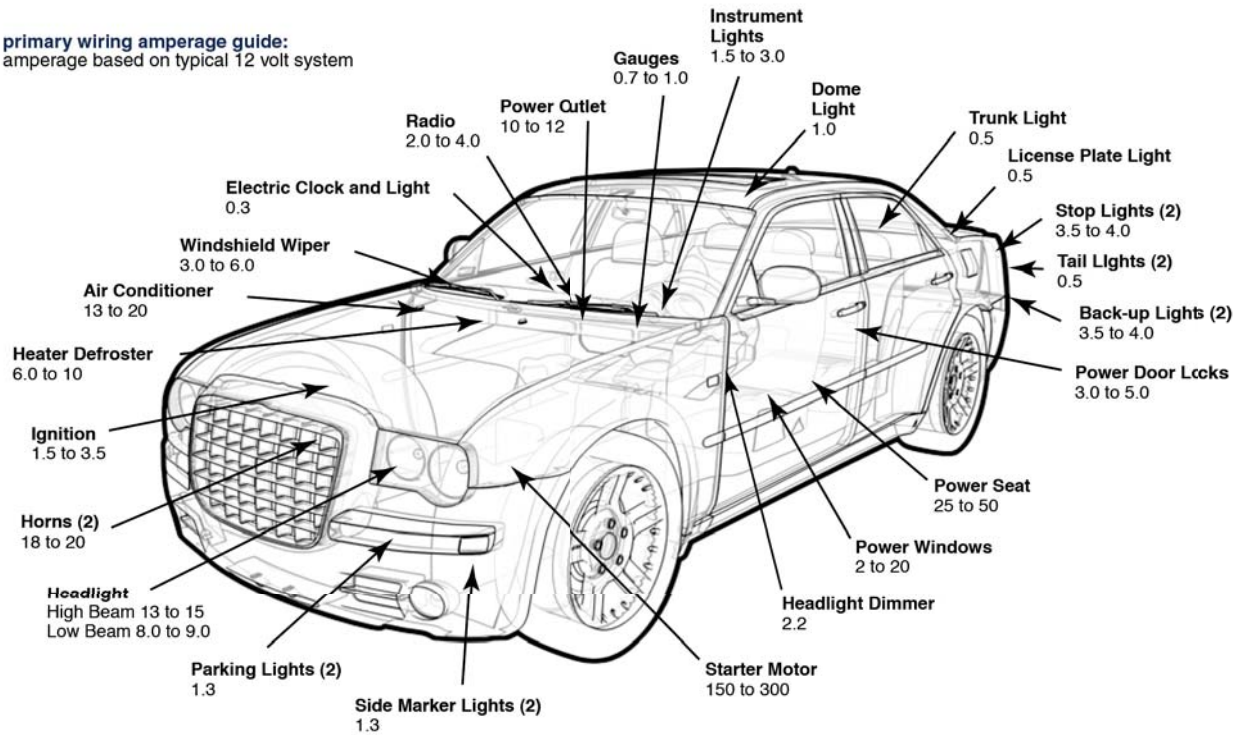
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wire gauge chart

12 volt system		total length of wire in circuit from power supply to accessory									
amp (approx.)	candle power	2.5' gauge	5' gauge	10' gauge	20' gauge	30' gauge	40' gauge	50' gauge	60' gauge	80' gauge	100' gauge
1	6	20	20	20	20	20	20	20	20	20	18
1.5	10	20	20	20	20	20	20	20	20	20	18
2	16	20	20	20	20	20	20	18	18	18	16
3	24	20	20	20	20	20	18	18	16	16	14
4	30	20	20	20	20	18	16	16	16	14	12
5	40	20	20	20	18	18	16	14	14	12	12
6	50	20	20	20	18	16	16	14	14	12	12
7	60	20	20	20	18	16	14	14	12	12	10
8	70	20	20	20	16	16	14	12	12	10	10
10	80	20	20	18	16	14	12	12	12	10	10
11	90	20	20	18	16	14	12	12	10	10	8
12	100	20	20	18	16	14	12	12	10	10	8
15	120	20	20	18	14	12	12	10	10	8	8
18	140	20	20	16	14	12	10	10	8	8	8
20	160	20	18	16	12	12	10	10	8	8	6
22	180	20	18	16	12	10	10	8	8	8	6
24	200	20	18	16	12	10	10	8	8	6	6
36	-	20	16	14	10	8	8	8	6	6	4
50	-	18	16	12	1	8	6	6	4	4	2
100	-	14	12	10	6	4	4	2	2	1	0
150	-	14	10	8	4	2	2	1	0	00	00
200	-	12	8	6	4	2	1	0	00	000	0000

Note: This chart is based on a 10% maximum voltage drop. For 5% voltage drop, use double the measured wire length. When mechanical strength is a factor, use next larger wire gauge.

primary wiring amperage guide:
amperage based on typical 12 volt system



Wire & Cable Comparison

type of wire	gauge range	# of colors	# of conductors	voltage	insulation	temperature
Parallel Wire	18-14	2-4	2-4	50V DC	PVC	90°C (194°F)
Cross-Link TXL	18-12	5	1	60V DC	thin cross-linked polyethylene	-40°C to 125°C (-40°F to 257°F)
Cross-Link GXL	18-10	7	1	60V DC	medium cross-linked polyethylene	-40°C to 125°C (-40°F to 257°F)
Cross-Link SXL	18-10	7	1	60V DC	thicker cross-linked polyethylene	-40°C to 125°C (-40°F to 257°F)
Primary Wire	20-8	14	1	60V DC	PVC	-40°C to 80°C (-40°F to 176°F)
Speaker Wire	18-12	1	2	300V	PVC	-20°C to 60°C (-4°F to 140°F)
Ripcord	18	3	2	300V RMS	PVC	-20°C to 60°C (-4°F to 140°F)
Marine Tinned Copper Wire	18-2	4	1	600V DC	PVC	105°C (Dry) 75°C (Wet) (221°F (Dry) 167°F (Wet))
Marine Tinned Copper Cable	16-10	2-3	2-3	600V DC	PVC	105°C (Dry) 75°C (Wet) (221°F (Dry) 167°F (Wet))
RVI Hook-Up	18-8	7	1	600V DC	thermoplastic	105°C (Dry) 60°C (w/ Moisture) 221°F (Dry) 140°F (w/ Moisture)
Battery Cable	6-4/0	2	1	60V DC	thermoplastic polyvinyl chloride/XLPE	-40°C to 125°C (-40°F to 257°F)
Welding Cable	6-4/0	2	1	600V AC	EPDM	-50°C to 105°C (-58°F to 221°F)
Trailer Cable	16-8	4-7	4-7	50V DC	PVC	-40°C to 85°C.(-40°F to 185°F)
Brake Cable	18-10	1	2-4	50V DC	PVC	-40°C to 105°C.(-40°F to 221°F)
Booster Cable	8-2	3	2	60V DC	TPE or PVC	TPE to 105°C PVC to 80°C (TPE to 221°F PVC to 176°F)
Shielded Wire	18-22	1	2-3	300V DC	PVC	-20°C to 60°C (-4°F to 140°F)
Power Cord SJOOW	18-14	2-4	2-4	300V DC	EPDM	-40°C to 90°C (-40°F to 194°F)
Power Cord SOOW	16-12	2-4	2-4	600V DC	EPDM	-40°C to 90°C (-40°F to 194°F)



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General Use Wire



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Primary Wire

This single-conductor copper stranded polyvinyl chloride (PVC) insulated primary wire is standard for original equipment and replacement applications. Rated to 60V DC. Meets or exceeds SAE J1128 and RoHS. **Please specify color with a 2-digit suffix; see special note box below.**

part no.	ga.	reel size	lbs per spool	spool dia.	01 - red	02 - white	03 - blue	04 - green	05 - black	06 - yellow	07 - brown	08 - gray	09 - purple	10 - orange	11 - pink	12 - tan	13 - lt blue	14 - lt green
11201	20	100'	1	3½"	x	x	x	x	x	x	x	x	x	x	x	x	—	—
11205		500'	4	6½"	x	x	x	x	x	x	x	x	x	x	x	x	—	—
11200		1000'	7	6½"	x	x	x	x	x	x	x	x	x	x	x	x	—	—
11208		6000'	41	15½"	x	x	x	x	x	x	x	x	x	x	x	x	—	—
11181	18	100'	1	3½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11185		500'	5	10½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11180		1000'	7	10½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11187		3000'	27	10½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11188	6000'	58	15½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
11161	16	100'	2	3½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11165		500'	6	6½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11160		1000'	12	6½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11167		2500'	30	10½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11168	5000'	63	15½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
11141	14	100'	2	3½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11145		500'	9	6½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11140		1000'	18	10½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11147		2000'	32	10½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11148	4000'	70	15½"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
11121	12	100'	3	5"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11125		500'	13	6½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11120		1000'	26	10½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11127		1500'	38	10½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11128	4000'	106	15½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—	
11101	10	100'	5	5"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11105		500'	21	10½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11107		1000'	39	10½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11108		3000'	124	15½"	x	x	x	x	x	x	x	x	x	x	x	—	—	—
11081	8	100'	7	6½"	x	x	—	x	x	—	—	—	—	x	—	—	—	—
11087		500'	30	10½"	x	x	—	x	x	—	—	—	—	x	—	—	—	—
11088		1000'	66	15½"	x	x	—	x	x	—	—	—	—	x	—	—	—	—

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

- 01 – red
- 02 – white
- 03 – blue
- 04 – green
- 05 – black
- 06 – yellow
- 07 – brown
- 08 – gray
- 09 – purple
- 10 – orange
- 11 – pink
- 12 – tan
- 13 – lt. blue
- 14 – lt. green

Example: when ordering a 100-ft spool of 20-Ga wire, **11201**, in blue please order **1120103**.

specification guide

SAE size	conductor stranding	wall mils*	nominal O.D.
20 ga	7/0.0126	0.023"	0.084"
18 ga	16/0.010	0.023"	0.094"
16 ga	19/0.0112	0.023"	0.103"
14 ga	19/0.0140	0.023"	0.117"
12 ga	19/0.0177	0.026"	0.142"
10 ga	19/0.0223	0.031"	0.168"
8 ga	19/0.0281	0.037"	0.208"

* wall mils = insulation thickness



2½" plastic spool



Thrifty Spools

Thrifty spools are standard packages of primary wire in graduated lengths so that each spool has the same value and sells for the same price. Meets or exceeds SAE specification J1128. Rated to 60V DC.

part no.	ga.	length	color
8181	18	45 ft	red
8182			white
8183			blue
8184			green
8185			black
8186			yellow
8187			brown
8161	16	35 ft	red
8162			white
8163			blue
8164			green
8165			black
8166	yellow		
8167	brown		
8141	14	25 ft	red
8142			white
8143			blue
8144			green
8145			black
8146			yellow
8147			brown
8121DL	12	15 ft	red
8125			black
8101	10	10 ft	red
8105			black



Standard Color Configurations:

- 2 conductor:
brown-red
- 2 conductor:
black-red
- 3 conductor:
brown-yellow-green
- 4 conductor:
white-brown-yellow-green

General Purpose Parallel Wire

Parallel wire is constructed of standard-wall; polyvinyl chloride (PVC) insulated wires that are extruded in two, three or four side-by-side configurations. Meets SAE specification J1128. Rated to 50V DC.

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.	part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.		
82181DL*		2	100'	2	3½"	83161	16	3	100'	4	6½"		
82183DL*			250'	5	6½"	83163DL			250'	9	6½"		
82185*			500'	10	10½"	83165			500'	18	10½"		
82187*			4000'	70	15½"	83167		2250'	83	11½"			
82188*			8000'	135	15½"	83168		4500'	155	20½"			
▶ 82180**			100'	2	3½"	84161		100'	5	6½"			
▶ 82182DL**			250'	5	6½"	84163		250'	12	10½"			
▶ 82184**			500'	10	10½"	84165		500'	23	10½"			
▶ 82186**			4000'	70	15½"	84167		2000'	89	15½"			
▶ 82189**			8000'	135	15½"	84168		4000'	186	20½"			
83181DL			3	100'	3	3½"		82141*	2	14	100'	4	6½"
83183				250'	7	5"		82143*			250'	9	6½"
83185				500'	13	10½"		82145*			500'	17	10½"
83187				2000'	48	10½"		82147*			2250'	86	11½"
83188DL				4000'	96	15½"		82148*			4500'	172	20½"
84181				100'	4	6½"		▶ 82140**			100'	4	6½"
84183				250'	9	6½"		▶ 82142**		250'	9	6½"	
84185				4	500'	17		10½"		▶ 82144**	500'	17	10½"
84187		2000'			64	11½"	▶ 82146**	2250'		86	11½"		
84188DL		4000'			128	15½"	▶ 82149**	4500'		172	20½"		
82161*		2			100'	3	3½"	83141		3	14	100'	6
82163*				250'	6	6½"	83143	250'				13	6½"
82165*			500'	13	10½"	83145	500'	26	10½"				
82167*			3500'	82	11½"	83147DL	1750'	87	11½"				
82168*			7000'	168	20¾"	83148DL	3500'	174	20½"				
82160**			100'	3	3½"	84141	100'	7	6½"				
▶ 82162**			250'	6	6½"	84143	250'	17	10½"				
▶ 82164**			500'	13	10½"	84145	500'	33	10½"				
▶ 82166**			3500'	82	11½"	84147	2000'	130	11½"				
▶ 82169**			7000'	168	20¾"	84148	4000'	260	20½"				

*brown and red wire
 **black and red wire
 All spool weights (lbs per spool) are approximate.
 ▶ new product line extension



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Ripcord

Ripcord is a type of parallel wire suitable for alarm systems or light extension cords. The PVC insulation is coded for easy identification; Type SPT-1. The plastic insulation is ½" thick. Rated 300V RMS.

part no.	gauge/ conductors	outside diameter	standard spool size	lbs per spool	color	spool diam.
218102	18-2	.112" x .210"	250'	5	white	6½"
218105					black	
218107					brown	
21814002	18-2	.112" x .210"	5000'	101	white	-
21814005					black	
21814007					brown	

Specialty Wire



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Duplex Brake Cable

Duplex brake cable is manufactured with two polyvinyl chloride (PVC) insulated, general purpose primary (GPT) wires laid parallel and covered with a high-quality 30 mil PVC jacket. Internal wire meets SAE J1128 specifications.

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
62181	18	2	100'	3	6½"
62183			250'	7	6½"
62185			500'	14	10½"
62187			1500'	43	15½"
62188			3000'	86	15½"
62161	16	2	100'	4	10½"
62163			250'	9	10½"
62165			500'	18	10½"
62167			1250'	43	10½"
62168			2500'	91	15½"
62141	14	2	100'	5	6½"
62143			250'	11	10½"
62145			500'	25	10½"
62147			1000'	47	10½"
62148			2000'	99	15½"
62121	12	2	100'	7	6½"
62123			250'	18	10½"

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part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
62125	12	2	500'	35	10½"
62127			1000'	68	11½"
62128			2000'	130	15½"
62101	10	2	100'	11	6½"
62103			250'	27	10½"
62105			500'	53	10½"
62107			750'	82	11½"
62108			1000'	164	15½"

specification guide

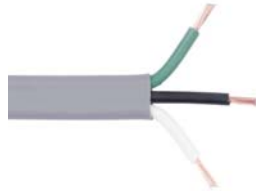
SAE size	conductor stranding	wall mils*	wrap O.D.
18-2	16/010	.023	.150" x .244"
16-2	19/0112	.023	.160" x .262"
14-2	19/0140	.023	.182" x .280"
12-2	19/0177	.026	.200" x .308"
10-2	19/0223	.031	.235" x .410"

* wall mils = insulation thickness



Triplex Brake Cable

Triplex brake cable is three-conductor, PVC jacketed primary wires laid in parallel. The jacket provides protection against weather and acid effects. Color code: white, black, green, with grey outer jacket. Meets or exceeds SAE J1128.



part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
63162	16	3	100'	5	6½"
63164			250'	13	10½"
63165			500'	26	10½"
63163	14	3	1000'	52	15½"
63142			100'	7	6½"
63144			250'	17	10½"
63145			500'	33	10½"
63143			1000'	66	15½"

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
63122	12	3	100'	11	10½"
63124			250'	28	10½"
63125			500'	52	11½"
63123			1000'	106	15½"

specification guide

SAE size	conductor stranding	wall mils*	nominal O.D.
16-3	19/0112	0.023	.160" x .365"
14-3	19/0140	0.023	.177" x .415"
12-3	19/0177	0.026	.208" x .486"

* wall mils = insulation thickness



Quadplex Brake Cable

Quadplex brake cable is four-conductor, PVC jacketed primary wire laid in parallel. The jacket provides protection against weather and acid effects. Color code: white, black, green, red, with grey outer jacket. Meets or exceeds SAE J1128.



part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
64161	16	4	100'	7	6½"
64163			250'	17	10½"
64165			500'	34	10½"
64164			1000'	69	15½"
64141	14	4	100'	10	10½"
64143			250'	21	10½"
64145			500'	43	10½"
64144			1000'	87	15½"

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
64121	12	4	100'	14	10½"
64123			250'	35	10½"
64125			500'	66	11½"
64124			1000'	137	17½"

specification guide

SAE size	conductor stranding	wall mils*	nominal O.D.
16/4	19/0112	0.023	.160" x .468"
14/4	19/0140	0.023	.165" x .524"
12/4	19/0177	0.023	.208" x .634"

* wall mils = insulation thickness



Speaker Wire

Use this wire for clear sound reproduction and optimal audio output. Positive identification with one tinned copper wire and one bare copper wire, with a clear PVC-coated jacket. Rated to 300V.

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
19181	18	2	100'	3	3½"
19185			500'	9	6½"
19180			1000'	17	10½"
19188			5000'	143	15½"
19161	16	2	100'	3	3½"
19165			500'	12	6½"
19160			1000'	23	10½"
19168			5000'	165	15½"

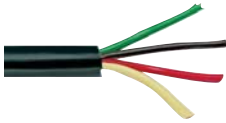
part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
19141	14	2	100'	4	6½"
19145			500'	16	10½"
19140			1000'	31	10½"
19148			6500'	201	15½"
19121	12	2	100'	5	6½"
19125			500'	24	10½"
19128			1000'	49	11½"



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Trailer Cable

Trailer cable is manufactured with four, six or seven polyvinyl chloride (PVC) insulated, general purpose primary (GPT) wires that are covered by a flexible outer PVC jacketing. Rated to 50V DC.

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
91641	16	4	100'	9	10½"
91645			500'	45	15½"
91661			100'	13	10½"
91665	12	6	500'	61	15½"
91261			100'	3	3½"
91265			500'	12	6½"

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
91441	14	4	100'	12	10½"
91445			500'	58	15½"
91461			100'	16	10½"
91465	6	6	500'	80	15½"

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part no.	ga	no. of wires	reel size	lbs per spool	spool dia.
97771DL	6-12 ga / 1-10 ga	7	100'	31	10½"
97775			500'	156	20"
97701	3-12 ga / 4-14 ga		100'	20	10½"
97705			500'	102	15½"
97721	4-12 ga / 2-10 ga / 1-8 ga		100'	33	10½"
97725			500'	165	17½"
9772599*			500'	165	17½"

* lime green jacket - ABS cable

INFORMATION

COLOR CODE

4 Conductor
Yellow, Red, Green, Brown

6 Conductor
Yellow, Red, Green, Brown, Blue, Black

7 Conductor
No. 97701 and 97705
#12 White, Brown, Blue;
#14 Black, Yellow, Red, Green

No. 97771DL and 97775
#10 White
#12 Blue, Brown, Green, Red, Yellow, Black

No. 97721 and 97725
#12 Brown, Black, Yellow, Green
#10 Red, Blue
#8 White w/black jacket

specification guide			
gauge / conductor	conductor / stranding	outer jacket color	approx. diameter
16-4	19 / .0112" BC	black	0.360"
16-6	19 / .0112" BC	black	0.435"
14-4	19 / .0140" BC	black	0.410"
14-6	19 / .0140" BC	black	0.470"
12-6	19 / .0177" BC	black	0.545"
3 #12, 4 #14	19 / .0177" BC 19 / .0140" BC	black	0.500"
1 #10-6 #12	19 / .0281" BC 19 / .0223" BC	black	0.600"
4 #12, 2 #10, 1 #8	19 / .0281" BC 19 / .0223" BC 19 / .0177" BC	black or lime green	0.648"

All spool weights (lbs per spool) are approximate.



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Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

- 01 – red 05 – black
- 02 – white
- 03 – blue
- 04 – green

Example: when ordering a 100-ft spool of 18-Ga Crosslink wire, **38181**, in blue please order **3818103**.

Cross-Link Wire - TXL Wire

TXL wire is a stranded, bare copper, thin wall, special purpose automotive wire insulated with chemically cross-lined polyethylene. Rated to 60V DC. RoHS.

Please specify color with a 2-digit suffix; see Special Note box below.

part no.	ga.	reel size	lbs per spool	spool dia.	part no.	ga.	reel size	lbs per spool	spool dia.
38181	18	100'	1	3½"	38141	14	100'	1	3½"
38185		500'	5	6½"	38145		500'	5	6½"
38187		1000'	9	10½"	38140		1000'	9	10½"
38188		5000'	45	15½"	38148		5000'	45	15½"
38161	16	100'	1	3½"	38121	12	100'	1	3½"
38165		500'	5	6½"	38125		500'	5	6½"
38160		1000'	9	10½"	38127		1000'	9	10½"
38167		5000'	45	15½"	38128		3000'	45	15½"

All spool weights (lbs per spool) are approximate.

specification guide

SAE size	conductor stranding	wall mils*	nominal O.D.	SAE size	conductor stranding	wall mils*	nominal O.D.
18 ga	16/30	0.019"	0.084"	14 ga	19/27	0.016"	0.104"
16 ga	19/29	0.018"	0.093"	12 ga	19/25	0.018"	0.122"

* wall mils = insulation thickness

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

- 01 – red 05 – black
- 02 – white 06 – yellow
- 03 – blue 07 – brown
- 04 – green

Example: when ordering a 100-ft spool of 18-Ga Crosslink wire, **41181**, in blue please order **4118103**.

Cross-Link Wire – GXL Wire

GXL wire is a stranded, bare copper, medium wall thickness, automotive wire manufactured with a chemically cross-linked, polyethylene insulation. Rated to 60V DC. RoHS.

Please specify color with a 2-digit suffix; see Special Note box below.

part no.	ga.	reel size	lbs per spool	spool dia.	part no.	ga.	reel size	lbs per spool	spool dia.
41181	18	100'	1	3½"	41101	10*	100'	5	6½"
41185		500'	5	6½"	41105		500'	22	10½"
41180		1000'	9	10½"	41100		750'	28	10½"
41188		5000'	45	15½"	41108		2500'	98	15½"
41161	16	100'	1	3½"	* Only available in red, white & black.				
41165		500'	5	6½"					
41160		1000'	9	10½"					
41168		5000'	45	15½"					
41141	14	100'	2	3½"					
41145		500'	9	6½"					
41140		1000'	18	10½"					
41148		5000'	90	15½"					
41121	12	100'	3	3½"					
41125		500'	14	10½"					
41120		1000'	26	10½"					
41128		3000'	81	15½"					

All spool weights (lbs per spool) are approximate.

specification guide

SAE size	conductor stranding	wall mils*	nominal O.D.
18 ga	16/30	0.023"	0.093"
16 ga	19/29	0.025"	0.105"
14 ga	19/27	0.023"	0.118"
12 ga	19/25	0.026"	0.138"
10 ga	19/23	0.022"	0.159"

* wall mils = insulation thickness



Shielded Wire

Shielded Wire is made of stranded tinned copper conductors, polyethylene insulation, polyester reinforced tape, and stranded tinned copper drain wire shielding with a PVC jacket. 300V. Meets or exceeds CM to UL 444, RoHS.

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.	part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
62360	18	2	100'	3	6½"	62363	22	2	100'	2	6½"
62361	18	3		4	10½"	62364	22	3		3	6½"
62362	20	2		3	6½"						

specification guide

SAE size	conductor stranding	wall mils*	nominal O.D.	SAE size	conductor stranding	wall mils*	nominal O.D.
18-2	16 x 30	.019"	.222"	22-2	7 x 30	.016"	.175"
18-3	16 x 30	0.018"	0.246"	22-3	7 x 30	0.016"	.199"
20-2	7 x 28	.016"	.204"				



Cross-link-SXL Wire

SXL wire is a stranded, bare copper, thick wall thickness, automotive wire manufactured with a chemically cross-linked, polyethylene insulation. Rated to 60V DC. RoHS. **Please specify color with a 2-digit suffix; see Special Note box below.**

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

- 01 – red 05 – black
- 02 – white 06 – yellow
- 03 – blue 07 – brown
- 04 – green

Example: when ordering a 100-ft spool of 18-Ga Cross-link wire, **37181**, in blue please order **3718103**.

part no.	ga.	reel size	lbs per spool	spool dia.
37181		100'	2	3½"
37185	18	500'	5	6½"
37180		1000'	11	10½"
37187		2500'	26	10½"
37188		5000'	52	15½"
37161	16	100'	2	3½"
37165		500'	7	6½"
37160		1000'	14	10½"
37167		2000'	28	10½"
37168		4000'	54	15½"
37141	14	100'	3	3½"
37145		500'	10	6½"
37140		1000'	20	10½"
37147		1500'	30	10½"
37148		3000'	60	15½"
37121	12*	3000'	81	15½"
37125		100'	5	6½"
37127		500'	22	10½"
37128		750'	28	10½"

All spool weights (lbs per spool) are approximate.

part no.	ga.	reel size	lbs per spool	spool dia.
37101		100'	5	6½"
37105	10**	500'	22	10½"
37107		750'	32	10½"
37108		1500'	64	15½"

* Not available in brown
 ** Only available in: red, white & black

specification guide			
SAE size	conductor / stranding	wall mils*	nominal O.D.
18 ga	16/30	0.031"	.107"
16 ga	19/29	0.033"	.123"
14 ga	19/27	0.037"	.146"
12 ga	19/25	0.039"	.163"
10 ga	19/23	0.033"	.180"

* wall mils = insulation thickness



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RVI Hook-up Wire

RVI wire is a stranded, bare copper, thermoplastic insulated wire moisture resistant and provides added protection against nicks and abrasions. Rated to 600V. Meets UL standards. **Please specify color with a 2-digit suffix; see Special Note box below.**

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

- 01 – red 05 – black
- 02 – white 06 – yellow
- 03 – blue 07 – brown
- 04 – green

Example: when ordering a 100-ft spool of 18-Ga RVI wire, **29181**, in blue please order **2918103**.

part no.	ga.	reel size	lbs per spool	spool dia.
29181		100'	2	3½"
29185	18	500'	6	6½"
29180		1000'	11	6½"
29188		5000'	56	15½"
29161		100'	2	3½"
29165	16	500'	8	6½"
29160		1000'	16	6½"
29167		2000'	29	10½"
29168		4000'	61	15½"
29141	14	100'	3	3½"
29145		500'	10	6½"
29140		1000'	20	10½"
29147		1500'	31	10½"
29148		3500'	77	15½"
29121	12	100'	3	3½"
29125		500'	15	10½"
29127		1000'	29	10½"
29128		3000'	87	17½"

All spool weights (lbs per spool) are approximate.

part no.	ga.	reel size	lbs per spool	spool dia.
29101		100'	5	6½"
29105	10*	500'	22	10½"
29107		1000'	44	10½"
29108		2000'	92	15½"
29081	8*	100'	8	6½"
29087		500'	37	10½"
29088		2000'	148	17½"

* Only available in: red, white & black.

specification guide			
AWG size	conductor / stranding	wall mils*	nominal O.D.
18 ga	16/0.0104	0.030"	.111"
16 ga	26/0.0104	0.030"	.123"
14 ga	41/0.0104	0.030"	.136"
12 ga	65/0.0104	0.030"	.156"
10 ga	104/0.0104	0.030"	.181"
8 ga	168/0.010	0.045"	.249"

* wall mils = insulation thickness

Marine Grade



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Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

01 – red **05** – black
04 – green **11** – pink

Example: when ordering a 100-ft spool of 18-Ga Tinned wire, **47181**, in red please order **4718101**.



Tinned Copper Wire – Marine Grade

Tinned copper wire is manufactured to meet or exceed UL1426, US Coast Guard Charterboat (CRF Title 46), ABYC and CSA TEW standards. Rated to 600V.

Please specify color with a 2-digit suffix; see special note box below.

part no.	ga.	reel size	lbs per spool	spool dia.
47182		35'	0.5	2.88"
47181	18	100'	2	3½"
47185		500'	6	6½"
47162		25'	0.5	2.88"
47161	16	100'	2	3½"
47165		500'	8	6½"
47142		18'	0.5	4"
47141	14	100'	3	3½"
47145		500'	10	6½"
47140		1000'	20	10½"
47122		25'	0.5	4"
47121	12	100'	3	3½"
47125		400'	12	10½"
47120		1000'	30	10½"
47102		25'	1.3	4"
47101	10*	100'	5	6½"
47105		500'	22	10½"
47100		1000'	43	10½"
47082		25'	2	4"
47081	8*	100'	8	6½"
47085		500'	35	10½"
47080		1000'	70	10½"
47062		25'	4	3½"
47061	6*	100'	13	10½"
47065		500'	63	11½"

part no.	ga.	reel size	lbs per spool	spool dia.
47042		25'	5	3½"
47041	4*	100'	19	10½"
47045		500'	91	11½"
47022		25'	7	6½"
47021	2*	100'	28	10½"
47025		400'	112	10½"

* Only available in: red & black.

specification guide

AWG size	conductor / stranding	nominal O.D.
18 ga	16/30	.109"
16 ga	26/30	.125"
14 ga	41/30	.141"
12 ga	65/30	.156"
10 ga	105/30	.219"
8 ga	168/30	.313"
6 ga	266/30	.344"
4 ga	420/30	.406"
2 ga	655/30	.469"



Tinned Copper Cable – Marine Grade

Tinned cable is manufactured to meet UL1426 and ABYC standards. Rated to 600V.

part no.	ga.	no. of wires	reel size	lbs per spool	spool dia.
48361			100'	7	6½"
48363	16		250'	17	10½"
48367			500'	34	11½"
48368		3	1000'	67	15½"
48341			100'	10	10½"
48343	14		250'	23	10½"
48347			500'	45	11½"
48348			1000'	90	15½"
48241			100'	6	6½"
48243			250'	16	10½"
48247	12	2	500'	31	10½"
48248			1000'	64	15½"
48321			100'	12	10½"
48323	12	3	250'	30	10½"
48327			500'	60	11½"
48328			1000'	121	15½"
48301			100'	18	10½"
48303	10	3	250'	45	10½"
48307			500'	86	11½"
48308			1000'	172	15½"

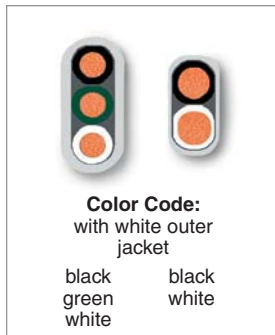
specification guide 3 conductor stranding

AWG size	conductor stranding	wall, mils* cond./JKT.	nominal dimension
16/3	26/0.010	30/0.030"	0.187" x 0.433"
14/3	41/0.010	30/0.030"	0.220" x 0.487"
12/3	65/0.010	30/0.030"	0.230" x 0.528"
10/3	104/0.010	30/0.030"	0.270" x 0.620"

* wall mils = insulation thickness

specification guide 2 conductor stranding

AWG size	conductor stranding	wall, mils* cond./jkt.	nominal dimension
14/2	41/0.010	30/0.030"	0.215" x 0.350"





Battery Cable – Type SGT

Battery cable is manufactured to SAE J-1127 specification. Rated to 60V DC. Please specify color with a 2-digit suffix; see special note box below.

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

01 – red **05** – black

Example: when ordering a 25-ft spool of 6-Ga Battery Cable, **52162**, in red please order **5216201**.

part no.	ga.	length	lbs per spool/coil	spool dia.		
52162	6	25'	3	coil		
52142	4		4			
52122	2		6			
52112	1		8			
52102	1/0		10			
52002	2/0		12			
52302	3/0		15			
52402	4/0		20			
55161	6		100'		12	10½"
55141	4				17	10½"
55121	2	27		10½"		
55111	1	30		10½"		
55101	1/0	39		10½"		
55001	2/0	49		10½"		
55301	3/0	62		10½"		
55401	4/0	82		11½"		
55168	6	500'		58	11½"	
55148	4			83	15½"	
55128	2		127	17½"		

part no.	ga.	length	lbs per spool/coil	spool dia.
55118	1	500'	150	17½"
55108	1/0		198	24"
55008	2/0		236	19½"
55308	3/0		316	23½"
55408	4/0		421	23½"

specification guide

gauge	stranding	nominal O.D.
6	133/0.0137	0.310"
4	133/0.0171	0.375"
2	133/0.0218	0.438"
1	133/0.0243	0.480"
1/0	133/0.0275	0.525"
2/0	133/0.0309	0.575"
3/0	361/0.0210	0.661"
4/0	361/0.0239	0.726"

All spool weights (lbs per spool) are approximate.

suggested ampacity for battery cable

gauge	10-ft	20-ft	30-ft	40-ft	50-ft	60-ft	80-ft	100-ft
6	200	100	50	50	50	36	36–24	24–20
4		200–150	100	100	50	50	50	36
2			200–150	150	100	100	50	50
1				200	150	100	100	50
1/0					200	150	100	100
2/0						200	150	100
3/0							200	150
4/0								200

Battery Cable – Type SGX

Battery cable is manufactured to SAE J-1127 specification. Rated to 60V DC. RoHS. Please specify color with a 2-digit suffix; see special note box below.



Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

01 – red **05** – black

Example: when ordering a 25-ft spool of 6-Ga Battery Cable, **56162**, in red please order **5616201**.

part no.	ga.	length	lbs per spool/coil	spool dia.		
56162	6	25'	3	coil		
56142	4		4			
56122	2		6			
56112	1		8			
56102	1/0		10			
56002	2/0		12			
56302	3/0		16			
56402	4/0		19			
56161	6		100'		11	10 1/2"
56141	4				15	10 1/2"
56121	2	25		10 1/2"		
56111	1	31		10 1/2"		
56101	1/0	38		10 1/2"		
56001	2/0	46		10 1/2"		
56301	3/0	62		10 1/2"		
56401	4/0	76		11 1/2"		
56168	6	500'		54	12"	
56148	4			77	16"	
56128	2		124	16"		

part no.	ga.	length	lbs per spool/coil	spool dia.
56118	1	500'	124	16"
56108	1/0		189	16"
56008	2/0		229	18"
56308	3/0		311	24"
56408	4/0		379	24"

specification guide

gauge	stranding	nominal O.D.
6	7x19/.0137	0.310"
4	7x19/.0170	.0375"
2	7x19/.0218	0.438"
1	7x19/.0243	0.48"
1/0	19x54/.010	0.52"
2/0	19x66/.010	0.56"
3/0	19x85/.010	0.641"
4/0	19x108/.010	0.706"

All spool weights (lbs per spool) are approximate.



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View the inside catalog cover for Prop 65 Warning.

Welding Cable — Class K

Welding cable is manufactured to meet the National Electrical Code article 63 electric welders. Rated to 600V AC.

Please specify color with a 2-digit suffix; see special note box below.

part no.	ga.	length	lbs per spool/coil	spool dia.		
57162	6	25'	3	coil		
57142	4		4			
57122	2		6			
57112	1		8			
57102	1/0		11			
57002	2/0		12			
57302	3/0		16			
57402	4/0		19			
57161	6		100'		13	10½"
57141	4				18	10½"
57121	2	26		10½"		
57111	1	39		10½"		
57101	1/0	47		10½"		
57001	2/0	56		10½"		
57301	3/0	68		10½"		
57401	4/0	85		10½"		
57168	6	500'		56	12½"	
57148	4			77	12½"	
57128	2		122	14¾"		

part no.	ga.	length	lbs per spool/coil	spool dia.
57118	1	500'	159	17¾"
57108	1/0		196	17¾"
57008	2/0		241	24"
57308	3/0		300	24"
57408	4/0		378	24"

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

01 – red 05 – black

Example: when ordering a 25-ft spool of 6-Ga welding cable, **57162**, in red please order **5716201**.

specification guide

gauge	stranding	nominal O.D.
6	7/37/0.010	.320"
4	7/52/0.010	.348"
2	12/52/0.010	.420"
1	12/65/0.010	.503"
1/0	19/52/0.010	.533"
2/0	19/65/0.010	.586"
3/0	19/81/0.010	.625"
4/0	19/106/0.010	.720"

All spool weights (lbs per spool) are approximate.

suggested ampacity for welding cable

gauge	50-ft	75-ft	100-ft	125-ft	150-ft	175-ft	200-ft	225-ft	250-ft	300-ft	350-ft
4	100	100									
2	200	150	100	100							
1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150			100	100		
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/600	450/500	350/400	300	250	200	200	150	150		100



Parallel Booster Cable

Dual booster cable wire with highly conductive 100% copper stranding to maximize current transfer is available in 2, 4, 6 and 8 gauges. 2, 4, 6 gauge meet SAE J1127. 8 ga meets SAE J1128. RoHS

part no.	ga.	size	lbs per spool	color
57650	2	50'	29	red/black
57653	4		21	black/white
57657	6		15	black/orange
57651	2	100'	56	red/black
57654	4		41	black/white
57658	6		29	black/orange
57659	8		19	black/yellow
57652	2	500'	271	red/black
57655	4		196	black/white
57656	4		196	red/black
▶ 57660	4	1000'	413	black/white
▶ 8000399	6	12000'	336	black/orange

▶ new product line extension

specification guide

AWG size	conductor stranding	nominal O.D.
2	7 x 37/26	0.450/0.960"
4	7 x 19/25	0.410/0.880"
6	7 x 19/27	0.360/0.780"
8	30/23	0.320/0.700"



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Painless Performance Universal Harness, 18 Circuits

This harness includes circuits for: accessory, brake lights, charging, electric choke, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. Harness also includes wires for: fuel gauge, oil gauge, tachometer, temperature gauge and voltmeter.

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55060	18	8	blade & Maxi	universal	grommet	universal	printed on wire	in-dash



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55061

Painless Performance Universal Harness, 21 Circuits

Included with these harnesses are the following parts: a GM engineered fuse block and mounting bracket, GM turn signal connectors, pre-wired plugs for the headlights and dimmer switch and each wire is printed with the circuit identification as well as using GM color codes for easy installation. These harnesses include circuits for: A/C and heat, accessory/cigarette lighter, backup lights, brake lights, charging, dome light, electric choke, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. Harness also includes wires for: fuel gauge, oil gauge, tachometer, temperature gauge, voltmeter.

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55061	21	12	blade	universal	grommet	GM	printed on wire	GM
55062	21	12	blade & Maxi	universal	grommet	GM	printed on wire	in-dash



View the inside catalog cover for Prop 65 Warning.



Painless Performance Universal Harness, 28 Circuits

Included with these harnesses are the following parts: a GM engineered fuse block and mounting bracket, GM turn signal connectors, pre-wired plugs for the headlights and dimmer switch and each wire is printed with the circuit identification as well as using GM color codes for easy installation. These harnesses include circuits for: A/C and heat, accessory/cigarette lighter, accessory/trunk light, backup lights, brake lights, charging, cruise control, dome light, electric choke, electric fuel pump, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, power antenna, power door locks, power windows, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. Harness also includes wires for: fuel gauge, oil gauge, speakers, tachometer, temperature gauge and voltmeter.

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55063	28	18	blade & Maxi	universal	grommet	GM	printed on wire	GM
55064	28	18	blade & Maxi	universal	grommet	GM	printed on wire	in-dash



55065

Painless Performance Trunk Mount Harness, 21 Circuits

This harness includes circuits for: A/C and heat, accessory, backup lights, brake lights, charging, dome light, electric choke, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. This harness includes wires for: fuel gauge, oil gauge, tachometer, temperature gauge and voltmeter.

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55065	21	12	blade & Maxi	universal	grommet	universal	printed on wire	GM



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Painless Performance Trunk Mount Harness, 28 Circuits

Included with this harness are the following parts: GM turn signal and column mounted ignition switch connectors, pre-wire plugs for the headlights and dimmer switch, and each wire is custom printed with the circuit identification as well as using GM color codes for easy installation. This harness includes circuits for: A/C and heat, accessory, accessory/cigarette lighter, accessory/trunk light, backup lights, brake lights, charging, cruise control, dome light, electric choke, electric fuel pump, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, power antenna, power door locks, power windows, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. This harness includes wires for: fuel gauge, oil gauge, speakers, tachometer, temperature gauge and voltmeter.



55066

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55066	28	18	blade & Maxi	universal	grommet	universal	printed on wire	GM



Painless Performance Muscle Car Harness, 21 Circuits

Included with this harness are the following parts: GM turn signal and column mounted ignition switch connectors, pre-wired plugs for the headlights and dimmer switch, and each wire is custom printed with the circuit identification as well as using GM color codes for easy installation. This harness includes circuits for: A/C and heat, accessory, backup lights, brake lights, charging, dome light, electric choke, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals, wipers. This harness includes wires for: fuel gauge, oil gauge, tachometer, temperature gauge, voltmeter.



55067

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55067	21	12	blade & Maxi	universal	bulkhead connector	universal	printed on wire	GM



Painless Performance Muscle Car Harness, 28 Circuits

Included with this harness are the following parts: GM turn signal and column mounted ignition switch connectors, pre-wired plugs for the headlights and dimmer switch, and each wire is custom printed with the circuit identification as well as using GM color codes for easy installation. This harness includes circuits for: A/C and heat, accessory, accessory/cigarette lighter, accessory/trunk light, backup lights, brake lights, charging, cruise control, dome light, electric choke, electric fuel pump, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, power antenna, power door locks, power windows, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. This harness also includes wires for: fuel gauge, oil gauge, tachometer, temperature gauge and voltmeter.



55068

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55068	28	18	blade & Maxi	universal	bulkhead connector	universal	printed on wire	GM



Painless Performance Pickup Truck Harness, 21 Circuits

Included with these harnesses are the following parts: a GM engineered fuse block and mounting bracket, GM turn signal connectors, pre-wire plugs for the headlights and dimmer switch, and each wire is custom printed with the circuit identification as well as using GM color codes for easy installation. These harnesses include the circuits for: A/C and heat, accessory/cigarette lighter, backup lights, brake lights, charging, dome light, electric choke, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals, wipers. These harnesses also include wires for: fuel gauge, oil gauge, tachometer, temperature gauge, voltmeter.



55069

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55069	21	12	blade & Maxi	universal	grommet	GM	printed on wire	GM
55070	21	12	blade & Maxi	universal	grommet	GM	printed on wire	in-dash



Painless Performance Pickup Truck Harness, 28 Circuits



55071

Included with these harnesses are the following parts: GM engineered fuse block and mounting bracket, GM turn signal connectors, pre-wired plugs for the headlights and dimmer switch, and each wire is custom printed with the circuit identification as well as using GM color codes for easy installation. These harnesses include circuits for: A/C and heat, accessory, accessory/cigarette lighter, accessory/truck light, backup lights, brake lights, charging, cruise control, dome light, electric choke, electric fuel pump, emergency flashers, fan relay activation power, fused power source, headlights, horn (relay), ignition coil, instrument panel and gauges, park lights, power antenna, power door locks, power windows, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals, wipers. These harnesses includes wires for: fuel gauge, oil gauge, speakers, tachometer, temperature gauge, voltmeter.



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part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55071	28	18	blade & Maxi	universal	grommet	GM	printed on wire	GM
55072	28	18	blade & Maxi	universal	grommet	GM	printed on wire	in-dash



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Painless Performance Weatherproof Harness, 26 Circuits



55073

This harness includes circuits for: A/C and heat, accessory #1 (switched B+), accessory #2 (switched B+), accessory #3 (switched B+), accessory #4 (B+), accessory #5 (B+), accessory #6 (switched B+), accessory/cigarette lighter, brake lights, charging, fan relay activation power, dome light, electric choke, emergency flashers, fused power source, headlights, horn (relay), ignition coil, instrument panel lighting and gauges, park lights, radio/clock (constant and switched), starting, tail lights, third brake light, turn signals and wipers. This harnesses includes wires for: fuel gauge, oil gauge, tachometer, temperature gauge, voltmeter.

part no.	no. of circuits	no. of fuses	fuse type	length	firewall	color code	circuit designations	ignition switch
55073	26	20	mini blade & Maxi	universal	grommet	universal	printed on wire	GM

Power Cords



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Type SJOOW Power Cord

This power cord is UL recognized and CSA listed. Passes CSAFT2 flame test. Rated to 300V.

INFORMATION

COLOR CODE

- 2 Conductor
black, white
- 3 Conductor
black, white, green
- 4 Conductor
black, white, green, red

part no.	ga.	no. of wires	reel size	lbs per spool	nominal O.D.
2183		2	250'	13	0.285"
3183	18	3		16	0.310"
4183		4		19	0.330"
2163		2		16	0.310"
3163	16	3		18	0.330"
4163		4		24	0.357"

part no.	ga.	no. of wires	reel size	lbs per spool	nominal O.D.
2143		2	250'	19	0.340"
3143	14	3		26	0.365"
4143		4		30	0.395"

All spool weights (lbs per spool) are approximate.



Type SOOW Power Cord

This power cord is UL recognized and CSA listed. Passes CSAFT2 flame test. Rated to 600V.

INFORMATION

COLOR CODE

- 2 Conductor
black, white
- 3 Conductor
gray, white, green
- 4 Conductor
black, white, green, red

part no.	ga.	no. of wires	reel size	lbs per spool	nominal O.D.
2165		2	250'	21	0.370"
3165DL	16	3		25	0.390"
4165		4		31	0.415"
2145DL		2		37	0.500"
3145	14	3		43	0.525"
4145		4		52	0.570"

part no.	ga.	no. of wires	reel size	lbs per spool	nominal O.D.
2125		2	250'	47	0.570"
3125DL	12	3		62	0.595"
4125		4		71	0.645"

All spool weights (lbs per spool) are approximate.

MARLNCO® Power Plugs & Receptacles



75550



75552

15A U-blade Cap & Connector Body

The male and female ends feature parallel blades and a "U" ground blade with an adjustable cord grip. Cord hole size is .281" to .625". Rating: 15A @ 125V AC.



75552



75550

part no.	description
75550	male 3 wire cap
75552	female 3 wire body



75553

15A Right Angle Plug

This right angle plug allows you to plug in closer to walls without bending or damaging power cords. Rating: 15A @ 125V AC, 2-pole, 3-wire.



75553

part no.	description
75553	15 amp 3-wire U-blade right angle male plug



75560



75558

30A Locking Plug & Receptacle

NEMA Configuration L15-30P. Devices are clearly marked with amperage, voltage, rating and NEMA. Rating: 30A @ 250V AC, 3-phase, 3-pole, 4-wire.



75558



75560

part no.	description
75558	30 amp NEMA locking receptacle
75560	30 amp NEMA locking plug



20A Locking Plug & Receptacle

NEMA Configuration L5-20P. Rating: 20A @ 125V AC, single-phase, 2-pole, 3-wire.

part no.	description
75554	20 amp NEMA locking receptacle
75556	20 amp NEMA locking plug



75554



75556



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20A Locking Plug, Connector & Receptacle

NEMA Configuration L6-20P. Devices are clearly marked with amperage, voltage, rating and NEMA. Rating: 20A @ 250V AC, single phase, 2-pole, 3-wire.

part no.	description
75581	20 amp NEMA locking plug
75580	20 amp NEMA locking connector
75582	20 amp NEMA locking receptacle



75582



75580



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30A Locking Plug & Connector

NEMA Configuration L6-30P. Devices are clearly marked with amperage, voltage, rating and NEMA. Rating: 30A @ 250V AC, 2-pole, 3-wire.

part no.	description
75587	30 amp NEMA locking plug
75586	30 amp NEMA locking connector



75586



75587



30A Locking Plug, Connector & Receptacle

NEMA Configuration L14-30R and locking plug is L14-30P. Devices are clearly marked with amperage, voltage, rating and NEMA. Rating: 30A @ 125/250V AC, 3-pole, 4-wire.

part no.	description
75584	30 amp NEMA locking plug
75583	30 amp NEMA locking connector
75585	30 amp NEMA locking receptacle



75583



75584



15A Locking Plug & Connector

NEMA Configuration 5-15R. Rating: 15A @ 125V AC, 2-pole, 3-wire.

part no.	description
75589	15 amp NEMA locking plug
75590	15 amp NEMA locking connector



75590



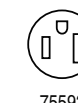
75589



15A Clamp-Lock™ Plug & Connector

Devices are clearly marked with amperage, voltage, rating and NEMA. NEMA Configuration 5-15P. Rating: 15A @ 125V AC, 2-pole, 3-wire.

part no.	description
75592	15 amp NEMA Clamp-Lock™ plug
75593	15 amp NEMA Clamp-Lock™ connector



75593



75592



15A Flanged Inlet

Devices are clearly marked with amperage, voltage, rating and NEMA. Rating: 15A @ 125V AC, 2-pole, 3-wire.

part no.	description
75591	15 amp NEMA flanged outlet



75591



15A IEC 320 Specification-Grade Connectors

10 amps, 250V AC; International. 15 amps, 250V AC; North America. Rating: 15A @ 120V AC, 2-pole, 3-wire.

part no.	description
75588	15A IEC 320 connector

Multi-purpose Cable Ties



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INFORMATION

Melting Point:
265°C (509°F)

Brittleness temperature:
-112°C (-169°F)
at 2% water

Standard Cable Ties

Meets UL94V-2 Flammability Classification. RoHS. Operating temperature: 0°C to 85°C (-32°F to 185°F).

natural nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
972203	4"	.100"	18 lbs	13/16"	100
9722	4"	.100"	18 lbs	13/16"	1000
972603	6"	.140"	45 lbs	1 3/8"	100
9726	6"	.140"	45 lbs	1 3/8"	1000
972803	8"	.170"	75 lbs	2"	100
9728	8"	.170"	75 lbs	2"	1000
973003	11"	.170"	75 lbs	3"	100
9730	11"	.170"	75 lbs	3"	1000
973203	14"	.170"	75 lbs	4"	100
9732	14"	.170"	75 lbs	4"	1000

UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
962303	4"	.100"	18 lbs	13/16"	100
9623	4"	.100"	18 lbs	13/16"	1000
962703	6"	.140"	45 lbs	1 3/8"	100
9627	6"	.140"	45 lbs	1 3/8"	1000
962903	8"	.170"	75 lbs	2"	100
9629	8"	.170"	75 lbs	2"	1000
963103	11"	.170"	75 lbs	3"	100
9631	11"	.170"	75 lbs	3"	1000
963303	14"	.170"	75 lbs	4"	100
9633	14"	.170"	75 lbs	4"	1000



Heavy-duty Cable Ties

Meets UL94-V2 Flammability Classification. Operating temperature: -40°C to 85°C (-40°F to 185°F).

natural nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9734	8"	.350"	120 lbs	2"	100
9736	14 1/2"	.350"	120 lbs	4"	100
9738	18"	.350"	143 lbs	5"	100
9740	21"	.350"	143 lbs	6"	100
9742	30"	.350"	175 lbs	9"	50
9744	36"	.350"	175 lbs	11"	50
9748	48"	.350"	175 lbs	15"	50

UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9635	8"	.350"	120 lbs	2"	100
9637	14 1/2"	.350"	120 lbs	4"	100
9639	18"	.350"	143 lbs	5"	100
9641	21"	.350"	143 lbs	6"	100
9643	30"	.350"	175 lbs	9"	50
9645	36"	.350"	175 lbs	11"	50
9649	48"	.350"	175 lbs	15"	50



Self-Cutting Cable Ties

A small cutting blade integrated into the head of each tie ensures a tight lock and quick, clean cut. Operating temperature: 0°C to 85°C (32°F to 185°F)



natural nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9911	8"	0.163	50 lbs	2"	100
9913	11"			3"	
9915	14"			4"	

UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9910	8"	0.163	50 lbs	2"	100
9912	11"			3"	
9914	14"			4"	



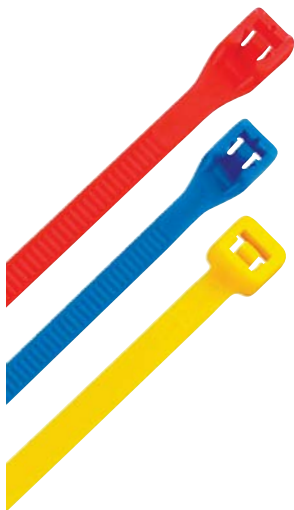
Extreme Temperature Cable Ties

Extreme Temperature Cable Ties are specifically designed to perform in a harsh environment application. Enhanced UV protection and are UL listed for indoor and outdoor applications from -20°C to 85°C (-4°F to 185°F).



UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9900	8"	.18"	50 lbs	2"	100
9902	11"	.18"	50 lbs	3"	100
9904	14"	.18"	50 lbs	4"	100



Standard Colored Cable Ties

Meets UL94V-2 Flammability Classification. Operating temperature: up to 85°C (up to 185°F).

red

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9341	6"	.140"	30 lbs	1 ³ / ₈ "	100
9342	8"	.170"	75 lbs	2"	100
9343	11"	.170"	75 lbs	3"	100
9344	14"	.170"	75 lbs	4"	100

yellow

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9356	6"	.140"	30 lbs	1 ³ / ₈ "	100
9357	8"	.170"	75 lbs	2"	100
9358	11"	.170"	75 lbs	3"	100
9359	14"	.170"	75 lbs	4"	100

green

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9351	6"	.140"	30 lbs	1 ³ / ₈ "	100
9352	8"	.170"	75 lbs	2"	100
9353	11"	.170"	75 lbs	3"	100
9354	14"	.170"	75 lbs	4"	100

blue

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9346	6"	.140"	30 lbs	1 ³ / ₈ "	100
9347	8"	.170"	75 lbs	2"	100
9348	11"	.170"	75 lbs	3"	100
9349	14"	.170"	75 lbs	4"	100

purple

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9371	6"	.140"	30 lbs	1 ³ / ₈ "	100
9372	8"	.170"	75 lbs	2"	100
9373	11"	.170"	75 lbs	3"	100
9374	14"	.170"	75 lbs	4"	100

orange

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9366	6"	.140"	30 lbs	1 ³ / ₈ "	100
9367	8"	.170"	75 lbs	2"	100
9368	11"	.170"	75 lbs	3"	100
9369	14"	.170"	75 lbs	4"	100



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Precision Lock Cable Ties

These cable ties with metal pawl are designed to accurately adjust to precise locking points on the body of the tie. Ideal for use in HVAC and Datacom installations.

natural nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9980	7"	.190"	50 lbs	2"	20
9982	11"	.190"	50 lbs	3"	10

UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9986	7"	.190"	50 lbs	2"	20
9988	11"	.190"	50 lbs	3"	10



Cable Tie Tools

These tools are extremely reliable and easy to use. The tension control on 990080 and 990085 allows adjustments for a range of lightweight ties up to 75 lbs tension setting. The 990080 tightens and cuts the cable tie flush. The 990090 is a tool for heavy-duty cable ties with 120 lbs to 175 lbs tension settings.

part no.	description
990080	economical cable tie tool
990085	standard cable tie tool
990090	heavy-duty cable tie tool



Use With adhesive bases
PAGE 30

Speciality Cable Ties



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Beadle™ Wrap Releasable Cable Ties

Beadle™ Wrap releasable cable ties are reusable ties that easy to use. Conforms to MIL-M-20693B. Temperature rating: -10°C to 85°C (26°F to 185°F).

UV-resistant black

part no.	length	loop tensile strength	min. dia.	max. dia.	pkg. qty.
19015202	8"	70	¼"	2"	15
19015203	8"	70	¼"	2"	40
19015206	12"	70	¼"	3¼"	15
19015207	12"	70	¼"	3¼"	40
19015210	18"	140	½"	5"	10
19015211	18"	140	½"	5"	25
19015213	24"	140	1"	7"	5
19015214	24"	140	1"	7"	20

green

part no.	approx. length	loop tensile strength	min. dia.	max. dia.	pkg. qty.
19015200	8"	70	¼"	2"	15
19015204	12"	70	¼"	3¼"	15
19015208	18"	140	½"	5"	10

yellow

part no.	approx. length	loop tensile strength	min. dia.	max. dia.	pkg. qty.
19015201	8"	70	¼"	2"	15
19015205	12"	70	¼"	3¼"	15
19015209	18"	140	½"	5"	10
19015212	24"	140	1"	7"	5

Releasable Cable Ties

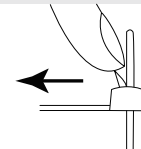
The release feature enables the cable tie to be re-used. For use at temperatures not exceeding 85°C (185°F). Meets UL94V-2 Flammability Classification.

UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9954	7½"	.177"	50 lbs	1¾"	100
9956	11"	.177"	50 lbs	3"	100

INFORMATION

To release, grasp the head of the cable tie, deflect release tab and pull the cable tie away from bundle.



Push-mount Ties

Push-mount cable ties snap quickly into a ¼" hole to attach a bundle to another surface. Recognized under the Component Program of Underwriters Laboratories Inc. for use at temperatures not exceeding 85°C (185°F). Meets UL94V-2 Flammability Classification.

natural nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9852	7"	.197"	40 lbs	1¾"	100

UV-resistant black nylon

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9671	7"	.197"	40 lbs	1¾"	100



Identification Ties

Fasten and identify bundles with these identification ties. Meets UL94V-2 Flammability Classification. For use at temperatures not exceeding 85°C (185°F).

part no.	approx. length	maximum pad size	loop tensile strength	maximum bundle diameter	pkg. qty.
9928	8"	1" x ⅞"	50 lbs	1¾"	100





Specialty Cable Ties

These ties are ideal for attaching instructions or I.D. plates. For use at temperatures not exceeding 85°C (185°F).

bar-lok ladder

part no.	approx. length	approx. width	loop tensile strength	maximum bundle diameter	pkg. qty.
9924	7"	.14"	40 lbs	1¾"	100
9926	11"	.14"	40 lbs	3"	100

beaded non-releasable

part no.	approx. length	loop tensile strength	maximum bundle diameter	pkg. qty.
9920	5"	18 lbs	1¾"	100



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Screw Mount Cable Ties

Molded-in screw hole for securing bundles of wire on virtually any surface that has or can accept a drilled hole. Up to a ¼" screw size can be used, or a comparable rivet size. All mounting tab cable ties are manufactured from durable nylon 6/6. Recognized under the Component Program of Underwriters Laboratories Inc. for use at temperatures not exceeding 85°C (185°F). Meets UL94V-2 Flammability Classification.

standard natural

part no.	approx. length	approx. width	loop tensile strength	max. dia.	screw size	pkg. qty.
9757	6½"	.170"	50 lbs	1¾"	10	100
9758	8"	.170"	50 lbs	2¾"	10	100
9760	11"	.170"	50 lbs	3"	10	100

standard UV-resistant black

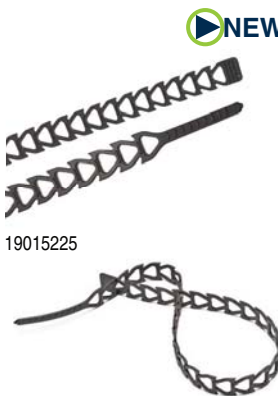
part no.	approx. length	approx. width	loop tensile strength	max. dia.	screw size	pkg. qty.
9651	6½"	.170"	50 lbs	1¾"	10	100
9653	8"	.170"	50 lbs	2"	10	100
9655	11"	.170"	50 lbs	3"	10	100

heavy-duty natural

part no.	approx. length	approx. width	loop tensile strength	max. dia.	screw size	pkg. qty.
9765	15"	.295"	120 lbs	4"	¼"	100
9766	22"	.310"	120 lbs	6"	¼"	100
9767	29"	.310"	120 lbs	8"	¼"	100

heavy-duty UV-resistant black

part no.	approx. length	approx. width	loop tensile strength	max. dia.	screw size	pkg. qty.
9657	15"	.295"	120 lbs	4"	¼"	100
9659	22"	.310"	120 lbs	6"	¼"	100
9661	29"	.310"	120 lbs	8"	¼"	100



NEW!

Reusable Flexible Straps

Features a 12" long strap with finger grips on the end and tail, malleable material that will stretch up to 300%. Thread multiple straps together for greater lengths.

UV-resistant black

part no.	approx. length	min. dia.	max. dia.	pkg. qty.
19015225	12"	¼"	3¼"	12
19015226				24

natural

part no.	approx. length	min. dia.	max. dia.	pkg. qty.
19015227	12"	¼"	3¼"	12
19015228				24

green

part no.	approx. length	min. dia.	max. dia.	pkg. qty.
19015229	12"	¼"	3¼"	12
19015230				24



Stainless Steel Cable Ties

These ties are manufactured from 304 stainless steel and are designed for harsh, corrosive and salt-water environments. Resistant to chemicals, radiation exposure and rated for temperatures up to 300°C (572°F).

part no.	approx. length	approx. width	loop tensile strength	max. dia.	pkg. qty.
9201	6"	.176"	100 lbs	1½"	10
9203	11"	.176"	100 lbs	3¾"	10

Hook & Loop Fasteners



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RIP-TIE
FUZZY CABLE WRAPS®



CableWrap Fasteners

CableWrap fasteners are designed for use with frequently-used cables. RoHS.

part no.	approx. length	approx. width	pkg. qty.
9500	6"	1"	3
9501	9"	1"	3

RIP-TIE
FUZZY CABLE WRAPS®



CinchStrap Fasteners

CinchStrap fasteners with grommets are designed for managing cable bundles inside wiring racks, mobile carts, along walls, or on any other surface. RoHS.

part no.	approx. length	approx. width	pkg. qty.
9510	7"	1"	2
9514	7"	1"	10
9512	10"	1"	2

part no.	approx. length	approx. width	pkg. qty.
9516	10"	1"	10
9517	16"	2"	1

RIP-TIE
FUZZY CABLE WRAPS®



Hook & Loop Fastener Rolls

Rolls of double-sided hook & loop fastener can be cut to any length desired. Hook is 100% Polyethylene, Loop is 100% Nylon. Tested for at least 200 refastenings. RoHS.

part no.	foot per roll	approx. width
9530	15'	½"
9532	75'	½"

part no.	foot per roll	approx. width
9531	15'	¾"
9533	75'	¾"

RIP-TIE
FUZZY CABLE WRAPS®



Plenum Rated Hook & Loop Fastener Rolls

Plenum Rated Rolls of double-sided hook & loop fastener can be cut to any length desired and wrapped around almost anything. Meets the requirements of regulations allowing use for wire and cable management above a hung ceiling or below a raised floor. Polypropylene and Nylon construction is tested for at least 200 refastenings. UL 94-V2 FAR 2.5 853 A/B NEC Section 300-22 © & (D). RoHS.

part no.	foot per roll	approx. width
9534	15'	½"
9535	75'	¾"



Grip Strip™ Cord Organizers

The cinch tab allows the Grip Strip™ to attach to a cable or cord and the Velcro® surface provides adjustment of various bundle sizes.

part no.	approx. length	approx. width	pkg. qty.
9930	8"	.518"	5
9932	11"	.518"	5



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Simplify your installation with magnets.

Premium plastic lasts 20 times longer than Nylon 6/6, and the magnets are manufactured from the world's strongest magnet, neodymium. Operating Temperature: -40°C to 80°C (-40°F to 176°F).



Magnetic Cable Tie Bases

Standard cable tie slot. Mounts rotate 360° allowing for greater flexibility. Plenum and UL rated. Min. qty. 1.

part no.	base size	load rating	color
9001	small 3/4"	16 lbs	black
9002	small 3/4"	16 lbs	white
9003	large 15/16"	26 lbs	black
9004	large 15/16"	26 lbs	white



Mini Magnetic Cable Tie Base

Standard cable tie slot. UL rated. Min. qty. 1.

part no.	base size	load rating	color
9011	9/16" x 9/16"	7 lbs	black



Magnetic Cable Tie Pipe Base

Standard cable tie slot. Designed for use on pipes, tubes, or other round surfaces. Mount rotates 360° allowing for greater flexibility. Flammability Rating: UL 94:HB. Min. qty. 1.

part no.	base size	load rating	color
9019	1" x 7/16"	16 lbs	black



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Magnetic Hook & Loop Strap Base

Fits up to 3/4" hook & loop strap. Mount rotates 360° allowing for greater flexibility. Plenum and UL rated. Min. qty. 1.

part no.	base size	load rating	color
9014	7/8"	16 lbs	black



Magnetic Cable Holders

Mounts rotate 360° allowing for greater flexibility. Plenum and UL rated. Min. qty. 1.

part no.	base size	bundle diameter	load rating	color
9006	3/4"	1/2"	16 lbs	black
9016	3/4"	1/2"	16 lbs	white
9007	3/4"	3/4"	16 lbs	black
9017	3/4"	3/4"	16 lbs	white
9008	15/16"	1"	26 lbs	black
9018	15/16"	1"	26 lbs	white



Magnetic Pipe Cable Holders

Designed for use on pipes, tubes, or other round surfaces. Mounts rotate 360° allowing for greater flexibility. Available in two bundle diameters. Flammability Rating: UL 94:HB. Min. qty. 1.

part no.	base size	bundle diameter	load rating	color
9012	1" x 7/16"	1/2"	16 lbs	black
9013	1" x 7/16"	3/4"	16 lbs	black



Magnetic Cable Clamp

Locks wires or cable up to 1/2" bundle diameter. Add or take out wires as needed. Mount rotates 360° allowing for greater flexibility. Plenum and UL rated.

part no.	base size	load rating	color
9009	15/16"	26 lbs	black



Magnetic Mounts

part no.	type	load rating
9090	screw mount	16 lb
9091	screw mount	22 lb
9092	screw mount	28 lb
9051	1/4-20 thread	90 lb



Magnetic Bases & Mounts Kit

Kit contains three sizes of cable tie mounts, cable holders, hook & loop mounts, and magnetic plates

part no.	type
9050	bases and mounts kit



Magnetic Security Camera Mounting Kit

Contains four 26 lb magnets and hardware for mounting a security camera with no drilling.

part no.	type
9049	security camera mounting kit



Magnetic J-Hooks

Magnet rated at 90 lbs pull strength, J-Hook Rated to 17 lbs pull strength.

part no.	type	size	load rating
9035	top mount	3/4"	17 lb
9036	top mount	1 15/16"	17 lb
9037	top mount	2"	17 lb
9085	side mount	3/4"	17 lb
9086	side mount	1 15/16"	17 lb
9087	side mount	2"	17 lb
9052	hanging tool	-	-



Magnetic Bridle Rings

part no.	type	size	load rating
9042	10-24 thread	3/4"	90 lb
9040	1/4-20 thread	1 1/4"	90 lb
9041	1/4-20 thread	2"	90 lb



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NEW!



Magnetic Plates

Many attachment options: glue, sew, staple, screw, or rivet.

part no.	type	size	load rating
9038	standard	1.2" x 2" Base	26 lb
9039	pivoting	0.9" x 1.77" Base	26 lb

NEW!



Magnetic Panel & Trim Fasteners

part no.	type	size	load rating
9043	panel/trim	small	26 lb
9044	panel/trim	large	26 lb
9054	universal panel	-	

NEW!



EZ Blind Nuts

Use a bolt when access to only one side of a surface is available, such as automotive roof racks, door panels, hoods, and trunks. They hold up to 1,400 pounds and require no specialty tools for installation.

part no.	type
9031	M6 thread
9032	1/4-20 thread

Cable Tie Bases, Clips, & Clamps



Push-mount Bases

Push-mount bases install easily into any 1/4" hole. Meets UL94V-2 Flammability Classification for use at temperatures not exceeding 85°C (185°F). UL.

part no.	base size	screw hole size	color	pkg. qty.
9773	5/16" x 9/16"	1/4"	natural	100
9812	5/16" x 9/16"	1/4"	black	100



4 Way Entry Screw Mount Bases

These mounting bases feature a low-profile for use where height is limited. Meets UL94V-2 Flammability Classification for use at temperatures not exceeding 85°C (185°F). UL.

part no.	base size	screw hole size	color	pkg. qty.
9770	1 1/8" x 1 1/8"	#10	natural	100
9870	1 1/8" x 1 1/8"	#10	black	100



2 Way Entry Screw Mount Bases

These mounting bases feature a narrow and higher design for crowded surface areas. Their deep cradle design provides extra support for large bundles. Meets UL94V-2 Flammability Classification for use at temperatures not exceeding 85°C (185°F). UL.

part no.	base size	screw hole size	color	pkg. qty.
9774	5/8" x 7/8"	1/4"	natural	100
9817	5/8" x 7/8"	1/4"	black	100

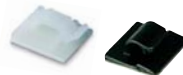


Adhesive Bases

Adhesive bases can be attached to a clean and dry surface of metal, plastic, glass, paper or painted surfaces. A screw or rivet is recommended for extra holding strength against outdoor elements. Meets UL94V-2 Flammability Classification. For use at temperatures not exceeding 85°C (185°F). RoHS

part no.	base size	color	no. of entries	pkg. qty.
9800	1" x 1"	natural	2	100
9801	1" x 1"	black	2	100
9772*	3/4" x 3/4"	natural	4	100
9806*	3/4" x 3/4"	black	4	100
9771	1 1/8" x 1 1/8"	natural	4	100
9871	1 1/8" x 1 1/8"	black	4	100

* adhesive only (no screw hole)



Cord Clips

These nylon 6/6 clips are perfect for wire, cord and cable bundles from 1/8"-3/8". For use at temperatures not exceeding 85°C (185°F).

part no.	wire size	overall height	base size	color	pkg. qty.
9775	1/8" x 1/4"	1/4"	5/8" x 5/8"	natural	100
9776	3/16"	5/16"	5/8" x 5/8"		100
9777	1/4"	3/8"	5/8" x 5/8"		100
9778	3/8"	1/2"	3/4" x 3/4"		100
9824	1/8" x 1/4"	1/4"	5/8" x 5/8"	black	100
9826	3/16"	5/16"	5/8" x 5/8"		100
9827	1/4"	3/8"	5/8" x 5/8"		100
9828	3/8"	1/2"	3/4" x 3/4"		100



Cable Wraptor™

Provide an ideal solution for all of your cord or cable bundling applications.

part no.	size	clamp diameter	max load*
989599	mini	1"	35 lbs
989600	medium	2"	75 lbs
989602	large	3"	100 lbs
989604	x-large	4"	100 lbs
989605	kit	1" - 4"	35 - 100 lbs

* Max load shown is for reference only. Actual sustainable load varies based on application.



Nylon Cable Clamps

These nylon 6/6 clamps are tough, resilient, lightweight and resistant to aging and most chemicals. Mounting hole is 13/64" in diameter. Recognized under the Component Program of Underwriters Laboratories Inc. Meets UL flammability, classification UL94V-2. For use at temperatures not exceeding 85°C (185°F).

part no.	width	suggested clamping diameter	color
2502DL	3/8"	1/8"	black nylon
2503DL		3/16"	
2504DL		1/4"	
▶ 2515		5/16"	
2506		3/8"	
▶ 2517		7/16"	
2508		1/2"	
▶ 25022		1/2"	
▶ 25032DL	3/16"		
▶ 25042DL	1/4"		
▶ 25152	5/16"		
▶ 25062	3/8"		
▶ 25172	7/16"		
▶ 25082	1/2"		
▶ 2519	9/16"		
2510	5/8"		
▶ 2511	11/16"		
2512	3/4"		
▶ 2521	13/16"		
▶ 2522	7/8"		
2516	1"		
▶ 2518	1 1/8"		
▶ 2523	1 1/4"		
2524	1 1/2"		

part no.	width	suggested clamping diameter	color
2402	3/8"	1/8"	natural nylon
2403		3/16"	
2404		1/4"	
▶ 2415		5/16"	
2406		3/8"	
▶ 2417		7/16"	
2408		1/2"	
▶ 24022		1/2"	
▶ 24032	3/16"		
▶ 24042	1/4"		
▶ 24152	5/16"		
▶ 24062	3/8"		
▶ 24172	7/16"		
▶ 24082	1/2"		
▶ 2419	9/16"		
2410	5/8"		
▶ 2411	11/16"		
2412	3/4"		
▶ 2421	13/16"		
▶ 2422	7/8"		
2416	1"		
▶ 2418	1 1/8"		
▶ 2423	1 1/4"		
2424	1 1/2"		

▶ new product line extension
pkg. qty 100



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Nylon U-Clamps

Designed to mount bundled electronic cable, wire harness or wires directly to a chassis or panel. Nylon provides a tough yet lightweight material providing protection from most chemicals.



22308

black nylon

part no.	width	suggested clamping diameter
22304	1/2"	1/4"
22306	1/2"	3/8"
22308	1/2"	1/2"

natural nylon

part no.	width	suggested clamping diameter
22204	1/2"	1/4"
22206	1/2"	3/8"
22208	1/2"	1/2"

pkg. qty 100

Body Clips

These body clips are made from heat-treated spring steel and feature a black corrosion-resistant finish. Simply snap in place to securely hold wires, cables and hoses.



9610

9620



.290" approx. size

small body clip



.470" approx. size

medium body clip



.570" approx. size

large body clip

plastic coated tongue

part no.	size	pkg. qty.
9610	small 1/8"	100
9611	medium 3/16"	100
9612	large 1/4"	100

plain tongue

part no.	size	pkg. qty.
9620	small 1/8"	100
9621	medium 3/16"	100
9622	large 1/4"	100

Mechanics Wire

Mechanics wire is a 19-gauge soft annealed steel wire that can be easily bent, molded or configured and is designed for use in emergency or temporary-fix situations.



part no.	description	reel size
12202200	mechanics wire	50'

Split Loom



Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.



Material Specifications

Material
Polyethylene

Standard Color
Black

Operating Range
-40°C to 93°C
(-40°F to 200°F)

Split Loom (High Rise Ridge)

Convulsed split loom is one of the most popular conduits for holding groups of wires in position and protecting them against abrasion or crushing. All split loom marked with an asterisk (*) can be shipped LTL FREIGHT ONLY. Temperature range: -40°C to 93°C (-40°F to 200°F). RoHS

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
783	1/4"	100'	3	1828*	5/8"	5,500'	154
1783		250'	6	789	3/4"	50'	3
1923		3,200'	27	1789		150'	9
1823*		25,000'	168	1929		550'	23
784	3/8"	100'	3	1829*		4,200'	155
1784		250'	8	▶ 1791	7/8"	75'	6
1924		1,900'	29	▶ 1931		400'	25
1824*		15,000'	161	1790		75'	8
▶ 785	7/16"	100'	2	▶ 1930	1"	300'	22
▶ 1785		250'	6	▶ 1830*		2,250'	146
▶ 1925		1,500'	25	▶ 1933	1 1/8"	250'	25
786	1/2"	100'	4	▶ 1932		250'	24
1786		250'	8	▶ 1831*	1 1/4"	1,800'	148
1926		1,100'	29	▶ 1934		150'	12
1826*		8,500'	187	▶ 1833*	1 1/2"	1,000'	122
788	5/8"	100'	4	▶ 1936		100'	8
1788		250'	10	▶ 1836*	2"	800'	141
1928		800'	27	▶ 1838*	2 1/2"	500'	131

▶ new product line extension



Material Specifications

Material
High Temperature Heat Stabilized Nylon

Standard Color
Black with Gray Stripe

Operating Range
-40°C to 149°C
(-40°F to 300°F)

High-temperature Split Loom (High Rise Ridge)

High-temperature loom is distinctly marked with a gray stripe running the entire length. Temperature range: -40°C to 149°C (-40°F to 300°F). All convulsed loom marked by an asterisk (*) can be shipped LTL FREIGHT ONLY. RoHS

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
773	1/4"	100'	2	1778	5/8"	250'	10
1773		250'	6	1908		800'	21
1903		3,200'	29	1808*		5,500'	166
1803*		28,000'	178	779		50'	3
774	3/8"	100'	3	▶ 1779	3/4"	150'	9
1774		250'	8	▶ 1909		550'	28
1904		1,900'	27	▶ 1809*		4,200'	155
1804*		15,000'	168	▶ 1781	7/8"	75'	6
▶ 775	7/16"	100'	2	▶ 1911		400'	25
▶ 1775		250'	6	▶ 1780		75'	3.5
▶ 1905		1,500'	25	▶ 1910	1"	300'	8
776	1/2"	100'	4	▶ 1810*		2,250'	142
1776		250'	8	▶ 1901	1 1/4"	250'	25
1906		1,100'	27	▶ 1811*		1,800'	175
1806*		8,500'	188	▶ 1902	1 1/2"	150'	25
778	5/8"	100'	4				

▶ new product line extension
#1811 is special order; non-stock

Loom Insertion Tool

Perfect for repetitive applications. **For complete listing of kit components, see page 372.**

part no.	I.D. size	part no.	I.D. size
909900	loom insertion tool, 1/4"-7/16"	909915	loom insertion tool, 1"-1 1/4"
909905	loom insertion tool, 1/2"-5/8"	909920	loom insertion tool kit, 1/4" - 1 1/4"
909910	loom insertion tool, 3/4"-7/8"		



Packaging Options



700 Part Number Series
100-75-50 Ft. Box
3.5' x 20' x 19.5"
can be shipped UPS



1700 Part Number Series
250-150-75 Ft. Box
8' x 25' x 24"
can be shipped UPS



1900 Part Number Series
Prepackaged Box
21' x 21' x 23"
can be shipped UPS
(UPS dimensional up-charge applies)



1800 Part Number Series
Gaylord Box
shipped LTL Freight Only



Material Specifications

Material
Flame Retardant Polypropylene

Standard Color
Black with Blue Stripe

Operating Range
-40°C to 135°C
(-40°F to 275°F)

Flame Retardant Split Loom (High Rise Ridge)

Meets UL94V-2 rating for flame retardance. Polypropylene loom is marked with a blue stripe running the entire length. Temperature range: -40°C to 135°C (-40°F to 275°F). All convoluted loom marked by an asterisk (*) can be shipped LTL FREIGHT ONLY. RoHS.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
763	1/4"	100'	3	768	5/8"	100'	4
1763		250'	6	1768		250'	10
1913		3,200'	29	1918		750'	20
1813*		25,000'	170	1818*		5,500'	168
764	3/8"	100'	3	769	3/4"	50'	3
1764		250'	8	1769		150'	9
1914		1,800'	25	1919		500'	28
1814*		15,000'	168	1819*		4,200'	150
▶ 765	7/16"	100'	2	▶ 1771	7/8"	75'	6
▶ 1765		250'	6	▶ 1921		400'	25
▶ 1915		1,400'	25	1770		75'	4
766	1/2"	100'	4	1920	1"	300'	8
1766		250'	8	1820*		2,250'	142
1916		1,100'	27	▶ 1922	1 1/4"	200'	25
1816*		8,000'	187	▶ new product line extension			



Material Specifications

Material
High Temperature Heat Stabilized Nylon with UV Inhibitor

Standard Color
Black with Orange Stripe

Operating Range
-40° to 149° C
(-40° to 300° F)

UV Resistant High-temperature Split Loom (High Rise Ridge)

UV resistant high-temp split loom is a high-temperature sleeving with added UV stabilizer that protects wires and cables against abrasion or crushing, and has a heat resistance range up to 149°C (300°F). UV Resistant High-Temperature Split Loom is distinctly marked with an orange stripe running the entire length. Temperature Range: -40°C to 149°C (-40°F to 300°F). RoHS.

part no.	I.D.	foot per box	approx lbs per box	part no.	I.D.	foot per box	approx lbs per box
743	1/4"	100'	2	748	5/8"	100'	4
1743		250'	6	1748		250'	10
1943		3,200'	29	1948		800'	21
744	3/8"	100'	3	749	3/4"	50'	3
1744		250'	8	1749		150'	9
1944		1,900'	27	1949		500'	28
746	1/2"	100'	4	1750	1"	75'	3.5
1746		250'	8	1950		300'	8
1946		1,100'	27	1952	1 1/4"	250'	19



Material Specifications

Material
Polyethylene

Standard Color
Red

Operating Range
-40°C to 93°C
(-40°F to 200°F)

Red Split Loom

Red Split loom tubing is standard wire split loom and is commonly used for organizing and protecting wire runs.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
755	1/4"	100'	1	759	5/8"	100'	2
1715		250'	5	1719		250'	9
1973		3,200'	29	1978		800'	21
756	3/8"	100'	1	760	3/4"	50'	1.5
1716		250'	6	1720		150'	8
1974		1,900'	25	1979		550'	20
758	1/2"	100'	2	1723	1"	75'	8
1718		250'	7	1980		300'	17
1976		1,100'	21				

Packaging Options



700 Part Number Series

100-75-50 Ft. Box
3.5' x 20' x 19.5"
can be shipped UPS



1700 Part Number Series

250-150-75 Ft. Box
8' x 25' x 24"
can be shipped UPS



1900 Part Number Series

Prepackaged Box
21' x 21' x 23'
can be shipped UPS
(UPS dimensional up-charge applies)



1800 Part Number Series

Gaylord Box
shipped LTL Freight Only



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Use With
loom clamps
PAGES 46



Specialty Loom



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Spiral-Cut Loom

A spiral-cut in this loom allows wires to stay in place or be pulled out if needed. It is made of low density polyethylene. Temperature rating: -35°C to 73°C (-30°F to 165°F).

part no.	size O.D.	color	foot per box	lbs per box
722DL*	1/4"	natural	100'	2
1722	1/4"		1,000'	12
726*	1/2"		100'	4
1726	1/2"		500'	18

* items shipped on spool

part no.	size O.D.	color	foot per box	lbs per box
622*	1/4"	black	100'	2
1622	1/4"		1,000'	12
626*	1/2"		100'	4
1626	1/2"		500'	18
628*	3/4"		50'	8
1628	3/4"		500'	14

Woven Cotton, Asphalt Coated Fabric Loom

Asphalt coated and constructed of a twisted paper and cotton-polyester blend weave. Temperature rating: 135°C (275°F). SAE J-562A Ford ESBM3L38A, Chrysler MS542, GM 675, 676, 677, 678M, HHT791A, B, C.



part no.	size I.D.	foot per box	lbs per box
701DL	3/16"	100'	2
1701*		2,500'	31
702DL	1/4"	100'	2.5
1702*		2,000'	33
703DL	5/16"	100'	3
1703*		2,000'	44
704DL	3/8"	100'	4.5
1704*		1,000'	31
705DL	7/16"	100'	4.5
1705*		1,000'	35

part no.	size I.D.	foot per box	lbs per box
706DL	1/2"	100'	5.5
1706*		1,000'	40
707DL	9/16"	100'	6
1707*		500'	39
708DL	5/8"	100'	7
1708*		500'	31
709DL	3/4"	100'	9
1709*		250'	39
710DL	7/8"	100'	12
1710*		250'	27

* bulk packaging will contain multiple splices.

Expandable Sleeving



Expandable PET Sleeving

This polyethylene terephthalate sleeving (PET) is an ideal cover for outboard motor cables, marine hoses, trailer chains and harness assemblies. To cut, use a professional heat tool (#990070). The I.D. size is measured at a relaxed state; it expands to 2 times its original size. Manufactured to meet UL, CSA, ABYC and FMVSS 302 requirements. Operating temperature: -70°C to 125°C (-94°F to 257°F). UV Protection. RoHS.

part no.	size I.D.	foot per box	lbs per box
841	1/8"	200'	1
1841		1,000'	4
842	1/4"	200'	1
1842		1,000'	3
843	3/8"	100'	1
1843		500'	3
844	1/2"	100'	1
1844		500'	4
849	5/8"	100'	2
1849		500'	6

part no.	size I.D.	foot per box	lbs per box
845	3/4"	75'	2
1845		250'	3
850	1"	65'	2
1850		125'	5
846	1 1/4"	50'	1
1846		250'	4
847	1 1/2"	50'	1
1847		200'	5
848	1 3/4"	50'	2
1848		200'	6



Flame Retardant Expandable Sleeving

Black with white tracer strands running through for easy identification. Cut and abrasion resistant. Expands up to 150%. Use the expandable tubing hot knife (item #990070) to cut wire loom. Made in the USA. Operating temperature: -70°C to 125°C (-94°F to 257°F). UV protection. Meets UL VW-1, FMVSS 302, MIL-202, CSA, RoHS and ABYC standards.

part no.	size I.D.	foot per box	lbs per box
20841	1/8"	225'	0.35
20842	1/4"	200'	0.83
21842		1,000'	2.40
20843	3/8"	125'	1.06
21843		500'	3.35
20844	1/2"	100'	1.07

part no.	size I.D.	foot per box	lbs per box
21844	1/2"	500'	4.10
20845	3/4"	75'	1.00
20850	1"	65'	1.22
20846	1 1/4"	50'	1.15
20847	1 1/2"	40'	1.13



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Clean Cut Expandable Sleeving

The fray-resistant properties allow frequent expansion at the cut-end without unraveling. Increased braid density for fuller coverage. Cut and abrasion resistant. UV Protection. Operating temperature: -70°C to 125°C (-94°F to 257°F). UL, CSA, ABYC, RoHS approved.

part no.	size I.D.	foot per box	lbs per box
30841	1/8"	100'	1.40
30842	1/4"	100'	0.81
31842		1,000'	5.10
30843	3/8"	100'	1.09
31843		500'	4.44
30844	1/2"	100'	1.17

part no.	size I.D.	foot per box	lbs per box
31844	1/2"	500'	4.60
30845	3/4"	75'	1.18
30850	1"	50'	0.97
30846	1 1/4"	50'	1.13
30847	1 1/2"	50'	1.28



Heavy Wall Expandable Sleeving

The sleeving features 50% thicker filaments and provides **high abrasion resistance (950 Cycles)**. Resists gasoline, solvents, salt water, uv, and engine chemicals. To cut, use a professional heat tool (#990070). Temperature Range: -70°C to 125°C (-94°F to 257°F). Manufactured to meet UL, CSA, ABYC and RoHS requirements.

part no.	size I.D.	foot per box	lbs per box
1500	3/8"	100'	1
11500		500'	4
1501	5/8"	75'	1
11501		250'	3
1502	1"	50'	1
11502		250'	4

part no.	size I.D.	foot per box	lbs per box
1503	1 1/2"	50'	1.5
11503		250'	6.5
1504	2"	50'	2
11504		200'	7
1505	3"	50'	2
1506	4"	50'	2



Super Duty Expandable Sleeving

Heavy-duty and flexible, this sleeving has **very high abrasion resistance (2,500 Cycles)**. Resists gasoline, solvents, salt water, uv, and engine chemicals. To cut, use a professional heat tool (#990070). Temperature Range: -45°C to 150°C (-49°F to 302°F). RoHS.

part no.	size I.D.	foot per box	lbs per box
1510	1/4"	100'	1
1511	1/2"	100'	2
1512	3/4"	50'	1.5
1513	1"	50'	1.5

part no.	size I.D.	foot per box	lbs per box
1514	1 1/4"	50'	1.5
1515	1 3/4"	25'	1
1516	2 1/4"	25'	1.5



Flat Filament Expandable Sleeving

Provides **extremely high abrasion resistance (4,400 Cycles)**. Resists gasoline, salt water, uv, and engine chemicals. To cut, use a professional heat tool (#990070). Temperature Range: -60°C to 150°C (-76°F to 302°F). RoHS.

part no.	size I.D.	foot per box	lbs per box
1530	3/8"	100'	1
1531	1/2"	100'	1.5
1532	3/4"	50'	1
1533	1"	50'	1
1534	1 1/4"	50'	1.5

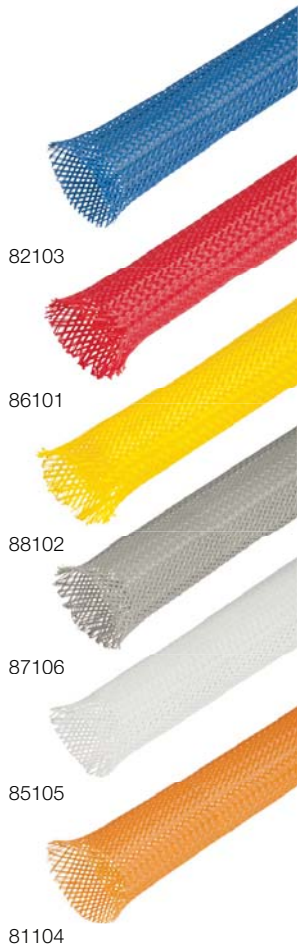
part no.	size I.D.	foot per box	lbs per box
1535	1 1/2"	25'	1
1536	1 3/4"	25'	1
1537	2"	25'	1
1538	3"	25'	2



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82103
86101
88102
87106
85105
81104

Colored Expandable PET Sleeving

Offers the same high-quality construction of black expandable sleeving, 10 mil polyethylene terephthalate (PET) material and expands up to 2 times the I.D. size. To cut, use a professional heat tool (#990070). UV resistant. Operating temperature: -70°C to 125°C (-94°F to 257°F). Manufactured to meet UL, CSA, ABYC and RoHS requirements.

part no.	color	size I.D.	foot per box	lbs per box	part no.	color	size I.D.	foot per box	lbs per box
▶ 82103	blue	1/8"	225'	1	▶ 87106	gray	1/8"	225'	1
▶ 822DL		1/4"	200'	1	▶ 87206		1/4"	200'	1
▶ 82303		3/8"	125'	1	▶ 87306		3/8"	125'	1
▶ 824		1/2"	100'	1	▶ 87406		1/2"	100'	1
▶ 82503		5/8"	100'	1	▶ 87506		5/8"	100'	1
▶ 826		3/4"	75'	2	▶ 87606		3/4"	75'	2
▶ 82703		1"	65'	1	▶ 87706		1"	65'	1
▶ 828		1 1/4"	50'	1	▶ 87806		1 1/4"	50'	1
▶ 82903		1 1/2"	40'	1	▶ 87906		1 1/2"	40'	1
▶ 86101		red	1/8"	225'	1		▶ 85105	white	1/8"
▶ 862	1/4"		200'	1	▶ 85205	1/4"	200'		1
▶ 86301	3/8"		125'	1	▶ 85305DL	3/8"	125'		1
▶ 864	1/2"		100'	1	▶ 85405	1/2"	100'		1
▶ 86501	5/8"		100'	1	▶ 85505	5/8"	100'		1
▶ 866	3/4"		75'	2	▶ 85605	3/4"	75'		2
▶ 86701DL	1"		65'	1	▶ 85705DL	1"	65'		1
▶ 868	1 1/4"		50'	1	▶ 85805	1 1/4"	50'		1
▶ 86901	1 1/2"		40'	1	▶ 85905DL	1 1/2"	40'		1
▶ 88102	yellow		1/8"	225'	1	▶ 81104	orange		1/8"
▶ 882		1/4"	200'	1	▶ 81204	1/4"		200'	1
▶ 88302DL		3/8"	125'	1	▶ 81304	3/8"		125'	1
▶ 884		1/2"	100'	1	▶ 81404	1/2"		100'	1
▶ 88502DL		5/8"	100'	1	▶ 81504	5/8"		100'	1
▶ 886		3/4"	75'	2	▶ 81604	3/4"		75'	2
▶ 88702DL		1"	65'	1	▶ 81704	1"		65'	1
▶ 888		1 1/4"	50'	1	▶ 81804	1 1/4"		50'	1
▶ 88902		1 1/2"	40'	1	▶ 81904	1 1/2"		40'	1

▶ new product line extension



514

Metal Braided Sleeving

Constructed from tinned copper and used for shielding on harnesses and cables, as well as grounding and decoration. Metal Braided Sleeving offers shielding from EMI, RFI, and ESD, as well as extreme blowout protection for hoses. It is resistant to cuts and abrasion and expands for easy installation. Maximum temperature: 232°C (449°F). RoHS.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
▶ 512	1/16"	100'	0.8	▶ 520	1"	50'	6.5
▶ 513	1/8"		1.7	▶ 530	1 1/8"		7.3
▶ 514	1/4"		2.25	▶ 531	1 1/4"		8.6
▶ 515	3/8"		3.33	▶ 532	1 3/8"		8.8
▶ 516	1/2"	50'	1.75	▶ 533	1 1/2"		9.6
▶ 517	5/8"		2	▶ 534	2"		11.7
▶ 518	25/32"		3.75	▶ 535	2 1/4"		12.2
▶ 519	7/8"		5.5				

▶ new product line extension

Stainless Steel Full Coverage Expandable Sleeving

Cuts easily with shears or serrated scissors and is pre-rounded for easy installation. Resists abrasion, chemicals, and UV, and will not rust or discolor. Maximum temperature: 1,454°C (2,650°F) RoHS.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
▶ 522	1/8"	100'	1.6	▶ 526	3/4"	50'	3.5
▶ 523	1/4"		2.25	▶ 527	1"		5
▶ 524	3/8"		2.5	▶ 528	1 1/4"		7.2
▶ 525	1/2"	50'	1.5	▶ 529	1 1/2"		8.7

▶ new product line extension

NEW! Chrome Expandable Sleeving



Chrome Expandable Sleeving is a heavy duty metallized sleeve that is perfect for adding the look of braided stainless steel to any application. Temperature Range: 257°F to -94°F (125°C to -70°C). Resists UV. RoHS

part no.	color	size I.D.	foot per box	lbs per box
32025	silver	¼"	125'	0.7
32031		⅝"	100'	0.7
32050		½"	80'	0.8
32075		¾"	40'	0.7
32125		1¼"	30'	0.7
32150	1½"	25'	0.7	

part no.	color	size I.D.	foot per box	lbs per box
36025	gold	¼"	125'	0.7
36031		⅝"	100'	0.7
36050		½"	80'	0.8
36075		¾"	40'	0.7
36125		1¼"	30'	0.7
36150	1½"	25'	0.7	



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NEW! Rodent Resistant Expandable Sleeving



Rodent Resistant Expandable Sleeving was designed to be repulsive to rodents. Use the expandable tubing hot knife (item no. 990070) to cut sleeving. **Use caution while handling Flexo Rodent Resistant as it may cause skin and/or eye irritation.** Temperature rating: -70°C to 125°C (-94°F to 257°F). UV resistant. RoHS

part no.	size I.D.	foot per box	lbs per box
30150	¼"	200'	0.7800
31150		1,000'	3.9000
30151	⅜"	125'	0.7125
31151		500'	2.8500
30152	½"	100'	0.7700
31152		500'	3.8500
30153	⅝"	100'	0.9500
31153		500'	4.7500
30154	¾"	75'	0.9000
31154		250'	3.0000
30155	1"	65'	0.8710

part no.	size I.D.	foot per box	lbs per box
31155	1"	250'	3.3500
30156	1¼"	50'	1.6750
31156		250'	4.0000
30157	1½"	40'	0.7840
31157		200'	3.9200
30158	1¾"	30'	0.7350
31158		200'	4.9000
30159	2"	50'	1.3000
31159		200'	5.2000
30160	2½"	50'	1.9000
31160		200'	7.6000

NEW! Nylon Expandable Sleeving



Nylon expandable sleeving resists all automotive chemicals and will not rot or retain moisture. It is cut and abrasion resistant, halogen free, economical, and easy to install. Sleeving will expand up to 150%. Operating Temperature: -49°F to 302°F (-45°C to 150°C)

part no.	size I.D.	foot per box	lbs per box
37013	⅛"	225'	1
37025	¼"	200'	1
37038	⅜"	125'	1.3
37050	½"	100'	1.4
37063	⅝"	100'	1.5

part no.	size I.D.	foot per box	lbs per box
37075	¾"	75'	1.5
37010	1"	50'	1.2
37125	1¼"	50'	1.2
37150	1½"	40'	1.4
37020	2"	50'	1.5

Self-Wrap Sleeving

Braided Self-Wrap PET Sleeving



Sleeving self-closes around a group of wires. To cut, use a professional heat tool (#990070). The PET material is halogen free and meets UL 94V-0. Meets UL, CSA, ABYC and RoHS requirements. UV resistant. Temperature range: -70°C to 125°C (-94°F to 257°F)

part no.	size I.D.	foot per box	lbs per box
851	⅛"	100'	1½
▶ 1851		10,000'	20
852	¼"	100'	1½
▶ 1852		3,000'	18
853	⅜"	150'	4
▶ 1853		1,500'	18
854	½"	75'	2
▶ 1854		1,200'	17
855	¾"	50'	2

part no.	size I.D.	foot per box	lbs per box
▶ 1855	¾"	500'	8
856	1"	50'	3
▶ 1856		400'	8
857	1¼"	25'	4
▶ 1857		250'	6
858	1½"	25'	4
▶ 1858		250'	7
▶ 1859	2"	200'	7

▶ new product line extension



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Flame Retardant Braided Self-Wrap Sleeving

Flame Retardant Braided sleeving contains an organic flame inhibitor that imparts self-extinguishing properties. Resists UV. To cut this sleeving, use a professional heat tool (#990070). Temperature Range: -70°C to 125°C (-94°F to 257°F). Melt Point 230°C (446°F). Compliant with CSA, RoHS, UL VW-1 and FAR 25.

part no.	size I.D.	foot per box	lbs per box
20851	1/8"	100'	.5
20852	1/4"	100'	1
20853	3/8"	75'	1

part no.	size I.D.	foot per box	lbs per box
20854	1/2"	75'	1
20855	3/4"	50'	1
20856	1"	50'	1



Orange Braided Self-Wrap PET Sleeving

This is our braided self-wrap PET sleeving in a distinct orange. PET material that is halogen free and meets UL 94V-0, CSA, ABYC, and RoHS. UV resistant. Temperature range: -70°C to 125°C (-94°F to 257°F).



part no.	size I.D.	foot per box	lbs per box
85110	1/8"	100'	1.5
85210	1/4"		1.5
85310	3/8"	75'	2
85410	1/2"		2
85510DL	3/4"	50'	2

part no.	size I.D.	foot per box	lbs per box
85610	1"	50'	3
85710DL	1 1/4"	25'	4
85810DL	1 1/2"		4
85910DL	2"		4



Flat Braided Sleeving

Flat Braided Sleeving is a self-wrappable sleeve used to protect your wire and cable runs in areas where space prevents a typical sleeve. Operating Temperature Range: -45°C to 150°C (-49°F to 302°F). UV resistant. RoHS.



part no.	size I.D.	width	foot per box	lbs per box
50856	1"	1.2"	25'	1.2
50858	1 1/2"	1.6"		1.4

part no.	size I.D.	width	foot per box	lbs per box
50859	1 3/4"	2.0"	25'	1.7
50860	2 1/4"	2.4"		2.0



Braided Welding Wrap, Hook & Loop Closure

Resists damage from UV, gasoline, and engine chemicals while protecting against weld splatter, hot slag, and welding sparks. Can withstand intermittent exposure to temps of 750°F (399°C). Operating Temperature: 400°F to -40° F (204°C to -40°C).



part no.	size I.D.	foot per box	lbs per box
39856	1"	25'	3.6
39858	1-1/2"		4.6

part no.	size I.D.	foot per box	lbs per box
39859	2"	25'	5.6
39860	3"		7.5



Water Repellent, Semi-Rigid Sleeving

Braided from silica yarns with a high temperature coating, this sleeving is an extreme temperature environment solution. Resists damage from UV, gasoline, and engine chemicals while protecting against weld splatter, hot slag, and welding sparks. Can withstand intermittent exposure to temps of 750°F (399°C). Operating Temperature: 400°F to -40° F (204°C to -40°C).



part no.	size I.D.	length	pieces per box
60238	3/8"	8-ft stick	15
60250	1/2"	8-ft stick	12
60275	3/4"	8-ft stick	5

part no.	size I.D.	length	pieces per box
60210	1"	8-ft stick	4
60214	1-1/4"	8-ft stick	3



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Woven Flexible Self-Wrap Loom

Woven flexible self-wrap closes around a group of cables, wires, or cords all by itself. The self-wrap retains its shape and rigidity from -70°C to 125°C (-94°F to 257°F). Meets MIL-I-23053, cut and abrasion resistant. RoHS, CSA, UL approved. UV Resistant.

part no.	size I.D.	approx. wall thickness	foot per box	lbs per box
▶ 829	1/8"	.027"	300'	1.7
830	3/16"		200'	2
▶ 838	1/4"		200'	2.2
835	5/16"		125'	3
831	3/8"		100'	1.5
832	1/2"		75'	1.3

part no.	size I.D.	approx. wall thickness	foot per box	lbs per box
836	5/8"	.027"	75'	4
833	3/4"		50'	1.25
834	1"		50'	1.5
837	1 1/2"		25'	4
▶ 839	1 3/4"		10'	0.5
▶ 860	2"		10'	0.6

▶ new product line extension



Flame Retardant Woven Loom

Flame Retardant Woven Wire Loom has all the same qualities of our standard Woven Wire Loom, with the added advantage of a flame inhibitor to provide an extra level of safety. It is soft and quiet in high vibration environments and is compliant with CSA, RoHS, UL VW-1 and FAR 25. UV Resistant. Temperature Range: -70°C to 125°C (-94°F to 257°F). Melt Point 250°C (482°F).

part no.	size I.D.	foot per box	lbs per box
20830	3/16"	100'	1
20831	3/8"	100'	1.5
20832	1/2"	75'	1.5

part no.	size I.D.	foot per box	lbs per box
20833	3/4"	50'	1.5
20834	1"	50'	1.75



Heavy Duty Woven Nylon Sleeving

Tightly woven nylon material and 45 mil wall thickness protects cables, hoses, and ropes from weather, sunlight and abrasion damage. It deflects high-pressure hose ruptures and provides **very high abrasion resistance - (3,500 cycles)**. Sleeving cuts with a scissors and is resistant to chemicals, UV, rot, snags, and penetration. Temperature range: -45°C to 120°C (-49°F to 248°F). RoHS.

part no.	size I.D.	foot per box	lbs per box
▶ 1527	0.71"	50'	1.6
▶ 1528	0.83"		1.6
▶ 1529	0.92"		2
1540	1"		2
▶ 1541	1.13"		2.4
1542	1.25"		2.5
▶ 1543	1.34"		2.75
1544	1.59"		2.75

part no.	size I.D.	foot per box	lbs per box
1545	1.75"	50'	3
1546	2.07"		3.75
▶ 1547	2.38"		4.5
1548	2.54"		4.5
▶ 1549	2.86"		5.3
▶ 1560	3.34"		3.25
▶ 1561	3.66"		3.4

▶ new product line extension



Heavy Duty Braided Sleeving

This product can provide 50% more wear life than the industry standard hose protection sleeves. Temperature range: -45°C to 120°C (-49°F to 248°F). UL and RoHS compliant.



part no.	size I.D.	foot per box	lbs per box
30854	1/2"	50'	1.6
30865	5/8"		1.6
30855	3/4"		2.0
30866	7/8"		2.3

part no.	size I.D.	foot per box	lbs per box
30856	1"	50'	2.3
30857	1 1/4"		2.9
30858	1 1/2"		2.7
30859	2 3/16"		4.2



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Heat Shrink Loom

Heatshrink Fabric Loom is a unique mixture of polyolefin and polyester yarns and shrinks to 1/2 its original diameter. Shrink temperature is 176°F (80°C). Operating temperature: -40°C to 125°C (-40°F to 257°F). RoHS.

part no.	size I.D.	foot per box	lbs per box	unshrunk diameter	shrunk diameter
1730	1/2"	100'	1.15	12mm (.472")	6mm (.236")
1731	1/2"	25'	0.2875	12mm (.472")	6mm (.236")
1732	3/4"	100'	1.61	20mm (.787")	10mm (.393")
1733	3/4"	25'	0.4025	20mm (.787")	10mm (.393")
1734	1 3/16"	100'	1.6	30mm (1.181")	15mm (.591")
1735	1 3/16"	25'	0.4	30mm (1.181")	15mm (.591")
1736	1 1/2"	100'	1.6	40mm (1.575")	20mm (.787")
1737	1 1/2"	25'	0.4	40mm (1.575")	20mm (.787")



NEW! Thick Wall, Heavy Duty Woven Nylon Sleeving

Made out of a unique 80 mil thick tubular weave design that will withstand up to 13,000 abrasion cycles without wearing the fabric. This product cuts with scissors. ISO 6945 certified. Temperature Range: -45°C to 120°C (-49°F to 248°F). RoHS.



part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
1570	0.75"	50'	2.6	1578	2.19"	50'	6.5
1571	0.93"		3.1	1579	2.63"		7.8
1572	1.13"		3.9	1580	2.88"		9
1573	1.25"		4.1	1581	3.13"		4.9
1574	1.35"		4.4	1582	3.38"		5.4
1575	1.43"		4.5	1583	3.63"		5.8
1576	1.63"		5.1	1584	4.00"		6.2
1577	1.81"		5.7				



Heavy Duty Woven Nylon Sleeving, Hook & Loop Closure

Ideal solution for organizing and controlling wires, cables and hoses that are subjected to constant and extreme use. Provides extremely high abrasion resistance - (8,500 cycles). Temperature Range: -51.1°C to 93.3°C (-60°F to 200°F). UV resistant. RoHS.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
1550	1"	25'	1.5	1555	3"	25'	3
1552	1 1/2"	25'	1.75	1556	3 1/2"	25'	3.25
1553	2"	25'	2	1557	4"	25'	3.5
1554	2 1/2"	25'	2.33	1558	4 1/2"	25'	4



NEW! Reusable, Heavy Duty Woven Sleeving

Made from 1,000 Denier Cordura® with a double coating of proprietary high FR Neoprene. Abrasion resistance up to 13,500 cycles. Protects against UV and salt water damage, and is non-wicking. Temperature range: 40°C to 121°C (-40°F to 250°F). RoHS.



part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
1590	1"	25'	1.9	1595	2 1/2"	25'	3.3
1591	1 1/2"		2.2	1596	3"		3.8
1592	1 3/4"		2.7	1597	3 1/2"		4.2
1593	2"		3	1598	4"		4.6
1594	2 3/8"		3.1	1599	6"		5.9



NEW! Crush Resistant Woven Sleeving

Crush Resistant Woven Sleeving is a flexible conduit made from PET multifilament yarns woven around a PET monofilament. Cut with hot knife (item 990070). Temperature range: -50°C to 150°C (-58°F to 302°F). RoHS.



part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
870	1/4"	100'	2	873	5/8"	50'	3
871	3/8"		3	874	3/4"		4
872	1/2"		4				



High-Temperature Braided Fiberglass Sleeving

Coated with a resin material to deflect or encapsulate hot temperatures from damaging your sensitive wire, harness or hose. Easily cut with a pair of scissors without the ends fraying. Temperature rating: 649°C (1200°F). RoHS and UL rated.

part no.	color	size I.D.	foot per box	lbs per box
642	black	1/4"	50'	1.5
682	silver	1/4"	50'	1.5
643	black	3/8"	50'	3
644	black	1/2"	50'	3
684	silver	1/2"	50'	3
645	black	5/8"	50'	4

part no.	color	size I.D.	foot per box	lbs per box
646	black	3/4"	50'	4
686	silver	3/4"	50'	4
647	black	7/8"	50'	4
648	black	1"	25'	3
688	silver	1"	25'	3
649	black	1 1/2"	25'	3.5



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Tru-Fit Fiberglass, High-Temperature Loom

Its resistance to high heat can either deflect or encapsulate temperatures up to 1200°F to prevent damage to sensitive wires, cables or hoses. Resists fraying when cut with a scissors: no hot knife required. UL VW-1 and RoHS compliant. Made in the USA.

part no.	color	size I.D.	foot per box	lbs per box
613	black	8 ga (0.133")	100'	0.90
614		6 ga (0.166")		1.00
615		4 ga (0.208")		1.10
616		2 ga (0.263")		1.60
▶ 611	black	0 ga (0.330")	50'	1.10
617		3/8"		▶ 1.30
618		1/2"		▶ 1.60
612		5/8"		▶ 2.50
▶ 619		3/4"		▶ 2.50

▶ new product line extension

part no.	color	size I.D.	foot per box	lbs per box
673	natural	8 ga (0.133")	100'	0.90
674		6 ga (0.166")		1.00
675		4 ga (0.208")		1.10
676		2 ga (0.263")		1.60
▶ 671	natural	0 ga (0.330")	50'	▶ 1.10
677		3/8"		▶ 1.30
678		1/2"		▶ 1.60
▶ 672		5/8"		▶ 2.50
679		3/4"		▶ 2.50



Heavy-Duty Fiberglass, High Temp Braided Sleeving

Heavy-Duty Fiberglass, High-Temp Braided Loom is a braided fiberglass sleeving made in a heavy wall construction with a high temp cord braided into the sleeving. RoHS and UL component rated. Temperature range: 648°C (1,200°F).



part no.	size I.D.	foot per box	lbs per box
641	1/2"	50'	4
1641		200'	15
655	3/4"	50'	7
1655		200'	27
656	1"	50'	8.5
1656		200'	34

part no.	size I.D.	foot per box	lbs per box
659	1 1/2"	25'	7
1659		100'	28
657	1 1/4"	25'	5.5
1657		100'	22
658	1 3/8"	25'	6
1658		100'	25



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Silicone Jacketed High-Temp Fiberglass Sleeving

This is the choice of professionals in racing and other industries where protection from constant temperatures approaching 260°C (500°F) is mandatory. Resistant to UV, cuts, abrasion, punctures, gasoline, engine chemicals, and moisture. Available in Black and Red. Temperature Range: -54°C to 260°C (-65°F to 500°F). Melt Point 1,120°C (2,048°F). RoHS.

part no.	color	size I.D.	foot per box	lbs per box
623	red	3/8"	100'	6.5
625	red	1/2"	100'	7.5
627	red	3/4"	50'	5
629	red	1"	50'	6.75

part no.	color	size I.D.	foot per box	lbs per box
693	black	3/8"	100'	6.5
695	black	1/2"	100'	7.5
697	black	3/4"	50'	5
699	black	1"	50'	6.75



Aluminized Fiberglass High-Temperature Tubing

Engineered by laminating an aluminized metallic heat shield to a layer of strong, tightly braided fiberglass insulation. Resists UV, gasoline and engine chemicals, and cuts easily with a scissors. RoHS. Temperature range: -60° to 255°C (-76° to 491°F) Melt point 648°C (1,200°F).

part no.	size I.D.	foot per box	lbs per box
▶ 640	3/8"	100'	1.86
630	1/2"	100'	2.5
▶ 631	5/8"	100'	3
632	3/4"	100'	3.5
▶ 634	7/8"	100'	4.1

part no.	size I.D.	foot per box	lbs per box
635	1"	100'	4.5
636	1 1/4"	100'	5.5
637	1 1/2"	100'	6.25
639	2"	50'	4.5

▶ new product line extension



Aluminized Fiberglass High-Temperature Wrap Sleeve

Resists gasoline, engine chemicals, cuts, and abrasion, and cuts cleanly with a scissors. Available in pre-cut 4 foot lengths. Temperature range:-60° to 255°C (-76° to 491°F) Melt point: 760°C (1,400°F). UV resistant. RoHS.

part no.	size I.D.	length
660	1/4"	4ft stick
661	3/8"	
662	1/2"	
▶ 663	5/8"	
664	3/4"	

part no.	size I.D.	length
665	1"	4ft stick
▶ 666	1 1/4"	
667	1 1/2"	
668	2"	

▶ new product line extension



Aluminized Fiberglass Semi-Rigid Tubing

Made of aluminized fiberglass, these semi-rigid, thick walled 4 ft. sticks are designed to fit over wires or hoses, and bend in any direction needed. Temperature range: -60° to 255°C (-76° to 491°F). Melt point: 648°C (1,200°F). UV resistant. RoHS.



part no.	size I.D.	length	pieces per box
1601	3/8"	4ft stick	30
1602	1/2"		25
1603	5/8"		20
1604	3/4"		15

part no.	size I.D.	length	pieces per box
1605	7/8"	4ft stick	12
1606	1"		9
1607	1 1/4"		6



Ultra-Flex Fiberglass, High-Temperature Loom

Made from continuous filament, E-type glass. The sleeving is typically used in high-temp (up to 1,200°F), low voltage applications. UL and RoHS compliant.



part no.	color	wall type	size I.D.	foot per box	lbs per box	
6112	natural	standard	12 ga (0.085")	100'	1	
6110			10 ga (0.106")		2	
6108			8 ga (0.133")		2	
6106			6 ga (0.166")		2	
6104			4 ga (0.208")		2	
6102			2 ga (0.263")		2	
6100			0 ga (0.330")		50'	2
6125			1/4"		50'	2

part no.	color	wall type	size I.D.	foot per box	lbs per box			
6131	natural	standard	5/16"	50'	2			
6137			3/8"		2			
6144			7/16"		2			
6150			1/2"		2			
6162			5/8"		3			
6175			3/4"		3			
6101			1"		3			
6901			heavy		heavy	1/2"	25'	2
6902						3/4"		4
6903						1"		2
6904	1 1/4"	3						
6905	1 1/2"	3						

▶NEW!



Aluminized Fiberglass Connector Shield

Aluminized fiberglass shields slide over plugs and receptacles and can cut surface heat to a fraction of the unprotected temperature. Temperature range: -60° to 255° C (-76° to 491° F). Maximum temperature: 648°C (1,200°F).

part no.	size I.D.	length	pieces per box
1690	1¼"	3"	10



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▶NEW!



Aluminized Fiberglass Shielding Tape

Aluminized Fiberglass high temperature and EMI/RDI shielding tape features intense heat reflectivity and thermal stability at high temperatures for short periods of time. The tape is made from 1 mil aluminum foil, laminated on 2 mil glass cloth with a silicone adhesive. Temperature range: -60° to 255°C (-76° to 491°F) Maximum temperature: 648°C (1,200°F).

part no.	size I.D.	foot per roll	lbs per roll	part no.	size I.D.	foot per roll	lbs per roll
1691	1"	108 ft	0.5	1694	3"	108 ft	1.59
1692	1½"		0.75	1695	4"		2.12
1693	2"		1.06	1696	6"		3.18



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▶NEW!



Aluminized Fiberglass Flat Sleeve with Adhesive

Its permanent, high temp, adhesive back applies directly to any clean surface, making it the ideal solution for protecting electrical component boxes close to an engine or other heat source. Temperature range: -60° to 255°C (-76° to 491°F) Maximum temperature: 648°C (1,200°F) UV resistant. RoHS.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
1631	1"	100'	5	1635	4"	100'	9
1632	1½"		5.5	1636	5"		11
1633	2"		6	1637	6"	50'	8
1634	3"		8	1638	6 7/8"		9

▶NEW!



Aluminized Fiberglass Wrappable Sleeve with Adhesive

The wrap is designed to fit around existing assemblies and hard to reach components. The adhesive strip will adhere anywhere along the width of the material, which allows you to fit the wrap around odd-shaped connectors and terminations. Temperature range: -60° to 255°C (-76° to 491°F). Maximum temperature: 648°C (1,200°F). UV resistant. RoHS.

part no.	size I.D.	foot per box	lbs per box	part no.	size I.D.	foot per box	lbs per box
1611	½"	100'	3	1616	1¾"	50'	4
1612	¾"		4	1617	2"		4.5
1613	1"		5.5	1618	2¼"		5
1614	1¼"		6				
1615	1½"		7				

▶NEW!



Silver Foil Wrap

Made from a lightweight aerospace material, and it features a fire resistant adhesive. The foil will reflect at least 95% of radiant energy, and has a minimum temperature drop of 400°F across the film in normal operating temperatures. It is made from 14 mil thick foil, and it meets or exceeds FAA 12 second vertical burn requirement. Maximum Continuous Temperature: 1,050°F (566°C).

part no.	width	length	color
928	28"	25-ft	silver

▶NEW!



High-Temp Fiberglass Spark Plug Boot Sleeves

Non-conductive and will not support combustion. Resistant to gasoline and engine chemicals. Continuous Temperature Range: -70°C to 650°C (-94°F to 1,202°F). Melt Point: 1,120°C (2,048°F). CSA, RoHS and UL component rated.

part no.	color	size I.D.	length	part no.	color	size I.D.	length
651	black	¾"	7½"	653	natural	¾"	7½"

High-Temp Fiberglass Wrap

Resistant to cuts, abrasion, gasoline, and engine chemicals. Continuous Temperature Range: -57°C to 649°C (-70°F to 1,200°F). Melt Point: 1,120°C (2,048°F).

part no.	width	length	lbs per spool	part no.	width	length	lbs per spool
620	1"	25-ft	2.625	621	2"	25-ft	4



Colored Acrylic Coated Fiberglass Sleeving

Tightly braided fiberglass sleeving coated with a dielectric acrylic resin for electrical insulation applications. The sleeving has a Grade A acrylic coating, and is rated up to 7,000V. Sleeving cuts cleanly with a scissors. Operating Temperature is rated to NEMA Class F of: -13°F to 311°F (-25°C to 155°C). UL component rated. RoHS.



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part no.	color	size I.D.	foot per box	lbs per box	part no.	color	size I.D.	foot per box	lbs per box
60012	black	12 GA	100'	0.85	64012	natural	12 GA	100'	0.85
60010		10 GA		0.95	64010		10 GA		0.95
60008		8 GA		1.12	64008		8 GA		1.12
60006		6 GA		1.26	64006		6 GA		1.26
60004		4 GA		1.69	64004		4 GA		1.69
60002		2 GA		1.85	64002		2 GA		1.85
60000		0 GA		2.84	64000		0 GA		2.84
60038		3/8"		3.21	64038		3/8"		3.21
60044DL		7/16"		3.25	64044		7/16"		3.25
60050		1/2"		3.95	64050		1/2"		3.95
60063DL	5/8"	5.92	64063	5/8"	5.92				
60075	3/4"	7.83	64075	3/4"	7.83				
60088	7/8"	8.42	64088	7/8"	8.42				
60100	1"	10.14	64100	1"	10.14				
62012	yellow	12 GA	100'	0.85	65012	red	12 GA	100'	0.85
62010		10 GA		0.95	65010		10 GA		0.95
62008		8 GA		1.12	65008		8 GA		1.12
62006		6 GA		1.26	65006		6 GA		1.26
62004		4 GA		1.69	65004		4 GA		1.69
62002		2 GA		1.85	65002		2 GA		1.85
62000		0 GA		2.84	65000		0 GA		2.84
62038		3/8"		3.21	65038		3/8"		3.21
62044		7/16"		3.25	65044		7/16"		3.25
62050		1/2"		3.95	65050		1/2"		3.95
62063	5/8"	5.92	65063	5/8"	5.92				
62075	3/4"	7.83	65075	3/4"	7.83				
62088	7/8"	8.42	65088	7/8"	8.42				
62100	1"	10.14	65100	1"	10.14				



Expandable Tubing Hot Knife

Expandable sleeving should be cut with a hot knife cutting tool or similar heated blade to keep the material fibers together. This bench mount 110V AC tool enables the operator to draw flexible sleeving down across the knife blade under tension. Both hands are then free to seal and flare ends. Must be used in a well ventilated area. Instructions are printed on the tool.

part no.	description
990070	expandable tubing hot knife

Heavy-Duty Serrated Edge Scissors

Serrated, angled shears are ideal for cutting clean cut expandable sleeving, metal braided sleeving, stainless steel expandable sleeving, and other sleeving types. Comfortable, high impact grips and stainless steel blades ensure years of use.

part no.	description
990099	heavy-duty serrated edge scissors



2039-2043

2053



2019-2027

Loom Accessories

Allow user to branch a portion of wires or secure a section of wires to a stationary object. Temperature range: -40°C to 125°C (-40°F to 257°F).

Accessory Clips

part no.	conduit size	sheet metal thickness (mm)
2039	.350"	3.8
2041	.413"/.500"	3.8
2043	.625"	3.8
2053	.750"	3.8

Tees

part no.	conduit size		
	left	center	right
2019	.413"/.500"	.413"/.500"	.413"/.500"
2025DL	.750"	.500"	.750"
2027	.350"	.350"	.413"



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Nylon Cable Clamps

These nylon 6/6 clamps are tough, resilient, lightweight and resistant to aging and most chemicals. Mounting hole is 1¹/₆₄" in diameter. Recognized under the Component Program of Underwriters Laboratories Inc. Meets UL flammability, classification UL94V-2. For use at temperatures not exceeding 85°C (185°F).

part no.	width	suggested clamping diameter	color	
2502DL	3/8"	1/8"	black nylon	
2503DL		3/16"		
2504DL		1/4"		
▶ 2515		5/16"		
2506		3/8"		
▶ 2517		7/16"		
2508		1/2"		
▶ 25022		1/8"		1/2"
▶ 25032DL		3/16"		
▶ 25042DL		1/4"		
▶ 25152	5/16"			
▶ 25062	3/8"			
▶ 25172	7/16"			
▶ 25082	1/2"			
▶ 2519	9/16"			
2510	5/8"			
▶ 2511	11/16"			
2512	3/4"			
▶ 2521	13/16"			
▶ 2522	7/8"			
2516	1"			
▶ 2518	1 1/8"			
▶ 2523	1 1/4"			
2524	1 1/2"			

part no.	width	suggested clamping diameter	color	
2402	3/8"	1/8"	natural nylon	
2403		3/16"		
2404		1/4"		
▶ 2415		5/16"		
2406		3/8"		
▶ 2417		7/16"		
2408		1/2"		
▶ 24022		1/8"		1/2"
▶ 24032		3/16"		
▶ 24042		1/4"		
▶ 24152	5/16"			
▶ 24062	3/8"			
▶ 24172	7/16"			
▶ 24082	1/2"			
▶ 2419	9/16"			
2410	5/8"			
▶ 2411	11/16"			
2412	3/4"			
▶ 2421	13/16"			
▶ 2422	7/8"			
2416	1"			
▶ 2418	1 1/8"			
▶ 2423	1 1/4"			
2424	1 1/2"			

pkg. qty 100
▶ new product line extension



Nylon U-Clamps

Designed to mount bundled electronic cable, wire harness or wires directly to a chassis or panel. Nylon provides a tough yet lightweight material providing protection from most chemicals.



22308

part no.	width	suggested clamping diameter	color
22304	1/2"	1/4"	black nylon
22306	1/2"	3/8"	
22308	1/2"	1/2"	

pkg. qty 100

part no.	width	suggested clamping diameter	color
22204	1/2"	1/4"	natural nylon
22206	1/2"	3/8"	
22208	1/2"	1/2"	



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Loom Clamps

Plated steel, stainless steel, and aluminum clamps have a removable EPDM cushion to help reduce vibration while protecting the loom or cables. The mounting hole is 1/64" for 1/4" screws or bolts. Temperature rating: -40°C to 85°C (-40°F to 185°F).

Zinc Plated SPCC-5D Steel Clamps (EPDM removable jacket)

part no.		size closed I.D.	bundle lines O.D.		SAE size
1/2" width	5/8" width		min.	max.	
2004*	▶2004625*	1/4"	3/16"	1/4"	004
2006*	▶2006625*	3/8"	1/4"	3/8"	006
2008*	▶2008625*	1/2"	3/8"	1/2"	008
2010*	▶2010625*	5/8"	1/2"	5/8"	010
2012*	▶2012625*	3/4"	5/8"	3/4"	012
2014*	▶2014625*	7/8"	3/4"	7/8"	014
2016*	▶2016625*	1"	7/8"	1"	016
2018	▶2018625	1 1/8"	1"	1 1/8"	018
2020	▶2020625	1 1/4"	1 1/8"	1 1/4"	020
2022	▶2022625	1 3/8"	1 1/4"	1 3/8"	022
2024	▶2024625	1 1/2"	1 3/8"	1 1/2"	024

part no.		size closed I.D.	bundle lines O.D.		SAE size
1/2" width	5/8" width		min.	max.	
2026	▶2026625	1 5/8"	1 1/2"	1 5/8"	026
2028	▶2028625	1 3/4"	1 5/8"	1 3/4"	028
2030	▶2030625	1 7/8"	1 3/4"	1 7/8"	030
2032	▶2032625	2"	1 7/8"	2"	032
2034	—	2 1/8"	2"	2 1/8"	034
2036	▶2036625	2 1/4"	2 1/8"	2 1/4"	036
2038	▶2038625	2 3/8"	2 1/4"	2 3/8"	038
2040	▶2040625	2 1/2"	2 3/8"	2 1/2"	040
2048	▶2048625	3"	2 7/8"	3"	048
▶2050	▶2050625	3 1/2"	3 3/8"	3 1/2"	056

* Min qty: 100; all others min qty: 10
▶ new product line extension



SUS304 Stainless Steel Clamps (EPDM removable jacket) - 1/2" metal width

part no.	size closed I.D.	bundle lines O.D.		SAE size
		min.	max.	
200409	1/4"	3/16"	1/4"	004
200609	3/8"	1/4"	3/8"	006
200809	1/2"	3/8"	1/2"	008
201009	5/8"	1/2"	5/8"	010
201209	3/4"	5/8"	3/4"	012
201409	7/8"	3/4"	7/8"	014
201609	1"	7/8"	1"	016
201809	1 1/8"	1"	1 1/8"	018
202009	1 1/4"	1 1/8"	1 1/4"	020

part no.	size closed I.D.	bundle lines O.D.		SAE size
		min.	max.	
202209	1 3/8"	1 1/4"	1 3/8"	022
202409	1 1/2"	1 3/8"	1 1/2"	024
202609	1 5/8"	1 1/2"	1 5/8"	026
202809	1 3/4"	1 5/8"	1 3/4"	028
203009	1 7/8"	1 3/4"	1 7/8"	030
203209	2"	1 7/8"	2"	032
204009	2 1/2"	2 3/8"	2 1/2"	040
204809	3"	2 7/8"	3"	048
204809	3 1/2"	3 3/8"	3 1/2"	056

Min qty: 10



5052 Aluminum Clamps (EPDM removable jacket) - 1/2" metal width

part no.	size closed I.D.	bundle lines O.D.		SAE size
		min.	max.	
2804*	1/4"	3/16"	1/4"	004
2806*	3/8"	1/4"	3/8"	006
2808*	1/2"	3/8"	1/2"	008
2810*	5/8"	1/2"	5/8"	010
2812*	3/4"	5/8"	3/4"	012
2814*	7/8"	3/4"	7/8"	014
2816*	1"	7/8"	1"	016
▶2819	1 1/8"	1"	1 1/8"	018
2820	1 1/4"	1 1/8"	1 1/4"	020

part no.	size closed I.D.	bundle lines O.D.		SAE size
		min.	max.	
▶2822	1 3/8"	1 1/4"	1 3/8"	022
2824	1 1/2"	1 3/8"	1 1/2"	024
▶2826	1 5/8"	1 1/2"	1 5/8"	026
▶2827	1 3/4"	1 5/8"	1 3/4"	028
▶2829	1 7/8"	1 3/4"	1 7/8"	030
2832	2"	1 7/8"	2"	032
▶2836	2 1/4"	2 1/8"	2 1/4"	036
2840	2 1/2"	2 3/8"	2 1/2"	040
▶2849	3"	2 7/8"	3"	048

* Min qty: 100; all others min qty: 10

Vinyl-Coated SPCC-5D Steel Clamps - 1/2" metal width



part no.	size closed I.D.	bundle lines O.D.		SAE size
		min.	max.	
2904*	1/4"	3/16"	1/4"	004
2906*	3/8"	1/4"	3/8"	006
2908*	1/2"	3/8"	1/2"	008
2910*	5/8"	1/2"	5/8"	010
2912*	3/4"	5/8"	3/4"	012
2914*	7/8"	3/4"	7/8"	014
2916*	1"	7/8"	1"	016
▶2918	1 1/8"	1"	1 1/8"	018
2920*	1 1/4"	1 1/8"	1 1/4"	020

part no.	size closed I.D.	bundle lines O.D.		SAE size
		min.	max.	
▶2922	1 3/8"	1 1/4"	1 3/8"	022
2924	1 1/2"	1 3/8"	1 1/2"	024
▶2926	1 5/8"	1 1/2"	1 5/8"	026
▶2928	1 3/4"	1 5/8"	1 3/4"	028
▶2930	1 7/8"	1 3/4"	1 7/8"	030
2932	2"	1 7/8"	2"	032
2940	2 1/2"	2 3/8"	2 1/2"	040
▶2942	3"	2 7/8"	3"	048

* Min qty: 100; all others min qty: 10
 ▶ new product line extension



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Carbon Steel Plated Loom Clamps - 5/8" metal width

Carbon steel plated cable clamps with zinc/gold chromate have a removable EPDM jacket. Mounting hole is .406" with .375" stud. Carbon steel has a higher ductility and is less susceptible to fatigue.



part no.	size closed I.D.	mounting lines O.D.		SAE size
		min.	max.	
200403	1/4"	3/16"	1/4"	004
200603	3/8"	1/4"	5/8"	006
200803	1/2"	3/8"	1/2"	008
201003	5/8"	1/2"	5/8"	010
201203	3/4"	5/8"	3/4"	012
201403	7/8"	3/4"	7/8"	014
201603	1"	7/8"	1"	016
201803	1 1/8"	1"	1 1/8"	018
202003	1 1/4"	1 1/8"	1 1/4"	020

part no.	size closed I.D.	mounting lines O.D.		SAE size
		min.	max.	
202203	1 3/8"	1 1/4"	1 3/8"	022
202403	1 1/2"	1 3/8"	1 1/2"	024
202603	1 5/8"	1 1/2"	1 5/8"	026
202803	1 3/4"	1 5/8"	1 3/4"	028
203003	1 7/8"	1 3/4"	1 7/8"	030
203203	2"	1 7/8"	2"	032
203503	2 1/2"	2 3/8"	2 1/2"	040
203603	3"	2 7/8"	3"	048
203803	3 1/2"	3 3/8"	3 1/2"	056

* Min qty: 10

Non-Adhesive Heat Shrink



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Single Wall Polyolefin Non-Adhesive 2:1 Heat Shrink – Flexible

Meets all the requirements of military/specification MIL-1-23053/5 class 1 and class 3. UL component certified. Shrink temperature is 100°C (212°F) with an indefinite storage life. Operating temperature range is -55°C to 125°C (-67°F to 257°F) and up to 200°C (392°F) for a short time.

color			length	pkg. qty.	nom. size	I.D.	I.D. after recovery	wall thickness after recovery nominal
red	black	clear						
—	▶ 91030505	—	1¼"	100	¾"	.187"	.093"	.020"
—	▶ 91032505	—			½"	.250"	.125"	.025"
—	▶ 91029505	—			¾"	.375"	.187"	.025"
—	▶ 91033505	—			½"	.500"	.250"	.025"
—	▶ 96030005	—	6"	10	¼"	.079"	.031"	.020"
—	▶ 96031505	—			⅛"	.125"	.062"	.020"
—	▶ 96030505	—			¾"	.187"	.093"	.020"
—	▶ 96032505	—			¼"	.250"	.125"	.025"
—	▶ 96029505	—			¾"	.375"	.187"	.025"
—	▶ 96033505	—			½"	.500"	.250"	.025"
—	▶ 96034505	—			¾"	.750"	.375"	.035"
—	▶ 96035505	—			1"	1.000"	.500"	.039"
▶ 98030001	▶ 98030005	▶ 98030003	4' stick	1	¼"	.079"	.031"	.020"
98031501	98031505	▶ 98031503			⅛"	.125"	.062"	.020"
98030501	98030505	▶ 98030503			¾"	.187"	.093"	.020"
98032501	98032505	▶ 98032503			¼"	.250"	.125"	.025"
98029501	98029505	▶ 98029503			¾"	.375"	.187"	.025"
98033501	98033505	▶ 98033503			½"	.500"	.250"	.025"
98034501	98034505	▶ 98034503			¾"	.750"	.375"	.035"
98035501	98035505	▶ 98035503			1"	1.000"	.500"	.039"
98036501	98036505	▶ 98036503			1½"	1.500"	.750"	.039"
▶ 98050001	▶ 98050005	—	500' spool	—	¼"	.079"	0.031	0.02
98051501	98051505	—	500' spool		⅛"	.125"	.062"	.020"
98050501	98050505	—	500' spool		¾"	.187"	.093"	.020"
98052501	98052505	—	250' spool		¼"	.250"	.125"	.025"
98059501	98059505	—	200' spool		¾"	.375"	.187"	.025"
98053501	98053505	—	150' spool		½"	.500"	.250"	.025"
98054501	98054505	—	250' spool		¾"	.750"	.375"	.035"
98055501	98055505	—	250' spool		1"	1.000"	.500"	.039"
98056501	98056505	—	125' spool		1½"	1.500"	.750"	.039"

▶ new product line extension



Dual Wall 3:1 Heat Shrink – Adhesive-lined, Semi Rigid

Complies with the requirements of MIL-25053/4. Class 3 shrink temperature is 100°C (212°F). Operating temperature range is -45°C to 125°C (-49°F to 257°F). UL component certified.



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color		length	pkg. qty	nominal size	I.D.	I.D. after recovery maximum	wall thickness after recovery nominal		
red	black								
—	▶ 91062005	1 1/4"	100	3/16"	.1875"	.063"	.043"		
—	▶ 91062505			1/4"	.250"	.078"	.047"		
—	▶ 91063005			3/8"	.375"	.118"	.053"		
—	▶ 91063505			1/2"	.500"	.157"	.055"		
—	▶ 96061505	6"	10	1/8"	.125"	.032"	.038"		
—	▶ 96062005			3/16"	.1875"	.063"	.043"		
—	▶ 96062505			1/4"	.250"	.078"	.047"		
—	▶ 96063005			3/8"	.375"	.118"	.053"		
—	▶ 96063505			1/2"	.500"	.157"	.055"		
—	▶ 96064505			3/4"	.750"	.315"	.065"		
—	▶ 96065505			1"	1.000"	.400"	.075"		
—	▶ 96066505			1 1/2"	1.500"	.598"	.083"		
▶ 98061501	▶ 98061505			4' stick	1	1/8"	.125"	.032"	.038"
▶ 98062005	▶ 98062001					3/16"	.1875"	0.063"	.043"
▶ 98062501	▶ 98062505	1/4"	.250"			.078"	.047"		
▶ 98063001	▶ 98063005	3/8"	.375"			.118"	.053"		
▶ 98063501	▶ 98063505	1/2"	.500"			.157"	.055"		
▶ 98064501	▶ 98064505	3/4"	.750"			.315"	.065"		
▶ 98065501	▶ 98065505	1"	1.000"			.400"	.075"		
▶ 98066501	▶ 98066505	1 1/2"	1.500"			.598"	.083"		

▶ new product line extension



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Triple Wall 3:1 Heat Shrink – Adhesive-lined, Rigid (Extra Thick)

Triple wall adhesive-lined polyolefin heat shrink will deliver the ultimate protection for battery cables. When heat is applied it will bond permanently to your cable and give it a professional look and performance. Operating temperature: -55°C to 110°C (-67°F to 230°F) Shrink temperature: 120°C (248°F).

color		length	pkg. qty.	wire gauge	I.D.	I.D. after recovery maximum
red	black					
▶ 980695	▶ 980705	6"	1	12 to 4	.512"	.157"
▶ 980715	▶ 980725			8 to 1	.748"	.197"
▶ 980735	▶ 980745			2 to 4/0	1.1"	.236"
▶ 980755	▶ 980765			4/0 to 400 MCM	1.575"	.472"
▶ 980795	▶ 980805	4'	1	12 to 4	.512"	.157"
▶ 980815	▶ 980825			8 to 1	.748"	.197"
▶ 980835	▶ 980845			2 to 4/0	1.1"	.236"
▶ 980855	▶ 980865			4/0 to 400 MCM	1.575"	.472"

▶ new product line extension



4:1 Heat Shrink – Adhesive-lined, Rigid (Extra Thick)

Designed for a wide variety of electrical applications. The high shrink ratio makes it possible to repair damaged cable jackets without removing connectors. Shrink temperature is 110°C (230°F). Operating temperature range is -40°C to 125°C (-40°F to 257°F).



color		length	pkg. qty.	nominal size	inside diameter as supplied minimum	inside diameter after recovery maximum	wall thickness after recovery nominal
red	black						
▶ 98082500	▶ 98082505	4'	1	1/4"	.250"	.059"	.057"
▶ 98083000	▶ 98083005			5/16"	.313"	.079"	.061"
▶ 98083500	▶ 98083505			1/2"	.500"	.118"	.081"
▶ 98084500	▶ 98084505			3/4"	.750"	.197"	.079"



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Clear 3:1 Heat Shrink – Adhesive-lined, Semi Rigid

This 3:1 heat shrink complies with the requirements of MIL-25053/4. Initially cloudy; turns clear when heat is applied, and allows for easy viewing of connected area. Shrink temperature is 110°C (230°F). Operating temperature range is -45°C to 125°C (-49°F to 257°F).

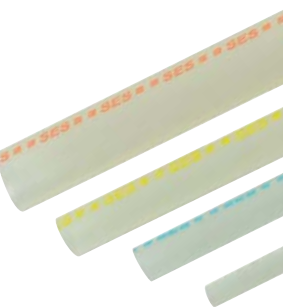
part no.	length	nominal size	I.D.	I.D. after recovery	part no.	length	nominal size	I.D.	I.D. after recovery
980600	4'	1/8"	.125"	.032"	980640	4'	1/2"	.500"	.157"
980610		3/16"	.188"	.055"	980650		3/4"	.750"	.315"
980620		1/4"	.250"	.078"	980660		1"	1.000"	.400"
980630		5/8"	.354"	.118"	980670		1 1/2"	1.500"	.568"



Translucent Dual Wall 3:1 Heat Shrink – Adhesive-lined, Semi Rigid

Operating temperature: -55°C to 110°C (-67°F to 230°F) and shrink temperature: 135°C (275°F). UL listed and meets MIL-DTL-23053/4.

part no.	color	length	pkg. qty.	gauge size	I.D.	I.D. after recovery maximum	wall thickness after recovery nominal
980405	clear	6"	10	24-22	.115"	.028"	.060"
980415	red			20-18	.215"	.045"	
980425	blue			16-14	.255"	.080"	
980435	yellow			12-10	.305"	.100"	
98040548	clear	4'	1	24-22	.115"	.028"	
98041548	red			20-18	.215"	.045"	
98042548	blue			16-14	.255"	.080"	
98043548	yellow			12-10	.305"	.100"	



Dual Wall 4:1 Heat Shrink – Adhesive-lined, Rigid

Each piece is marked with a dash-colored line coded to the inside diameter size. Rated to -55°C to 110°C (-67°F to 230°F).

part no.	color	length	pkg. qty.	gauge size	I.D.	I.D. after recovery maximum	wall thickness after recovery nominal
985400	clr/white	6"	10	24-12	.220"	.045"	.060"
985403	clr/red			22-10	.300"	.060"	.061"
985405	clr/blue			16-8	.350"	.080"	.060"
985410	clr/yell			14-4	.450"	.018"	.090"
985415	clr/org			8-2/0	.700"	.105"	.110"



Clear-View™ Dual Wall 2.5:1 Heat Shrink – Adhesive-lined, Semi Rigid

Specifications include: 4,000 psi tensile strength, FMVSS302 flammability testing and dielectric strength of 750 V/Mil (30KV/MM). Operating temperature of -55°C to 125°C (-67°F to 257°F) and recovery temperature of 90°C (194°F).

part no.	color	length	pkg. qty.	gauge size	I.D. as supplied minimum	I.D. after recovery maximum
984115	clear	6"	10	24-18	.176"	.045"
984125				16-14	.250"	.080"
984135				12-10	.365"	.100"



Shielded Heat Shrink Tubing

Shielding heat shrink is a 2:1 shrinking tube with two layers. The outside is a common polyolefin layer, and the inside contains a conductive cloth with high frequency EMI shielding properties. The inside shielding layer isolates wires from the outside environment. Tubing is flame retardant and fluid resistant, making it an ideal protective solution for wire and cables. Shrink temp is 194°F (90°C). Operating Temp: 275°F to -67°F (135°C to -55°C).



part no.	color	length	pkg. qty.	nominal size	inside diameter as supplied	inside diameter after recovery
981019	black	4'	2	3/16"	.1875"	.0945"
981025				1/4"	.2500"	.1260"
981038				3/8"	.3750"	.1890"
981050				1/2"	.5000"	.2520"
981075				3/4"	.7500"	.3740"
981100				1"	1.000"	.5000"
981150	1 1/2"	1.500"	.7520"			

**Diesel Resistant 2:1 Heat Shrink**

Resistant to diesel fuels, aviation fuels, hydraulic fluids, and lubrication oils. Protect wires, solder joints, terminals, connections, or any components from the most industrial fuels. Shrink Temperature: 302°F (150°C). Operating Temperature: -103°F to 248°F (-75°C to 120°C).



part no.	color	spool length	nominal size	I.D.	I.D. after recovery maximum
982013	black	25'	1/8"	.1260"	.0630"
982019			3/16"	.1890"	.0945"
982025			1/4"	.2520"	.1260"
982038			3/8"	.3780"	.1890"
982050			1/2"	.5040"	.2520"
982075			3/4"	.7600"	.3740"
982100			1"	1.000"	.5000"
982125			1 1/4"	1.252"	.6260"
982150			1 1/2"	1.504"	.7520"



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**Kynar® Semi-Rigid 2:1 Heat Shrink**

This is semi-rigid heat shrink flame-retardant, tough, and abrasion resistant. Shrink Temperature: 374°F (175°C). Operating Temperature: -67°F to 347°F (-55°C to 175°C).



part no.	color	length	pkg. qty.	nominal size	I.D.	I.D. after recovery
986005	black	4'	25	3/64"	.0472"	.0236"
986006				1/16"	.0630"	.0315"
986009				3/32"	.0945"	.0472"
986013				1/8"	.1260"	.0630"
986019				3/16"	.1890"	.0945"
986025				1/4"	.2520"	.1260"
986038				3/8"	.3740"	.1850"
986050				1/2"	.5000"	.2520"
986075				3/4"	.7520"	.3740"
986100				1"	1.008"	.5000"

**Viton® Flexible 2:1 Heat Shrink**

Resistant to highly corrosive acids, fluids, fuels, & solvents. Cuts cleanly with a scissors. Shrink Temperature: 248°F (120°C). Operating Temperature: -67°F to 392°F (-55°C to 200°C).



part no.	color	spool length	nominal size	I.D.	I.D. after recovery
983013	black	25'	1/8"	.1260"	.0630"
983019			3/16"	.1890"	.0945"
983025			1/4"	.2520"	.1260"
983038			3/8"	.3740"	.1850"
983050			1/2"	.5000"	.2520"
983063			5/8"	.6300"	.3150"
983075			3/4"	.7520"	.3740"
983088			7/8"	.8820"	.4331"
983100			1"	1.000"	.5000"
983125			1 1/4"	1.250"	.6181"
983150			1 1/2"	1.500"	.7520"
983200			2"	2.000"	1.000"

3M Duct Tape



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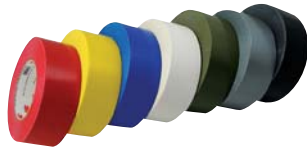
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3M™ Multi-Purpose Duct Tape (5.77 MIL)

Ideal for light-duty marking and non-critical applications. Temperature rating of 93°C (200°F).

part no.	color	length	width	thickness	strength
350	silver	150' (45.7m)	1.88" (48mm)	5.77 mil	16 lbs



3M™ Heavy-duty Multi-Purpose Duct Tape (7.7 MIL)

Ideal for general maintenance, wrapping, sealing, protecting and color-coding. Temperature rating of 93°C (200°F).

part no.	color	length	width	thickness	strength
360	black	180' (54.8m)	1.88" (48mm)	7.7 mil	22 lbs
361DL	olive				
362	blue				
363	silver				
364	red				
365	white				
366	yellow				



3M™ Extra Heavy-Duty Duct Tape (10.7 MIL)

Designed for the most demanding applications in the automotive, trucking, construction, industrial and HVAC markets. Meets UL 723, HUD and BOCA codes. Temperature rating of 93°C (200°F).

part no.	color	length	width	thickness	strength
370	black	180' (54.8m)	1.88" (48mm)	10.7 mil	35 lbs
371	olive				
372	blue				

Electrical & Multi-purpose Tape



3M Vinyl Electrical Tape (7 MIL)

This vinyl electrical tape is a tough 7 mil tape with excellent adhesive ability. UL rated, control no. 362K. Temperature rating: 80°C (176°F).

part no.	color	length	width	thickness	pkg qty
733	black	60'	¾"	7 mil	single roll
7335					case – 100 rolls



3M Scotch™ Super 88 (8.5 MIL)

Provides primary electrical insulation for all wire and cable splices rated up to 600V. Resistant to weather, UV rays, abrasion, corrosion, alkalis and acids, it provides a protective jacketing for high voltage cable splices and repairs. Meets requirements of ASTM D-3005, Type II, UL 510 and MIL-1-24391. Temperature range: -18°C to 105°C (0°F to 221°F).

part no.	color	length	width	thickness	pkg qty
883	black	66'	¾"	8.5 mil	single roll
8835					case – 100 rolls



3M Scotch™ Super 33+ (7 MIL)

Rated up to 600V for fixture and wire splices up to 1000V. It can be applied at -18°C (0°F) and has an operating range up to 105°C (220°F). Flame retardant, resists UV rays, abrasion, moisture, alkalis, acids, hot and cold weather. Meets requirements of ASTM D-3005, Type I, UL 510, HHI-595C and CSA 22.2.

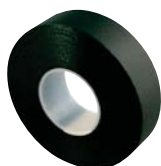
part no.	color	length	width	thickness	pkg qty
335	black	66'	¾"	7 mil	single roll
3335					case – 100 rolls



3M Scotch™ Linerless Electrical Rubber Tape (30 MIL)

This Scotch™ 2242 tape is an economical general purpose rubber insulating tape, well suited for small terminating and splicing jobs.

part no.	color	length	width	thickness	pkg qty
633	black	15'	¾"	30 mil	single roll
6335					case – 24 rolls



Amalgamating (Cold Shrink) Tape - Self-Sticking

When the tape is applied with a high degree of stretch (2 to 3 times for stretch) within two to three minutes, it has already begun to amalgamate. Within four hours, it will be a solid mass of rubber. **NOTE:** The tape is NOT resistant to hydrocarbon type solvents, oils and greases.

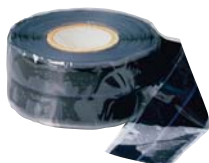
part no.	color	length	width	thickness	pkg qty
734	black	30'	1"	20 mil	single roll



Splice and Joint Tape Sealant

Soft, tacky and pliable material having the ability to seal with a wide variety of substrates including: rubbers, plastics and metals, while remaining flexible for extended periods of time. Resistant to alcohol, ketone, acids and alkalis. Operating temperature range is -40°C to 90°C (-40°F to 194°F). Curing temperature is 110°C (230°F).

part no.	color	length	width	thickness	pkg qty
736	gray	25'	1"	1/16"	single roll



Wrap N Seal™ Self-fusing Silicone Tape

Self-fuses without heat, forming a solid rubber insulation in 24 hours. Use this tape to insulate and protect harnesses, splices, motor leads, etc. Operational temperature range is -40°C to 200°C (-50°F to 400°F).

part no.	color	length	width	thickness	pkg qty
233	red	20'	1"	1/16"	single roll
235	black				



Electrical Tape

Use in applications up to 600V and temperatures up to 80°C (176°F). This tape is also resistant to abrasion, UV rays, moisture, alkalis, solvents and many acids. UL rated.

part no.	color	length	width	thickness	pkg qty
2241DL	red	66'	3/4"	7 mil	single roll
2242	white				
2243DL	blue				
2244DL	green				



Assorted Colors Electrical Tape

Use in applications up to 600V and temperatures up to 80°C (176°F). Resistant to abrasions, UV rays, moisture, alkalis, solvents and many acids.

part no.	color	length	width	thickness	pkg qty
233	white, red, blue, green, yellow	20'	1/2"	7 mil	five rolls



Liquid Tape

A liquid coating used to insulate and protect electrical splices and connections. The waterproof coating will not unravel or deteriorate like tape. Includes a brush-on applicator. Usable temperature range: -34°C to 93°C (30°F to 200°F).

part no.	color	size	pkg type	part no.	color	size	pkg type
330DL	black	4 oz.	liquid tape	19015168	white	4 oz.	liquid tape
331DL	red			19015167	black		spray tape



Hot-Melt Fusion Tape

Typically used for extra adhesion in areas between wire bundles for weatherproofing and under non-dual wall heatshrink products. Tape will activate when shrinking the tubing. The tape is flexible, and able to be cut to fit your application.

part no.	color	length	width	pkg qty
609	clear	25'	2"	single roll



Aluminized Fiberglass Shielding Tape

Aluminized Fiberglass high temperature and EMI/RDI shielding tape features intense heat reflectivity and thermal stability at high temperatures for short periods of time. The tape is made from 1 mil aluminum foil, laminated on 2 mil glass cloth with a silicone adhesive.

part no.	size I.D.	foot per roll	lbs per roll	max temp.	temp. range
1691	1"	108 ft	0.5	648°C (1,200°F)	-60° to 255°C (-76° to 491°F)
1692	1 1/2"		0.75		
1693	2"		1.06		
1694	3"		1.59		
1695	4"		2.12		
1696	6"		3.18		



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Steel Hose Clamps



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Standard Hose Clamps

The stainless steel band and housing resists corrosion. 2363DL* and 2364DL* have a $\frac{5}{16}$ " micro stainless steel band, $\frac{1}{4}$ " hex head screw and meet SAE standard J1508 Type M. All other clamps 2365DL-2379, have a $\frac{1}{2}$ " stainless steel band, $\frac{5}{16}$ " hex head – carbon steel and meet SAE standard J1508 Type F.

part no.	diameter range	SAE size	lbs per 100 pcs.
2363DL*	$\frac{7}{32}$ "– $\frac{5}{8}$ "	004	2
2364DL*	$\frac{7}{16}$ "– $\frac{25}{32}$ "	006	2
2365DL	$\frac{7}{16}$ "– $\frac{25}{32}$ "	006	4
2366	$\frac{1}{2}$ "– $\frac{29}{32}$ "	008	4
2367	$\frac{9}{16}$ "– $1\frac{1}{16}$ "	010	4
2368DL	$1\frac{1}{16}$ "– $1\frac{1}{4}$ "	012	5
2369DL	$1\frac{3}{16}$ "– $1\frac{1}{2}$ "	016	5
2370DL	$1\frac{3}{16}$ "– $1\frac{3}{4}$ "	020	5
2371DL	$1\frac{1}{16}$ "– 2 "	024	6

part no.	diameter range	SAE size	lbs per 100 pcs.
2372	$1\frac{5}{16}$ "– $2\frac{1}{4}$ "	028	6
2373	$1\frac{9}{16}$ "– $2\frac{1}{2}$ "	032	7
2374DL	$1\frac{13}{16}$ "– $2\frac{3}{4}$ "	036	7
2375	$2\frac{1}{16}$ "– 3 "	040	8
2376	$2\frac{5}{16}$ "– $3\frac{1}{4}$ "	044	8
2377DL	$2\frac{9}{16}$ "– $3\frac{1}{2}$ "	048	8
2378DL	$2\frac{13}{16}$ "– $3\frac{3}{4}$ "	052	8
2379	$3\frac{1}{16}$ "– 4 "	056	10

pkg qty: 10



Stainless Steel Hose Clamps

Ideal for use in corrosive environments and applications such as plumbing, sprinkler systems, swimming pools, automotive, marine and agricultural environments. 236302* and 236402* have a $\frac{5}{16}$ " micro stainless steel band, $\frac{1}{4}$ " hex head screw and meet SAE standard J1508 Type M. All other clamps 236502 - 237902 have a $\frac{1}{2}$ " stainless steel band, $\frac{5}{16}$ " hex head – carbon steel and meet SAE standard J1508 Type F.

part no.	diameter range	SAE size	lbs per 100 pcs.
236302*	$\frac{7}{32}$ "– $\frac{5}{8}$ "	004	2
236402*	$\frac{7}{16}$ "– $\frac{25}{32}$ "	006	2
236502	$\frac{7}{16}$ "– $\frac{25}{32}$ "	006	3
236602	$\frac{1}{2}$ "– $\frac{29}{32}$ "	008	4
236702	$\frac{9}{16}$ "– $1\frac{1}{16}$ "	010	4
236802	$1\frac{1}{16}$ "– $1\frac{1}{4}$ "	012	5
236902	$1\frac{3}{16}$ "– $1\frac{1}{2}$ "	016	5
237002	$1\frac{3}{16}$ "– $1\frac{3}{4}$ "	020	5
237102	$1\frac{1}{16}$ "– 2 "	024	5

part no.	diameter range	SAE size	lbs per 100 pcs.
237202	$1\frac{5}{16}$ "– $2\frac{1}{4}$ "	028	6
237302	$1\frac{9}{16}$ "– $2\frac{1}{2}$ "	032	6
237402	$1\frac{13}{16}$ "– $2\frac{3}{4}$ "	036	6
237502	$2\frac{1}{16}$ "– 3 "	040	7
237602	$2\frac{5}{16}$ "– $3\frac{1}{4}$ "	044	7
237702	$2\frac{9}{16}$ "– $3\frac{1}{2}$ "	048	7
237802	$2\frac{13}{16}$ "– $3\frac{3}{4}$ "	052	8
237902	$3\frac{1}{16}$ "– 4 "	056	8

pkg qty: 10



Shielded Hose Clamps

Designed for use on silicone and other soft hose material. Features an inner $\frac{1}{2}$ " stainless steel band to prevent material from protruding through the notches in the outer band. One-piece inner liner is double welded preventing separation. Has a $\frac{5}{16}$ " hex head carbon steel screw. All Clamps meet SAE standard J1508 Type F.

part no.	diameter range	SAE size	lbs per 100 pcs.
236504	$\frac{7}{16}$ "– $\frac{25}{32}$ "	006	5
236604	$\frac{1}{2}$ "– $\frac{29}{32}$ "	008	5
236704	$\frac{9}{16}$ "– $1\frac{1}{16}$ "	010	6
236804	$1\frac{1}{16}$ "– $1\frac{1}{4}$ "	012	6
236904	$1\frac{3}{16}$ "– $1\frac{1}{2}$ "	016	6

part no.	diameter range	SAE size	lbs per 100 pcs.
237004	$1\frac{3}{16}$ "– $1\frac{3}{4}$ "	020	6
237104	$1\frac{1}{16}$ "– 2 "	024	7
237204	$1\frac{5}{16}$ "– $2\frac{1}{4}$ "	028	7
237304	$1\frac{9}{16}$ "– $2\frac{1}{2}$ "	032	8

pkg qty: 10



Constant Torque Clamps

Provides automatic adjustments for constant torque on expanding and contracting hoses. The housing is riveted to the saddle at four points providing added strength. The shield protects soft hoses from damage and helps to maintain consistent sealing pressure. Torque rated to 40–70 in/lbs. All clamps have a $\frac{9}{16}$ " stainless steel band, $\frac{9}{16}$ " stainless steel hex head screw and meet SAE standard J1508 Type SLHD.

part no.	diameter range	SAE size
2200	$\frac{9}{16}$ "– $1\frac{1}{16}$ "	10
2202DL	$1\frac{1}{16}$ "– $1\frac{1}{4}$ "	12
2204DL	$1\frac{3}{16}$ "– $1\frac{1}{2}$ "	16
2206DL	$1\frac{3}{16}$ "– $1\frac{3}{4}$ "	20
2208DL	$1\frac{1}{16}$ "– 2 "	24

part no.	diameter range	SAE size
2212DL	$1\frac{1}{16}$ "– $2\frac{1}{2}$ "	32
2214DL	$1\frac{3}{16}$ "– $2\frac{3}{4}$ "	36
2216DL	$2\frac{1}{16}$ "– 3 "	40
2218DL	$2\frac{5}{16}$ "– $3\frac{1}{4}$ "	44
2222DL	$2\frac{9}{16}$ "– $3\frac{1}{2}$ "	48

pkg qty: 1



Fuel Injection Hose Clamps

Designed with a non-perforated band of aluzinc-coated carbon. Comes with a zinc-plated screw and a steel nut.

part no.	diameter range	lbs per 100 pcs
210402	7/16"-1/2"	2
210602	1/2"-9/16"	3

part no.	diameter range	lbs per 100 pcs
210802	9/16"-5/8"	4

pkg qty: 10



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Muffler Clamps

Each clamp is made up of an 11 ga. saddle, 3/8" diameter U-bolt and two serrated nuts that provide secure exhaust connections. Clamps are made from 14 ga. mild steel and are available in sizes ranging from 1 3/4" up to 5" clamping diameter.

part no.	diameter
12200134	1 3/4"
12200178	1 7/8"
12200200	2"
12200214	2 1/4"
12200212	2 1/2"

part no.	diameter
12200234	2 3/4"
12200300	3"
12200312	3 1/2"
12200400	4"
12200500	5"

pkg qty: 1



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Exhaust Hangers

Manufactured from high-strength steel and designed to work with various sized pipes and U-bolt clamps. Hangers can be cut, bent or modified to fit most applications.

part no.	description
12201100	"swivel" hanger H.D. 360 design
12201105	universal hanger for 1 1/2" - 2 1/2" pipes
12201109	universal strap hanger
12201200	swivel tail pipe hanger

12201105

12201109

pkg qty: 1



Mechanics Wire

Mechanics wire is a 19-gauge soft annealed steel wire that can be easily bent, molded or configured and is designed for use in emergency or temporary-fix situations.

part no.	description	reel size
12202200	mechanics wire	50'



Stainless Steel Safety Wire

Made from Grade 304 Stainless Steel, Safety Wire provides strength and great corrosion resistance, and is annealed for ease of use.

part no.	length	size
12202202	600'	0.025"
12202204	360'	0.032"
12202206	200'	0.041"



Clamp Making Tool

Designed to tighten safety wire to create a custom clamp with strength and versatility.

part no.	description
990040	clamp making tool, stainless steel



Cable Wraptor™

Provide an ideal solution for all of your cord or cable bundling applications. The "T" handle with mounting hole provides a comfortable carrying grip and easily hangs for storage. The large and evenly spaced teeth design ensures a strong and secure locking system. It is manufactured from durable impact resistant plastic with stainless steel hinge pin.

part no.	description	clamp diameter	max load*
989599	mini	1"	25 lbs
989600	medium	2"	50 lbs
989602	large	3"	100 lbs
989604	x-large	4"	150 lbs
989605	kit	1" - 4"	25 - 150 lbs

*Max load shown is for reference only. Actual sustainable load varies based on application.

Grommets



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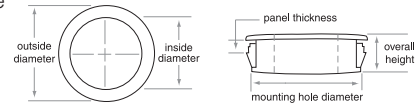


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Nylon Grommets

Temperature rating up to 105°C (221°F). Insulate and protect electrical and telecommunications cable, tubing, hose, rope and utility lines. Recognized under the component program of Underwriters Laboratories Inc. CSA. Flammability rating 94V-2.



part no.	mounting hole dia.	inside dia.	outside dia.	overall height	panel thickness
5000*	.187"	1/8"	1/4"	15/64"	1/16"
5002*	.312"	3/16"	3/8"	5/16"	1/16"
5004	.375"	1/4"	15/32"	13/32"	1/8"
5006	.437"	5/16"	17/32"	13/32"	1/8"
5008	.500"	3/8"	37/64"	13/32"	1/8"
5010	.562"	7/16"	21/32"	13/32"	1/8"
5012	.625"	1/2"	23/32"	13/32"	1/8"
5014	.687"	9/16"	25/32"	13/32"	1/8"
5016	.750"	5/8"	27/32"	13/32"	1/8"
5017	.875"	11/16"	61/64"	29/64"	1/8"
5018	1.000"	3/4"	1 1/8"	29/64"	1/8"
5020	1.093"	7/8"	17/32"	29/64"	1/8"
5022	1.375"	1	1 15/32"	29/64"	1/8"

*thickness difference
pkg qty:100



Universal Grommets

part no.	mounting hole dia.	inside dia.	outside dia.	overall height	panel thickness
5024	.750"	1/2"	55/64"	25/64"	1/8"

pkg qty:100



Flexible Grommeting

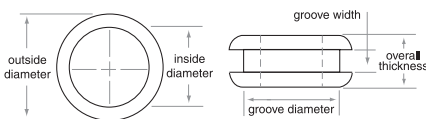
This flexible grommeting protects and insulates wires and cables from chafing against sharp chassis edges. The serrated design is ideal for irregularly shaped panel holes. Fits 1/8", 3/16" and 1/4" panel thicknesses. Molded of durable nylon 6/6. ASTM D-4066 flammability classification 94V-2.

part no.	maximum panel thickness	length
5086	.125"	100'
5090	.187"	100'
5094	.250"	100'



Rubber Grommets

Material is styrene butadiene rubber (SBR) and is black in color. Select specific groove width and locate other pertinent dimensions provided in the chart. **PLEASE NOTE: Groove diameter is the size of hole needed to snap a grommet into for the best fit.**



part no.	inside dia.	groove dia.	outside dia.	overall thickness
³/₆₄" groove width				
5100*	³ / ₁₆ "	¹ / ₂ "	¹ / ₁₆ "	¹ / ₄ "
¹/₁₆" groove width				
5102DL*	¹ / ₈ "	¹ / ₄ "	¹ / ₃₂ "	³ / ₁₆ "
5103*	⁵ / ₃₂ "	¹ / ₄ "	³ / ₈ "	³ / ₁₆ "
5203*	⁵ / ₃₂ "	¹ / ₄ "	⁷ / ₁₆ "	³ / ₈ "
5303*	³ / ₁₆ "	⁵ / ₁₆ "	¹³ / ₃₂ "	⁷ / ₃₂ "
5104*	³ / ₁₆ "	⁵ / ₁₆ "	⁷ / ₁₆ "	³ / ₁₆ "
5105*	³ / ₁₆ "	⁵ / ₁₆ "	¹ / ₂ "	¹ / ₄ "
5106*	¹ / ₄ "	³ / ₈ "	⁹ / ₁₆ "	¹ / ₄ "
5107*	¹ / ₄ "	⁷ / ₁₆ "	⁵ / ₈ "	³ / ₁₆ "
5108*	⁵ / ₁₆ "	⁷ / ₁₆ "	⁹ / ₁₆ "	³ / ₁₆ "
5110*	⁵ / ₁₆ "	⁹ / ₁₆ "	¹³ / ₁₆ "	⁵ / ₁₆ "
5112*	³ / ₈ "	¹ / ₂ "	⁵ / ₈ "	¹ / ₄ "
5114*	³ / ₈ "	⁵ / ₈ "	⁷ / ₈ "	⁵ / ₁₆ "
5116*	⁷ / ₁₆ "	⁹ / ₁₆ "	³ / ₄ "	¹ / ₄ "
5118*	⁷ / ₁₆ "	¹ / ₁₆ "	¹⁵ / ₁₆ "	⁵ / ₁₆ "
5120	¹ / ₂ "	¹³ / ₁₆ "	¹ / ₁₆ "	⁵ / ₁₆ "
5121	¹ / ₂ "	¹ / ₄ "	¹ / ₂ "	¹ / ₄ "
5122	⁹ / ₁₆ "	¹³ / ₁₆ "	¹ / ₁₆ "	⁵ / ₁₆ "
5124*	⁵ / ₈ "	⁷ / ₈ "	¹ / ₈ "	⁵ / ₁₆ "
5126	³ / ₄ "	⁷ / ₈ "	¹ / ₈ "	⁹ / ₃₂ "
5128	³ / ₄ "	¹ / ₁₆ "	¹ / ₈ "	³ / ₈ "
5129	³ / ₄ "	¹ / ₁₆ "	¹ / ₁₆ "	³ / ₈ "
5130	⁷ / ₈ "	¹ / ₄ "	¹ / ₈ "	⁷ / ₁₆ "
5132	1"	¹ / ₈ "	¹ / ₄ "	⁷ / ₁₆ "
5133	¹ / ₄ "	¹ / ₂ "	¹ / ₈ "	¹ / ₃₂ "
5134	¹ / ₂ "	¹ / ₄ "	² / ₈ "	⁷ / ₁₆ "
5136	² / ₈ "	² / ₂ "	² / ₈ "	⁷ / ₁₆ "
5137	² / ₂ "	² / ₄ "	3	⁵ / ₁₆ "
³/₃₂" groove width				
5140*	¹ / ₈ "	³ / ₈ "	¹ / ₂ "	⁵ / ₁₆ "
5142*	³ / ₁₆ "	⁹ / ₃₂ "	⁷ / ₁₆ "	⁷ / ₃₂ "
5144*	¹ / ₄ "	³ / ₈ "	¹ / ₂ "	¹ / ₄ "
5146*	⁵ / ₁₆ "	⁷ / ₁₆ "	⁵ / ₈ "	⁵ / ₁₆ "
5148*	¹ / ₂ "	³ / ₄ "	⁷ / ₈ "	¹ / ₃₂ "
¹/₈" groove width				
5149*	³ / ₈ "	⁵ / ₁₆ "	⁷ / ₁₆ "	¹ / ₄ "
5150*	³ / ₁₆ "	⁵ / ₁₆ "	⁷ / ₁₆ "	¹ / ₄ "
5152*	¹ / ₄ "	³ / ₈ "	¹ / ₂ "	⁹ / ₃₂ "
5153	¹ / ₄ "	⁷ / ₁₆ "	⁵ / ₈ "	¹ / ₄ "
5253*	⁵ / ₁₆ "	⁹ / ₁₆ "	¹³ / ₁₆ "	³ / ₈ "
5353	³ / ₈ "	¹ / ₂ "	⁵ / ₈ "	⁵ / ₁₆ "
5154	³ / ₈ "	¹⁷ / ₃₂ "	³ / ₄ "	¹ / ₂ "
5156*	³ / ₈ "	⁵ / ₈ "	⁷ / ₈ "	³ / ₈ "
5158	¹ / ₂ "	³ / ₄ "	1"	¹ / ₂ "
5159	¹ / ₂ "	¹³ / ₁₆ "	¹ / ₁₆ "	³ / ₈ "

part no.	inside dia.	groove dia.	outside dia.	overall thickness
¹/₈" groove width cont.				
5160	⁵ / ₈ "	⁷ / ₈ "	¹ / ₈ "	³ / ₈ "
5162	¹ / ₁₆ "	1"	¹⁵ / ₁₆ "	⁷ / ₁₆ "
5163	³ / ₄ "	1"	¹³ / ₁₆ "	³ / ₈ "
5164	³ / ₄ "	¹ / ₁₆ "	¹³ / ₈ "	⁷ / ₁₆ "
5166	⁷ / ₈ "	¹ / ₄ "	¹⁵ / ₈ "	¹ / ₂ "
5168	1"	¹³ / ₈ "	¹³ / ₄ "	¹ / ₂ "
5169	¹⁵ / ₁₆ "	¹⁵ / ₈ "	2	⁷ / ₁₆ "
5170	¹ / ₂ "	¹³ / ₄ "	² / ₈ "	¹ / ₂ "
5171	¹³ / ₄ "	2	²³ / ₈ "	³ / ₈ "
5172	² / ₈ "	² / ₂ "	²⁷ / ₈ "	⁷ / ₁₆ "
³/₁₆" groove width				
5180*	¹ / ₄ "	⁷ / ₁₆ "	⁵ / ₈ "	⁵ / ₁₆ "
5181	³ / ₁₆ "	⁵ / ₁₆ "	⁷ / ₁₆ "	⁵ / ₁₆ "
5182	³ / ₈ "	⁵ / ₈ "	⁷ / ₈ "	⁷ / ₁₆ "
5184	¹ / ₂ "	¹³ / ₁₆ "	¹ / ₁₆ "	⁷ / ₁₆ "
5183	⁵ / ₈ "	⁷ / ₈ "	¹ / ₈ "	⁷ / ₁₆ "
5283	³ / ₄ "	1"	¹ / ₄ "	⁹ / ₁₆ "
5186	⁷ / ₈ "	¹ / ₄ "	¹⁵ / ₈ "	⁹ / ₁₆ "
5286	1"	¹ / ₄ "	¹ / ₂ "	⁷ / ₁₆ "
5187	1"	¹³ / ₈ "	¹³ / ₄ "	⁹ / ₁₆ "
5188	¹ / ₂ "	¹³ / ₄ "	² / ₈ "	⁹ / ₁₆ "
5189	¹⁵ / ₈ "	2	² / ₄ "	³ / ₄ "
¹/₄" groove width				
5201	³ / ₁₆ "	⁵ / ₁₆ "	⁵ / ₁₆ "	³ / ₈ "
5202	¹ / ₄ "	⁷ / ₁₆ "	⁵ / ₈ "	³ / ₈ "
5208	⁵ / ₁₆ "	⁹ / ₁₆ "	¹³ / ₁₆ "	¹ / ₂ "
5204	³ / ₈ "	⁵ / ₈ "	⁷ / ₈ "	¹ / ₂ "
5205	¹ / ₂ "	¹³ / ₁₆ "	¹ / ₁₆ "	¹ / ₂ "
5206	⁵ / ₈ "	⁷ / ₈ "	¹ / ₈ "	¹ / ₂ "
5207	¹ / ₁₆ "	1	¹⁵ / ₁₆ "	⁹ / ₁₆ "
5192	³ / ₄ "	¹ / ₁₆ "	¹³ / ₈ "	⁹ / ₁₆ "
5193	⁷ / ₈ "	¹ / ₄ "	¹⁵ / ₈ "	⁵ / ₈ "
5194	1"	¹³ / ₈ "	¹³ / ₄ "	⁵ / ₈ "
5195	¹ / ₄ "	¹ / ₂ "	¹³ / ₄ "	¹ / ₂ "
5295	¹ / ₄ "	¹ / ₂ "	2"	¹⁶ / ₃₁ "
5196	¹ / ₂ "	¹³ / ₄ "	2"	¹ / ₂ "
5197	¹ / ₂ "	¹³ / ₄ "	² / ₈ "	⁵ / ₈ "
5198	¹³ / ₄ "	2"	² / ₂ "	¹⁴ / ₂₅ "
5199	2"	² / ₂ "	3"	⁹ / ₁₆ "
5200	² / ₂ "	² / ₄ "	³ / ₈ "	¹ / ₂ "
³/₈" groove width				
5300	¹ / ₂ "	¹³ / ₄ "	² / ₈ "	³ / ₄ "
5302	² / ₄ "	² / ₂ "	3"	³ / ₄ "
¹/₂" groove width				
5402	¹³ / ₄ "	2"	² / ₅ "	³ / ₄ "

* min qty: 100; all others min qty: 10



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Liquid Tight Strain Relief Cord Connectors

These cord connectors are used to secure a power supply cord to a piece of electrical equipment. They provide a liquid-tight seal on your power cord entry and reduce wire stress at connection point. Designed with vibration-proof protection up to 70 psi. Internationally approved to UL, CSA, VDE and SVE specifications. Seal meets IP68 requirements and is suitable for NEMA 4 and 6 connectors. Manufactured from nylon material with a TPE gland seal to help resist dust, salt water, weak acids, weak alkalis, alcohol, ester, ketone, ether, benzene, gas, mineral and animal and vegetable oils. NPT (National Pipe Thread) is the North American standard. PG is the European standard. Operating temp: -30°C to 100°C (-22°F to 212°F).



NPT Style Hub Standard Type

part no.	size	diameter range	max hole clearance	overall length
▶ 3614	1/4"	.065" - .210"	.540"	1.29"
▶ 3014		.115" - .250"		
▶ 3638	3/8"	.069" - .187"	.670"	1.49"
2638		.115" - .312"		
2612	1/2"	.170" - .450"	.875"	1.72"
▶ 3612		.230" - .546"		1.83"

part no.	size	diameter range	max hole clearance	overall length
▶ 3634	3/4"	.250" - .485"	1.068"	1.97"
2634DL		.450" - .709"		
▶ 3001	1"	.490" - .785"	1.326"	2.41"
2601		.590" - 1.000"		
▶ 3644	1 1/4"	.787" - 1.020"	1.680"	2.69"
▶ 2644		.865" - 1.260"		

*Nuts sold separately ▶ new product line extension



NPT Style Hub Flex Type

part no.	size	diameter range	max hole clearance	overall length
▶ 3738	3/8"	.069" - .187"	.670"	2.97"
2738		.181" - .312"		
2712	1/2"	.170" - .470"	.875"	4.09"

part no.	size	diameter range	max hole clearance	overall length
▶ 3712	1/2"	.230" - .546"	.875"	4.54"
▶ 3734	3/4"	.250" - .485"	1.068"	5.14"
2734		.450" - .709"		

*Nuts sold separately ▶ new product line extension



NPT Style Locking Nuts

part no.	size	mates with
▶ 2615	1/4"	3614/3014
2639	3/8"	2638/3638/2738/3738
2613	1/2"	2612/3612/2712/3712

part no.	size	mates with
2635	3/4"	2634DL/3634/2734/3734
2602DL	1"	2601/3001
▶ 2645	1 1/4"	3644/2644

▶ new product line extension



PG Style Hub Standard Type With Nut

part no.	size (PG#)	diameter range	max hole clearance	overall length
▶ 3651	(7)	.064" - .210"	.492"	1.17"
▶ 2651		.114" - .250"		
▶ 3650	3/8"(9)	.069" - .187"	.599"	1.30"
2650		.181" - .312"		
▶ 3652	(11)	.069" - .260"	.733"	1.46"
▶ 2652		.230" - .395"		

part no.	size (PG#)	diameter range	max hole clearance	overall length
▶ 2653	1/2"(13.5)	.170" - .450"	.804"	1.53"
▶ 2654	(16)	.230" - .546"	.886"	1.66"
▶ 3656	3/4"(21)	.250" - .485"	1.115"	1.87"
2656		.450" - .709"		
2659	1"(29)	.590" - .990"	1.470"	2.23"

▶ new product line extension



PG Style Hub Flex Type With Nut



part no.	size (PG#)	diameter range	max hole clearance	overall length
2751	(7)	.114" - .250"	.492"	2.44"
2750	(9)	.181" - .312"	.599"	2.77"

part no.	size (PG#)	diameter range	max hole clearance	overall length
2753	(13.5)	.170" - .450"	.804"	3.88"
2756	(21)	.450" - .709"	1.115"	5.03"



Sealing Washers



part no.	size
3615	1/4"
3639	3/8"

part no.	size
3613	1/2"
3635	3/4"

part no.	size
3602	1"
3645	1 1/4"

Standard Crimp Terminals

Del City terminals are manufactured of pure electrolytic copper (brass for push-on terminals) properly tempered. When crimping, the copper in the terminal barrel flows into and around the wire strands. The unique flowing ability of the copper terminals results in a fused connection of maximum strength and conductivity. Serration inside the barrels of small terminals (22–10 gauge) provides additional gripping power. Terminals are electro bright tin plated for maximum corrosion prevention.



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Terminal Types



Bullet

- Crimp & Heat Shrink
- Nylon w/Brass Sleeve
- Standard Nylon
- Vinyl



Butt & Parallel Connectors

- Crimp & Heat Shrink
- Crimp, Nylon & Heat Shrink
- Solder & Heat Shrink
- Lead-Free Solder & Heat Shrink
- Crimp, Solder & Heat Shrink
- Crimp, Lead-Free Solder & Heat Shrink
- Nylon - Sealant Filled
- Nylon w/Brass Sleeve
- Standard Nylon
- Vinyl
- High-Temp Steel
- Non-Insulated



Push-on (Quick Connect)

- Crimp & Heat Shrink
- Solder & Heat Shrink
- Solder & Heat Shrink - Lead-Free
- Crimp, Solder & Heat Shrink
- Crimp, Lead-Free Solder & Heat Shrink
- Nylon w/Brass Sleeve
- Standard Nylon
- Funnel Entry Vinyl
- Vinyl
- High-Temp Steel
- Non-Insulated



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Spade

- Crimp & Heat Shrink
- Nylon w/Brass Sleeve
- Standard Nylon
- Funnel Entry Vinyl
- Vinyl
- Non-Insulated



Ring

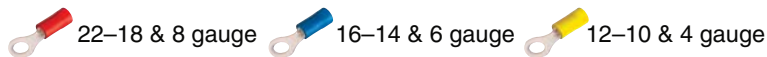
- Crimp & Heat Shrink
- Solder & Heat Shrink
- Lead-Free Solder & Heat Shrink
- Crimp, Solder & Heat Shrink
- Crimp, Lead-Free Solder & Heat Shrink
- Nylon w/Brass Sleeve
- Standard Nylon
- Funnel Entry Vinyl
- Vinyl
- High-Temp Steel
- Non-Insulated



Specialty

- Crimp & Heat Shrink
- Nylon w/Brass Sleeve
- Standard Nylon
- Vinyl
- Non-Insulated

INSULATION COLOR CODE



STUD SIZE



INSTALLATION



Insulation Types



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non-insulated



high temperature



vinyl-insulated butted seam barrel



vinyl-insulated funnel entry



nylon-insulated reinforced w/brass sleeve



clear nylon-insulated brazed barrel



crimp & heat shrink

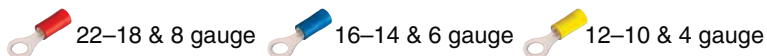


crimp, solder & heat shrink



solder & heat shrink

INSULATION COLOR CODE



INFORMATION

Non-insulated terminals are the most economical and are used where special performance or insulation characteristics are not necessary. Insulated terminals are used where an insulated barrel is necessary and desirable. Industry standard color coding of insulation indicates proper wire gauge.

Strip Length: 1/4"

Insulation Temperature: 105°C (221°F)

Voltage: 600V maximum, building wire; 1000V maximum, signs and fixtures.

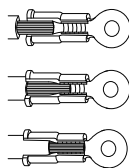
Tools: Follow manufacturing crimping instructions (one crimp only).

Caution: Appropriate electrical codes must be followed in all electrical work. Power must be off prior to installation and removal of wire connectors.

Notice: Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product.

INSTALLATION PROCEDURE:

Funnel Barrel Feature provides an excellent electrical and mechanical connection:



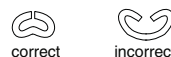
1. Funnel design guides wire into position.
2. No wire strand hang-up as the wire is inserted, giving a fast, positive installation.
3. Wire is in place, ready for crimping. For maximum crimping performance, the barrel of connector must be properly indexed in the crimp tool station.

Correct crimping is important to assure a strong connection.

Insulated Terminals & Connectors

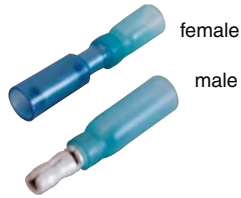


Non-insulated Terminals & Connectors



Indent should be opposite the barrel seam.

Adhesive-Lined Heat Shrink Terminals Ultra Performance



Heat Shrink - Crimp

gauge	male/female	inside width standard			ratings/cert.
		.156"	.176"	tubing	
16-14	female	961005	962095	.235	RoHS
16-14	male	962005	962075	.235	
20-18	female	961000	962090	.235	
20-18	male	962000	962070	.235	

min. 10 pcs.



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molex ▶ NEW! Perma-Seal™ Heat Shrink - Crimp



gauge	male/female	inside width standard				ratings/cert.
		.156"	tubing	.176"	tubing	
16-14	female	961009	0.230	962079	0.230	RoHS UL CSA
16-14	male	962009	0.264	962099	0.230	
22-18	female	961019	0.235	962999	0.235	
22-18	male	962019	0.235	962179	0.235	

min. 10 pcs.

Nylon Insulated Terminals Premium Performance

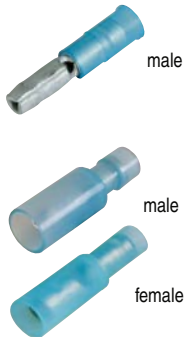
Nylon W/Brass Sleeve (Double Crimp)



gauge	male/female	inside width standard		ratings/cert.
		0.156" (stock .030)	0.180" (stock .030)	
22-18	male	641205	—	RoHS
16-14	male	642205	642405	

min. 100 pcs.

Clear Nylon



gauge	male/female	inside width standard		ratings/cert.
		0.156" (stock .030)	0.180" (stock .030)	
22-18	male	841205	841405	RoHS
16-14	male	842205	842405	
inside width fully insulated				
22-18	male	800525	—	RoHS
16-14	male	800565	—	
22-18	female	800725	800925	
16-14	female	800735	800935	

min. 100 pcs.

Vinyl Insulated Terminals Standard Performance

Vinyl



gauge	male/female	inside width		ratings/cert.
		0.156" (stock .020)	0.180" (stock .030)	
22-18	male	441205	441405	RoHS
16-14	male	440205	442405	
22-18	female	449105	—	
16-14	female	449205	449255	
3-way std.*	female	449005	—	

min. 100 pcs.
3-way std. min. 10 pcs.

Butt Connectors



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molex



Adhesive-Lined Heat Shrink Terminals Ultra Performance

Heat Shrink - Crimp

gauge	butted seam	seamless	brazed barrel	tubing ID	ratings/cert.
24-22	920005	—	—	.125	RoHS UL CSA
22-18	—	921005	—	.186	
16-14	—	922005	—	.216	
12-10	—	923005	—	.279	
8	—	—	924005	.330	

min. 10 pcs.



Perma-Seal™ Heat Shrink - Crimp

gauge	seamless barrel	tube ID	ratings/cert.
22-18	921009	0.185	RoHS UL CSA
16-14	922009	0.195	
12-10	923009	0.275	
8	924009	0.300	

min. 10 pcs.

Window Heat Shrink - Crimp

gauge	seamless barrel	tubing ID	ratings/cert.
22-18	923020	.186	RoHS UL CSA
16-14	923015	.216	
12-10	923010	.279	

min. 10 pcs.

Clear-View Heat Shrink - Crimp

gauge	seamless barrel	tubing ID	ratings/cert.
22-18	941005	.186	RoHS
16-14	942005	.216	
12-10	943005	.279	

min. 10 pcs.

Nylon Sleeve & Heat Shrink - Crimp

gauge	seamless barrel	tubing ID	ratings/cert.
22-18	923035	.187	RoHS UL CSA
16-14	923030	.250	
12-10	923025	.375	

min. 10 pcs.

Step-Down Heat Shrink - Crimp

gauge	part no.	tubing ID	ratings/cert.
24-22 / 20-18	921110	.186	RoHS UL CSA
22-18 / 16-14	921115	.216	
16-14 / 12-10	922225	.279	
12-10 / 8	923335	.330	

min. 10 pcs.

molex



Perma-Seal™ Step-Down Heat Shrink - Crimp

gauge	part no.	tubing ID	ratings/cert.
22-18/16-14	921119	0.195	RoHS UL CSA
16-14/12-10	922229	0.280	

min. 10 pcs.

Clear-View, Step-Down Heat Shrink - Crimp

gauge	part no.	tubing ID	ratings/cert.
24-22 / 20-18	941110	.186	RoHS
22-18 / 16-14	941115	.216	
16-14 / 12-10	942225	.279	
12-10 / 8	943335	.330	

min. 10 pcs.



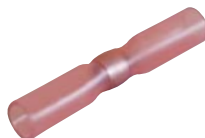
Multi-Wire Heat Shrink - Crimp

gauge		part no.	tube color	tubing ID	ratings/cert.
1 wire	2 wire				
24-22	24-22	940000	clear/white dash	.220	RoHS UL CSA
22-18	20-18	940005	clear/red dash	.300	
16-14	16-14	940010	clear/blue dash	.350	
12-10	12-10	940015	clear/yellow dash	.450	

min. 10 pcs.



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Heat Shrink - Solder

gauge	part no.	tubing ID	ratings/cert.
24-22	966605	.125	UL CSA
20-18	966615	.227	
16-14	966625	.255	
12-10	966635	.320	
8	966645	.330	

min. 10 pcs.



View the inside catalog cover for Prop 65 Warning.



Heat Shrink - Lead-Free Solder

gauge	part no.	tubing ID	ratings/cert.
24-22	966605LF	.125	RoHS
22-18	966615LF	.227	
16-14	966625LF	.255	
12-10	966635LF	.320	
8	966645LF	.330	

min. 10 pcs.



Heat Shrink - Crimp & Solder

gauge	brazed barrel	tubing ID	ratings/cert.
24-22	980005	.125	—
22-18	981005	.227	
16-14	982005	.255	
12-10	983005	.320	

min. 10 pcs.



Heat Shrink - Crimp & Lead-Free Solder

gauge	part no.	tubing ID	ratings/cert.
24-22	980005LF	.125	RoHS
22-18	981005LF	.227	
16-14	982005LF	.255	
12-10	983005LF	.320	

min. 10 pcs.



Step-Down Heat Shrink - Crimp & Solder

gauge	part no.	tubing ID	ratings/cert.
26-24 / 22-18	931110	.186	—
22-18 / 16-14	931115	.216	
16-14 / 12-10	932225	.279	
12-10 / 8	933335	.330	

min. 10 pcs.



Step-Down Heat Shrink - Crimp & Lead-Free Solder

gauge	part no.	tubing ID	ratings/cert.
24-22 / 20-18	931110LF	.186	RoHS
22-18 / 16-14	931115LF	.216	
16-14 / 12-10	932225LF	.279	
12-10 / 8	933335LF	.330	

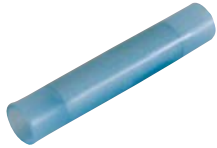
min. 10 pcs.



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Heatless & Weather Resistant

gauge	seamless	stock	ratings/cert.
22-18	951005	.030	RoHS UL CSA
16-14	952005	.030	
12-10	953005	.040	

min. 10 pcs.

Nylon With Brass Sleeve (Double Crimp)

gauge	butted seam	stock	ratings/cert.
22-18	521005	.030	RoHS UL CSA
16-14	522005	.030	
12-10	523005	.040	

min. 100 pcs.

Clear Nylon

gauge	brazed barrel	solid barrel	stock	ratings/cert.
22-18	821005	841005	.030	RoHS UL CSA
16-14	822005	842005	.030	
12-10	823005	843005	.040	

min. 100 pcs.

Vinyl Insulated & Non-Insulated Terminals

Standard Performance



Vinyl

gauge	butted seam	stock	ratings/cert.
22-18**	421005	.030	RoHS UL CSA
16-14**	422005	.030	
12-10**	423005	.040	
8*	424005	.050	
6*	425005	.050	
4*	426005	.075	

*min. 25 pcs. **min. 100pc

Step-Down Clear Vinyl

gauge	solid barrel	stock	ratings/cert.
26-24 / 22-18	420115DL	.030	RoHS
22-18 / 16-14	421115	.030	
16-14 / 12-10	422115	.030	
12-10 / 8	423115	.040	

min. 10 pcs.

Nickel-Plated Steel, High Temperature

gauge	butted seam	stock	ratings/cert.
22-18	321005	.030	RoHS rated to 482°C (900°F)
16-14	322005	.030	
12-10	323005	.040	

min. 100 pcs.

Standard

gauge	brazed barrel	solid barrel	stock	ratings/cert.
22-18	221005	241005	.030	RoHS UL CSA
16-14	222005	242005	.030	
12-10	223005	243005	.040	

min. 100 pcs.

Step-Down Standard

gauge	solid barrel	stock	ratings/cert.
26-24 / 22-18	220115	.030	RoHS
22-18 / 16-14	221115	.030	
16-14 / 12-10	222115	.030	
12-10 / 8	223115	.040	

min. 10 pcs.





Parallel Standard

part no.	wire range	stock	ratings/cert.
214105	1#22 to 1#22, 20, 18, 16 1#20 to 1#20,18, 16 1#18 to 1#18	.030	RoHS UL CSA
214205	1#22 to 1#14 1#20 to 1#14 1#18 to 1#16, 14 1#16 to 1#16	.030	
214305	1#18 to 1#12, 10 1#16 to 1#14, 12, 10 1#14 to 1#14, 12, 10 1#12 to 1#12	.040	
214405	1#18 to 1#8 1#16 to 1#8 1#14 to 1#8 1#12 to 1#10	.050	
214505	1#14 to 1#6 1#12 to 1#8, 6 1#10 to 1#10, 8, 6 1#8 to 1#8	.050	
214605	1#12 to 1#4 1#10 to 1#4 1#8 to 1#6	.075	

min. 25 pcs.



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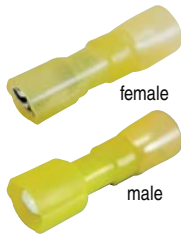
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Push-On Terminals

Adhesive-Lined Heat Shrink Terminals

Ultra Performance

Heat Shrink – Crimp



gauge	male/female	inside width .250"		tubing ID	ratings/cert.
		fully insulated			
22-18	female	964005		.186	RoHS
16-14	female	964205		.216	
12-10	female	964405		.279	
22-18	male	964105		.186	
16-14	male	964305		.216	
12-10	male	964505		.279	

min. 10 pcs.



Perma-Seal™ Heat Shrink - Crimp



gauge	male/female	inside width .250"		tubing ID	ratings/cert.
		fully insulated			
22-18	female	964009		0.170	RoHS UL CSA
16-14	female	964209		0.180	
12-10	female	964409		0.230	
22-18	male	964109		0.170	
16-14	male	964309		0.180	
12-10	male	964509		0.230	

min. 10 pcs.



Clear-View Heat Shrink - Crimp



gauge	male/female	inside width .250"		tubing ID	ratings/cert.
		fully insulated			
22-18	female	944005		0.186	RoHS
16-14	female	944205		0.216	
12-10	female	944405		0.279	
22-18	male	944105		0.186	
16-14	male	944305		0.216	
12-10	male	944505		0.279	

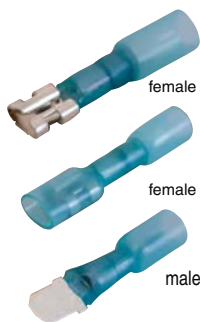
min. 10 pcs.



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Heat Shrink – Crimp & Solder

gauge	male/female	inside width .250"		tubing ID	ratings/cert.
		standard	fully-insulated		
22-18	female	977815	977715	.186	—
16-14	female	977835	977735	.216	
12-10	female	977865	977755	.279	
20-18	male	977725	—	.186	
16-14	male	977745	—	.216	
12-10	male	977765	—	.279	

min. 10 pcs.

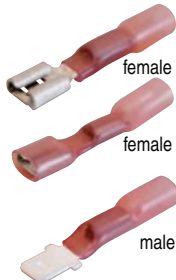
Heat Shrink - Crimp & Lead-Free Solder



gauge	male/female	inside width .250"		tubing ID	ratings/cert.
		standard	fully-insulated		
22-18	female	—	977715LF	.186	RoHS UL CSA
16-14	female	977835LF	977735LF	.216	
12-10	female	—	977755LF	.279	
22-18	male	977725LF	—	.186	
16-14	male	977745LF	—	.216	
12-10	male	977765LF	—	.279	

min. 10 pcs.

Heat Shrink – Solder



gauge	male/female	inside width .250"		tubing ID	ratings/cert.
		standard	fully-insulated		
22-18	female	966815	966715	.186	CSA
16-14	female	966835	966735	.216	
12-10	female	966855	966755	.279	
20-18	male	966725	—	.186	
16-14	male	966745	—	.216	
12-10	male	966765	—	.279	

min. 10 pcs.

Nylon W/Brass Sleeve (Double Crimp)



gauge	male/female	inside width standard			ratings/cert.
		0.110" (stock .020)	0.187" (stock .020)	0.250" (stock .032)	
		22-18	female	—	
16-14	female	692115	692705	692005	
12-10	female	—	—	693005	
22-18	male	—	631705	631005	
16-14	male	—	632705	632005	
12-10	male	—	—	633005	
fully insulated					
22-18	female	—	690185	690005	
16-14	female	—	694185	694005	
12-10	female	—	—	695005	
22-18	male	—	630185	630005	
16-14	male	—	634185	634005	
12-10	male	—	—	635005	

min. 100 pcs.

Clear Nylon



gauge	male/female	inside width standard		ratings/cert.	
		0.187" (stock .020)	0.250" (stock .032)		
22-18	female	891705	891005	RoHS UL CSA	
16-14	female	892705	892005		
12-10	female	—	893005		
22-18	male	831705	831005		
16-14	male	832705	832005		
12-10	male	—	833005		
fully insulated					
22-18	female	890185	890005		
16-14	female	894185	894005		
12-10	female	—	895005		
22-18	male	830185	830005		
16-14	male	834185	834005		
12-10	male	—	835005		

min. 100 pcs.



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Flag Style, Clear Nylon



gauge	inside width standard		ratings/cert.
	0.250" (stock .020)		
22-18	894105		RoHS
16-14	894205		

may require special crimp tool, min. 100 pcs.

Piggy-Back Nylon

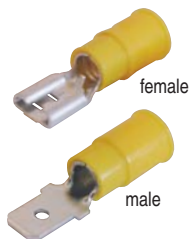


gauge	inside width standard		ratings/cert.
	.250" (stock .032)		
22-18	900665		UL CSA
16-14	900675		
12-10	900685		

▶ new product line extension

min. 100 pcs.

Vinyl, Funnel Entry



gauge	male/female	inside width standard		ratings/cert.
		0.187" (stock .020)	0.250" (stock .032)	
22-18	female	591705	591005	RoHS UL CSA
16-14	female	592705	592005	
12-10	female	—	593005	
22-18	male	531705	531005	
16-14	male	532705	532005	
12-10	male	—	533005	

min. 100 pcs.



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Vinyl

gauge	male/female	inside width standard				ratings/cert.
		0.110" (stock .020)	0.187" (stock .020)	0.250" (stock .032)	0.375" (stock .047)	
22-18	female	491185	491705	491005	—	RoHS UL CSA
16-14	female	492115	492705	492005	—	
12-10	female	—	—	493005	—	
22-18	male	431185	431705	431005	—	
16-14	male	432115	432705	432005	—	
12-10	male	—	—	433005	—	
fully insulated						
22-18	female	—	490185	490105	—	
16-14	female	—	494185	490205	—	
12-10	female	—	—	490305	—	
12-10	female	—	—	—	493805	

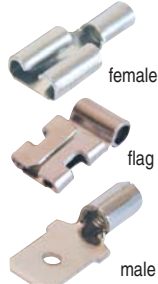
min. 100 pcs.



Vinyl Piggy-Back

gauge	inside width standard		ratings/cert.
	0.250" (stock .032)		
22-18	400665		RoHS
16-14	400675		
12-10	400685		

min. 100 pcs.



Nickel-Plated Steel, High Temperature

gauge	male/female	inside width	ratings/cert.
		0.250" (stock .032)	
16-14	female	392005	RoHS UL CSA rated to 482°C (900°F)
16-14	female flag	392105	
16-14	male	332005	

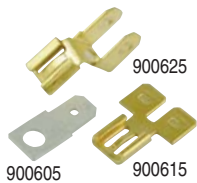
min. 100 pcs.



Standard

gauge	male/female	inside width		ratings/cert.
		0.187" (stock .020)	0.250" (stock .032)	
22-18	female	191705	191005	RoHS UL CSA
16-14	female	192705	192005	
12-10	female	—	193005	
16-14	female flag	192175	192105	
22-18	male	131705	131005	
16-14	male	132705	132005	
12-10	male	—	133005	
20-18	—	—	100665	
16-14	—	—	100675	
12-10	—	—	100685	

min. 100 pcs.



Standard Adapters

gauge	inside width	ratings/cert.
	.250"	
no. 8 stud	900605	RoHS UL CSA
2 to 1 flat	900615	
2 to 1 elbow	900625	

min. 100 pcs.

DIMENSION CHART

stud size	hole dia.	stud dia.	stud size	hole dia.	stud dia.	stud size	hole dia.	stud dia.	stud size	hole dia.	stud dia.
4	.120	.112	8	.173	.164	1/4"	.266	.250	3/8"	.391	.375
6	.146	.138	10	.198	.190	5/16"	.328	.312	1/2"	.516	.500

STUD SIZE



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Adhesive-Lined Heat Shrink Terminals

Ultra Performance

Heat Shrink - Crimp



gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	951065	951085	951105	951145	951565	951385	—	.186	RoHS UL CSA
16-14	—	952065	952085	952105	952145	952565	952385	—	.216	
12-10	—	953065	953085	953105	953145	953565	953385	953125	.279	
8	—	—	—	954105	954145	954565	954385	954125	.330	

min. 10 pcs.

molex



Perma-Seal™ Heat Shrink - Crimp



gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	951069	951089	951109	951149	—	951389	—	0.235	RoHS UL CSA
16-14	—	952069	952089	952109	952149	952569	952389	—	0.235	
12-10	—	—	953089	953109	953149	953569	953389	—	0.310	
8	—	—	—	954109	954149	—	954389	—	0.375	

min. 10 pcs.

Clear-View Heat Shrink - Crimp



gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	981065	981085	981105	—	—	—	—	.030	RoHS UL CSA
16-14	—	982065	982085	982105	982145	982565	982385	—	.030	
12-10	—	—	983085	983105	983145	983565	983385	—	.040	

min. 10 pcs.

Lug Style Heat Shrink - Crimp



gauge	stud size					tube ID	ratings/cert.
	10	1/4"	5/16"	3/8"	1/2"		
8	984105	984145	984565	984385	984120	.330	RoHS UL CSA

min. 10 pcs.

Heat Shrink - Long Neck Crimp



gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	991065	991084	991105	—	—	—	—	.186	RoHS
16-14	—	992065	992085	992105	992145	992565	992385	—	.216	
12-10	—	—	993085	993105	993145	993565	993385	—	.279	

min. 10 pcs.

Heat Shrink - Multi-Stud Crimp



gauge	stud size		tube ID	ratings/cert.
	6, 8, & 10			
22-18	958105		.186	RoHS UL CSA
16-14	959105		.216	

min. 10 pcs.



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Heat Shrink - Solder

gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	966405	966415	966425	966435	966445	—	—	.186	UL CSA
16-14	—	966465	966475	966485	966495	966505	966515	—	.216	
12-10	—	—	—	966525	966535	966545	966555	966565	.279	

min. 10 pcs.



Heat Shrink - Lead-Free Solder

gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	—	—	966425LF	966435LF	966445LF	—	—	.186	RoHS
16-14	—	—	—	966485LF	966495LF	966505LF	—	—	.216	
12-10	—	—	—	966525LF	966535LF	966545LF	966555LF	—	.279	

min. 10 pcs.



Heat Shrink - Crimp & Solder

gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	971065	971085	971105	971145	971565	971385	—	.186	—
16-14	—	972065	972085	972105	972145	972565	972385	—	.216	
12-10	—	973065	973085	973105	973145	973565	973385	973125	.279	

min. 10 pcs.



Heat Shrink - Crimp & Lead-Free Solder

gauge	stud size								tube ID	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	—	971085LF	971105LF	971145LF	971565LF	971385LF	—	.186	RoHS
16-14	—	—	972085LF	972105LF	972145LF	972565LF	972385LF	—	.216	
12-10	—	—	—	973105LF	973145LF	973565LF	973385LF	—	.279	

min. 10 pcs.

Nylon & Vinyl Insulated Terminals

Premium Performance



Nylon W/Brass Sleeve (Double Crimp)

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	651045	651065	651085	651105	651145	651565	—	—	.030	RoHS UL CSA
16-14	652045	652065	652085	652105	652145	652565	652385	—	.030	
12-10	—	653065	653085	653105	653145	653565	653385	653125	.040	

min. 100 pcs.



Clear Nylon

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	851045	851065	851085	851105	851145	851565	—	—	.030	RoHS UL CSA
16-14	852045	852065	852085	852105	852145	852565	852385	—	.030	
12-10	—	853065	853085	853105	853145	853565	853385	853125	.040	

min. 100 pcs.



Vinyl, Funnel Entry

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	551045	551065	551085	551105	551145	551565	—	—	.030	RoHS UL CSA
16-14	552045	552065	552085	552105	552145	552565	552385	—	.030	
12-10	—	553065	553085	553105	553145	553565	553385	553125	.040	

min. 100 pcs.

Vinyl



gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18*	451045	451065	451085	451105	451145	451565	—	—	.030	RoHS UL CSA
16-14*	452045	452065	452085	452105	452145	452565	452385DL	—	.030	
12-10*	—	453065	453085	453105	453145	453565	453385DL	453125	.040	
8**	—	—	454085	454105	454145	454565	454385	454125	.050	
6***	—	—	—	455105	455145	455565	455385	455125	.060	
4***	—	—	—	—	456145	456565	456385	456125	.075	

*min. 100 pcs., **min. 50 pcs., ***min 25 pcs.



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Nickel-Plated Steel, High Temperature



gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	351065	—	351105	351145	—	—	—	.030	RoHS UL CSA rated to 482°C (900°F)
16-14	—	352065	—	352105	352145	—	—	—	.030	
12-10	—	353065	—	353105	353145	—	353385	—	.040	

min. 100 pcs.

Standard



gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18*	151045	151065	151085	151105	151145	151565	—	—	.030	RoHS UL CSA
16-14*	152045	152065	152085	152105	152145	152565	152385	—	.030	
12-10*	—	153065	153085	153105	153145	153565	153385	153125DL	.040	
8**	—	—	254085	254105	254145	254565	254385	254125	.050	
6***	—	—	—	255105	255145	255565	255385	255125	.050	
4***	—	—	—	—	256145	256565	256385	256125	.050	

*min. 100 pcs., **min. 50 pcs., ***min 25 pcs.

Long Neck, Color Coded



gauge	stud size								tube ID	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	191065	191085	191105	—	—	—	—	.030	RoHS
16-14	—	192065	192085	192104	192145	192565	192385	—	.030	
12-10	—	—	193085	193105	193145	193565	193385	—	.040	

min. 10 pcs.

Spade Terminals



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Adhesive-Lined Heat Shrink Terminals

Ultra Performance



Heat Shrink - Crimp

gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	961065	961085	961105	—	—	—	—	.030	RoHS UL CSA
16-14	—	962065	962085	962105	—	—	—	—	.030	
12-10	—	963065	963085	963105	963145	—	—	—	.040	

min. 10 pcs.

molex

NEW!



Perma-Seal™ Heat Shrink - Crimp

gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	961069	—	—	—	—	—	—	0.235	RoHS UL CSA
16-14	—	962069	962089	962109	—	—	—	—	0.235	
12-10	—	—	963089	—	—	—	—	—	0.235	

min. 10 pcs.

Nylon & Vinyl Insulated Terminals

Premium Performance



Narrow Block Nylon With Brass Sleeve (Double Crimp)

gauge	stud size								tubing ID	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	660145	660165	660185	660105	—	—	—	—	.186	RoHS UL CSA
16-14	660245	660265	660285	660205	—	—	—	—	.216	
12-10	—	660365	660385	660305	—	—	—	—	.279	

min. 100 pcs.



Clear Nylon

gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	861065	861085	861105	—	—	—	—	.030	RoHS UL CSA
16-14	—	862065	862085	862105	—	—	—	—	.030	
12-10	—	863065	863085	863105	—	—	—	—	.040	

min. 100 pcs.



Narrow Block, Clear Nylon

gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	860165	860185	860105	—	—	—	—	.030	RoHS UL CSA
16-14	—	860265	860285	860205	—	—	—	—	.030	
12-10	—	860365	860385	860305	—	—	—	—	.040	

min. 100 pcs.



Flanged, Clear Nylon

gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	801065	801085	801105	—	—	—	—	.030	RoHS
16-14	—	802065	802085	802105	—	—	—	—	.030	
12-10	—	803065	803085	803105	—	—	—	—	.040	

min. 100 pcs.



Narrow Block, Vinyl, Funnel Entry

gauge	stud size								stock	ratings/ cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	560145	560165	560185	—	—	—	—	—	.030	RoHS UL CSA
16-14	560245	560265	560285	560205	—	—	—	—	.030	
12-10	—	560365	560385	560305	—	—	—	—	.040	

min. 100 pcs.



Vinyl, Funnel Entry

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	561065	561085	561105	—	—	—	—	.030	—
16-14	—	562065	562085	562105	—	—	—	—	.030	
12-10	—	563065	563085	563105	—	—	—	—	.040	

min. 100 pcs.



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Nylon With Brass Sleeve (Double Crimp)

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	—	—	—	—	—	—	—	.030	—
16-14	—	662065	662085	662105	—	—	—	—	.030	
12-10	—	663065	663085	663105	—	—	—	—	.040	

min. 100 pcs.



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Vinyl Insulated & Non-Insulated Terminals

Standard Performance



Vinyl

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	461065	461085	461105	—	—	—	—	.030	RoHS UL CSA
16-14	—	462065	462085	462105	—	—	—	—	.030	
12-10	—	463065	463085	463105	—	—	—	—	.040	

min. 100 pcs.



Flanged, Vinyl

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	401065	401085	401105	—	—	—	—	.030	RoHS UL CSA
16-14	—	402065DL	402085	402105	—	—	—	—	.030	
12-10	—	403065	403085	403105	—	—	—	—	.040	

min. 100 pcs.



Standard

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	161065	161085	161105	—	—	—	—	.030	RoHS UL CSA
16-14	—	162065	162085	162105	—	—	—	—	.030	
12-10	—	163065	163085	163105	—	—	—	—	.040	

min. 100 pcs.



Locking Spade, Vinyl

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	481065	481085	481105	—	—	—	—	.030	—
16-14	—	482065	482085	482105	—	—	—	—	.030	
12-10	—	483065	483085	483105	—	—	—	—	.040	

min. 100 pcs.



Nickel-Plated Steel, High Temperature

gauge	stud size								stock	ratings/cert.
	4	6	8	10	1/4"	5/16"	3/8"	1/2"		
22-18	—	—	—	361105	—	—	—	—	.030	—
16-14	—	—	—	362105	—	—	—	—	.030	
12-10	—	—	—	363105	—	—	—	—	.040	

min. 100 pcs.

Specialty Terminals



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Adhesive-Lined Heat Shrink Terminals

Ultra Performance



Y Connectors Heat Shrink - Crimp

gauge	part no.	stud	tubing ID	ratings/cert.
22-18	965100	8	.215	RoHS
16-14	965105	8	.235	
12-10	965125	8	.310	

min. 10 pcs.



X Connectors Heat Shrink - Crimp

gauge	part number	tubing ID	ratings/cert.
22-18	910210	.215	RoHS UL CSA
16-14	910205	.235	
12-10	910200	.310	

min. 10 pcs.

Nylon & Vinyl Insulated Terminals

Premium Performance



410205

X & Y Connectors

gauge	x style	y style	stud size	stock	ratings/cert.
16-14	410205	411205	8	.030	RoHS

min. 25 pcs.



Nylon W/Brass Sleeve (Double Crimp) Pin

gauge	pin diameter		stock	ratings/cert.
	0.080"	0.110"		
22-18	644105	—	.030	RoHS
16-14	644205	—	.030	
12-10	—	644305	.040	

min. 100 pcs.



411205

Vinyl, Funnel Entry Pin

gauge	pin diameter		stock	ratings/cert.
	0.080"	0.110"		
22-18	544105	—	.030	RoHS
16-14	544205	—	.030	
12-10	—	544305	.040	

min. 100 pcs.

Non-Insulated Terminals

Standard Performance



900605

900625

900615

Standard Adapter

gauge	inside width		ratings/cert.
	.250"		
no. 8 stud	900605		RoHS UL CSA
2 to 1 flat	900615		
2 to 1 elbow	900625		

min. 100 pcs.


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Hard Plastic Wire Connectors

Resists chemical action from hydrocarbons, dilute acid or alkaline solutions. Their flame-retardant properties resist heat distortion up to 105°C (221°F) and the high-dielectric shell features a deep skirt design to prevent exposure of bare wire. Copper to copper connections only.

part no.	pkg qty	color	wire range	ratings/cert.
901455	100	red	#18 to #10 (min: 2#14, max: 2#10 w/2#12)	UL
901450	250	red	#18 to #10 (min: 2#14, max: 2#10 w/2#12)	
901475	100	gray	#22 to #16 (min: 3#22, max: #20 w/1#22)	
901485	100	blue	#22 to #16 (min: 3#22, max: 3#16)	
901435	100	orange	#22 to #14 (min: 3#20, max: 4#16 w/1#20)	
901430	500	orange	#22 to #14 (min: 3#20, max: 4#16 w/1#20)	
901445	100	yellow	#22 to #10 (min: 6#22)	
901440	500	yellow	#22 to #10 (min: 3#12)	



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Winged Hard Plastic Wire Connectors

The wings on these connectors are knurled for a better grip and offset from their centerline for greater twisting leverage. A square-wire plated spring instantly adjusts to the shape and size of the splice. Flame-retardant properties resist heat distortion up to 105°C (221°F). A high-dielectric shell features a deep skirt design to prevent exposure of bare wire. Copper to copper connections only.

part no.	pkg qty	color	wire range	ratings/cert.
901490	500	yellow	#22 to #10 (min: #2 to #18, max: 3#12)	UL
901500	500	red	#22 to #6 (min: 2#14, max: 5#12)	


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Grounding Wire Connectors

These connectors are specifically designed for making secure ground connections. The contoured, offset wings enable firm ground connections. A flame retardant, thermoplastic shell resists punctures, cuts, abrasion and corrosion. Solid copper to copper connections only.

part no.	pkg qty	color	wire range	ratings/cert.
901510	500	green	#14 to #10 (min: 2#14, max: 4#12)	UL


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Hex-Lok® Wire Connectors

The unique head design allows for socket installation to help relieve hand stress. A square-wire spring grabs and holds wires for a secure connection, and a long skirt covers stripped wires. Rated at 600V max in building wire and at 1000V max in lighting fixtures/luminaries and signs. Copper to copper connections only.

part no.	pkg qty	color	wire range	ratings/cert.
901550	250	gray	#14 to #6 (min: 3#14, max: 1#6 w/1#8)	UL
901560	500	tan	#22 to #8 (min: 3#22, max: 4#12 w/2#18)	


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Bender

Uni-Lok® Wire Connectors

The swept mini-wings provide additional torque. A square-wire spring grabs and holds wires for a secure connection, while the long skirt covers stripped wires. Rated at 600V max in building wire and at 1000V max in lighting fixtures/luminaries and signs. Copper to copper connections only.

part no.	pkg qty	color	wire range	ratings/cert.
901570	500	yellow	#22 to #12 (min: 4#22, max: 3#12)	UL
901580	500	red	#22 to #10 (min: 3#20, max: 5#12)	


3M

Scotchlok 2® Connectors

With an increased wire range, these 3 connector sizes can now do jobs it used to take 8 connector sizes to accomplish. A flexible skirt provides protection and readily bends to conform in tight places. UL and CSA rated. Rated to 600V.

part no.	pkg qty	color	wire range	ratings/cert.
901505	100	blue, orange wing style	2#22 - 2#12	UL CSA
901525	100	yellow, red wing style	2#18 - 2#8, 4#14 - 3#12 6#14 - 4#12, 5#12 - 3#10	
901535	100	gray, blue wing style	4#14 - 5#10	



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Closed End Connectors

Used in situations requiring a pigtail of two or more wires. These closed end connectors feature translucent nylon insulation and a tin-plated copper sleeve. Rated to 300V.

part no.	pkg qty	gauge	ratings/cert.
901205	100	22-18	UL
901215	100	22-14	
901225	100	22-10	



Multiple Wire Sealed Closed End Connectors with 2:1 Heat Shrink

The extra-active, free-flowing adhesive lining within these connectors encapsulate multiple wires, helping eliminate wire pull-out and making the connection weatherproof.

part no.	pkg qty	color	gauge	ratings/cert.
902205	10	clr/blue dash	22-14	—
902215	10	clr/yellow dash	18-10	



2 to 1 Wire Butt Connector with 4:1 Ratio Heat Shrink

The extra-active, free-flowing adhesive lining within these connectors encapsulate multiple wires, helping eliminate wire pull-out and making the connection weatherproof. A clearly marked dashed line helps to quickly identify wire gauge range and crimp die set.

part no.	pkg qty	gauge		tube color	tubing ID	ratings/cert.
		1 wire	2 wire			
940000	10	24-22	24-22	clear/white dash	.220	UL CSA
940005	10	22-18	20-18	clear/red dash	.300	
940010	10	16-14	16-14	clear/blue dash	.350	
940015	10	12-10	12-10	clear/yellow dash	.450	



Super B Wire Connectors

Large opening to accommodate multiple wires and heavier wire insulation. Razor-sharp piercing teeth to bite through insulation for a connection with no wire stripping. The unique funnel-entry design allows for easier wire insertion by eliminating wire hang-up and positions wires perfectly for a single crimp. Blue connectors contain a non-curing sealant for a moisture-resistant barrier. The sealant will not leak out when crimped. White connectors do not contain sealant. ISO 9001 and UL E172979. Temperature Range: -50°C to 246°C (-60°F to 475°F)



part no.	pkg qty	description	color	ratings/cert.
901600	100	no sealant	white	UL
901602	100	with sealant	blue	

Quick Splices

Quick splices are used for quick connections with no wire stripping. Simply insert both wires, squeeze down the metal insert with a pliers and snap the cover in place.



part no.	pkg qty	description	gauge	ratings/cert.
905585	100	red, closed port	22-18	UL
904485				—
905605	100	white, open port	18-14	UL
905655				—
905595	100	blue, closed port	18-14	UL
904445				—
905625	100	yellow, 300V	12-10	UL
904625				—
905615	100	brown, 300V	connects 18-10 to 16-12	CSA



Tap Connectors (moisture resistant)

This electrical tap connector contains a mineral oil base dielectric grease. When closed, this grease provides a moisture resistant barrier to destructive substances such as salt water and other corrosive environments. 18-14 gauge, 600V, 90°C (194°F). 18 gauge: 7 amps; 16 gauge: 10 amps; 14 gauge: 15 amps.

part no.	pkg qty	description	ratings/cert.
905665	100	tap connector	UL



Pigtail Connectors

Self-stripping electrical pigtail connectors are capable of connecting 2 or 3 wires in the range of No. 22 thru No.14 AWG solid or stranded copper wire. The insulator body and cap are manufactured of a flame retardant nylon and contain an EG-3 grease sealant providing a moisture resistant seal. Connectors are UL Listed and CSA certified for 600V maximum, building wire: 1000V maximum, signs, fixtures and luminaries, and temperature rated 105°C (221°F).

part no.	pkg qty	wire gauge	ratings/cert.
905635	20	22-14	UL, CSA

964DL


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Ox-Gard™ Anti-Oxidant Compound

Penetrates aluminum oxide to maintain inter-strand and inter-conductor current paths.

part no.	description
961DL	1 oz squeeze tube
964DL	4 oz squeeze tube

961DL



908085

908065

908075

T-tap Female Connectors

The insulator is made of a flame retardant nylon and the element is tin-plated brass. Close connector over the wire and connect a .250" x .032" male tab push-on to opposite end. Connectors are UL Listed and CSA certified for 600V maximum, building wire: 1000V maximum, signs, fixtures and luminaries, and temperature rated 105°C (221°F).

part no.	pkg qty	color	gauge	inside width	ratings/cert.
908065	100	red	22-18 ga	.250"	UL, CSA
908075	100	blue	16-14 ga	.250"	UL
908175	100	blue	16-14 ga	.250"	—
908085	100	yellow	12 ga	.250"	UL, CSA

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Gardner
Bender


Push-in Connectors

Stainless steel springs resist corrosion and restrict wire pull out. Twist left to right for wire removal. Rated to 24 amps, at 600V max in building wire and 1000V AC in lighting fixtures/ luminaries. Copper to copper connections only.

part no.	pkg qty	description	color coding	wire range
907010	100	2-port	red	#22 to #12 AWG
907020	100	3-port	orange	#22 to #12 AWG
907030	100	4-port	yellow	#22 to #12 AWG
907040	50	8-port	black	#22 to #12 AWG



Tap-in

Connector mates with a .156" male bullet connector, making a reusable plug connect wiring termination. The insulator is polypropylene; the u-contact is tin plated copper. Use with 18-14 AWG solid or stranded, tinned or untinned (.75-1.5 mm² solid or stranded) copper conductors. Rating: 18 AWG = 7 amps, 16 AWG = 10 amps, 14 AWG = 15 amps

part no.	pkg qty	description	wire gauge
908055	100	bullet splice	18-14



Self-tapping ATC®/ATO® Fuse Holder

Design requires no wire stripping. It installs with a common pliers. For use with 18-14 gauge wire and rated to 20 amp max. Fuse not included.

part no.	pkg qty	description	wire gauge
78355	1	fuse holder	18-14



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AT Series™ Sealed Connectors

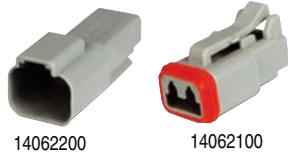


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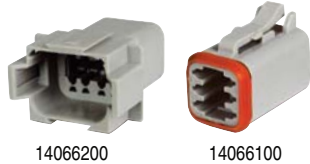
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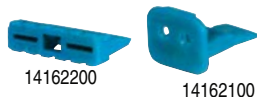
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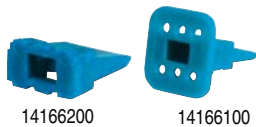
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AT Series™ Harsh Environment Sealed Connector Housings

Made from a thermoplastic material that provides durability and UV resistance. Each receptacle and plug include a silicone elastomer wire seal to help prevent environmental ingress. To complete an assembly, one receptacle/plug housing, a wedge and an appropriate number of pins are required. All AT Series™ assemblies mate directly with Deutsch DT housings/assemblies. The complete assembly connection meets SAE J2030, IP67 and IP69K. The thermoplastic material meets UL94 HB rating, with a temperature rating of -55°C to 125°C (-67°F to 257°F).

description	receptacle	plug
2-way housing	14062200	14062100
3-way housing	14063200	14063100
4-way housing	14064200	14064100
6-way housing	14066200	14066100
8-way housing	14068200	14068100
12-way housing	14061220	14061210

AT Series™ Wedges

Thermoplastic material is a necessary component in aligning the plugs/pins into proper position. One wedge is required per receptacle/plug to complete the assembly. **NOTE: AT Series™ wedges DO NOT interchange with Deutsch DT Series wedges.**

description	receptacle	plug
2-way wedge	14162200	14162100
3-way wedge	14163200	14163100
4-way wedge	14164200	14164100
6-way wedge	14166200	14166100
8-way wedge	14168200	14168100
12-way wedge	14161220	14161210

AT Series™ Pins and Sockets

Complete the electrical connection for the AT Series™ housing assembly. Three different quality grades of contacts available. All feature a copper alloy base with either a standard stamped/formed nickel plate, military solid crimp nickel or gold-plate. The seal plugs are made of silicone elastomer and can be used to plug any open or unused pin/socket. Connector pins and plugs are interchangeable and mate directly with Deutsch DT Series.

description	gauge	pin	socket
stamped/formed	16-14	14601422	14621422
stamped/formed	18-16	14601622	14621622
gold, solid crimp	18-16	14602023	14622013
nickel, solid crimp	18-16	14602024	14622014
sealing plug	—	14114017	14114017

A Series™ Removal Tool

This stainless steel tool is designed to easily disassemble the AT, ATM and ATP Series™ harsh environment sealed connectors. The flat end slides under plug wedges to release them from the housing. The hook end hooks onto the receptacle wedge to release from the housing and it can separate holding fingers to allow for the pin and socket to be removed.

part no.	description
14114100	AT, ATM, ATP Series™ removal tool



Closed Barrel Crimp Tools

Crimps Amphenol and Deutsch closed barrel terminals.

part no.	crimps contact size	crimps gauges	Crimps Series
998860	12	12	ATP / DTP
998880	16	18-14	AT / DT
998890	20	22-14	ATM / DTM



998860

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AT Series™ with Strain Relief

Specifically designed wire cavities to protect each individual wire seal and maintaining IP67 sealing performance regardless of wire bundle direction or improper installation. AT Series™ housings with Strain Relief use standard AT Series™ wedges and pins/sockets.

description	receptacle	plug
2-way housing	14062299	14062199
3-way housing	14063299	14063199
4-way housing	14064299	14064199
6-way housing	14066299	14066199
8-way housing	14068299	14068199
12-way housing	14061299	14061129



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AT Series™ with LED

Visible LED light integrated into a 2-position plug, reducing costly troubleshooting time. AT Series™ plugs with LED use standard AT Series™ socket contacts and mate with standard AT Series™ receptacles. The 14162122 wedge is used for both the 12V and 24V plugs.

description	voltage rating	plug
2-way housing	12V DC	14062112
2-way housing	24V DC	14062124
wedge	-	14162122

ATM Series™ Sealed Connectors

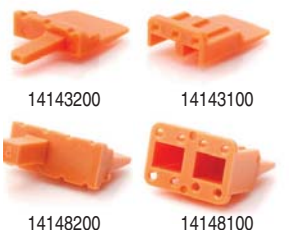
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ATM Series™ Harsh Environment Sealed Connectors

Connector housings are manufactured with a thermoplastic material that is durable, provides excellent UV resistance, dielectric/mechanical properties and is RoHS compliant. To complete an assembly, one receptacle/plug housing, a wedge, and the appropriate number of pins/sockets are required. ATM Series™ connectors are compatible with Deutsch DTM housings/assemblies. Operating temperature range: -55°C to 125°C (-67°F to 257°F).

description	receptacle	plug
2-way housing	14042200	14042100
3-way housing	14043200	14043100
4-way housing	14044200	14044100
6-way housing	14046200	14046100
8-way housing	14048200	14048100
12-way housing	14041220	14041210



ATM Series™ Wedges

Made from a thermoplastic material and are a necessary component in aligning the socket contacts into proper position within the plug. **NOTE: ATM Series™ wedges DO NOT interchange with Deutsch DTM Series wedges.**

description	receptacle	plug
2-way wedge	14142200	14142100
3-way wedge	14143200	14143100
4-way wedge	14144200	14144100
6-way wedge	14146200	14146100
8-way wedge	14148200	14148100
12-way wedge	14141220	14141210



ATM Series™ Pins and Sockets

Contacts are available with either a stamped/formed barrel or a solid barrel, and are derived from quality copper alloy to ensure an electrically-reliable connection. The seal plug is made of silicone elastomer and can be used to plug any open or unused pin/socket position. Contacts and plugs are interchangeable and mate directly with Deutsch DTM Series.

description	gauge	pin	socket
stamped/formed	22-16	14602001	14622002
nickel, solid crimp	22-20	14602022	14622012
sealing plug	-	14132042	14132042

ATP Series™ Sealed Connectors



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INDUSTRIAL@AMPHENOL TRUSTED GLOBALLY Amphenol Sine Systems



ATP Series™ Harsh Environment Sealed Connectors

Available in 2 and 4 position options, the ATP Series™ Connectors contain superior environmental seals, seal retention capabilities, and are designed for use with 10-14 ga wire with size 12 contacts handling up to 25A. To complete an assembly, one receptacle/plug housing, a wedge, and the appropriate number of pins/sockets are required. ATP Series™ connectors are compatible with Deutsch DTP housings/assemblies. Operating temperature range: -55°C to 125°C (-67°F to 257°F).

description	receptacle	plug
2-way housing	14082200	14082100
4-way housing	14084200	14084100

ATP Series™ Wedges

Made from a thermoplastic material and are a necessary component in aligning the socket contacts into proper position within the plug. One wedge in the appropriate configuration (2 or 4) is required per receptacle/plug housing to complete the assembly. **NOTE: ATP Series™ wedges DO NOT interchange with Deutsch DTP Series wedges.**

description	receptacle	plug
2-way wedge	14182200	14182100
4-way wedge	14184200	14184100

ATP Series™ Pins and Sockets

Complete the electrical connection for ATP Series™ housing assemblies. Contacts are available with either a stamped/formed barrel or a solid barrel, and are derived from quality copper alloy to ensure an electrically-reliable connection. Contacts and plugs are interchangeable and mate directly with Deutsch DTP Series.

description	gauge	pin	socket
stamped/formed	14-12	14601201	14621201
nickel, solid crimp	14-12	14602041	14602031

AHD Series™ Heavy Duty Connectors

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AHD Series™ Heavy Duty Connectors

To complete an assembly, one receptacle, one plug, and the appropriate number of pins/sockets are required (6 or 9). The 6-position housings accept ATP Series™ pins and sockets, and the 9-position housings accept ATP Series™ pins and sockets. AHD Series™ connectors are completely compatible with Deutsch HD Connectors. Operating temperature range: -55°C to 125°C (-67°F to 257°F).



receptacles

part no.	positions	description	use with sockets
14990600	6-position	flange, threaded rear	ATP Series, page 80
14990900	9-position	flange, threaded rear, J1939	AT Series, page 78

plugs

part no.	positions	description	use with pins
14991600	6-position	threaded rear	ATP Series, page 80
14991602	6-position	threaded rear, coupling ring	ATP Series, page 80
14991900	9-position	threaded rear, coupling ring, J1939	AT Series, page 78
14991902	9-position	threaded rear, coupling ring, non-J1939	AT Series, page 78
14991904	9-position	slip-on, threaded rear, J1939	AT Series, page 78

receptacle caps

part no.	positions	description
14990006	6-position	receptacle cap, gray
14990009	9-position	receptacle cap, gray

Weather Pack Environmental Connectors



Weather Pack Environmental Connector Housings

Designed for the engine compartment of a vehicle. Stops in cavities to ensure proper insertion of terminals. Indexed nylon housings are rated -40°C to 125°C (-40°F to 257°F). Housing, terminals, plugs and seals are sold separately. Rated up to 20A at 12V DC.

description	tower (female)	shroud (male)
1-way housing	75010	75012
2-way housing	75014	75016
3-way housing	75018	75020
4-way flat housing	75022	75024
4-way square housing	75044	75046
6-way housing	75026	75028



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DELPHI



Weather Pack 22-Way Bulkhead Connectors

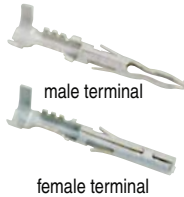
Creates a weather-proof through-panel connection for up to 22 wires and 20 Amps. Use with standard Weather Pack Terminals, Cavity Seals, and Plugs. The TPA is for use with both male and female connectors (two for each side). Temperature rating: -40°C to 125°C (-40°F to 257°F). RoHS.



description	tower (female)	shroud (male)	description	tower (female)/shroud (male)
22-way housing	75054	75056	22-way TPA	75058

Weather Pack Environmental Terminals

The flex-pin and lap-lock design gives these terminals a positive connection. Dual "tang" lock the terminal into the connector cavity. Cable seal crimp wings reduce strain on the cable core and assure proper positioning of the cable seal. Rated up to 20A at 12V DC.



description	tower (female)	shroud (male)
20-18 gauge terminal	75032	75030
16-14 gauge terminal	75036	75034
12 gauge terminal	75040	75038



Weather Pack Environmental Seals and Plugs

Self-lubricating, silicone seals have multiple "ribs" to guard against dust, moisture, engine compartment fluids and chemicals. Cavity seals are crimped to the terminal to assure positive position of the seal in the housing cavity. The cavity plug is designed to fill and seal unused cavities.

description	color	part no.
22-20 ga	purple	75000
20-18 ga	green	75002
16-14 ga	gray	75004
12 ga	blue	75006
20-18 ga	orange (mylar)	75008
cavity plug	green	75042



Weather Pack Assembled Pigtails

Eliminate the need to make a precision crimp in the field with loose components, saving time and confusion. Available with a 10" black 18-gauge SXL wire, or a 10" white 14-gauge GXL wire. Housings rated to: -40°C to 125°C (-40°F to 257°F). Male and female assembled pigtails sold separately. Rated up to 20A at 12V DC.



housing	wire	tower (female)	shroud (male)	housing	wire	tower (female)	shroud (male)
1-way	10" black 18-gauge SXL wire	7501018	7501218	1-way	10" white 14-gauge GXL wire	7501014	7501214
2-way		7501418	7501618	2-way		7501414	7501614
3-way		7501818	7502018	3-way		7501814	7502014
4-way flat		7502218	7502418	4-way flat		7502214	7502414
6-way		7502618	7502818	6-way		7502614	7502814

Metri-Pack® Sealed Connectors



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85018 female



85020 male

Metri-Pack® Sealed 280 Series Connector Housings

Positive locking action ensures proper connection between housings. Made from heat stabilized, impact modified Polyamide 66 material. Tri-ribbed seal on female housing aids in resistance to harsh environments. Temperature rating: -40°C to 125°C (-40°F to 257°F). Rated up to 30A @ 12V DC.

description	female	male
1-way housing	85010	85012
2-way housing	85014	85016
3-way housing	85018DL	85020DL
4-way housing	85022	85024
5-way housing	85026	85028
6-way housing	85029	—



85042



85040

Metri-Pack® Sealed 280 Terminal Position Assurance (TPA)

Firmly holds terminals in connector housings. Helps reduce tension between terminal and wire connection. Made from heat stabilized, impact modified Polyamide 66 material. Temperature rating: -40°C to 125°C (-40°F to 257°F).

description	female	male
1-way TPA	85030	85030
2-way TPA	85032	85032
3-way TPA	85034	85036
4-way TPA	85038	85040
5-way TPA	85042	85044
6-way TPA	85062	—



85058 male



85050 female

Metri-Pack® Sealed 280 Terminals

Terminals are push-to-seal. Singular "tang" locks terminal into housing, ensuring proper insertion. Tin-plated for added protection from corrosion. Rated up to 30A @ 12V DC.

gauge (mm ²)	female	male
22-20 (.50-.35)	85052	85060
18-16 (1.0-.80)	85050DL	85058
14-12 (3.0-2.0)	85048DL	85056
10 (5.0)	85046DL	85054



cavity seals



cavity plug

Metri-Pack® Cavity Seals and Plugs

Self-lubricating, silicone seals have multiple "ribs" to guard against dust, moisture, engine compartment fluids and chemicals. Cavity seals are crimped to the terminal to ensure positive position of the seal in the housing cavity. The cavity plug is designed to fill and seal unused cavities.

description	color	part no.
22-20 ga	purple	75000
20-18 ga	green	75002
16-14 ga	gray	75004
12 ga	blue	75006
20-18 ga	orange (mylar)	75008
cavity plug	green	75042

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Metri-Pack 7-Way Connector

They are used in low voltage, low energy applications and provide excellent resistance to temperature, chemicals, and abrasion. Use with tangless female Metri-Pack terminals, standard male Metri-Pack terminals, Cavity Seals, and Plugs. Temperature rating: -40°C to 125°C (-40°F to 257°F). Rated to 30A. RoHS.



description	receptacle	plug	description	receptacle	plug
7-way housing	85031	85033	7-way TPA	85064	85064

DELPHI

NEW!

GT 150 Wire Connectors

Available in 2, 3, 4, 5, and 6 terminal housings. For a complete connection, a female housing, male housing, male and female terminals, cavity seals/plugs, and TPAs are required, sold separately. The GT Connection System satisfies ISO and USCAR electrical, mechanical and environmental performance criteria. Rated to 15 Amps. Operating temperature range: -40°C to 125°C (-40°F to 257°F)



description	receptacle	plug
2-way housing	83801	83806
3-way housing	83808	83813
4-way housing	83815	83820

description	receptacle	plug
5-way housing	83822	83827
6-way housing	83829	83833

NEW!

GT 150 Terminal & Connector Position Assurance (TPA-CPA)

Firmly hold terminals in connector housings and help reduce tension between terminal and wire connection. Available in 2, 3, 4, 5, and 6-way. Rated to 15 Amps. Operating temperature range: -40°C to 125°C (-40°F to 257°F)



description	receptacle/plug
2-way TPA	83128
3-way TPA	83545
4-way TPA	83546

description	receptacle/plug
5-way TPA	83547
6-way TPA	83363
CPA	83832

NEW!

GT 150 Terminals

Terminal to terminal mating force is lowest in its class, and female terminals feature tangless design. Rated to 15 Amps. Available in male and female in both 22-20 gauge and 18-16 gauge. Operating temperature range: -40°C to 125°C (-40°F to 257°F)



gauge	female	male
22-20	83818	83268

gauge	female	male
18-16	83819	83269

NEW!

GT 150 Cavity Seals and Plugs

Guard against dust, moisture, engine compartment fluids, and chemicals. Available in both 22-20 gauge and 18-16 gauge. Rated to 15 Amps. Operating temperature range: -40°C to 125°C (-40°F to 257°F)



description	color	part no.
22-20 ga	white	83021
18-16 ga	blue	83060

description	color	part no.
cavity plug	green	83171

NEW!

GT 150 Removal Tool

Screwdriver-like tool that slides into the housing, over the terminal to collapse locking tab for easy removal. Use with GT Series Housings and Terminals.



part no.	OEM #
83900	15315247



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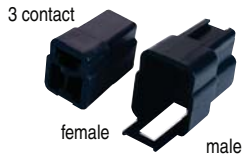
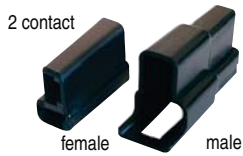
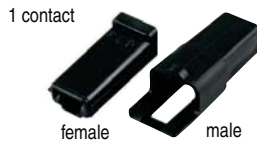
Packard Type 56 Series



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929895



925725



Packard Type 56 Series Connectors

Standard OEM connectors on American cars from the 50's, 60's, 70's and early 80's. Available in 1-2-3 or 4 contact housings and the housings have a locking tab for both male and female terminals respectively. Positive contact is made when the bodies are joined and they lock together but can be easily disconnected. Terminals should be attached to wire before insertion into body and can be removed from bodies by using a flat tip to trip the locking tang. Rated up to 15 amps.

Packard Type 56 Series Housings

1 contact

part no.	description
945285	body for 1 male terminal
972535	body for 1 female terminal

3 contact

part no.	description
946785	body for 3 male terminals
943785	body for 3 female terminals

2 contact

part no.	description
937825	body for 2 male terminals
937815	body for 2 female terminals

4 contact

part no.	description
970495	body for 4 male terminals
970485	body for 4 female terminals

Packard Type 56 Series Terminals

male terminals

part no.	gauge
929895	20-18
929875	16-14

female terminals

part no.	gauge
925725	20-18
925735	16-14

* Terminals are manufactured from brass material; rated for 49 amps

Heat Shrink Kits



Single Wall 2:1 Heat Shrink Kit – HS 455™

UL listed and meets MIL-1-23053/5.

part no.	case size	pieces
553	7" x 3" x 1½"	55

part no. 553 contents	qty
2:1 single wall polyolefin ⅛" black 6"	5
2:1 single wall polyolefin ⅜" black 6"	5
2:1 single wall polyolefin ¾" red 6"	10
2:1 single wall polyolefin ¼" black 6"	5
2:1 single wall polyolefin ¼" blue 6"	10
2:1 single wall polyolefin ⅝" black 6"	5
2:1 single wall polyolefin ⅝" yellow 6"	10
2:1 single wall polyolefin ½" black 6"	5



Dual Wall 3:1 Heat Shrink Kit – Over-Armor™

UL listed and meets MIL-DTL-23053/4.

part no.	case size	pieces
554	7" x 3" x 1½"	30

part no. 554 contents	qty
98061505 3:1 dual wall adhesive-lined ⅛" black 6"	5
98061501 3:1 dual wall adhesive-lined ⅛" red 6"	5
98062505 3:1 dual wall adhesive-lined ¼" black 6"	5
98062501 3:1 dual wall adhesive-lined ¼" red 6"	5
98063505 3:1 dual wall adhesive-lined ½" black 6"	5
98063501 3:1 dual wall adhesive-lined ½" red 6"	5



Single Wall 2:1 Heat Shrink Kit – The Protector™

UL listed and meets MIL-1-23053/5.

part no.	case size	pieces
550	11" x 6¾" x 1¾"	105

part no. 550 contents	qty
2:1 single wall polyolefin ⅛" black 6"	20
2:1 single wall polyolefin ⅜" black 6"	20
2:1 single wall polyolefin ¾" red 6"	10
2:1 single wall polyolefin ¼" black 6"	10
2:1 single wall polyolefin ¼" blue 6"	10
2:1 single wall polyolefin ⅝" black 6"	10
2:1 single wall polyolefin ⅝" yellow 6"	10
2:1 single wall polyolefin ½" black 6"	10
2:1 single wall polyolefin ¾" black 6"	5



Dual Wall 3:1 Heat Shrink Kit – The Brute™

UL listed and meets MIL-DTL-23053/4.

part no.	case size	pieces
551	11" x 6¾" x 1¾"	66

part no. 551 contents	qty
98061505 3:1 dual wall adhesive-lined ⅛" black 6"	20
98061501 3:1 dual wall adhesive-lined ⅛" red 6"	10
98062505 3:1 dual wall adhesive-lined ¼" black 6"	10
98062501 3:1 dual wall adhesive-lined ¼" red 6"	10
98063505 3:1 dual wall adhesive-lined ½" black 6"	4
98063501 3:1 dual wall adhesive-lined ½" red 6"	4
98064505 3:1 dual wall adhesive-lined ¾" black 6"	2
98064501 3:1 dual wall adhesive-lined ¾" red 6"	2
90865505 3:1 dual wall adhesive-lined 1" black 6"	2
98065501 3:1 dual wall adhesive-lined 1" red 6"	2



Translucent Dual Wall 3:1 Heat Shrink Kit – The Professional™

UL listed and meets MIL-DTL-23053/4, Class 1; AMS3534 (excluding clear heat shrink).

part no.	case size	pieces
552	11" x 6¾" x 1¾"	83

part no. 552 contents	qty
980600 3:1 dual wall adhesive-lined ⅛" clear 6"	10
980600 3:1 dual wall adhesive-lined ⅛" clear 6"	10
980610 3:1 dual wall adhesive-lined ⅜" clear 6"	10
980415 3:1 translucent dual wall adhesive-lined ¼" red 6"	10
980620 3:1 dual wall adhesive-lined ¼" clear 6"	10
980425 3:1 translucent dual wall adhesive-lined ¼" blue 6"	10
980630 3:1 dual wall adhesive-lined ⅝" clear 6"	5
980435 3:1 translucent dual wall adhesive-lined ⅝" yellow 6"	10
980640 3:1 dual wall adhesive-lined ½" clear 6"	5
980650 3:1 dual wall adhesive-lined ¾" clear 6"	3



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Heat Shrink Assortment Kit – *The Bully™*

part no.	case size	pieces
555	18" x 12" x 3"	176

part no. 555 contents		qty
98031505	thin wall 1/8" pre-shrink ID, black	20
98031501	thin wall 1/8" pre-shrink ID, red	15
98030505	thin wall 3/16" pre-shrink ID, black	20
–	thin wall 3/16" pre-shrink ID, blue	10
980832505	thin wall 1/4" pre-shrink ID, black	15
–	thin wall 1/4" pre-shrink ID, yellow	10
98029505	thin wall 3/8" pre-shrink ID, black	15
–	flexible adhesive lined 3/8", black	8
980610	flexible adhesive lined 3/8", clear	8
–	flexible adhesive lined 3/8" pre-shrink ID, black	8
–	flexible adhesive lined 3/8" pre-shrink ID, clear	8
98063505	flexible adhesive lined 1/2" pre-shrink ID, black	5
980640	flexible adhesive lined 1/2" pre-shrink ID, clear	5
98064505	flexible adhesive lined 3/4" pre-shrink ID, black	3
980650	flexible adhesive lined 3/4" pre-shrink ID, clear	3
980415	semi-rigid adhesive lined .245" pre-shrink ID, red / 20–18 ga.	5
980425	semi-rigid adhesive lined .245" pre-shrink ID, blue / 16–14 ga.	5
980435	semi-rigid adhesive lined .360" pre-shrink ID, yellow / 12–10 ga.	5
980725	heavy wall 0.80" pre-shrink ID, black	3
980715	heavy wall 0.80" pre-shrink ID, red	3
980745	heavy wall 1.10" pre-shrink ID, black	1
980735	heavy wall 1.10" pre-shrink ID, red	1

NEW!



Magnetic Bases and Mounts Kit

Kit contains three sizes of cable tie mounts, cable holders, hook & loop mounts, and magnetic plates

part no.	case size	pieces
9050	8 1/4" x 4 1/4" x 1 1/4"	

part no. 9050 contents		qty
9006	magnetic cable holder, 1/2" bundle, 16 lb, black	5
9003	magnetic cable tie mount, large 26 lb, black	5
9001	magnetic cable tie mount, small 16 lb, black	5
9014	magnetic hook & loop mount, 16 lb	5
9011	magnetic cable tie mount, mini, 7 lb	10
9038	magnetic plate	5

Terminal Kits



Vinyl Insulated Terminal Assortment Kits

part no.	case size	pieces
802	11" x 6 3/4" x 1 3/4"	132

part no. 802 contents		qty
452105	ring terminal 16–14 #10	15
452565	ring terminal 16–14 5/16"	12
452105	ring terminal 16–14 #10	24
423005	butt connector 12–10	10
492005	female push-on terminal 16–14 .250"	10
432005	male push-on terminal 16–14 .250"	10
422005	butt connector 16–14	20
453565	ring terminal 12–10 5/16"	10
463105	spade terminal 12–10 #10	10
453105	ring terminal 12–10 #10	10
990145	1 crimping tool	1

part no.	case size	pieces
803	11" x 6 3/4" x 1 3/4"	131

part no. 803 contents		qty
452105	ring terminal 16-14 #10	15
452565	ring terminal 16–14 5/16"	12
452105	ring terminal 16–14 #10	24
423005	butt connector 12–10	10
492005	female push-on terminal 16–14 .250"	10
432005	male push-on terminal 16–14 .250"	10
422005	butt connector 16–14	20
453565	ring terminal 12–10 5/16"	10
463105	spade terminal 12–10 #10	10
453105	ring terminal 12–10 #10	10



Vinyl Insulated Terminal Assortment Kits

part no.	case size	pieces
806	5 1/8" x 4 7/8" x 1 1/4"	100

part no. 806 contents		qty
421005	butt connector 22–18	10
451065	ring terminal 22–18 #6	8
451085	ring terminal 22–18 #8	8
462085	spade terminal 16–14 #8	7
422005	butt connector 16–14	10
452105	ring terminal 16–14 #10	10
452145	ring terminal 16–14 #1/4"	8
492005	female push-on terminal 16–14 .250"	7
423005	butt connector 12–10	10
453105	ring terminal 12–10 #10	8
453385DL	ring terminal 12–10 5/8"	7
432005	male push-on terminal 16–14 .250"	7



Vinyl Insulated Terminal Assortment Kits

part no.	case size	pieces
275DL	18" x 12" x 3"	469

part no. 275DL contents		qty
451065	ring terminal 22-18 #6	30
451085	ring terminal 22-18 #8	30
451105	ring terminal 22-18 #10	30
452065	ring terminal 16-14 #6	30
452105	ring terminal 16-14 #10	30
452145	ring terminal 16-14 1/4"	30
452565	ring terminal 16-14 5/8"	25
452385DL	ring terminal 16-14 3/8"	20
453105	ring terminal 12-10 #10	20
453145	ring terminal 12-10 1/4"	15
453565	ring terminal 12-10 5/8"	15
453385DL	ring terminal 12-10 3/8"	15
421005	butt connector 22-18	25
422005	butt connector 16-14	25
423005	butt connector 12-10	20
492005	female push-on terminal 16-14 .250"	25
432005	male push-on terminal 16-14 .250"	25
493005	female push-on terminal 12-10 .250"	25
433005	male push-on terminal 12-10	25
905605	white open port quick splice 18-14	8
990141	crimping tool	1

part no.	case size	pieces
276	18" x 12" x 3"	468

part no. 276 contents		qty
451065	ring terminal 22-18 #6	30
451085	ring terminal 22-18 #8	30
451105	ring terminal 22-18 #10	30
452065	ring terminal 16-14 #6	30
452105	ring terminal 16-14 #10	30
452145	ring terminal 16-14 1/4"	30
452565	ring terminal 16-14 5/8"	25
452385DL	ring terminal 16-14 3/8"	20
453105	ring terminal 12-10 #10	20
453145	ring terminal 12-10 1/4"	15
453565	ring terminal 12-10 5/8"	15
453385DL	ring terminal 12-10 3/8"	15
421005	butt connector 22-18	25
422005	butt connector 16-14	25
423005	butt connector 12-10	20
492005	female push-on terminal 16-14 .250"	25
432005	male push-on terminal 16-14 .250"	25
493005	female push-on terminal 12-10 .250"	25
433005	male push-on terminal 12-10	25
905605	white open port quick splice 18-14	8



Crimp & Heat Shrink Terminal Kit

– *Grab-N-Go Jars*

part no.	case size	pieces
891	2 5/8" x 2 5/8" x 4 3/8"	100

part no. 891 contents		qty
921005	heat shrink & crimp butt connector 22-18	30
922005	heat shrink & crimp butt connector 16-14	50
923005	heat shrink & crimp butt connector 12-10	20

part no.	contents	pieces
8911	22-18 ga, heat shrink butt connector Grab-N-Go jar	150
8912	16-14 ga, heat shrink butt connector Grab-N-Go jar	125
8913	12-10 ga, heat shrink butt connector Grab-N-Go jar	75



Crimp & Shrink Terminal Kit – *The Defender™*

part no.	case size	pieces
810	7" x 3" x 1 1/2"	125

part no. 810 contents		qty
923005	heat shrink butt connector 12-10 Ga	25
922005	heat shrink butt connector 16-14 Ga	50
921005	heat shrink butt connector 20-18 Ga	50



Crimp & Shrink Terminal Assortment Kit

– *The SureSeal™*

UL listed and include self-sealing heat shrink.

part no.	case size	pieces
808	11" x 6 3/4" x 1 3/4"	120

part no. 808 contents		qty
951105	heat shrink ring terminal 20-18 #10	10
952085	heat shrink ring terminal 16-14 #8	10
952105	heat shrink ring terminal 16-14 #10	10
952145	heat shrink ring terminal 16-14 1/4"	10
953105	heat shrink ring terminal 12-10 #10	10
953145	heat shrink ring terminal 12-10 1/4"	10
953385	heat shrink ring terminal 12-10 5/8"	10
964205	heat shrink female push-on terminal 16-14 .250"	10
964305	heat shrink male push-on terminal 16-14 .250"	10
921005	heat shrink butt connector 20-18	10
922005	heat shrink butt connector 16-14	10
923005	heat shrink butt connector 12-10	10



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Crimp & Shrink Terminal Assortment Kit with Tools – *The Tuxedo™*

UL listed and are self-sealing heat shrink.

part no.	case size	pieces
809	11" x 6 3/4" x 1 1/4"	122
part no. 809 contents		qty
951105	heat shrink ring terminal 20–18 #10	10
952085	heat shrink ring terminal 16–14 #8	10
952105	heat shrink ring terminal 16–14 #10	10
952145	heat shrink ring terminal 16–14 1/4"	10
953105	heat shrink ring terminal 12–10 #10	10
953145	heat shrink ring terminal 12–10 1/4"	10
953385	heat shrink ring terminal 12–10 3/8"	10
964205	heat shrink female push-on terminal 16–14 .250"	10
964305	heat shrink male push-on terminal 16–14 .250"	10
921005	heat shrink butt connector 20–18	10
922005	heat shrink butt connector 16–14	10
923005	heat shrink butt connector 12–10	10
945000	hand held power torch	1
990141	multi-purpose hand crimp tool	1



Crimp & Shrink Terminal Assortment Kit with Tools – *The Tanker™*

Self-sealing heat shrink terminals are UL listed.

part no.	case size	pieces
277	18" x 12" x 3"	282
part no. 277 contents		qty
951105	heat shrink ring terminal 18–20 #10	10
953105	heat shrink ring terminal 12–10 #10	10
953145	heat shrink ring terminal 12–10 1/4"	10
953385	heat shrink ring terminal 12–10 3/8"	10
952085	heat shrink ring terminal 16–14 #8	10
952105	heat shrink ring terminal 16–14 #10	10
952145	heat shrink ring terminal 16–14 1/4"	10
952385	heat shrink ring terminal 16–14 3/8"	10
923005	heat shrink butt connector 12–10	50
922005	heat shrink butt connector 16–14	50
921005	heat shrink butt connector 18–20	50
920005	heat shrink butt connector 24–22	10
964205	heat shrink female push-on terminal 16–14 .250"	10
964305	heat shrink male push-on terminal 16–14 .250"	10
964405	heat shrink female push-on terminal 12–10 .250"	10
964505	heat shrink male push-on terminal 12–10 .250"	10
990141	multi-purpose hand crimp tool	1
945000	hand held power torch	1



894

Solder & Heat Shrink Terminal Kit – *Grab-N-Go Jars*

part no.	jar size	pieces
894	2 5/8" x 2 5/8" x 4 3/8"	100

part no. 894 contents		qty
966615	heat shrink & solder butt connector 22-18	35
966625	heat shrink & solder butt connector 16-14	50
966635	heat shrink & solder butt connector 12-10	15

part no.	jar size	pieces
894LF	2 5/8" x 2 5/8" x 4 3/8"	100

894LF contents		qty
966615LF	Lead-Free heat shrink & solder butt connector 22-18	35
966625LF	Lead-Free heat shrink & solder butt connector 16-14	50
966635LF	Lead-Free heat shrink & solder butt connector 12-10	15

part no.	contents	pieces
8941	20-18 ga. solder and heat shrink connector Grab-N-Go jar	100
8942	16-14 ga. solder and heat shrink connector Grab-N-Go jar	100
8943	12-10 ga. solder and heat shrink connector Grab-N-Go jar	60



892

Crimp, Solder & Heat Shrink Terminal Kit – *Grab-N-Go Jars*

part no.	jar size	pieces
892	2 5/8" x 2 5/8" x 4 3/8"	100

part no. 892 contents		qty
981005	heat shrink, crimp & solder butt connector 22-18	35
982005	heat shrink, crimp & solder butt connector 16-14	50
983005	heat shrink, crimp & solder butt connector 12-10	15

part no.	container size	pieces
892LF	2 5/8" x 2 5/8" x 4 3/8"	100

part no. 892 contents		qty
981005LF	Lead-Free heat shrink, crimp & solder butt connector 22-18	35
982005LF	Lead-Free heat shrink, crimp & solder butt connector 16-14	50
983005LF	Lead-Free heat shrink, crimp & solder butt connector 12-10	15

part no.	contents	pieces
8921	20-18 ga. crimp, solder and heat shrink connector Grab-N-Go jar	100
8922	16-14 ga. crimp, solder and heat shrink connector Grab-N-Go jar	100
8923	12-10 ga. crimp, solder and heat shrink connector Grab-N-Go jar	60



Crimp, Solder & Heat Shrink Terminal Kit – Grab-N-Go Jars

part no.	jar size	pieces
200892LF	3¾" x 3¾" x 5¾"	200
part no. 892 contents		qty
981005LF	Lead-Free heat shrink, crimp & solder butt connector 20-18	70
982005LF	Lead-Free heat shrink, crimp & solder butt connector 16-14	100
983005LF	Lead-Free heat shrink, crimp & solder butt connector 12-10	30



Crimp, Shrink & Solder Terminal Kit – The MightyMaxxx™

part no.	case size	pieces	
813DL	7" x 3" x 1½"	40	
part no 813DL contents		qty	
983005	heat shrink, solder slv, crimp butt connector 12–10 Ga	10	
982005	heat shrink, solder slv, crimp butt connector 16–14 Ga	15	
981005	heat shrink, solder slv, crimp butt connector 20–18 Ga	15	
part no.		case size	pieces
813LF	7" x 3" x 1½"	40	
part no 813LF contents		qty	
983005LF	Lead-Free heat shrink, solder slv, crimp butt connector 12–10 Ga	10	
982005LF	Lead-Free heat shrink, solder slv, crimp butt connector 16–14 Ga	15	
981005LF	Lead-Free heat shrink, solder slv, crimp butt connector 20–18 Ga	15	



Crimp, Shrink, & Solder Terminal Kit – The SuperMaxxx™

part no.	case size	pieces	
811DL	11" x 6¾" x 1¾"	140	
part no. 811DL contents		qty	
971105	ring 18–20 ga. #10 stud	10	
972105	ring 14–16 ga. #10 stud	10	
972145	ring 14–16 ga. ¼" stud	10	
972385	ring 14–16 ga. ⅝" stud	10	
973105	ring 10–12 ga. #10 stud	10	
973145	ring 10–12 ga. ¼" stud	10	
973385	ring 10–12 ga. ⅝" stud	10	
981005	butt connector 18–20 ga.	15	
982005	butt connector 14–16 ga.	20	
983005	butt connector 10–12 ga.	15	
977735	fully-insulated Female 14–16 ga. .250	10	
977745	male 14–16 ga. .250	10	
part no.		case size	pieces
811LF	11" x 6¾" x 1¾"	140	
part no. 811LF contents		qty	
971105LF	ring 18-22 ga. # 10 stud	10	
972105LF	ring 14-16 ga. #10 stud	10	
972145LF	ring 14-16 ga. 1/4" stud	10	
972385LF	ring 14-16 ga. 3/8" stud	10	
973105LF	ring 10-12 ga. #10 stud	10	
973145LF	ring 10–12 ga. 1/4" stud	10	
973385LF	ring 10–12 ga. 3/8" stud	10	
981005LF	butt connector 18-22 ga.	15	
982005LF	butt connector 14-16 ga.	20	
983005LF	butt connector 10-12 ga.	15	
977735LF	fully-insulated female 14-16 ga. .250"	10	
977745LF	male 14-16 ga. .250"	10	



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895

2-1 Multi-Wire Crimp & Heat Shrink Terminal Kit – Grab-N-Go Jars

part no.	jar size	pieces	
895	2⅝" x 2⅝" x 4⅜"	25	
part no. 895 contents		qty	
940005	heat shrink & crimp 2-1 connector 20-18	5	
940010	heat shrink & crimp 2-1 connector 16-14	15	
940015	heat shrink & crimp 2-1 connector 12-10	5	
part no.		contents	pieces
8951	2-1 multi-wire 20-18 ga. solder and heat shrink connector Grab-N-Go jar	35	
8952	2-1 multi-wire 16-14 ga. solder and heat shrink connector Grab-N-Go jar	25	
8953	2-1 multi-wire 12-10 ga. solder and heat shrink connector Grab-N-Go jar	15	



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Crimp, Shrink & Solder Terminal Assortment Kit – *The MegaMaxxx™*

part no.	case size	pieces
278	18" x 12" x 3"	200

part no. 278 contents		qty
971105	ring 18–20 ga. #10 stud	10
972085	ring 14–16 ga. #8 stud	10
972105	ring 14–16 ga. #10 stud	10
972145	ring 14–16 ga. 1/4" stud	10
972565	ring 14–16 ga. 5/16" stud	10
972385	ring 14–16 ga. 3/8" stud	10
973105	ring 10–12 ga. #10 stud	10
973145	ring 10–12 ga. 1/4" stud	10
973385	ring 10–12 ga. 3/8" stud	10
981005	butt connector 18–20 ga.	15
982005	butt connector 14–16 ga.	20
983005	butt connector 10–12 ga.	15
977715	fully-insulated Female 18–20 ga. .250	10
977725	male 18–20 ga. .250	10
977735	fully-insulated Female 14–16 ga. .250	10
977745	male 14–16 ga. .250	10
977755	fully-insulated Female 10–12 ga. .250	10
977765	male 10–12 ga. .250	10

part no.	case size	pieces
278LF	18" x 12" x 3"	200

part no. 278LF contents		qty
971105LF	ring 18-22 ga. # 10 stud	10
972085LF	ring 14-16 ga. #8 stud	10
972105LF	ring 14-16 ga. #10 stud	10
972145LF	ring 14-16 ga. 1/4" stud	10
972565LF	ring 14-16 ga. 5/16" stud	10
972385LF	ring 14-16 ga. 3/8" stud	10
973105LF	ring 10–12 ga. #10 stud	10
973145LF	ring 10–12 ga. 1/4" stud	10
973385LF	ring 10–12 ga. 3/8" stud	10
981005LF	butt connector 18-22 ga.	15
982005LF	butt connector 14-16 ga.	20
983005LF	butt connector 10-12 ga.	15
977715LF	fully-insulated female 18-22 ga. .250"	10
977725LF	male 18-22 ga. .250"	10
977735LF	fully-insulated female 14-16 ga. .250"	10
977745LF	male 14-16 ga. .250"	10
977755LF	fully-insulated female 10-12 ga. .250"	10
977765LF	male 10-12 ga. .250"	10



893

Clear-View™ Crimp & Heat Shrink – *Grab-N-Go Jars*

part no.	jar size	pieces
893	2 5/8" x 2 5/8" x 4 3/8"	100

part no. 893 contents		qty
941005	Clear-View™ heat shrink & crimp butt connector 22-18	30
942005	Clear-View™ heat shrink & crimp butt connector 16-14	50
943005	Clear-View™ heat shrink & crimp butt connector 12-10	20

part no.	contents	pieces
8931	20-18 ga. Clear-View™ crimp and heat shrink connector Grab-N-Go jar	100
8932	16-14 ga. Clear-View™ crimp and heat shrink connector Grab-N-Go jar	100
8933	12-10 ga. Clear-View™ crimp and heat shrink connector Grab-N-Go jar	60



Clear-View™ Crimp & Shrink Terminal & Heat Shrink Kit – *The Clear-Maxxx™*

part no.	case size	pieces
818	11" x 6 3/4" x 1 3/4"	125

part no. 818 contents		qty
941005	butt connector 18–22 ga.	25
942005	butt connector 14–16 ga.	50
943005	butt connector 10–12 ga.	25
984115	clear tubing with print 22–18 ga.	10
984125	clear tubing with print 16–14 ga.	10
984135	clear tubing with print 12–10 ga.	5



Multiple Wire Terminal Kit – *The Multi-Seal™*

part no.	case size	pieces
815	11" x 6 3/4" x 1 3/4"	28

part no. 815 contents		qty
940000	24–22 ga. 2-1 connector	5
940005	20–18 ga. 2-1 connector	5
940010	16–14 ga. 2-1 connector	5
940015	12–10 ga. 2-1 connector	3
902205	22–14 ga. heat shrink closed-end connector	5
902215	18–10 ga. heat shrink closed-end connector	5

Fuse Kits



ATO® Fuse Kits

part no.	case size	pieces
303	7-1/2" x 4" x 1-3/8"	160

part no. 303 contents		qty
78035	3 amp ATO® fuse	15
78055	5 amp ATO® fuse	20
78075	7.5 amp ATO® fuse	15
78105	10 amp ATO® fuse	30
78155	15 amp ATO® fuse	15
78205	20 amp ATO® fuse	30
78255	25 amp ATO® fuse	20
78305	30 amp ATO® fuse	15

part no.	case size	pieces
304	5" x 4 1/4" x 1 1/4"	80

part no. 304 contents		qty
78035	3 amp ATO® fuse	10
78055	5 amp ATO® fuse	10
78075	7.5 amp ATO® fuse	10
78105	10 amp ATO® fuse	10
78155	15 amp ATO® fuse	10
78205	20 amp ATO® fuse	10
78255	25 amp ATO® fuse	10
78305	30 amp ATO® fuse	10



Mini® Fuse Kit

part no.	case size	pieces
305	4 1/2" x 2 5/8" x 1 5/16"	80

part no. 305 contents		qty
77045	4 amp Mini® fuse	10
77055	5 amp Mini® fuse	10
77075	7.5 amp Mini® fuse	10
77105	10 amp Mini® fuse	10
77155	15 amp Mini® fuse	10
77205	20 amp Mini® fuse	10
77255	25 amp Mini® fuse	10
77305	30 amp Mini® fuse	10



The SafeGard™ Multi Fuse Kit

part no.	case size	pieces
306	11" x 6 3/4" x 1 3/4"	203

part no. 306 contents		qty
78055	5 amp ATO® fuse	20
78105	10 amp ATO® fuse	20
78155	15 amp ATO® fuse	20
78205	20 amp ATO® fuse	20
78305	30 amp ATO® fuse	20
77055	5 amp Mini® fuse	15
77105	10 amp Mini® fuse	15
77155	15 amp Mini® fuse	15
77205	20 amp Mini® fuse	15
77255	25 amp Mini® fuse	15
79805	10 amp AGC® fuse	10
79855	15 amp AGC® fuse	10
78375	ATC/ATO® fuse Holder, 12-Ga, 30 amp max.	2
78365	ATC/ATO® fuse Holder, 16-Ga, 20 amp max.	2
78385	Mini fuse Holder, 12-Ga, 30 amp max.	2
79005	AGC® Waterproof fuse Holder, 18-12 ga, 30 amp max.	2



Multi Fuse Kit

part no.	case size	pieces
307	4 1/2" x 2 5/8" x 1 5/16"	180

part no. 307 contents		qty
78055	5 Amp ATO® Fuse	15
78105	10 Amp ATO® Fuse	15
78155	15 Amp ATO® Fuse	15
78205	20 Amp ATO® Fuse	15
78305	30 Amp ATO® Fuse	15
77055	5 amp Mini® Fuse	15
77105	10 Amp Mini® Fuse	15
77155	15 Amp Mini® Fuse	15
77205	20 Amp Mini® Fuse	15
77305	30 Amp Mini® Fuse	15
78025	ATC/ATO Tap-In fuse	15
77025	Tap-in Mini Fuse	15



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NEW!



MCASE® Fuse Kit

Rated to 32V DC. RoHS.

part no.	case size	pieces
310	MCASE® fuse kit	80
part no. 310 contents		qty
79631	mcase® fuse, 20 amp	20
79632	mcase® fuse, 25 amp	20
79633	mcase® fuse, 30 amp	20
79634	mcase® fuse, 40 amp	20



NEW!



ATO® Smart Glow Fuse Kit

ATO® Indicator fuses are rated to 32V DC. RoHS.

part no.	case size	pieces
311	ATO® Smart Glow Fuse Kit	80
part no. 311 contents		qty
88833	ATO® indicator fuse, 3 amp	10
88805DL	ATO® indicator fuse, 5 amp	10
88875	ATO® indicator fuse, 7.5 amp	10
88810DL	ATO® indicator fuse, 10 amp	10
88815	ATO® indicator fuse, 15 amp	10
88820	ATO® indicator fuse, 20 amp	10
88825DL	ATO® indicator fuse, 25 amp	10
88830	ATO® indicator fuse, 30 amp	10



NEW!



Mini® Smart Glow Fuse Kit

Mini® indicator fuses are rated to 32V DC. RoHS.

part no.	case size	pieces
312	Mini® Smart Glow Fuse Kit	80
part no. 312 contents		qty
77403	mini® indicator fuse, 3 amp	15
77405	mini® indicator fuse, 5 amp	15
77475	mini® indicator fuse, 7.5 amp	15
77410	mini® indicator fuse, 10 amp	15
77415	mini® indicator fuse, 15 amp	15
77420	mini® indicator fuse, 20 amp	15
77425	mini® indicator fuse, 25 amp	15
77430	mini® indicator fuse, 30 amp	15



NEW!



Low Profile Mini® Fuse Kit

Rated to 58V DC. RoHS.

part no.	case size	pieces
308	low profile Mini® fuse kit	80
part no. 308 contents		qty
—	low profile mini® fuse, 2 amp	10
87005	low profile mini® fuse, 5 amp	10
87075	low profile mini® fuse, 7.5 amp	10
87010	low profile mini® fuse, 10 amp	10
87015	low profile mini® fuse, 15 amp	10
87020	low profile mini® fuse, 20 amp	10
87025DL	low profile mini® fuse, 25 amp	10
87030	low profile mini® fuse, 30 amp	10

* Del City doesn't offer a 2A low profile mini® fuse outside of kit 308.



NEW!



Micro2® Fuse Kit

Rated to 32V DC. RoHS

part no.	case size	pieces
309	Micro2® fuse kit	70
part no. 309 contents		qty
78905	micro2® fuse, 5 amp	10
78975	micro2® fuse, 7.5 amp	10
78910	micro2® fuse, 10 amp	10
78915	micro2® fuse, 15 amp	10
78920	micro2® fuse, 20 amp	10
78925	micro2® fuse, 25 amp	10
78930	micro2® fuse, 30 amp	10

Hella Micro & Mini Connector Block Kits



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NEW!



part no.	description	pieces
73564	Mini 5-terminal relay connector kit	6
part no. 73564 contents		pieces
73560	Mini 5-terminal connector block bracket mount	1
73592	14-16 Ga., .250" (6.3mm)	5

NEW!



part no.	description	pieces
73565	Mini 5- or 9-terminal relay connector kit	10
part no. 73565 contents		pieces
73561	Mini 5- or 9-terminal connector block bracket mount	1
73592	14-16 Ga., .250" (6.3mm)	5
73593	14-20 Ga., .110"	4



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NEW!



part no.	description	pieces
73566	Micro 5-terminal Relay connector Kit	6
part no. 73566 contents		pieces
73562	Micro 5-terminal connector block bracket mount	1
73592	14-16 Ga., .250" (6.3mm)	2
73594	18 Ga., .188"	3

NEW!



part no.	description	pieces
73567	Hella relay socket 70A connector Kit	5
part no. 73567 contents		pieces
73563	Hella Relay socket 70A connector block	1
73591	6-10 ga, .375"	2
73592	14-16 Ga., .250" (6.3mm)	2

Connection Kits



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Weather Pack Terminal & Seal Kit

part no.	case size	pieces
75050	6 ⁷ / ₈ " x 3 ³ / ₈ " x 1 ⁷ / ₁₆ "	425

part no. 75050 contents	qty	
75032	female terminal 20–18	25
75036	female terminal 16–14	25
75040	female terminal 12	25
75030	male terminal 20–18	25
75034	male terminal 16–14	25
75038	male terminal 12	25
75002	green cavity seal 20–18	100
75004	gray cavity seal 16–14	100
75006	blue cavity seal 12	50
75042	green cavity plug	25



Weather Pack Connector Kit w/Tools

part no.	case size	pieces
75043	18" x 12" x 3"	1,103

part no. 75043 contents	qty	
75002	green cavity seal 20–18	100
75004	gray cavity seal 16–14	100
75006	blue cavity seal 12	100
75008	orange cavity seal 20–18	100
75042	green cavity plug	100
75030	male terminal 20–18	100
75032	female terminal 20–18	100
75034	male terminal 16–14	100
75036	female terminal 16–14	100
75038	male terminal 12	100
75040	female terminal 12	100
906475	weather pack removal tool	1
906485	ratchet style crimper	1
906495	ratchet style crimper	1



Weather Pack Connector, Terminal & Seal Kit

part no.	case size	pieces
75045	18" x 12" x 3"	1,280

part no. 75045 contents	qty	
75002	green cavity seal 20–18	100
75004	gray cavity seal 16–14	200
75006	blue cavity seal 12	100
75008	orange cavity seal 20–18	100
75042	green cavity plug	100
75030	male terminal 20–18	100
75032	female terminal 20–18	100
75034	male terminal 16–14	100
75036	female terminal 16–14	100
75038	male terminal 12	100
75040	female terminal 12	100
75010	10 1-way housing female	10
75012	10 1-way housing male	10
75014	10 2-way housing female	10
75016	10 2-way housing male	10
75018	10 3-way flat housing female	10
75020	10 3-way flat housing male	10
75022	10 4-way flat housing female	10
75024	10 4-way flat housing male	10



AT Series™ Kit With Crimper

part no.	case size	pieces
14114025	11" x 6 ³ / ₄ " x 1 ³ / ₈ "	129

part no. 14114025 contents	qty	
14062100	2-way Plug, AT Series AT06-2S	4
14062200	2-way Receptacle, AT Series AT04-2P	4
14063100	3-way Plug, AT Series AT06-3S	4
14063200	3-way Receptacle, AT Series AT04-3P	4
14064100	4-way Plug, AT Series	4
14064200	4-way Receptacle, AT Series AT04-4P	4
14162100	2-way Plug Wedge, AT Series AW2S	4
14162200	2-way Receptacle Wedge, AT Series AW2P	4
14163100	3-way Plug Wedge, AT Series AW3S	4
14163200	3-way Receptacle Wedge, AT Series AW3P	4
14164100	4-way Plug Wedge, AT Series AW4S	4
14164200	4-way Receptacle Wedge, AT Series AW4P	4
14601422	Pin contact, Stamped/Formatted, 14-16 ga., AT Series AT60-14-0122	20
14601622	Pin contact, Stamped/Formatted, 16-18 ga., AT Series AT60-16-0122	20
14621422	Socket contact, Stamped/Formatted, 14-16 ga., AT Series AT62-14-0122	20
14621622	Socket contact, Stamped/Formatted, 16-18 ga., AT Series AT62-16-0122	20
990170	Open Barrel OEM Crimp Tool	1



AT Series™ Kit

part no.	case size	pieces
14114020	11" x 6 ³ / ₄ " x 1 ³ / ₈ "	224
part no. 14114020 contents		qty
14062100	2-way plug, AT Series™	3
14063100	3-way plug, AT Series™	3
14064100	4-way plug, AT Series™	2
14066100	6-way plug, AT Series™	1
14068100	8-way plug, AT Series™	1
14061210	12-way plug, AT Series™	1
14162100	2-way plug wedge, AT Series™	3
14163100	3-way plug wedge, AT Series™	3
14164100	4-way plug wedge, AT Series™	2
14166100	6-way plug wedge, AT Series™	1
14168100	8-way plug wedge, AT Series™	1
14161210	12-way plug wedge, AT Series™	1
14062200	2-way receptacle, AT Series™	3
14063200	3-way receptacle, AT Series™	3
14064200	4-way receptacle, AT Series™	2
14066200	6-way receptacle, AT Series™	1
14068200	8-way receptacle, AT Series™	1
14061220	12-way receptacle, AT Series™	1
14162200	2-way receptacle wedge, AT Series™	3
14163200	3-way receptacle wedge, AT Series™	3
14164200	4-way receptacle wedge, AT Series™	2
14166200	6-way receptacle wedge, AT Series™	1
14168200	8-way receptacle wedge, AT Series™	1
14161220	12-way receptacle wedge, AT Series™	1
14601622	pin contact, stamped/formed, 16–18 ga., AT Series™	40
14602024	nickel pin contact, solid crimp, 16–18 ga., AT Series™	40
14114017	sealing plug, AT Series™	20
14621622	socket contact, stamped/formed, 16–18 ga., AT Series™	40
14622014	nickel socket contact, solid crimp, 16–18 ga., AT Series™	40



Metri-Pack® 280 Tangless Terminal and Seal Kit

part no.	case size	pieces
75052	4 ¹ / ₂ " x 2 ⁵ / ₈ " x 1 ⁵ / ₁₆ "	425
part no. 75052 contents		qty
75002	20-18 ga green cavity seal Delphi 15324982	100
75004	16-14 ga grey cavity seal Delphi 15324980	100
75006	12 ga blue cavity seal Delphi 12015193 or 15324981	50
75042	green cavity Plug Delphi 12010300	25
12110845	terminal Metri-Pack 280 Female-tangless 14-12 ga,	25
12110846	terminal Metri-Pack 280 Female-tangless 22-20 ga	25
12110847	terminal Metri-Pack 280 Female-tangless 18-16 ga	50
12129409	terminal Metri-Pack 280 Female-tangless 16-14 ga	50



Metri-Pack® 280 Sealed Terminal and Seal Kit

part no.	case size	pieces
75053	4 ¹ / ₂ " x 2 ⁵ / ₈ " x 1 ⁵ / ₁₆ "	425
part no. 75053 contents		qty
85052	terminal Metri-Pack 280 Female 22-20 ga, Packard #12084201	25
85050DL	terminal Metri-Pack 280 Female 18-16 ga, Packard #12077411	25
85048DL	terminal Metri-Pack 280 Female 14-12 ga, Packard #12129493	25
85060	terminal Metri-Pack 280 Male 22-20 ga, Packard #12124977	25
85058	terminal Metri-Pack 280 Male 18-16 ga, Packard #12048159	25
85056	terminal Metri-Pack 280 Male 14-12 ga, Packard #12129497	25
75002	20-18 ga green cavity seal Delphi 15324982	100
75004	16-14 ga grey cavity seal Delphi 15324980	100
75006	12 ga blue cavity seal Delphi 12015193 or 15324981	50
75042	green cavity Plug Delphi 12010300	25



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Battery & Brake Line Kits



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Battery Protection Kit — Part No. 990012

battery protection kit contents	qty
battery terminal cleaner spray, ¼ oz. can	1
battery terminal protection spray, 1½ oz. can	1
terminal protector washer, red	1
terminal protector washer, green	1
hand cleaning towelette	1
battery cleaner brush, metal	1



Solder Pellet, Terminals & Triple Wall Heat Shrink Battery Kit

part no.	case size	pieces
654	18" x 12" x 3"	89

part no. 654 contents	qty
900905 battery terminal solder slug 4 ga. gray	8
900925 battery terminal solder slug 1 ga. pink	8
900935 battery terminal solder slug 1/0 ga. black	8
900945 battery terminal solder slug 2/0 ga. orange	8
– 4 Ga positive straight battery terminal	2
– 4 Ga negative straight battery terminal	2
909125 1–2 Ga positive straight battery terminal	2
909135 1–2 Ga negative straight battery terminal	2
909145 1/0 Ga positive straight battery terminal	2
909155 1/0 Ga negative straight battery terminal	2
909165 2/0 Ga positive straight battery terminal	2
909175 2/0 Ga negative straight battery terminal	2
907415 4 Ga ⅝" stud gray starter lug	4
907435 2–1 Ga ⅝" stud pink starter lug	4
907445 1/0 Ga ⅝" stud black starter lug	4
907455 2/0 Ga ⅝" stud orange starter lug	4
– heavy wall shrink tube .50" pre-shrink ID, red 3:1 1.5" L	4
– heavy wall shrink tube .50" pre-shrink ID, black 3:1 1.5" L	4
980725 heavy wall shrink tube .75" pre-shrink ID, red 3:1 1.5" L	4
980715 heavy wall shrink tube .75" pre-shrink ID, black 3:1 1.5" L	4
980745 heavy wall shrink tube 1.10" pre-shrink ID, red 3:1 2" L	4
980735 heavy wall shrink tube 1.10" pre-shrink ID, black 3:1 2" L	4
8920 liquid flux	1



Battery Terminal & Lug Kit

part no.	case size	pieces
650	13 ⁵ / ₁₆ " x 9 ¹ / ₄ " x 2"	49

part no. 650 contents	qty
906815 standard copper lug ⅝" 6 & 4	5
906825 standard copper lug ⅝" 2	5
906855 standard copper lug ⅝" 2/0	5
906615 standard copper lug ⅝" 6 & 4	5
906625 standard copper lug ⅝" 2	5
906655 standard copper lug ⅝" 2/0	5
605DL side terminal acces pwr conn	5
908885 universal copper lug universal 8–4/0	2
909165 straight barrel battery terminal positive 2/0	2
909175 straight barrel battery terminal negative 2/0	2
909115 straight barrel battery terminal universal 4	2
909125 straight barrel battery terminal positive 2–1	2
909135 straight barrel battery terminal negative 2–1	2
909105 straight barrel battery terminal universal 6	2



Solder Pellet & Triple Wall Heat Shrink Battery Kit

part no.	case size	pieces
652	11" x 6 ³ / ₄ " x 1 ³ / ₄ "	48

part no. 652 contents	qty
900905 battery terminal solder slug 4 ga. gray	5
900915 battery terminal solder slug 2 ga. green	5
900925 battery terminal solder slug 1 ga. pink	5
900935 battery terminal solder slug 1/0 ga. black	5
900945 battery terminal solder slug 2/0 ga. orange	5
900955 battery terminal solder slug 3/0 ga. purple	5
900965 battery terminal solder slug 4/0 ga. yellow	5
8920 2 oz. no-clean flux bottle	1
– heavy wall shrink tube .50" pre-shrink ID, black 3:1 1.5" L	2
– heavy wall shrink tube .50" pre-shrink ID, red 3:1 1.5" L	2
980725 heavy wall shrink tube .75" pre-shrink ID, black 3:1 1.5" L	2
980715 heavy wall shrink tube .75" pre-shrink ID, red 3:1 1.5" L	2
980745 heavy wall shrink tube 1.10" pre-shrink ID, black 3:1 2" L	2
980735 heavy wall shrink tube 1.10" pre-shrink ID, red 3:1 2" L	2

Electrical Repair Kits



The FirstMate™ Marine Electrical Repair Kit

part no.	case size	pieces
415	10¾" x 7½" x 3¼"	230

part no. 415 contents	qty
crimping tool	1
6" natural standard cable tie	5
8" natural standard cable tie	5
4" UV black standard cable tie	5
8" UV black standard cable tie	5
8" natural mounting cable tie	5
3" black 3:1 heat shrink tubing, 3/8"	5
red tinned marine grade wire, 16 ga, 10'	1
black tinned marine grade wire, 16 ga, 10'	1
red tinned marine grade wire, 12 ga, 10'	1
black tinned marine grade wire, 12 ga, 10'	1
blue quick splice connector, 18-14 ga	10
ring terminal, nylon double crimp, 8 stud, 16-14 ga	20
ring terminal, nylon double crimp, 10 stud, 16-14 ga	20
ring terminal, nylon double crimp, 5/16" stud, 16-14 ga	15
ring terminal, nylon double crimp, 3/8" stud, 16-14 ga	10
ring terminal, nylon double crimp, 10 stud, 12-10 ga	10
ring terminal, nylon double crimp, 5/16" stud, 12-10 ga	10
ring terminal, nylon double crimp, 3/8" stud, 12-10 ga	10
butt connector, nylon double crimp, 22-18 ga	15
butt connector, nylon double crimp, 16-14 ga	25
butt connector, nylon double crimp, 12-10 ga	15
push-on terminal, male, fully insulated nylon double crimp, .250, 16-14	10
push-on terminal, female, fully insulated nylon double crimp, .250, 16-14	15
push-on terminal, female, nylon double crimp, .250, 16-14	10



The FixIt™ Electrical Repair Kit – Twin Kit™ Series

part no.	case size	pieces
410DL	10¾" x 7½" x 3¼"	399

part no. 410DL contents	qty
Philips Screwdriver	1
Slotted Screwdriver	1
Low Voltage Tester	1
Wire Stripper	1
¾" x 30' Roll of Electrical Tape	1
Fuse Puller	1
22-18 ga. Butt Splice	14
16-14 ga. Butt Splice	14
22-18 ga. Fork Terminal	5
22-18 ga. Ring Terminal	5
16-14 ga. Fork Terminal	5
16-14 ga. Ring Terminal	5
22-18 ga. Female Disconnect	5
16-14 ga. Female Disconnect	5
22-18 ga. Male Disconnect	5
16-14 ga. Male Disconnect	5
12-10 ga. Ring Terminal	3
12-10 ga. Fork Terminal	4
Grey Wire Nut	10
Blue Wire Nut	5
Orange Wire Nut	5
⅛" Plastic Cable Clamps	10
¼" Plastic Cable Clamps	3
⅜" Plastic Cable Clamps	3
ATC Fuses	5
AGC Fuses	5
Mini Fuses	5
16-14 ga. Tap Splice	3
10' 18 ga. Red Wire	1
4" Yellow Cable Ties	51
4" Green Cable Ties	51
4" Red Cable Ties	51
4" Natural Cable Ties	51
4" Black Cable Ties	51
6" Natural Cable Ties	6
Red/Black Alligator Clip Leads	1
4" Velcro Grip Strips	4



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Automotive Electrician's Tote

part no.	description	pieces
9900800	automotive electricians kit	618

part no.	9900800 contents	qty
962303	Cable Ties, UV Black, 4"	100
962903	Cable Ties, UV Black, 8"	100
952105	Ring Terminal, 10 Stud, 16-14 ga	50
951105	Ring Terminal, 10 Stud, 20-18 ga	50
891	Heat Shrink & Crimp Butt Connector 100 pcs assortment, 22-18/16-14/12-10 Gauge	1
964105	Heat Shrink Push-on Terminal, Male, .250", 20-18 ga	50
964305	Heat Shrink Push-on Terminal, Male, .250", 16-14 ga	50
964005	Heat Shrink Push-on Terminal, Female, .250", 20-18 Ga	50
964205	Heat Shrink Push-on Terminal, Female, .250", 16-14 Ga	50
307	Fuse Kit - ATO & MINI with Tap-ins	1
931835	Self Tapping Phillips Pan Head Screw, Steel w/Zinc, #10-16 x 1/2"	100
8141	Red Thrifty Spool, 14 Ga, 25-ft	1
8145	Black Thrifty Spool, 14 Ga, 25-ft	1
8181	Red Thrifty Spool, 18 Ga, 45-ft	1
8185	Black Thrifty Spool, 18 Ga, 45-ft	1
335	3M Super 33 Tape, 7 mil, 3/4" x 66-ft	1
733	Electrical Tape, 60 ft	1
890025	Rosin Core - 1/4 lbs. Spool, 60/40 Solder, .025" dia.- 25	1
550	Single Wall 2:1 Shrink Tube Kit "The Protector"	1
946010	PT-200 Butane Power Torch	1
990630	Wire Stripper, 20-10 ga. GS-355	1
75606	Pocket LED Light Stick, 6 Diode	1
990100	Portable Heat Tool w/Solder Tip, Hot Blower & Deflector	1
990025	Heat Shrink Terminal Ratchet Crimp Tool 22 - 8ga	1
19015217	Side Cutter Pliers GB #GS-386	1
19015218	Insulated Screwdriver 2 Piece Set, No. 2 Phillips & 3/16" Slotted	1
990290	Tool Tote with Storage Drawer	1

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Ratchet Wrench Knockout Set

part no.	pipe sizes	hole size O.D.	pieces
992102	1/2"-2"	7/8"-2 3/8"	9



Knockout Set

part no.	pipe sizes	hole size O.D.	pieces
992100	1/2", 3/4", 1", 1 1/4"	7/8", 1 3/32", 1 1/32", 1 1/16"	6



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Rack for Metal Boxes

Heavy-duty, rugged metal racks, in a gray hammerstone finish, holds up to 4 metal scoop boxes. **Order scoop boxes separately, see below.**

part no.	description	fits box no.	fits kit no.	weight (lbs)
990275	4 drawer rack for 13 ⁵ / ₁₆ " x 9 ¹ / ₄ " x 2" boxes h: 11 ¹ / ₄ ", w: 15 ¹ / ₄ ", d: 11 ³ / ₄ "	990250 990265	650	22
990280	4 drawer rack for 18" x 12" x 3" boxes h: 15", w: 20", d: 15 ³ / ₄ "	990255 990270	275, 276, 277 75045, 75043	37



Table Top Wire Rack & Terminal Kit

This versatile wire rack comes with a sliding top drawer that houses an 18" x 12" x 2" size scoop box that comes with an assortment of terminals. Rack can hold a wide combination of 100' to 500' spools of assorted wires. It is manufactured from heavy-duty powder coated steel for durability. Available with and without terminals. 11 7/8" D x 16 7/16" H x 15 3/16" W.

part no.	description
9900815	table top wire rack & terminal kit
9900816	table top wire rack only



990250

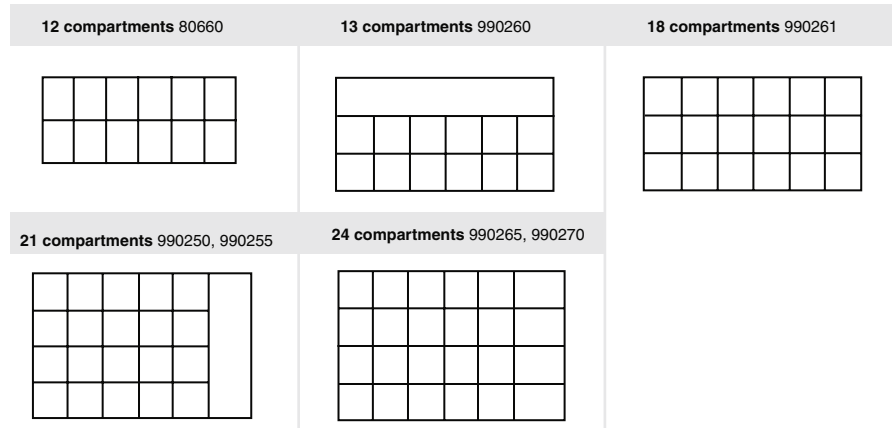


990260

Scoop Boxes

Ideal for organizing and storing small parts. Rounded bottoms to make scooping out parts quick and easy. Model 990260, 990261 and 80660 are high strength clear polyethylene plastic; all other models are constructed of steel. Models 990250 and 990255 have one larger compartment for hand tool storage.

part no.	descriptions	number of compartments	weight (lbs)
80660	6 ⁷ / ₈ " x 3 ³ / ₈ " x 1 ¹ / ₁₆ "	12	1
990250	13 ⁵ / ₁₆ " x 9 ¹ / ₄ " x 2"	21	4
990255	18" x 12" x 3"	21	4
990260	11" x 6 ¹ / ₂ " x 1 ¹ / ₄ "	13	1
990261	11" x 6 ¹ / ₂ " x 1 ¹ / ₄ "	18	1
990265	13 ⁵ / ₁₆ " x 9 ¹ / ₄ " x 2"	24	4
990270	18" x 12" x 3"	24	4



Mobile Wire Cart

Perfect for maintenance facilities, garages and construction sites, the mobile wire spool and product rack provides efficiency and space to your work environment. The mobile cart allows for multiple types of wire or other spooled items such as loom to be organized and readily available. It features four 5" x 1¹/₄" polyurethane casters (2 fixed, 2 free), two louvered side panels for 4" x 5" plastic (part number 9900811) and 4" x 8" metal bins (part number 9900813). It is manufactured from heavy-duty, all welded 14 ga. steel and has a 1,200 lb capacity.

part no.	description
9900810	mobile wire cart (bins not included)
9900811	yellow plastic bins, 4" X 5"
9900812	yellow plastic bins, 4" X 8"
9900813	adjustable metal shelf, 4" X 18"
9900814	mobile wire cart w/bins

Toggle Switches



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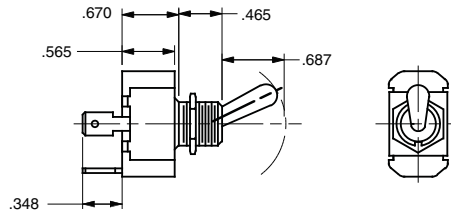
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F-Series: Carling Technologies® Toggle Switches

These standard toggle switches feature a slow make and slow break contact mechanism. Switch is manufactured from brass/nickel plate with a phenolic base. The mechanical life of the F-Series is 100,000 cycles, electrical life of 50,000 cycles and a 25,000 cycle maintained, momentary. The dielectric strength meets UL/CSA 1000V, live to dead metal parts. Insulation resistance is 100 megaohms. Temperature rating of -17.8°C to 65.6°C (0°F to 150°F).

Recommended mounting hole: .500"



See above for dimensions

poles	circuit			.250" Flat	screw	ratings
	A	B	C	OEM	OEM	
S.P.S.T.	ON	-	OFF	20073020	20073185*	12A @ 250V AC, 20A @ 125V AC, 1HP 120-240V AC
S.P.S.T.	ON	-	OFF	—	273274DL**	
S.P.S.T.	ON	-	(OFF)	—	27200029*	10A @ 250V AC, 15A @ 125V AC, ¼HP 120-240V AC
S.P.S.T.	(ON)	-	OFF	27200080	27200018	
S.P.D.T.	ON		ON	27200033	27200035	10A @ 250V AC, 20A @ 125V AC, ¼HP 125-250V AC
S.P.D.T.	ON		(ON)	—	27200037	10A @ 250V AC, 15A @ 125V AC, ¼HP 120-240V AC
S.P.D.T.	ON	OFF	ON	20073022	—	10A @ 250V AC, 15A @ 125V AC, ¼HP 250V AC
S.P.D.T.	ON	OFF	ON	27200105	20073115	10A @ 250V AC, 20A @ 125V AC, ¼HP 125-250V AC
S.P.D.T.	ON	OFF	(ON)	27200082	27200049	10A @ 250V AC, 15A @ 125V AC, ¼HP 120-240V AC
S.P.D.T.	(ON)	OFF	(ON)	27200045	20073247	

*Faceplate included.

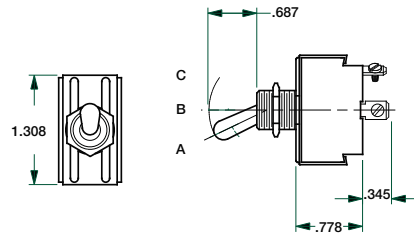
**Sealed Switch



G-Series: Carling Technologies® Toggle Switches

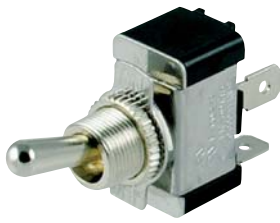
These standard toggle switches feature a slow make and slow break contact mechanism. The switch is manufactured from brass/nickel plate with a phenolic base. The mechanical life of the G-Series is 100,000 cycles, electrical life of 50,000 cycles and a 25,000 cycle maintained, momentary. The dielectric strength meets UL/CSA 1000V, live to dead metal parts and opposite polarity. Insulation resistance is 100 megaohms. Temperature rating of 0°C to 85°C (32°F to 185°F).

Recommended mounting hole: .500"



See above for dimensions

poles	circuit			.250" Flat	screw	ratings
	A	B	C	OEM	OEM	
D.P.S.T.	ON	-	OFF	27300012	20073120	20A @ 125-277V AC
D.P.S.T.	(ON)	-	OFF	27300015	27300020	10A @ 250V AC, 15A @ 125V AC, ¼HP 250V AC
D.P.D.T.	ON	-	ON	27300027	20073246	20A @ 120-277V AC
D.P.D.T.	ON	-	(ON)		27300033	15A @ 125V AC, 10A @ 250V AC, ¼HP 250V AC
D.P.D.T.	ON	OFF	ON	27300045	20073025	20A 120-277V AC
D.P.D.T.	ON	OFF	(ON)	27300103	27300063	10A @ 250V AC, 15A @ 125V AC, ¼HP 125-250V AC
D.P.D.T.	(ON)	OFF	(ON)	27300050	20073155	

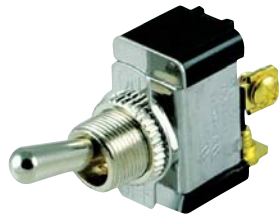


Single Pole Heavy-duty Toggle Switches

Standard, heavy-duty switches are ideal for industrial controls, marine panels, trucks, buses and automotive applications. The "O" ring toggle switches feature a neoprene gasket at the base of the actuator to prevent dust and moisture from interrupting the actuation and protecting against harsh environments. The frame and supports are manufactured from a zinc chromate plated steel with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass material with all other exterior parts being brass/bright nickel. CSA and RoHS rated. **Recommended mounting hole: .500" diameter.**



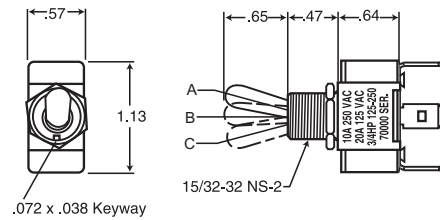
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Hardware included
Knurl nut, hex nut, On-Off faceplate (faceplate not included on double pole switches)

OEM
back-up nut assembled only, other hardware poly bagged

Assembled
all hardware assembled on switch



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Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

single pole heavy-duty toggle switches

See above for dimensions										ratings
poles	circuit			.250" Flat		screw		reg. solder		
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
S.P.S.T.	ON	—	OFF	7200012*	73020	7200017	73185	7200020	7200019*	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 3/4 HP 125-250V AC
S.P.S.T.	(ON)	—	OFF	—	7200080	—	7200018	—	—	
S.P.S.T.	ON	—	(OFF)	—	—	—	7200029	—	—	
S.P.D.T.	ON	—	ON	—	7200033*	—	7200035*	7200039	—	
S.P.D.T.	ON	—	(ON)	—	—	—	7200037*	—	—	
S.P.D.T.	ON	OFF	ON	7200044*	73022*	—	73115*	7200052*	—	
S.P.D.T.	ON	OFF	(ON)	—	7200082	—	7200049*	—	—	
S.P.D.T.	(ON)	OFF	(ON)	7200047*	7200045*	—	73247*	7200054*	—	

() Indicates momentary action
* Does not include faceplate

single pole heavy-duty "o" ring toggle switches

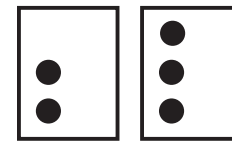
See above for dimensions										ratings
poles	circuit			.250" Flat		screw		reg. solder		
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
S.P.S.T.	ON	—	OFF	7200004	7200102	—	73274DL	—	—	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 3/4 HP 125-250V AC
S.P.S.T.	(ON)	—	OFF	—	7200101	—	7200100	—	—	
S.P.D.T.	ON	—	ON	—	—	—	7200103*	—	—	
S.P.D.T.	ON	OFF	ON	—	7200105*	—	7200104*	—	—	
S.P.D.T.	(ON)	OFF	(ON)	7200084*	7200107*	—	7200106*	—	—	

() Indicates momentary action
* Does not include faceplate

INFORMATION

SWITCH TYPES:

S.P.S.T. = single pole, single throw - switches control a single wire circuit.
S.P.D.T. = single pole, double throw - switches control two single wire circuits, permitting only one circuit to be energized at a time.



S.P.S.T.

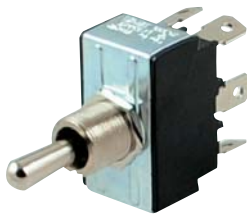
S.P.D.T.



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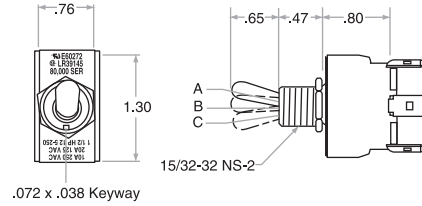
Double Pole Heavy-duty Toggle Switches

Standard, heavy-duty switches are ideal for industrial controls, marine panels, trucks, buses and automotive applications. The "O" ring toggle switches feature a neoprene gasket at the base of the actuator to prevent dust and moisture from interrupting the actuation and protecting against harsh environments. The frame and supports are manufactured from a zinc chromate plated steel, with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass material with all other exterior parts being brass/bright nickel. CSA and RoHS rated. **Recommended mounting hole: .500" diameter.**

Hardware included
Knurl nut, hex nut, On-Off faceplate (faceplate not included on double pole switches)

OEM
Back-up nut assembled only, other hardware poly bagged

Assembled
All hardware assembled on switch



Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

double pole heavy-duty toggle switches

See above for dimensions										
				.250" Flat		screw		reg. solder		
poles	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	ratings
D.P.S.T.	ON	—	OFF	7300013	7300012	7300018	73120	—	7300022	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 1½ HP 125–250V AC
D.P.S.T.	(ON)	—	OFF	—	7300015	—	7300020	—	—	
D.P.D.T.	ON	—	ON	7300028*	7300027*	—	73246*	7300037*	—	
D.P.D.T.	ON	—	(ON)	7300029*	—	—	7300033*	—	—	
D.P.D.T.	ON	OFF	ON	7300047*	7300045*	—	73025*	7300068*	—	
D.P.D.T.	ON	OFF	(ON)	—	7300103*	—	7300063*	—	—	
D.P.D.T.	(ON)	OFF	(ON)	7300051*	7300050*	—	73155*	—	—	

() Indicates momentary action
* Does not include faceplate

double pole heavy-duty "o" ring toggle switches

See above for dimensions										
				.250" Flat		screw		reg. solder		
poles	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	ratings
D.P.S.T.	ON	—	OFF	—	7300126	—	7300125	—	—	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 1½ HP 125–250V AC
D.P.D.T.	ON	—	ON	—	7300128*	—	—	—	—	
D.P.D.T.	ON	OFF	ON	—	7300131*	—	7300129*	—	—	
D.P.D.T.	(ON)	OFF	(ON)	—	7300135*	—	7300133*	—	—	

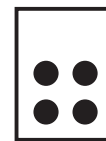
() Indicates momentary action
* Does not include faceplate

INFORMATION

SWITCH TYPES:

D.P.S.T. = double pole, single throw - switches control two circuits simultaneously. Circuits are ON at the same time, OFF at the same time and may be of different voltages from separate sources.

D.P.D.T. = double pole, double throw - switches control four circuits, permitting only two circuits to be energized at a time.



D.P.S.T.



D.P.D.T.



Specialty Circuit, Heavy-duty Toggle Switches

Choose from a complete line of heavy-duty, motor-rated, reversing and progressive toggle switches. Typical applications include: tailgate, lift platform, motor controls and general industrial automation applications. The frame and supports are manufactured from zinc chromate plated steel, with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass material with all other exterior parts being brass/bright nickel. Available in a complete line of actuation and termination styles. CSA and RoHS rated. **Recommended mounting hole: .500" diameter.**



Scan for pricing or go to www.delcity.net/catalogpricing

Figure 1

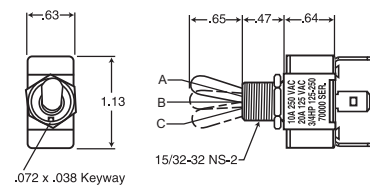
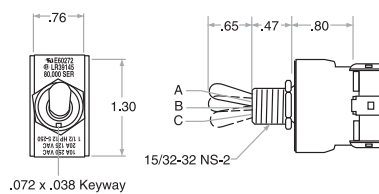


Figure 2



Hardware included
Knurl nut, hex nut, 7200001 & 7200002 comes with hex nut, knurl nut and On-Off faceplate

OEM
Back-up nut assembled only, other hardware poly bagged

Assembled
All hardware assembled on switch



View the inside catalog cover for Prop 65 Warning.

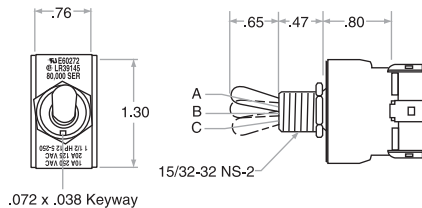
Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

motor-rated heavy-duty toggle switches

Refer to **Figure 1 & 2** above for dimensions

poles	circuit			.250" Flat		screw		figure	ratings
	A	B	C	OEM	assembled	OEM	assembled		
S.P.S.T.	ON	—	OFF	7200002	—	7200001	—	1	10A 250V AC 20A 125V AC 3/4 HP 125–250V AC
D.P.S.T.	ON	—	OFF	7300001*	—	7300021*	—	2	20A @ 277V AC 1-1/2 HP @ 125–250V AC
D.P.D.T.	ON	—	ON	7300002*	—	—	—	2	

* Does not include faceplate



Hardware included
Knurl nut, hex nut

OEM
Back-up nut assembled only, other hardware poly bagged

Assembled
All hardware assembled on switch

reversing and progressive toggle switches

See above for dimensions

poles	style	circuit			part no.	termination		no. of terminals	ratings
		A	B	C		OEM	assembled		
S.P.3.T	progressive	ON	ON	ON	7300048	—	.250 flat	5	10A @ 277V AC 20A @ 125V AC 1-1/2 HP @ 125–250V AC
D.P.D.T.	reversing	ON	OFF	ON	7300054	.250 flat	—	6	
D.P.D.T.	reversing	(ON)	OFF	(ON)	7300055	—	.250 flat	4	
D.P.D.T.	reversing	ON	—	ON	7300038	—	screw	6	21A @ 14V DC
D.P.D.T.	reversing	(ON)	OFF	(ON)	7300057	—	.250 flat	4	
D.P.D.T.	reversing	(ON)	OFF	(ON)	7300067	—	screw	4	

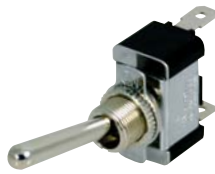
() indicates momentary action



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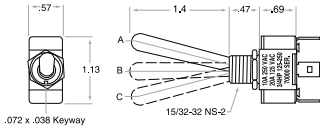


Specialty Toggle Bat Handle Switches

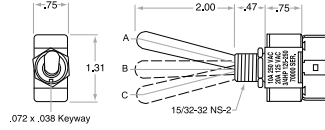
These standard, heavy-duty switches feature an extended bat handle. The frame and support are manufactured from a zinc chromate plated steel, with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from a brass material with all other exterior parts being brass/bright nickel. CSA and RoHS rated.

Recommended mounting hole: .500" diameter.

7200032



7900081



Hardware included

Knurl nut, hex nut, On-Off faceplate

OEM

Back-up nut assembled only, other hardware poly bagged

Assembled

All hardware assembled on switch

Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

See above for dimensions										ratings
poles	circuit			.250" Flat		screw		reg. solder		
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
S.P.S.T.	ON	—	OFF	—	—	—	7200032	—	—	10A @ 277V AC 20A @ 125V AC 3/4 HP 125-250V AC
D.P.D.T.	(ON)	OFF	(ON)	—	7900081*	—	—	—	—	10A @ 277V AC 20A @ 125V AC 1 1/2 HP 125-250V AC

() Indicates momentary action
*faceplate not included



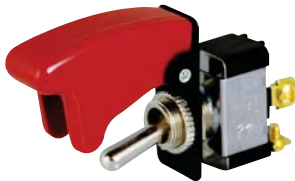
Sealed Toggle Switches

Completely sealed in epoxy and feature double O-rings for a waterproof and dustproof switch that can be mounted anywhere on a vehicle. The bushing, handle and hardware are constructed of nickel-plated brass and silver contacts ensure long life. The standard 1 1/2" bushing enables easy mounting through a standard diameter hole in a panel. Operating temperature: -40°C to 85°C (-20°F to 185°F). Switch: 1.24" deep x 0.87" wide x 1.46" high. Wires: 14 AWG, 12" Long. Handle Actuation Force: 32-38 oz (8.9-10.5N). Ingress Rating: IP68.

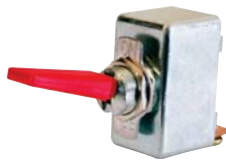
poles	circuit			wire leads	part no.	rating
	A	B	C			
S.P.S.T.	ON	—	OFF	2	73330	25A @ 12V DC / 15A @ 24V DC
S.P.S.T.	(ON)	—	OFF	2	73331	
S.P.D.T.	ON	OFF	ON	3	73332	
S.P.D.T.	ON	—	ON	3	73333	
S.P.D.T.	(ON)	OFF	(ON)	3	73334	
D.P.S.T.	ON	—	OFF	4	73335	

Toggle Switch & Red Safety Cover Kit

This kit includes one each of the standard On-Off toggle switch (part number 73185 – see page 101 for ratings) and toggle safety cover (part number 73200). The toggle safety cover is red urea plastic with a black steel faceplate. The kit comes unassembled and polybagged.



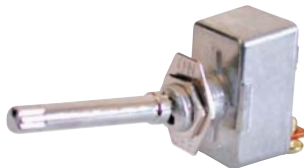
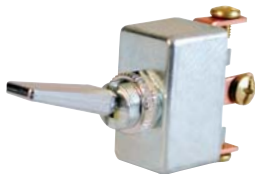
part no.	description
73210	toggle switch & red safety cover kit



73242



73240

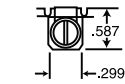


Hi-Amp Toggle Switches

Die cast housing with silver plated contacts and heavy copper terminals. Designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle. RoHS.

Recommended mounting hole: .500" diameter.

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	73240DL	black	50A @ 12V DC
S.P.S.T.	ON	—	OFF	—	73242DL	red	
S.P.S.T.	ON	—	OFF	—	73245	chrome	



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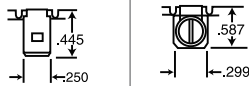
View the inside catalog cover for Prop 65 Warning.

Hi-Amp Toggle Switch with Interchangeable Boot

This switch includes 4 different colors (black, blue, red and yellow) of interchangeable boots. Die cast housing with silver plated contacts and heavy copper terminals. Designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle. RoHS.

Recommended mounting hole: .500" diameter.

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	73244	chrome	50A @ 12V DC

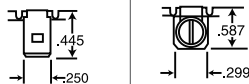


Hi-Amp Toggle Switch with Chrome Wedge Handle

Die cast housing with silver plated contacts and heavy copper terminals. Designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle. RoHS.

Recommended mounting hole: .500" diameter.

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.D.T.	ON	OFF	ON	—	73265	chrome	50A @ 12V DC

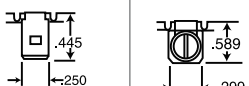


Hi-Amp Toggle Switch with Extended Handle

Ideal for low-voltage, hi-amp applications. Features a 1 1/8" bat handle for easy actuation, die cast housing with silver plated contacts and heavy copper terminals. Designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle. RoHS.

Recommended mounting hole: .500" diameter.

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	73260	chrome	50A @ 12V DC

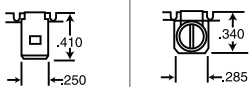


Brass Toggle Switch

Ideal for marine applications, the housing is manufactured from all brass material, with copper rivets for optimum conductivity. Furnished with nickel-plated face plate and brass back-up nut. Mounting stem dimensions: 3/8"L x 7/16"D, 1/16" x 28 threading. RoHS.

Recommended mounting hole: .438" diameter.

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	73275DL	chrome	35A @ 6V DC 20A @ 12V DC





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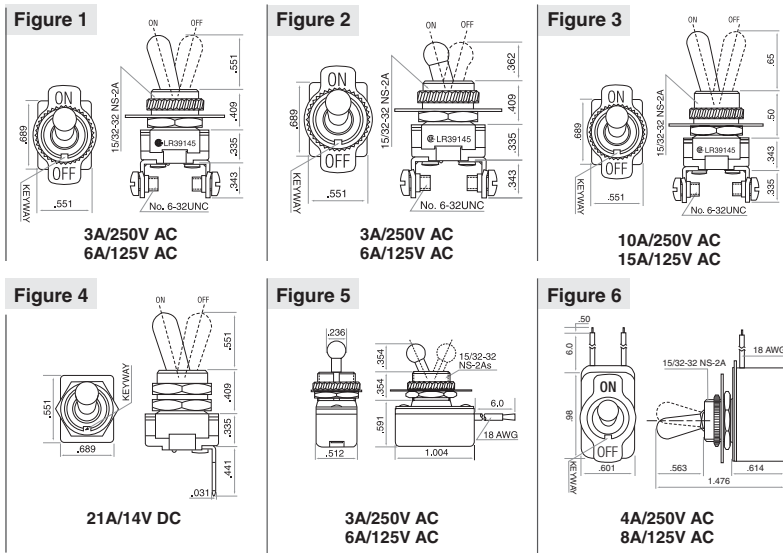
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Medium-duty Toggle Switches

The frame and support are manufactured from zinc chromate, plated steel, with a black, phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass with all other exterior parts being brass/bright nickel. CSA and RoHS rated.

Recommended mounting hole: .500" diameter.



Refer to drawings above for dimensions

poles	circuit			mounting			figure	ratings
	A	B	C	.250" Flat assembled	screw assembled	leaded assembled		
S.P.S.T.	ON	—	OFF	—	73030	—	1	3A @ 240V AC, 6A @ 120V AC
S.P.S.T.	ON	—	OFF	—	—	73105	6	4A @ 250V AC, 8A @ 125V AC
S.P.S.T.	ON	—	OFF	—	73190	—	3	10A @ 240V AC, 15A @ 120V AC
S.P.S.T.	ON	—	GRD	7900009	—	—	4	21A @ 14V DC
S.P.S.T.	ON	—	OFF	—	7900007*	7900010*	5	3A @ 250V AC, 6A @ 125V AC

* ball toggle



71015

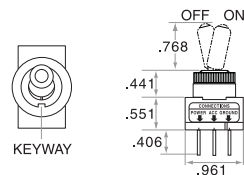


71510

LED Illuminated Toggle Switches with Chrome Handle

Choose from either standard or extended bat handle (1 1/2"). Both incorporate a chrome handle and LED light with a 100,000 hour life. Wiring is made simple with labeled .250" terminals. Housing is manufactured from a polycarbonate material. Black hex nut included. RoHS.

Recommended mounting hole: .500" diameter.



See above for dimensions

poles	circuit			bat handle		illumination	ratings
	A	B	C	standard	long		
S.P.S.T.	ON	—	OFF	71000	71500	red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	71005	—	amber	
S.P.S.T.	ON	—	OFF	71010	71510	blue	
S.P.S.T.	ON	—	OFF	71015	71515	green	

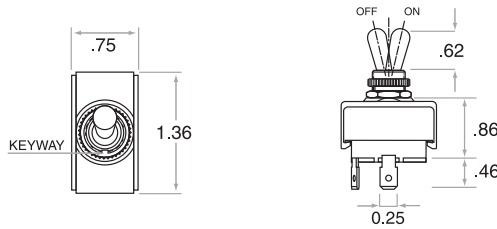


Double Insulated, Plastic Toggle Switches

Choose from both standard and wedge handle versions of this versatile toggle switch. Both include an internal "O" ring for resistance to moisture and other foreign debris. Frame and toggle handle are manufactured from a black, phenolic plastic (flammability rating: UL 94 flame class 94V-1). Terminals are a brass material with all other exterior parts made of brass/ bright nickel. CSA and RoHS rated. **Recommended mounting hole: .500" diameter.**



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Hardware included
Black knurl nut, hex nut

OEM
Back-up nut assembled only, other hardware poly bagged

Assembled
All hardware assembled on switch



View the inside catalog cover for Prop 65 Warning.

Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

See above for dimensions

poles	circuit			bat handle	wedge handle	ratings
	A	B	C	assembled	assembled	
S.P.S.T.	ON	—	OFF	7000012	73305	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC
S.P.D.T.	ON	—	ON	7000018	—	
S.P.D.T.	ON	—	(ON)	7000019	—	
S.P.D.T.	ON	OFF	ON	7000024	7000022	
S.P.D.T.	(ON)	OFF	(ON)	7000026	7000023	
D.P.S.T.	ON	—	OFF	7000030	—	
D.P.D.T.	ON	—	ON	—	7000054	
D.P.D.T.	ON	OFF	ON	7000042	73150	
D.P.D.T.	(ON)	OFF	(ON)	7000044*	73160	

() Indicates momentary action



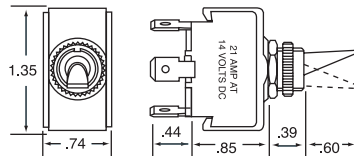
7900065



7000007

Light-duty Toggle Switches

Ideal for almost any application. An internal "O" ring helps seal out dust, moisture and other foreign debris. Available in both dependent and independent illumination. RoHS. **Recommended mounting hole: .500" diameter.**



Hardware included
Black knurl nut, black hex nut

Assembled
All hardware assembled on switch

Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

See above for dimensions

poles	circuit			.250 flat	screw	illumination	ratings
	A	B	C				
S.P.S.T.	ON	—	OFF	7900065	—	red/dep, white/indep	21A @ 14V DC
S.P.S.T.	ON	—	OFF	—	7000007	red/dep, white/indep	
S.P.S.T.	ON	—	OFF	7200025	—	red/dep	

INFORMATION

Illumination:
Independent vs. dependant

Dependant – Switch will illuminate when actuated to ON position.

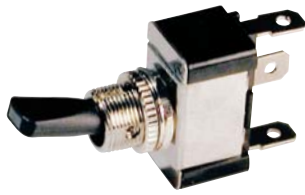
Independent – Switch will illuminate as long as power is supplied to the switch



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LED Illuminated Toggle Switches with Wedge Handle

Square tip illuminated LED provides vibrant illumination. Minimum draw requirement for the LED is 20mA at 12V DC. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. RoHS.

Recommended mounting hole: .500" diameter.

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	73050	red	30A @ 12V DC
S.P.S.T.	ON	—	OFF	73055	green	
S.P.S.T.	ON	—	OFF	73060	blue	
S.P.S.T.	ON	—	OFF	73065	white	



LED Toggle Switch with Full Tip Illumination

Full tip illumination of the LED provides vibrant illumination when actuated. Minimum draw requirement for the LED is 20mA at 12V DC. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. The length of the toggle is .966". Includes knurl nut. RoHS. **Recommended mounting hole: .500" diameter.**

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	73180	red	20A @ 12V DC



7600500

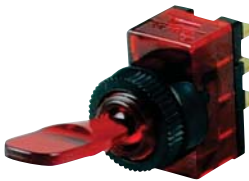
LED Illuminated Paddle Switches

Unique design allows for a greater surface area of the actuator to be used. The square tip LED provides a vibrant illumination when actuated. Housing is manufactured from black nylon and easily snaps into place. RoHS. **Recommended mounting hole: .866" diameter.**

poles	circuit			termination	number of terminals	illumination	ratings
	A	B	C	.250" flat			
S.P.S.T.	ON	—	OFF	7600500*	4	red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	7600505*	4	green	



* contains two additional solder terminals



73205

Illuminated Toggle Switches with Extended Duckbill Handle

The translucent colored wedge handle glows from an incandescent bulb when actuated. The .687" handle allows for easy viewing and actuation. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. RoHS.

Recommended mounting hole: .500" diameter.



73145

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	73205	red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	73215	green	
S.P.S.T.	ON	—	OFF	73225	amber	
S.P.S.T.	ON	—	OFF	73235	blue	
S.P.S.T.	ON	—	OFF	73145*	black	



* Non-illuminated



76900

LED Illuminated Duckbill Toggle Switches

The translucent colored handle glows from a 100,000 hour LED when actuated. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. RoHS.

Recommended mounting hole: .500" diameter.

poles	circuit			termination	illumination	ratings	handle length
	A	B	C	.250 flat			
S.P.S.T.	ON	—	OFF	76900	red	20A @ 12V DC	0.625"
S.P.S.T.	ON		OFF	76000	red	20A @ 12V DC	1"



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73176

Illuminated Duckbill Toggle Switches

The translucent colored, duck-billed handle glows from an incandescent bulb when actuated. The .625" handle allows for easy viewing and actuation. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. RoHS.

Recommended mounting hole: .500" diameter.



73170DL



73172DL

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	73174DL	red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	73176	amber	
S.P.S.T.	ON	—	OFF	73178	blue	
S.P.S.T.	ON	—	OFF	73179	green	
S.P.S.T.	ON	—	OFF	73170DL*	black*	
S.P.S.T.	ON	—	OFF	73172DL*	chrome*	



* Non-illuminated

Rocker Switches



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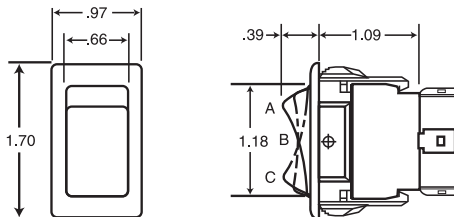
7700061



73392

Full Size Rocker Switches

Rocker frame and actuator are manufactured from glass-filled nylon, with the case molded from black nylon (flammability rating: UL 94 flame class 94V-2). Terminals are manufactured from brass material. A secondary gasket is molded into the switch base to provide added moisture and dust resistance. RoHS. **Recommended mounting hole: .830" (+ 0.015) x 1.450" (+ .005).**



non-illuminated single & double pole rocker switches

See above for dimensions

poles	circuit			rocker color or description	termination		ratings
	A	B	C		.250" flat	screw	
S.P.S.T.	ON	—	OFF	black/black	73391	—	10A @ 277V AC 20A @ 125V AC 3/4 HP 125–250V AC
S.P.S.T.	ON	—	OFF	black/ I O	7700061	—	
S.P.S.T.	(ON)	—	OFF	black/black	7700003	—	
S.P.D.T.	ON	—	ON	black/black	7700018	—	
S.P.D.T.	ON	OFF	ON	black/black	7700028	—	
S.P.D.T.	(ON)	OFF	(ON)	black/black	7700030	—	
D.P.S.T.	ON	—	OFF	black/black	73392	—	10A @ 277V AC 20A @ 125V AC 1-1/2 HP 125–250V AC
D.P.D.T.	ON	—	ON	black/black	7700024	—	
D.P.D.T.	ON	OFF	ON	black/black	7700044	—	
D.P.D.T.	ON	OFF	(ON)	black/black	7700045	—	
D.P.D.T.	(ON)	OFF	(ON)	black/black	7700046*	7700050	

() Indicates momentary action

* 7700046 also available with reversing function 7700061

illuminated single pole rocker switches

See above for dimensions



7700007

poles	circuit			rocker color or description	termination		ratings
	A	B	C		.250" flat	screw	
S.P.S.T.	ON	—	OFF	black/red dot	7700007	—	21A @ 14V DC
S.P.S.T.	ON	—	OFF	black/red dot	—	73393	
S.P.S.T.	ON	—	OFF	black/green dot	—	73394	
S.P.S.T.	ON	—	OFF	black/amber dot	—	73395	



7700300


Euro-Style Full Size Rocker Switches

The wave-like actuator provides a sleek appearance to any application. These switches are water and dust resistant, rated to IP56 NEMA. The nylon 6/6 actuator and frame are designed with a drainage system to help funnel water away from the internal switch components. UL and RoHS. **Recommended mounting hole: .830" (+ 0.015) x 1.450" (+ .005).**



Scan for pricing or go to www.delcity.net/catalogpricing

non-illuminated single pole rocker switches

poles	circuit			rocker color or description	termination	number of terminals	ratings
	A	B	C		.250" flat		
S.P.S.T.	ON	—	OFF	black/black		2	
S.P.S.T.	(ON)	—	OFF	black/black		2	
S.P.D.T.	ON	—	ON	black/black		3	
S.P.S.T.	ON	OFF	ON	black/black		3	
S.P.D.T.	ON	OFF	(ON)	black/black		3	16A @ 125V AC
S.P.D.T.	(ON)	OFF	(ON)	black/black		3	10A @277V AC
D.P.S.T.	ON	—	OFF	black/black		4	3/4 HP 125–277V AC
D.P.S.T.	(ON)	—	OFF	black/black		4	21A @ 14V DC
D.P.D.T.	ON	—	ON	black/black		6	
D.P.D.T.	ON	OFF	ON	black/black		6	
D.P.D.T.	ON	OFF	(ON)	black/black		6	
D.P.D.T.	(ON)	OFF	(ON)	black/black		6	




View the inside catalog cover for Prop 65 Warning.

LED illuminated single pole rocker switches



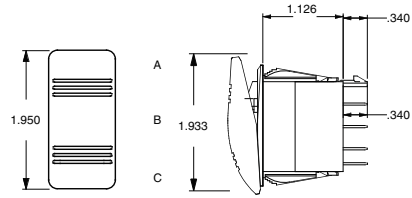
7700400

poles	circuit			rocker color or description	termination	number of terminals	ratings
	A	B	C		.250" flat		
S.P.S.T.	ON	—	OFF	black/red dot		3	
S.P.S.T.	ON	—	OFF	black/amber dot		3	
S.P.S.T.	ON	—	OFF	black/blue dot		3	20A @ 12V DC
S.P.S.T.	ON	—	OFF	black/white dot		3	



V-Series Carling Technologies® Contura III Rocker Switches

Carling Contura III rocker switches are manufactured to the highest standards for the demanding marine and transportation industries. They are designed to last 50,000 to 100,000 electrical cycles and fully tested to environmental, corrosion, temperature, vibration, shock and sealing tests. MIL-Std 202F, MIL-Std 810C, UL 1500/ISO8846, IEC 60529, BS 5490, UV940 flammability rating for switch base. RoHS.



Recommended mounting hole: 0.830" x 1.450".



Scan for pricing or go to www.delcity.net/catalogpricing



27600023



27600022



20073429



View the inside catalog cover for Prop 65 Warning.

non-illuminated single & double pole rocker switches

See above for dimensions

poles	circuit			rocker color or description	termination .250 flat	number of terminals	ratings
	A	B	C				
S.P.S.T.	ON	-	OFF	black/black		2	20A 12VDC
S.P.S.T.	(ON)	-	OFF	black/black		2	
S.P.S.T.	(ON)	-	OFF	red rocker		2	
S.P.D.T.	ON	OFF	ON	black/black		2	
S.P.D.T.	(ON)	OFF	(ON)	black/black		3	
D.P.D.T.	ON	OFF	ON	black/black		6	
D.P.D.T.	(ON)	OFF	(ON)	black/black		6	

illuminated single & double pole rocker switches

See above for dimensions

poles	circuit			rocker color or description	termination .250 flat	number of terminals	ratings
	A	B	C				
S.P.S.T.	ON		OFF	black/red		3	20A 12VDC
S.P.S.T.	ON		OFF	black/red		3	
D.P.D.T.	ON	OFF	ON	black/red		7	

*illuminated rocker switches are all dependant
** LED
^ incandescent



Carling V-Series Removal Tool

Compatible with Carling Contura II, III, IV and V series. Use to remove actuators (20001015 through 20001037) from switch bodies (20001001 through 20001014). Dimensions: 4" x 0.9".

part no.	description
20001033	Carling Contura II and III actuator removal tool



20001038

20001039

Carling Technologies® Contura Rocker Switch Connector Blocks

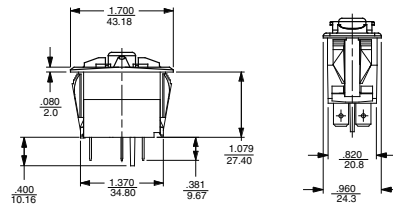
Easily install Carling Contura rocker switches with a Contura connector. Select the connector block that matches the configuration of the switch. Metri-Pack 630, tin plated terminals are offered in 10 to 22 gauge to accommodate all wiring applications.

part no.	description	use with
20001038	VCH, 8 terminal connector	86000, 86002, 86004, 86006, 86008, 86010
20001039	VC1, 10 terminal connector	



Carling Contura V-Series Switches

Dielectric Strength: 1500V RMS. Insulation Resistance: 50 Megohms. Life: 50,000 - 100,000 cycles circuit dependent. Contacts: Silver alloy, silver tin-oxide, fine silver. Terminals: Brass or copper/silver plated 1/4" Quick Connect. Panel Thickness: 0.030" to 0.250" without a gasket. UL and CSA rated. **Recommended Mounting Hole: 1.450" x 0.830".**



See above for dimensions

poles	circuit			rocker color	illumination	.250" Flat OEM	no. of terminals	ratings
	A	B	C					
S.P.S.T.	ON	—	OFF	black	1 incandescent	20001001	3	20A @ 12VDC
S.P.S.T.	ON	—	OFF	black	1 LED	20001002	3	
S.P.S.T.	ON	—	OFF	black	—	20001003	2	
S.P.S.T.	(ON)	—	OFF	black	—	20001004	2	
S.P.D.T.	ON	OFF	ON	black	2 incandescent	20001005	4	
S.P.D.T.	ON	OFF	ON	black	—	20001006	3	
S.P.D.T.	(ON)	OFF	(ON)	black	—	20001007	3	
D.P.S.T.	ON	—	OFF	black	1 incandescent	20001008	5	
D.P.S.T.	ON	—	OFF	black	—	20001009	4	
D.P.S.T.	(ON)	—	OFF	black	—	20001010	4	
D.P.D.T.	ON	—	ON	black	—	20001011	6	
D.P.D.T.	ON	OFF	ON	black	2 incandescent	20001012	7	
D.P.D.T.	ON	OFF	ON	black	—	20001013	6	
D.P.D.T.	(ON)	OFF	(ON)	black	—	20001014	6	



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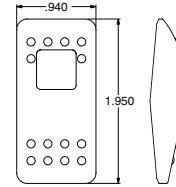
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20001015

Carling V-Series Contura II Actuators

Choose from a variety of switch actuators to mate with Carling V-Series switch bodies 20001001 - 20001014. The Contura II actuators are constructed of thermoplastic polycarbonate and are offered with a hard nylon overlay or a "soft-touch" elastomer overlay. These models incorporate aesthetic designs on the top and bottom of the rocker featuring two rows of raised "bumps" on the Contura II.



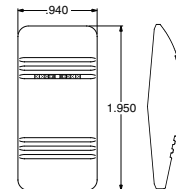
part no.	actuator color	lens color	actuator material	part no.	actuator color	lens color	actuator material
20001015	black	amber	hard plastic	20001021	red	red	hard plastic
20001016	red	amber	hard plastic	20001022	black	blue	hard plastic
20001017	black	green	hard plastic	20001022	black	none	hard plastic
20001018	black	red	hard plastic	20001024	red	none	hard plastic
20001019	red	2 red	hard plastic	20001034	black	none	soft plastic
20001020	black	2 red	hard plastic	20001035	red	none	soft plastic



20001025

Carling V-Series Contura III Actuators

Choose from a variety of switch actuators to mate with Carling V-Series switch bodies 20001001 - 20001014. The Contura III actuators are constructed of thermoplastic polycarbonate and are offered with a hard nylon overlay or a "soft-touch" elastomer overlay. These models incorporate aesthetic designs on the top and bottom of the rocker featuring three "indented" lines.



part no.	actuator color	lens color	actuator material	part no.	actuator color	lens color	actuator material
20001025	black	amber	hard plastic	20001030	black	blue	hard plastic
20001026	black	green	hard plastic	20001031	black	none	hard plastic
20001027	black	red	hard plastic	20001032	red	none	hard plastic
20001028	red	2 red	hard plastic	20001036	black	none	soft plastic
20001029	black	red	hard plastic	20001037	red	none	soft plastic

Surf 'N Turf™ Rocker Switches

Each switch is designed to resist both dust and moisture, meets SAE J-1171, UL 1500 requirements and IP 56 rating. UL component rated and RoHS. **Recommended mounting hole: .830" (+ 0.015) x 1.450" (+ .005).**



Scan for pricing or go to www.delcity.net/catalogpricing



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Figure 1

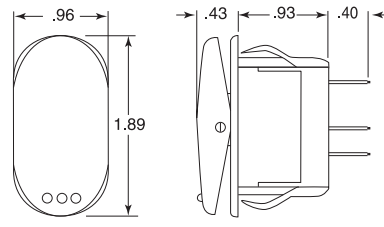


Figure 2

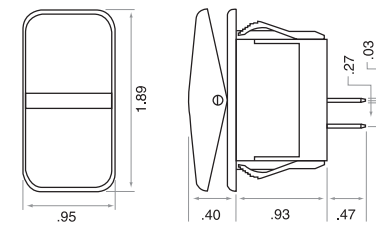


Figure 3

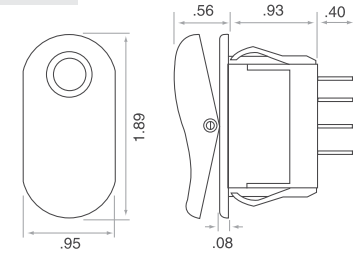
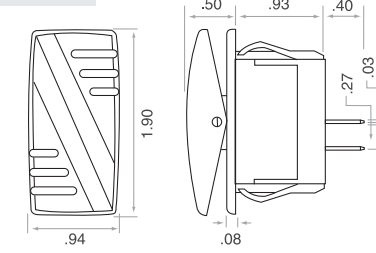


Figure 4



non-illuminated single & double pole rocker switches

Refer to drawings above for dimensions

poles	circuit			rocker color or description	 termination .250 flat	no. of terminals	switch style	ratings
	A	B	C					
S.P.S.T.	ON	—	OFF	black / black	73420	2	fig. 1	10A @ 250V AC 20A @ 125V AC 21A @ 14V DC
S.P.S.T.	(ON)	—	OFF	black / black	73421DL	2	fig. 1	
S.P.S.T.	(ON)	—	OFF	red / black	7600022	2	fig. 1	
S.P.D.T.	ON	OFF	ON	black / black	73471	3	fig. 1	
S.P.D.T.	(ON)	OFF	(ON)	black / black	73424DL	3	fig. 1	
D.P.S.T.	ON	—	OFF	black / black	73427	4	fig. 1	
D.P.D.T.	ON	—	ON	black / black	73428DL	6	fig. 1	
D.P.D.T.	ON	OFF	ON	black / black	73429	6	fig. 1	
D.P.D.T.	(ON)	OFF	(ON)	black / black	73430	6	fig. 1	
S.P.S.T.	ON	—	OFF	black / black	7600030	2	fig. 2	

() Indicates momentary action

illuminated single & double pole rocker switches

Refer to drawings above for dimensions

poles	circuit			rocker color or description	 termination .250 flat	no. of terminals	switch style	ratings
	A	B	C					
S.P.S.T.	ON	—	OFF	red dep	73432	3	fig. 1	21A @ 14V DC
S.P.S.T.	ON	—	OFF	amber dep	73433	3	fig. 1	
S.P.S.T.	ON	—	OFF	green dep	73434	3	fig. 1	
S.P.D.T.	ON	OFF	ON	red dep/red indep	73474	6	fig. 1	
D.P.S.T.	ON	—	OFF	red dep	73476	5	fig. 1	
D.P.D.T.	ON	—	ON	red dep	73477	6	fig. 1	
D.P.D.T.	ON	OFF	ON	red dep/red dep	7600023	7	fig. 1	
S.P.S.T.	ON	—	OFF	black/red dep	7600031	3	fig. 2	
S.P.D.T.	ON	OFF	ON	black/red dep	7600033	4	fig. 2	
S.P.S.T.	ON	—	OFF	red dep	7600035	3	fig. 3	
D.P.D.T.	ON	OFF	ON	red dep	7600036	7	fig. 3	
S.P.S.T.	ON	—	OFF	red dep	7600042	3	fig. 4	
D.P.D.T.	(ON)	OFF	(ON)	red indep	7600044	8	fig. 1	

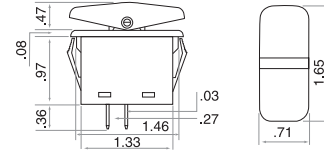
() Indicates momentary action



73280

Surf 'N Turf™ Guardian Series

Slim design allows for use when space is limited. Base and actuator are manufactured from 6/6 nylon material. The IP66 (moisture and dust resistant) rating makes this switch ideal for marine panels, trucks, buses, trailers construction, farm and recreation equipment. RoHS. **Recommended mounting hole: .600" (± 0.004) x 1.450" (± .004).**




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73281

See above for dimensions

poles	circuit			rocker color or description	termination	no. of terminals	ratings
	A	B	C		.250 flat		
S.P.S.T.	ON	—	OFF	black/red dep		3	20A @ 14V DC
S.P.S.T.	ON	—	OFF	black/black		2	18A @ 125V AC
S.P.S.T.	(ON)	—	OFF	black/red		2	10A @ 250V AC
S.P.D.T.	ON	OFF	ON	black/black		3	3/4 HP @ 125-250 AC
S.P.D.T.	(ON)	OFF	(ON)	black/black		3	10A @ 24V DC

() Indicates momentary action

* illuminated red dependent



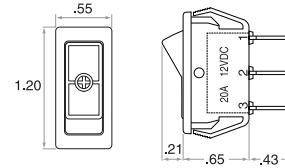
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
73355DL

Snap-in Rocker Switch

Ideal standard rocker switch for all of your DC applications. These two position switches are manufactured from black nylon material and are illuminated in the "ON" position. RoHS. **Recommended mounting hole: .500" x 1.000".**



See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF		red	20A @ 12V DC
S.P.S.T.	ON	—	OFF		green	
S.P.S.T.	ON	—	OFF		amber	
S.P.S.T.	ON	—	OFF		blue	



Scan for pricing or go to www.delcity.net/catalogpricing

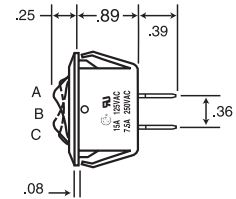
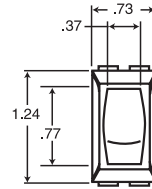


View the inside catalog cover for Prop 65 Warning.



Appliance Rocker Switches
 Choose from both illuminated and non-illuminated styles. Manufactured from a durable, black nylon material with the lighted version having an actuator made from a translucent polycarbonate material. The terminals are brass, with the contacts being either copper or silver-plated copper alloy. UL, CSA and RoHS rated.

Recommended mounting hole: .550" x 1.125", and panel thickness of .025" to .170".



non-illuminated single pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	7400001	black	10A @ 250A AC 16A @ 125A AC
S.P.S.T.	ON	—	OFF	7400015	black/on off	
S.P.D.T.	ON	—	ON	7400005	black	
S.P.D.T.	ON	OFF	ON	7400006	black	

() Indicates momentary action

LED illuminated single pole rocker switches

See above for dimensions



poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF	7400011	red dep	20A @ 12V DC
S.P.S.T.	ON	—	OFF	7400500	red LED dot	
S.P.S.T.	ON	—	OFF	7400510	blue LED dot	
S.P.S.T.	ON	—	OFF	7400515	green LED dot	

illuminated single pole rocker switches

See above for dimensions



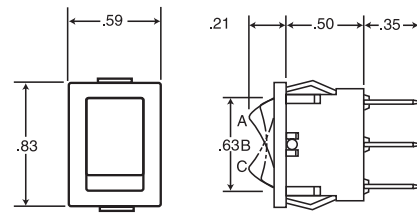
poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF	7400002	green dep	10A @ 250V AC 16A @ 125V AC
S.P.S.T.	ON	—	OFF	7400003	amber dep	
S.P.S.T.	ON	—	OFF	7400004	red dep	

* illumination is high intensity neon with 1/4 watt 22 K ohm resistor, w/10,000 hour life



Mini Rocker Switches


Choose from non-illuminated and illuminated versions. The small footprint is ideal when space is limited. Materials: case and rocker are Zytel 101. RoHS. **Recommended mounting hole: fits .520"x .776"**.



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non-illuminated single & double pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF	 .187	black	16A @ 125V AC 1/3 HP 10A @ 250V AC 1/2 HP
S.P.D.T.	ON	—	ON		black	
S.P.D.T.	ON	OFF	ON		black	
S.P.D.T.	(ON)	OFF	(ON)		black	
D.P.S.T.	ON	—	OFF		black	6A @ 250V AC 12A @ 125V AC 1/2 HP 125-250V AC
D.P.D.T.	ON	—	ON		black	
D.P.D.T.	ON	OFF	ON		black	
D.P.D.T.	(ON)	OFF	(ON)		black	

() Indicates momentary action




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illuminated single pole rocker switch

See above for dimensions

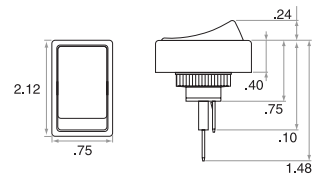



poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF	 .187	red dep	16A @ 125V AC 1/3 HP 10A @ 250V AC 1/2 HP
S.P.S.T.	ON	—	OFF		red dep	

illumination is high intensity neon with 1/4 watt 33 k ohm resistor, w/10,000 hour life

Rectangle Face, Round Hole Rocker Switch

These standard non-illuminated and incandescent bulb rocker switches are ideal for any 12V DC application. The rectangle design allows for a seamless and uniform look when installed. RoHS. **Recommended mounting hole: .500" diameter.**



poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF	 .16	black	30A @ 12V DC
S.P.S.T.	ON	—	OFF		red	
S.P.S.T.	ON	—	OFF		amber	
S.P.S.T.	ON	—	OFF		blue	
S.P.S.T.	ON	—	OFF		green	



Scan for pricing or go to www.delcity.net/catalogpricing



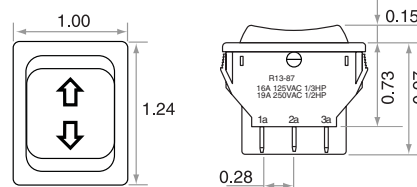
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Window Momentary Switch

Can be used for door locks, power windows or electronic antennas. Switch easily and quickly snaps into mounting hole.

Recommended mounting hole: .875" x 1.187".



non-illuminated double pole rocker switch

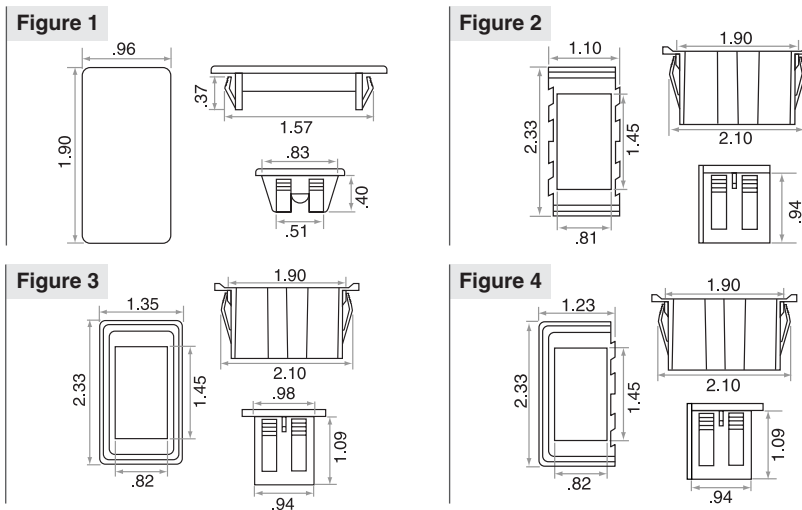
poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
D.P.D.T.	(ON)	OFF	(ON)	73553DL	black, white arrow	20A @ 12V DC 16A @ 125V AC 1/8 HP 10A @ 250V AC 1/2 HP

() Indicates momentary action



Modular Brackets

A quick and clean system to mount switches. Can be assembled in countless configurations to meet your switch needs. Manufactured to accommodate our Full Size Rocker Series and Surf 'N Turf™ Sealed Rockers. Creating your own switch panel has never been easier.



modular mounting brackets

part no.	description	figure
8000203	rocker panel plug	1
8000204	middle rocker panel	2
8000205	single rocker bracket	3
8000206	end rocker panel	4



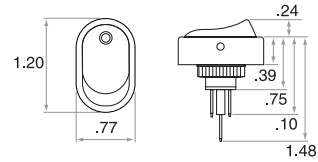
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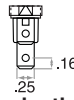
7700100

Oval Face, Round Hole Rocker Switch

These standard LED illuminated rocker switches are aesthetically pleasing and easy to install. Housing and actuator are manufactured from nylon material for durability. RoHS. **Recommended mounting hole: .500" diameter.**



7700200

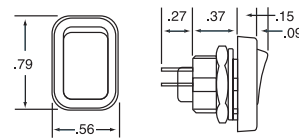
poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF		red LED dot	30A @ 12V DC
S.P.S.T.	ON	—	OFF		amber LED dot	
S.P.S.T.	ON	—	OFF		blue LED dot	
S.P.S.T.	ON	—	OFF		full face red	


* incandescent bulb



Rectangle Face, Round Hole Rocker Switch

These AC rated rockers are specially designed for compact space. Black nylon housing (UL Flame: 94V-2) with .110" terminals. **Recommended mounting hole: .480" diameter.**

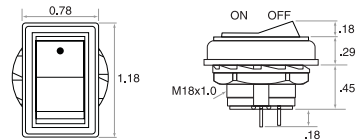


poles	circuit			termination	rocker color or description	ratings
	A	B	C	.110" flat		
S.P.S.T.	ON	—	OFF		black	3A @ 250A AC 6A @ 125A AC
D.P.S.T.	ON	—	OFF		black	




Rectangle Face, Round Hole Rocker Switch

Dust resistant black nylon housing (UL Flame: 94V-2) with back-up nut design. Connection points are silver plated brass. **Recommended mounting hole: .708" diameter.**



non-illuminated single pole rocker switch

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.110" flat		
S.P.S.T.	ON	—	OFF		black, white dot	6A @ 125V AC 3A @ 250V AC

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Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.



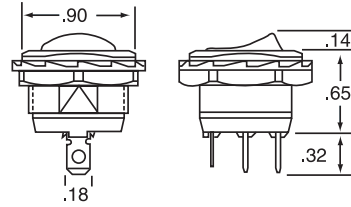
7500015



7500074

Square Face, Round Hole Rocker Switches

Choose from a variety of both non-illuminated and illuminated styles. The dust resistant housing is manufactured from nylon material (UL Flame: flammability rating 94V-2) and comes with a back-up nut for secure panel mounting. **Recommended mounting hole: .787" diameter.**



non-illuminated single pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF	7500015	black	10A @ 250V AC 16A @ 125V AC 10A @ 12V DC
S.P.S.T.	ON	—	OFF	7900017	black, white dot	
S.P.S.T.	ON	—	OFF	7500074	black/red	
S.P.D.T.	(ON)	—	OFF	7500075	black	
S.P.D.T.	ON	-	ON	7900070	black	
S.P.D.T.	ON	OFF	ON	7900071	black	

() Indicates momentary action

LED illuminated single pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF	7500090*	red rect	10A @ 250V AC 16A @ 125V AC
S.P.S.T.	ON	—	OFF	7500092*	green rect	

* additional terminal for 2.2V LED illumination

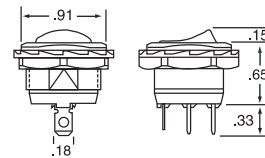
illuminated single pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF	7500087	red dot	10A @ 250V AC 16A @ 125V AC
S.P.S.T.	ON	—	OFF	7500089	green dot	

Square Face, Round Hole Rocker Switches

Choose from a variety of color illuminations. The dust resistant housing is manufactured from nylon material (UL Flame: flammability rating 94V-2) and comes with a back-up nut for secure panel mounting. **Recommended mounting hole: .787" diameter.**



7510000

See above for dimensions

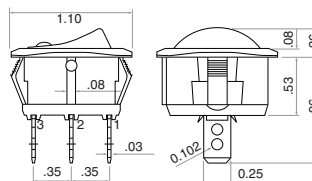
poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF	7510000	red dot	20A @ 14V DC
S.P.S.T.	ON	—	OFF	7510005	amber dot	
S.P.S.T.	ON	—	OFF	7510010	green dot	



7500710

Square Face, Round Hole Snap-in Rocker Switches

These rocker switches feature a long-lasting LED light that brightly illuminates when the switch is activated. Installation is easy with the snap-in design. Manufactured from nylon material for added durability. **Recommended mounting hole: .945" diameter.**



See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.250" flat		
S.P.S.T.	ON	—	OFF	7500700	red dot	25A @ 12V DC
S.P.S.T.	ON	—	OFF	7500705	amber dot	
S.P.S.T.	ON	—	OFF	7500710	blue dot	
S.P.S.T.	ON	—	OFF	7500715	green dot	
S.P.S.T.	ON	—	OFF	7500720	white dot	



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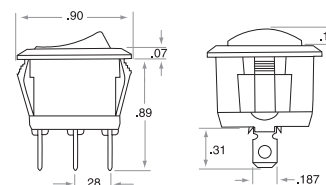
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7500076

Round Hole Rocker Switches

Compatible with a wide range of standard panel cutouts. Choose from both non-illuminated and AC and DC illuminated switches. These round hole rockers are qualified with several international approvals. The housing is manufactured from nylon (flammability rating: UL 94V-2) with silver-plated brass terminals. CSA rated. **Recommended mounting hole: .795" diameter.**



LED illuminated single pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF	7500076*	red rect	6A @ 250V AC 10A @ 125V AC
S.P.S.T.	ON	—	OFF	7500077*	amber rect	
S.P.S.T.	ON	—	OFF	7500078*	green rect	
S.P.S.T.	ON	—	OFF	7500079*	blue rect	

* additional terminal for 2.2V LED illumination

illuminated single pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF	7500036	red LED	20A @ 12V DC
S.P.S.T.	ON	—	OFF	7500037	amber incandescent	
S.P.S.T.	ON	—	OFF	7500038	green LED	
S.P.S.T.	ON	—	OFF	7500039	blue LED	



7500036



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7500020

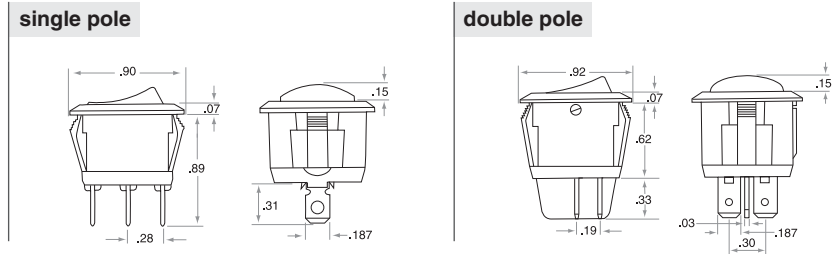


7500066

Round Hole Rocker Switches


Compatible with a wide range of standard panel cutouts. Choose from both non-illuminated and AC illuminated switches. The housing is manufactured from nylon (flammability rating: UL 94V-2) with silver plated brass terminals. CSA rated.

Recommended mounting hole: .795" diameter.



non-illuminated single & double pole rocker switches

See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF		black	6A @ 250V AC 10A @ 125V AC 10A @ 12V DC
S.P.S.T.	ON	—	OFF	.31 .18	black/red	
S.P.S.T.	ON	—	OFF		white	
S.P.D.T.	(ON)	—	OFF		black	
S.P.D.T.	ON	—	ON		black	
S.P.D.T.	ON	OFF	ON		black	
S.P.D.T.	(ON)	OFF	(ON)		black	
D.P.D.T.	ON	OFF	ON		black	
D.P.D.T.	(ON)	OFF	(ON)		black	


() Indicates momentary action

illuminated single & double pole rocker switches



7500025

See above for dimensions


poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF		red	6A @ 250V AC 10A @ 125V AC
S.P.S.T.	ON	—	OFF	.31 .18	amber	
S.P.S.T.	ON	—	OFF		green	

LED illuminated single pole rocker switches



7520005

See above for dimensions

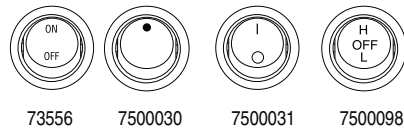
poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF		red dot	20A @ 14V DC
S.P.S.T.	ON	—	OFF	.31 .18	amber dot	
S.P.S.T.	ON	—	OFF		blue dot	
S.P.S.T.	ON	—	OFF		green dot	




73556

Round Rocker Switches

.187" silver-plated brass terminals with nylon frame (flammability: UL 94V-2). .79" diameter mounting hole. **Recommended mounting hole: .795" diameter.**



See above for dimensions

poles	circuit			termination	rocker color or description	ratings
	A	B	C	.187" flat		
S.P.S.T.	ON	—	OFF		On-Off	6A @ 250V AC 10A @ 125V AC
S.P.S.T.	ON	—	OFF	73556	white dot	
S.P.S.T.	ON	—	OFF	7500030	I O	
D.P.D.T.	ON	OFF	ON	7500031	H-OFF-L	
				7500098		10A @ 250V AC 16A @ 125V AC



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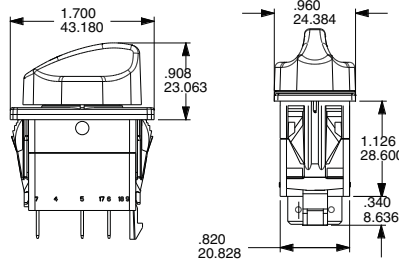
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Rotary Switches




Carling V-Series Contura Rotary Switches

The V-Series Rotary also features an innovative PC board that supports the LED and surface mount resistors; and IP67 sealing protection above panel by utilizing LED and actuator stem seals. Dielectric Strength: 1500 Volts RMS. Insulation Resistance: 50 Megohms. Mechanical Life: 100,000 Cycles Maintained Circuits; 50,000 Cycles Momentary Circuits. Terminals: .250" Quick Connect. Materials: Base (Polyester, PBT), Bracket (Nylon 66, PA), Knob (Polybutylene Terephthalate, PBT), Lens (Polycarbonate, PC), Connector (Nylon 66, PA). Flammability: Exceeds FVMSS 302 Requirements, Exterior Components, UL 94 V-2 or Better Interior Components, UL 94 HB or Better. Ingress Rating: IP67. **Recommended mounting hole: Front Panel Snap-In: 1.450" x 0.83". Panel Thickness: 0.030" - 0.187".**



See above for dimensions

poles	circuit			rotary color	termination	number of terminals	ratings
	A	B	C		.250" Flat		
D.P.S.T.	ON	NONE	OFF	red/black		7	20A @ 12VDC
D.P.S.T.	ON	NONE	OFF	black/black	20001100	4	
D.P.S.T.	(ON)	NONE	OFF	red/black	20001101	7	
D.P.D.T.	ON	NONE	ON	red & green/black	20001102	9	
D.P.D.T.	ON	NONE	ON	black/black	20001103	6	
D.P.D.T.	ON	OFF	ON	red/black	20001104	5	
D.P.D.T.	ON	OFF	ON	black/black	20001105	6	
D.P.D.T.	(ON)	OFF	(ON)	black/black	20001106	6	
D.P.D.T.	(ON)	OFF	(ON)	black/black	20001107	6	
D.P.D.T.	(ON)	OFF	(ON)	red/black	20001108	9	

Push-Button Switches



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7100010



7100005



7100001



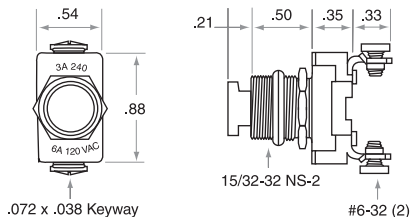
7100003

Push-Button Switches

Choose from a variety of colors, termination styles and actuations. The frames are manufactured steel with a bright nickel plating, with the base being a black phenolic plastic. The actuator is a black Zytel and all other external parts are brass/bright nickel. UL component and CSA rated.

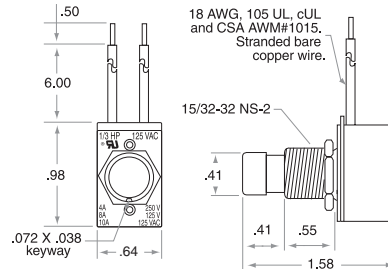
Recommended mounting hole: .500" diameter.

Figure 1



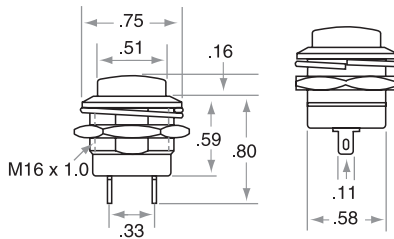
SPECIFICATIONS:
3A/240V AC
6A/120V AC

Figure 2



SPECIFICATIONS:
3A/240V AC 3/4 HP 125V AC
6A/120V AC 10A/125V AC

Figure 3



Recommended mounting hole: .625" dia.
8A/125V AC
4A/250V AC

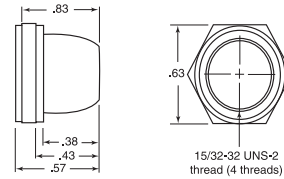
poles	circuit			.250" flat		screw		description	switch style	ratings
	A	B	C	OEM	assembled	OEM	assembled			
S.P.S.T.	OFF	—	ON	—	—	—	7100010	black	fig. 2	4A @ 250V AC 8A @ 125V AC 1/2 HP 125V AC
S.P.S.T.	OFF	—	ON	—	—	—	7100014	chrome	fig. 2	
S.P.S.T.	OFF	—	(ON)	7100001	—	—	—	red	fig. 1	
S.P.S.T.	OFF	—	(ON)	7100002	7100003	—	—	black	fig. 1	3A @ 240V AC 6A @ 120V AC
S.P.S.T.	OFF	—	(ON)	7100011	—	—	—	white	fig. 1	
S.P.S.T.	ON	—	(OFF)	—	7100004	—	—	red	fig. 1	3A @ 277V AC 6A @ 120V AC
S.P.S.T.	OFF	—	(ON)	—	—	7100005	—	red	fig. 3	3A @ 250V AC 6A @ 125V AC

() Indicates momentary action



Push-Button Boot

Help protect your push-button switch from water-spray, dust and other harmful elements. Manufactured from tough EPDM rubber, with a hex-nut molded into the base for easy installation. The boot is designed to work with #7100001 through 7100004 and 7100011 (page 129). Temperature rating of -40°C to 110°C (-40°F to 230°F).



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part no.	description
7900002	push-button boot



Non-illuminated Push-Button Round Hole Switch

Affordable and durable, these switches are designed for numerous troublefree applications. The housing is manufactured from black, Bakelite material. Choose from four different colors. **Recommended mounting hole: .500" diameter.**



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poles	circuit			termination	rocker color or description	ratings
	A	B	C	.110" flat		
S.P.S.T.	(ON)	—	OFF	73911	black	1.5A @ 250V AC 3A @ 125V AC
S.P.S.T.	(ON)	—	OFF	73912	blue	
S.P.S.T.	(ON)	—	OFF	73913	red	
S.P.S.T.	(ON)	—	OFF	73915	yellow	

() Indicates momentary action



Push-Button Horn Switch

Momentary push-button switch is designed for operating horns and sirens. Easy installation with two screw mounting and wire hook-up. Housing is made from chrome-plated brass with black plastic for the actuator. Overall length: 2.625". Mounting length: 2.225". **Recommended mounting length: 2.063".**

poles	circuit			termination screw mount	rocker color or description	ratings
	A	B	C			
S.P.S.T.	(ON)	—	OFF	73465	black	15A @ 12V DC

() Indicates momentary action



Hi-Amp Push-Button Switch

Features die cast construction with silver/copper contacts for long life. The rubber boot provides protection from dust, debris and moisture. The mounting stem has 5/8" 32 UNS for panels up to .500" thick. IP66 rated. **Recommended mounting hole: .625" diameter.**

poles	circuit			termination screw mount	rocker color or description	ratings
	A	B	C			
S.P.S.T.	(ON)	—	OFF	73475	chrome	50A @ 12V DC

() Indicates momentary action



73495



73485

Push-Button Switch

Insulated type, push-button starter and horn switches. The 73495 features a moisture and dust-proof rubber cap. Both can be mounted through panels up to 1" thick. The 73485 comes with chrome-plated, brass face nut and back-up nut. Overall length: 2.875", and width: .875". **Recommended mounting hole: .625" diameter.**

poles	circuit			termination screw mount	rocker color or description	ratings
	A	B	C	.35		
S.P.S.T.	(ON)	—	OFF	73495	chrome	25A @ 6V DC
S.P.S.T.	(ON)	—	OFF	73485	chrome	15A @ 12V DC

() Indicates momentary action



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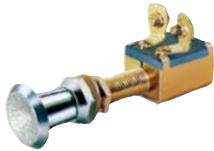
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72960




72962



Push-Button Door Switch

Designed to work within doors as a grounding (-) switch. Can be wired directly to the dome light or used as a vehicle alarm system alert switch. The switches are self-adjusting and have an overall length of 2.718".


Recommended mounting hole: 72960 – .313" diameter, 72962 – .500" diameter.

poles	circuit			termination .250" flat	rocker color or description	ratings
	A	B	C			
S.P.S.T.	(ON)	—	OFF		black	10A @ 12V DC
S.P.S.T.	(ON)	—	OFF		72962	

() Indicates momentary action

Push-Pull Switch


Extra heavy-duty, 2 position switch. The rugged die cast housing provides strength and durability to fit numerous applications. The chrome plated handle finishes off a professional look. Handle length: .678". **Recommended mounting hole: .468" diameter.**

poles	circuit			termination screw mount	rocker color or description	ratings
	A	B	C			
S.P.S.T.	ON	—	OFF		chrome	75A @ 6–28V DC
					73165	

Push-Pull Switch

Heavy-duty, 2 position switch. Housing is manufactured from brass material. The chrome plated handle offers a professional look. The extended handle allows installation in up to 1" panel thickness. Overall length: 3.125", width: .375", stem length: 1.250".

Recommended mounting hole: .375"

poles	circuit			termination screw mount	rocker color or description	ratings
	A	B	C			
S.P.S.T.	ON	—	OFF		chrome	15A @ 12V DC 25A @ 6V DC
					73405	



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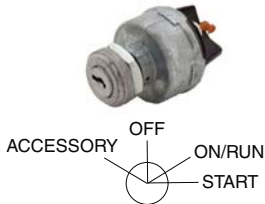


3-Position Keyed Ignition Switch

Starter switch is manufactured from black PBT for durability. The 4 position switch has standard screw terminals for easy hook-up and comes with 2 keys.

circuit				stud size .438	ratings
A	B	C	D		
OFF	ON	(ON)	-	73463	15A @ 12V DC

() Indicates momentary action



4-Position Keyed Ignition Switch

Starter switch is manufactured from plated steel for long life and durability. The 4 position switch has standard screw terminals for easy hook-up and comes with 2 keys.

Recommended mounting hole: .750" diameter.

circuit				stud size .438	ratings
A	B	C	D		
accessory	OFF	run	(start)	73455DL	30A @ 12V DC

() Indicates momentary action



Sealed Keyed Ignition Switches

Two, three and four position sealed key ignition switches are made of thermoplastic and feature an integral sealed Deutsch (DT06-6S)/AT connector (14066100). Sealed areas feature O-rings and ultrasonic welding. Spring return and anti-restart are available on some models. Contacts sealed front and back to IP67. Plastic facenut and nickel-plated brass backing nut. Tested to SAE J259 for ignition switches. Supplied with two matching keys and boot.

position	circuit				spring return	anti-restart	part no.	ratings
	A	B	C	D				
4P	ACC	OFF	IGN	ACC-START	YES	—	73486	10A @ 12V, 5A @ 24V, 3A @ 36V, 2A @ 48V
4P	ACC	OFF	IGN	ACC-START	YES	YES	73487	
3P	OFF	IGN	ACC-START	—	YES	—	73488	
3P	OFF	IGN	ACC-START	—	YES	YES	73489	
3P	OFF	IGN	ACC-START	—	—	—	73490	
3P	ACC	OFF	IGN	—	—	—	73491	
2P	OFF	IGN/ACC	—	—	—	—	73492	



Push Button Engine Start Switches

Easily start your engine with the press of a button. These switches are manufactured with an ABS chrome bezel to provide a unique, custom look. The large lens provides ample room for thumb or index finger actuation. The switches easily mount into a .875" hole with a panel thickness up to .354". Wire connecting is made easy with M4 terminals for optimum connection. Starter solenoid recommended with use.

Recommended mounting hole: .875" diameter.

circuit			termination screw mount	description	rating
A	B	C			
(ON)	—	OFF	73611	red engine start	50A @ 12V DC
(ON)	—	OFF	73612	green engine start	
(ON)	—	OFF	73613	blue engine start	
(ON)	—	OFF	73621	red	
(ON)	—	OFF	73622	green	
(ON)	—	OFF	73623	blue	

Battery Disconnect Switches



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Universal Lanyard Kill Switch

The switch includes 15" resting, 48" working length coil, and weatherproof housing with brass .250" male terminals. The dual circuitry allows for ignition or magneto kill. Can be mounted up to .375" panel thickness. **Recommended mounting hole: .625" diameter.**

circuit			stud size .250" flat	description	ratings
A	B	C			
ON	—	OFF	73459	lanyard switch	15A @ 12V DC



2-Position Master Battery Disconnect Switch with On/Off Faceplate

Lever operated to disconnect power for the battery circuit only. The alternator or generator field circuit will remain powered. Rated for 1000A in-rush. Mounting stem length: .782". Conforms to UL 558. **Recommended mounting hole: .750" diameter.**

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5400	battery disconnect	180A @ 6–36V DC

INFORMATION

NOTE: On vehicles equipped with an alternator, the engine must be shut-off to avoid potential damage to alternator diode. Instruction sheets are included.



Master Disconnect Switch for Batteries

A detachable key allows this waterproof switch to function as a battery disconnect, and a theft deterrent device. The base is manufactured from impact resistant plastic material. UL component rated.

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	79997	battery disconnect	50A @ 12V DC 25A @ 24V DC
—	—	—	8000021	replacement key	

INFORMATION

Maximum load (10 seconds): 12 volts, 1000 amps; 24 volts, 500 amps.
Maximum continuous rating: 12 volts, 50 amps; 24 volts, 25 amps.



2-Position Heavy-duty Master Disconnect Switch for Batteries

A non-fused current interrupt disconnect switch designed for opening the circuit between a battery and the complete electrical load of a battery-powered system. Vehicle cranking and maximum surge currents to 2,000A based on 20% duty cycle ON times of 5 seconds maximum. Temperature rating of 150°C (302°F) maximum. Ideal for heavy truck applications.

circuit			stud size .500"	description	ratings
A	B	C			
ON	—	OFF	79995	battery disconnect	400A @ 50V AC 400A @ 50V DC



5413



5414

Master Disconnect Switches for Batteries

Can be surface or through-panel mounted. Both have tin plated studs for wire mounting (medium-duty studs – .375", heavy-duty studs – .500"). Dimensions: 5413 – 2.75" x 2.75" x 3.00", 5414 – 4.00" x 4.00" x 3.50". 5413 rated for 48V DC, 455A intermittent, 1250A cranking. 5414 rated for 48V DC, 800A intermittent, 2500A cranking.

circuit			stud size .375"/.500"	description	ratings
A	B	C			
ON	—	OFF	5413*	battery disconnect	275A @ 48V DC
ON	—	OFF	5414	battery disconnect	600A @ 48V DC

* removable key



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Master Disconnect Switch for Batteries – Easy Fit

This versatile and easy to install battery switch is ignition protected and meets ABYC standards for exposed terminals. Can be surface or through panel mounted. With a removable key, can be used as a lockout device. Two .375", tin plated studs for wire hook-up. 5412 is rated 48V DC, 400A intermittent, 1250 cranking. **Dimensions: 2.75" x 2.75" x 4.30"**.

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5412	battery disconnect	275A @ 48V DC



View the inside catalog cover for Prop 65 Warning.



Electric Battery Disconnect Switch – Remote

Disconnect power from the comfort of your seat with this remote controlled, ignition protected battery disconnect switch. Ideal to reduce long runs of large cable that can result in voltage drop. Install in any convenient location near the battery and run the 14" lead wire to any remote switch (not included). Features a manual override switch. Rated from 9.5 - 32V DC at 500A continuous, 700A intermittent, 2500A cranking. **Dimensions: 4.00" x 4.00" x 4.20"**

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5417	battery disconnect	300A @ 12–24V DC



Dual Battery Disconnect/Selector Switch

Allows for selection of either battery, both batteries in parallel, or complete disconnect of both batteries. The Alternator Field Disconnect (AFD) allows selection of any position, including "off" without damaging the alternator or electrical system. Three hole surface mounting. **Diameter: 5.500", height: 2.625"**.

circuit				stud size .375	description	rating
A	B	C	D			
OFF	1	BOTH	2	5408	battery selector switch	230A @ 6–36V DC 345A intermittent



Battery Disconnect Switch

Most economical switch to disconnect power for the battery circuit. Manufactured from tough, glass-filled polycarbonate material. Three hole surface mounting. Two .375" studs for wire hook-up. **Diameter: 5.500", height: 2.625"**.

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5410	battery disconnect switch	230A @ 6–36V DC 345A intermittent



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Heavy-duty Dual Battery Disconnect Switch

Allows for selection of either battery, two batteries in parallel or complete disconnect of both batteries. The Alternator Field Disconnect (AFD) allows selection of any position, including "off", without damaging the alternator or electrical system. Manufactured with a glass-filled polycarbonate case. **Diameter: 5.50", height: 3.50"**.

circuit				stud size .625"	description	rating
A	B	C	D			
OFF	1	BOTH	2	5404	battery selector switch	360A @ 6–36V DC 600A intermittent



Heavy-duty Battery Disconnect Switch

The Alternator Field Disconnect (AFD) allows selection of any position, including "off", without damaging the alternator or electrical system. Manufactured with a glass-filled polycarbonate case. **Diameter: 5.50", height: 3.50"**.

circuit			stud size .625"	description	ratings
A	B	C			
ON	—	OFF	5406	battery disconnect switch	60A @ 6–36V DC 1000A intermittent



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Blue Sea Systems e-Series Battery Switches, 350A

Accepts up to 4/0 AWG battery cables. The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. 5439 includes Alternator Field Disconnect (AFD) which protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running. Cranking Rating (10 Sec.); 2,000A. Cranking Rating (1 Min.); 1,000A. Intermittent Rating (5 Min.); 600A. Continuous Rating: 350A. 48V DC Maximum. CE marked, ISO 8846, UL listed - UL 1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.



5438

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5438	battery disconnect switch, red	350A @ 48V DC
ON	—	OFF	5439	battery disconnect switch, red, with AFD	



Blue Sea Systems m-Series Battery Switches, 300A

The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Cranking Rating (10 Sec.); 1,500A. Cranking Rating (1 Min.); 775A. Intermittent Rating (5 Min.); 500A. Continuous Rating: 300A. 48V DC Maximum. CE marked, ISO 8846, UL listed - UL 1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66. Replacement removable keys, removable knobs, parallel link bus bars and a switch panel are also available.



5418

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5418	battery disconnect switch with key, red	300A @ 48V DC
ON	—	OFF	5419	battery disconnect switch with key, black	300A @ 48V DC
—	—	—	5428	replacement key, red	—
—	—	—	5429	replacement key, black	—
ON	—	OFF	5420	battery disconnect switch with knob, red	300A @ 48V DC
ON	—	OFF	5421	battery disconnect switch with knob, black	300A @ 48V DC
—	—	—	5430	replacement knob, red	—
—	—	—	5431	replacement knob, black	—
—	—	—	5432	paralleling link bus, 2 per pack	—
—	—	—	5433	battery switch mounting panel	—



Blue Sea Systems HD Series Battery Switches, 600A

Accepts up to 4/0 AWG battery cables. The studs accept 1/2" (M12) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Blue Sea Systems one-piece terminal stud design never loosens over time. Tactile indicator conveys knob position by feel. 5442 includes Alternator Field Disconnect (AFD) which protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running. If the AFD is not used to protect the alternator, an LED can be connected to the AFD terminals to indicate when the battery switch is in any position but OFF. Cranking Rating (10 Sec.); 2,750A. Cranking Rating (1 Min.); 1,325A. Intermittent Rating (5 Min.); 900A. Continuous Rating: 600A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.

5441

circuit			stud size .500"	description	ratings
A	B	C			
ON	—	OFF	5441	heavy-duty battery disconnect switch, black	600A @ 32V DC
ON	—	OFF	5442	heavy-duty battery disconnect switch, black, with AFD	



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Blue Sea Systems m-Series Dual Circuit Battery Switches, 300A

The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Blue Sea Systems one-piece terminal stud design never loosens over time. Case design allows surface, rear or front panel mounting options. Cranking Rating (10 Sec.); 1,000A. Cranking Rating (1 Min.); 650A. Intermittent Rating (5 Min.); 450A. Continuous Rating: 300A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. Replacement removable knobs and switch panel are available. IP66 rated.

5424

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5424	dual circuit battery disconnect switch with knob, red	300A @ 32V DC
—	—	—	5425	dual circuit battery disconnect switch with knob, black	
—	—	—	5430	replacement knob, red	—
—	—	—	5431	replacement knob, black	—
—	—	—	5433	battery switch mounting panel	—



Blue Sea Systems e-Series Dual Circuit Battery Switch, 350A

The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Blue Sea Systems one-piece terminal stud design never loosens over time. Case design allows surface or rear panel mounting options. Cranking Rating (10 Sec.); 1,000A. Cranking Rating (1 Min.); 750A. Intermittent Rating (5 Min.); 525A. Continuous Rating: 350A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.

5434

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5434	dual circuit battery disconnect switch, red	350A @ 32V DC



Blue Sea Systems e-Series Dual Circuit Plus Battery Switch, 350A

They CANNOT be used to switch positive and negative conductors because of the combine feature. They feature tin-plated copper studs for maximum conductivity and corrosion resistance. The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Case design allows surface or rear panel mounting options. Cranking Rating (10 Sec.); 1,000A. Cranking Rating (1 Min.); 750A. Intermittent Rating (5 Min.); 525A. Continuous Rating: 350A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.

5435

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5435	dual circuit plus battery disconnect switch, red	350A @ 32V DC



Blue Sea Systems m-Series Dual Circuit Battery Switches, 300A

They CANNOT be used to switch positive and negative conductors because of the combine feature. They feature tin-plated copper studs for maximum conductivity and corrosion resistance. The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Cranking Rating (10 Sec.); 1,000A. Cranking Rating (1 Min.); 650A. Intermittent Rating (5 Min.); 450A. Continuous Rating: 300A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. Replacement removable knobs and switch panel are available. IP66 rated.



5426

circuit			stud size .375"	description	ratings
A	B	C			
ON	—	OFF	5426	dual circuit plus battery disconnect switch with knob, red	300A @ 32V DC
ON	—	OFF	5427	dual circuit plus battery disconnect switch with knob, black	
—	—	—	5430	replacement knob, red	—
—	—	—	5431	replacement knob, black	—
—	—	—	5433	battery switch mounting panel	—



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Blue Sea Systems e-Series 3 Position Battery Switch, 350A

The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Includes Alternator Field Disconnect (AFD) which protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running. If the AFD is not used to protect the alternator, an LED can be connected to the AFD terminals to indicate when the battery switch is in any position but OFF. Cranking Rating (10 Sec.); 2,000A. Cranking Rating (1 Min.); 1,000A. Intermittent Rating (5 Min.); 600A. Continuous Rating: 350A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.



5440

circuit			stud size .375"	description	ratings
A	B	C			
1	OFF	2	5440	3 position battery switch with AFD, red	350A @ 32V DC



Blue Sea Systems HD Series 3 Position Battery Switch, 600A

The studs accept 1/2" (M12) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Accepts up to 4/0 AWG battery cables. Includes Alternator Field Disconnect (AFD) which protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running. If the AFD is not used to protect the alternator, an LED can be connected to the AFD terminals to indicate when the battery switch is in any position but OFF. Cranking Rating (10 Sec.); 2,750A. Cranking Rating (1 Min.); 1,150A. Intermittent Rating (5 Min.); 700A. Continuous Rating: 500A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.



5445

circuit			stud size .500"	description	ratings
A	B	C			
1	OFF	2	5445	heavy-duty 3 position battery switch with AFD, black	500A @ 32V DC



Blue Sea Systems m-Series 4 Position Battery Switches, 300A

The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Cranking Rating (10 Sec.); 1,500A. Cranking Rating (1 Min.); 775A. Intermittent Rating (5 Min.); 500A. Continuous Rating: 300A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. Replacement removable knobs and switch panel are also available. IP66 rated.



5422

circuit				stud size .375"	description	ratings
A	B	C	D			
OFF	1	BOTH	2	5422	battery disconnect switch with knob, red	300A @ 32V DC
OFF	1	BOTH	2	5423	battery disconnect switch with knob, black	
—	—	—	—	5430	replacement knob, red	—
—	—	—	—	5431	replacement knob, black	—
—	—	—	—	5433	battery switch mounting panel	—



Blue Sea Systems e-Series 4 Position Battery Switches, 350A

The studs accept 3/8" (M10) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Accepts up to 4/0 AWG battery cables. Part number 5437 includes Alternator Field Disconnect (AFD) which protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running. If the AFD is not used to protect the alternator, an LED can be connected to the AFD terminals to indicate when the battery switch is in any position but OFF. Cranking Rating (10 Sec.); 2,000A. Cranking Rating (1 Min.); 1,000A. Intermittent Rating (5 Min.); 600A. Continuous Rating: 350A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.



5436

	circuit				stud size .375"	description	ratings
	A	B	C	D			
OFF	1	BOTH	2	5436	4 position battery switch, red	350A @ 32V DC	
OFF	1	BOTH	2	5437	4 position battery switch with AFD, red		



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Blue Sea Systems HD Series 4 Position Battery Switches, 500A

The studs accept 1/2" (M12) ring terminals and have a 7/8" stud length (22 mm) that can accept multiple cable terminals. Accepts up to 4/0 AWG battery cables. 5444 includes Alternator Field Disconnect (AFD) which protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running. If the AFD is not used to protect the alternator, an LED can be connected to the AFD terminals to indicate when the battery switch is in any position but OFF. Cranking Rating (10 Sec.); 2,750A. Cranking Rating (1 Min.); 1,150A. Intermittent Rating (5 Min.); 700A. Continuous Rating: 500A. 32V DC Maximum. CE marked, ISO 8846, UL listed - UL1107 electrical power switches. Meets ABYC requirements. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP66 rated.



5443

	circuit				stud size .500"	description	ratings
	A	B	C	D			
OFF	1	BOTH	2	5443	heavy-duty 4 position battery switch, black	500A @ 32V DC	
OFF	1	BOTH	2	5444	heavy-duty 4 position battery switch with AFD, black		



Add-A-Battery Kits

Blue Sea Systems Add-A-Battery kits include a Dual Circuit Plus™ Battery Switch and an Automatic Charging Relay. These components simplify switching and automate charging, so that all you have to do is turn the battery switch ON when you board and OFF when you leave. Adding a second battery prevents getting stranded with a dead battery by isolating the start battery from the house loads that can quickly discharge a battery. The Add-A-Battery kits offer a simple way to control switching the Dual Circuit Plus™ Battery Switch and automatically shares a single source of charging between two batteries with the Automatic Charging Relay.



5446

part no.	description	battery switch	relay
5446	65A Kit	5426	75981
5447	120A Kit	5435	75983

Indicator Lights



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73396



73387DL

LED Indicator Lights

The up to 100,000-hour life expectancy of LEDs makes these lights perfect for a variety of DC applications. Indicator lights are manufactured with a chrome housing and nylon base. Temperature rating of 85°C (185°F). Leaded version comes with 20 AWG wire.

Recommended mounting hole: .438" diameter.

Figure 1

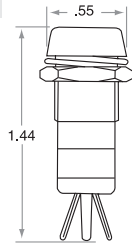
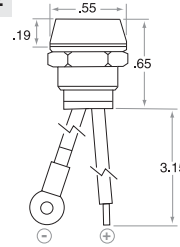


Figure 2



color	illumination style	termination	part no.	figure drawing	ratings
red	non-flashing	.250" tabs	73396	fig. 1	15mA @ 12V DC
amber	non-flashing	.250" tabs	73397	fig. 1	
green	non-flashing	.250" tabs	73398	fig. 1	
red	non-flashing	lead wire	73386	fig. 2	
amber	non-flashing	lead wire	73387DL	fig. 2	
green	non-flashing	lead wire	73388DL	fig. 2	
blue	non-flashing	lead wire	73380	fig. 2	

LED Pigtail Indicator Lights

The up to 100,000-hour life expectancy of LEDs makes these lights perfect for a variety of DC applications. The small diameter and easy snap-in design allows for an ideal installation when space is limited. Features one red and one yellow 6", 24 gauge lead wire.

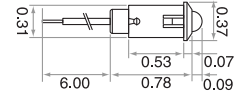
Recommended mounting hole: .313" diameter.



73382



73581



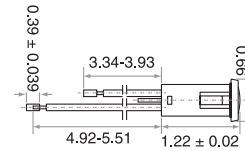
color	illumination style	termination	part no.	ratings
red	non-flashing	lead wire	73581	30mA @ 12V DC
amber	non-flashing	lead wire	73482	
green	non-flashing	lead wire	73483	
blue	non-flashing	lead wire	73484	
red	flashing	lead wire	73583	
amber	flashing	lead wire	73382	

Pigtail Indicator Lights

The snap-in design makes installation quick and easy. The incandescent lamp provides illumination when power is applied. Features one 3" and one 5" 18 gauge lead wire. **Recommended mounting hole: .500" diameter.**



73415



color	illumination style	termination	part no.	ratings
red	non-flashing	lead wire	73415	3A @ 12V DC
green	non-flashing	lead wire	73425DL	
amber	non-flashing	lead wire	73435DL	
blue	non-flashing	lead wire	73445	



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7800007



7800010



7800012

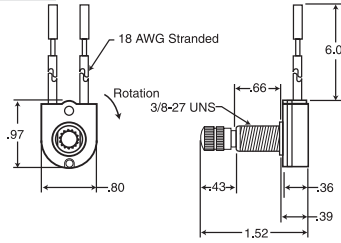
Special Note

Add a **7900021** cloth pull cord to extend pull chain length.

Canopy Switches

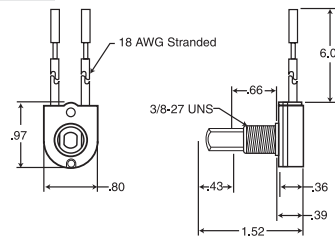
Choose from a variety of styles from pull chains, push-button and rotating actuators. UL component and CSA rated.

Figure 1



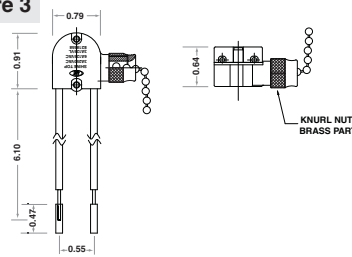
Recommended mounting hole: 13/32" dia.
6A/125V AC
3A/250V AC

Figure 2



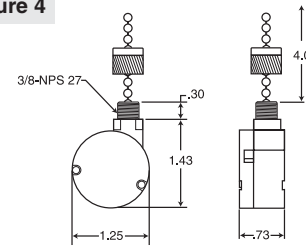
Recommended mounting hole: 1/2" dia.
6A/125V AC
3A/250V AC

Figure 3



Recommended mounting hole: 13/32" dia.
6A/125V AC
6A/125 VL
3A/250V AC

Figure 4



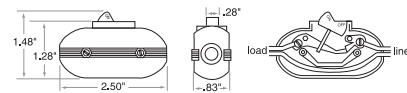
Recommended mounting hole: 13/32" dia.
6A/125V AC
6A/125 VL
3A/250V AC

Refer to drawings above for dimensions

poles	circuit				actuator description	hardware	part no.	figure style
	A	B	C	D				
S.P.S.T.	ON	—	OFF	—	rotary	brass (nut & knob)	7800007	fig. 1
S.P.S.T.	ON	—	OFF	—	push-button	brass (nut & knob)	7800010	fig. 2
S.P.S.T.	ON	—	OFF	—	push-button	nickel (nut & plastic knob)	7800013	fig. 2
S.P.S.T.	ON	—	OFF	—	leaded pull chain	brass (nut & pull chain)	7800001	fig. 3
S.P.S.T.	ON	—	OFF	—	leaded pull chain	brass (nut & pull chain)	7800002	fig. 3
S.P.S.T.	ON	—	OFF	—	leaded pull chain	nickel (nut & pull chain)	7800021	fig. 3
S.P.S.T.	OFF	ON	ON	—	fan pull chain	brass (nut & pull chain)	7800012	fig. 4
S.P.3.T.	OFF	ON	ON	ON	fan pull chain	brass (nut & pull chain)	7800019	fig. 4
—	—	—	—	—	6' cotton thread cord	bronze (chain clip & bell)	7900021	—

Lamp Cord Switch

Constructed of black phenolic, heat resistant material. This switch can be used on SVT 18/2 and SU 18/2 cords only. UL file number E223490. Temperature rating: -20°C to 85°C (-4°F to 185°F).



poles	circuit			termination screw mount	actuator color	ratings
	A	B	C			
S.P.S.T.	ON	—	OFF	7900020	red	6A @ 250V AC 10A @ 125V AC

Switch Accessories



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Round Hole Rocker Switch Mounting Harness

The harness base is manufactured from a nylon material and easily snaps into place.



part no.	number of terminals	terminal size	switch type	wire length	wire gauge
7400750	3	.187"	S.P.S.T.	7"	16 AWG

Toggle Switch Mounting Harness

Install your next switch with ease. The harness base is manufactured from a nylon material and easily snaps into place on any .250", 6 terminal, D.P.D.T. toggle switch. The base is pre-wired with 7", red, 16 AWG wire leads.



part no.	number of terminals	terminal size	switch type	wire length	wire gauge
7400700	6	.250"	D.P.D.T.	7"	16 AWG

6-way Toggle Switch Panel

This IP 56 rated switch panel provides a spray-proof and aesthetically pleasing way to control up to 6 different mechanisms. The included toggle boots provide protection of the S.P.S.T., ON-OFF switch from harsh environments. Each switch is pre-wired with ATC®/ATO® fuse and fuse holder. **Switch panel dimensions: 3.75"H x 4.25"W x 2.90"D.**



poles	circuit			part no.	ratings
	A	B	C		
S.P.S.T.	ON	—	OFF	7200400	6x 15A @ 12V DC

4-way Illuminated Rocker Switch Panel

Mount both vertically or horizontally. **Switch panel dimensions: 2.50"W x 4.70"L x 1.00"D.**



poles	circuit			part no.	ratings
	A	B	C		
S.P.S.T.	ON	—	OFF	7500400	4x 15A @ 12V DC

Round Rocker LED Illuminated Switch Panel, Fused

Vertical or horizontal mounting. All 6 switches are dependent red illuminated. Each switch is pre-wired with a panel-mounted ATC®/ATO® fuse and fuse holder. **Switch panel dimensions: 4.25"W x 4.25"L x 1.00"D**



poles	circuit			part no.	ratings
	A	B	C		
S.P.S.T.	ON	—	OFF	7500450	50A max @ 12V DC

On-Off Faceplate & Locating Ring

This ON-OFF faceplate is a replacement for standard on-off switches. The keyway nub locks and orientates faceplate in the proper position. The locating ring is used as an orientation point for the key slot on a toggle switch. Designed for 1 $\frac{1}{2}$ " bushing.



7900014

7900016

part no.	description
7900014	ON-OFF faceplate
7900016	locating ring

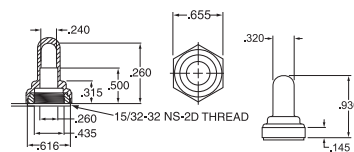
Full Toggle Boots

These tough rubber silicone covers are UV-resistant and protect switches from moisture, dust and dirt. The built-in hex nut base screws onto most toggle switches. Rated for -40°C to 180°C (-40°F to 356°F).



73100DL

73101

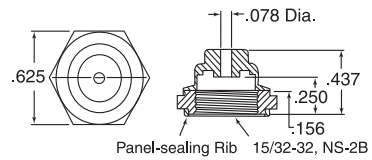


part no.	description	color
73100DL	full toggle boot	black
73101	full toggle boot	clear



Half Toggle Boot

This tough rubber silicone cover is UV-resistant and provides protection from moisture, dust and dirt. The half boot opening slips tightly over most standard toggle handles and is secured by a hex nut molded into the base. Rated for -40°C to 180°C (-40°F to 356°F).



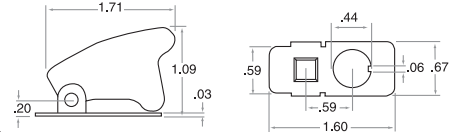
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part no.	description
7900003	half toggle boot



Toggle Safety Cover

The rugged spring-loaded design of this safety cover provides protection against accidental actuation of a toggle switch. Perfect for a variety of industry applications, from racing to agriculture. Materials: Base faceplate is black steel; cover is colored urea plastic. Mounting hole accepts all standard on-off toggles with 1 5/8" mounting stems.



 View the inside catalog cover for Prop 65 Warning.

part no.	description	color
73200	toggle safety cover	red
73202	toggle safety cover	brite red
73203	toggle safety cover	black
73500	toggle safety cover	chrome red
73501	toggle safety cover	chrome blue



3-Way Toggle Safety Panel

Protect your toggle switches from accidental actuation. The chrome bars provide an aesthetically pleasing look and allow for up to 3 switches with up to 1" bat handles to be mounted. Each slot features a keyway notch for easy and proper installation. Flush mounting is made easy with two #4 screw holes. **Dimensions: 4 13/16" L x 2" H x 2" D.**

part no.	description	color
7400300	3-way toggle panel	black/chrome

Circuit Breaker Guide

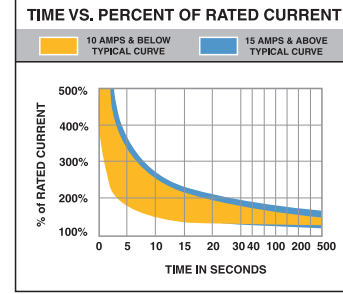
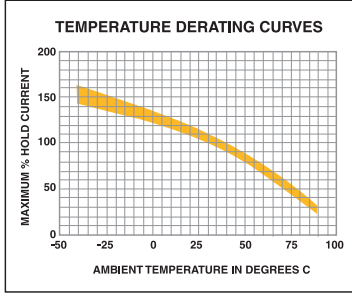
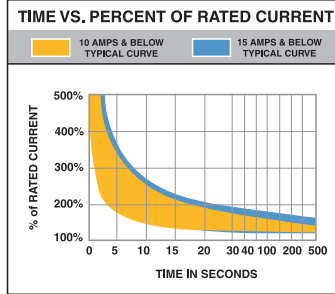
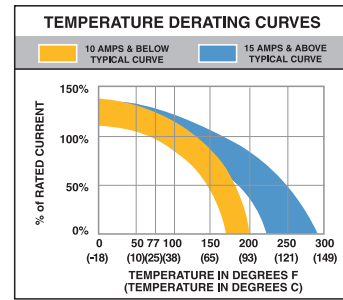
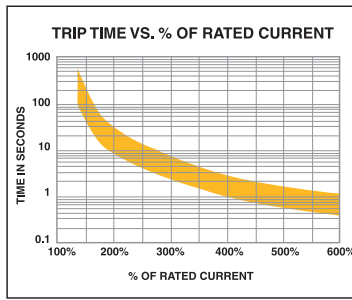
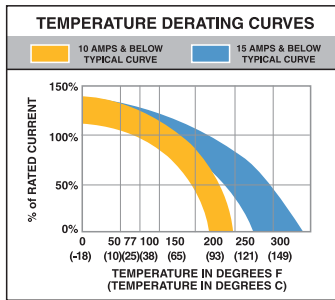


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Stud Mount ATC Blade Maxi Blade

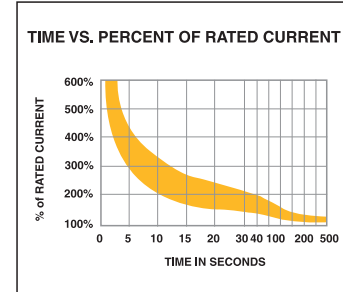
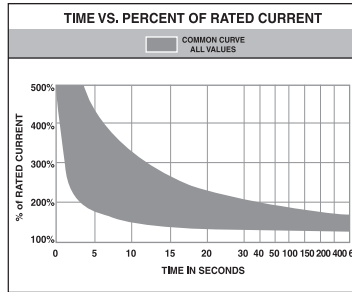
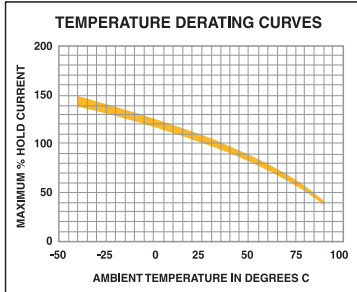
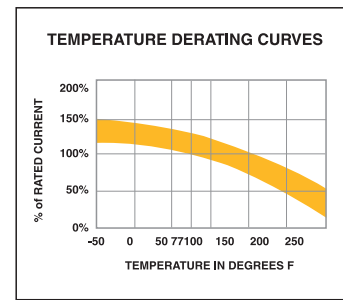
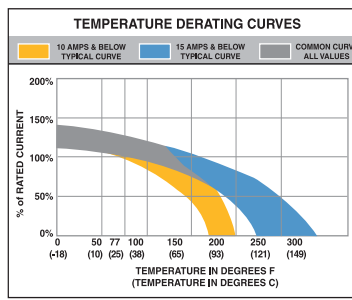
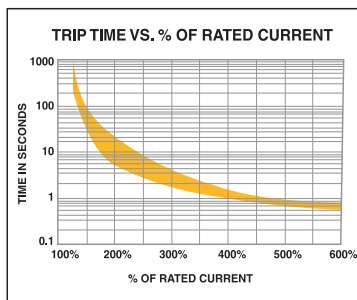


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PAGE 141

PAGES 141

Mini Blade Push Button Hi Amp



PAGE 142

PAGE 143

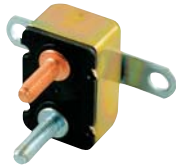
PAGES 144-146



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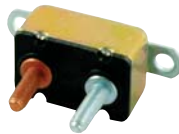
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72101



72302



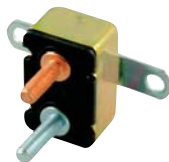
71106



72215



71122



72002

Type 1 – 12V DC Automatic Reset

This series of circuit protectors is comprised of single pole, thermal type breakers. Used in many diverse applications including multiple power outlet strips, trucks, buses, portable generators, welding equipment and trolling motors. All Type 1, 2 and 3 circuit breakers are engineered for dependability. Nuts and washers included, all meet SAE J553 and SAE J1171 specifications. Operating temperature is between -40°C to 85°C (40°F to 185°F). Storage temperature is -40°C to 125°C (-40°F to 260°F).

INFORMATION

Stud Terminals: Two 10/32 stud; .66 (AUX) .50 (BATT)
Mounting Hole: .196 diameter holes

metal with horizontal mounting bracket

part no.	amp	part no.	amp
72101	5	72075	25
72102	6	72135	30
72105	10	72145	35
72115	15	72165	40
72125	20	72175	50

plastic with horizontal mounting bracket (splash/dust proof)

part no.	amp	part no.	amp
72215	10	72245	25
72225	15	72255	30
72235	20	72275	40

metal without mounting bracket

part no.	amp	part no.	amp
72302	6	72365	25
72305	10	72335	30
72315	15	72345	40
72325	20	72385	50

plastic with parallel mounting bracket (splash/dust proof)

part no.	amp	part no.	amp
71122	10	71128	25
71124	15	71130	30
71126	20	71132	40

metal with parallel mounting bracket

part no.	amp	part no.	amp
71100	5	71114	30
71106	10	71116	35
71108	15	71118	40
71110DL	20	71120	50
71112DL	25		

FUNCTION CODE

TYPE 1 – Automatic Reset

Will recycle continuously during an overcurrent condition. The composite alloy material will deflect and separate the contacts when an over-current situation occurs and returns to the run mode as it cools. The process will continue until the source of the overcurrent is removed or corrected.

TYPE 2 – Modified Reset

Circuit breaker will remain tripped (in the OFF position) as long as there is power to the circuit. Contains internal resistor. Reset circuit breaker by turning off the circuit or by turning off the ignition switch.

TYPE 3 – Manual Reset

Circuit breaker will remain tripped (in the off position) until indicator button or lever is manually reset to activate circuit. Type 3 available in plastic only.

Stud Mount Circuit Breaker Boot

Protect the electrical connection to the circuit breaker. Install the boot to keep out moisture, dust and other foreign debris. Designed to work with both metal and plastic breakers, with or without mounting brackets. Manufactured from polyvinyl chloride (PVC) material.

part no.	description
907201	red stud type boot

Type 1 – 24V DC Automatic Reset

metal with horizontal mounting bracket

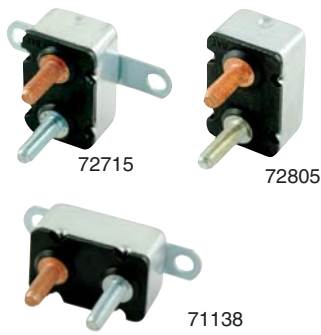
part no.	amp	part no.	amp
72002	10	72010	30
72006DL	20	72114	40



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Type 2 – 12V DC Modified Reset

Ideal for the recreational vehicle industry. Meets RVIA and SAE J553 specifications. Temperature range: operating -23°C to 65°C (-10°F to 150°F); storage -29°C to 93°C (-20°F to 200°F). Nuts and washers included.

metal with horizontal mounting bracket

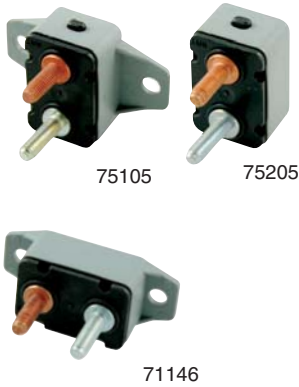
part no.	amp	part no.	amp
72705	10	72735	30
72715	15	72745	40
72725	20	72755	50

metal with parallel mounting bracket

part no.	amp	part no.	amp
71134	10	71140	30
71136	15	71142	40
71138	20	71144	50

metal without mounting bracket

part no.	amp	part no.	amp
72805	10	72835	30
72815	15	72845	40
72825	20	72855	50



Type 3 – 12–24V DC Manual Reset

Ideal for marine and recreational vehicle applications. Meets RVIA and SAE J553 specifications. Temperature range: operating -23°C to 65°C (-10°F to 150°F); storage -29°C to 93°C (-20°F to 200°F). Nuts and washers included.

plastic with horizontal mounting bracket

part no.	amp	part no.	amp
75105	10	75135	30
75115	15	75145	40
75125	20	75155	50

plastic with parallel mounting bracket

part no.	amp	part no.	amp
71146	10	71152	30
71148	15	71154	40
71150	20	71156	50

plastic without mounting bracket

part no.	amp	part no.	amp
75215	15	75245	40
75225	20	75255	50
75235	30		



Mounting Brackets for Stud Mount Circuit Breakers

Circuit breakers snap into this mounting bracket with no tools needed. It accommodates metal SAE Type 1 and Type 2 breakers without mounting brackets. The bracket is manufactured with heavy gauge steel and holds breakers securely.



part no.	gang	dimensions
72025	2	3 ⁵ / ₈ " x 1 ⁵ / ₁₆ "
72045	4	6 ⁵ / ₈ " x 1 ⁵ / ₁₆ "
72065	6	8 ⁷ / ₁₆ " x 1 ⁵ / ₁₆ "
72066	8	10 ¹ / ₄ " x 1 ⁵ / ₁₆ "





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71178



72515

Type 1 and Type 3 – ATC® Type

These are single pole thermal-type breakers, 14V DC (Type 3 – 24V DC). They feature a UL rated 94VO thermoplastic housing with standard gold cover (Type 1) or silver cover (Type 3). Markings include amp/volt ratings. Meets SAE J553 and SAE J1171 specifications. Temperature range: operating -40°C to 85°C (-40°F to 185°F). Compatible with ATC® fuse blocks.

type 1

part no.	amp	part no.	amp
71174	10	71180	25
71176	15	71182DL	30
71178	20		

type 3

part no.	amp	part no.	amp
72505	10	72525	20
72515	15	72535	30

INFORMATION

Blade Terminal: .206" Q-C .51" long (Straight Auto) / Bushing: 7116-28 x .500 Molded

Type 3 - Low Profile ATC®/ATO® Type

These are single pole thermal-type breakers. The low profile allows for installation where space is a concern. Each is color-coded to amp rating. Markings include both volt and amperage ratings. Breakers meet SAE J553 and SAE J1171 specifications and are compatible with Del City ATC®/ATO® fuse panels. UL rated 94VO thermoplastic body. Tin-plated copper alloy terminals. Rated up to 28V DC. Interrupt rating: 2000A @ 28VDC. Temperature range: operating -40°C to 85°C (-40°F to 185°F).



75905

part no.	amp	part no.	amp
75905	5	75915	15
75906	6	75920	20
75975	7.5	75925	25
75910	10	75930	30

FUNCTION CODE

TYPE 1 – Automatic Reset

Will recycle continuously during an overcurrent condition. The composite alloy material will deflect and separate the contacts when an over-current situation occurs and returns to the run mode as it cools. The process will continue until the source of the overcurrent is removed or corrected.

TYPE 2 – Modified Reset

Circuit breaker will remain tripped (in the OFF position) as long as there is power to the circuit. Contains internal resistor. Reset circuit breaker by turning off the circuit or by turning off the ignition switch. Silver in color.

TYPE 3 – Manual Reset

Circuit breaker will remain tripped (in the off position) until indicator button or lever is manually reset to activate circuit.

Type 1 – ATC®/ATO® Maxi™ Blade Type

This is a single pole thermal-type breaker with ATC®/ATO® blade configuration. Gray 94VO thermoplastic housing. Meets SAE J553 and SAE J1171. Compatible with fuse blocks accepting MAXI® or ATC®/ATO® blade fuses. 12V DC. Temperature range: -40°C to 85°C (-40°F to 185°F). Storage temp: -40°C to 125°C (-40°F to 260°F).



72625

part no.	amp	type
72605	10	auto reset
72615	15	auto reset
72625	20	auto reset
72635	30	auto reset

Type 1 – Maxi™ Auto Reset

Interchangeable with Maxi™ blade fuse. 12V DC. Meets SAE J553. Temperature range: -29°C to 65°C (-20°F to 150°F).



71330

part no.	amp	part no.	amp
71310	10	71330	30
71315	15	71340	40
71320	20	71350	50



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71160

Type 1 – Mini® Blade Type

Single pole thermal-type breakers, 14V DC. Housing is gray UL rated 94VO thermoplastic housing with metal cover. Standard gold cover (Type 1) or silver cover (Type 2). Markings include amp/volt ratings. Meets SAE J553 specifications for Type 1 and Type 2 circuit breakers. Temperature range: operating -40°C to 85°C (-40°F to 185°F). The terminals are compatible with 280 fuse blocks. RoHS.

type 1

part no.	amp	part no.	amp
71158	10	71162	20
71160	15	71164	25

type 2

part no.	amp	part no.	amp
71166	10	71170	20
71168	15	71172	25



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71196



71198

Type 2 – Universal Circuit Breaker Connectors

“Snap-off” design of blades allows installer to size the blades for the application. Color-coded markings to match the color coding for ATC®/ATO® fuses (UCB-10-Red, UCB-15-Blue, UCB-20-Gold and UCB-30-Green). Fits standard ATC®/ATO® fuse panels. Conforms to J553C standard.

part no.	color	amp	part no.	color	amp
71194	red	10	71198	gold	20
71196	blue	15	71200	green	30



72425

Snap-in Circuit Breakers/AGC® Type

Remote reset circuit breaker replaces round glass-style fuses in existing fuse blocks. It opens automatically on overload, and remains open for protection until the trouble is corrected. Snap-in mounting in standard fuse clips. 1/4" diameter x 1-1/4" long. 12V DC.

part no.	amp	part no.	amp
72415	10	72435	20
72425	15		



70653

Switch Thermal Circuit Breakers

Designed for industry standard .550" x 1.125" mounting hole, these thermal breakers are a switch and a circuit protector in one small, compact package. This combination device eliminates the need for both a switch and thermal circuit protector on customer panels. By using only this multipurpose product, wiring and assembly costs are greatly reduced, and saving valuable panel real estate. This series is ideally suited for such applications as household and commercial appliances, transportation, marine, telecommunications, power strips, audio-visual, medical, power supplies, and exercise equipment. Rating: 125-250V AC, 32V DC. Max Operating Temperature: 65°C (149°F). Dielectric Strength: 1500V AC. Interrupting Capacity: 1000 AIC. Insulation Resistance: 100 megohms at 500V DC. UL1077, UL1363, IEC60934. Switches will only light on AC Voltage. Lamp voltage: 125/250V AC.



70623

clear with light

part no.	amp	part no.	amp
70653	7	70658	12
70654	8	70659	13
70655	9	70660	14
70656	10	70661	15
70657	11	70662	16

clear without light

part no.	amp	part no.	amp
70643	7	70648	12
70644	8	70649	13
70645	9	70650	14
70646	10	70651	15
70647	11	70652	16

red with light

part no.	amp	part no.	amp
70633	7	70638	12
70634	8	70639	13
70635	9	70640	14
70636	10	70641	15
70637	11	70642	16

red without light

part no.	amp	part no.	amp
70623	7	70628	12
70624	8	70629	13
70625	9	70630	14
70626	10	70631	15
70627	11	70632	16

Push Button Circuit Breakers



1/4" Quick Connect – Push Button

Single pole thermal type. Approvals: RoHS, UL, CVL, TUV, CE UL1500/ISO8846 for ignition protection/marine. Applications: Household appliances, transportation, marine, power strips, medical equipment, audio, visual equipment, power supplies. Dielectric strength: 2500 V AC/1 minute. Interrupting capacity: 2500 amps@32V DC. Insulation resistance: 100M ohms. Operating temperature: -10°C to 60°C (-14°F to 140°F). Rated to 32V DC, 125-250V AC.

without boot

part no.	amp	part no.	amp
70505	10	70520	40
70515	15	70530*	50
70525	20	70540*	60
70535	30		

with boot

part no.	amp	part no.	amp
70545	10	70550	40
70555	15	70560*	50
70565	20	70570*	60
70575	30	70500	boot

* 50 and 60 amp breakers have screw terminals



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70611

Thermal Push Button Circuit Breakers

These push button circuit breakers provide a consistent trip point over temperatures ranging from -10°C to 60°C. Rating: 125 - 250V AC, 32V DC. Dielectric strength: 2500 BAC/1 Minute. Interrupting capacity: 2500 amps @ 32V DC. Approvals: UL, CSA and RoHS.

without boot

part no.	amp	part no.	amp
70611	3	70614	6
70612	4	70615	7
70613	5	70615	8

with boot

part no.	amp	part no.	amp
70617	3	70620	6
70618	4	70621	7
70619	5	70622	8



70501

Blue Sea Systems Circuit Breaker Blocks, Non-Bussed

These 6 or 12 circuit, non-bussed circuit breaker blocks feature tin-plated copper screw terminals and an ABYC/USCG approved clear insulating cover with square format label recesses. Circuit breakers sold separately. Voltage Max. Operating: 32V DC. Amperage Max. Operating: 32A (per circuit). Amperage Max. Operating: 40A (per jumped circuit group, non-bussed). Temperature Operating Range: -10°C to 60°C. Breaker Type: Push Button Reset-Only Circuit Breakers with Quick Connect Terminals 10-40A. Screw Terminal: #8-32 Screws with Captive Star Lock Washer. Ring Terminals: Screw Terminals #8 (M4). Mounting: #8 Screw (M4) or #8 Nut.

part no.	description
70501	6 Circuits, Non-Bussed
70502	12 Circuits, Non-Bussed
70506	Circuit Breaker Block Jumper (5 per Pack)



70503

Blue Sea Systems Circuit Breaker Blocks, Bussed

These 6 or 12 circuit, bussed circuit breaker blocks feature tin-plated copper busses and screw terminals, and an ABYC/USCG approved clear insulating cover with square format label recesses. Circuit breakers sold separately. Voltage Max. Operating: 32V DC. Amperage Max. Operating: 100A (per block - bussed). Temperature Operating Range: -10°C to 60°C. Breaker Type: Push Button Reset-Only Circuit Breakers with Quick Connect Terminals 10-40A. Screw Terminal: #8-32 Screws with Captive Star Lock Washer. Ring Terminals: Screw Terminals #8 (M4), Negative Bus #10 (M5). Mounting: #8 Screw (M4) or #8 Nut.

part no.	description
70503	6 Circuits, Bussed
70504	12 Circuits, Bussed

Mid-Range Circuit Breakers



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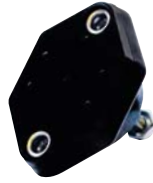


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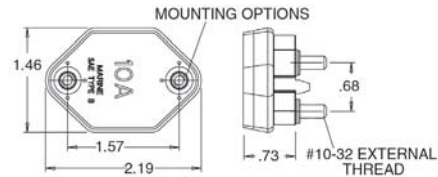
Mid-Range Panel Mount Circuit Breakers – Type 1 – Automatic Reset

Manufactured for medium-duty chassis and marine applications and meet the ignition protection standards per SAE J1171. Breakers are compliant with SAE J553 and carry a 2.5kA circuit interrupt protection rating per ABYC E-11. Each thermal type breaker's body is made of UL-rated 94V-0 thermoset plastic and the cover, lever and button are UL-rated 94V-0 thermoplastic. Cover has a black thermoplastic elastomer overmold. IP67 rated allows them to be marine rated or weatherproof. Mounting holes are .198" clearance and power studs are #8-32 threaded studs (nuts included). Operating temperature: -40°C to 85°C (-40°F to 185°F). These breakers will continuously cycle during a thermal over current condition. Rated up to 32V DC.



76730

part no.	amp	part no.	amp
76710	10	76730	30
76715	15	76735	35
76720	20	76740	40
76725	25	76750	50



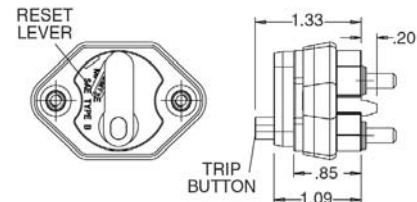
Mid-Range Panel Mount Circuit Breakers – Type 3 – Manual Reset (Switchable)

These breakers will trip (lever extends to the open position) under a thermal overcurrent condition and remains tripped until the lever is manually reset, closing the circuit. This series also offers the unique features of a push-to-trip button, allowing you to manually disconnect the circuit. Manufactured for medium-duty chassis and marine applications and meet the ignition protection standards per SAE J1171. Breakers are compliant with SAE J553 and carry a 2.5kA circuit interrupt protection rating per ABYC E-11. Made of UL-rated 94V-0 thermoset plastic and the cover, lever and button are UL-rated 94V-0 thermoplastic. Cover has a black thermoplastic elastomer overmold. An IP67 rating allows them to be marine rated or weatherproof. Mounting holes are .198" clearance and power studs are #8-32 threaded studs (nuts included). Operating temperature: -40°C to 85°C (-40°F to 185°F). Rated up to 32V DC.



76940

part no.	amp	part no.	amp
76810	10	76930	30
76815	15	76935	35
76920	20	76940	40
76925	25	76950	50



Hi-Amp Circuit Breakers



Hi-Amp Panel Mount Circuit Breakers

Breakers are compliant with SAE J1625 and carry a circuit interrupt protection rating of 3,000A at 30V DC per ABYC E-11. Body is made of UL-rated 94V-0 thermoset plastic and cover is made from 94V-0 thermoplastic with an elastomer over mold and gasket to provide it with a weatherproof IP66 rating. Mounting holes are .260" clearance and power studs are 1/4"-28 threaded studs (nuts included). Operating temperature: -40°C to 85°C (-40°F to 185°F).



Type 1 – Automatic Reset

These breakers will continuously cycle during a thermal over current condition. Each breaker is rated up to 30V DC.

part no.	amp	part no.	amp
76365	60	76305	100



Type 3 – Manual Reset (Switchable)

Circuit protection for 25 to 200 Amp loads when switching and circuit protection are both required. Mounting holes accept 1/4" screws. Terminal Stud: M6 (accepts 1/4" ring terminal). operating temperature: -40°C to 85°C (-40°F to 185°F). Meets SAE J1171 external ignition protection requirements. IP67 - protected against immersion up to 1 meter for 30 minutes.

part no.	amp	part no.	amp	part no.	amp
76266	25	76270	60	76274	100
76267	30	76271	70	76275	120
76268	40	76272	80	76276	150
76269	50	76273	90		



Gasket for Panel Mount Circuit Breaker

Gasket wraps around breaker to provide a seal between the circuit breaker housing and the panel it is being installed into.

part no.	description
8000275	gasket



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Hi-Amp Surface Mount Circuit Breakers

Breakers are compliant with SAE J1625 and carry a circuit interrupt protection rating of 3,000A at 30V DC per ABYC E-11. Body is made of UL-rated 94V-0 thermoset plastic and cover is made from 94V-0 thermoplastic with an elastomer over mold and gasket to provide it with a weatherproof IP67 rating. Mounting holes are .260" clearance and power studs are 1/4"-28 threaded studs or 3/8" - 16 threaded studs (nuts included). Operating temperature between -25°F to 180°F.



76415

Type 1 – Automatic Reset

These breakers will continuously cycle during a thermal over current condition.

part no.	amp	stud size	rating	part no.	amp	stud size	rating
76405	60	1/4"	30V DC	▶ 77060	60	3/8"	32V DC
76410	90			▶ 77061	70		
76415	100			▶ 77089	80		
76420	120			▶ 77062	90		
76430	150			▶ 77090	100		
▶ 77052	25	3/8"	32V DC	▶ 77091	120		
▶ 77053	30			▶ 77092	150		
▶ 77054	40			▶ 77093	175		
▶ 77059	50			▶ 77094	200		

▶ new product line extension



76530

Type 3 – Manual Reset

These breakers will trip (lever extends to the open position) under a thermal over current condition and remain tripped until the lever is manually reset, closing the circuit.

part no.	amp	stud size	rating	part no.	amp	stud size	rating
76505	60	1/4"	42V DC	▶ 77067	60	3/8"	48V DC
76510	90			▶ 77068	70		
76515	100			▶ 77083	80		
76520	120			▶ 77069	90		
76530	150			▶ 77084	100		
▶ 77063	25	3/8"	48V DC	▶ 77085	120		
▶ 77064	30			▶ 77086	150		
▶ 77065	40			▶ 77087	175		
▶ 77066	50			▶ 77088	200		

▶ new product line extension



77081

Type 3 - Manual Reset (Switchable)

These breakers will trip (lever extends to the open position) under a thermal over current condition and remain tripped until the lever is manually rest, closing the circuit. This series also offers the unique feature of a push-to-trip button, allowing you to manually disconnect the circuit.

part no.	amp	stud size	temp. range	circuit interrupt rating	part no.	amp	stud size	temp. range	circuit interrupt rating
76600	30	1/4"	-40°F to 185°F.	3,000A @ 48V DC	▶ 77073	50	3/8"	-40°F to 185°F.	3,000A @ 48V DC
76602	50				▶ 77074	60			
76605	60				▶ 77057	70			
76608	80				▶ 77077	80			
76610	90				▶ 77058	90			
76615	100				▶ 77078	100			
76620	120				▶ 77079	120			
76630	150				▶ 77080	150			
▶ 77070	25	3/8"			▶ 77081	175			
▶ 77071	30				▶ 77082	200			
▶ 77072	40								

▶ new product line extension



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Type 3 - Manual Reset (Switchable)

Features include: visible yellow reset lever that shows open condition, trip-free design that cannot be held closed after trip and drop in replacement for 185 Series Circuit Breakers. Breakers are compliant with SAE J1625 and carry a circuit interrupt protection rating of 3,000A at 48V DC per ABYC E-11. Mounting holes accept 1/4" screws. Terminal Stud: M6 (accepts 1/4" ring terminal). Terminal Stud Torque: 50 in-lb. Operating Temperature: -40°F to 185°F. Meets SAE J1171 external ignition protection requirements. IP67 - protected against immersion up to 1 meter for 30 minutes.



76635

part no.	amp	part no.	amp	part no.	amp
76631	25	76635	60	76639	100
76632	30	76636	70	76640	120
76633	40	76637	80	76641	150
76634	50	76638	90		

Marine Circuit Breakers



Marine Rated Circuit Breakers – Manual Reset

Each thermal type breaker's body is made of UL-rated 94V-0 thermoset plastic and the cover, lever and button are UL-rated 94V-0 thermoplastic. An IP67 rating allows them to be marine rated or weatherproof. Available in both panel and surface mount styles and in amperage ratings ranging from 50 to 200 amps. Compliant with SAE J1625, ABYC E-11, CE, SAE J1171 for ignition protection. Mounting holes are .215" clearance and countersunk .161". Power studs are 1/4"-28 threaded studs (nuts included). Operating temperatures: -40°C to 85°C (-40°F to 185°F).



88100

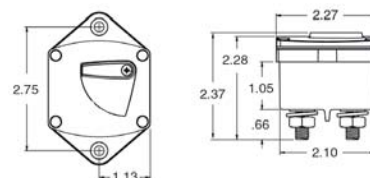


82120

These surface mount circuit breakers will trip (lever extends to the Off position) under a thermal overcurrent condition and remain tripped until the lever is manually reset to On, closing the circuit. Breakers are rated up to 42V DC.

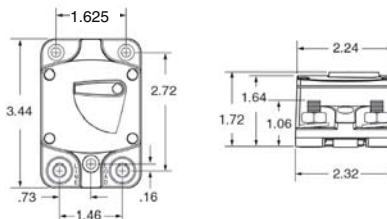
surface mount

part no.	amp	part no.	amp
82050	50	82120	120
82060	60	82150	150
82090	90	82200	200
82100	100		



panel mount

part no.	amp	part no.	amp
89050	50	88100	100
88060DL	60	89120	120
88080	80	88150	150
88090	90	89200	200





AGC[®] Fuses

These fast-acting all glass fuses solve a broad range of application requirements while offering reliable performance and cost-effective circuit protection. Dimensions: 1/4" x 1 1/4". Temperature rating: -55°C to 125°C. (-67°F to 257°F). Rated to 32V. UL, CSA and RoHS rated.



79815



79785

part no.	description
79785	AGC [®] fuse, .250 tap-in

bulk – min. 100 pcs.

part no.	amp	part no.	amp
79815	3	79855	15
79807	5	79825	20
79865	6	79808	25
79875	7.5	79835	30
79885	8	79809	35
79805	10		

bulk – min. 100 pcs.



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MDL[®] Slow Blow Glass Fuses

Slow blow, time delay glass fuses constructed of glass tubes and nickel-plated brass endcaps. Typically used in DC systems up to 32V DC. Dimensions: 1/4" x 1 1/4". MDL[®] fuses 3 to 7.5A are rated for use in AC at 125V AC and to a maximum 250V AC. Maximum Voltage: 250V AC; 32V DC. Visible indication of a blown condition. UL, CSA, CE and RoHS rated.



part no.	amp	part no.	amp
79901	3	79906	15
79902	5	79907	20
79903	6.25	79908	25
79904	7.5	79909	30
79905	10		

bulk – min. 10 pcs.



Blue Sea Systems ST Glass Fuse Blocks for AGC[®]/MDL[®] Fuses

Accepts AGC and MDL fuses. Clear insulating cover satisfies ABYC/USCG insulation requirements. Tin-plated phosphor bronze fuse clips are encapsulated and cannot be sprung. Maximum Amperage: 100A per Block; 30A per Circuit. Maximum Voltage: 32VDC. Mounting: #8 Screw (M4). Negative Bus: 79910 Only. Base Material: Reinforced Polycarbonate. Cover Material: Polycarbonate. Screw Terminal Type: #8-32 with Captive Star Lockwasher. Fuses sold separately.



part no.	description	amp
79910	glass fuse block, 6 circuit with ground	100
79911	glass fuse block, 6 circuit	100



Break Away Fuse Panels

Accept 1/4" x 1 1/4" AGC[®] fuses. Rated to 300V DC. Patented design does not rely on the fuse for solid, no-wobble mount. Enables sub-dividing with simple finger pressure. Choose screw or .250" quick-connect tin-plated terminals. UL listed to IZLT2. 30 amps maximum per branch. CSA rated.



70011

part no.	description	max amps per circuit
70011	screws – 12 poles	30
70012	male tabs – 12 poles	30



AGC[®] Fuse Retainer Panel Mount

Designed to mount in panel hole of .575" diameter. Two .187" male connection terminals. Rated to 250V AC-CSA. Fuse not included. CSA and UL component rated.

part no.	amp	gauge
79075	10	—



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AGC® Adjustable Fuse Holder

Two-piece molded fuse holder accepts 18–12 gauge wire. Snap locks together for AGC® fuse size ¼" diameter x 1¼". Made of nylon and bright yellow in color. Pull force: 5 lbs min. to separate fuse holder housing with fuse installed. Crimp to hold wire in place. UL flammability rating 94V-2. Holder rated 32V DC.

part no.	amp	gauge
79055	30	18–12



AGC® Weather Resistant Fuse Holder

One piece molded thermoplastic fuse holder accepts wire sizes 18–12 gauge and is not weather resistant if used with other wire sizes. -40°C to 150°C (-40°F to 302°F) temperature range applies to the fuse holder only. Fuse holder can be written on to indicate circuit. The bright yellow color makes the fuse holder easy to locate. For ¼" x 1¼" AGC® fuses. Fuse not included. Crimp to hold wire in place. Holder rated 32V DC.

part no.	amp	gauge
79005	30	18–12



AGC® Nylon In-line Fuse Holders

Fuse holders with molded nylon bodies are furnished with one fuse (fuse not assembled inside). Made with standard 8" GPT wire. 6–10 amp = 14 gauge wire leads, 15–30 amps = 12 gauge wire leads. Wire color is red. Holder rated to 32V DC.

part no.	amp	gauge
79115	no fuse	14
79165	6	14
79185	8	14
79105	10	14
79145	no fuse	12
79155	15	12
79125	20	12
79135	30	12



AGC®/MDL® Waterproof In-Line Fuse Holder

Accepts AGC® and MDL® fuses. 20A Max. fuse amperage. Fuses sold separately.

part no.	amp	gauge
79031	20	12-16



Blue Sea Systems AGC®/MDL® Heavy-Duty In-Line Fuse Holder

Accepts AGC® and MDL® fuses up to 30A. Supplied with tinned copper 12 AWG pigtails. Fuses sold separately.

part no.	amp	gauge
79032	30	12



AGC® In-line Fuse Holders

Heavy-duty bakelite in-line fuse retainer. Made with standard 6" GPT wire. Fuse included. Wire color is red. Holder rated to 250V AC.

part no.	amp	gauge
79010	5	18
79020	20	14
79030	35	10

Used in most domestic and imported cars. Meets or exceeds OEM and SAE standards. Specialty Automotive type fuses with an innovative indicator light that glows when the fuse is blown. Designed to be drop-in replacements for existing automotive applications. Helps with hard-to-find blown fuses, in dimly-lit dashboards or under the hood of automobiles.



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INFORMATION

IMPORTANT:

Voltage must match or exceed the fuse being replaced (125V for household current; 12V for auto; 24V for heavy-duty). Must match amperage of the old fuse.

Amp rating	Color	Amp Rating	Color
2	gray	10	red
3	violet	15	lt. blue
4	pink	20	yellow
5	tan	25	natural
7.5	brown	30	green



78035

ATO[®] Fuse Without Indicator Light
CSA and UL component rated

part no.	amp	part no.	amp
78035	3	78155	15
78045	4	78205	20
78055	5	78255	25
78075	7.5	78305	30
78105	10	78406	40

rated to 32 volts
bulk – min. 10 pcs



88810DL

ATO[®] Fuse With Indicator Light

part no.	amp	part no.	amp
88833	3	88815	15
88805DL	5	88820	20
88875	7.5	88825DL	25
88810DL	10	88830	30

rated to 32 volts
bulk – min. 5 pcs



ATC[®]/ATO[®] Tap-In

part no.	description
78025	ATC [®] /ATO [®] fuse, .250" tap-in

bulk – min. 100 pcs.



78365

ATC[®]/ATO[®] Fuse Holder
"Write-in" space available to easily identify circuits. Manufactured with standard 3.5" GPT wire. Fuses not included. Holder rated to 32V DC.

part no.	amp	gauge	wire color
78365	20	16	black
78375	30	12	yellow



ATC[®]/ATO[®] Fuse Holder

A premium-quality, insulated and weatherproof ATC[®] fuse retainer. Manufactured with 8.75", 12 gauge GPT wire. Fuse not included; wire color is orange. Holder rated to 32V DC.

part no.	amp	gauge
79001	30	12



Self-tapping ATC[®]/ATO[®] Fuse Holder

Self-tapping design requires no wire stripping. No special tool is necessary; installs with common pliers. For use with 18–14 gauge wire, 20 amp maximum. Fuse not included. Holder rated to 32V DC.

part no.	amp	gauge
78355	20	18–14



Stackable Panel Mount ATO Fuse Holder

Stackable panel mount fuse holders include wire leads. Intended for use with 32V ATO fuses rated up to 20A (78376) or 30A (78366). Holders slide together, allowing for the connection of multiple fuse holders.

part no.	amp	gauge	wire color
78376	20	14	black
78366	30	10	orange

bulk – min. 2 pcs



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ATC®/ATO® Fuse Holder with LED Light

ATC®/ATO® fuse holder with LED warning light to indicate a blown fuse. The black fuse body is PVC and rated to 105°C. Manufactured with 4" AWG wire leads. Holder is rated to 12/24V DC. Fuses not included. IP55 rated.

part no.	amp	gauge	wire color
78331	30	12	red
78332	20	14	red
78333	15	16	red
78334	10	18	red



ATC®/ATO® Indicator Fuse Holder

For use with indicator fuses. Clear cover allows visibility of blown fuse. Manufactured with 4", 12 gauge 600V tinned wire. 20 amp maximum. Fuse not included; wire color may vary. Holder rated to 32V DC.

part no.	amp	gauge
79003	20	12



78330

ATC®/ATO® Fuse Holders

Deluxe water tight body with a water resistant cap. Manufactured with standard 6" GPT wire. Fuse not included; wire color is red. Holder rated to 32V DC.

part no.	amp	gauge
78310	10	16
78330	30	12
78335	35	10



ATC®/ATO® Converter

Converts one ATC®/ATO® fuse circuit into two fusible circuits. Simply plug into existing panel space and the two open spots on the converter allows for two new fuses to be separately protected up to 10 amps. Fuses not included. Holder rated to 32V DC.

part no.	amp	gauge
79040	10	16



Fuse Pullers

Designed for ease of use. Extract AGC®, ATC®, ATO®, fuses from various fuse blocks.

part no.	description
990315	ATC®/ATO®/AGC® fuse puller
990305	ATC®/ATO®/Mini™ fuse puller
990350	ATC®/ATO®/Mini® fuse puller

bulk - min. 1 pcs.



79934

Fuse Block Labels

Easily organize fuse blocks with these reinforced, weatherproof labels. Offered in black or gray. Use with fuse blocks 79922 through 79932.

part no.	description
79934	60 Black Labels for 79922 to 79932
79935	60 Gray Labels for 79922 to 79932



79920

ATC®/ATO® Battery Terminal Mount Fuse Block

Add up to 4 fused circuits to the terminal or a battery. Includes 1 fuse and 4 nylon insulated ring terminals. Voltage Max: 32V DC. Amperage Max. per circuit: 30A. Amperage Max. per block: 100A. Accepts ATO or ATC fuses. Screw Terminal: #8-32 screws with captive star lock washer. Mounting Thru-hole: Clearance for 3/8" (M10) stud.

part no.	description	amp
79920	fuse block	100
79921	fuse block, negative bus and cover	100



79922

ATC®/ATO® Independent Source Fuse Block

Ideal for consolidating branch circuits and eliminates in-line fuses. Clear insulating cover with label recesses and storage for one fuse, satisfies ABYC/USCG insulation requirements. Tin-plated copper busses and fuse clips. Fuses sold separately. Voltage Max: 32VDC. Amperage Max per circuit: 30A. Amperage Max per jumped circuit group: 40A. Screw Terminal: #8-32 screws with captive star lock washer. Mounting: #8 screw (M4).

part no.	description	amp
79922	6 circuits, with cover	30
79923	6 circuits, without cover	30



79924

ATC®/ATO® Blade Split Bus Fuse Block

For use when a mix of switched and 24-hour circuits are desired in the same block. Split ATC®/ATO® fuse block with ground and insulating cover. Clear insulating cover with label recesses and storage for two fuses, satisfies ABYC/USCG insulation requirements. Tin-plated copper busses and fuse clips. Fuses sold separately. Voltage Max: 32V DC. Amperage Max per circuit: 30A. Amperage max per block: 100A. Screw Terminal: #8-32 screws with captive star lock washer. Mounting: #8 screw (M4). Positive and Negative Bus: #10-32 Stud.

part no.	description	amp
79924	split bus fuse block with ground and cover	100

ATC®/ATO® Common Source Fuse Blocks

These fuse blocks consolidate branch circuits and in-line fuses. Clear insulating cover with label recesses and storage for two fuses, satisfies ABYC/USCG insulation requirements. Tin-plated copper buses and fuse clips. Fuses sold separately. Voltage Max: 32V DC. Amperage Max. per circuit: 30A. Amperage Max. per block: 100A. Screw Terminal: #8-32 screws with captive star lock washer. Mounting: #8 screw (M4). Positive and Negative Bus: #10-32 Stud.



79925

part no.	description	amp
79925	fuse block with ground and cover, 6 circuits	100
79926	fuse block with cover, 6 circuits	100
79927	fuse block with ground, 6 circuits	100
79928	fuse block, 6 circuits	100
79929	fuse block with ground and cover, 12 circuits	100
79930	fuse block with cover, 12 circuits	100
79931	fuse block with ground, 12 circuits	100
79932	fuse block, 12 circuits	100



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SafetyHub Fuse Block (MIDI® & ATC®/ATO®)

Up to ten fused circuits. Accepts four MIDI® fuses for high-amp circuits up to 200A. Accepts six ATC®/ATO® fuses for circuits up to 30A. Sealed cover protects fuses from harsh environments and satisfies ABYC/USCG insulation requirements. One-piece stainless flange nuts ensure safe and secure connections. Fuses sold separately. Voltage Max: 32V DC. Amperage Max (combined): 280A. Amperage Max MIDI: 280A per block; 170A per circuit. Amperage Max ATC®/ATO®: 50A per block; 25A per circuit. Minimum cable size to meet ratings (whole block): 4/0 AWG; MIDI fuse block: 2/0 AWG. Stud Size (whole block): M8; MIDI fuse block: M5; ATC®/ATO® block: #8-32. Meets ISO 8846, SAE J1171, IP66.



79933

part no.	description	amp
79933	safetyhub fuse block with cover	280



ATC®/ATO® Compact Common Source Fuse Blocks

The fuse blocks accept ATO® and ATC® fast acting fuses and ring or snap fork type terminals. Tin-plated copper busses and fuse clips. The insulating cover meets ABYC/USCG insulation requirements. The fuse blocks are ignition protected; they meet ISO 8846 and SAE J1171 for use in a gasoline engine compartment. Fuses sold separately.



79936

79937

part no.	number of circuits	amp	max. voltage	includes cover	mounting screw	terminal screw
79936	4 circuits	100A per block 30A per circuit	32V DC	yes	#8 (M4)	#8-32
79937	8 circuits					

ATC®/ATO® Blade-type Fuse Panels

Panels range from 6 to 12 branch protected circuits. Easy wiring with .250" quick connect branch circuit terminal and stud common ground or .250" quick connect, if preferred. No top cover is needed recessed fuse contacts. Molded of high grade thermoplastic. Rated -29°C to 65°C (-20°F to 150°F) with a UL rated 94V-0 thermoplastic body. Recessed mounting holes.



70165



70265

INFORMATION

ATO®/ATC® FUSE PANEL:

Common negative bus with "push-on" tabs.

Common positive feed.

Each branch handles up to 30 amps (160 amp maximum total).

blade type fuse panel

part no.	position/branch	part no.	position/branch
70165	6	70105	10
70185	8	70125	12

fuse panel with grounding pad

part no.	position/branch	part no.	position/branch
70265	6	70205	10
70285	8	70225	12

6-Way ATC®/ATO® Fuse Panel

Base and cover are manufactured from a polycarbonate material for durability and strength. Screw mount terminals allow for easy wire connection. Rated up to 32V DC; 30 amps maximum per branch, 100 amp per panel. Rated -20°C to 120°C (-4°F to 248°F).



part no.	description	max amps all combined
70365	6-position fuse panel w/cover	100



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7389520



73898

ATC®/ATO® Fuse and Power Blocks

ATC® /ATO® Power Blocks are tailor-made blocks for power distribution systems. Included is a cover, a gasket inside the cover to help seal out dust and moisture, along with .250" male terminals for easy wiring connections. Fuses not included. Each fuse branch is independently powered.

INFORMATION

OPERATING CHARACTERISTICS: Maximum 30 amps per branch, 65 amps maximum per block. Temperature rating: 85°C (185°F). 12–32V DC.

Bottom Blade Installation Fuse Block

part no.	description	max amp all combined	mounting hole distance	hole dia.
73801	4-way raised fuse block	50	2.095" (53.2mm)	.219" (5.5mm)
73803	6-way raised fuse block	65	2.88" (73.2mm)	.219" (5.5mm)
73805	8-way fuse block – panel mount	80	4.055" (103mm)	.219" (5.5mm)

Side Blade Installation Fuse Block

part no.	description	max amp all combined	mounting hole distance	hole dia.
73810	4-way fuse block	50	2.56" (65mm)	.219" (5.5mm)
73820	6-way fuse block	65	3.35" (85mm)	.219" (5.5mm)

ATC®/ATO® Fuse Block

Black nylon 1-way fuse block has a clip slot for mounting with a .250" flat head screw. Brass terminals included. Rated for 30 amp maximum.

part no.	description	max amp
73885	1-way fuse block	30

ATC®/ATO® Fuse Block

Black nylon 4-way fuse block is stackable with bolt holes for mounting to a stationary object. Brass terminals included. Rated for 50 amp max for all branches combined. Includes one terminal strip and four individual terminals.

part no.	description	max amp all combined
73895	4-way fuse block	50

Terminals for Fuse Blocks

Brass terminals for fuse blocks offer quick dependable wiring connections. Works with 16–14 gauge wire.

part no.	description
7388520	single terminal for 1-way fuse block
7389520	terminal strip for 4-way fuse block

ATC®/ATO® Fuse Block

A 6-way ganged raised fuse block with a 22", 8 gauge hot wire. A screw terminal output and cover, with a .375" stud ring terminal attached. 30 amp max per branch. Rated for 65 amp max for all branches combined. RoHS.

part no.	description	max amp all combined
73897	6-way fuse block	65

6 Gang ATC®/ATO® Fused Distribution Block

40A Max. Maximum 4 gauge wire power input with six 8 gauge max outputs. Mounting Hole Separation: 88mm (3.465 inches). Metal Mounting Bracket Width: 98mm (3.858 inches).

part no.	description	max amp per circuit
73898	6 gang ATC®/ATO® fused distribution block	40

Maxi® Fuse

Maxi® fuses feature "diffusion pill technology" and provide excellent time delay characteristics and low heat dissipation. Temperature rating: 40°C to 125°C (-40°F to 257°F). Terminals: Silver plated zinc alloy. Housing material: PA66 AW J1888.



78502



78521

Maxi® Fuse Without Indicator Light

RoHS and UL component rated.

part no.	amp	part no.	amp
78501	20	78504	50
78506	25	78505	60
78502	30	78507	70
78503	40	78508	80

rated to 32 volts
bulk – min. 10 pcs.

Maxi® Fuse With Indicator Light

part no.	amp	part no.	amp
78520	20	78524	60
78521	30	78525	70
78522	40	78526	80
78523	50	78527	100

bulk – min. 2 pcs.



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Maxi® Fuse Holder

Weather resistant fuse holder designed for applications where moisture is a problem. Cover includes a removable strap. Manufactured with standard 5", 6 gauge GPT wire. Range: 20 to 60 amps. Fuse not included; wire color is black. Holder rated to 32V DC.

part no.	amp	gauge
78515	60	6



Maxi® Fuse Holder with LED Light

Illuminates to indicate a blown fuse. The fuse holder is rated 20-60A. Manufactured with 5" of 6 AWG wire leads. Holder is rated to 12/24VDC. Fuses not included.

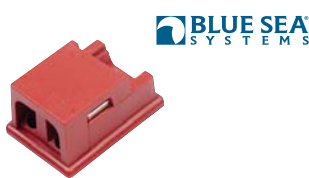
part no.	amp	gauge	wire color
78516	60	6	red



Maxi® Fuse Block

This interlocking fuse block allows for 2-pole installation and is an ideal replacement for fusible link wire. Rated up to 60 amps maximum. Screw terminal wire mount. Fuse not included.

part no.	description	max amps
73886	fuse block	60
73887	fuse block cover	–



Maxi® Fuse Block

Snap-on terminal cover insulates all conductive parts, satisfying ABYC/USCG requirements. Accepts wire sizes 18-4 AWG from sides or bottom. Terminal screws compress fuse blades within blocks for low resistance connections. Fuses sold separately. Voltage Max: 32V DC. Amp Max: 80A. Mounting: #10 screws.

part no.	amp	gauge
78528	80	18-4



Fuse Pullers

Designed for ease of use. Extract Mini or Maxi fuses from various fuse blocks.

part no.	description
990320	Maxi™ fuse puller
990305	ATC®/ATO®/Mini™ fuse puller

bulk – min. 1 pcs.

Mini® Fuses



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Mini® Fuse

Interruption rating is 1000A at 14 VDC. Terminals are silver plated Zinc alloy. Mini® Fuses temperature rating: -40°C to 125°C (-40°F to 257°F). Terminals: silver plated zinc alloy. Housing Material: PA66 SAE J2077.



77155



77475



87075



Mini® Fuse Without Indicator Light

RoHS and UL component rated.

part no.	amp	part no.	amp
77015	2	77105	10
77035	3	77155	15
77045	4	77205	20
77055	5	77255	25
77075	7.5	77305	30

rated to 32 volts
bulk – min. 10 pcs.

Mini® Fuse With Indicator Light

RoHS and UL component rated.

part no.	amp	part no.	amp
77403	3	77415	15
77405	5	77420	20
77475	7.5	77425	25
77410	10	77430	30

rated to 12V DC
bulk – min. 5 pcs.

Mini® Fuse Low Profile

RoHS rated.

part no.	amp	part no.	amp
87005	5	87020	20
87075	7.5	87025DL	25
87010	10	87030	30
87015	15		

rated to 58V DC
bulk – min. 10 pcs.



Tap-in

part no.	description
77025	Mini® .187 tap-in

bulk – min. 100 pcs.



Mini® Indicator Fuse Holders

For use with Mini® indicator fuses. Clear cover allows visibility of blown fuse. Manufactured with 5", 14 gauge wire. 20 amp maximum. Fuses not included. Wire rated to 105°C (221°F).

part no.	amp	gauge
79007	20	14



Mini® Fuse Holder

Weather resistant fuse holder designed for applications where moisture is a problem. Cap has a positive snap action for a tight fit. Manufactured with 4", 12 gauge UL 1015 wire, 30 amps. For Mini® fuse only (fuse not included); wire color is orange. Holder rated to 32V DC.

part no.	amp	gauge
78385	30	12



78381

Mini® Fuse Holder with LED Light

Mini® fuse holder with LED warning light illuminates to indicate a blown fuse. The black fuse body is PVC and rated to 105°C. Manufactured with 4" AWG wire leads. Holder is rated to 12/24V DC. Fuses not included. IP55 rated.

part no.	amp	gauge	wire color
78381	10	18	red
78382	15	16	red
78383	20	14	red
78384	30	12	red



Mini® Fuse Converter

Converts a single Mini® fuse circuit into two separate fuse circuits. Plug into existing panel space and the two open spots on the converter allow for two new fuses to be separately protected up to 10 amps. Holder rated to 32V DC.

part no.	amp	gauge
79045	10	16



Mini® Low Profile Fuse Adapter

Converts one Mini® blade fuse circuit to two fusible Mini Low Profile circuits. Compatible with Mini Low Profile fuses, sold separately.

part no.	amp	volts	number of fuses
79047	30	32	2



73841

Mini® Fuse and JCASE® Fuse Holder

The 2+2 Mini® Fuse and JCASE® Holder, accommodates two Mini® fuses and two JCASE® fuses. Amperage range of 2-60A in a compact package. TPAs are also included to provide secondary locking of each wire terminal. Mounting Torque: 6-8Nm. Body & Cover: UL 94V-0 Thermoplastic. Stud: Zinc-Plated Steel. RoHS.

part no.	description
73841	2+2 Mini® fuse and JCASE® fuse holder

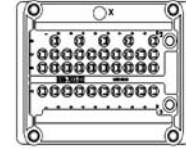


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Sealed Mini® Fuse & ISO 280 Mini Relay Combo Panel, Bussed Input

This bussed fuse panel is designed to accept up to ten (10) Mini® fuses on one side and up to five (5) mini ISO relays on the other side. The low profile cover allows for mounting in tight panel or surface spaces (surface mount requires Del City 15303001 mounting bracket). Both fuse and relay branches are rated up to 30A max per branch with bussed M6 studs rated up to 80A max. The panel is rated up to 100A (80A per side) max. Relay side is bussed on pin 86. Metri-Pack™ Sealed 280 tangless terminals and seals are sold separately.



* bottom view

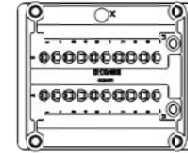
View the inside catalog cover for Prop 65 Warning.

part no.	description
15303224	sealed Mini® fuse & ISO 280 relay combo panel



Sealed Mini® Fuse Panel with Bussed Inputs

The fuse panel has two bussed, power distribution circuits that accept up to ten (10) Mini® fuses on each side. The low profile cover allows for mounting in tight panel or surface spaces (surface mount requires Del City 15303001 mounting bracket). Fuse branches are rated up to 30A max. per branch, and the bussed M6 input studs are rated up to 80A max. Panel cannot exceed 160A (80A per side) max. fuse combination. Metri-Pack™ Sealed 280 tangless terminals and seals are sold separately.



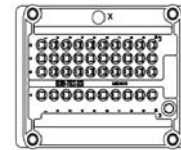
* bottom view

part no.	description
15303123	sealed Mini® fuse panel



Sealed Mini® Fuse & ISO 280 Mini Relay Panel with Partially Bussed Inputs

The sealed Mini® fuse and ISO 280 mini relay panel has two power distribution circuits. Circuit one is a bussed fuse way that accepts up to ten(10) Mini® fuses. Circuit two is a fuse/relay that accepts up to ten(10) Mini® fuses or five(5) ISO 280 mini relays or a combination of each. It can be mounted either in a panel or in a surface mounted application when combined with 15303001 mounting brackets. Fuse and relay branches are rated up to 30 amp max. Bussed M6 input stud is rated up to 80 amps (80A per side) max. and panel is rated to 100 amps (80A per side) max with relays or 160 amps max fuse only. Metri-Pack™ 280 tangless terminals seals and cavity plugs (sold separately).



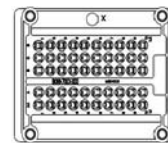
* bottom view

part no.	description
15303524	sealed Mini® fuse & ISO 280 relay panel



Sealed Mini® Fuse & ISO 280 Mini Relay Combo Panel with Individual Inputs

Apply power to each individual circuit on both sides of this fuse panel. One side accepts up to ten(10) Mini® fuses, the other side accepts up to ten(10) Mini® fuses or five (5) ISO 280 mini relays. It can be either panel or surface mounted (surface mount requires 15303001 mounting bracket). Fuse and relay branches are rated up to 30A max each branch and the panel is rated to 100A (80A per side) max with relays or 160A (80A per side) max fuse only. Metri-Pack™ 280 tangless terminal seals and cavity plugs sold separately.



* bottom view

part no.	description
15303404	sealed Mini® fuse & ISO 280 relay combo panel



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Mounting Bracket for Sealed Mini® Fuse/ISO Relay Panels

Mounts to any surface. Two brackets to complete an assembly and each bracket is manufactured of steel with zinc plating.



part no.	description
15303001	mounting bracket for sealed Mini® Fuse/ISO relay panels



Stud End Caps for EATON RTMR

Used with ATO®/ATC® RTMR power distribution modules. These protective end caps are made of silicone. Compatible with Sealed Mini Fuse and Relay Panels: 15303123, 15303524, 15303404 and 15303224.



part no.	description
78995	Stud End Caps for EATON RTMR



Sealed Mini® Fuse Panel with TPAs

Perfect for accessory circuits, overflow circuits from main PDM or a main module on smaller vehicles. It's hard-wired for 280 style components and accepts Mini® fuses, relays, circuit breakers, diodes, etc. and Delphi Metri-Pack™ 280 terminals, cable seals and cavity plugs. TPAs (terminal position assurance locks) provide secondary protection from wire pull-out. TPAs snap onto the back of the unit after the wires are installed, and do not interfere with the cable seals needed to ensure IP protection. Easy to connect - wires plug into the back of the unit using industry-standard tanged Metri-Pack™ terminals. Steel mounting bracket included. Module snaps into the bracket and is held at a 30° angle to allow easy viewing and servicing of devices. Max Fuse Size: 30A. Number of Cavities: 18. Mounting Torque: 5.5-6.5Nm. Materials: Body & Cover: UL94V-0 Glass-Filled Thermoplastic; Bracket: Plated Steel; Gasket: Silicone. Temperature Range: -40°C to 85°C (-40°F to 185°F). Ingress Protection: IP67. Wire Sizes: 0.35-5.00 mm². RoHS.



78343

part no.	description
78343	MINI® sealed power distribution module w/TPAs and mounting bracket



Sealed Mini® Hard Wired Module

Designed for use with 280 style components (MINI® fuses, relays, diodes, resistors, etc.). It features 60 cavities creating a high-density fuse module with a compact footprint. Without internal bussing, it allows the flexibility of custom circuitry by the end user. The wire simply plugs into the back of the module using sealed Delphi Metri-Pack™ Series 280 tanged terminals. Sealing in the cover and around the wires allow for use in extreme environments. Dovetail features on the side of the unit allow the user to stack multiple modules together to increase their circuit protection package. These same dovetails can be used to attach an add-on component that holds a fuse puller and spare fuses. Max Fuse Size: 30A. Number of Cavities: 60. 250A Max. Compatible Relay Types: 280 Footprint Micro & Mini. Mounting Torque: 6-8Nm using M6 bolts and Hardware. Materials: UL 94V-0 Glass-filled Thermoplastic with Silicone Gasket. Wire Sizes: 0.35-5.0mm². RoHS.



73842

part no.	description
73842	MINI® sealed hard wired module w/base, cover, gasket & TPAs

Mini® Fuse Blocks

These surface mounted fuse blocks are rated up to 15 amps max per circuit at 12V DC. .250" male blade (side blade installation). Base material is nylon UL94V-0. Polycarbonate cover includes rubber gasket to help seal out debris. Each fuse branch is independently powered.



75805

part no.	description	branch	mounting center-to-center	max amps per circuit
75800	Mini® fuse block	4	2.559"	15
75805	Mini® fuse block	6	3.346"	15
75810	Mini® fuse block	8	4.134"	15
75815	Mini® fuse block	10	4.528"	15



Micro2[®] Fuses

Micro2[®] fuses are the new standard for vehicle circuit protection. Their sub-miniature design meets the need for more circuits to be protected while utilizing less space. Micro fuses are ideal for high temperatures in adverse environments. Terminals are Ag plated zinc alloy. Offered sizes include: 5, 7.5, 10, 15, 20, 25 and 30 Amp. These fuses have an operating temperature of -40°C to 125°C (-40°F to 257°F). Rated up to 32V DC. RoHS.



Micro2[®] Converter

Converts one Micro2[®] fuse circuit into two fusible circuits. Simply plug into existing panel space and the two open slots on the converter allows for two new fuses to be separately protected up to 10 amps. Fuses not included. Holder rated to 32V DC.

part no.	amp	gauge
79041	10	16

Micro2 Fuse Holder with LED Light

Micro2 fuse holder with LED warning light to indicate a blown fuse. The black fuse body is PVC and rated to 105°C. Manufactured with 4" AWG wire leads. Holder is rated to 12/24VDC. Fuses not included.

part no.	amp	gauge	wire color
78404	30	12	red

Micro2 Inline Fuse Holder

Micro2 inline fuse holder is rated to 30A and is constructed of 12AWG wire. The black fuse body is TPR and rated from -20°C to +85°C. Manufactured with 5" AWG wire yellow leads. Compatible with Micro2 blade fuses. 32V DC Max. Fuses sold separately. RoHS.

part no.	amp	gauge	wire color
78402	30	12	yellow



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Micro3[®] Fuses

Micro3[®] Fuses have 3 terminals and 2 fuse elements with a common center terminal. Their sub-miniature design meets the need for more circuits to be protected while utilizing less space. Interruption rating is 1000A at 32 VDC. Terminals are silver-plated zinc alloy. The housing material is PA66. Rated up to 32 volts DC at an operating temperature of -40°C to 125°C (-40°F to 257°F). RoHS.



part no.	amp	part no.	amp
78931	5	78933	10
78932	7.5	78934	15

bulk - min. 10 pcs.



Class T Fuses

Small, space saving fuses that provide a high degree of current-limitation on short-circuits for excellent component protection.



78996

part no.	amp	max volt	interrupting capacity
78994	225	160V DC	20,000A @ 160VDC.
78996	250		
78997	300		

part no.	amp	max volt	interrupting capacity
78998	350	160V DC	20,000A @ 160VDC.
78999	400		



Class T Fuse Holder

Insulating cover satisfies ABYC/JSCG insulation requirements. Cover breakouts allow wire access in any direction. Insert molded studs ensure fuse mounting. Stainless steel studs provide resistance to corrosion and high torque. One-piece stainless flange nuts ensure safe and secure connections. UL 94-V0 base resists high heat. Fuse Mounting Blocks: Tin-Plated Copper. For use with Class T fuses. Fuses sold separately.



78974

part no.	max. amp	max. voltage	includes cover	access. terminal	terminal stud	max wire size
78974	400A	160V DC	yes	#8 (M4)	3/8"-16	4/0 AWG

MEGA® Fuses



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MEGA® Fuses

MEGA® fuses are ideal for battery and alternator protection applications and heavy gauge cables that require ultra-high current protection. Mounting holes are .340" diameter and spaced 2" apart. Recommended fuse holder: 87900 and 87905. Rated up to 32V DC at an operating temperature of 40°C to 125°C (-40°F to 257°F). RoHS.



part no.	amp
87100	100
87125	125
87150	150
87175	175
87200	200
87225	225

part no.	amp
87250	250
87300	300
87350	350
87400	400
87451	450
87500	500

bulk - min. 2 pcs.



MEGA® BF2 Fuses

The transparent housing material allows for easy detection of a blown fuse. Tin plated Copper for corrosion resistance. Voltage Rating: 32V DC. Housing Material: PET-GF30. Clear Housing Material: PES. Terminal: Copper alloy, gal. Sn. 2 x M8 bolts, distance 51 mm. Mounting Torque: 12 Nm +/- 1 Nm. Breaking Capacity: 100-300A: 2,000A @ 32V DC. 400-500A: 1,500A @ 32V DC. RoHS.



part no.	amp
79210	100
79211	125
79212	150
79213	175
79214	200

part no.	amp
79215	225
79216	250
79217	300
79218	400
79219	500

bulk - min. 2 pcs.



UL Rated MEGA® Fuses

UL Rated MEGA® fuses comply with ISO 8820-5, UL 248 Special Purpose Fuses. Max volt: 32V DC. Interrupting capacity: 2000A @ 32V DC. RoHS.



part no.	amp
79227	80
79228	100
79229	125

part no.	amp
79230	150
79231	175

bulk - min. 2 pcs.



Low Temp MEGA® Fuses

79220 is silver plated. All other fuses are copper plated. Operating temperature: -40°C to +125°C. Max. Volt: 32V DC. Interrupting capacity: 2000A @ 32V DC. RoHS.



part no.	amp
79220	125
79221	150
79222	175
79223	200

part no.	amp
79224	225
79225	250
79226	275

bulk - min. 2 pcs.



MEGA® Fuse Holder

Designed to be used with MEGA® Fuses, the MEGA® fuse holder features a protective cap, interconnecting pins on the side of the fuse block for multiple block configurations, M8 threaded studs and hex nuts with lock washers. Fuses sold separately. RoHS.



part no.	description	amp
87900	MEGA® fuse holder w/cap	500



MEGA® Flex Fuse Holder

Offers a flexible cover, which allows cable entry from virtually any direction, large wire, and stacked ring terminals. Dovetail features allow you to interlock multiple Flex holders together for a high power distribution block. Bus bars are available for multiple holder applications.



part no.	description	amp
87905	MEGA® flex fuse holder with cover	500
87907	2 position bus bar for MEGA® fuse holder 87905	500
87908	3 position bus bar for MEGA® fuse holder 87905	500

▶ new product line extension



MEGA® Fuse Block

Insulating cover with breakouts satisfies ABYC/USCG insulation requirements. Stainless steel studs provide resistance to corrosion and allow high torque. UL94-V0 base resists high heat. Fuses sold separately. Voltage Max: 32V DC. Amperage Max: 300A. Wire size to meet rating: 4/0 AWG. Terminal Stud Size: 5/16"-18 (M8). Mounting: #10 (M5) Screws.



part no.	description	amp
87910	MEGA® fuse block with cover	300



Safety MEGA® Fuse Block

Sealed cover protects fuses from harsh environments and satisfies ABYC/USCG insulation requirements. Fuses sold separately. Voltage Max: 32V DC. Amperage Max: 300A. Wire size to meet rating: 4/0 AWG. Mounting holes: Accept 1/4" (M6) screws. Terminal Stud Size: M8. Meets ISO 8846 and SAE J1171 external ignition protection requirements when cover is secure. IP66 rated.



part no.	description	amp
87920	MEGA® safety fuse block with cover	300

Littelfuse® MIDI® Fuses

Bolt-on space saving fuse for high current wiring protection. Tin plated contacts provide excellent corrosion resistance. Interruption Rating: 1000A @ 32VDC. Voltage Rating: 32 VDC. Operating Temperature Range: -40°C to 125°C (-40°F to 257°F). Housing Material: Heat Resistant 94-V0 Thermoplastic. Terminals: Tin Plated Copper. RoHS.



78940

part no.	amp
78940	30
78941	40
78942	50
78943	60
78944	70
78945	80

part no.	amp
78946	100
78947	125
78948	150
78949	175
78950	200

bulk – min. 1 pcs.

Littelfuse®

NEW! MIDI® BF1 Fuses

Bolt-on space saving fuse for high current wiring protection. Tin plated contacts provide excellent corrosion resistance. Interruption Rating: 30A: 1000A @32VDC, all other fuses: 2000A @32VDC. Voltage Rating: 32 VDC. Operating Temperature Range: -40°C to 125°C (-40°F to 257°F). Housing Material: PET-GF30. Clear Housing Material: PES Terminals: Tin Plated Copper. RoHS.



part no.	amp
79200	30
79201	40
79202	50
79203	60
79204	70

part no.	amp
79205	80
79206	100
79207	125
79208	150

bulk – min. 2 pcs.

Littelfuse® MIDI® Fuse Holder

Includes M5 threaded studs and hex nuts with lock washers. 200 Amps Max. Includes M5 threaded studs and hex nuts with lock washers. RoHS



part no.	description	amp
78951	MIDI® fuse holder w/cap	200

Littelfuse®

NEW! MIDI® Flex Fuse Holder

This holder offers a flexible cover, which allows entry from virtually any direction, large wire and stack ring terminals. Slots on the base allow the holder to be mounted with tie wraps. Dovetail features allow you to interlock multiple Flex MIDI fuse holders together for a higher power distribution block. Bus bars are available for multiple holder applications.



part no.	description	amp
78935	Flex MIDI holder w/cap	200
78936	2 position bus bar for 78935	-
78937	3 position bus bar for 78935	-

Littelfuse®

NEW! MDB MIDI® PD Fuse Holders

Internally bussed, water-proof and dust-proof fuse holder is developed for high current loads, and harsh conditions. Voltage: 6-58V DC. Total Max Current: 200A. Wire Sizes Input: 16 or 25 mm2 Wire Size Output: 6-16 mm2. Sealed to IP67 and IP69K for maximum flexibility in mounting location. Operating tempertaure range: -40°C - 85°C. Fuse Torque: 5 Nm. Mounting Torque: 6-8 Nm. Ingress Protection: IP67, IP69K. Flammability Rating: UL94-V0.



part no.	description	amp
78938	2 pole MIDI power distribution fuse holder	200
78939	3 pole MIDI power distribution fuse holder	200

BLUE SEA SYSTEMS

Safety MIDI® Fuse Block

Ignition protected for use on gasoline powered equipment with 30A to 200A circuits. Sealed cover protects fuses from harsh environments and satisfies ABYC/USCG insulation requirements. Cover beakouts allow wire access in three directions. One-piece stainless flange nuts ensure safe and secure connections. Fuses sold separately. Voltage Max: 32V DC. Amperage Max: 200A. Wire size to meet rating: 2/0 AWG. Mounting holes: Accept 1/4" (M6) screws. Terminal Stud Size: M8. Terminal Screw Size: M5 stainless steel. Meets ISO 8846 and SAE J1171 external ignition protection requirements when cover is secure. IP66 rating.



part no.	description	amp
78972	MIDI® safety fuse block with cover	200

BLUE SEA SYSTEMS

SafetyHub Fuse Block (MIDI® & ATC®/ATO®)

Accepts six ATC®/ATO® fuses for circuits up to 30A. Sealed cover protects fuses from harsh environments and satisfies ABYC/USCG insulation requirements. Fuses sold separately. Voltage Max: 32V DC. Amperage Max (combined): 280A. Amperage Max MIDI®: 280A per block; 170A per circuit. Amperage Max ATC®/ATO®: 50A per block; 25A per circuit. Minimum cable size to meet ratings (whole block): 4/0 AWG; MIDI fuse block: 2/0 AWG. Stud Size (whole block): M8; MIDI® fuse block: M5; ATC®/ATO® block: #8-32. Meets ISO 8846, SAE J1171, IP66 rating.



part no.	description	amp
79933	SafetyHub fuse block with cover	280



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ANL & Marine Fuses



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EATON ANL® Fuses

Visible indication of blown condition. Connect to 5/16" studs. Maximum Voltage: 80V DC. Interrupt Capacity: 2700A @ 80V DC; 6000A @ 32V DC. Ignition Protected (conforming to SAE J1171), safe for installation aboard gasoline powered boats (35-500A Only). Silver-plated connector blades for corrosion resistance. UL and CSA rated.



78952

part no.	amp	part no.	amp	part no.	amp	part no.	amp
78952	35	78957	100	78961	200	78965	400
78953	40	78958	130	78962	250	78966	500
78954	50	78959	150	78963	300	78967	600
78955	60	78960	175	78964	350	78968	750
78956	80						

BLUE SEA SYSTEMS ANL® Fuse Blocks

For use on systems up to 32V DC. Fuse block accepts 5/16" (M8) ring terminals. Insulating cover satisfies ABYC/JSCG requirements. Cover breakouts allow wire access in any direction. Base Material: Reinforced Polycarbonate. Fuse Mounting Blocks: Tin-Plated Copper. Maximum Cable Size: 2/0 AWG for 78970. 4/0 AWG for 78969. Maximum Torque: 110 in-lbs (12.43 Nm) for 78970. 107 in-lbs (12.09 Nm) for 78969. Terminal Stud Size: 5/16"-18 (M8). UL 94-V0 base resists high heat. Fuses sold separately. 78969 for use with fuses 78952 to 78968. 78970 for use with fuses 78952 to 78963.



78969

part no.	description	amp
78969	ANL fuse block with cover	750
78970	ANL fuse block with cover	300

EATON Marine Rated Battery Fuses

The breaking capacity meets the requirements of conventional vehicle batteries and 12V, 24V and 42V electrical networks. 58V DC Maximum. Interrupt Rating: 10,000A @ 14V DC; 5000A @ 32V DC; 2000A @ 58V DC. Body Material: Ceramic. IP66 ingress protection. SAE J1171 ignition protected. Requires the use of Terminal Fuse Blocks 78990 or 78991. **Do not mount the fuse directly to the battery terminal.**



78976

part no.	amp	part no.	amp	part no.	amp	part no.	amp
78976	30	78980	75	78984	125	78988	250
78977	40	78981	80	78985	150	78989	300
78978	50	78982	90	78986	175		
78979	60	78983	100	78987	200		

EATON Marine Rated Battery Fuse Holders

Voltage Max: 58V DC. Amperage Max: 300A. Housing & Cover: UL-rated 94V0 Thermoplastic. Ring Terminals: Tin Plated. Terminal Stud Size: M8 (5/16"-18). Mounting Hole: 3/8". SAE J1171 ignition protected. Fuses sold separately. For use with fuses 78976 to 78989.



78990

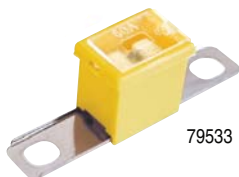
part no.	description	amp
78990	terminal fuse block, 1 fuse	300
78991	terminal fuse block, 2 fuse	300
78992	red Santoprene cover for single stud holder	n/a
78993	red Santoprene cover for double stud holder	n/a



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High Amp Fuses and Fusible Links

JCASE® provides both increased time delay and low voltage drop to protect high current circuits. Used with fuse holder 79610. Each fuse features an increased time delay and low voltage drop protection rated up to 32V DC. Operating range: -40°C to 125°C (-40°F to 257°F). Meets JA50 0612. RoHS.



79533



79539



79528

PAL bolt-mount

part no.	color	amp
79530	pink	30
79531	green	40
79532	red	50
79533	yellow	60
79534	brown	70
79535	black	80
79536	blue	100
79537	lt. gray	120

PAL mini female

part no.	color	amp
79538	pink	30
79539	green	40

PAL female

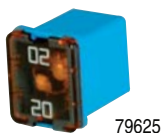
part no.	color	amp
79525	lt. blue	20
79526	pink	30
79527	green	40
79528	red	50
79529	yellow	60



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JCASE® Cartridge Fuses

Fuses are designed with female terminals to help reduce typical replacement wear on your vehicle's fuse box. Operating temperatures of -40°C to 125°C (-40°F to 257°F). Rated up to 58V DC. RoHS.



79625



79540



79620

JCASE® Low Profile

part no.	color	amp
79625	blue	20
79635	natural	25
79626	pink	30
79627	green	40
79628	red	50
79629	yellow	60

JCASE® female

part no.	color	amp
79540	lt. blue	20
79541	pink	30
79542	green	40
79543	red	50
79544	yellow	60

JCASE® Fuse Holders

Up to 58V DC. Rated up to 40 amps.

part no.	description
79610	standard w/cover, 8 AWG
79620	low profile w/cover, 8 AWG

bulk – min. 2 pcs.



79550

MCASE™ Fuses

Cartridge fuse with female terminals for 2.8 mm male terminals. Rated up to 32V DC at an operating temperature of -40°C to 125°C (-40°F to 257°F). Interruption rating is 1000A at 32V DC. Insertion force is 44.1N maximum (9.9 lbs). Extraction force is 4N minimum (0.9 lbs), 24.5N maximum (5.5 lbs).

part no.	amp	part no.	amp
79630	15	79633	30
79631	20	79634	40
79632	25		

ZCase Fuses

Terminal: Tin plated Copper. Mounting Torque M6: 9.8Nm +/- 1.4Nm. Max volt: 32V DC. Interrupting capacity: 2000A @ 32V DC. Temperature range: -40°C to 125°C.

part no.	amp	part no.	amp
79550	40	79556	175
79551	60	79557	200
79552	80	79558	225
79553	100	79559	250
79554	125		
79555	150		

bulk – min. 2 pcs.

Relays



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View the inside catalog cover for Prop 65 Warning.

INFORMATION

OPERATING CHARACTERISTICS:

Permissible ambient temperature = -40°C to 125°C (-40°F to 257°F)
 Mechanical Life—no load = 10,000,000 operations (frequency 18,000 operations/hr)

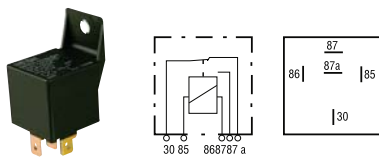
The following applies for all relays unless otherwise noted:

- Operating voltage = 8–16V at 12V; 16–32V at 24V
- Contact voltage drop(*) = Typ. 50mV at 10A
- Insulation resistance(*) = 20MΩ Min. (DC 500V)
- Operate time(*) = 20ms Max.
- Release time(*) = 20ms Max.
- Resistive load N.O. = 50A at 14V DC
- Resistive load N.C. = 30A at 14V DC
- Dielectric strength N.O.(*) = AC 500V, 50/60Hz 1 min
- Dielectric strength N.C.(*) = AC 500V, 50/60Hz 1 min
- Life Expectancy Mechanical = 10,000,000 operations (frequency 18,000 operations/hr)
- Life Expectancy Electrical = 100,000 operations (frequency 1,200 operations/hr)

A change over relay switches current from one user to another. Change over relays are used for switching from one horn to the fan, from forward to backward movement of the sliding roof, from opening to closing electrically operated windows and for two-stage uses such as fans and some rear window heating systems.

Change Over Relays

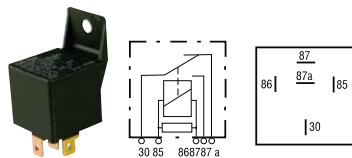
Change over relays are used in applications that require Change Over Relays, Normally Open Relays or Normally Closed Relays.



mounting bracket

part no.	circuit type	amp	volt
73980	NC/NO	30/50A	12V

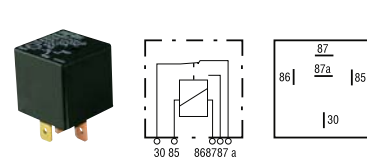
IP54 Rated.



mounting bracket w/resistor

part no.	circuit type	amp	volt
73982	NC/NO	15/20A	24V

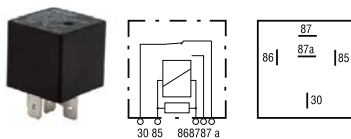
Resistor reduces voltage spikes which can damage sensitive electronic equipment. IP54 Rated.



no mounting bracket

part no.	circuit type	amp	volt
73984	NC/NO	30/50A	12V

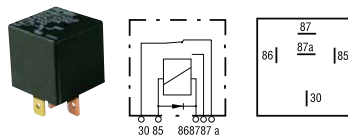
IP54 Rated.



potted

part no.	circuit type	amp	volt
73988	NC/NO	30/50A	12V
74990*	NC/NO	30/50A	12V

* tinned terminals & flux tight seal, without resistor
 Resistor reduces voltage spikes which can damage sensitive electronic equipment. IP67 Rated.

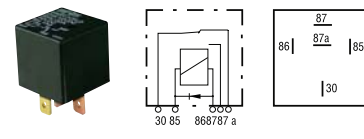


#85 negative w/diode

part no.	circuit type	amp	volt
73986	NC/NO	30/50A	12V

The same as 73984 with a diode. Diode eliminates voltage spikes which can damage sensitive electronic equipment. IP54 Rated.

* ground diode accordingly

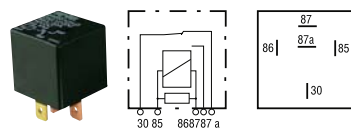


#85 positive w/diode

part no.	circuit type	amp	volt
73990	NC/NO	30/50A	12V

Diode eliminates voltage spikes which can damage sensitive electronic equipment. IP54 Rated.

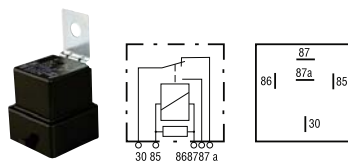
* ground diode accordingly



w/resistor

part no.	circuit type	amp	volt
73992	NC/NO	30/50A	12V

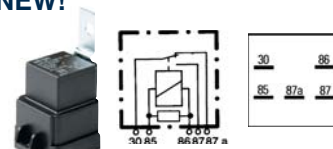
Resistor reduces voltage spikes which can damage sensitive electronic equipment. IP54 Rated.



skirted w/resistor & bracket

part no.	circuit type	amp	volt
73994	NC/NO	30/50A	12V

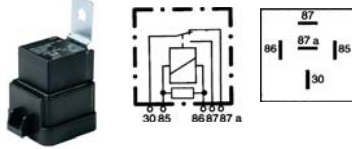
Resistor reduces voltage spikes which can damage sensitive electronic equipment. IP54 Rated.



mini 280 skirted w/resistor & bracket

part no.	circuit type	amp	volt
74977	NC/NO	30/50A	12V

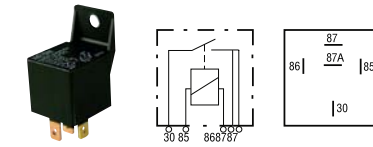
Resistor reduces voltage spikes which can damage sensitive electronic equipment.



mini ISO skirted w/resistor & bracket

part no.	circuit type	amp	volt
74978	NC/NO	30/50A	12V

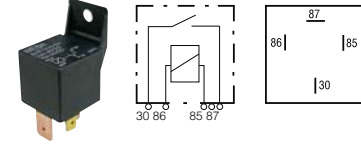
Resistor reduces voltage spikes which can damage sensitive electronic equipment.



dual open contacts

part no.	circuit type	amp	volt
73996	NO	30A	12V

A popular relay for European cars. Double relay with two prongs will allow operation of two instruments. IP54 Rated



normally open 70 amp relay

part no.	circuit type	amp	volt
73998	NO	70A	12V

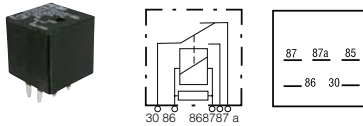
Relay includes two .250" and two .375" terminals. IP54 Rated.



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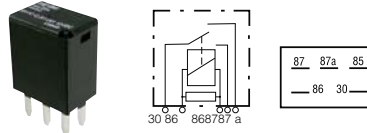
View the inside catalog cover for Prop 65 Warning.



ISO micro 280 w/resistor

part no.	circuit type	amp	volt
74982	NC/NO	30/50A	12V

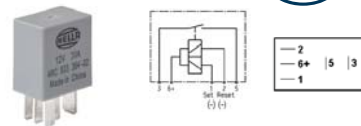
Automotive relay with ISO micro 280 footprint. Sealed base with tinned terminals. Works with Bussman sealed fuse and relay panels.



ISO micro 280 w/resistor

part no.	circuit type	amp	volt
74980	NC/NO	20/35A	12V

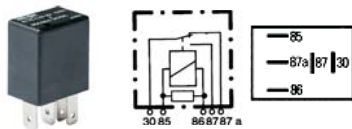
Automotive miniature relay with ISO micro 280 footprint. Sealed base with tinned terminals. Works with Bussman sealed fuse and relay panels. NC = Normally Closed (20amp) NO = Normally Open (35amp)



Hella latching/bistable relay

part no.	amp	volts	max. inrush
74994	30A	12V	100A

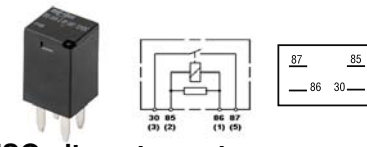
A latching relay is really two-position electrically actuated switch. It is controlled by two momentary-acting switches or sensors. IP Rating: IP54



ISO micro relay w/resistor

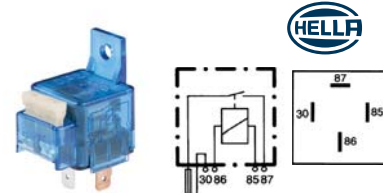
part no.	circuit type	amp	volt
74979	NC/NO	20/35A	12V

Fits Micro terminal block (73562).



ISO ultra micro relay w/resistor

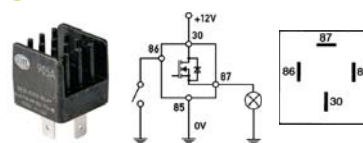
part no.	circuit type	amp	max. voltage
74981	SPNO	20A	12V



mini ISO relays w/fuse

part no.	circuit type	amp	max. voltage
74983	SPST	15A	12V
74984	SPST	25A	12V

IP54 rated.



Mini ISO Solid State Relay

Solid state relays are faster than electromechanical relays. The relay features no moving parts that will wear and no contacts to pit or build up carbon on, making it a highly durable relay. Overload protected at 80A. Switching Frequency: 0 Hz to 1000 Hz.

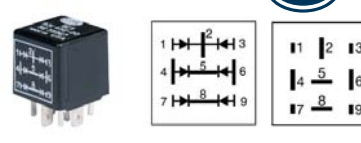
part no.	circuit type	amp	max. voltage
74992	SPST N/O	20A	16V



Buzzer Unit

Dual rate buzzer with fast and slow modes is ideal for automotive applications as a warning chime. 3 pin, 12V buzzer unit sounds at 90 dB at 1 foot. Slow rate is 60 cycles per minute, fast rate is 120 cycles per minute. To connect, apply voltage to power terminal (B+) and apply ground to either slow terminal or fast terminal depending on desired buzzer rate.

part no.	description
74988	3 pin buzzer unit, 12V



Custom Diode Module

Diode blocks can be used to suppress voltage spikes in circuits for sensitive electronic devices to prevent damage. The opposing diode configuration (one input to each diode with a combined output from the diodes) of these blocks allows two different power feeds to supply one circuit without back feed and shorting to each other. Fits 5 to 9 terminal block (73561).

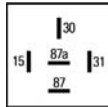
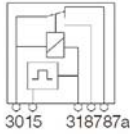
part no.	description
74989	6 diode array



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Time Delay Relays

A time delay relay may be used for event sequencing, instrumentation control, in an alarm circuit or watchdog circuit. Delay on Release relay can be used to power a vehicle's dome lights, which allows passengers and drivers additional time to exit the vehicle. Delay on Operate relay can be used to protect sensitive, critical equipment during system power-up by providing a brief time delay during start-up until the system is fully energized. These relays offer easy access to timing adjustments without having to remove a cover or the relay from the circuit. 12V. Time Delay Range: 0-900 seconds (0-15 minutes). Includes mounting bracket.

DELAY ON RELEASE - Power must be continuously applied to the input terminals of the relay during operation of the relay. The contacts of the relay will transfer to the energized position when an external control switch is closed. The time delay interval is initiated when the external control switch is opened. Once the time delay interval has completed, the contacts of the relay will switch to the deenergized position. If the control switch is re-closed before the time delay period has completed, the contacts of the time delay relay will remain in the energized position and the time delay will restart the next time the control switch is opened.

DELAY ON OPERATE - The time delay period begins when power is applied to the input terminals of the relay. When the time delay has completed, the contacts of the relay will switch to the energized position. The relay contacts will remain in the energized position until power is removed. The contacts of the relay transfer to the unenergized position upon removal of power. The time delay of the relay will reset if power is removed before the delay has completed.

part no.	description
74986	adjustable control time delay relay, delay on release, 12V
74987	adjustable control time delay relay, delay on operate, 12V

Time Delay Relay

The Time-Delay Relay has a solid state timing circuit with a variable resistor, that allows for an adjustable time from 2 seconds to 3 minutes (must remove the cover to reach adjustment screw on base). Voltage range: 8.2 ~ 14.8V DC. Operating temperature range: -40°C to 80°C (-40°F to 176°F).



part no.	description
74985	time delay relay



Mini Weatherproof Relay Connectors

Mini weatherproof relay connectors are available for ISO and 280 Mini relays. Manufactured with 12" leads of red, 12 gauge and black and blue, 18 gauge wire. 86: Black wire, power in. 85: Dark blue wire, ground. 30: Red wire, accessory power. 87/87a: Red wire, switched accessory power. ISO skirted relays will mate with ISO Mini relay connectors. 280 Mini relays will mate with the 280 Mini relay connectors.



part no.	description
73573	ISO mini weatherproof relay connector with 12" leads
73574	280 mini weatherproof relay connector with 12" leads

Pre-made Relay Harnesses

Molded 5-pole socket base. Manufactured with 12", 14 gauge wire leads. Wire: black-power, red-ground, white-switch, blue & green-end device.



part no.	description
73570	relay socket prewired, 14 gauge, can be used with a standard 5 pin relay
73572	socket including standard relay, NC/NO 40/60 amp, 12 volts DC

* 73570 works with any standard 5 pin ISO relay

Build-Your-Own Relay Harnesses

Plug-in base for relay made of impact-resistant material. Utilizing .250" (6.3mm) flat plugs. Terminals are 16-14 gauge. Use our crimping tool 990168 (page 290).



part no.	description
73999	molded base 5-pole (terminals included)
7399920	replacement terminals for molded base (min. 100 pc. qty.)

Hella Micro & Mini Connector Block Kits

All kits include a Hella connector block and the appropriate number and size of Hella relay terminals.

NEW!



part no.	description	pieces
73564	Mini 5-terminal relay connector kit	6

Contents

part no.	description	pieces
73560	Mini 5-terminal connector block bracket mount	1
73592	14-16 Ga., .250" (6.3mm)	5

NEW!



part no.	description	pieces
73565	Mini 5- or 9-terminal relay connector kit	10

Contents

part no.	description	pieces
73561	Mini 5- or 9-terminal connector block bracket mount	1
73592	14-16 Ga., .250" (6.3mm)	5
73593	14-20 Ga., .110"	4

NEW!



part no.	description	pieces
73566	Micro 5-terminal Relay connector Kit	6

Contents

part no.	description	pieces
73562	Micro 5-terminal connector block bracket mount	1
73592	14-16 Ga., .250" (6.3mm)	2
73594	18 Ga., .188"	3



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View the inside catalog cover for Prop 65 Warning.

NEW!



part no.	description	pieces
73567	Hella relay socket 70A connector Kit	5

Contents

part no.	description	pieces
73563	Hella Relay socket 70A connector block	1
73591	6-10 ga., .375"	2
73592	14-16 Ga., .250" (6.3mm)	2



Micro & Mini Relay Socket Bracket Mount Connector Blocks

The sides of the blocks slide together to form a relay panel. The Mini 5 to 9 bracket (73561) will only mate to itself. The Mini 5 bracket (73560) and the Micro 5 bracket (73562) can connect to blocks of the same item number and together.

part no.	description
73560	mini 5-terminal
73561	mini 5- or 9-terminal
73562	micro 5-terminal
73563	mini ISO high current, 70A terminal

▶ new product line extension

NEW!



Hella Relay Terminals

Hella relay terminals mate directly to Hella relay connector blocks or to Hella relays directly.

part no.	gauge	size
73591	6-10	.375", (9.5mm)
73592	14-16	.250", (6.3mm)
73593	14-20	.110", (2.8mm)
73594	18	.188", (4.8mm)

*5 pc order min.



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NEW!



80661

Infinity Box PowerCell Control Unit

The J1939 PowerCell gives you a modular and flexible power distribution unit. It uses solid-state MOSFETs on each output for rugged and durable control. Please call 1-800-654-4757 for more detailed information.

part no.	description
80661	Infinity Box J1939 PowerCell™ control unit

NEW!



80662

Infinity Box inMOTION Control Module

The J1939 inMOTION motor controller gives you a modular and flexible power distribution unit, designed to control outputs that need to change direction. Please call 1-800-654-4757 for more detailed information.

part no.	description
80662	Infinity Box J1939 inMOTION™ cell control module

NEW!



80663

Infinity Box Input/Output Module

The Infinity Box family of modules offers simple J1939 input and output control to any CAN network. The IOX variant has been designed to add switch inputs and low-current outputs to any network. Please call 1-800-654-4757 for more detailed information.

part no.	description
80663	Infinity Box IOX input module with flying leads

NEW!



80665

Infinity Box Wire Harnesses and CAN Connector Kit for PowerCell and inMOTION

Pre-assembled wire harnesses for the Infinity Box PowerCell and inMOTION control modules make installation a breeze! Each PowerCell (80661) requires one PowerCell harness kit (80664) and one CAN connector kit (80666). Please call 1-800-654-4757 for more detailed information.

part no.	description
80664	Infinity Box PowerCell™ input/output harness kit
80665	Infinity Box inMOTION™ input/output harness kit
80666	Infinity Box CAN connector component kit

Solenoid Switches

Solenoid switches carry a current that, when energized, creates a magnetic field which produces a high current and force. The primary advantage of solenoids are that they require a low input while generating a larger output, as in the case of a starter solenoid. Rated for 12 or 24V DC.



67015



67040

INFORMATION

Solenoids are similar to a relay, but unlike regular relays, they are used for heavy-duty applications like a motor on-off control. There are five characteristics to consider when choosing a solenoid: intermittent or continuous, insulated or grounded, voltage, number of studs and material housing.

part no.	description	make/break rating	cont.	stud count
67000	S.P.S.T., intermittent 12V DC	600/200	—	3
67010	S.P.S.T., continuous 12V DC	—	100	4
67015	S.P.S.T., continuous 12V DC	—	100	3
67020	S.P.S.T., continuous 24V DC	—	100	4
67025	S.P.S.T., intermittent 12V DC	750/100	—	3
67035	D.P.D.T., continuous 12V DC	—	85	6
67040*	S.P.D.T., continuous 12V DC	—	100	4
8000370	S.P.S.T., continuous 12V DC	—	200	4

* weatherproof

Cole Hersee
A Littlefuse Brand

NEW!



225A SPST Heavy Service Continuous Duty Solenoid

Cole Hersee 12V plastic solenoid is made of glass-filled nylon construction. For use with heavy vehicles, material handling, hydraulic systems, large DC machinery and electric vehicles. SPST, Normally open contacts. Cycle Life: 25,000 min.

part no.	connection type	number of connections	stud size	temp range	Amps	inrush Amps	voltage
67050	studs	2	10-32	-40°C to 60°C	225A	600A	14V DC



100A SPST Continuous Duty Plastic Solenoids

Cole Hersee 12V plastic solenoids are made of glass-filled nylon construction. These solenoids are light weight, durable and resistant to corrosion. Ideal for starting small engines, including lawn tractors, golf carts and sweepers. SPST, Normally open contacts. Cycle Life: 50,000 min.

part no.	connection type	number of connections	stud size	temp range	Amps	inrush Amps	voltage
67012	quick connects	2	Q.C. blades	-40°C to 60°C	100A	400A	14V DC
67017	studs	2	10-32	-40°C to 60°C	100A	400A	14V DC



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200A SPST Intermittent Duty Plastic Solenoid

Cole Hersee 12V plastic solenoid is made of glass-filled nylon construction. This solenoid is light weight, durable and resistant to corrosion. Ideal for starting small engines, including lawn tractors, golf carts and sweepers. SPST, Normally open contacts. Max ON time 20 secs. Allow at least 40 seconds cooling after max ON time. Cycle Life: 10,000 min.

part no.	connection type	number of connections	stud size	temp range	Amps	inrush Amps	voltage
67045	studs	2	10-32	-40°C to 60°C	200A	300A	14V DC



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DPDT Intermittent Motor Reversing Solenoid

Cole Hersee 12V plastic solenoid is made of glass-filled nylon construction. Two solenoids in one for cost and space savings and simpler wiring. Two integral solenoids provide dynamic breaking for permanent magnet motors, when neither coil is energized. For reversing motors such as hoists, winches, windlasses and snowplow blades. Has dynamic breaking capability. Allow 5 minutes OFF after max ON time. Cycle Life: 10,000 at 5 secs ON, 25 secs OFF.

part no.	connection type	number of connections	stud size	temp range	Amps	max. voltage
67055	quick connects	2	Q.C. blades	-40°C to 60°C	75A	14.5V DC



Forward & Reverse Relay Module

The forward and reverse module automatically reverses the direction of the motor when the appropriate control circuit is energized with a pulse from a control switch. Dynamic breaking stops the motor when the switch returns to Off. High performance silver tin oxide contacts assure long cycle life. Tin-plated brass studs and hardware for corrosion resistance. For intermittent operation, control switch should be momentary (On)-Off-(On); for continuous operation On-Off-On. Vibration resistance: 10-55Hz. Double amplitude 1.5mm. Fully sealed to IP67 with high strength epoxy for total moisture protection. Ideal for tarp or lift applications as well as for use on hoists, hatches, winches, snowplows, intake/exhaust fans, vehicle outriggers and other reversing applications.

part no.	connection type	intermittent	continuous	temp range	Amps	inrush Amps	max. pull in voltage
67060	studs	70A at 12V DC max on time 5 mins; off time 3 mins	50A at 12V DC	-40°C to 85°C	70A	150A	7.8V

part no.	description
67061	cover



m-LVD Low Voltage Disconnect

Senses low voltage and disconnects non-critical loads to save power for engine starting. Includes Remote Control Switch. Intermittent Rating: 5 minutes, 115A. Remote Control Switch: (On)-Off-(On). Meets ISO 8846 and SAE J1171 external ignition protection requirements.

part no.	voltage	continuous rating	coil function	terminal stud	disconnect voltage	reconnect voltage	cable size
75980	12V DC	65A DC	normally open	¼"-20 (M6)	11.3V-12.1V	13V DC	6 AWG (16mm ²)



Scan for pricing or go to www.delcity.net/catalogpricing



m-ACR Automatic Charging Relay w/Optional Start Isolation

Blue Sea Systems m-ACR Automatic Charging Relay w/Optional Start Isolation automatically combines batteries during charging, isolates batteries when discharging and starting engines. Senses charging on two battery banks, case design allows surface, rear or front panel mounting options. Integrated LED indicates ACR states. CE Marked, ISO 8846. Meets SAE J1171 external ignition protection requirements. IP67 - protected against immersion up to 1 meter for 30 minutes.

part no.	voltage	continuous rating	coil function	terminal stud	operating current	terminal stud	max cable size
75981	12V/24V DC	65A DC	normally open	¼"-20 (M6)	90mA. (Open)	1/4" 20(M6)	1/0 AWG (50mm ²)



View the inside catalog cover for Prop 65 Warning.



BatteryLink™ ACR Automatic Charging Relay w/Optional Auxiliary Battery Priority

Automatically shares single source of charge with Auxiliary Battery. Senses charging on two battery banks. Side and bottom knockouts for cable connections. Studs accept multiple cable terminals. One-piece stainless flange nuts ensure safe and secure connections. Integrated LED indicates ACR status. Quick connect terminals for ground and optional features. CE marked, ISO 8846. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP67 - protected against immersion up to 1 meter for 30 minutes.

part no.	voltage	continuous rating	coil function	terminal stud	amperage	max. battery	max cable size
75982	12V/24V DC	120A DC	normally open	⅜"-16 (M10)	15mA. (open)	850 CCA	1/0 AWG (50mm ²)



SI-ACR Automatic Charging Relay w/Optional Start Isolation

Automatically combines batteries during charging, isolates batteries when discharging and when starting engines. Senses charging on two battery banks, side and bottom knockouts for cable connections. CE marked, ISO 8846. Meets UL 1500 and SAE J1171 external ignition protection requirements. IP67 - protected against immersion up to 1 meter for 30 minutes.

part no.	voltage	continuous rating	coil function	terminal stud	amperage	max. battery	cable size
75983	12V/24V DC	120A DC	normally open	⅜"-16 (M10)	15mA. (open)	850 CCA	1/0 AWG (50mm ²)



ML-Series Automatic Charging Relays

Offer a 500 Amp magnetic latching (bi-stable) relay that automatically combines batteries during charging and isolates batteries when discharging and starting engine. ML-Coil Function: Bi-Stable. Amperage Operating Current-continuous: < 13mA. CE marked, meets ISO 8846 and SAE J1171 external ignition protection requirements. IP66 - protected against powerful water jets.

part no.	amp	coil volts	manual control	terminal stud	stud length	live current switching
75984	500	12V DC	no	⅜"-16	7/8" (22mm)	300A@12V DC
75985	500	12V DC	yes	⅜"-16	7/8" (22mm)	300A@12V DC
75986	500	24V DC	no	⅜"-16	7/8" (22mm)	300A@12V DC
75987	500	24V DC	yes	⅜"-16	7/8" (22mm)	300A@12V DC
75988	500	—	paralleling link bus	⅜"-16	7/8" (22mm)	300A@12V DC



Distribution Blocks



8-Point Power Distribution Block
 Base material is glass filled nylon. Mounting is 2.5" center-to-center. Rated to 48V DC 160 amps max., 20A per circuit.

part no.	input stud	output stud
70008	3/8"	#8-21



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8-Point PowerPost Plus Cable Connectors
 Insulator included. Continuous Rating: 150A DC. Voltage Max. Operating: 48V DC. Mounting Holes: Accepts 1/4" Screws. Bus Material: Tin-Plated Copper C11000. Base Material: Glass Reinforced Nylon. CE.

part no.	terminal screw	terminal stud
80564	1/4"-20 x 1"	8 x #8-32
80565	5/16"-18 x 3/4"	8 x #8-32



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Dual PowerPost Plus Cable Connectors With Insulator
 Insulators included. Continuous Rating: Not rated - amperage flows between terminals stacked on post and is determined by wire and terminals used. Voltage Max. Operating: 48V DC. Base Material: Glass Reinforced Thermoplastic. Mounting Holes: Accepts #10 (M5) Screws.

part no.	terminal screw
80566	5/16"
80567	3/8"
80568	3/8" & 5/16"

80002DL



80000DL

Screw Type Power Distribution Blocks

The small footprints of the single and dual blocks make them ideal for tight areas. Both feature recessed mounting holes for a flush, clean look and tin plated hardware (lock washer and nut) for added durability and corrosion resistance.

part no.	distribution	color	stud size
80000DL	single	red	1/4" (6mm)
80001DL	single	black	1/4" (6mm)
80002DL	dual	black	1/4" (6mm)
80004DL	single	black	5/16" (8mm)

part no.	distribution	color	stud size
80006DL	single	red	3/8" (10mm)
80007DL	single	black	3/8" (10mm)
80008DL	dual	black	3/8" (10mm)



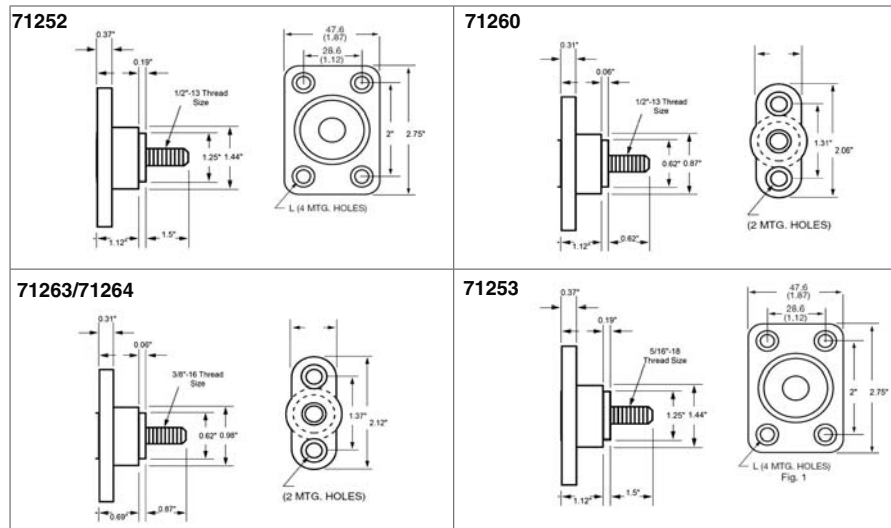
Single Stand Alone Junction Blocks

Single stud stand alone distribution blocks provide heavy-duty ground or power connection points in AC or DC circuits. Available in surface mounts.



71260

71253



part no.	stud size	color	amp
71252	1/2"	black	400
71260	1/2"	black	400
70007	1/2"	black	400

part no.	stud size	color	amp
71253	5/16"	black	200
71263	3/8"	black	250
71264	3/8"	red	250



Single Stud-Type Junction Blocks

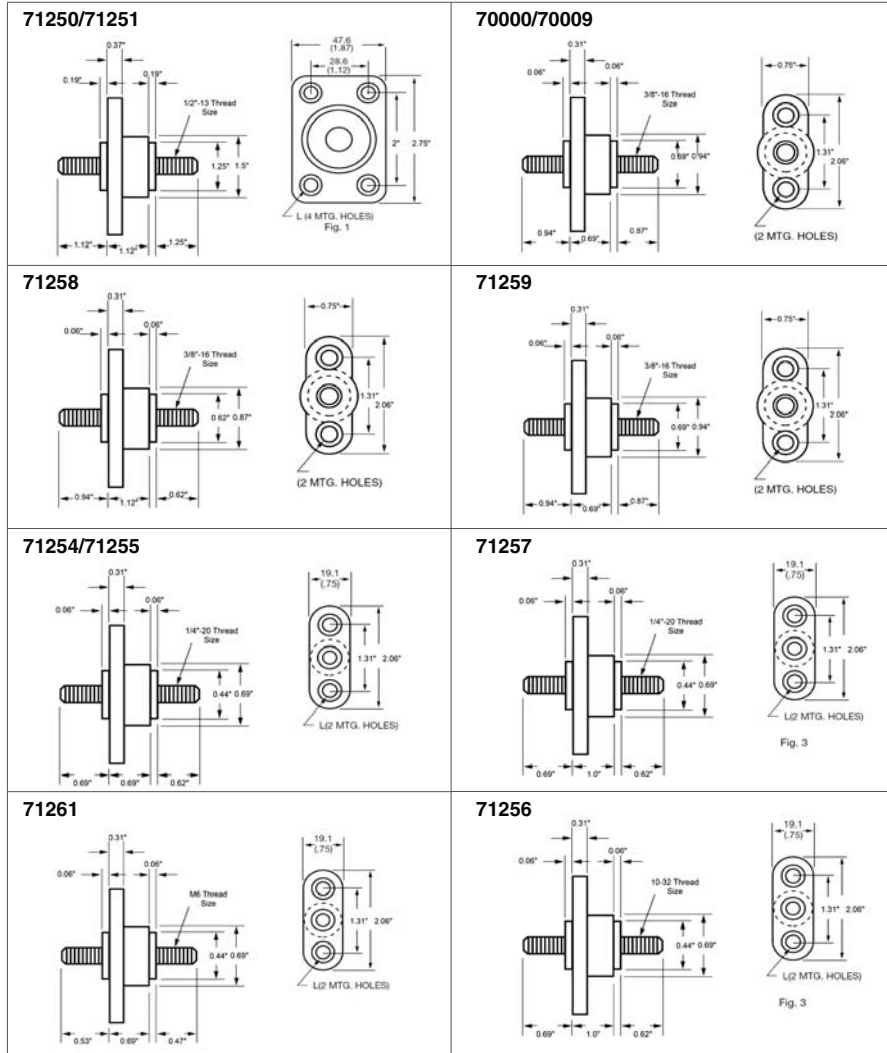
Single stud, feed-through panel mount distribution blocks provide heavy-duty ground or power connection points in AC or DC circuits. Available in feed-through panel mounts. Dimensions and amps vary by item.



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part no.	stud size	color	amp
71250	1/2"	red	400
71251	1/2"	black	400
70000	3/8"	black	250
70009	3/8"	red	250
71258	3/8"	black	250
71259	3/8"	red	250

part no.	stud size	color	amp
71254	1/4"	black	100
71255	1/4"	red	100
71257	1/4"	black	100
71261	M6	black	100
71256	#10	black	50



Pass Through Distribution Blocks

Allow one ground or power device to meet multiple ground/power requirements in both the cab and engine compartment of your vehicle. A gasket is included for ingress protection. RoHS.



80501

part no.	color	amp
80501	black	200
80502	red	200



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Multiple Stud Terminal Block - Yellow Zinc Plated Brass Stud

Stud terminal blocks provide the ability to join positive or negative, AC or DC connections and are rated up to 30 amps. Each circuit is independent or non-bussed. Rating: 30A, 300V UL. 30A, 600V CSA. Material: Black Thermoplastic with Yellow Zinc-Plated Brass Studs. Termination: #10-32 Threaded Studs on .625" Centers. Torque Rating: 25 in-lbs (2.8Nm) Max. Mounting Torque Rating: 24 in-lbs (2.7Nm) Max. UL/CSA, CE Certified. Temperature Rating: 120°C (250°F).



70015

part no.	no. of studs	part no.	no. of studs
70015	2	70004	10
70001	4	70005	12
70002	6	70006	14
70003	8		



Multiple Stud Terminal Block - Zinc-Plated Steel Stud

Stud terminal blocks provide the ability to join positive or negative, AC or DC connections and are rated up to 30 amps. Each circuit is independent or non-bussed. Rating: 30A, 600V. Material: Black Thermoplastic with Zinc-Plated Steel Studs. Termination: #10-24 Threaded Studs on .750" Centers. Torque Rating: 25 in-lbs (2.8Nm) Max. Mounting Torque Rating: 24 in-lbs (2.7Nm) Max. UL/CSA, CE Certified. Temperature Rating: 120°C (250°F).



71232

part no.	no. of studs	part no.	no. of studs
71232	2	71240	10
71234	4	71242	12
71236	6	71244	14
71238	8		



Stud Type Junction Box

Molded cover and housing designed to be corrosion resistant. Mounting holes are 7/8" center-to-center. Five open, five closed grommets and necessary hardware included.

part no.	amps	stud size	no. of studs
73800	30A	#10-32	7

Screw Type Terminal Blocks

These individual gang/non bussed terminal blocks provide a common area to neatly connect multiple wire connections. Each barrier is spaced .41" to provide protection to the #8 screw mounting areas. Each mounting area is spaced .563" center-to-center. Block accepts wire ranges from #10 - 22ga. Temperature rating of -40°C to 130°C (-40°F to 260°F). Rated 30A @ 600V. UL and CSA.



70016

part no.	gang	part no.	gang
70013	2	70018	8
70014	4	70020	10
70016	6	70022	12



Blue Sea Systems 65A Terminal Blocks

Closed back design completely insulates power from the mounting surface. Terminal block jumpers are made of nickel-plated brass and have a continuous amperage of 65A, same as the block. 2 to 10 circuits. Maximum Voltage: 600V AC/DC. Continuous Rating: 65A. Base Material: Phenolic. Bus Material: Nickel-Plated Brass. Screw Size: #10.



80542

part no.	gang	part no.	gang
80542	2	80545	8
80543	4	80546	10
80544	6	80547	terminal block jumper

Bus Bars



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80521

Battery Terminal Mount Bus Bar

Easily add positive and negative bus bars directly to a threaded-post battery terminal. Tin-plated pure electrical copper for maximum conductivity. Insulating covers meet ABYC/USCG insulation requirements. Screw terminals for securing wires. Includes four 16-14 AWG and four 12-10 AWG Nylon insulated ring terminals. Continuous Rating: 100A DC. Voltage Max. Operating: 32V DC. Bus Material: Tin-Plated Copper C11000. Mounting Thru-Hole: 3/8" (M10) Stud. Screw Terminal: #8-32 screws with captive star lock washer.

part no.	description	input stud	output stud
80521	battery terminal mount bus bar, pos & neg, 100A	3/8"	#8



6-way Bus Bar

Distribute power from a single location. Insulated mounting bases have recessed mounting holes to prevent accidental shorts on aluminum surfaces. Two 1/4" studs, nuts and lock washers allow for input with 6 output #8 stud Phillips® screws. A black cover is included for added protection. Rated for 100A @ 48V DC.

part no.	description	input stud	output stud
80500DL	6-way bus bar w/cover, 100A DC	1/4"	#8



80515

100A MiniBus Common Bus Bars

Provide consistent busing for limited space applications. Terminal screws incorporate stainless steel split ring lock washers and captive star-type lock washers keep connections tight in high vibration environments. Continuous Rating: 100A AC/DC except for 80519 (DC only). Voltage Max. Operating: 300V AC/48V DC. Mounting Holes: Accepts #10 (M5) screws except for 80519 (accepts #8). Base Material: UL 94-V0 (Except 80519). Bus Material: Tin-Plated Copper C11000. CE.

part no.	description	terminal screw	terminal stud
80515	5-way common bus bar, 100A	5 x #8-32	2 x #10-32
80516	5-way common bus bar with cover, 100A	5 x #8-32	2 x #10-32
80517	4-way common bus bar, 100A		4 x #10-32
80518	4-way common bus bar with cover, 100A		4 x #10-32
80519	6-way common bus bar, 100A	6 x #8-32	
80520	bus bar cover for 80515 and 80517		



80522

100A Dual Bus Common Bus Bars

Combine two buses on one block. Combine negative and positive buses for DC systems and neutral and ground buses for AC systems. Closed back design completely insulates power from the mounting surface. Terminal screws incorporate stainless steel split ring lock washers and captive star-type lock washers keep connections tight in high vibration environments. Continuous Rating: 100A AC/DC. Voltage Max. Operating: 300V AC/48V DC. Bus Material: Tin-Plated Copper C11000. Base Material: ABS. CE.

part no.	description	terminal screw	mounting holes
80522	5-way per bus, dual bus bar, 100A	5 per bus x #8-32	accept #10 (M5)
80524	dual bus bar cover for 80522		
80523	10-way per bus, dual bus bar, 100A	10 per bus x #8-32	accept #10 (M5)
80525	dual bus bar cover for 80523		



80526

150A Common Bus Bars

Consolidate multiple wires or feed multiple circuits. Terminal screws incorporate stainless steel split ring lock washers and captive star-type lock washers keep connections tight in high vibration environments. Continuous Rating: 130A AC/150A DC. Voltage Max. Operating: 300V AC/48V DC. Mounting Holes: Accept #10 (M5) screws. Bus Material: Tin-Plated Copper C11000. CE.

part no.	description	terminal screw	terminal stud
80526	10-way common bus bar, 150A	10 x #8-32	2 x 1/4"-20
80527	10-way common bus bar with cover, 150A	10 x #8-32	2 x 1/4"-20
80528	20-way common bus bar, 150A	20 x #8-32	2 x 1/4"-20
80529	20-way common bus bar with cover, 150A	20 x #8-32	2 x 1/4"-20
80530	4-way common bus bar, 150A	—	4 x 1/4"-20
80531	4-way common bus bar with cover, 150A	—	4 x 1/4"-20
80532	bus bar cover for 80526 & 80530	—	—
80533	bus bar cover for 80528	—	—



80534

150A DualBus Plus Bus Bars

Combines negative and positive buses on one block. Secure, clear polycarbonate cover snaps on easily to meet ABYC insulation requirements. Continuous Rating: 130A AC/150A DC. Voltage Max. Operating: 300V AC/48V DC. Base Material: Polycarbonate. Mounting Holes: Accept #10 (M5) screws. Bus Material: Tin-Plated Copper C11000.

part no.	description	terminal screw	terminal stud
80534	5-way per bus, dual bus bar with cover 150A	5 per bus x #10-32	2 per bus x 1/4"-20
80535	5-way per bus, dual bus bar with cover 150A	5 per bus x #10-32	2 per bus x 5/16"-18



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80536

250A MaxiBus Common Bus Bars

Insulating cover meets ABYC insulation requirements. One-piece serrated flange nuts ensure correct and secure connections. Tin plated copper buses provide maximum conductivity and corrosion resistance. Insert-molded stainless steel studs eliminate the need for securing nuts and allow high torquing for excellent electrical contact. Raised bus provides easy access to multiple wires on a single screw or stud. Continuous Rating: 250A AC/250A DC. Voltage Max. Operating: 300V AC/48V DC. Bus Material: Tin-Plated Copper C11000. CE.

part no.	description	terminal screw	terminal stud
80536	12-way maxi bus bar, 250A	12 x #10-24	2 x 5/16"-18
80537	6-way maxi bus bar, 250A	—	6 x 5/16"-18
80538	maxi bus bar cover for 80536 & 80537	—	—
80539	4-way maxi bus bar, 250A	—	4 x 5/16"-18
80540	6-way maxi bus bar, 250A	6 x #10-24	2 x 5/16"-18
80541	maxi bus bar cover for 80539 & 80540	—	—



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80555

600A PowerBar Common Bus Bars

Consolidate battery cables into one low-resistance connection. Highest amperage bus bar with 3/8" terminal studs. Continuous Rating: 545A AC/600A DC. Voltage Max. Operating: 300V AC/48V DC. Base Material: Reinforced Polycarbonate. Bus Material: Tin-Plated Copper C11000. CE.

part no.	description	terminal screw	terminal stud
80555	4-way powerbar bus bar, 600A	4 x #8-32	4 x 3/8"-16
80556	8-way powerbar bus bar, 600A	4 x #8-32	8 x 3/8"-16
80557	powerbar bus bar cover for 80555	—	—



80558

200A PowerBar Common Bus Bars

Provides compact high-amp busing with 3/8" terminal studs. Continuous Rating: up to 200A. Voltage Max. Operating: 48V DC. Mounting Holes: Accepts #10 (M5) Screws. Bus Material: Tin-Plated Copper C11000. CE.

part no.	description	terminal stud
80558	dual bus bar, 3/8" with insulators, 200A	4 x 3/8"-16
80559	dual bus bar, 3/8", 200A	8 x 3/8"-16



80560

1000A PowerBar Common Bus Bar

A stepped bus design offers two elevations for conductors which doubles the density of the wire loom compared to traditional bus bars. Bus bar and fuse block elevations match common fuse blocks allowing for multiple fuse block attachment. Bus bar may be cut to a shorter length to accommodate constricted spaces. Bi-directional bus bar end caps allow the ganging of additional bus bars. Snap on insulating cover meets ABYC and USCG requirements and includes label recess. Models available to accommodate either 3/8" or 5/16" terminals. Continuous Rating: 1000A. Max. Operating Voltage: 150V AC/DC. Mounting Holes: Accepts #10 (M5) screws. Bus Material: Tin-Plated Copper C11000.

part no.	description	terminal screw	terminal stud
80560	8-way 3/8", powerbar with cover, 1000A	5 x #10-24, 11 x #8-32	8 x 3/8"-8
80561	12-way 3/8", powerbar with cover, 1000A	5 x #10-24, 11 x #8-32	12 x 3/8"-12
80562	8-way 5/16", powerbar with cover, 1000A	5 x #10-24, 11 x #8-32	8 x 5/16"-8
80563	12-way 5/16", powerbar with cover, 1000A	5 x #10-24, 11 x #8-32	12 x 5/16"-12



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Power Distribution Block – Single 1 to 4 Screw Connect

Provides a convenient location to distribute power to multiple accessory loads. 1-pole connection, with two isolated inputs and four outputs. Line connection: input - (1X) 2/0-#14CU/#8AL screw connections, load connection: output (X4) #4-#14CU/#8AL screw connections. Rated up to 175A @ 600V AC. UL/CSA.



part no.	description
79435	1-way power distribution block



Power Distribution Block – Dual 1 to 6 Screw Connect

Provides a convenient location to distribute power to multiple accessory loads. 2-pole connection, with two isolated inputs and (6) six outputs. Line connection: input - (1X) 2/0-#14CU/#8AL screw connections, load connection: output (X6) #4-#14CU/#8AL screw connections. Rated up to 175A @ 600V AC. UL/CSA.



part no.	description
79445	2-way power distribution block



Power Distribution Block – Dual 1 to 4 .250" Quick-Connect

2-pole connection, with two isolated inputs and four outputs. Line connection: input - (1X) 2/0-#14CU/#8AL screw connections, load connection: output (X4) .250" quick-connect male terminal connections. Rated up to 70A @ 600V AC. UL/CSA.



part no.	description
79425	power distribution block – .250" quick-connect

Specialty Flasher Units

73970 alternates flashing lamps on light, fog, deck and grill lamps. The LED flasher unit is designed to work with low draw lamps and will not cause rapid flashing.

X=output; L=load; - =Ground



part no.	description
73970	three pin, 12V alternating flasher unit
73975	two pin, LED flasher unit

Thermal Flashers

Fits most American cars, light trucks and vans, and meet DOT standards. Input lead must be fused at 15A.



part no.	description
73920	two pin, 12V (552 type)
73930	three pin, 12V (550 type)

Electro-mechanical Flashers

Last up to 10 times longer than thermal flashers. Variable load-flashes 1 to 10 signaling lamps and 2 indicator lamps. Flash rate will not slow down when towing a trailer. Precious metal contacts. Unique audible click. Input lead must be fused at 25 amps. Meet FMSVSS108-SAE J590b J945.



part no.	description
73940	two pin, 12V
73950	three pin, 12V

All AutoMeter Gauges include bulb and socket assemblies with red and green bulb covers and mounting hardware for installation.



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4002620

AutoMeter Z-Series Air Pressure Gauge

Includes 1/8" NPT connections and nylon tubing for installation.

part no.	description	size	type	face/bezel color
4002620	0-150psi	2-1/16"	mechanical	black/black



4002644

AutoMeter Z-Series Ammeter

For classic vehicles running an alternator with a 30 amp output or less. Installation requires the use of a 10 gauge wire or larger for safe operation.

part no.	description	size	type	face/bezel color
4002644	60A	2-1/16"	electric air core	black/black



4002614

AutoMeter Z-Series Boost-Vacuum Gauge

A simple 1/8" NPT pressure connection requires no electrical hookup for operation. Includes 1/8" NPT fittings and nylon line kit.

part no.	description	size	type	face/bezel color
4002614	30inHg-30psi	2-1/16"	mechanical	black/black



4002643

AutoMeter Z-Series Fuel Level Gauges

Available in 73-10 ohm (pre 90's Ford and Chrysler) and 240-33 ohm (aftermarket senders such as the AutoMeter 3262).

part no.	description	size	type	face/bezel color
4002643	240-33 ohms	2-1/16"	electric air core	black/black
4002642	73-10 ohms	2-1/16"	electric air core	black/black



4002661

AutoMeter Z-Series Fuel Pressure Gauges

Designed for fuel injected or carbureted applications, the advanced 1/8" NPT solid state pressure transducers provide the best possible measurements with unparalleled resistance to vibration and heat. A direct plug in wiring harness is included for ease of installation and data logging is available thanks to a .5 - 4.5v analog output. Includes 8ft. wiring harness and 1/8" NPT sender.

part no.	description	size	type	face/bezel color
4002661	15psi	2-1/16"	digital stepper motor	black/black
4002663	100psi	2-1/16"	digital stepper motor	black/black



4002604

AutoMeter Z-Series Oil Pressure Gauges

Includes a 1/8" NPT to 1/4" NPT adapter/fitting. Product 4002604 also includes 10 ft. nylon tubing and both male and female 1/8" NPT compression fittings. Product 4002634 also includes a 1/8" NPT Sender.

part no.	description	size	type	face/bezel color
4002604	100psi	2-1/16"	mechanical	black/black
4002634	100psi	2-1/16"	electric air core	black/black



4002609

AutoMeter Z-Series Oil Temperature Gauge

Includes 6ft. capillary tubing and 1/2" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4002609	140-280F	2-1/16"	mechanical	black/black



4002654

AutoMeter Z-Series Pyrometer

The included Type K thermocouple assures maximum accuracy and minimum response time. Also includes wiring harness and 1/2" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4002654	0-1600F	2-1/16"	digital stepper motor	black/black



4002694

AutoMeter Z-Series Speedometers

part no.	description	size	type	face/bezel color
4002694	160mph	3-3/8"	mechanical	black/black
4002688	160mph	3-3/8"	electric air core	black/black



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4002699



4002640



4002645



4002635



4005720



4005703



4005705



4005716



4005761



4005721

AutoMeter Z-Series Tachometers

part no.	description	size	type	face/bezel color
4002699	8k RPM	3-3/8"	electric air core	black/black
4002894	8k RPM	3-3/8"	electric air core	black/black

AutoMeter Z-Series Transmission Temperature Gauge

Includes 1/8" NPT Sender and both a 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4002640	100-250F	2-1/16"	electric air core	black/black

AutoMeter Z-Series Voltmeter

part no.	description	size	type	face/bezel color
4002645	8-18V	2-1/16"	electric air core	black/black

AutoMeter Z-Series Water Temperature Gauge

Advanced 1/8" NPT temperature transducer is included for a simple installation on any application. Includes a 1/8" NPT Sender and both 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4002635	100-250F	2-1/16"	electric air core	black/black

AutoMeter Phantom Air Pressure Gauge

Includes 10 ft. nylon tubing, male and female 1/8" NPT compression fittings, and a 1/8" NPT to 1/4" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4005720	150psi	2-1/16"	mechanical	white/black

AutoMeter Phantom Boost-Vacuum Gauge

A 1/8" NPT pressure connection requires no electrical hookup for operation. Includes 10 ft. nylon tubing, male and female 1/8" NPT compression fittings, a 1/8" NPT to 1/4" NPT bushing, and a T-Fitting.

part no.	description	size	type	face/bezel color
4005703	30inHg-30psi	2-1/16"	mechanical	white/black

AutoMeter Phantom Boost Gauge

A 1/8" NPT pressure connection requires no electrical hookup for operation. Includes 10 ft. nylon tubing, male and female 1/8" NPT compression fittings, and 1/8" NPT to 1/4" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4005705	60psi	2-1/16"	mechanical	white/black

AutoMeter Phantom Fuel Level Gauges

Available in 73-10 ohm (pre 90's Ford and Chrysler) and 240-33 ohm (aftermarket senders such as the AutoMeter 3262).

part no.	description	size	type	face/bezel color
4005716	240-33 Ohms	2-1/16"	electric air core	white/black
4005714	0-90 Ohms	2-1/16"	electric air core	white/black
4005715	73-10 Ohms	2-1/16"	electric air core	white/black

AutoMeter Phantom Fuel Pressure Gauges

Designed for fuel injected or carbureted applications, the advanced 1/8" NPT solid state pressure transducers provide the best possible measurements with unparalleled resistance to vibration and heat. A direct plug in wiring harness is included for ease of installation and data logging is available to a .5 - 4.5v analog output. Includes an 8ft. wiring harness and 1/8" NPT Sender.

part no.	description	size	type	face/bezel color
4005761	15psi	2-1/16"	digital stepper motor	white/black
4005763	100psi	2-1/16"	digital stepper motor	white/black

AutoMeter Phantom Oil Pressure Gauges

Includes 1/8" NPT to 1/4" NPT adapter/fitting. Product 4005721 also includes 10 ft. nylon tubing and both male and female 1/8" NPT compression fittings. Product 4005727 also includes a 1/8" NPT Sender.

part no.	description	size	type	face/bezel color
4005721	100psi	2-1/16"	mechanical	white/black
4005727	100psi	2-1/16"	electric air core	white/black



4005747

AutoMeter Phantom Oil Temperature Gauge

Includes a 1/8" NPT Sender and both 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4005747	100-250F	2-1/16"	electric air core	white/black



4005744

AutoMeter Phantom Pyrometer

The included Type K thermocouple assures maximum accuracy and minimum response time.

part no.	description	size	type	face/bezel color
4005744	1600F	2-1/16"	digital stepper motor	white/black



4005893

AutoMeter Phantom Speedometers

part no.	description	size	type	face/bezel color
4005893	160mph	3-3/8"	mechanical	white/black
4005888	160mph	3-3/8"	electric air core	white/black



4005897

AutoMeter Phantom Tachometer

part no.	description	size	type	face/bezel color
4005897	10k RPM	3-3/8"	electric air core	white/black



4005757

AutoMeter Phantom Transmission Temperature

Includes a 1/8" NPT Sender and both 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4005757	100-250F	2-1/16"	electric air core	white/black



4005791

AutoMeter Phantom Voltmeter

part no.	description	size	type	face/bezel color
4005791	8-18V	2-1/16"	electric air core	white/black



4005737

AutoMeter Phantom Water Temperature Gauges

Advanced 1/8" NPT temperature transducer is included for a simple installation on any application. Includes a 1/8" NPT Sender and both 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4005737	100-250F	2-1/16"	electric air core	white/black



AutoMeter Ultra-Lite Air Pressure Gauge

Includes 10 ft. nylon tubing, male and female 1/8" NPT compression fittings, and 1/8" NPT to 1/4" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4004320	150psi	2-1/16"	mechanical	silver/silver



4004303

AutoMeter Ultra-Lite Boost-Vacuum Gauge

Includes 10 ft. nylon tubing and a T-Fitting.

part no.	description	size	type	face/bezel color
4004303	30inHg-30psi	2-1/16"	mechanical	silver/silver



4004304

AutoMeter Ultra-Lite Boost Gauges

A 1/8" NPT pressure connection requires no electrical hookup for operation. Includes 10 ft. nylon tubing, male and female 1/8" NPT compression fittings, and 1/8" NPT to 1/4" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4004304	35psi	2-1/16"	mechanical	silver/silver
4004305	60psi	2-1/16"	mechanical	silver/silver



4004316

AutoMeter Ultra-Lite Fuel Level Gauges

Available in 0-90 ohm (GM mid 60's to mid 90's), 73-10 ohm (pre 90's Ford and Chrysler), and 240-33 ohm (aftermarket senders such as the AutoMeter 3262).

part no.	description	size	type	face/bezel color
4004316	240-33 Ohms	2-1/16"	electric air core	silver/silver
4004314	0-90 Ohms	2-1/16"	electric air core	silver/silver
4004315	73-10 Ohms	2-1/16"	electric air core	silver/silver



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4004367

AutoMeter Ultra-Lite Fuel Pressure Gauges

Designed for fuel injected or carbureted applications, the advanced 1/8" NPT solid state pressure transducers provide the best possible measurements with unparalleled resistance to vibration and heat. A direct plug in wiring harness is included for ease of installation and data logging is available to a .5 - 4.5v analog output. Includes an 8ft. wiring harness and a 1/8" NPT Sender.

part no.	description	size	type	face/bezel color
4004367	15psi	2-1/16"	digital stepper motor	silver/silver
4004371	100psi	2-1/16"	digital stepper motor	silver/silver



4004321

AutoMeter Ultra-Lite Oil Pressure Gauges

Includes 1/8" NPT to 1/4" NPT adapter/fitting. Products 4004321 and 4004421 also include 10 ft. nylon tubing and both male and female 1/8" NPT compression fittings. Product 4004327 also includes a 1/8" NPT Sender.

part no.	description	size	type	face/bezel color
4004321	100psi	2-1/16"	mechanical	silver/silver
4004421	100psi	2-5/8"	mechanical	silver/silver
4004327	100psi	2-1/16"	electric air core	silver/silver



4004347

AutoMeter Ultra-Lite Oil Temperature Gauge

Includes an 1/8" NPT Sender and 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4004347	100-250F	2-1/16"	electric air core	silver/silver



4004344

AutoMeter Ultra-Lite Pyrometer

The included Type K thermocouple assures maximum accuracy and minimum response time. Includes wiring harness.

part no.	description	size	type	face/bezel color
4004344	1600F	2-1/16"	digital stepper motor	silver/silver



4004493

AutoMeter Ultra-Lite Speedometers

part no.	description	size	type	face/bezel color
4004493	160mph	3-3/8"	mechanical	silver/silver
4004488	160mph	3-3/8"	electric air core	silver/silver



4004497

AutoMeter Ultra-Lite Tachometer

part no.	description	size	type	face/bezel color
4004497	10k RPM	3-3/8"	electric air core	silver/silver



4004357

AutoMeter Ultra-Lite Transmission Temperature Gauge

Includes an 1/8" NPT Sender and 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4004357	100-250F	2-1/16"	electric air core	silver/silver



4004391

AutoMeter Ultra-Lite Voltmeter

part no.	description	size	type	face/bezel color
4004391	8-18V	2-1/16"	electric air core	silver/silver
4004491	8-18V	2-5/8"	electric air core	silver/silver



4004337

AutoMeter Ultra-Lite Water Temperature Gauges

Advanced 1/8" NPT temperature transducer is included for a simple installation on any application. Includes a 1/8" NPT Sender and an 3/8" NPT and 1/2" NPT adapter/fittings.

part no.	description	size	type	face/bezel color
4004337	100-250F	2-1/16"	electric air core	silver/silver
4004437	100-250F	2-5/8"	electric air core	silver/silver



4002345

AutoMeter Auto Gauge Two Gauge Consoles

Include both oil pressure and water temperature gauges. Also include 10 ft. nylon tubing, 6 ft. capillary tubes, 1/8" NPT Male to 1/8" compression fittings, 1/8" NPT Female to 1/8" compression fittings, 1/8" NPT to 1/4" NPT bushings, and both 3/8" NPT and 1/2" NPT adapter fittings.

part no.	description	size	sweep	type	face/bezel color
4002345	100psi/130-280F	2-1/16"	short	mechanical	black/black
4002392	100psi/130-280F	2-1/16"	full	mechanical	black/black



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4002391

AutoMeter Auto Gauge Three Gauge Consoles

Include oil pressure gauges, voltmeters, and water temperature gauges. All products include 3/8" NPT and 1/2" NPT adapter fittings. Product 4002391 also includes an oil sender and water sender. Products 4002349 and 4002399 also include 10 ft. nylon tubing, 6 ft. capillary tube, male and female 1/8" NPT to 1/8" compression fitting, and 1/8" NPT to 1/4" NPT bushing.

part no.	description	size	type	face/bezel color
4002391	100psi/0-18V/100-280F	1-1/2"	electric air core	black/black
4002349	100psi/10-16V/130-280F	2"	mechanical*	black/chrome
4002399	100psi/10-16V/130-280F	2-5/8"	mechanical*	black/chrome

*voltmeter in console is electric



4002310

AutoMeter Auto Gauge Boost-Vacuum Gauge

Snap-on chrome bezel. Includes 10 ft. nylon tubing, 1/8" NPT Male to 1/8" compression fitting, 1/8" NPT female to 1/8" compression fitting, a 1/8" NPT to 1/4" NPT bushing, and a T-Fitting.

part no.	description	size	type	face/bezel color
4002310	30inHg-20psi	2-5/8"	mechanical	black/chrome



4002354

AutoMeter Auto Gauge Oil Pressure Gauge

Includes both 3/8" NPT and 1/2" NPT adapter fittings.

part no.	description	size	type	face/bezel color
4002354	100psi	1-1/2"	electric air core	black/black



4002334

AutoMeter Auto Gauge Pressure Gauge

Includes 10 ft. nylon tubing, both male and female 1/8" NPT compression fittings, and 1/8" NPT to 1/4" NPT adapter/fitting.

part no.	description	size	type	face/bezel color
4002334	100psi	2-1/16"	mechanical	silver/silver



4002300

AutoMeter Auto Gauge Tachometer

part no.	description	size	type	face/bezel color
4002300	8k RPM	3-3/4"	electric air core	black/black



4002356

AutoMeter Auto Gauge Voltmeters

part no.	description	size	type	face/bezel color
4002356	8-18V	1-1/2"	electric air core	black/black
4002362	10-16V	2-1/16"	electric air core	black/black
4002380	8-18V	2-1/16"	electric air core	silver/silver



4002335

AutoMeter Auto Gauge Water Temperature Gauges

Includes 3/8" and 1/2" NPT adapter/fittings. Product 4002335 also includes 6ft. capillary tubing.

part no.	description	size	sweep	type	face/bezel color
4002335	140-280F	2-1/16"	mechanical	silver/silver	black/black
4002355	100-280F	1-1/2"	electric air core	black/black	black/black



4002343

AutoMeter Auto Gauge Tire Pressure Gauge

Hand held gauge retains the last measurement until the pressure is released. The product measures to a 3.5% full-scale accuracy and uses a mechanical pressure release valve.

part no.	description	size	type	face/bezel color
4002343	60psi	2-1/16"	mechanical	white/chrome

AutoMeter Gauge Accessories



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4009105

AutoMeter Ecometer

Connects to your vehicle's OBDII port and allows for instantaneous monitoring of the exact fuel economy of your vehicle. (Compatible with most gasoline OBDII equipped vehicles from 1996 to present). Helps you improve your driving habits to increase your fuel efficiency, reduce your fuel costs, and realize savings of up to 30% with only minor changes in driving habit. Includes a 5ft. Wiring Harness with 1 wire installation which easily plugs into the OBDII port. Displays RPM, speed, instant MPG, and average MPG. Hardware is included.

part no.	description	size	sweep	type	face/bezel color
4009105	1.0-99.9 MPG	2-1/16"	digital	black/black	black/black



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AutoMeter Fuel Level Sensor

For use with 240 Ohm empty to 33 Ohm fuel gauge models. Adjustable for 5" - 24" deep tanks, and fits standard 5-bolt mounting flanges. Hardware is included.

part no.	description	ohms	actuation
4003262	fuel level sensor, AutoMeter 3262	240-33	swing-arm



AutoMeter Oil Pressure Sensor

Designed for use with short sweep electric oil pressure gauges. 1/8" NPT Male threads and include 1/4" NPT adapter fittings.

part no.	for use with	psi	thread
4002241	AutoMeter 2241 short sweep electric oil pressure gauge	0-80	1/8" NPT Male
4002242	AutoMeter 2242 short sweep electric oil pressure gauge	0-100	1/8" NPT Male

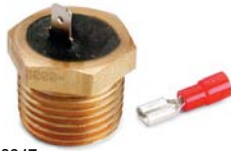


4002385

AutoMeter Temperature Sensor

4002258 is a direct replacement for all current AutoMeter short sweep electric gauges. Not compatible with Auto Gauge products. Use product 4002385 for AutoMeter Auto Gauge electric temp gauges. Both products feature 1/8" NPT threads and include 3/8" NPT and 1/2" NPT adapter fittings.

part no.	for use with	thread
4002258	short sweep elec, AutoMeter 2258	1/8" NPTF male
4002385	auto gauge, AutoMeter 2385	1/8" NPTF male



4003247

AutoMeter Temperature Switch

Closes at temperatures 220°F and higher and opens at temperatures below 190°F.

part no.	for use with	open temp	close temp	thread
4003247	AutoMeter 3247	190°F	220°F	1/2" NPTF Male

AutoMeter Bulbs and Sockets

Bulb & light sockets, replacement bayonet bulbs, and replacement bulb & sockets are to be used with the corresponding size of Auto Gauge gauges. The twist-lock style socket (4003220) is for use with AutoMeter gauges with plastic cases, which are most modern AutoMeter gauges (except for gauges with BLUE plastic cases).



4002388

part no.	for use with	gauge size	includes
4002388	AutoMeter 2388	1-1/2"	2 pack light bulb & socket
4002389	AutoMeter 2389	2-5/8"	2 pack bayonet bulb
4002357	AutoMeter 2357	2-1/16"	light bulb & socket
4002359	AutoMeter 2357	2-5/8"	light bulb & socket
4003220	gauges w/ plastic case AutoMeter 3220	2-1/16"	light bulb & socket



4005249

AutoMeter Thermocouple

Complete probe kit includes a 1/4" diameter stainless closed tip probe with 10 1/2 ft. wire, a 1/4" compression - 1/8" NPT connector, and heat shrink for sealing wiring connections. For use with standard AutoMeter Incandescent Lit Pyrometers.

part no.	for use with	type	diameter	probe type	wire length
4005249	AutoMeter 5249	K	1/4"	stainless closed tip	10 1/2 ft



4002204

AutoMeter Pedestal Gauge Mounts

For use with all current AutoMeter gauges. Mounting bracket included. 4002204 is for current AutoMeter & Auto Gage 2-1/16" gauges. 4003202 is for current AutoMeter 2-5/8" electric gauges only. 4003202 will NOT work with Auto Gage.

part no.	for use with
4002204	2-1/16" gauges, AutoMeter 2204
4003202	2-5/8" gauges, AutoMeter 3202



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AutoMeter Shift Light

Features an innovative AIM swivel mount for precise viewing angles, a single programmable digital shift point, a digital RPM display with single color shift light, and is compatible with .5-6 pulse ignition signals (1-12 cyl engines). Features adjustable shift light brightness and peak RPM recall function. Mounting bracket is included.

part no.	for use with	style	mount	light color
4005344	AutoMeter 5344	tube	pedestal	amber LED



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AutoMeter Pyrometer Extension Module

Extends the length of your Pyrometer Probe wiring up to 75 additional feet with no loss of accuracy or response. Works with late model pyrometers with 10 pin connector on the back, and it is ideal for diesel pushers or marine applications. The pyrometer gauge and probe are not included.

part no.	for use with	wire length
4005257	stepper motor pyrometers, AutoMeter 5257	75 ft



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4009090

ISSPRO® Fuel Level Gauges

Used with both gasoline and diesel fuel systems. The Red or White Pointer has a 90° needle sweep. Perimeter lighting, kit included. Mounting bracket kit also included. Scale: Empty, 1/4, 1/2, 3/4, Full.

part no.	description	size	face/bezel color
4009090	fuel level gauge, E/M 240-33 Ohm, ISSPRO® R9090	2 1/16"	black/black
4008690	fuel level gauge, 240-33 Ohm, ISSPRO® R8690	2 1/16"	black/black



ISSPRO® Pyrometer Gauge

Measures the temperature of exhaust gases from a gasoline or diesel engine. It is used to indicate dangerous overheat conditions and for tuning/monitoring the air/fuel mixture. Mounting bracket kit included. Digital Display. Made in the USA.

part no.	description	size	face/bezel color
4000630	pyrometer, digital type K, ISSPRO® R630-12/24VDC	2 1/16"	black/black



ISSPRO® Temperature Gauge

Designed to measure and display the fluid temperature of an engine, and can be used for either oil temperature or water temperature. Red Pointer, White/Red Lettering and 90° needle sweep. Perimeter lighting, kit included. Mounting bracket kit also included. Displays English and Metric: 100-280°F / 40-140°C. Use with Sender 4008992.

part no.	description	size	face/bezel color
4009058	temperature gauge, E/M electric 100-280 TD, ISSPRO® R9058	2 1/16"	black/black



ISSPRO® Oil Pressure Gauge

Used to measure and display the oil pressure of a vehicle. Pressure gauges are built to meet the needs of industrial, performance and commercial applications. Red Pointer and 90° needle sweep. Reads English and Metric: 0-100 PSI and 0-700 kPa. Use with Sender 4008917.

part no.	description	size	face/bezel color
4009021	oil pressure gauge, E/M 0-100 PSI PB, ISSPRO® R9021	2 1/16"	black/black



ISSPRO® Tachometer

Measures the RPM of an engine's crankshaft rotation. Tachometers monitor an engine's normal performance to help prevent damage. White Pointer, White Lettering and full 270° needle sweep. Perimeter lighting, kit included. 0-4000 RPM with Hourmeter counter. Mounting bracket kit also included. Made in the USA.

part no.	description	size	face/bezel color
4085225	tachometer, alternator 4K w/hours, ISSPRO® R85225	3 3/8"	black/black



48862HV

4008863
48863HV

48864HV

ISSPRO® Hourmeters

Instruments used in the automotive and transportation industry to measure and display the electrical run time of an engine in a vehicle or commercial equipment.

part no.	description	size	face/bezel color	volts
48862HV	hourmeter, ISSPRO® R8862HV	2 1/16"	stainless steel	10-80V DC
48863HV	hourmeter, 10-80V DC, 3-Hole mount, ISSPRO® R8863HV	2 1/16"	black/black	10-80V DC
4008863	hourmeter, 3-Hole mount, ISSPRO® R8863	2 1/16"	black/black	4-40V DC
48864HV	hourmeter, mini rectangular, ISSPRO® R8864HV	mini rectangle	black/black	10-80V DC



ISSPRO® Voltmeter

Used to measure the alternator voltage output when the engine is running and the battery voltage output when the engine is not running. White Pointer, Color Coded Dial and 90° needle sweep. Perimeter lighting, kit included. Mounting bracket kit also included.

part no.	description	size	face/bezel color
4008660	12V voltmeter ISSPRO® R8660	2 1/16"	black/black



ISSPRO® EV² Performance Series Turbo Boost Gauge

Features microprocessor-controlled stepper motor movement, LED back-lighting, a precision sender, and full 270° needle sweep. Each gauge contains all items needed for typical installation. Frontally sealed for harsh environments. Made in the USA.

part no.	description	size	face/bezel color
4017133	turbo boost gauge, EV2, 0-30 PSI, ISSPRO® R17133	2 1/16"	black/black



4017240

ISSPRO® EV² Performance Series Pressure Gauges

Feature all Electric Gauges with microprocessor-controlled stepper motor movements, LED back-lighting, precision senders, and full 270° needle sweeps. Each gauge contains all items needed for typical installation. Frontally sealed for harsh environments. Made in the USA.

part no.	description	size	face/bezel color
4017240	coolant pressure gauge, EV2, 0-40 PSI, ISSPRO® R17240	2 1/16"	black/black
4017033	fuel pressure gauge, EV2, 0-30 PSI, ISSPRO® R17033	2 1/16"	black/black
4017044	fuel pressure gauge, EV2, 0-100 PSI, ISSPRO® R17044	2 1/16"	black/black
4017211	oil pressure gauge, EV2, 0-100 PSI, ISSPRO® R17211	2 1/16"	black/black
4017244	trans oil pressure gauge, EV2, 0-180 PSI, ISSPRO® R17244	2 1/16"	black/black



4017222

ISSPRO® EV² Performance Series Temperature Gauges

Feature microprocessor-controlled stepper motor movements, LED back-lighting, precision senders, and full 270° needle sweeps. Each gauge contains all items needed for typical installation. Made in the USA.

part no.	description	size	face/bezel color
4017222	air temperature gauge, EV2, 0-240F, ISSPRO® R17222	2 1/16"	black/black
4017588	coolant temperature gauge, EV2, 100-280F, ISSPRO® R17588	2 1/16"	black/black
4017566	trans oil temperature gauge, EV2, 140-320F, ISSPRO® R17566	2 1/16"	black/black
4017533	oil temperature gauge, EV2, 100-280F, ISSPRO® R1753	2 1/16"	black/black



4014022

ISSPRO® EV² Performance Series Pyrometer Gauges

Measure the temperature of exhaust gases from a gasoline or diesel engine. They are used to indicate dangerous overheat conditions and for tuning/monitoring the air/fuel mixture. Each gauge features microprocessor-controlled stepper motor movements, LED back-lighting, a precision sender, and a full 270° needle sweep. All items needed for typical installation are included. Frontally sealed for harsh environments. Made in the USA.

part no.	description	size	face/bezel color
4017021	pyrometer w/color band, ISSPRO® R17021	2 1/16"	black/black
4014022	pyrometer w/o color band, ISSPRO® R14022	2 1/16"	white/black



ISSPRO® EV² Performance Series Fuel Level Gauge

Features microprocessor-controlled stepper motor movement, LED back lighting, a precision sender, and a full 270° needle sweep. Contains all items needed for typical installation. Frontally sealed for harsh environments. Made in the USA.

part no.	description	size	face/bezel color
4017900	fuel level E-F gauge, EV2, 240-33 Ohms, ISSPRO® R17900	2 1/16"	black/black



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ISSPRO® Gauge Accessories



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4008993

ISSPRO® Temperature Senders

Measure the temperature of liquids or gases, which are then displayed on a Temperature Gauge.

part no.	description	size
4008993	temp sender kit, 1/8" NPTF, 1/4", 3/8", 1/2" adapt, ISSPRO® R8993	100-240F
4008992	temp sender kit, 1/8" NPTF, 1/4", 3/8", 1/2" adapt, ISSPRO® R8992	100-280F
4008995	temp sender kit, 1/8" NPTF, 1/4", 3/8", 1/2" adapt, ISSPRO® R8995	140-320F



4008917

ISSPRO® Pressure Senders

Measure the pressure of liquids or gases, which are then displayed on a Pressure Gauge.

part no.	description	psi
4008917	pressure sender, 1-stud, ISSPRO® R8917	0-100
4008916	pressure sender, 1-stud, ISSPRO® R8916	0-80



ISSPRO® Magnetic Speed Sensor

Used to convert rotational counts into speed measurements, which are then displayed on a Tachometer or Speedometer.

part no.	description
4008933	magnetic sensor, 4" wire lead connector 5/8"-18 threading, ISSPRO R8933



ISSPRO® Leadwire

High temperature extension type lead wire. Ensures accurate readings. For use with ring terminal thermocouples.

part no.	description
4066010	leadwire, high temp, 10', ISSPRO® R660-10



ISSPRO® Thermocouple

Features brass fittings for use in diesel applications. 1/4" NPTF mounting threads. Probe length: 2 1/4". Made in the USA.

part no.	description
4000650	thermocouple, 0-160F, 1/4" NPTF, 2 1/4", ISSPRO® R650



ISSPRO® Temperature Switch

Rugged and reliable for indicator lights, relays, hourmeters, etc. 1A capacity.

part no.	description
4000363	temp switch, 225F, 1/2" NPTF, 1 Stud, ISSPRO® R363G



4000064

ISSPRO® Pressure Switches

Rugged and reliable for indicator lights, relays, hourmeters, etc. All pressure switches have a 6A capacity.

part no.	description
4000064	pressure switch, 4 PSI, N/O, HD, 2 1/4" blades, ISSPRO® R4006-4
4400915	pressure switch, 15 PSI, N/C, HD, 2 1/4" blades, ISSPRO® R4009-15



ISSPRO® Fuel Level Sender

Adjustable for tanks with 6-27" depth and fits right or left hand swing applications. It can be used with ISSPRO gauges as well as most aftermarket gauges. Resistance Curve: 240 - 33 Ohm. Fits right or left-hand swing.

part no.	description
4008925	fuel level sender, 240-33 ohm, 6-27", R.L swing, ISSPRO® R8925



ISSPRO® Fuel Level Senders

One of the most widely used components for major OEMs. It is built tough to provide reliable readings. Resistance Curve: 240 - 33 Ohm. Tube Length: 10". Tank Depth: 10-1/2" - 11". Temperature range: -90°C to 105°C. Fluids measured: gas/diesel/biodiesel/alcohol(ethanol)/hydraulic non-potable water. End cap keeps tube free of debris. Sender must be installed within ± 5° from vertical for best results.

part no.	description
4009510	fuel level sender, 240-33 ohm, ISSPRO® RA9510-ISS



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DELUXE™ Series **SW**

Stewart Warner's original gauge line sets the standard for automotive gauges with a classic and timeless look. These gauges have been around for more than 40 years and can be found in most muscle cars and street rods. Available in 2 $\frac{3}{8}$ " & 2 $\frac{1}{8}$ ", sizes, mechanical and electrical. Bold, easy-to-read black-on-white graphics. Polished stainless steel, low-profile bezel and white pointer with a black hub. Visit delcity.net to see the full DELUXE™ line.



4000433

HEAVY DUTY™ Series **SW**

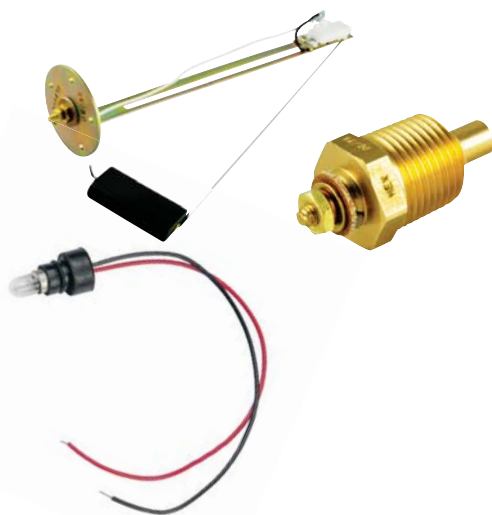
Another of Stewart Warner's original classic gauge lines is the HEAVY DUTY™ series with an enhanced light ring for superior night time illumination. Available in 3 $\frac{3}{8}$ " & 2 $\frac{1}{8}$ ", sizes, mechanical and electrical. Bold, easy-to-read black-on-white graphics. Black raised bezel with distinctive brushed bright trim ring with rugged movements, ideal for use in trucks as well. Matching 5" tachometer or speedometer available. Go to delcity.net to see the full HEAVY DUTY™ line.



4000598

Gauge Accessories and Components

Stewart Warner gauge accessories provide the necessary components needed for proper measurement and gauge display. Each accessory and component is compatible with Stewart Warner and Datcon gauges.



STANDARD™ Series **SW**

Stewart Warner designed the Standard series gauges to be used as accessory gauges mounted under the large dashboards of cars and trucks from the 1940's to the 1960's, also used in any other preferred application. Available in 2 $\frac{1}{32}$ " size with a flat bright stainless steel bezel. Unique pointer with hub located on the bottom. Original white-on-black graphics arranged in a 60° arc. All STANDARD™ gauges are non-illuminated, but illuminated versions are available by purchasing the Standard Plus kits. Visit delcity.net to see the full STANDARD™ series.



4000378

For complete line of gauges, go to www.delcity.net



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Gauge Line Water Temperature Gauges

Measure and display the coolant temperature of a vehicle's or machinery's engine. These gauges are available in various temperature scales and provide exceptional night-time lighting.

part no.	description	size	face
4122255	100°F-250°F, water temp	2 1/16"	single
4122272	100°F-250°F, water temp	2 1/16"	dual



Gauge Line Oil Temperature Gauges

Oil temperature gauges measure and display the oil temperature of a vehicle's or machinery's engine. Available in various temperature scales and provide exceptional night-time lighting.

part no.	description	size	face
4122267	140°F-320°F, oil temp	2 1/16"	single
4122279	140°F-320°F, oil temp	2 1/16"	dual



Gauge Line Transmission Oil Temperature Gauges

Used to measure and display the oil temperature of vehicle or machinery's transmission. These gauges are available in various temperature scales and provide night-time lighting.

part no.	description	size	face
4122269	140°F-320°F, trans oil temp	2 1/16"	single



Gauge Line Oil Pressure Gauges

Used to measure and display the oil pressure of a vehicle's or machinery's engine. These gauges are available in various pressure scales and provide night-time lighting.

part no.	description	size	face
4122256	100 PSI	2 1/16"	single
4122273	100 PSI	2 1/16"	dual
4122264	150 PSI	2 1/16"	single
4122276	150 PSI	2 1/16"	dual



Gauge Line Fuel Level Gauges

Measure and display the fuel level of a vehicle or machinery. These gauges are available in the electrical single scale version only and matched for a 240-33.5 ohms sender. Scale is not included.

part no.	description	size	face
4122258	240-33.5 ohms	2 1/16"	-



Gauge Line Voltmeter

Instruments used to measure the alternator voltage output and battery voltage output when the engine is not running. These gauges are most commonly used in motorcycles and automotive applications. Available in the electrical single scale version only.

part no.	description	size	face
4122257	240-33.5 ohms	2 1/16"	single



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Gauge Line Water Temperature Gauges

Measure and display the coolant temperature of a vehicle's or machinery's engine. These gauges are available in various temperature scales and provide night-time lighting.

part no.	description	size	face
4122260	100°F-250°F, water temp	2 1/16"	single
4122270	100°F-250°F, water temp	2 1/16"	dual



Gauge Line Oil Temperature Gauges

Measure and display the oil temperature of a vehicle's or machinery's engine. These gauges are available in various temperature scales and provide night-time lighting.

part no.	description	size	face
4122280	140°F-320°F, oil temp	2 1/16"	dual



Gauge Line Oil Pressure Gauges

Used to measure and display the oil pressure of a vehicle's or machinery's engine. These gauges are available in various pressure scales and provide night-time lighting.

part no.	description	size	face
4122259	0-100 PSI	2 1/16"	single
4122271	0-100 PSI	2 1/16"	dual
4122265	0-150 PSI	2 1/16"	single
4122277	0-150 PSI	2 1/16"	dual



Gauge Line Fuel Pressure Gauges

Used to measure and display the fuel pressure of a vehicle's or machinery's engine. These gauges are available in a mechanical version only and in 100 psi single and dual pressure scales.

part no.	description	size	face
4122266	0-100 PSI	2 1/16"	single
4122278	0-100 PSI	2 1/16"	dual



Gauge Line Vacuum/Boost

Measure manifold vacuum or air pressure to help identify leaks and other vacuum or pressure malfunctions. These gauges are available in the mechanical single scale version only.

part no.	description	size	face
4122261	30 inHg-30 PSI	2 1/16"	single



Hand-held Analog Tachometer

The Stewart Warner hand-held tachometer is an analog style tachometer that utilizes a pointer and hash mark system. Ideally used for directly measuring a rotating shaft in an automotive or transportation application. Measures 0-4,000 RPM. 3" diameter, 4" long.

part no.	description	face/bezel color
4000631	hand-held tachometer, 4,000 RPM	black & white/chrome



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Speedometer with Odometer Gauge

A Datcon-brand heavy-duty 3 $\frac{3}{8}$ " 12 volt electric, dual dial speedometer with odometer. This gauge measures speed in both English (0–80 MPH) and Metric (0–120 KMH) and records mileage traveled. Gauge includes light with socket, mounting hardware and installation instructions.

part no.	description	size	face/bezel color
9103645	0–80 mph, speedometer w/odometer	3 $\frac{3}{8}$ "	black/black



Tachometer with Hourmeter Gauge

A Datcon-brand heavy-duty 3 $\frac{3}{8}$ " 12 volt electric, tachometer with hourmeter. This gauge measures both engine revolutions per minute in the range of 0–4000 RPMs and records your engine operation time up to 100,000 hours. Gauge includes light with socket, mounting hardware and installation instructions.

part no.	description	size	face/bezel color
9103684	4000 RPM, tachometer w/hourmeter	3 $\frac{3}{8}$ "	black/black



Water Temperature Gauge

A Datcon-brand heavy-duty 2 $\frac{1}{16}$ " 12 volt electric, dual dial water temperature gauge. This gauge measures and displays in both English and Metric temperatures, ranging from 100–280°F (40–140°C). Gauge includes mounting hardware and installation instructions. Sender and light with socket assembly are sold separately.

part no.	description	size	face/bezel color
9100182	100°F–280°F, water temp	2 $\frac{1}{16}$ "	black/black



Voltmeter Gauge

A Datcon-brand heavy-duty 2 $\frac{1}{16}$ " 12 volt electric, dual dial voltmeter gauge. This gauge measures voltage both numerically from 8–18 volts and in a color system that easily indicates if proper voltage is being maintained. Gauge includes mounting hardware and installation instructions. Light with socket sold separately.

part no.	description	size	face/bezel color
9100166	8–18V, voltmeter	2 $\frac{1}{16}$ "	black/black



Oil Pressure Gauge

A Datcon-brand heavy-duty 2 $\frac{1}{16}$ " 12 volt electric, dual dial oil pressure gauge. This gauge measures in both English (0–100 psi) and metric (1–6 bar), utilizing a 240–33.5 Ohm electrical pressure sender. Gauge includes mounting hardware and installation instructions. Sender and light with socket assembly are sold separately.

part no.	description	size	face/bezel color
9100174	0–100 psi, oil pressure	2 $\frac{1}{16}$ "	black/black



Fuel Level Gauge

A Datcon-brand heavy-duty 2 $\frac{1}{16}$ " 12 volt electric, fuel level gauge. This gauge measures and displays fuel level within the range of empty to $\frac{1}{2}$ full. This gauge requires a 240–33.5 Ohm fuel level sender. Gauge includes mounting hardware and installation instructions. Sender and light with socket assembly are sold separately.

part no.	description	size	face/bezel color
9100176	E- $\frac{1}{2}$ -F, fuel level, electric	2 $\frac{1}{16}$ "	black/black



9100689

9102033

Hourmeters

A Datcon-brand electronic Hourmeter records operation hours of your engine or machinery. Choose from a round, 3 hole flange, 9,999.9 count or a rectangular, 2 hole flange, 99,999.9 count. They connect directly to your electrical system via the convenient .250" push-on terminals mounted on the rear of the housing. Instructions included for a proper installation.

part no.	description	volt rating
9100689	9,999.9 count round hourmeter	12–32V DC
9102033	99,999.9 count rectangle hourmeter	10–80V DC



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Heavy-duty Gauge Kits

A Datcon-brand heavy-duty, 12 volt electric, gauge kits provide you a complete cluster for heavy-duty engine monitoring needs. 9200001 is a 4 gauge kit that includes 1 each of the 2 1/16" water temperature, oil pressure, fuel level and voltmeter. 9200002 is a 6 gauge kit that includes the 3 3/8" speedometer and tachometer and 1 each of the 2 1/16" water temperature, oil pressure, fuel level and voltmeter. Both kits include all necessary senders, sensors, lights with sockets, mounting hardware and installation instructions.

For a complete listing of kit contents, see page 372.

part no.	description	face/bezel color
9200001	4 gauge heavy-duty kit	black/black
9200002	6 gauge heavy-duty kit	black/black

Kit 9200001 Contents

part no	description	qty
9100176	fuel level	1
9100174	oil pressure	1
9100182	water temperature	1
9100166	voltmeter	1
9062150	light kit	4
9100438	adjustable fuel sender	1
9025050	pressure sender	1
9020250	temperature sender	1

Kit 9200002 Contents

part no	description	qty
9100176	fuel level	1
9100174	oil pressure	1
9100182	water temperature	1
9100166	voltmeter	1
9103645	speedometer	1
9103684	tachometer w/hourmeter	1
9062150	Datcon light kit	4
9100438	adjustable fuel sender	1
9025050	pressure sender	1
9020250	temperature sender	1
9715440	magnetic sensor	1



Gauge Line Gauge Kit

The Gauge Line kit consists of a selection of four of the most popular gauges within the Gauge Line series - Oil Pressure, Water Temperature, Voltmeter, and Fuel Level. Each gauge provides a single scale readout and has a sealed polished stainless steel bezel, exceptional night lighting, and a bright orange pointer.



part no.	description	face/bezel color
4122201	4 gauge gauge line kit	black/chrome

Kit 4122201 Contents

part no	description	qty
4122258	fuel gauge	1
4122255	water temp gauge	1
4122256	oil pressure gauge	1
4122257	voltmeter	1

Gauge Accessories



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SW 24 Volt Light Adapter Kit

The light adapter kit is a replacement bulb for the existing 12 volt bulb. This kit allows for the 12 volt electrical and mechanical gauges to be converted for 24 volt DC applications.

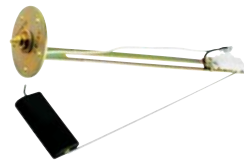
part no.	description
4122335	24 volt light adapter kit



SW 24 Volt Adapter Kit

The adapter kit is a small circuit board that attaches to the input feed of the electrical gauge to reduce the voltage from 24V to 12V DC.

part no.	description
4122356	24 volt adapter kit



SW Fuel Sender

Fuel senders use a float arm to measure the level of fuel within your fuel tank and relay the information to your fuel gauge. For use with gauges measuring 240 Ohms (empty) to 33.5 Ohms (full) resistance. Adjustable float arm ranges from 6" to 24". Sender utilizes a common ground. Mounts in position 2 or 4, with a #10-32 stud electrical connection.

part no.	description
9100438	240-33.5 ohm, adjustable fuel sender



SW Oil Pressure Sender

Pressure senders measure oil pressure within your engine and relay the information to your oil pressure gauge. Measures 0-100 PSI / 0-7 BAR at 240-33.5 Ohm resistance. Engine connection input is 1/8"-27 thread. Electrical connection is #10-32 stud. Sender utilizes a common ground.

part no.	description
9025050	100 PSI pressure sender



SW Temperature Sender

Temperature senders measure your coolant temperature and relay the information to your temperature gauge. Measures 100-280°F and 140-320°F temperatures. Engine connection input is 1/2"-14 NPT thread. Electrical connection is #10-32 stud. Sender utilizes a common ground.

part no.	description
9020250	100°F-280°F temperature sender
4000009	100°F-240°F temperature sender kit



SW Magnetic Sensor

Magnetic sensors connect to your vehicle's transmission and are used to relay signals to your speedometer, that then can convert the information into miles per hour. Fits 5/8"-18 x 1.9" UNF mounting hole and includes 6.5" wire leads.

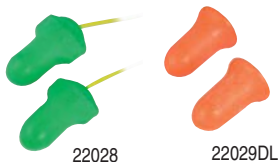
part no.	description
9715440	magnetic sender



Industrial Gauge Light Kit

A 12 volt light and socket (not included with Datcon-brand heavy-duty gauges) help illuminate your gauge face when used in dark settings or at night. Grounds to the gauge at the 5/8" mounting hole and includes an 11" power lead wire. Illumination is rated at 1 candlepower of light.

part no.	description
9062150	Datcon-brand, heavy-duty light kit



22028

22029DL

Ear Plugs

part no.	description	pkg. qty.
22027	ear plug, comfort, 30 noise reduction rating	1 pr.
22028	ear plug w/cord, comfort 30 noise reduction rating	1 pr.
22029DL	ear plug, maximum 33 noise reduction rating	1 pr.



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Safety Glasses

Protect your eyes in style and comfort. All have anti-fog lenses. Choose from Visitor, Traditional, Sport or Wraparound styles.



part no.	description
22023	traditional



part no.	description
22024	sport



part no.	description
22025	wraparound



part no.	description
22026	visitor specs



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22043

Hard Hats

Hard hats provide standard bump protection for your head in various work areas. Available in both white and yellow, each features an easy-to-adjust suspension band with washable sweatband.

part no.	description
22043	yellow hard hat, adjustable
22044DL	white hard hat, adjustable



22040DL

22041DL

Safety Vests

Safety vests provide workers instant visibility in high traffic areas. Offered in both reflective and non-reflective styles. Each vest has velcro closure.

part no.	description	size
22039DL	safety vest, orange non-reflective	S/XL
22040DL	safety vest, orange non-reflective	2X/3X
22041DL	safety vest, orange reflective	S/XL
22042	safety vest, orange reflective	2X/3X



22034DL

22035DL

Safety Tape

Offered in OSHA approved safety colors, the yellow/black tape signifies caution areas and the red/white tape signifies danger areas.

part no.	description	length
22034DL	4mil vinyl safety tape, yellow/black industrial	3" x 108'
22035DL	8.8mil vinyl safety tape, red/white heavy-duty	3" x 108'



Caution Tape

Caution tape is a non-adhesive, 3mil yellow vinyl tape with 2" bold black "CAUTION" lettering repeated on the entire 3" x 1,000' continuous length roll.

part no.	length
22032DL	3" x 1,000'



Anti-Slip Tape

Commonly used on stairs or other foot traffic areas, anti-slip tape helps prevent injuries. Each package contains 1 strip.

part no.	length
22045	6" x 24"



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Latex Gloves (5 MIL)

Designed as an all-purpose glove for general use in an industrial environment. Each glove is "powder-free" and has a beaded cuff for added strength.

part no.	size	box qty.
22010DL	L	100
22011DL	XL	90



Nitrile Gloves (6 MIL)

Designed to protect against chemicals and abrasives. Each glove is "powder-free," puncture-resistant and offers an allergy-free alternative to latex gloves.

part no.	size	box qty.
22012	L	100
22013	XL	90



Chemical Resistant Gloves (15 MIL)

Designed to protect against heavy-duty chemicals and abrasives. They feature treads on the palms and fingers for non-slip protection and have extended cuffs. Each is flock-lined and USDA approved.

part no.	size	pkg. qty.
22014	L	1 pr.
22015DL	XL	1 pr.



22016

22018

Warehouse Gloves

Available both in string knit or with PVC dots. String knit gloves are ideal to keep hands warm while working and can be used alone or as liners. PVC dot knit gloves are made of breathable cotton/poly and provide a superior grip on surfaces. Gloves are machine washable and ambidextrous.

part no.	description	size	pkg. qty.
22016	PVC dot knit	L	1 pr.
22017	PVC dot knit	XL	1 pr.
22018	standard knit	L	1 pr.



22036DL

Coated Gloves

Feature a tight flexible fit. Each glove is knit with a rubber coated palm offering superior grip on slippery materials.

part no.	size	pkg. qty.
22036DL	L	1 pr.
22037DL	XL	1 pr.



22020DL

Leather Gloves W/Safety Cuff

Offer protection against minor heat and rough or sharp objects. Safety cuffs provide additional protection for your wrists against scrapes and abrasions. Double palm leather provides an extra layer of leather in the thumb, pinky and index finger.

part no.	size	pkg. qty.
22019	L	1 pr.



22021DL

Mechanix® Original Gloves

Manufactured to handle the toughest work you do, these Mechanix® gloves offer improved Clarino OW-927 synthetic leather palm, index, middle and ring fingertips. Repel 25% more water and oil, preserving the life of the glove. The two-way stretch spandex top provides a better fit and the hidden interior seam stitching and lycra inset panels ensure optimum comfort and freedom of mobility.

part no.	size	pkg. qty.
22021DL	L	1 pr.
22022	XL	1 pr.



Box of Rags

Reusable and launderable. Have hemmed edges to prevent fraying and unraveling. Packaged in a convenient dispenser box.

part no.	qty.
22001DL	50 count box



Scrubs-in-a-Bucket®

Rough textured hand cleaner towels that are packaged in a convenient bucket type dispenser. Ideal for use on tools, hands and to clean most work surfaces.

part no.	qty.
22002DL	72 count bucket



12121727

Heater Hose

Replacement hose for use on most cars and light trucks, this standard grade hose withstands the abuse of corrosive solutions and additives. The black EPDM tube and cover is constructed with a two spiral polyester reinforcement that resists weathering to provide a long, trouble-free service life. Temperature resistance is -40°C to 100°C (-40°F to 212°F). **Not for steam use.**



12124078

Fuel Line Hose

Designed for conveying gasoline, E-85, diesel, and bio-diesel fuels in over the road vehicles and will withstand oil, grease, abrasion, and ozone. The black Nitrile tube and Nitrile/PVC cover is constructed with a two spiral polyester reinforcement that provides a long, trouble-free service life. Fuel line hose exceeds the burst requirements of the SAE 30R6 specification. Temperature rating is -40°C to 100°C (-40°F to 212°F).



1212225

Air Hose

Red EPDM tube and cover features a four spiral polyester reinforcement that keeps the hose kink resistant and flexible in extreme temperatures. Cover is resistant to abrasion, weathering, and ozone. Air hose is coupled with brass fittings. Air hose is coupled with brass fittings. Temperature rating is -40°C to 100°C (-40°F to 212°F).

Not for steam use.



12132998

Transmission Oil Cooler Hose

Special hose for circulating transmission fluid at high temperatures. The black Nitrile tube and Nitrile/PVC cover are designed to meet OEM and SAE J1532 requirements. The hose features a polyester reinforcement for high burst protection. Transmission oil cooler hose is resistant to fuel, ozone, oil, grease, and heat aging. Fluid temperature of -34°C to 125°C (-30°F to 257°F).



12133395

Windshield Wiper/Vacuum Hose

Low pressure tubing for windshield washers, vacuum, and emissions systems for power accessories. Black EPDM tube meets SAE J1037 specification and will not deteriorate from heat, weathering, or ozone. Windshield/Vacuum hose maintains its flexibility even at low temperatures. Temperature rating is -40°C to 100°C (-40°F to 212°F).

Not for steam use.



Cut-A-Way® Hose/PVC Cutter

Cuts all automotive hoses, flexible, watertight and schedule 40 PVC conduit up to 1" in diameter. The 8" nylon handles and stainless steel blade create a tough, lightweight tool for making fast, clean cuts.

part no.	length	I.D.
12127001	order by the foot	3/4" "
12121725	50' spool	1/2" "
12121726	50' spool	5/8" "
12121727	50' spool	3/4" "
12126250	250' spool	5/8" "
12127250	250' spool	3/4" "

part no.	length	I.D.
12124014	order by the foot	1/4" "
12124516	order by the foot	5/16" "
12124038	order by the foot	3/8" "
12124048	25' spool	3/16" "
12124060	25' spool	1/4" "
12124078	25' spool	5/16" "
12124088	25' spool	3/8" "
12124106	25' spool	7/16" "
12124068	250' spool	1/4" "
12124084	250' spool	5/16" "
12124100	250' spool	3/8" "

part no.	length	I.D.
12152225	25' spool box	1/4" "
12153825	25' spool box	3/8" "
12152250	50' spool box	1/4" "
12153850	50' spool box	3/8" "

part no.	length	I.D.
12132998	25' spool box	5/16" "
12131616	25' spool box	3/8" "

part no.	description	I.D.
12133395	50' spool box	7/16" "
12133405	50' spool box	5/32" "
12133415	50' spool box	7/32" "
12133425	50' spool box	9/32" "

part no.	size
GKC-100A	up to 1" diameter



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12310308



12310408



12310500

Hydraulic Steel Brake Lines

Constructed by wrapping copper-coated steel around itself twice. Double-wall tube provides the strength and structural integrity to withstand the extreme pressures required, yet still remains pliable to be formed and bent to the shapes required to be routed without kinking. The finished tube is fused and zinc-coated to provide excellent rust and corrosion resistance. Standard steel lines are DOT approved for hydraulic brake systems and the tubing meets SAEJ527b, SAEJ1290, GM123M and DIN 74234 specifications. Available in $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ " & $\frac{5}{16}$ " tube sizes and various finished lengths.

part no.	I.D.	length
12310308	$\frac{3}{16}$ "	8"
12310312	$\frac{3}{16}$ "	12"
12310320	$\frac{3}{16}$ "	20"
12310330	$\frac{3}{16}$ "	30"
12310340	$\frac{3}{16}$ "	40"
12310351	$\frac{3}{16}$ "	51"
12310360	$\frac{3}{16}$ "	60"
12310408	$\frac{1}{4}$ "	8"
12310412	$\frac{1}{4}$ "	12"
12310420	$\frac{1}{4}$ "	20"
12310430	$\frac{1}{4}$ "	30"
12310440	$\frac{1}{4}$ "	40"
12310451	$\frac{1}{4}$ "	51"
12310460	$\frac{1}{4}$ "	60"

part no.	I.D.	length
12310608	$\frac{3}{8}$ "	8"
12310612	$\frac{3}{8}$ "	12"
12310620	$\frac{3}{8}$ "	20"
12310630	$\frac{3}{8}$ "	30"
12310640	$\frac{3}{8}$ "	40"
12310651	$\frac{3}{8}$ "	51"
12310660	$\frac{3}{8}$ "	60"
12310508	$\frac{5}{16}$ "	8"
12310512	$\frac{5}{16}$ "	12"
12310520	$\frac{5}{16}$ "	20"
12310530	$\frac{5}{16}$ "	30"
12310540	$\frac{5}{16}$ "	40"
12310551	$\frac{5}{16}$ "	51"
12310560	$\frac{5}{16}$ "	60"

25' coil size

part no.	description	I.D.
12310300	hydraulic steel brake line	$\frac{3}{16}$ "
12310400	hydraulic steel brake line	$\frac{1}{4}$ "
12310500	hydraulic steel brake line	$\frac{5}{16}$ "

Wiper Blades



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TRICO NeoForm® Wiper Blades
Elite version of the Memory Curve Steel® beam blades. With no exposed parts, they are resistant to snow and ice clogging, providing excellent performance in winter conditions. NeoForm® blades feature a pre-assembled connector to fit popular wiper arm types and specialty wiper arm coverage, such as the new Side Pin, Pinch Tab and Push Button wiper arms.

part no.	length
12016160	16"
12016170	17"
12016180	18"
12016190	19"

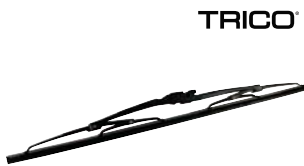
part no.	length
12016200	20"
12016210	21"
12016220	22"
12016240	24"



TRICO Tech® Wiper Blades
Features an advanced flexible Memory Curve Steel® beam that provides uniform pressure for a clean, clear wipe. Tested to perform over 1.5 million cycles.

part no.	length
12019160	16"
12019170	17"
12019180	18"
12019190	19"
12019200	20"

part no.	length
12019210	21"
12019220	22"
12019240	24"
12019260	26"
12019280	28"



TRICO 30-Series Wiper Blades
Extremely dependable and easy to install. Aerodynamic steel frame provides exceptional strength and durability for a better wrap on highly curved windshields, and the precision-cut rubber edge creates superior wiping action. Each blade includes a pre-attached universal adaptor that fits 95% of vehicles on the road. Dog leg design allows for quick and easy installation on flat wiper arm applications.

part no.	length
12030110	11"
12030130	13"
12030150	15"
12030160	16"
12030170	17"
12030180	18"
12030190	19"

part no.	length
12030200	20"
12030210	21"
12030221	22"
12030240	24"
12030260	26"
12030280	28"

Covers & Totes



Car Covers
Water repellent material that sheds water and breathes to reduce the buildup of mold and mildew. The soft fabric and tie downs will not scratch paint. Each car cover comes with an attached satchel for easy storage and can be used to anchor the cover to the car. Comes with a 2 year manufacturer warranty.



part no.	vehicle type	size
16144105	compact car	175"
16144106	sedans	176" - 190"
16144104	sedans	191" - 210"
16144101	crossover	176" - 190"
16144107	compact SUV/truck	187"
16144108	full size SUV/truck	188" - 230"
16144109	crew cab SUV/truck	231" - 262"



Auto Windshield Cover
Attaches in minutes with two click-close straps that run through the inside of the vehicle and easily folds up into a convenient storage case when not in use.

part no.	color	size
16144401	silver	67"W X 27"H



Hitch Totes
Features padded cases to protect both hitches and vehicles. Convenient storage pockets for pins and locks with rip-and-grip closure tabs.

part no.	description	size
16144201	standard black tote	up to 18" extension & 8" drop
16144202	standard Realtree™camouflage tote	up to 18" extension & 8" drop
16144203	tri-ball black tote	up to 12" L X 8"W X 5"H



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Cast Blast

Provides a new cast iron or aluminum appearance to rebuilt parts. Perfect for cylinder heads, blocks, alternators, calipers, water pumps and other cast iron or aluminum parts. Heat resistant and formulated for quick drying.

part no	description	color	size
13016048	paint	flat black	16 oz.
13016055	paint	aluminum	16 oz.



Industrial MRO High Solids Paint

Higher concentrate of paint solids per can. The higher solid content provides a superior single coat coverage that saves time and money with fewer cans and coats needed per application. Gloss finish and retains original color under normal weather conditions. The paint withstands high humidity, splash and spray, but not recommended for continual immersion. Rated up to 121°C (250°F) dry heat.

part no	description	color	size
13201407	high solids primer	red oxide	20 oz.
13201431	high solids primer	light gray	20 oz.
13201413	high solids paint	gloss white	20 oz.
13201415	high solids paint	gloss black	20 oz.
13201417	high solids paint	dark machinery gray	20 oz.
13201419	high solids paint	safety yellow	20 oz.
13201423	high solids paint	safety red	20 oz.
13201433	high solids paint	flat black	20 oz.
13201686	high solids paint	school bus yellow	20 oz.



Reflective Spray Paint Coating

Water-based paint that provides a durable reflective finish. Ideal for outdoor use and is resistant to gasoline and intermittent water submersion. For the best reflective results, apply over aluminum base coat or clean metal. Can be used on ramps, steps, ladder rungs, railings, ceramic and fiberglass.

part no	description	color	size
13016511	reflective coating	clear	16 oz.
13016516	reflective coating	yellow	16 oz.
13016532	aluminum base coat	-	16 oz.



Galvanized Coating & Primer

Restore the look of weathered galvanized metal with galvanized coating and primer. The enhanced formula provides an excellent cosmetic enhancement to chain link fences, guard rails, and water pumps. The Spray-Galv weld thru primer is a cold galvanized primer that contains 86% Type I inorganic zinc in the dried paint film. Shiny Galv also prevents rust and provides excellent outdoor protection.

part no	description	color	size
13016845	Spray Galv standard	flat gray	16 oz.
13016841	Spray Galv shiny	shiny gray	16 oz.



Ceiling Tile Coating

Water based paint that will cover and restore ceiling tiles to their original new look. The coating is fast drying and can be sprayed upright with no warping or sagging of the tiles. For use on both textured and acoustic tiles. Can also be used to cover stains on drywall crown moldings.

part no	description	color	size
13020052	ceiling tile paint	old white	20 oz.



Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.



Brake Cleaner

Quickly cleans and degreases both drum and disc brakes without disassembly. Dissolves brake fluid, oil, grease and other contaminants, leaving no residue. Non-corrosive to metals.

part no.	size
13066200	18 oz

Not for sale in CA or other states governed by the Ozone Transport Commission



Carb/Choke Cleaner

Quickly removes fuel system gum and varnish deposits. Cleans the carburetor, automatic choke and PCV valves with a simple spray. Safe for oxygen sensors and catalytic converters, and leaves no residue.

part no.	size
13066220	16.5 oz

Not for sale in CA or other states governed by the Ozone Transport Commission



13064112 13064132

Brake Fluid

For use on US and foreign vehicles where DOT 3 Fluid is specified. Exceeds the Federal specification VV-B-680 and SAE SPEC J1703. Available in 12 and 32 ounce bottles and meets the DOT-3 Federal Standard FMVSS #116.

part no.	size
13064112	12 oz
13064132	1 qt



13064212 13064232

Power Steering Fluid

Specially formulated to help keep power steering units operating smoothly and quietly. Contains anti-wear, anti-foaming and anti-corrosion additives. Meets service requirements of GM, Ford and Chrysler.

part no.	size
13064212	12 oz
13064232	32 oz



Marvel Mystery Oil

Gas and oil additive that helps improve the overall performance of your vehicle. It lubricates the entire fuel system and when added to your fuel will reduce the amount of varnish and gum build-up.

part no.	size
13064013	1 qt



Starting Fluid

Aids in starting the engine with a special formulation containing upper engine lubricant. Suitable for both gas and diesel. Temperature rating: -45°C (-65°F).

part no.	size
13064316	11 oz



White Lithium Grease

Multi-purpose, long-lasting lithium grease for metal to metal applications. Helps reduce friction and helps eliminate rust and corrosion.

part no.	size
13065016	13 oz



Marvel Mystery Air Tool Oil

Protect piston and rotary type air tools from the savages of the environment. Prevents rust formation in air tools while providing lubrication for smoother starting and longer lasting tools.

part no.	size
13064085	1 qt



Rubberized Undercoat

Formulated to provide a long-lasting, tough, flexible and sealed protection. Applying to undercarriage also helps reduce road noise. Installation is simple: point and spray.

part no.	size
13065020	18 oz



Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.



13110054

Spray Lubricant

WD-40® has multiple uses and is most commonly used as a rust penetrant or lubricant. It can also be used as a cleaner to remove paint, varnish, carbon, gum and is safe for all metal surfaces.

part no.	size
13110054	8 oz
22031DL	12 oz



13062421 13062422

Threadlocker

Blue threadlocker is an all-purpose, medium strength additive that prevents parts from loosening due to vibration, protects against corrosion, and is ideal for ¼" and larger applications that require disassembly with hand tools. Red threadlocker is a high-strength additive that provides heavy-duty, vibration proof, permanent locking to studs and threaded fasteners ideal for ¾" to 1" applications not requiring periodic assembly as heat or special tools needed for disassembly.

part no.	description	size
13062421	blue, medium strength	6 ml
13062422	blue, medium strength	50 ml
13062711	red, high strength	6 ml
13062712	red, high strength	50 ml



13062711 13062712

Anti-Seize Compound

Prevents seizing, galling and corrosion and makes disassembly of components easier. Used on engine bolts, nuts, fittings, studs and pins. Withstands temperatures from -54°C to 1093°C (-65°F to 2000°F) and meets MILS-A907E specs.

part no.	size
13065133	8 oz



Trim Adhesive

Fast drying and can be used to bond most types of automotive trim. The adjustable spray pattern allows for easy and accurate application on fabrics, foam, upholstery, carpet, vinyl tops and other non-metal surfaces.

part no.	size
13062080	17 oz

Not for sale in CA or other states governed by the Ozone Transport Commission



Silicone Gasket Makers

Blue silicone gasket maker replaces most pre-cut gaskets and increases the sealing ability of cut gaskets. It withstands temperature extremes of -62°C to 315°C (-80°F to 600°F), intermittent to 315°C (600°F) only. Red silicone gasket maker is designed for gasket applications subject to high temperatures and pressures. Red gasket maker is rated to -62°C to 343°C (-80°F to 650°F), intermittent to 343°C (650°F) only. Both are safe for use on all sensor equipment and computer controlled vehicles.

part no.	description	size
13061061	blue silicone gasket maker	3 oz
13061071	red silicone gasket maker, high temp	3 oz



13061061



13061071

Silicone Adhesive Sealants

Create a strong, lasting, weather resistant bond. Clear and black adhesive sealants insulate, seal and bond glass, metal, plastics, rubber, vinyl and fabrics. They dry tough and flexible and can be used as gasket makers. Clear and black sealants are rated to -62°C to 315°C (-80°F to 600°F), intermittent to 315°C (600°F) only.

part no.	description	size
13061091	clear silicone adhesive sealant	3 oz
13061111	black silicone adhesive sealant	3 oz



13061091



13061111



Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.



Grille Guards

The grille guards are designed as a one-piece build and are vehicle-specific to perfectly fit every bend and contour of your ride. The standard ARIES grille guards are available in two finishes: polished stainless steel or semi-gloss black. The polished stainless steel is manufactured with 304 stainless steel making the guards resistant to rust and corrosion. The semi-gloss black guards are made with high-strength carbon steel for added strength and the semi-gloss finish protects against the elements and prevents rust and scratches. The Pro Series guards are designed with a patented center crossbar that has the ability to house an LED light bar that accepts one or more single-row light bars up to 20" long.



Running Boards

ARIES running boards are designed with vehicle-specific mounting brackets to give a custom fit to your truck or SUV. The running boards are created with a high-strength, carbon steel construction for lasting strength and durability. The AdvantEDGE side bars have a more angular design with an all-aluminum construction. This construction gives them a lightweight but durable build to face and outlast the elements.



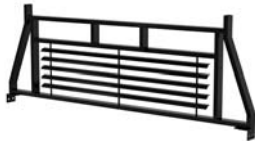
JEEP Products

Some Jeep-specific accessories include tubular bumpers and doors, roof light bars, security cargo lids, fender flares, and more. Front and rear modular bumper kits are available with varying design options. Most of the Jeep-specific products and accessories are available in a textured black powder coat finish that hides scratches and dirt while protecting from the off-road elements.



Side Bars

The wheel-to-wheel side bars are made to span the entire length of your vehicle's wheelbase to give an enhanced appearance and meet all of your utility needs with easy access to the truck bed. ARIES Big Step side bars are designed to be heavy-duty and stronger than your average side bar to give your truck a more aggressive look with high-level strength.



Headache Racks

Headache racks feature a sturdy and durable design and are manufactured with high-quality materials. Get a unique look with an ARIES headache rack or AdvantEDGE rack. The all-aluminum construction and eight-side, 5-1/2" wide tube profile, along with a solid mount system gives your vehicle the protection it needs. They feature a unique mounting system to allow mounting of aftermarket lights along the top edge. The stake pocket mounting system anchors to the wall of your truck bed to provide a secure installation with dependable strength.



Bull Bars

The vehicle-specific, custom-fit design means each bull bar is constructed to bend and mount to the shape of your make and model vehicle. The bull bars are mounted using pre-existing factory holes found in your vehicles frame to prevent additional drilling and to provide maximum stability.

The 3" bull bars are the standard option and are made with heavy-wall steel tubing. The Big Horn 4" series is manufactured with a hefty 4" diameter tube for a bold look. The ProSeries bull bars are designed to meet the needs of an off-road vehicle. Finally, the Stealth Bar series was designed and manufactured to outlast cold climates and passed a rigorous salt spray test to ensure it can endure the frozen tundra.



Removable Universal Mud Flaps

ARIES mud flaps are designed to fit varying situations with their universal design and quick-release removal system. Each ARIES mud flap mount features a universal bracket with four holes, allowing it to be mounted on almost any truck or SUV. ARIES mud flaps are designed with carbon steel and a powder coat finish making them strong and durable.



Seat Defenders

ARIES Seat Defenders provide a universal, seat protection system that can be readily installed and removed as you need them. The Seat Defender provides a level of defense against interior elements including dirt, spills, and other messes.

CURT Hitch Selection



Scan for pricing or go to www.delcity.net/catalogpricing



Curt trailer hitches offer the best quality and dependability in towing. Easily find trailer hitches for the make and model of your car, truck and RV, as well as, trailer hitch parts and accessories for hooking your towing application.



Quickly find the receiver you need at delcity.net and utilize the simple and easy hitch selector guide.

View the inside catalog cover for Prop 65 Warning.

1 1/4 INCH CLASS 1



GTW Up to 2,000 lbs. **TW** Up to 200 lbs. Pin & clip included when receiver hitch is ordered with suggested ball mount

1 1/4 INCH CLASS 2



GTW 2,500 - 3,500 lbs. **TW** 250 - 350 lbs. Pin & clip included when receiver hitch is ordered with suggested ball mount

2 INCH CLASS 3



GTW 3,500 - 8,000 lbs. **TW** 350 - 800 lbs. **WD** Up to 12,000 lbs. **WD TW** Up to 1,200 lbs.

2 INCH HEAVY DUTY HD



GTW 10,000 - 12,000 lbs. **TW** 1,000 - 1,200 lbs. **WD** 12,000 - 14,000 lbs. **WD TW** 1,200 - 1,400 lbs.

2 INCH XTRA DUTY XD



GTW Up to 15,000 lbs. **TW** Up to 1,500 lbs. **WD** Up to 16,000 lbs. **WD TW** Up to 1,600 lbs.

2 1/2 INCH COMMERCIAL DUTY CD



GTW Up to 18,000 lbs. **TW** Up to 1,800 lbs. **WD** Up to 18,000 lbs. **WD TW** Up to 1,800 lbs.

2 INCH FRONT MOUNT



GTW 3,000 - 5,000 lbs. **TW** 300 - 500 lbs. **WD** Not available **SLP** 9,000 lbs. straight line pull

2 INCH RECREATIONAL VEHICLE



GTW 3,500 - 5,000 lbs. **TW** 350 - 500 lbs. **WD** 3,500 - 6,000 lbs. **WD TW** 350 - 600 lbs.

trailer hitches & accessories

Free Shipping Over \$99

1-2 Day Delivery

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Efficient Global Fulfillment

Hitch Selection by Trailer Size

Hitch Selection Guide









Use this table to select the correct class of hitch for your vehicle. Refer to not only vehicle type, but also the trailer(s) that you will be towing. See the CURT hitch application guide at delcity.net/curt for specific hitch availability.







Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.

Trailer Types				
Weight Ratings	Class I 2,000 lbs. GTW 200 lbs. TW	Class II 3,500 lbs. GTW 350 lbs. TW	Class III 3,500 - 6,000 lbs. GTW 350 - 600 lbs. TW	Class IV & V 6,000 lbs. - 18,000 lbs. GTW 600 - 1,800 lbs. TW
 Subcompact/ Compact cars	Class I trailer hitches			
 Sedans/ Minivans	Class I trailer hitches	Class II trailer hitches	Class III trailer hitch with weight distribution hitch	
 Light trucks/SUVs	Class I trailer hitches	Class II trailer hitches	Class III trailer hitch with weight distribution hitch	
 Full size pickups/ Utility vehicles	Class I trailer hitches	Class II trailer hitches	Class III trailer hitch with weight distribution hitch	Class III trailer hitch with weight distribution hitch or Class IV-V trailer hitch

Classes	Class I: Up to 2,000 lbs. GTW
	Class II: 2,500 - 3,500 lbs. GTW
	Class III: 3,500 - 8,000 lbs. GTW
	Class IV & V: 10,000 - 12,000 lbs. GTW
	Xtra Duty & Xtra Duty Plus: 16,000 - 17,000 lbs. GTW
	Commercial Duty & Commercial Duty Plus: 18,000 - 20,000 lbs. GTW

Estimated Trailer Weight by Length										
 Pop-up camper	11'	12'	13'	14'	15'	16'				
	1,100 lbs.	1,200 lbs.	1,300 lbs.	1,400 lbs.	1,500 lbs.	1,600 lbs.				
 Small camper	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
	2,100 lbs.	2,400 lbs.	2,700 lbs.	3,000 lbs.	3,300 lbs.	3,600 lbs.	3,900 lbs.	4,200 lbs.	4,500 lbs.	4,800 lbs.
 Large camper	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
	2,800 lbs.	3,200 lbs.	3,600 lbs.	4,000 lbs.	4,400 lbs.	4,800 lbs.	5,200 lbs.	5,600 lbs.	6,000 lbs.	6,400 lbs.
 5th Wheel	Refer to owner's manual for weight specification, towing capabilities and limitations									

For more information, contact the CURT Technical Support line at 800.798.0813.

Understanding Towing

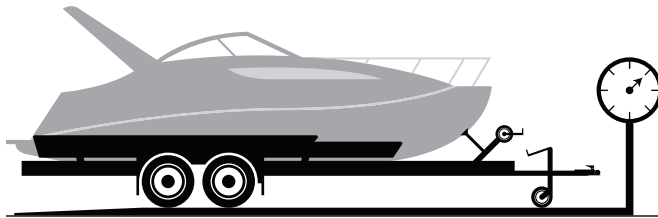
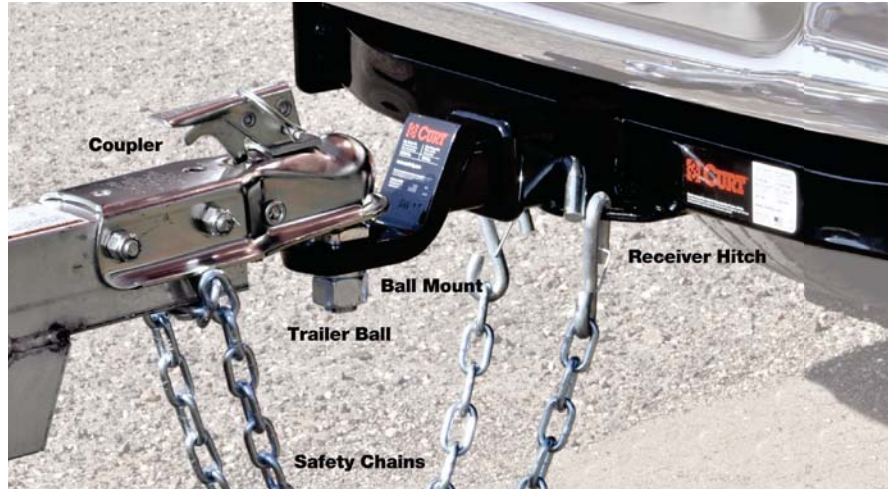


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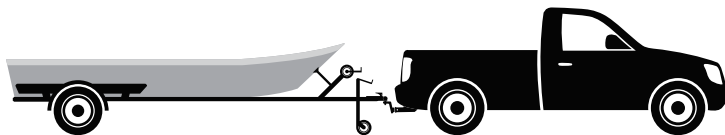
View the inside catalog cover for Prop 65 Warning.

It is very important to review an operator's manual before purchasing a towing system. The vehicle manual has helpful information about your vehicle's capabilities and limitations. Please be aware of the different laws and restrictions which exist when towing from state to state. The State Patrol is a good resource for information.



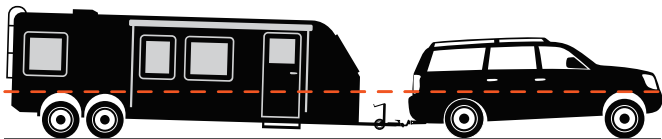
Gross Trailer Weight (GTW)

The gross trailer weight is the weight of the trailer and cargo. Measure this by putting the fully loaded trailer on a vehicle scale.

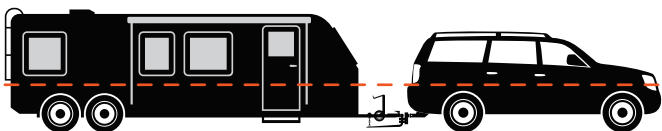


Weight Carrying (WC)

The total weight of both the trailer and the cargo inside. Never exceed the weight capacity of your trailer hitch. This applies to loads without a weight distribution hitch installed.



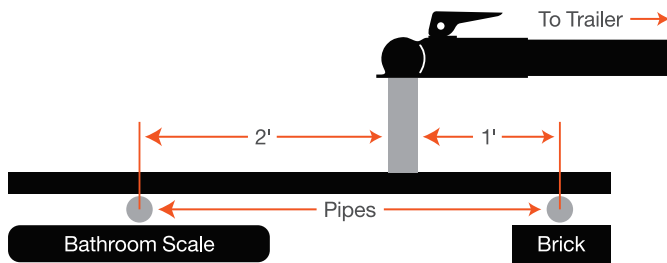
Without weight distribution



With weight distribution

Weight Distribution (WD)

Used to balance the weight of the cargo between the front and rear wheels throughout the trailer, allowing for better steering, braking and level riding. Not to be used on class I or II receiver, or with surge brakes.



Tongue Weight (TW)

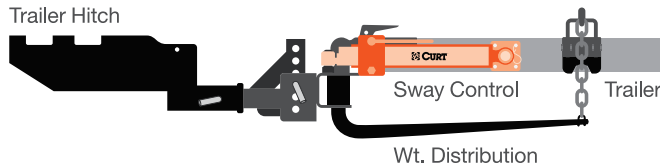
The downward force exerted on the hitch ball by the coupler. The tongue weight will vary depending on where the load is positioned in relationship to the trailer axle(s). To measure the tongue weight, use either a commercial scale or a bathroom scale with the coupler at towing height. When using a bathroom scale, use the method shown and multiply the scale reading by three.



Scan for pricing or go to www.delcity.net/catalogpricing

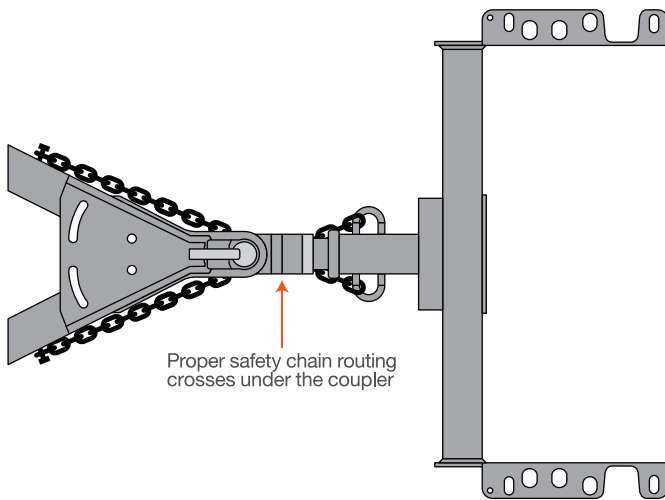


View the inside catalog cover for Prop 65 Warning.



Sway Control

A device used to reduce the lateral movements of the trailer that are caused by the wind. This may be used in conjunction with a weight distribution hitch or alone. Do not use this on a class I or II hitch, or with surge brakes.

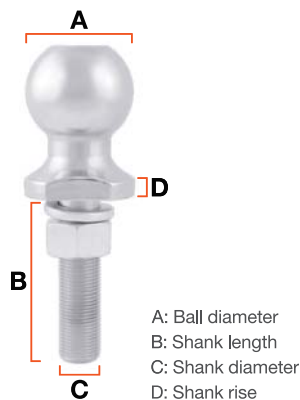


Safety Chains

Safety chains are required by law and should be crossed under the tongue of the trailer so that the tongue will not drop to the road if it becomes separated from the hitch. Always leave enough slack so you can turn. Never allow the safety chains to drag on the ground and never attach the chains to the bumper. Trailer classification: safety chain breaking force—minimum

- Class I: 2,000 lbs. (8.9 kN)
- Class II: 3,500 lbs. (16.5 kN)
- Class III: 5,000 lbs. (22.2 kN)

Each safety chain or safety cable must equal or exceed the GTW of the trailer.



Trailer Balls

Connection from the hitch to the trailer. There are many factors that determine the correct hitch ball:

- Most important is the hitch ball's gross trailer weight rating.
- The mounting platform must be at least 3/8" thick.
- The hole diameter must not be more than 1/16" larger than the threaded shank.

Every time you tow, check the nut and lock washer to make sure they are fastened securely.



Scan for pricing or go to www.delcity.net/catalogpricing



View the inside catalog cover for Prop 65 Warning.



Ball Mounts

The ball mount is placed inside the opening of the receiver hitch which is mounted to the vehicle. Make sure a hitch pin and clip is properly securing the ball mount to the receiver hitch before you begin towing.



Couplers

The component that is placed over the trailer ball to connect the vehicle to the trailer. Coupler size must match the size of the hitch ball. Ensure the coupler handle is securely fastened. Trailer coupler size determines trailer ball size. Be sure your coupler is properly adjusted to the ball you are using.



Bumper Hitches

The hitch application is used only for light weight towing, including bike racks and cargo carriers. Towing should not exceed vehicle bumper's gross towing weight. Hitch capacities are limited to bumper capacities. Do not use a weight distribution hitch with these products.



Hitch Pins/Locks

For securing all ball mounts to receiver style hitches. Hitch locks protect against ball mount theft.



Receiver Hitches

The primary device attached to the vehicle, which allows you to tow. It is very important to choose the correct class of receiver hitch. Gross trailer weight and tongue weight will determine the hitch that is needed. Do not exceed the lowest rating of any component of your towing system. See the CURT hitch application guide at delcity.net/curt for specific hitch availability.

Class 1

Ball Mount, Pin & Clip Included
Up to 2,000 lbs. GTW
Up to 200 lbs. TW
1 1/4" Receiver Tube

Class 2

Ball Mount, Pin & Clip Included
2,500–3,500 lbs. GTW
250–350 lbs. TW
1 1/4" Receiver Tube

Class 3

(Round Tube)
3,500–8,000 lbs. GTW
350–800 lbs. TW
Up to 12,000 lbs. WD
Up to 1,200 lbs. WDTW
2" Receiver Tube

Heavy-Duty

10,000–12,000 lbs. GTW
1,000–1,200 lbs. TW
12,000–14,000 lbs. WD
1,200–1,400 lbs. WDTW
2" Receiver Tube

Xtra Duty

Up to 15,000 lbs. GTW
Up to 1,500 lbs. TW
Up to 16,000 lbs. WD
Up to 16,600 lbs. WDTW
2" Receiver Tube

Commercial Duty

Up to 18,000 lbs. GTW
Up to 1,800 lbs. TW
Up to 18,000 lbs. WD
Up to 1,800 lbs. WDTW
2 1/2" Receiver Tube







Front Mount

Up to 5,000 lbs. GTW
Up to 500 lbs. TW
9,000 lbs. Straight Line Pull
2" Receiver Tube

RV Receiver Hitches

3,500–5,000 lbs. GTW
350–500 lbs. TW
3,500–6,000 lbs. WD
350–600 lbs. WDTW
2" Receiver Tube

Estimated Trailer Only Weights

 Boat trailer	Aluminum trailer 12-15 feet - Trailer weight: 200 lbs. 16-20 feet - Trailer weight: 300 lbs.	Fiberglass trailer Up to 17 feet - Trailer weight: 200 lbs. 18-20 feet - Trailer weight: 300 lbs. 21-22 feet - Trailer weight: 570 lbs. 22-24 feet - Trailer weight: 670 lbs.
 Utility trailer	Single axle 8 feet - Trailer weight: 320 lbs. 10 feet - Trailer weight: 360 lbs.	Tandem axle 12 feet - Trailer weight: 1,200 lbs. 16 feet - Trailer weight: 1,300 lbs. 20 feet - Trailer weight: 1,500 lbs.
 Recreational vehicle	Motorcycles, ATVs, Personal watercraft, Snowmobiles Carries two (8 feet) - Trailer weight: 350 lbs. Carries four (14 feet) - Trailer weight: 980 lbs.	
 Toyhauler	Toyhaulers 20 feet - Trailer weight: 4,100 lbs. 28 feet - Trailer weight: 6,600 lbs. 37 feet - Trailer weight: 12,000 lbs.	
 Livestock/Horse	Livestock trailers (gooseneck pull) 16 feet - Trailer weight: 3,500 lbs. 20 feet - Trailer weight: 4,000 lbs. 28 feet - Trailer weight: 5,000 lbs. 36 feet - Trailer weight: 7,200 lbs.	Horse trailers (bumper pull) One horse - Trailer weight: 1,800 lbs. Two horses - Trailer weight: 3,100 lbs. Four horses - Trailer weight: 4,500 lbs.
 Camper/5th Wheel	Campers 11 feet - Trailer weight: 1,200 lbs. 17 feet - Trailer weight: 2,300 lbs. 23 feet - Trailer weight: 4,200 lbs. 30 feet - Trailer weight: 4,800 lbs.	5th wheels 26 feet - Trailer weight: 5,900 lbs. 31 feet - Trailer weight: 7,800 lbs. 35 feet - Trailer weight: 10,200 lbs.



 View the inside catalog cover for Prop 65 Warning.

Passenger Car & Truck Styles

Trunk hinges below window



Trunk hinges at roof (including window)



Truck: Chassis design



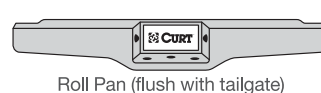
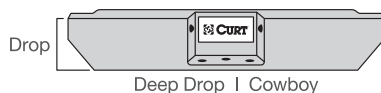
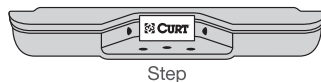
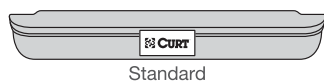
Truck: Cab design



Vans, Minivans SUVs and CUVs



Bumper Styles



Towing Components



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CURT17109

Replacement Hardware

part no.	description
CURT17109	round bar retainer (2 clips, pins & rivets)
CURT17114	1" rivet for round bar
CURT17150	bolt kit for round bar hitch
CURT17312	head angle adjustment upgrade kit
CURT17314	conical washers, set of 4
CURT17350	bolt kit for trunnion style WD hitch



CURT48180

WD Replacement Shank

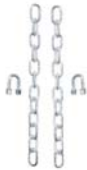
part no.	description	drop max	rise max	length
CURT17100	black replacement shank	2"	6"	12"
CURT17102	black replacement shank	2"	6"	14"
CURT17103	black replacement shank	2"	6"	16"
CURT17120	black replacement shank	5 ⁵ / ₈ "	8 ⁷ / ₈ "	12"
CURT17121	black replacement shank	6"	10 ¹ / ₄ "	14"
CURT17122	black replacement shank	6"	10 ¹ / ₄ "	16"
CURT17123	black replacement shank	7"	10 ¹ / ₂ "	9"
CURT17124	black replacement shank	8 ³ / ₄ "	—	11"
CURT17125	black replacement shank	14 ¹ / ₂ "	—	10"



CURT17112

WD Replacement Hook-Up Brackets

part no.	description
CURT17112	lift handle
CURT17008	replacement weight distribution hookup
CURT17208	for use on trailers with LP tanks or other obstructions



CURT17111

WD Replacement Chain & U-Bolts

part no.	description
CURT17111	hardware replacement parts, ³ / ₈ " lock-nuts, washers, chains and u-bolts



CURT17107

WD Replacement Heads

part no.	description
CURT17107	round bar replacement head
CURT17307	trunnion bar replacement head



CURT25128

Posi-Lock Couplers

part no.	description	GTW/TW lbs
CURT25128	coupler, 1 ⁷ / ₈ " ball, 2" channel	2,000/200
CURT25105	coupler, 1 ⁷ / ₈ " ball, 2 ¹ / ₂ " channel	2,000/200
CURT25131	coupler, 1 ⁷ / ₈ " ball, 3" channel	2,000/200
CURT25153	coupler, 2" ball, 2" channel	3,500/500
CURT25135	coupler, 2" ball, 2 ¹ / ₂ " channel	3,500/500
CURT25138	coupler, 2" ball, 3" channel	3,500/500
CURT25100	coupler, 2" ball, 3" channel	5,000/700



CURT25101

A-Frame Couplers

part no.	description	bar style	TW lbs
CURT25101	2" ball, A-frame coupler, zinc finish	posi-lock	5,000/700
CURT25210	2" ball, A-frame coupler, black finish	posi-lock	5,000/700
CURT25200	heavy-duty, 2 ⁵ / ₁₆ " ball, A-frame coupler, black finish	easy-lock	10,000/1,500



Scan for pricing or go to www.delcity.net/catalogpricing



CURT25217

Sleeve-Lock A-Frame Couplers

part no.	description	GTW/TW lbs
CURT25217	2" ball A-frame coupler	7,000/1,050
CURT25227	heavy-duty, 2 ⁵ / ₁₆ " ball A-frame coupler	12,500/1,875



View the inside catalog cover for Prop 65 Warning.



CURT25319

Adjustable Sleeve-Lock Channel Couplers

part no.	description	GTW/TW lbs
CURT25319	2" ball adjustable sleeve-lock coupler, black	7,000/1,050
CURT25329	heavy-duty, 2 ⁵ / ₁₆ " ball adjustable sleeve-lock coupler, black	12,500/1,875
CURT25328	heavy-duty, 2 ⁵ / ₁₆ " ball adjustable coupler	15,000/2,250
CURT25388	hardware for adjustable couplers	—

Marine Jacks



CURT28101

part no.	description	bracket height	travel	wheel size	capacity lbs
CURT28101	marine jack, zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	6"	1,000
CURT28113	marine jack, zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	6"	1,200
CURT28114	marine jack, 600 salt spray resistant zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	6"	1,200
CURT28116	marine jack, zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	8"	1,500
CURT28118	marine jack, 600 salt spray resistant zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	6"	1,500
CURT28156	marine jack, zinc finish, packaged	12 ¹ / ₂ "	12"	dual 6"	1,500
CURT28100	marine jack, zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	6"	1,000
CURT28112	marine jack, zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	6"	1,200
CURT28115	marine jack, zinc finish, packaged	12 ¹¹ / ₁₆ "	10"	8"	1,500
CURT28155	marine jack, zinc finish, packaged	12 ¹ / ₂ "	12"	dual 6"	1,500

A-Frame Jacks



CURT28200

part no.	description	wind	bracket height	travel	capacity lbs
CURT28203	A-frame jack, black handle, packaged	top	9"	15"	2,000
CURT28200	A-frame jack, black handle	top	8"	14"	2,000
CURT28202	A-frame jack, black handle	top	9"	15"	2,000
CURT28204	A-frame jack, black handle	side	9"	14 ¹ / ₂ "	2,000
CURT28250	A-frame jack, black handle	top	10 ¹ / ₂ "	14"	5,000
CURT28255	A-frame jack, red claw	top	12 ¹ / ₂ "	15"	5,000



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CURT28320



CURT28302



CURT28272



CURT28276



CURT28570



CURT15901



CURT82943



CURT82940

Pipe Mount Swivel Jacks

part no.	description	wind	bracket height	travel	capacity lbs
CURT28323	weldable, pull pin swivel jack, red claw, packaged	top	15"	9/16"	2,000
CURT28351	weldable, pull pin swivel jack, red claw, packaged	top	10"	9/16"	5,000
CURT28320	weldable, pull pin swivel jack, red claw, bulk	top	10"	9/16"	2,000
CURT28321	weldable, pull pin swivel jack, black handle, bulk	side	10"	9/16"	2,000
CURT28322	weldable, pull pin swivel jack, red claw, bulk	top	15"	9/16"	2,000
CURT28324	weldable, pull pin swivel jack, black handle, bulk	side	15"	9/16"	2,000
CURT28350	weldable, pull pin swivel jack, red claw, bulk	top	10"	9/16"	5,000
CURT28354	weldable, pull pin swivel jack, black handle, bulk	side	10"	5/8"	5,000
CURT28356	weldable, pull pin swivel jack, red claw, bulk	top	15"	5/8"	5,000
CURT28358	weldable, pull pin swivel jack, black handle, bulk	side	15"	5/8"	5,000

Bracket Mount Swivel Jacks

part no.	description	wind	travel	capacity lbs
CURT28301	weldable swivel jack, red claw, packaged	top	10"	2,000
CURT28305	weldable swivel jack, red claw, packaged	top	15"	2,000
CURT28300	weldable swivel jack, red claw, bulk	top	10"	2,000
CURT28302	weldable swivel jack, black handle, bulk	side	10"	2,000
CURT28304	weldable swivel jack, red claw, bulk	top	15"	2,000
CURT28306	weldable swivel jack, black handle, bulk	side	15"	2,000

Jack Accessories

part no.	description	GTW/TW lbs
CURT28271	jack foot for 2" tube, bolt on	2,000
CURT28273	jack foot for 2" tube, 1 ¹¹ / ₁₆ " tall	2,000
CURT28275	jack foot for 2" tube, 8.5" tall	2,000
CURT28277	caster assembly w/6" x 2" poly wheel, 2" tube	1,200
CURT28279	3/8" safety pin	—
CURT28270	jack foot for 2" tube, bolt on	2,000
CURT28272	jack foot for 2" tube, 1 ¹¹ / ₁₆ " tall	2,000
CURT28274	jack foot for 2" tube, 8.5" tall	2,000
CURT28276	caster assembly w/6" x 2" poly wheel, 2" tube	1,200
CURT28278	3/8" safety pin	—

Direct Weld Jacks

part no.	description	wind	travel	support capacity lbs	lift capacity lbs
CURT28512	heavy-duty, direct weld jack w/spring return, black handle	side	12 1/2"	12,000	10,000
CURT28570	direct weld drop leg jack, red claw	top	15"	8,000	7,000
CURT28575	direct weld drop leg jack, black handle	side	15"	8,000	7,000

Universal Weld Hitch

part no.	description	drop	width min	width max	GTW/TW lbs
CURT15901	heavy-duty, weld-on hitch, class v rated, 2" x 2" receiver tube	5"	18"	43"	12,000/1,200
CURT15902	heavy-duty, weld-on hitch, class v rated, 2" x 2" receiver tube	13 1/2"	18"	43"	12,000/1,200
CURT15903	extra-duty, weld-on hitch, class v rated, 2" x 2" receiver tube	13 1/2"	18"	60"	15,000/1,500

Joining Hooks

part no.	description
CURT82940	9/0 joining link, raw finish
CURT82942	7/16" joining link, raw finish
CURT82943	9/0 joining link, zinc finish
CURT82944	7/16" joining link, zinc finish



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CURT81810

Certified S-Hooks

part no.	description	SAE class	diameter	GTW/TW lbs
CURT81260	s-hook, zinc plated	1	3/8"	2,000
CURT81640	s-hook, zinc plated	2	13/32"	3,500
CURT81270	s-hook, zinc plated	3	7/16"	5,000
CURT81620	s-hook, zinc plated	4	17/32"	7,600

* S-hooks must meet or exceed the max GTW of your trailer



CURT81840

Latched S-Hooks

part no.	description	SAE class	diameter	GTW/TW lbs
CURT81810	s-hook, zinc plated	1	3/8"	2,000
CURT81840	s-hook, zinc plated	2	13/32"	3,500
CURT81820	s-hook, zinc plated	3	7/16"	5,000
CURT81830	s-hook, zinc plated	4	17/32"	7,600

* S-hooks must meet or exceed the max GTW of your trailer



CURT82930

C-Clips

part no.	description	max load lbs
CURT82611	1/4" threaded c-clip, packaged	220
CURT82901	5/16" threaded c-clip, packaged	440
CURT82933	3/8" threaded c-clip, packaged	660
CURT82610	1/4" threaded c-clip, bulk	880
CURT82900	5/16" threaded c-clip, bulk	440
CURT82930	3/8" threaded c-clip, bulk	660
CURT82931	7/16" threaded c-clip, bulk	880
CURT82932	1/2" threaded c-clip, bulk	1,100



CURT81360

Snap Hook

part no.	description	max load lbs
CURT81360	snap hook for 5/8" ID, zinc finish	

* Hook must meet or exceed the max GTW of your trailer



CURT81560

Clevis Hook W/Safety Latch

part no.	description	SAE class	diameter	GTW/TW lbs
CURT81900	1/4" safety hook w/latch	43	1/2"	7,800
CURT81940	1/4" safety hook w/latch	70	1/2"	12,600
CURT81550	5/16" safety hook w/latch	43	3/4"	14,000
CURT81950	5/16" safety hook w/latch	70	3/4"	18,000
CURT81560	3/8" safety hook w/latch	43	1"	18,000
CURT81960	3/8" safety hook w/latch	70	1"	24,000
CURT81970	7/16" safety hook w/latch	alloy	1 1/8"	40,000
CURT81910	1/2" safety hook w/latch	43	1 1/4"	35,000
CURT81980	1/2" safety hook w/latch	alloy	1 1/4"	48,000
CURT81920	5/8" safety hook w/latch	alloy	1 1/4"	65,000
CURT81999	replacement latch for CURT81950 & CURT81960	—	—	—



CURT81330

Clevis Hooks

part no.	description	grade	working load limit
CURT81330	1/4" clevis grab hook, white zinc finish	43	2,600
CURT81340	5/16" clevis grab hook, white zinc finish	43	3,900
CURT81350	3/8" clevis grab hook, white zinc finish	43	5,400
CURT81438	3/8" clevis grab hook, yellow zinc finish	70	6,600



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CURT80300

Safety Chains W/S-Hooks

part no.	description	grade	min break force lbs	length
CURT80011	3/16" x 41" chain, with one 3/8" S-hook, pkgd	30	2,000	48"
CURT80031	1/4" x 40" chain, with one 7/16" S-hook, pkgd	30	5,000	48"
CURT80020	3/16" x 24" chain, with one 3/8" S-hook, bulk	30	2,000	27"
CURT80010	3/16" x 41" chain, with one 3/8" S-hook, bulk	30	2,000	48"
CURT80040	1/4" x 23" chain, with one 7/16" S-hook, bulk	30	5,000	27"
CURT80030	1/4" x 40" chain, with one 7/16" S-hook, bulk	30	5,000	48"
CURT80300	8/0" x 23" chain, with one 17/32" S-hook, bulk	30	7,000	27"
CURT80301	8/0" x 40" chain, with one 17/32" S-hook, bulk	30	7,000	48"

* Each chain must meet or exceed trailer GTW.

Safety Chains W/Clevis Or Latch S-Hooks



CURT80302

part no.	description	grade	min break force lbs	length
CURT80312	3/16" x 24" chain, with one 3/8" S-hook	30	2,000	48"
CURT80313	1/4" x 24" chain, with one 7/16" S-hook	30	5,000	48"
CURT80314	5/16" x 24" chain, with one 5/16" S-hook	30	2,000	27"
CURT80315	3/8" x 24" chain, with one 31" hook	30	2,000	48"
CURT80316	3/8" x 31" chain, with one 3/8" hook	30	5,000	27"
CURT80302	1/4" x 32" chain, with one 3/8" hook	30	5,000	48"
CURT80303	1/4" x 32" chain, with one 3/8" hook	30	7,000	27"
CURT80304	5/32" x 24" chain, with one 3/8" hook	30	7,000	48"

* Each chain must meet or exceed trailer GTW.

Transport Binder Safety Chains



CURT80308

part no.	description	grade	min break force lbs	length
CURT80305	5/16" x 162" chain, with two 5/16" clevis hook	70	4,700	14'
CURT80306	5/16" x 186" chain, with two 5/16" clevis hook	70	4,700	16'
CURT80307	5/16" x 234" chain, with two 5/16" clevis hook	70	4,700	20'
CURT80308	5/16" x 294" chain, with two 5/16" clevis hook	70	4,700	25'
CURT80309	3/8" x 162" chain, with two 3/8" clevis hook	70	6,600	14'
CURT80310	3/8" x 186" chain, with two 3/8" clevis hook	70	6,600	16'
CURT80311	3/8" x 234" chain, with two 3/8" clevis hook	70	6,600	20'

* Each chain must meet or exceed trailer GTW.



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CURT18030

Extended Hitch Mounted Bike Rack

CURT™ cargo management accessories allow you to increase your storage capacity by simply using the roof of your vehicle or trailer hitch receiver.

part no.	description	# of bikes	max load lbs
CURT18030	extendable bike rack w/tilt function, 1 1/4" & 2" receiver tube	2-4	90/180



CURT18033

Hitch Mounted Bike Racks

Easily install and remove the bike rack utilizing only the hitch receiver. The adjustable rubber bike cradle will not scratch the bike frame and arm cradle folds down when not in use. The tilt function allows for rear vehicle access without the rack removal. The support strap and anti-wobble base helps provide rack stability during transport.

part no.	description	# of bikes	max load lbs
CURT18029	bike rack w/tilt function, 1 1/4" & 2" receiver tube	2	90
CURT18033	bike rack w/tilt function, 1 1/4" & 2" receiver tube	3	135
CURT18034	bike rack w/tilt function, 1 1/4" & 2" receiver tube	4	180



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CURT18063

Premium Hitch Mounted Bike Rack

Easily install and remove the bike rack utilizing only the hitch receiver. The tapered arms allow mounting of smaller bike frames. An adjustable rubber bike cradle will not scratch the bike frame and the arm cradle folds down when not in use. The tilt function allows for rear vehicle access without rack removal. The anti-wobble base helps provide rack stability during transport.

part no.	description	# of bikes	max load lbs
CURT18063	bike rack w/tilt function, 2" receiver tube	3	135
CURT18064	bike rack w/tilt function, 2" receiver tube	4	180
CURT18065	bike rack w/tilt function, 2" receiver tube	5	225



CURT18013

Clamp-On Bike Rack

Easily install and remove the bike rack by clamping onto a 2" x 2" ball mount shank. An adjustable rubber bike cradle will not scratch the bike frame. Support straps included.

part no.	description	# of bikes	max load lbs
CURT18013	clamp-on bike rack, 2" x 2" receiver shank	3	135



CURT18011

Single Arm Bike Rack

Easily install and remove the bike rack utilizing the ball mount or step bumper. The coated bike cradle will not scratch the bike frame. The tilt function allows for rear vehicle access without rack removal.

part no.	description	# of bikes	max load lbs
CURT18011	single arm, tiltable, 3/4" bolt hole	2	70



CURT18050

Clamp-On Mount Bike Rack

part no.	description
CURT23666	6' x 10mm cable lock w/lock and cinch features
CURT18050	bike rack support strap
CURT18016	adjustable bike beam for various bike frames

Cargo Carriers & Accessories



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CURT18100

Bolt-Together Cargo Carriers

part no.	description	carrier dimensions	shank	capacity lbs
CURT18100	aluminum cargo carrier w/folding shank	60" x 20" x 2¾"	2" x 2"	500

* Folding carriers may interfere with rear-mounted spare tires.



CURT18131

Basket Style Cargo Carriers

part no.	description	carrier dimensions	shank	capacity lbs
CURT18145	basket cargo carrier, fixed shank, includes 2" adapter shank	48" x 20" x 6"	1¼" x 1¼" 2" adapter	500

* Folding carriers may interfere with rear-mounted spare tires.



CURT18101

Universal ATV Cargo Carrier

part no.	description	carrier dimensions
CURT18101	ATV carrier basket	41" x 26" x 6¼"



CURT18115

Roof Mounted Cargo Carrier

part no.	description	carrier dimensions
CURT18115	roof rack	41½" x 37" x 4"
CURT18117	roof rack extension	21" x 37" x 4"



CURT18202

Cargo Net

part no.	description	dimensions
CURT18202	cargo net for 60" wide carriers	43" x 24"
CURT18200	roof rack cargo net	44" x 38"
CURT18201	extended roof rack cargo net	65" x 38"



CURT22315

Anti-Rattle Kits

part no.	description
CURT22315	1¼" mount, plastic anti-rattle kit
CURT22321	2" mount, yellow zinc anti-rattle kit



CURT29007

Winch Strap

part no.	description	size	break strength lbs
CURT29007	black, nylon winch strap	2" x 20'	4,000



CURT83066

Vehicle Recover Strap

part no.	description	size	break strength lbs
CURT83066	nylon tow strap	2" x 30'	18,000



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CURT83607

Recessed Floor & Wall Tie Downs

part no.	description	capacity lbs
CURT83600	1/8" recessed tie down, zinc finish	5,000
CURT83607	steel backing plate for CURT83600, CURT83650 & CURT83740	—
CURT83650	3/16" recessed tie down, yellow zinc finish	7,500



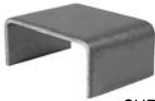
CURT83601

Recessed Rope Ring

part no.	description	capacity lbs
CURT83601	3" x 3/8" recessed mounting ring	1,200



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CURT83072

Weld-On Pocket Anchor

part no.	description	dimensions
CURT83072	pocket anchor, raw finish	1 5/8" x 3 1/2" ID



CURT83072

Recessed Rope Ring

part no.	description	dimensions
CURT83710	1/4", 16-gauge, rope ring, zinc finish	1,000
CURT83720	black plastic trim for CURT83710	—



CURT83730

Rope Rings

part no.	description	diameter	capacity lbs
CURT83731	surface mounted rope ring, zinc finish, packaged	9/40"	1,200
CURT83730	surface mounted rope ring, zinc finish, bulk	9/40"	1,200
CURT83732	surface mounted rope ring, stainless finish, bulk	9/40"	1,200



CURT83750

Forged Lashing Ring & Brackets

part no.	description	ring dimensions	ring diameter	breaking strength lbs
CURT83750	D-ring w/ weld-on bracket	4 1/4" x 4 1/4"	5/8"	18,000



CURT83740

Forged D-Ring

part no.	description	ring dimensions	capacity lbs
CURT83740	1/2" forged D-ring w/mounting bracket, yellow zinc finish	3 1/2" x 3 1/2"	11,000
CURT83742	1/2" forged D-ring w/mounting bracket, white zinc finish	3 1/2" x 3 1/2"	11,000
CURT83607	steel backing plate for CURT83600, CURT83600, CURT83650 & CURT83740	—	—
CURT83610	steel backing plate for CURT83740 & CURT83742	—	—

Trailer Wire Color Codes



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recreational vehicles 7-pole connectors

no.	color	circuits	recommended wire gauge
1	White	ground return	10 gauge
2	Blue	electric brake	12 gauge
3	Green	tail, license & running lights	14 gauge
4	Black	battery charge	10 gauge
5	Red	stop & left hand turn signal	14 gauge
6	Brown	stop & right hand turn signal	14 gauge
7	Yellow	auxiliary circuit	14 gauge

universal 6-pole connectors

no.	color	circuits
1	White	ground return
2	Brown	tail lights
3	Yellow	left turn
4	Red	stop
5	Green	right turn
6	Blue	auxiliary circuit

heavy-duty 7-pole connectors

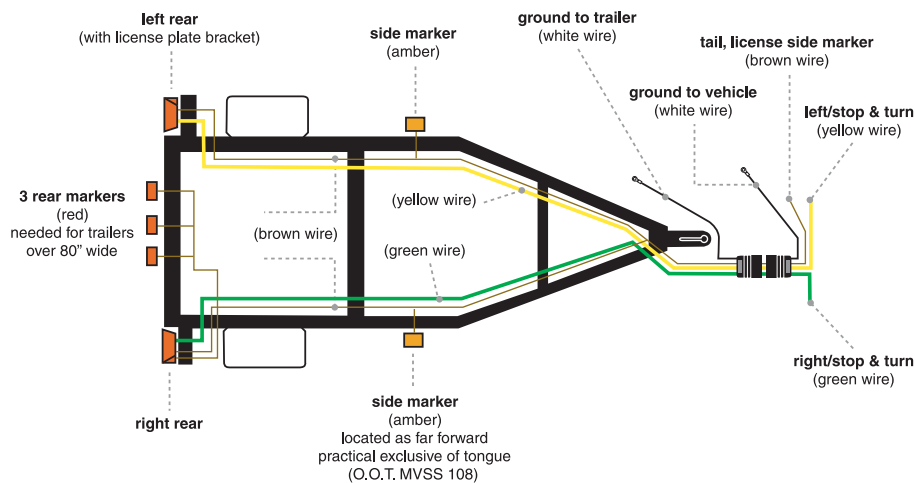
no.	color	circuits	recommended wire gauge	FMVSS-121 anti-lock
1	White	ground return	10 gauge	8 gauge
2	Black	clearance, side marker & identification lamps	12 gauge	12 gauge
3	Yellow	left turn & hazard signal	12 gauge	12 gauge
4	Red	stop lamps & anti-lock devices	12 gauge	10 gauge
5	Green	right turn signal & hazard signal	12 gauge	12 gauge
6	Brown	tail, rear clearance, marker & license plate lamps	12 gauge	12 gauge
7	Blue	auxiliary circuit	12 gauge	12 gauge

universal 4-pole connectors

no.	color	circuits
1	White	ground return
2	Green	right turn & brake lights
3	Yellow or Red	left turn & brake lights
4	Brown	tail lights

INFORMATION

NOTE: Check all circuits before operating vehicle.



TRAILER WIRING DIAGRAM

SPECIAL NOTE

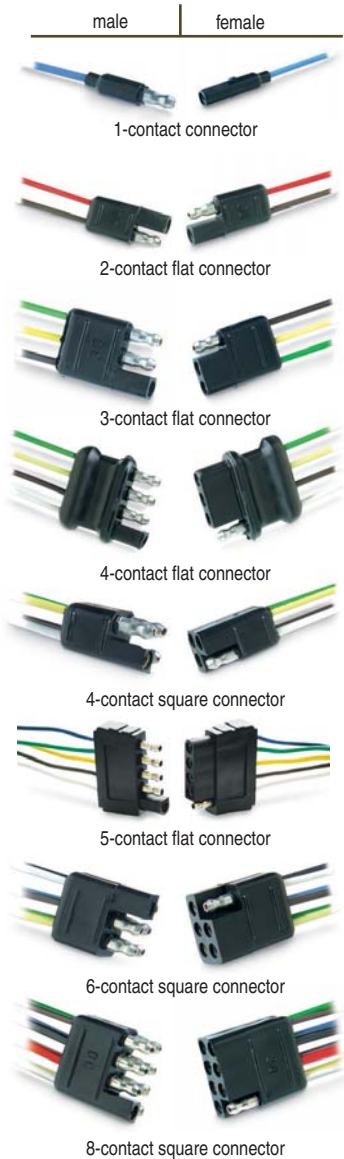
If our catalog does not have the correct wire color or gauge size needed for your application, a custom molded connector can be manufactured to your specification. Minimum order quantities will apply.



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Molded Connectors

All molded connectors are manufactured with 16 gauge copper wire, except the 8-contact connector that is manufactured with 3–12 gauge and 5–16 gauge wires. All 4-contact flat connectors are molded with an Easy Grip® for fast and easy disconnect. Color coding in accordance with SAE recommended practice. RoHS.

SPECIAL NOTE

All male connectors are shown on the left, and all female connectors are pictured on the right.

trailer = male tow vehicle = female

1-contact flat

part no.	description
74175	male end only with 8" of wire
74195	female end only with 8" of wire

2-contact flat

part no.	description
74275	male end only with 8" of wire
74295	female end only with 8" of wire
74255	male end only with 48" of wire
74285	female end only with 48" of wire
74245	female end only with 60" of wire

3-contact flat

part no.	description
74375	male end only with 8" of wire
74395	female end only with 8" of wire
74355	male end only with 48" of wire
74385	female end only with 48" of wire

4-contact flat

part no.	description
74475	male end only with 8" of wire
74495	female end only with 8" of wire
74455	male end only with 48" of wire
74485	female end only with 48" of wire
74445	female end only with 60" of wire

4-contact square

part no.	description
74075	male end only with 8" of wire
74095	female end only with 8" of wire
74055	male end only with 48" of wire
74085	female end only with 48" of wire

5-contact flat

part no.	description
74505	male end only with 8" of wire
74510	female end only with 8" of wire
74530	male end only with 48" of wire
74535	female end only with 48" of wire

6-contact square

part no.	description
74675	male end only with 8" of wire
74695	female end only with 8" of wire
74655	male end only with 48" of wire
74685	female end only with 48" of wire

8-contact square

part no.	description
74875	male end only with 8" of wire
74895	female end only with 8" of wire
74855	male end only with 48" of wire
74885	female end only with 48" of wire

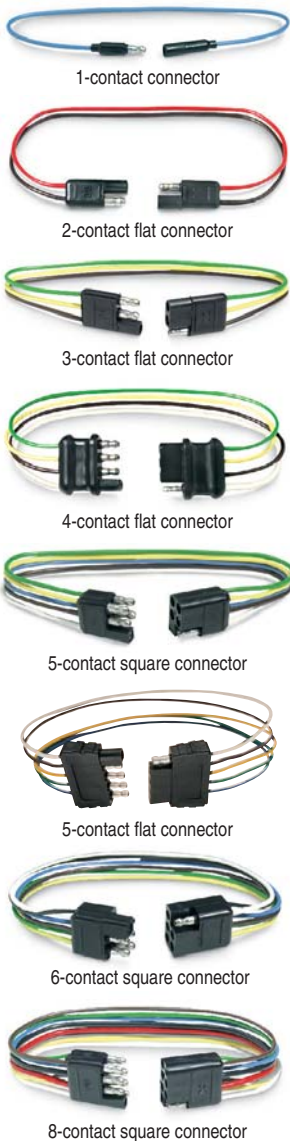
contacts	male end	wire colors	female end
2		1, brown 2, red	
3		1, green 2, yellow 3, brown	
4 flat		1, green 2, yellow 3, brown 4, white	
4 square		1, green 2, brown 3, yellow 4, white	



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Molded Connectors with a Loop

Molded trailer connectors are manufactured with a loop of 16 gauge copper primary wire between a male and female end, except 8-contact which are manufactured with 3–12 gauge and 5–16 gauge copper wires. Four-contact, flat connectors are molded with an Easy Grip® for fast and easy disconnects. Loop may be cut to the desired length for splicing into a wiring assembly. RoHS.

SPECIAL NOTE

If our catalog does not have the correct wire color or gauge size needed for your application, a custom molded connector can be manufactured to your specification. Minimum order quantities will apply.

1-contact flat

part no.	description
74115	12" loop
74165	48" loop

2-contact flat

part no.	description
74215	12" loop
74265	48" loop
74225	60" loop

3-contact flat

part no.	description
74315	12" loop
74365	48" loop
74325	60" loop

4-contact flat

part no.	description
74415	12" loop
74465	48" loop
74425	72" loop

5-contact square

part no.	description
74515	12" loop
74565	48" loop
74525	60" loop

5-contact flat

part no.	description
74520	12" loop
74540	48" loop
74560	72" loop

6-contact square

part no.	description
74615	12" loop
74665	48" loop
74625	60" loop

8-contact square

part no.	description
74815	12" loop
74865	48" loop
74825	60" loop

contacts	male end	wire colors	female end
5 square		1. green 2. blue 3. yellow 4. brown 5. white	
5 flat		1. blue 2. green 3. yellow 4. brown 5. white	
6		1. yellow 2. brown 3. white 4. green 5. blue 6. black	
8		1. green 2. blue 3. gray 4. yellow 5. brown 6. black 7. red 8. white	

red, white, black wires = 12 gauge; green, blue, brown, yellow, gray = 16 gauge



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2-6 Brake Controller Timed Electric

This brake controller works with any trailer with 2 to 6 electric brakes (1-3 axles). The time based electric control features an LED indicator that brightens as it applies force to the trailer brakes. A manual brake control lever and adjustable thumb wheel allow for output control. The solid state circuitry eliminates the need for unit to be leveled. Mounting hardware and instructions are included.

part no.	description
63001	2-6 brake controller, timed electric, LED display



2-8 Brake Controller Timed Electric - Digital

This brake controller works with any trailer with 2 to 8 electric brakes (1-4 axles). The time based electric control features an LED indicator that brightens as it applies force to the trailer brakes. A manual brake control lever and adjustable thumb wheel allow for output control. The solid state circuitry eliminates the need for unit to be leveled. Also incorporated is a self-diagnostic system that continually monitors trailer connection and checks for short circuits. Mounting hardware and instructions are included.

part no.	description
63003	2-8 brake controller, timed electric, LED display



2-8 Brake Controller Dual Axis Accelerometer

This brake controller controls any trailer with 2-8 electric brakes (1-4 axles). It uses an advanced accelerometer mechanism to sense when the vehicle is slowing and responds with the appropriate brake pressure to provide a seamless stop. Mounts in a variety of angles above or below the dash and is self-leveling - no setup required. Digital display provides brake-force details, and self diagnostics continually monitor trailer connection and check for short circuits. Simple push-button calibration with manual brake control lever and adjustable thumb wheel output control. Compatible with electric over hydraulic systems and with electronic systems (anti-lock brakes and cruise control). Mounting hardware and instructions are included.

part no.	description
63005	2-8 brake controller, dual axis accelerometer



63014



63018

Wire Harnesses

Mates your brake controller directly to your OEM's wire harness with no cutting or splicing. OEM harness includes dual mating connectors; wires are encased in slit loom.

part no.	description
63012	GM/Chevy 2002-1999
63014	Ford 2009-1994
63016	Dodge 2009-1996
63018	universal wire harness



Breakaway Kit

Includes battery, battery charger, case, breakaway switch with pin and cable and mounting hardware. Easily installs on tongue or trailer frame. Rechargeable 12V, 5 amp/hr battery. Rugged, lockable case holds battery and charger. Recommended for use on all trailers with 2, 4 or 6 electric brakes.

part no.	description
63002	breakaway kit



74993

Breakaway Switch

48" covered steel cable with loop. 48" wire leads that connect to the breakaway battery unit. Durable plastic housing mounted to steel bracket with a .250" mounting hole for easy single screw installation. For use with electric trailer brake systems.

part no.	description
63000	breakaway switch



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Trailer/Tail Light Converters

Convert your vehicle's stop/tail/turn signal outputs into the needed trailer signals. They are ideal for cars and trucks with separate bulbs for stop and turn signal operations, but need to operate trailers that utilize the same bulb for both operations. Rated up to 3A for 12V DC.

part no.	description
74991	trailer/tail light converter, 18"; 3 to 2
74995	trailer/tail light converter, 60"; 5 to 4
74993	trailer/tail light converter, 12"; 5 to 4 w/plug end



Tekonsha Zero Contact Interface Trailer Light Power Module

Sensors snap over wires to detect current and engage trailer lights. ZCI is the only product in the industry that has zero contact with the vehicle's lighting system. Works with all known vehicle systems, including standard 2 or 3 wire systems, PWM (Pulse Width Modulation) systems, multiplexing systems, and low-side switching. Rated up to 4.2A for turn/stop, and 7.5A for taillight trailer circuits.

part no.	turn/stop rating	trailer taillight rating
74997	4.2A	7.5A



Trailer Connector Adapters

Innovative one-piece molded design adapts 7, 6 or 4-way trailer connectors. Manufactured to interchange with standard trailer and molded connectors. Manufactured from nylon material for corrosion resistance. Socket material and molded connector wire lengths may vary, but the function remains the same.



part no.	description	converts socket	converts plug
73010DL	6-way round pin to 4 flat molded conn	73635	74475
73011	7-way round pin to 4 flat molded conn	73735	74475
73012	7-way mobile home/RV to 4 flat molded conn	73675	74475
73013	7-way mobile home/RV to 6-way round pin	73675	73625
73014	4-way round to 4 flat molded conn	71565	74475
73016	7-way mobile home/RV to 5 flat molded conn	73675	74505



Protective Covers

Protective covers for both male and female 4-way flat molded connectors.

part no.	description
73090	protective covers

Trailer Connector Tester

LED trailer connector tester confirms and analyzes tail light, turn signal and ground connections from your vehicle.

part no.	description
73095	4-way trailer connector tester
73097	7-way flat trailer connector tester



Knockout Connector

Four-way female molded trailer connector. Weather-proof dust cover. Mates with most 4-way conventional male plugs on the market. Molded with 30" of 16 gauge wire, it's long enough to reach either side of the towing vehicle to tap into the trailer lights. The wires are color-coded: green, yellow, brown and white. Item 70985 is very simple to install, no holes to drill. RoHS.

part no.	description
74405	knockout molded connector
70985	mounting bracket



'Kwik Connect' Jumper

36" loop of 16 gauge wire, with 4-way male connectors on each end for connecting 'knockout' connector on trailer to 'knockout' on car end. Makes a fast and easy connection.

part no.	description
74045	'kwik connect' jumper



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plug

socket

Small Trailer Connectors

2 and 4-contact, 20 amp connectors feature polarized contacts and screw connections protected by rubber boots. Length 2 1/16". 6-24 volt applications. Plug and socket supplied as a complete unit.

part no.	description
71215	2 contact, complete unit
71415	4 contact, complete unit



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9000

7-Contact Round Pin Coiled Trailer Cable

Designed to withstand the toughest environments for the heavy-duty tractor/trailer industry. The patented Xenoy® plugs are virtually destruction and corrosion proof with a temperature rating of -56°C to 204°C (-70°F to 400°F). Lightweight and a locking grit that will not disengage from a pull force of up to 480 lbs. The wire jacket resists chemicals, cutting, abrasion, gasoline, ozone, water, solvents, sunlight and is designed with a sag-proof memory coil.

part no.	description	gauge/conductor
9000	green ABS coiled cable, 12'	4-12 ga, 2-10 ga, 1-8 ga
9005	green ABS coiled cable, 15'	4-12 ga, 2-10 ga, 1-8 ga
9010	black jacket coiled cable, 12'	6-12 ga, 1-10 ga
9015	black jacket coiled cable, 15'	6-12 ga, 1-10 ga



73735



73725

7-Contact Metal Truck/Trailer Connectors

Cadmium plated socket and plug are manufactured from heavy gauge, drawn steel. Interchangeable with most brands and feature a polarizing round brass contact. The socket cover locks the plug into place when in use and remains closed when unused to keep out moisture and debris. Mounting is 2 5/16" center-to-center. Rated to 40A @ 6-28V DC.



73745



73685

part no.	description
73725	plug
73735	socket
73745	protector spring
73685	connector boot; fits 73735



73740



73731

7-Contact Nylon Truck/Trailer Connectors

Manufactured from nylon material to help eliminate corrosion, rust and poor appearance. Socket cover locks the plug into place when in use, and remains closed when unused to keep out moisture and debris. Mounting is 2 5/16" center-to-center. Rated to 40A @ 6-28V DC.

part no.	description
73731	nylon plug
73740	nylon socket, solid pin



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73675



73665



70975

7-Contact Metal Mobile Home/RV Connectors

The flat pin socket and plug are manufactured from steel material to provide strength and durability. The socket's locking latch ensures a positive connection and prevents accidental plug disengagement. Socket and plug wire connections are labeled with industry standard markings. 70975 is a rust-proof bracket for mounting 73675 socket. Rated to 20A @ 12V DC.

part no.	description
73665	plug
73675	socket
70975	mounting bracket

7-Contact Nylon Mobile Home/RV Connectors

The flat pin socket and plug are manufactured from nylon material to help eliminate corrosion, rust and overall poor appearance. The socket's locking latch ensures a positive connection and prevents accidental plug disengagement. Socket and plug wire connections are labeled with industry standard markings. 70955 is zinc-plated with an e-coating finish, for mounting with socket 73771. Rated to 20A @ 12V DC.



70955



73771



73770

part no.	description
73770	nylon plug
73771	nylon socket
70955	mounting bracket

CURT™ Multi-function Sockets w/Back-up Alarms

Replace existing RV style sockets with these multi-function sockets. Each accepts standard RV style plugs, but also incorporates a four-way molded plug, eliminating the need for easy-to-lose adapters. For added safety, a back-up alarm is manufactured into the design to alert others when vehicle is in reverse.



part no.	description	vehicle
CURT57100	7-way RV socket w/4-way molded plug	Dodge
CURT57101	7-way RV socket w/4-way molded plug	GM/Ford
CURT57102	7-way RV socket w/4-way molded plug	Universal



OEM Style RV Socket & Harness Kit

Kit includes socket, 4-ft harness with connector and mounting bracket. The 7-wire leads are color-coded to RVI standards for ease of installation. Assembly is corrosion resistant, featuring tin-plated copper alloy terminals and silicone at the rear of the socket to complete a sealed connection. Fits many popular OEM truck applications.

part no.	description
73750	OEM style RV socket and harness kit



CURT™ OEM Replacement Harnesses

Replace existing worn-out harnesses or sockets. Manufactured from nylon material for durability. Compatible with existing wiring.

part no.	description
CURT57100	7-way RV socket w/4-way molded plug
CURT57101	7-way RV socket w/4-way molded plug
CURT57102	7-way RV socket w/4-way molded plug
CURT55384	harness adds 4-way flat molded connectors
CURT56574	harness adds 5-way flat molded connectors
CURT55515	OEM replacement 4-way flat
CURT56515	OEM replacement 5-way flat
CURT55664	OEM connector, gives 6-way & 4-way multi socket
CURT55774	OEM connector, gives 7-way & 4-way multi socket
CURT55415	US car replacement socket for 7-way OEM Ford, GM & Nissan
CURT57101	7-way RV socket w/4-way molded plug



6-Contact Metal Connectors

Manufactured from die cast metal for optimal performance. The socket's positive locking latch ensures proper insertion and prevents accidental plug pull out. The split-pin design is interchangeable with competitive brands. Mounting hole is 2¹⁵/₁₆" center-to-center. 70965 is a rust-resistant bracket for 73635. Rated to 35A @ 12V DC.



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part no.	description
73625	plug
73635	socket
70965	mounting bracket



6-Contact Concealed Terminal Metal Trailer Connector

Manufactured from heavy gauge, drawn steel for optimal performance and durability. The extended barrel provides added strain relief for the wire hook-up that accepts up to 10 gauge wire. Split pin terminals mate up with competitive plugs. Rated to 35A @ 12V DC.



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part no.	description
73730	concealed terminal socket



6-Contact Plastic Connectors

An economical option for trailer connection. The plug has a matte finish and the socket is manufactured from a black plastic material for corrosion resistance. Socket also incorporates a rubberized boot to help provide additional weather resistance and wire strain relief. Designed for recreational vehicles. Mounting holes are 2¹⁵/₁₆" center-to-center. Rated to 35A @ 12V DC.



part no.	description
73765	plug
73775	socket
73695	protective boot; fits 73775
70965	mounting bracket



4-Contact Round Trailer Connectors

Manufactured from die cast metal for optimal performance. The socket's positive locking latch ensures proper insertion and prevents accidental plug pull out. The socket features a split-pin design and mounts through a 1.375" diameter hole. Mounting bolt holes are 2.875" center-to-center. Rated to 35A @ 12-24V DC.

part no.	description
71545	plug
71565	socket



4-Contact Chrome Metal Connectors

Manufactured from chrome plated zinc die cast metal for optimal performance. The socket mounts through a .960" diameter hole and the mounting bolt holes are 1.813" center-to-center. Rated to 20A @ 12V DC.



part no.	description
71575	plug
71595	socket
70965	mounting bracket



Single-contact Trailer Connectors

Provides power from battery to auxiliary equipment. Interchangeable with competitive brands. Rated for 300A continuous duty. Pin accepts up to 2/0 ga. cable (solder connection) and grounding lug is 4-2 gauge cable. Use 73745 protector spring (page 219) for strain relief on 71570.

part no.	description
71570	plug
71571	socket



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73440

73442

Locking Trolling Motor Plug & Receptacle

Provides a superior electrical connection for trolling motors. Plug "locks" into receptacle and provides a waterproof seal; screw terminals will not loosen under extreme hull vibration, and drain holes in receptacle keep water away from electrical components. Universal design for 2 or 3-wire configuration: 12, 24, 12/24, 24/36 or 36 volt systems. Corrosion-resistant, plated brass electrical components; standard 1.125" diameter mounting hole. Receptacle accepts 10 to 8 gauge wire; plug accepts 16 to 8 gauge wire.

part no.	description
73442	locking trolling motor plug
73440	locking trolling motor receptacle



73542

73540

Deluxe 12 Volt Plug & Receptacle

Plug "locks" into receptacle and provides a waterproof seal. Watertight sealing cap on the receptacle; moisture proof sealing ring on the plug. Compatible with standard 12V plug and receptacles. Plug has an internal strain relief and cord seal, with an interchangeable 10A fuse.

part no.	description
73540	locking 12V plug
73542	locking 12V receptacle



73544

73543

Dual USB Charger & Receptacle

A blue LED shows that power is available and a cover is included to prevent water and dirt from entering the ports. The Dual USB has a 12 to 24 Volt input with a 5V output, a total of 2.1A output between the two ports. The 12V receptacle included in the combination USB charger (73544) is rated to 20A, and is compatible with 12V plugs. These products are ideal for your USB charging needs and designed for longevity in harsh environments. RoHS.

part no.	description
73543	12-24V Dual USB with Mounting Plate
73544	12V Dual USB & Receptacle with Mounting Plate



73557

73558

Blue Sea Systems Dual USB Chargers

Intelligent device recognition allows the rapid charging of phones, tablets or other mobile devices. Thermal Overload Protected, Short Circuit Protected, Reverse Polarity Protected.

part no.	mount	voltage	USB	amps
73557	switch mount (BSS 1039)	12-24V	2.0, Type A	4.8A
73558	socket mount (BSS 1045) 1-1/8" hole	12-24V	2.0, Type A	4.8A



73559

Blue Sea Systems Dual USB Charger & Circuit Breaker Panel

Features a 12V socket, dual USB charger and circuit breaker. Features an illuminated 15A circuit breaker switch and pre-wired harness.

part no.	breaker	voltage	USB	amps
73559	illuminated 15A circuit breaker switch	12V	2.0, Type A	2.1A

Auxiliary 12 Volt Lighter Socket

Lighter plug with protective snap-on cover. Standard .250" push-on terminals for wire connection. 1.10" mounting hole.



part no.	description
73549	auxiliary 12V lighter socket



Snap-in Female Lighter Socket

Lighter plug with protective snap-on cover. Fast mounting expandable clips. Under dash mounting bracket included.

part no.	description
73548	snap-in female lighter socket



Blue Sea Systems 12V Mounting Bracket for Sockets

The 12V socket mounting bracket is designed to withstand the rigors of wet environments and constant vibration. Can be used as a replacement bracket for any round 12V receptacle.

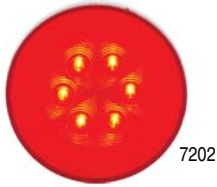
part no.	use with
73580	73558, 19012107, and 19012113



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LED 4" Round Stop, Tail, Turn Lights, Grommet Mount

These sonically sealed, waterproof 4" stop, tail, turn lights and 4" parking/turn signal lights feature a polycarbonate lens and housing. Both amber and red lights are 12.8V DC and can be mounted in any 360 degree position. 21 Diodes. Red Light Amp Draw: .375A for Stop/Turn; .145A for Tail. Amber Light Amp Draw: .315A for Turn; .143A for Parking. FMVSS: Red S2 T2 I6; Amber I6 P.

part no.	description	color
7200	LED, 4" round, 21 diodes, PL-3 Connection	amber
7201	LED, 4" round, 21 diodes, PL-3 Connection	clear/amber
7202	LED, 4" round, 21 diodes, PL-3 Connection	red
7203	LED, 4" round, 21 diodes, weathertight Connection	red
7206	LED, 4" round, 21 diodes, PL-3 Connection	clear/red
7207	LED, 4" round, 21 diodes, weathertight Connection	clear/red
7210	weathertight pigtail	-
7211	weathertight pigtail/PL-3 adapter	-
8705	3-contact pigtail plug	-
8710	3-contact right angle pigtail plug	-
8810	4" round grommet	-
7213	4" chrome grommet cover	-



LED 4" Stop, Tail, Turn Lights

Easily retrofit your existing trailer lights with these LED lights. They are manufactured with a high impact, polycarbonate lens and housing. These lights have completely sealed electronics. Each light features 9 LEDs that have an extremely low amp draw of 140 ma. Use a standard 4" grommet (8810) and male pigtails (8705, 8710) for wire connections. Rated at 12.8V DC. SAE J1395, J1398, J585e.

part no.	description	color
7400	LED, 4.25", 9 diode	red
7405	LED, 4.25", 9 diode	amber



LED 4" Stop, Tail, Turn Lights

These high count LED lights are manufactured with a high impact polycarbonate lens sonically sealed onto housing. The 5mm LEDs provide a superior illumination that can last up to 100,000 hours. The female receptacles are grease filled to help reduce corrosion at the connection point. Use a standard 4" grommet (8810) and male pigtails (8705, 8710) for wire connections. SAE J1395, J1398, J585e. Rated to 12.8V DC, 340 ma.

part no.	description	color	warranty
7500	LED, 4.25", 44 diode	red	1 year
7505	LED, 4.25", 48 diode	amber	1 year



LED 4" Stop, Tail, Turn Light 24V DC

This light is designed specifically for Fleet and OEM stop/turn/tail applications. Both housing and lens are manufactured from polycarbonate material and features nine LEDs in a flat-back, slim profile. This light provides superior illumination and can last up to 100,000 hours. Use standard 4" grommet (8810) and male pigtails (8705, 8710) for wire connections. Rated to 12V DC at 140ma or 24V DC at 80ma. SAE J1395, J1398, J585e.

part no.	description	color	warranty
7300	LED, 4.25", 10 diode	red	1 year



LED 4" Steel Case Stop, Tail, Turn Light

These 4" steel case LED stop, tail and turn lights easily retrofit existing trailer lights and truck lights. The steel case helps to protect the light and wire components as well as provide theft resistance. These lights feature sealed moisture proof electronics, polycarbonate lens and housing and a nickel plated brass connector. The 9 LEDs are rated to 12.8V DC, 140ma. DOT/SAE J1395, J1398, J585e rated.

part no.	description	color
7410	LED, 4.25" round, 9 diode	red



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7204

LED 4" Round Stop, Tail, Turn Lights, Flange Mount

These sonically sealed, waterproof 4" stop, tail, turn lights feature a polycarbonate lens and housing. 12.8V DC red lights are flange mounted for security and theft protection. 21 Diodes. Red Light Amp Draw: .375A for Stop/Turn; .145A for Tail. FMVSS: Red S2 T2 I6.

part no.	description	color
7204	LED, 4" round, 21 diodes, PL-3 connection	red
7205	LED, 4" round, 21 diodes, weathertight connection	red
7208	LED, 4" round, 21 diodes, PL-3 connection	clear/red
7209	LED, 4" round, 21 diodes, weathertight connection	clear/red
7210	weathertight pigtail	-
7211	weathertight pigtail/PL-3 adapter	-
7705	3-contact pigtail plug	-
8710	3-contact right angle pigtail plug	-
7212	stainless steel trim ring	-



7226

LED 7" Transit Lights - Surface Mount

These sonically sealed, waterproof 7" transit lights feature a polycarbonate lens and housing. Both amber and red lights are 12.8V DC and are hard-wired with a separate grounding wire. Surface mount lights with a mounting gasket. 32 Diodes. Red Light Amp Draw: .340A for Stop/Turn; .135A for Tail. Amber Light Amp Draw: .410A for Turn; .072A for Parking. FMVSS: Red S2 I6, T2, P2 A; Amber I6 P2 A.

part no.	description	color
7226	LED, 7" round, 32 diodes	red
7227	LED, 7" round, 32 diodes	amber



7216

LED 6" Oval Lights, Flange Mount

These sonically sealed, waterproof 6" stop, tail, turn lights feature a polycarbonate lens and housing. 12.8V DC red lights are flange mounted for security and theft protection. 22 Diodes. Red Light Amp Draw: .59A for Stop/Turn; .295A for Tail. FMVSS: Red S2 T2 I6.

part no.	description	color
7216	LED, 6" oval, 22 diodes, PL-3 connection	red
7217	LED, 6" oval, 22 diodes, weathertight connection	red
7221	LED, 6" oval, 22 diodes, PL-3 connection	clear/red
7222	LED, 6" oval, 22 diodes, weathertight connection	clear/red
7210	weathertight pigtail	-
7211	weathertight pigtail/PL-3 adapter	-
8705	3-contact pigtail plug	-
8710	3-contact right angle pigtail plug	-
7225	stainless steel trim ring	-



7214

LED 6" Oval Sealed Lights, Grommet Mount

These sonically sealed, waterproof 6" stop, tail, turn lights and parking/turn signal lights feature a polycarbonate lens and housing. Both amber and red lights are 12.8V DC and can be mounted in any 360 degree position. 22 Diodes. Red Light Amp Draw: .59A for Stop/Turn; .295A for Tail. Amber Light Amp Draw: .515A for Turn; .27A for Parking. FMVSS: Red S2 T2 I6; Amber I6 P.

part no.	description	color
7214	LED, 6" oval, 22 diodes, PL-3 connection	red
7215	LED, 6" oval, 22 diodes, weathertight connection	red
7218	LED, 6" oval, 22 diodes, hard-wired	red
7219	LED, 6" oval, 22 diodes, PL-3 connection	clear/red
7220	LED, 6" oval, 22 diodes, weathertight connection	clear/red
7223	LED, 6" oval, 22 diodes, PL-3 connection	amber
7224	LED, 6" oval, 22 diodes, PL-3 connection	clear/amber
7210	weathertight pigtail	-
7211	weathertight pigtail/PL-3 adapter	-
8705	3-contact pigtail plug	-
8710	3-contact right angle pigtail plug	-
8815	6" oval rubber grommet	-



7228

LED 6" Oval Sealed Stop/Tail/Turn Lights, Surface Mount

Lights are 12.8V DC and can be mounted in any 360 degree position. 22 Diodes. Red Light Amp Draw: .59A for Stop/Turn; .295A for Tail. FMVSS: Red S2 T2 I6.

part no.	description	color
7228	LED, 6" oval, 22 diodes, hard-wired	red
7229	LED, 6" oval, 22 diodes, hard-wired, female PL-3 plug	red
7230	LED, 6" oval, 22 diodes, hard-wired	clear/red
7231	stainless steel trim ring	-



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7415

LED 6" Oval Stop, Tail, Turn Lights

Up to 100,000 hours of illumination. Use standard grommet (8815) and male pigtails (8705 & 8710) for mounting and connecting. This light is rated for 12.8V DC and draws 190 ma. SAE J1395, J1398, J585e and DOT rated.

part no.	description	color
7415	LED, oval, 9 diode	red



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7510

LED 6" Oval Stop, Tail, Turn Lights

The 5mm LEDs provide a superior illumination that can last up to 100,000 hours (11 years). Use a standard oval grommet (8815) and male pigtails (8705, 8710) for wire connections. They meet SAE and DOT ratings J1395, J13998, J585e. Rated to 12.8V DC.

part no.	description	color	warranty
7510	LED, oval, 60 diode	red	1 year
7515	LED, oval, 60 diode	amber	1 year



LED 6" Oval Stop, Tail, Turn Light 12/24V DC

This light is designed specifically for Fleet and OEM stop/turn/tail applications. This light provides superior illumination and can last up to 100,000 hours. Use standard oval grommet (8815) and male pigtails (8705, 8710) for wire connections. Rated to 12V DC at 140 ma, or 24V DC at 80 ma. Meet SAE J1395, J1398, J585e.

part no.	description	color	warranty
7315	LED, oval, 9 diode	red	1 year



7930

LED Rectangle Stop, Tail, Turn Lights

The 5mm LEDs provide a superior illumination that can last up to 100,000 hours (11 years). Use a standard rectangle grommet (8820) and male pigtails (8705, 8710) for wire connections. SAE rated J845. Rated to 12.8V DC at 280ma.

part no.	description	color	warranty
7930	LED, rectangle, 52 diode	red	1 year



7232

LED 17" Thinline Stop/Tail/Turn Lights

This sonically sealed, waterproof 17" Thinline stop, tail, turn light features a polycarbonate lens and housing. This red light is 12.8V DC and is surface mounted on 16 1/8" centers. Featuring a low profile design, only 1 3/8" high x 1" thick, this light is hard-wired with a separate ground wire. 28 Diodes. Red Light Amp Draw: .634 for Stop/Turn; .445A Tail. FMVSS: S T I.

part no.	description	color
7232	LED, 17" Thinline, 28 diodes	red
7233	chrome mounting base	-



7234

LED Combination Tail Lights

Stud mount lights with mounts on 2" centers. The tail lights are 12.8V DC and hard-wired, with a separate ground wire. 25 Diodes. Red Light Amp Draw: .310A for Stop/Turn; .230A for Marker. Acrylic Lens, ABS Housing. FMVSS: Stop/Tail A I S T, Side Marker A P2, License L.

part no.	description	color
7234	25 diodes, passenger side	red
7235	25 diodes, driver side w/3-LED license plate illuminator	red



7236

LED Low Profile Combination Tail Lights

These are hard-wired with a separate ground wire. 28 Diodes. Red Light Amp Draw: .252A for Stop/Turn; .135A for Marker. Acrylic Lens, Plastic Housing. FMVSS: 7236: A I S T, P2 A. 7237: A I S T, P2A, L.

part no.	description	color
7236	28 diodes, passenger side	red
7237	28 diodes, driver side w/6-LED license plate illuminator	red

Marker & Clearance Lights



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7242

LED 2" Round Sealed Marker/Clearance Lights

These 2" round sonically sealed, waterproof LED marker/clearance lights are available in a grommet or flange mount. The 12.8V DC lights accept standard two pin PL-10 plugs. These clearance marker lights are constructed of polycarbonate for the lens and housing. 6 Diodes. Light Amp Draw: .06A. FMVSS: P2.

part no.	description	color
7242	LED marker/clearance light, 6 diodes, grommet mount	amber
7243	LED marker/clearance light, 6 diodes, grommet mount	red
7244	LED marker/clearance light, 6 diodes, flange mount	amber
7245	LED marker/clearance light, 6 diodes, flange mount	red
8700	2-contact pigtail plug	-
7246	chrome trim ring	-
8805	round grommet	-



7248

LED 2.5" Round Sealed Marker/Clearance Lights

These 2.5" round sonically sealed, waterproof LED marker/clearance lights are grommet mounted. The 12.8V DC lights feature a polycarbonate lens and housing and accept a standard two-pin PL-10 plug. 9 Diodes. Light Amp Draw: .099A. Polycarbonate lens and housing. FMVSS: P2.

part no.	description	color
7247	sealed marker/clearance light, 9 diodes, grommet mount	amber
7248	sealed marker/clearance light, 9 diodes, grommet mount	red
8700	2-contact pigtail plug	-
7249	chrome trim ring	-
8800	round grommet	-



7257 with bezel 7261

LED 3" Marker/Clearance Lights

3" LED marker/clearance lights are sonically sealed, waterproof and are rated to 12.8V DC. The hard-wired design includes .180 bullets. Available with a solid color or clear color lens, these red and amber lights feature a polycarbonate lens, housing and bezel. 5 Diodes. Light Amp Draw: .12A. FMVSS: P2. Bezel not included, please order separately.

part no.	description	color
7257	LED marker/clearance light, 5 diodes	amber
7258	LED marker/clearance light, 5 diodes	clear/amber
7259	LED marker/clearance light, 5 diodes	red
7260	LED marker/clearance light, 5 diodes	clear/red
7261	bezel for 3" led marker/clearance lights	-



7625

7630

LED 2" & 2½" Sealed Clearance Marker Lights

These lights feature a hermetic lens-to-housing seal and twist-on mounting for easy installation. These lights will fit all popular mountings and grommets. Rated for 12V applications, 0.15A (2.5") or 0.09A (2").

part no.	description	color
7620	LED, 2½", 3 diode	red
7625	LED, 2½", 3 diode	amber
7630	LED, 2", 3 diode	red
7635	LED, 2", 3 diode	amber



7262 with bezel 7266

LED 4" Marker/Clearance Lights

Rated to 12.8V DC. The hard-wired design includes .180 bullets. Available with a solid color or clear color lens, these red and amber lights feature a polycarbonate lens, housing and bezel. 3 Diodes. Light Amp Draw: .033A. FMVSS: P2. Bezel not included, please order separately.

part no.	description	color
7262	LED 4" clearance marker light, 6 diodes	amber
7263	LED 4" clearance marker light, 6 diodes	clear/amber
7264	LED 4" clearance marker light, 6 diodes	red
7265	LED 4" clearance marker light, 6 diodes	clear/red
7266	chrome bezel	-



7252 with bezel 7256

LED 6.5" Marker/Clearance Lights

6.5" LED marker/clearance lights are sonically sealed, waterproof and rated to 12.8V DC. The hard-wired design includes .180 bullets. Available with a solid color or clear color lens, these red and amber lights feature a polycarbonate lens, housing and bezel. 13 Diodes. Light Amp Draw: .12A. FMVSS: P2. Bezel not included, please order separately.

part no.	description	color
7252	LED, 6.5" oval, 13 diodes	amber
7253	LED, 6.5" oval, 13 diodes	clear/amber
7254	LED, 6.5" oval, 13 diodes	red
7255	LED, 6.5" oval, 13 diodes	clear/red
7256	chrome bezel	



7435



7430

LED Rectangle Clearance Marker Lights

These lights feature a stainless steel bezel, polycarbonate lens and housing, and a solid state circuit board. The light's 12 LEDs are rated to 12.8V DC, 60ma. SAE/DOT J592e rated.

part no.	description	color	warranty
7430	LED, rectangle, 2 diodes	red	1 year
7435	LED, rectangle, 2 diodes	amber	1 year



7695



7690

LED Chrome, Flush Mount Clearance Marker Lights

These LED lights have the high impact polycarbonate lens sonically sealed to the housing to keep out moisture and other debris. The up to 100,000 hours (11 years) lights help reduce costly down-time due to light failure. They are ideal for lower body marking. Use standard pigtail (8700, 8701). DOT, SAE and P2 rated. Rated to 8-14V DC

part no.	description	color	warranty
7690	LED, oval, 5 diodes	red	1 year
7695	LED, oval, 5 diodes	amber	1 year



7655



7650

LED Scalloped Marker/Clearance Lights

Scalloped LED clearance marker lights are available in red or amber. Ideal for a variety of vehicles, scalloped LED marker lights are self-grounding and come with 75 inches of lead wire for easy installation. These lights feature a molded snap-ring, an encapsulated potting for total circuit board protection and a field-replacement lens. These lights are rated for 12V applications. 0.15A.

part no.	description	color
7650	LED, scalloped, 10 diodes	red
7655	LED, scalloped, 10 diodes	amber



LED Oval Sealed Side Marker and Turn Signal Lights

Features 28 LEDs. It meets SAE J2039 and J592 specifications. This light provides superior illumination and can last up to 100,000 hours. Use standard oval grommet (8815) and male pigtails (8700, 8701) for wire connections. Rated to 12.8V DC 370 ma.

part no.	description	color	warranty
7565	LED, 6" oval, 28 diodes	amber	1 year



7250

LED Thinline Sealed Marker/Clearance Lights

Low profile, sonically sealed, waterproof LED marker/clearance lights are rated to 12.8V DC. These lights accept standard 1 or 2 wire plugs. Single wire design grounds through the mounting hardware or a two-wire design includes both lead and ground wire for mounting to all surfaces. 10 Diodes. Light Amp Draw: .09A. Polycarbonate lens and housing. FMVSS: P2.

part no.	description	color
7250	LED, Thinline, 10 diodes	amber
7251	LED, Thinline, 10 diodes	red



Thinline Chrome Mounting Bracket

Snap-in light design allows for quick installation. Mates with thin-line LED clearance marker lights. Includes twin leads.

part no.	description
8855	mounting bracket, chrome



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7645



7640



7685



7680



7603



7600



7604



7238



7239



LED Thinline Sealed Marker/Clearance Lights

These 3.8" rectangular marker lights plug into existing mounting bases, feature a polycarbonate lens and housing and have completely sealed electronics. These lights are rated to 12.8V DC, 50ma. DOT/SAE J592e rated.

part no.	description	color
7640	LED, Thinline, 12 diodes	red
7645	LED, Thinline, 12 diode	amber

LED Mini Marker/Clearance Lights

These 2 1/2" rectangular clearance markers can be used as side markers for utility vehicles, semis and trailers. Available in red or amber and feature 8 LED diodes. These clearance markers can plug into existing mounting bases, feature a polycarbonate lens and housing and have sealed moisture proof electronics. Rated to 12.8V DC, 40ma. DOT/SAE J592e rated.

part no.	description	color	warranty
7680	LED, mini, 8 diodes	red	1 year
7685	LED, mini, 8 diodes	amber	1 year

LED 3/4" Sealed Clearance Marker Lights

The mini combination clearance marker lights are designed to fit into the smallest places and can be used as clearance marker lights. They feature 3 SMD LEDs enclosed in a sealed acrylic housing. The 6" jacketed wire leads and rubber grommet provide added abrasion resistance and shock protection. Snap mounting into a 3/4" hole. They meet SAE DOT P2PC standard and are rated to 12.8V DC. Connector: 2 male .180" bullets.

part no.	description	color	warranty
7600	LED, 3/4" round, 3 diodes	red	1 year
7604	LED, 3/4" round, 3 diodes	green	1 year
7605	LED, 3/4" round, 3 diodes	amber	1 year
7601	LED, 3/4" round, 3 diodes	white-clear lens	1 year
7603	LED, 3/4" round, 3 diodes	blue-clear lens	1 year
7610	LED, 3/4" round, 3 diodes	red-clear lens	1 year
7615	LED, 3/4" round, 3 diodes	amber-clear lens	1 year

LED 4" Round Sealed Back-up Lights

This 4" round sealed DOT LED back-up light features a polycarbonate lens and housing. Rated at 12.8V DC, this light is sonically sealed and waterproof. It is certified for back-up light function when installed as a pair in two-light systems, SAE (2)R. 21 Diodes. Light Amp Draw: .425A. FMVSS: (2)R.

part no.	description	
7238	LED, 4" round back-up light, 21 diodes	clear
8705	3-contact Pigtail Plug	-
8810	4" round grommet	-

LED 6" Oval Sealed Back-up Lights

This 6" oval sealed DOT LED back-up light features a polycarbonate lens and housing. Rated to 12.8V DC, this light is sonically sealed and waterproof. It is certified for back-up light function when installed as a pair in two-light systems, SAE (2)R. 22 Diodes. Light Amp Draw: .386A. FMVSS: (2)R.

part no.	description	color
7239	LED, oval back-up, 22 diodes	clear
8705	3-contact pigtail plug	-
8815	oval rubber grommet	-

LED Oval Clear Light

This 6" oval sealed DOT LED back-up light features a polycarbonate lens and housing. Rated to 12.8V DC, this light is sonically sealed and waterproof. This light is certified for back-up light function when installed as a pair in two-light systems, SAE (2)R. Select from a variety of 2-contact pigtails to complete the wiring of this back-up light (8715, 8720). 6" rubber grommet (8815) is compatible with 6" LED back-up light 7513. 10 Diodes. Light Amp Draw: 0.260A. FMVSS: (2)R.

part no.	description	color	warranty
7513	LED, oval, 10 diodes	clear	1 year



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Flexible LED Light Strip Kit with Remote

Colors include: white, red, red/orange, orange, orange/yellow, yellow, green, light green, green/blue, turquoise, light blue, blue, dark blue, purple, purple/pink, pink. Controlled by wireless remote, these LED light strips offer four lighting functions: flash, strobe, fade and smooth. 12V DC. Kit includes two 12" LED strips, wireless remote and wiring harness. Strips: 12" x 3/8"; Wireless Remote: 2" x 3.25"; Wiring Harness: 25.5".

part no.	description	color
78660	flexible LED light strip kit with remote	clear

▶NEW!



Flexible LED Light Strip Home Kit, AC

Flexible LED light strips add colored LED light to the interior of your home.

part no.	color	functions	control	strip size	included
78659	16	flash, strobe, fade, smooth	remote	12" x 3/8"	two 12" LED strips, remote, wiring harness and AC adaptor



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▶NEW!

78659



Flexible LED Light Strip Accessories

part no.	length	description	part no.	length	description
78662	3'	LED extension strip	78669	—	"Y" cable, double male to female
78663	6'	LED extension strip	78671	1"	plug to T-Tap
78664	15'	LED extension strip	78672	1'	plug to T-Tap
78665	1"	extension cable	78673	3'	plug to T-Tap
78666	1'	extension cable	78674	15'	plug to T-Tap
78667	3'	extension cable	78676	—	"Y" double T-Tap to T-Tap
78668	15'	extension cable			

78662



78671



78665

▶NEW!



LED Logo Projector

Select from 26 interchangeable logos with the LED Logo Projector. The logo illuminates under the surface of the front doors when opened. This item includes: 2 LED door lights, hole saw, and 26 logos.

part no.	no. of logos	voltage	projection distance
78677	26	12V-24V DC	2" - 20"

▶NEW!



Flexible Third Brake Light Strip

This flexible, weather-proof LED light strip is great for additional vehicle lighting with stop, turn, back-up lighting functionality.

part no.	colors	functions	length	volts
78223	Red, White or Red/White	Stop, Turn, Back-Up	60" (two 30" strips)	12

▶NEW!



LED Halo Lights

Upgrade your car or truck from a basic headlight to a more modern look with the Halo headlights. Includes 2 in a package. White LED halogen light bulb.

part no.	color	size	bulb type
78224	white	3.15"	LED halogen

LED Tail Light Kits



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7275

Tail Light Kit, GloLight

This LED combination tail light kit includes the passenger side tail light, driver side tail light, a 3-LED license light and mounting hardware. The 12.8V DC lights are stud mounted on 2" centers and are hard-wired with a separate grounding wire. Acrylic Lens, ABS Housing. Stop/Turn Amp Draw: .310A, Marker Amp Draw: .230A. Size: 5.031" x 4.563" x 2.625". FMVSS: Stop/Tail A I S T; Side Marker: A P2, License: L.

part no.	description
7275	tail light kit w/mounting hardware



7277

Tail Light Kit, Traditional

These LED combination tail light kits include the passenger side tail light, driver side tail light, 3-LED license light and mounting hardware. Item 7277 also includes a 25-ft wiring harness and license plate bracket. These traditional style lights are 12.8V DC and can be stud mounted on 2" centers. The lights are hard-wired with a separate ground wire. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .259A, Marker Amp Draw: .062A. Size: 5.25" x 4.75" x 2.688". FMVSS: Stop/Tail A I S T; Side Marker: A P2, License: L.

part no.	description
7277	tail light kit w/25-ft harness, license plate bracket, mounting hardware
7278	tail light kit w/mounting hardware



7279

Tail Light Kit, MiroFlex

These LED combination tail light kits include the passenger side tail light, driver side tail light, 5-LED license light and mounting hardware. Item 7280 also includes a 25-ft wiring harness and license plate bracket. The universal design of these lights are suitable for a variety of applications. The lights stud mount on 2" centers. They are hard-wired with a separate ground wire. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .174A, Marker Amp Draw: .054A. Size: 5.25" x 5" x 2.625". The passenger side light has 6-functions: stop, turn, tail, rear reflex, side marker and side reflex. The driver side light has 7-functions: stop, turn, tail, rear reflex, side marker, side reflex and license illuminator. FMVSS: Stop/Tail A I S T; Side Marker: A P2, License: L.

part no.	description
7280	tail light kit w/25-ft harness, license plate bracket, mounting hardware
7279	tail light kit w/mounting hardware



7281

Tail Light Kit, MiroFlex

These sealed, waterproof LED combination tail lights are designed for marine trailer applications. The kit includes the passenger side light, the driver side light with 4-LED license light and mounting hardware. The lights are universally mounted and are hard-wired with a separate ground wire. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .167A, Marker Amp Draw: .107A. Size: 8.063" x 2.938" x 2.688". FMVSS: Stop/Tail A I S T; License L.

part no.	description
7281	tail light kit w/mounting hardware



7276

Tail Light Kit, GloLight

This LED combination tail light kit includes the passenger side tail light, driver side tail light, a 6-LED license light and mounting hardware. Designed for marine trailer applications, these lights feature sealed, waterproof construction. The 12.8V DC lights are universally mounted and are hard-wired with a separate grounding wire. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .252A, Marker Amp Draw: .135A. Size: 8" x 2.9" x 2.6". FMVSS: Stop/Tail A I S T; Side Marker: A P2, License: L.

part no.	description
7276	tail light kit w/mounting hardware



7269

Magnetic Mount Trailer Light Kit

This magnetic mount towing light kit includes a pair of DOT compliant stop/turn/tail lights, 20-ft wishbone style wiring harness and 4-ft trunk connector with 4-way flat plug. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: 2.3A, Tail Amp Draw: 0.9A. Size: 7" x 4" x 2.125". FMVSS: S T I.

part no.	description
7269	magnetic mount towing light kit



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7274

Submersible Trailer Light Kit, Over 80"

This submersible, universal mount combination tail light kit is for over 80" applications. The kit includes the passenger side light, the driver side light with license illuminator, license plate bracket, 25-ft harness and mounting hardware. The 12.8V lights are stud mounted on 2" centers. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: 2.5A, Tail Amp Draw: 1.0A. Size: 6.125" x 4.563" x 2.875". Passenger side light has 7-functions: stop, turn, tail, rear clearance, rear reflex, side marker and side reflex. Lights ground through mounting studs. Shock-proof socket guarantees long bulb life. Screw-on lens, easy to change burnt bulbs. FMVSS: S T I A, A P2, L.

part no.	description
7274	lights, license plate bracket, 25-ft harness, mounting hardware



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7272

Submersible Trailer Light Kit

The submersible, universal mount combination tail light kit includes the passenger side tail light, driver side light with license illuminator, license plate bracket, 25-ft harness and mounting hardware. Item 7272 also includes 2 amber marker lights. The 12.8V lights are stud mounted on 2" centers. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .25, Tail Amp Draw: 1.0A. Size: 4.563" x 4.563" x 2.875". Passenger side light has 6-functions: stop, tail, turn, rear reflex, side marker and side reflex. Lights ground through mounting studs. Shock-proof socket guarantees long bulb life. Screw-on lens, easy to change burnt bulbs. FMVSS: A S T, A P2, L.

part no.	description
7272	lights, 2 amber marker lights, license plate bracket, 25-ft harness, mounting hardware



7270

Trailer Light Kit

This universally mounted combination tail light kit includes the passenger side tail light, driver side light with license illuminator, 2 amber marker lights, license plate bracket and 25-ft harness. The 12.8V lights are stud mounted on 2" centers. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .25, Tail Amp Draw: 1.0A. Size: 4.563" x 4.563" x 2.875". Passenger side light has 6-functions: stop, tail, turn, rear reflex, side marker and side reflex. Lights ground through mounting studs. Shock-proof socket guarantees long bulb life. Screw-on lens, easy to change burnt bulbs. FMVSS: A S T, A P2, L.

part no.	description
7270	lights, license plate bracket, 20-ft harness, mounting hardware



7271

Waterproof Low Profile Trailer Light Kit

This waterproof, low profile, universally mounted combination trailer light kit includes the passenger side light, driver side light with license illuminator, license plate bracket, 2 yellow marker lights with bases, 25-ft harness and stainless steel mounting hardware. The 12.8V lights mount on 2" centers. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: 2.3A, Tail Amp Draw: 0.9A. Size: 7.875" x 3.25" x 2.875". Passenger side light has 7-functions: stop, turn, tail, rear clearance, rear reflex, side marker and side reflex. Includes separate ground wire with eyelet. Shock-proof socket guarantees long bulb life. Screw-on lens, easy to change burnt bulbs. FMVSS: S T I A P2, A P2, L.

part no.	description
7271	lights, license plate bracket, 2 amber marker lights, 25-ft harness, mounting hardware



7267

Waterproof Low Profile Trailer Light Kit

These waterproof, low profile, universally mounted combination tail light kits include the passenger side tail light, driver side light with license illuminator, license plate bracket, 25-ft harness and mounting hardware. Item 7268 also includes 2 yellow marker lights with bases, 2 yellow reflectors and stainless steel mounting hardware. The 12.8V lights mount on 2" centers. Acrylic Lens, Plastic Housing. Stop/Turn Amp Draw: .23, Tail Amp Draw: 0.9A. Size: 8.063" x 2.875" x 2.813". Passenger side light has 7-functions: stop, turn, tail, rear clearance, rear reflex, side marker and side reflex. Includes separate ground wire with eyelet. FMVSS: S T I A P2 PC, L.

part no.	description
7267	lights, license plate bracket, 25-ft harness, mounting hardware
7268	lights, license plate bracket, 2 amber marker lights, 2 yellow reflectors, 25-ft harness, mounting hardware

Incandescent Marker, Tail & Turn Lights



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Several styles of DOT-certified truck and trailer lights, light accessories, reflectors and replacement mirrors are offered. These products are heavily used in the trucking industry, but can be used by construction equipment and farm implement original equipment manufacturers.

Resistant to shock, vibration, heat, moisture and corrosion, these lighting products provide a lifetime of trouble-free performance.



4" Round Stop, Tail, Turn Lights

These aftermarket round, 4" tail, brake and turn lights feature a rugged, safe construction that is able to absorb vibration and road shock. These lights provide a cost effective retrofit for current lighting on a car, truck or trailer. These lights feature a standard female connection and are able to fit all competitive pigtails, brackets and grommets. The lights include a hermetic lens-to-housing seal. Rated for 12V applications, 2.1A.

part no.	description	color
8500	4" incandescent lights	red
8505	4" incandescent lights	amber



4" Round Steel Case Stop, Tail, Turn Lights

These 4" steel case lights are ideal aftermarket truck tail lights as they easily retrofit existing lights on a truck or trailer. The steel case helps to protect the light and wire components as well as provide theft resistance. These lights feature rugged steel construction and an easy snap-on lens. Rated for 12V applications, 2.1A.

part no.	description	color
8510	4" incandescent lights	red



Oval Stop, Tail, Turn Lights

The oval shaped tail, brake and turn lights are ideal for aftermarket car tail lights and can also be used as a third brake light in vehicle applications such as cars and trucks. These lights feature a female pin connection and are rated for 12V applications. Amp rating is 2.1.



part no.	description	color
7900	oval incandescent lights	red
7905	oval incandescent lights	amber

Use With grommets PAGE 235



Universal 3-stud Mount Stop, Tail, Turn, Backup Lights

This incandescent light features a high impact, polycarbonate housing and an acrylic lens attached to the housing with four screws for easy bulb replacement. Lens is dual stop, tail, turn signals with an additional window that allows for a back-up signal illumination. Lights feature a steel reinforced 3-stud triangle, mounting pad with hardware and are pre-wired for easy installation. Lights also contain one each replaceable #1157 and #1156 bulbs and are rated for 8 to 14V DC.

part no.	description	color
7925	3-stud mount incandescent lights	red



1 1/2" Sealed Clearance Marker Lights

Round clearance marker lights provide a dependable solution to reduce costly down-time. Ideal for any truck, trailer or other application that requires vehicle length identification. Lights include a hermetic lens-to-housing seal and over 12,000 hours of bulb life. These clearance markers have twist-on mounting for easy installation. Approved for 12V applications with a .33A rating.

part no.	description	color
8525	1 1/2" incandescent lights	red
8530	1 1/2" incandescent lights	amber





8535

2" Sealed Clearance Marker Lights

They are constructed to fit all popular standard grommet (8805) and bracket mounting systems. Lights are comparable to competitive brands and have a greased filled terminal port that accepts the standard 2-contact male pigtail connectors (8700). Light within is comparable to a #194 bulb and is rated for 8–14V DC.

part no.	description	color
8535	amber, 2" incandescent light	red
8540	red, 2" incandescent light	amber



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7805

Oval Sealed Side Marker & Turn Signal Lights

The lens has a bubble flare that allows it to be visible from both the side and rear. Lights are comparable to competitive brands and flush mount with a grommet (8815). Each light accepts the standard 3-contact male pigtail connectors (8705 & 8710) and has a greased filled terminal port. Light within is comparable to a #1157 bulb and is DOT and SAE AEP2 rated for 12V DC, 2.1A draw.

part no.	description	color
7805	oval incandescent light	amber



8545

2 Bulb Clearance Marker Lights — Scalloped

These incandescent lights are manufactured with a scalloped-style acrylic lens that snap-seals onto the plastic housing. Each is flush mount and pre-wired for fast and easy installation. Lights within are comparable to a #193 bulb. SAE and DOT rated for 8–14V DC.

part no.	description	color
8545	2 bulb scalloped incandescent light	amber
8550	2 bulb scalloped incandescent light	red



8555



8560

2 Bulb Clearance Marker Lights — Oval

These incandescent lights are manufactured with an acrylic lens that snap-seals onto the plastic housing. Each is flush mount and pre-wired for fast and easy installation. Lights within are comparable to a #193 bulb. SAE and DOT rated for 8–14V DC.

part no.	description	color
8555	2 bulb oval incandescent light	amber
8560	2 bulb oval incandescent light	red



8580



8575

Clearance Marker Lights – Steel Armored

They feature two or four mounting holes for easy retrofits and a seal-tight expanded rubber gasket. There is no need for a light socket hole with this flat back design. Meets PC function when mounting at a 45 degree angle. Approved for 12V applications with a .33A rating.

part no.	description	color
8575	steel armored incandescent light	red
8580	steel armored incandescent light	amber



7850

7855

Clearance Marker Lights – Bar Style

Three incandescent marker lights are mounted 6" on-center onto a mounting bracket to create each of these light bars. The 7850 has two .625" clearance holes and the 7855 has two .198" clearance holes for mounting. Bars are DOT and SAE P2, P3 rated for 12V DC.

part no.	description	color
7850	2½" round incandescent bar marker light	red
7855	narrow rectangle incandescent bar marker light	red

3" Stick-on Round Reflectors

Adhesive backing effortlessly mounts to any flat surface for permanent usage.



8605

8600

part no.	description	color
8600	3", reflector	red
8605	3", reflector	amber



8615

8610

3¾" Center Mount Reflectors

Hermetically sealed center mount reflectors. Mounts quickly with a #10 screw (not included).

part no.	description	color
8610	3¾", reflector	red
8615	3¾", reflector	amber



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8635

8630

4³/₈" Stick-on Rectangle Reflectors

Versatile mounting options let you apply these 4³/₈" reflectors either with the adhesive backing or with the .173" clearance mounting holes spaced 3.93" center-to-center.

part no.	description	color
8630	red reflector	red
8635	amber reflector	amber



Rectangle LED License Plate Light

The super 2 LEDs provide a superior illumination to their incandescent counterparts with less draw on your electrical system. A chrome-plated, brass bezel is used to cover the light and mounts 2" center-to-center. The hard-wired connections are sealed in epoxy for added weather resistance and shock absorption. Rated for 8–14 volts DC and up to 100,000 hours of life. SAE and DOT rated.

part no.	description	color	warranty
7865	LED, license plate light, 2 diodes	clear	1 year



Chrome License Plate Light

These incandescent lights feature a chrome-plated plastic housing and metal base. Lights are equipped with a crystal lens and are DOT and SAE rated for 8 to 14V DC.

part no.	description	color
7860	chrome license plate light	clear



License/Utility Light

This incandescent license light mounts directly into a 1.250" mounting hole and has a gasket to provide a weather proof seal. The light utilizes a common ground and is pre-wired with a 21" wire lead and .250" male disconnect. Light within is comparable to a #89 bulb and is rated for 8–14V DC.

part no.	description	color
73460	license/utility light	clear



License/Utility Light

These incandescent license lights are designed to mount directly into a GM/GMC truck step bumper or any other surface. Lights utilize a common ground and are pre-wired with a 6" wire lead and OEM connector. Light within is comparable to a #67 bulb and is rated for 8–14V DC.

part no.	description	color
73462	license/utility light	clear



License Illuminator

Chrome-plated steel construction housing and flat mounting bracket provide these incandescent illuminators shock-proof durability. Equipped with a crystal lens, these lights are ideal for various applications and are rated for 8–14V DC.

part no.	description	color
8590	license illuminator	clear



LED Round Sealed Work Light

This heavy-duty light is designed to endure the roughest terrains. It is manufactured with a powder-coated aluminum housing and polycarbonate lens. The 6 powerful LEDs provide a total of 550 lumens, with a minimal 5A draw. Mounting: 5/16" diameter bolt.

part no.	description	color	warranty
7995	LED, 6 diodes	clear	1 year



LED 3" Round Sealed Utility Light

The design includes both lead and ground wires and is rated to 12.8V DC. 6 Diodes. Light Amp Draw: .020A. Polycarbonate lens and housing. CSA certified for use in sleeping quarters. Raw Lumen Output: 224; Effective Lumen Output: 168. 3" diameter, 3/8" thick.

part no.	description	color
7240	LED surface mount utility light, 6 diode	clear



LED 6" Round Sealed Dome Lights

This 6" sealed, waterproof LED dome light features a polycarbonate lens and housing. The hard-wired design includes power and ground wires and is rated to 12.8V DC. This low profile dome light is only 7/8" thick. 24 Diodes. Light Amp Draw: .127A. Raw Lumen Output: 585; Effective Lumen Output: 453. 6 1/8" diameter.

part no.	description	color
7241	LED, round dome light, 24 diodes	clear



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Economy West Coast Mirror

Manufactured with an anodized aluminum body. Equipped with a silvered mirror. The most cost-effective replacement West Coast Mirror.

part no.	description
8640	west coast mirror



8" Round Convex Mirror

Convex 8" mirror is manufactured with a stainless steel housing. Equipped with a center mount 1/4" adjustable ball stud for easy assembly.

part no.	description
8650	convex round mirror



2" Rubber Grommet for Clearance Marker Lights

This round rubber grommet is manufactured to fit standard 2" LED and incandescent clearance marker lights. New grommets restore shock protection, security and improve vehicle appearance.

part no.	description
8805	2" round rubber grommet



2 1/2" Rubber Grommet for Clearance Marker Lights

This round rubber grommet is manufactured to fit standard 2 1/2" LED and incandescent clearance marker lights. New grommets restore shock protection, security and improve vehicle appearance.

part no.	description
8800	2 1/2" round rubber grommet



4" Rubber Grommet for Stop, Tail, Turn Lights

This round rubber grommet is manufactured to fit standard 4" LED and incandescent stop, tail, turn lights. New grommets restore shock protection, security and improve vehicle appearance. Fits a 4.5" mounting hole.

part no.	description
8810	4" round rubber grommet



Oval Rubber Grommet

This oval rubber grommet is manufactured to fit standard oval LED and incandescent stop, tail, turn lights. New grommets help restore shock protection, security and improve vehicle appearance.

part no.	description
8815	rubber grommet for oval light



Rectangular Rubber Grommet

This rectangular rubber grommet is manufactured to fit standard rectangle LED stop, tail, turn lights. New grommets help restore shock protection, security and improve vehicle appearance.

part no.	description
8820	rectangular rubber grommet



4" Stainless Steel Security Flange

Ideal for theft resistance. Easy installation allows light to snap into place. Resists corrosion for longevity. Use with standard 4" LED and incandescent stop, tail, turn lights.

part no.	description
8850	4" security flange



Thinline Chrome Mounting Bracket

Snap-in light design allows for quick installation. Mates with Thinline LED clearance marker lights (7640 & 7645). Includes twin leads.

part no.	description
8855	mounting bracket, chrome



Mini Rectangular Chrome Mounting Bracket

Mates with 7680 and 7685 clearance marker lights. Includes twin leads.

part no.	description
8875	mini chrome mounting bracket



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Pigtails Plugs 2-contact

Choose from a variety of pigtail plugs to hook-up your single or dual function lights. Each includes the grounding wire pre-terminated with a ring terminal. The 8715 and 8720 feature 11" of lead wire.



Pigtails Plugs 3-contact

3-contact pigtails for use with standard stop, tail, turn lights. Plugs are manufactured to replace existing pigtails or new installation. Both have 11" of lead wire. Each includes the grounding wire pre-terminated with a ring terminal.



Pigtails Plugs, Weathertight

The weathertight pigtail adapter is used to upgrade existing 3-contact plug lights to weathertight connections. Item 7210 has lead wire and includes the grounding wire pre-terminated with a ring terminal.



LED Load Resistors

One LED load resistor is required per LED light to allow the turn signal to flash at the proper rate. Load resistors generate heat and will need to be mounted to metal, away from plastic materials. 50W, 6 ohm resistor.



Three-wire Connector

Three-wire connector with fiber-optic cavity. For 2 or 3 terminal sealed-beam head lights and flashers. 12" 16 gauge lead wire.



Single Contact License & Utility Light

Snap-in fit for 3/4" hole. 12" lead wire. Bulbs: 63, 67, 81, 89, 1002, 1129, 1133, 1141.



Double Contact Park/Stop/Tail/Turn Light

Removable adapter plate for 3/4" hole. Weather-resistant boot. 12" lead wire. Bulbs: 1198, 1016, 1034, 1154, 1157.



Single Contact

Pigtail wire assembly with terminal attached. Socket #'s: 3432, 3433, 3452, 3453, 3460, 3461, 3463, 3470, 3471. Light No. 63, 67, 81, 89, 93, 209, 1003, 1073, 1129, 1133, 1141, 1156. SMP: S-23; Wells: 201; Borg: PT5, Nieh: LS-102.



Double Contact

Pigtail wire assembly with terminals attached. Socket #'s: 3422, 3430, 3434, 3435, 3436. Light Nos. 64, 68, 82, 88, 90, 94, 210, 1004, 1034, 1074, 1130, 1154, 1157, 1158, 1175. SMP: S-24; Well: 200; Borg: PT7, Nieh: LS-150.



Injector Solenoid Connector

EV1 style connector. Fits multi-port injectors GM 1711799 1993-86 (replaces GM 12085491). Bosch & Lucas Injectors on Chrysler, Ford products, AMC/Jeep, Datsun/Nissan, Porsche, Toyota, VW and Volvo 2004 and later.

part no.	description
8700	2-contact plug
8715	2-contact dual male plug
8720	right angle, 2-contact dual male plug

part no.	description
8705	3-contact plug
8710	3-contact, 90° plug

part no.	description
7210	weathertight pigtail
7211	weathertight pigtail/PL-3 adapter

part no.	description
7282	resistor with 11" lead
7283	resistor with 9.5" lead & female PL-3 plug

part no.	description
73510	three-wire connector

part no.	description
73512	single contact license & utility light

part no.	description
73514	double contact light

part no.	description
73507	single contact

part no.	description
73509	double contact

part no.	description
73522	injector solenoid connector



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Halogen Capsule Bulbs

Halogen lights are some of the most widely used illumination devices for forward lighting in recent models for the transportation industry. They offer longer life (2 to 3 times as long as an incandescent bulb) and better efficiency (10% to 20% more efficient). These halogen lights are offered in two different styles, a single and dual filament. The single filament is designed specifically for either the high or low beam while the dual filament functions as both.

part no.	description	ANSI #
78590	hi-low beam	9003
78600	hi-low beam	9004
78601	hi beam	9005
78602	low beam	9006
78603	hi-low beam	9007
78604	hi-low beam	9008 (H13)
78606	low beam	H7
78607	low beam	H11LL



Halogen Bulb

For automotive, motorcycle and auxiliary lighting. 55 Watt, 12 volts. 12 volts average life (hours): 225. H3 bulb. 1 per box.

part no.	description
78605	halogen bulb



HID Replacement Parts

part no.	description	volts	watts	Replacement For	lumens	warranty
ECCOE94001	H3 halogen bulb	12V DC	55	ECCOE91025, ECCO91009	1190	1
ECCOE94002	H3 halogen bulb	24V DC	70	ECCOE91025, ECCO91009	1190	1



Clear Auto Bulb – DC Index Bulb

This is a standard replacement, dual filament bulb designed for both brake and turn signal applications. The filament is a C-6 shape and has an up to 600 hour life expectancy. 10 bulbs per pack. Rated to 2.1A @ 12.8V DC.

part no.	ANSI #
78610	1157



Incandescent Bulbs

These bulbs are ideal for automotive, motorcycle and auxiliary lighting. Wedge base securely holds bulb in place while the durable construction provides trouble free lives of the bulbs.

part no.	base style	ANSI #
78650	wedge	194
78655	wedge	3156
78656	wedge	3157
78657	wedge	4114LL
78658	wedge	4157LL



Halogen Headlight Socket

These halogen headlight sockets are ideal replacements for your worn or damaged headlight sockets. With 10" wire leads, each socket will mate with their respective headlamp.

part no.	description
78670	fits 9004 or 9007
78680	fits 9006



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78215

NEW!

LED Automotive Bulbs

LED automotive bulbs are high power LED's that offer a brighter light at a lower power consumption than alternative replacement bulbs. These long lasting lights feature advanced chip material. Includes 2 bulbs in each pack.

part no.	type	style/chips	lumens
78210	3157 COB Style	plasma style	22
78211	3157 53 Lumen	5050	53
78212	3156 Color Changing	color changing	—
78213	1156 COB Style	plasma style	36
78214	1156 60 Lumen	5050	60
78215	1156 Color Changing	color changing	—
78216	1157 COB Style	plasma style	22
78217	1157 56 Lumen	5050	56
78218	7443 22 Lumen	5050	22
78219	7443 60 Lumen	5050	60
78225	7443 Color Changing	color changing	—
78220	194 COB Style	plasma style	11
78221	194 33 Lumen	3528	33
78222	194 13 Lumen	5050	13
78228	194 Plasma Style	plasma style	50
78229	PC161 13 Lumen	5050	13
78226	43 COB Style	dome light	32
78227	36 28 Lumen	dome light	9

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NEW!

LED Automotive Bulb Adapters

These automotive bulb adapters are designed to fit the appropriate replacement LED bulb. They are wired for 12V/14V operation in all vehicles. 2 adapters and necessary lead wires are included in each pack.



part no.	description	lead wires included	fits bulbs
78230	1 Pair of 3157 Bulb Adapters	three 6" lead wires	78210, 78211, 78212
78232	1 Pair of 1156 Bulb Adapters	two 3" lead wires	78213, 78214, 78215
78233	1 Pair of 194 Bulb Adapters	two 5" lead wires	78220, 78221, 78222, 78228
78231	1 Pair of H4 Bulb Adapters	three 5-1/4" lead wires	—

NEW!

Clear RTV Silicone Adhesive & Sealant

Clear RTV silicone adhesive and sealant can be used to seal headlight housings, windshields, windows, and many other applications.



78234

part no.	description	max. temperature
78234	Clear RTV Silicone Adhesive & Sealant	500°F (260°C)

NEW!

Diodes

Diodes were designed to protect electronic circuits against transients and overvoltage threats such as EFT (electrically fast transients) and ESD (electro-static discharge). Ultra low forward voltage drop. High frequency operation. Polarity protection diodes. Rated to 36V DC.



8531

part no.	amps
8531	1
8533	3
8536	6

- CLASS I-** Primary warning lights for authorized emergency vehicles. Four times brighter than CLASS II. Ten times brighter than CLASS III or Type E, ES and EE.
- CLASS II-** Primary warning lights for authorized maintenance or work vehicles.
- CLASS III-** Primary warning lights for vehicles that are required to display warning lights.
- TYPE E, ES & EE-** Primary warning lights for industrial truck applications.



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ECCO7660A

ECCO® LED Class I Rotating Beacon

LED Hybrid technology provides a high-intensity rotating warning signal with no gears, brushes or bulbs to wear out. Eight high-intensity LEDs combined with a TIR optic produce an exceptionally bright warning beam. The polycarbonate lens features a UV hard coating to greatly reduce cracking, hazing, abrasion and fading. Meets SAE J845 Class I (A, B, CB & R). CE, R10.

part no.	color	mount	draw	volts	FPM	SAE	warranty
ECCO7660A	amber	—	2.1	12 - 24	125	1	5 year
ECCO7660CA	clear lens, amber	—					
ECCO7660AVM	amber	vac mag					
ECCO7660CAVM	clear lens, amber	vac mag					



ECCO7460A

ECCO® LED Class I Low Profile Beacon

The compact and unobtrusive LED beacon incorporates a simple, yet highly effective and robust, design featuring an overhead heatsink that also allows removal of flange when the unit is pipe mounted. The eight 3-watt LEDs and a parabolic reflector creates a highly sensitive peripheral vision unique to Pulse8 flash pattern. Meets SAE J845 Class I (A, CC, CR & R). CA models are class II. CE, e, IP Rating 67.

part no.	color	mount	draw	volts	FPM	SAE	warranty
ECCO7460A	amber	—	3.6	12-36	75 x 8	1	5 year
ECCO7460CA	clear lens, amber	—					
ECCO7460CC	clear	—					
ECCO7460AVM	amber	vac mag					
ECCO7460CAVM	clear lens, amber	vac mag					
ECCO7460CCVM	clear	vac mag					



ECCO7965A

ECCO® LED Class I Beacon

It features 11 flash patterns. The beacons have an aluminum base with polycarbonate lens. Vacuum magnet mount models have a switched cigarette plug adapter. Available in 5" or 7" height profiles. Meets SAE J845 Class I rating.

part no.	color	size	mount	draw	volts	SAE	warranty
ECCO7965A	amber	5"	—	3.6	12-24	1	2 year
ECCO7965C	clear	5"	—				
ECCO7965AVM	amber	5"	vac mag				
ECCO7965CVM	clear	5"	vac mag				
ECCO7970A	amber	7"	—				
ECCO7970C	clear	7"	—				
ECCO7970AVM	amber	7"	vac mag				
ECCO7970CVM	clear	7"	vac mag				



10110

ECCO® High Intensity Class I LED Beacon

These heavy-duty, steel base LED beacons offer 16 high-intensity 3-watt LEDs that provide the brightest light output available in an LED beacon. The beacon's LED technology offers a dual/quad flash and low/high-intensity adjustment via an adjustable dip switch beneath the lens. LED beacon 10110 offers an integral flange for three bolt flush mount or 1" pipe mounting and is pre-wired for ease of installation. LED beacon 10115 offers a vacuum magnet mount feature with a 15' cord and 12V DC lighter plug. AMECA certified for SAE J854 Class I applications, R10, CE.

part no.	color	mount	draw	volts	FPM	SAE	warranty
10110	amber	—	3.7	12-24	80/65	1	2 year
10115	amber	mag					



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ECCO7160A

ECCO® LED Class I Synch Beacon

Allows for multiple units to be synced. It has up to 15 flash patterns with both high and low settings. The vacuum magnet mount comes with a cigarette plug with on/off and flash pattern switch functionality. Meets SAE J845 Class I (A, CA & CC Only). California Title 13 (A, CA & CC Only). CE, R10, IP Rating 66 (3-bolt mount).

part no.	color	mount	draw	volts	SAE	warranty
ECCO7160A	amber	—	2.0	12-24	1	5 year
ECCO7160CA	clear lens	—				
ECCO7160CC	clear	—				
ECCO7160AVM	amber	vac mag				
ECCO7160CAVM	clear lens, amber	vac mag				
ECCO7160CCVM	clear	vac mag				



ECCO® High Intensity Class I Strobe Beacon

This high intensity dual (75FPM)/quad (65FPM) flash strobe beacon offers a die cast aluminum base, thread-on polycarbonate lens and Smartstrobe® feature that automatically adjusts to day or night operating intensity, making it ideal for refuse, dump trucks or other larger work trucks. The medium profile beacon (6.7" x 6.5") offers an integral flange for three bolt flush mount or 1" pipe mounting and is pre-wired for ease of installation. Reverse polarity, voltage spike and surge protected, and AMECA certified to SAE J1318 Class I, CE.

part no.	color	mount	draw	volts	FPM	SAE	warranty
10040	amber	bolt/pipe	3.9	12-24	75/65	1	2 year



ECCO7945A

ECCO® LED Class II Beacon

It features a Pulse8 (8 flash per cycle) flash pattern to produce an attention getting warning signal. The beacons have a nylon base with polycarbonate lens. Vacuum magnet mount models have a switched cigarette plug adapter. Available in 5" or 7" height profiles. Meets SAE J845 Class II rating.

part no.	color	size	mount	draw	volts	FPM	SAE	warranty
ECCO7945A	amber	5"	—	1.3	12-48	70 x 8	2	2 year
ECCO7945C	clear	5"	—					
ECCO7945AVM	amber	5"	vac mag					
ECCO7945CVM	clear	5"	vac mag					
ECCO7950A	amber	7"	—					
ECCO7950C	clear	7"	—					
ECCO7950AVM	amber	7"	vac mag					
ECCO7950CVM	clear	7"	vac mag					



ECCO7975A

ECCO® Class I LED Severe Vibration Beacons

Heavy-Duty series LED beacons have the latest LED technology with a traditional, strobe style housing. Feature a Pulse8 (8 flash per cycle) flash pattern to produce an attention getting warning signal. Ideally suited for severe vibration applications including mining, construction and waste management. Beacons have a reinforced polypropylene base with polycarbonate lens. Available in 5" or 7" height profiles. Meets SAE J845 Class I rating.

part no.	color	size	draw	volts	SAE	warranty
ECCO7975A	amber	5"	3.6	12-24	1	2 year
ECCO7980A	amber	7"				



ECCOEB7930A

ECCO® Class II LED Severe Vibration Beacons

Heavy-duty series of LED beacons has the latest LED technology with a traditional, strobe style housing. Features 11 flash patterns to produce an attention getting warning signal. Suited for severe vibration applications including mining, construction and waste management. Beacons have an aluminum base with polycarbonate lens. Available in 5" or 7" height profiles. Meets SAE J845 Class II rating.

part no.	color	size	draw	volts	SAE	warranty
ECCOEB7930A	amber	5"	1.3	12-48	2	2 year
ECCOEB7930C	clear	5"				
ECCOEB7935A	amber	7"				
ECCOEB7935C	clear	7"				

ECCO® LED Class III Beacon

Pulse8 flash pattern that produces a warning signal ideal for industrial-type applications.



ECCO6465A

part no.	color	mount	draw	volts	FPM	rating/cert.	warranty
ECCO6465A	amber	bolt	2.7	12-80	70 x 8	SAE J845 Class III, CE, R10, UL	3
ECCO6465C	clear	bolt					
ECCO6465AMG	amber	magnet					
ECCO6465CMG	clear	magnet					
▶ ECCO6465B	blue	bolt					
▶ ECCO6465BMG	blue	magnet					
▶ ECCO6465G	green	bolt					
▶ ECCO6465GMG	green	magnet					
▶ ECCO6465R	red	bolt					
▶ ECCO6465RMG	red	magnet					

▶ new product line extension



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ECCO® Class II Strobe Beacons, J-Bolt Mount

ECCO's J-Bolt mount features a die cast aluminum base that is coated against corrosion and designed for vibration resistance and heat dissipation.



ECCO6520A

part no.	color	profile	draw	volts	FPM	rating/cert.	warranty
ECCO6520A	amber	low	1.3	12-48	80	SAE J1318 Class II, CE	2 years
ECCO6520B	blue	low					
ECCO6520C	clear	low					
ECCO6520G	green	low					
ECCO6520R	red	low				SAE J1318 Class II, CE	
ECCO6530A	amber	medium					
ECCO6530B	blue	medium					
ECCO6530C	clear	medium					
ECCO6530G	green	medium					
ECCO6530R	red	medium					

ECCO® LED Class III Low Intensity Industrial Beacon

ECCO's maintenance-free 6260 Series LED Beacons feature three of the latest 3-watt LEDs and Pulse8 flash operation that produces a warning signal ideal for industrial applications. These beacons are reverse polarity, voltage spike and surge protected. The reinforced-nylon base houses the epoxy-sealed electronics for a superior environmental protection. Meets SAE Class III, R10, IP66.



ECCO6262A

part no.	color	mount	draw	volts	FPM	SAE	warranty
ECCO6263A	amber	2 bolt	.47	12-80	70 x 8	3	3 year
ECCO6267A	amber	1/2" pole					

ECCO® Low-Profile Class I Rotating Beacon

This economical low profile rotating beacon provides 160 flashes per minute and incorporates a belt drive with stainless steel bearings for long life and reliable service. Combined with a polycarbonate base, twist-on lens and 55-watt halogen bulb, it is available in a standard 3 bolt flange and 1" pipe mount, or in a vacuum magnet mount designed for use up to 65 mph. AMECA certified for SAE J854, 12 Volt Class I applications.



10060

part no.	color	mount	draw	volts	FPM	SAE	warranty
10060	amber	—	4.9	12	195	1	1 year
10065	amber	mag					

ECCO® Medium Profile Low Intensity Strobe Beacon

This economical low intensity and compact strobe (3.9"x 5.5"x 2.8") operates as a single flash strobe producing 1.5 joules making it ideal for small industrial lift trucks, material handling or electric cart applications. Beacons are reverse polarity, voltage spike and surge protected and are designed to be used in Type E, ES and EE industrial trucks.



10010DL

part no.	color	mount	draw	volts	FPM	rating/cert.	warranty
10010DL	amber	two bolt or 1" pipe	0.6	12-80	85	R10, CE, UL, IP66/67	3 years
▶ ECCO6220B	blue		0.3				
▶ ECCO6220C	clear						
▶ ECCO6220G	green						
▶ ECCO6220R	red						

▶ new product line extension



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10015



ECCO® Low Profile Low Intensity Strobe Beacon

This economical low intensity and compact strobe (3.9" x 5.1") operates as a single flash strobe, producing 1.5 joules, making it ideal for small industrial lift trucks, material handling or electric cart applications. Beacons are reverse polarity, voltage spike and surge protected.

part no.	color	mount	draw	volts	FPM	rating/cert.	warranty
10015	amber	bolt	0.3	12-80	70	R10, CE, (UL for bolt versions)	2
10020	amber	magnet		12-80			
▶ ECCO6410B	blue	bolt		12-80			
▶ ECCO6410BMG	blue	magnet		12-81			
▶ ECCO6410C	clear	bolt		12-82			
▶ ECCO6410CMG	clear	magnet		12-83			
▶ ECCO6410G	green	bolt		12-84			
▶ ECCO6410GMG	green	magnet		12-85			
▶ ECCO6410R	red	bolt		12-86			
▶ ECCO6410RMG	red	magnet		12-87			

▶ new product line extension

ECCO® Medium-Duty Class II Strobe Beacon

These medium-duty dual (80FPM)/quad (65FPM) flash strobe beacons offer glass filled nylon bases and thread-on polycarbonate lenses making them ideal for on-the-road delivery vehicles such as mini-vans or pick-up trucks. Low profile 10025 beacon (4.8" x 6.5") offers an integral flange for three bolt flush mount or 1" pipe mounting and is pre-wired for ease of installation. Low profile 10030 beacon (4.8" x 6.5") offers a vacuum magnet mount feature with a 15' cord and 12V DC lighter plug. Medium profile beacon (6.7" x 6.5") offers an integral flange for three bolt flush mount or 1" pipe mounting and is pre-wired for ease of installation. Beacons are reverse polarity, voltage spike and surge protected, and AMECA certified to SAE J1318 Class II, CE, R10.



10025

10035DL

part no.	color	mount	profile	draw	volts	FPM	SAE	warranty
10025	amber	—	low	2.2	12-24	65	2	2 year
10030	amber	mag	low					
10035DL	amber	—	medium					
▶ ECCO6570AVM								

▶ new product line extension

ECCO® 15" LED Class I Hybrid Rotator Mini Bar

The 5280 Series Mini Bar features LED hybrid technology that uses a brushless magnetic-drive system to spin the reflector disk, reducing noise and eliminating the typical motor/gear drawbacks associated with conventional rotators. Each hybrid module also features 8 high-intensity LEDs and TIR optic, providing SAE Class 1 light output. The UV hard coated lens reduces abrasion, cracking and fading. Meets SAE J845 Class I, IP Rating 67, CE, R10.



ECCO5280A

part no.	color	mount	draw	volts	flash pattern	SAE	warranty
ECCO5280A	amber	—	4.0	12-24	360, rotate	1	5 year
ECCO5280AMG	amber	mag					

ECCO® 15" LED Class I Mini Bar

The 5590 uses high intensity LEDs that combines and corners discrete optic and reflective technology to maximize light output. This provides an intense, focused signal to the front and rear as well as wide angle warning to the sides. Users can select from 18 flash patterns, either via trigger wire on permanent mount models or cigarette plug switch on magnetic models. Meets SAE J845 Class I, California Title 13, CE, R10, IP65.



ECCO5590A

part no.	color	mount	draw	volts	flash pattern	SAE	warranty
ECCO5590A	amber	—	6.0	12-24	18	1	3 year
ECCO5590CA	clear lens, amber	—					
ECCO5590CAVM	amber	vac mag					
ECCO5590AVM	clear lens, amber	vac mag					



ECCO5585A



ECCO5585CCVM

ECCO® 15" LED Class I Mini Bar

Class 1 LED Mini Bars provide a powerful warning solution that offers the flexibility of either permanent or vacuum-magnet mounting. They feature eight LED modules, each comprising of three LEDs of high intensity light output. The mini bar can also be synchronized (permanent mount only). Vacuum mount comes with a cigarette plug with an on/off and flash pattern selectable switch. Meets SAE J845 Class I, California Title 13, CE, e. Temperature rating of -22°F to 122°F (-30°C to 50°C). ***ECCO5585CRB and ECCO5585CRBVM are not available for use on public roads by private vehicles.**



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part no.	color	mount	draw	volts	flash pattern	SAE	warranty						
ECCO5585A	amber	—	5.1	12-24	18	1	3 year						
ECCO5585CA	clear lens, amber												
ECCO5585CB	clear lens, blue												
ECCO5585CC	clear												
ECCO5585CG	clear lens, green												
ECCO5585CR	clear lens, red												
ECCO5585CAC	clear lens, split amber/clear												
ECCO5585CAB	clear lens, split amber/blue												
ECCO5585CAR	clear lens, split amber/red												
ECCO5585CAG	clear lens, split amber/green												
ECCO5585CRB	clear lens, split red/blue												
ECCO5585AVM	amber,							vac mag	5.1	12-24	18	1	3 year
ECCO5585CAVM	clear lens, amber												
ECCO5585CBVM	clear lens, blue												
ECCO5585CCVM	clear												
ECCO5585CGVM	clear lens, green												
ECCO5585CRVM	clear lens, red												
ECCO5585CACVM	clear lens, split amber/clear												
ECCO5585CABVM	clear lens, split amber/blue												
ECCO5585CARVM	clear lens, split amber/red												
ECCO5585CAGVM	clear lens, split amber/green												
ECCO5585CRBVM	clear lens, split red/blue												
ECCO5585AMG	amber	magnet	5.1	12-24	18	1	3 year						
ECCO5585CAMG	clear lens, amber												
ECCO5590AMG	amber												
ECCO5590CAMG	clear lens, amber												

ECCO® 15" LED Class II Mini Bar

The Class II LED Mini Bars provide a compact warning solution that offers the flexibility of either permanent or vacuum-magnet mounting. Eight LED modules, each comprising of three LEDs provides high intensity light output amplified with the reflective technology to maximize light output. The permanent mount model offers users the choice of 18 user selectable flash patterns. Meets SAE J845 Class II, CE, R10.



ECCO5580A

part no.	color	mount	draw	volts	flash pattern	SAE	warranty
ECCO5580A	amber	—	2.7	12-24	18	2	3 year
ECCO5580CA	clear lens, amber						
ECCO5580AVM	amber	vac mag	2.7	12-24	18	2	3 year
ECCO5580CAVM	clear lens, amber						
ECCO5580AMG	amber	magnet	2.7	12-24	18	2	3 year
ECCO5580CAMG	clear lens, amber						



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10050

ECCO® 15" High Intensity Rotating Mini Bar

These low profile high performance belt-driven Mini Bars offer a unique free-form optics rotator module that provides a high intensity light output making them ideal for various work truck applications that require a Class I rating.

part no.	color	mount	amps	volts	FPM	rating/cert.	warranty
10045	amber	bolt	11	12	480	IP 54, SAE J845 Class I rating, CE	3
10050	amber	magnet					
▶ ECCO5135B	blue	bolt					
▶ ECCO5135BVM	blue	magnet					
▶ ECCO5135C	clear	bolt					
▶ ECCO5135CVM	clear	magnet					
▶ ECCO5135R	red	bolt					
▶ ECCO5135RVM	red	magnet					

▶ new product line extension

ECCO® Class II 15" Strobe Mini Bars

Two-head power supply, offering double or quad flash operation as well as high to low intensity light output which can be user-selected at the time of installation or via a switch.



ECCO5150ACCVM

part no.	color	mount	lens	volts	FPM	rating/cert.	warranty
ECCO5150AAA	amber	bolt	amber	12-24	70/65	SAE J1318 Class II, R10, CE	2 years
ECCO5150AAAVM		magnet	amber				
ECCO5150ACC		bolt	clear			R10, CE	
ECCO5150ACCVM		magnet	amber				

ECCO® 15" Rotating Mini Bar, Class I

These Mini Bars feature a heavy-duty gear drive rotator and have a polycarbonate lens and dome.



ECCO5315A

part no.	color	mount	lens	volts	FPM	rating/cert.	warranty
ECCO5315A	amber	bolt	amber	12	300	SAE J845 Class I, California Title 13	2 years
ECCO5315AVM		magnet					

ECCO® 22" High Visibility Class I Rotating Low Profile Mini Bar

These economical self-lubricating motor and gear rotator assembly Mini Bars offer a high visibility light. The rugged with polycarbonate lens and coated aluminum base houses two rotating 50-watt halogen bulbs with a fixed center mirror. These Mini Bars carry a SAE J845 Class I rating, CE.



part no.	color	amps	volts	FPM	SAE	warranty
10055	amber	8.6	12	400	1	2 year

LED 1" Micro Strobes

They feature 11 selectable flash patterns and are capable of alternating or synchronized flashing. Mounting is made easy with supplied grommet and stainless steel bezel, into a 1" mounting hole. Each light is pre-wired with individual control module. Rated to 210MA max draw @ 12.8V DC.



10131



10135

part no.	color	diodes	flash patterns	warranty
10130	red	1	11	1 year
10131	white			
10135	amber			
10132	blue-clear lens			



ECCO3410A

ECCO® Safety Director LED with Controller

The 3410 LED Safety Director is a compact high-intensity warning system designed to direct traffic approaching from the rear of a stationary vehicle. Housing is manufactured from extruded aluminum and houses the eight reflective modules with 6 LEDs each. The modern, soft touch controller provides control of nine built-in flash patterns and features an LED display that mimics the selected pattern in real time. ECCO3410A meets SAE J845 Class I, CE, R10.

part no.	description	SAE	warranty
ECCO3410A	LED safety signal director w/controller, 15' cable	1	3 year
ECCO3435A	LED safety signal director w/controller, 35' cable	1	
ECCO3455A	LED safety signal director w/controller, 55' cable	1	
ECCO3410CB	safety director controller	—	
ECCO3410LBA	LED signal bar	1	
ECCO341015	15-ft safety signal bar cord	—	
ECCO341035	35-ft safety signal bar cord	—	
ECCO341055	55-ft safety signal bar cord	—	



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ECCO37038AS

ECCO® Narrowstik Directional Lights

High output directional warning with low amp draw, maintenance free and long-life LED light source. Features 32 flash patterns selectable via in-cab rocker switch panel.

part no.	length	LED modules	flash patterns	rating/cert.	warranty
ECCO37038AS	29"	8 (3703)	32	SAE J595 Class I	3 years
ECCO37048AS	48"	6 (3705) 2 (3704)			



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ECCO3945C

ECCO® Class I 4" Round Grommet Mount LED Directional

These independent LED directional lights offer long-life, low-maintenance operation with no moving parts or bulbs/flashtubes to break or replace. Simply fit in standard round rear lighting grommets. Single, slow single, fast single, double, fast double, quad, quint and warp flash patterns. Meets SAE J595 Class I.

part no.	color	SAE	warranty
ECCO3945A	amber	1	1 year
ECCO3945B	blue		
ECCO3945C	clear		
ECCO3945R	red		



ECCO3921A

ECCO® 4" Round Slimline LED Directional

These versatile LEDs offer a choice of either grommet or surface mounting. Comprised of 56 high intensity LEDs, these lights feature 15 flash patterns and have a simple 3 wire hook-up. Choose from surface or grommet mount.

part no.	color	mount	warranty
ECCO3921A	amber	grommet	2 year
ECCO3912A	amber	surface	
ECCO3912R	red	surface	
ECCO3921R	red	grommet	



ECCO3965C

ECCO® Class I Oval Grommet Mount LED Directional

Fits in standard oval rear lighting grommets. Single, slow single, fast single, double, fast double, quad, quint and warp flash patterns. Meets SAE J595 Class I.

part no.	color	SAE	warranty
ECCO3965A	amber	1	1 year
ECCO3965B	blue		
ECCO3965C	clear		
ECCO3965R	red		



ECCO3920A

ECCO® Oval Slimline LED Directional

Comprised of 56 high intensity LEDs, these lights feature 15 flash patterns and have a simple 3 wire hook-up. Choose from surface or grommet mount.

part no.	color	mount	warranty
ECCO3920A	amber	grommet	2 year
ECCO3911A	amber	surface	
ECCO3911R	red	surface	
ECCO3920R	red	grommet	



ECCO3910A

ECCO® Slimline LED Surface Mount Directional

They are comprised of 56 high intensity LEDs, these lights feature 15 flash patterns and have a simple 3 wire hook-up.

part no.	color	shape	warranty
ECCO3930A	amber	square	2 year
ECCO3910A	amber	rounded corner square	
ECCO3910R	red	rounded corner square	
ECCO3930R	red	square	



ECCO3931A

ECCO® Extremely Thin Surface Mount LED Directional

Choose from 16 available patterns including steady on, random, single, double, quad, mega, phased mega and deciblast. Lights are synchronizable with other like units. 18 high intensity LEDs. 16 flash patterns including random. Extremely slim at only 0.34". Long, maintenance-free service life. Low current draw (0.5 Amps). Rated to IP66.

part no.	color	shape	warranty
ECCO3931A	amber	rectangle	2 year
ECCO3931B	blue		
ECCO3931C	clear		
ECCO3931R	red		
ECCO3932A	amber	elongated rectangle	
ECCO3932B	blue		
ECCO3932C	clear		
ECCO3932R	red		



ECCO® Slimline LED Grommet Mount Directional

Surface and bracket (bracket included) LED directional lights offer long-life and low maintenance with no moving parts or flashtubes to break or replace. Weatherproof IP67 rating. SAE J595 Class I (light output only).

part no.	color	flash	sync	SAE	warranty
ECCOED0001A	amber	24	yes	1	1 year
ECCOED0001B	blue				
ECCOED0001C	clear				
ECCOED0001R	red				



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ECCO3510A

ECCO® Class I Slimline LED Directional, Surface Mount

This slimline LED measures only 3.3" x 1.1" and only .04" deep, comprising of 24 1-watt high-intensity LEDs in an ultra compact housing. Comes pre-wired with 9-ft cable. Meets SAE J595 Class I (Amber, Blue, Clear, Red). California Title 13 (Amber, Blue, Red). Meets SAE J845 class II, CE, IP67.

part no.	color	flash	SAE	warranty
ECCO3510A	amber	16	1 & 2	5 year
ECCO3510B	blue		1 & 2	
ECCO3510C	clear		1 & 2	
ECCO3510R	red		1 & 2	
ECCO3510G	green		—	



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ECCOED3712AB

ECCO® Class I Dual Color Multi-Mount LED Directional

The ED3712 series is an ultra thin, low profile LED. ECCOED3712RB is not available for use on public roads by private vehicles. All necessary hardware is included with each light.

part no.	color	mounting	patterns	no. LEDs	rating/cert.	warranty
ECCOED3712AB	amber/blue	surface, tilt bracket, self-adhesive, edge mount	12 (62 modes)	12	SAE J595 Class I, California Title 13, R65, R10, IP67.	3 year
ECCOED3712AC	amber/clear					
ECCOED3712AG	amber/green					
ECCOED3712AR	amber/red					
ECCOED3712BC	blue/clear					
ECCOED3712RB	red/blue					
ECCOED3712RC	red/clear					

ECCO® Class I LED Directional, Surface Mount

This slimline LED measures only 3.3" x 1.1" and only .04" deep. Comes pre-wired with 9-ft cable. Multiple heads can be synchronized. Four high-intensity LEDs combine with TIR optics to provide high-intensity directional warning. Units are colorless when not illuminated. California Title 13 (Amber, Blue, Red). Meets SAE J845 class II, CE, IP67.



ECCO3715A

part no.	color	no. of flashes	no. LEDs	SAE	warranty
ECCO3715A	amber	9	24	2	5 year
ECCO3715B	blue			2	
ECCO3715C	clear			2	
ECCO3715G	green			—	
ECCO3715R	red			2	

ECCO® Class II LED Directional, Surface Mount

Ideal for applications requiring high intensity output, low-current draw and no-maintenance operation. The coated aluminum base and urethane-sealed electronics protect the unit against the environment.



ECCO3730A

part no.	color	no. of flashes	sync	rating/cert.	warranty
ECCO3730A	amber	14	Yes	e. IP Rating 67	5 year
▶ ECCO3730B	blue				
ECCO3730C	clear				
▶ ECCO3730R	red				
▶ ECCO3735A	amber	11	no	SAE J845 Class II, CE, R10, IP67	1 year
ECCO3735B	blue			CE, R10, IP67	
ECCO3735C	clear				
▶ ECCO3735G	green				
▶ ECCO3735R	red				

▶ new product line extension



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ECCO3811



ECCO3861

ECCO® LED Quad Flash Class I Lights

These directional LEDs comprise 20 high intensity LEDs with individual reflectors. Featuring 7 flash patterns and synchronization capability, offering fit-and-forget maintenance-free operation and low amp draw. Lights have a tough, clear polycarbonate housing with encapsulated electronics. These flash lights are rated SAE J595 Class I, CE, and R10.

part no.	color	mount	shape	SAE	warranty
ECCO3811A	amber	surface	rectangle	1	3 year
ECCO3811B	blue				
ECCO3811C	clear				
ECCO3811R	red				
ECCO3861A	amber	grommet	oval		
ECCO3861B	blue				
ECCO3861C	clear				
ECCO3861R	red				

ECCO® Concealed Surface Mount LED Directional Light

These surface mounted lights are high intensity, directional LED warning lights specifically designed for vehicle headlight and tail light applications. The six 1-watt LEDs can be programmed to 16 different flash patterns. The in-line waterproof driver module eliminates need for a remote power supply. They are manufactured with a UV stabilized polycarbonate lens, nickel-plated housing and come with a 9-ft cable. CE.



part no.	color	mount	warranty
ECCO9014A	amber	surface	2 year
ECCO9014B	blue		
ECCO9014C	clear		
ECCO9014R	red		



ECCO® Dual Head Concealed Warning LEDs

Control electronics are situated in a sealed, in-line driver module so no remote power supply is required. 16 flash patterns are included and multiple units can be synchronized to flash alternately or simultaneously. Four 1-watt high intensity LED's per head provide exceptional warning. UV stabilized polycarbonate lens, nickel plated housing and 9' cable. CE, R10.



part no.	color	mount	warranty
ECCO9021AA	amber	surface	5 year
ECCO9021BB	blue		
ECCO9021CC	clear		
ECCO9021RR	red		
ECCO9022AA	amber	pop-in	
ECCO9022BB	blue		
ECCO9022CC	clear		
ECCO9022RR	red		

ECCO® Class I Dual Color LED Directional

The dual color surface directional light offers the flexibility of two different color outputs within a single unit, comprised of 12 high intensity LEDs, six of each color. With the choice of 11 flash patterns and synchronization capability, it allows for an attention-getting multi-color warning system with half the number of lights typically required. Each model can be programmed to flash either color option individually or alternate colors. Meets SAE J595 Class I, California Title 13, R65, R10.



ECCOED3766AB

part no.	color	SAE	warranty
ECCOED3766AB	amber/blue	1	3 year
ECCOED3766AC	amber/clear		
ECCOED3766AG	amber/green		
ECCOED3766AR	amber/red		
ECCOED3766RB	amber/blue		



ECCOED3706A

ECCO® Class I Dual and Solid Color LED Directional

These ultra thin, low profile LEDs are available in solid and split colors. Offering the flexibility of four mounting options: surface mount, tilt bracket, self-adhesive mount and edge mount (all necessary hardware is included with each light). Featuring 21 flash patterns and synchronization capability, this super bright LED is designed for maximum light output at all angles. 12-24V DC, 0.9A draw. Aluminum Housing, Polycarbonate Lens. SAE J595 Class 1, California Title 13, R65, R10, IP67. **ECCOED3706RB is not available for use on public roads by private vehicles.**



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part no.	color	SAE
ECCOED3706A	amber	1
ECCOED3706B	blue	
ECCOED3706C	clear	
ECCOED3706G	green	
ECCOED3706R	red	
ECCOED3706AB	amber/blue	
ECCOED3706AC	amber/clear	
ECCOED3706AG	amber/green	
ECCOED3706AR	amber/red	
ECCOED3706RB	red/blue	



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ECCO® Class I Solid, Split & Dual Color Surface Mount LED Directional

The ED3701 and ED3702 directional LEDs are bright and versatile warning lights that are suited to a wide variety of applications. Die cast base, polycarbonate lens. **ECCOED3701RB and ECCOED3702RB are not available for use on public roads by private vehicles.**



ECCOED3701A



ECCOED3702AC

part no.	type	light color	no. of LEDs	flash patterns	modes	rating/cert.
ECCOED3701A	solid	amber	6	13	29	SAE J595 Class I California Title 13 R65 R10
ECCOED3701B		blue				
ECCOED3701C		clear				
ECCOED3701G		green				
ECCOED3701R		red				
ECCOED3701AB	split	amber/blue				
ECCOED3701AC		amber/clear				
ECCOED3701AG		amber/green				
ECCOED3701AR		amber/red				
ECCOED3701BC		blue/clear				
ECCOED3701RB		red/blue				
ECCOED3701RC		red/clear				
ECCOED3702AB	dual	amber/blue	12	12	62	
ECCOED3702AC		amber/clear				
ECCOED3702AG		amber/green				
ECCOED3702AR		amber/red				
ECCOED3702BC		blue/clear				
ECCOED3702RB		red/blue				
ECCOED3702RC	red/clear					



ECCO® 3700 Series Class I Surface Mount LED Directional

This versatile surface mount light features synchronization capability and SAE Class I operation. Lights also feature low amp draw and are rated to 12-24V DC. SAE J595 Class I (Amber, Blue, Clear & Red). R10 (3703 and 3704 only). **ECCO3704RB and ECCO3705RB are not available for use on public roads by private vehicles.**



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part no.	color	no. flahes	no. LEDs	rating/cert.	warranty		
ECCO3703A	Amber	11	3	SAE J595 Class I, R10	3 year		
ECCO3703B	Blue						
ECCO3703C	Clear						
ECCO3703G	Green						
ECCO3703R	Red			R10			
ECCO3704A	Amber	21	4	SAE J595 Class I, R10			
ECCO3704B	Blue						
ECCO3704C	Clear						
ECCO3704G	Green						
ECCO3704R	Red			R10			
ECCO3705A	Amber		6	6		SAE J595 Class I	
ECCO3705B	Blue						
ECCO3705C	Clear						
ECCO3705G	Green						
ECCO3705R	Red						
	-						
ECCO3704AB	Amber/Blue	4	4	SAE J595 Class I			
ECCO3704AC	Amber/Clear						
ECCO3704AR	Amber/Red						
ECCO3704BC	Blue/Clear						
ECCO3704RB	Red/Blue						
ECCO3704RC	Red/Clear						
ECCO3705AB	Amber/Blue				6	6	SAE J595 Class I
ECCO3705AC	Amber/Clear						
ECCO3705AR	Amber/Red						
ECCO3705BC	Blue/Clear						
ECCO3705RB	Red/Blue						
ECCO3705RC	Red/Clear						

ECCO® Self Adhesive LED Warning Lights

Stick-A-LED™ warning lights are compact, high intensity auxiliary LEDs designed to provide a powerful warning signal with fast and easy installation. The self-adhesive, peel and stick backing allows placement on any flat surface. They require only a single wiring hole and a simple two wire connection. Meets CE, R10, IP66 standards.



part no.	color	shape	warranty
ECCOED0002A	amber	oval	1 year
ECCOED0002B	blue		
ECCOED0002C	clear		
ECCOED0002R	red		
ECCOED0003A	amber	triangle	
ECCOED0003B	blue		
ECCOED0003C	clear		
ECCOED0003R	red		
ECCOED0004A	amber	rectangle	
ECCOED0004B	blue		
ECCOED0004C	clear		
ECCOED0004R	red		

ECCO® Deck/Dash and Window Mount LED Warning Lights

The dash and window mount LEDs are compact and versatile. The high intensity directional LED warning lights are suitable for mounting anywhere on a vehicle. These lights are plugged into a 12V power outlet and comes with an on/off and flash pattern select switches. Meets SAE J595 Class I, CE, R10. California Title 13 (Amber, Blue & Red Configurations).



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part no.	color	size	SAE	warranty
ECCO3611A	amber	single grille	1	3 year
ECCO3611C	clear			
ECCO3611B	blue			
ECCO3611R	red			
ECCO3611AC	amber/clear			
ECCO3611RB	red/blue	twin grille		
ECCO3612AA	amber/amber			
ECCO3612CC	clear/clear			
ECCO3612AC	amber/clear			
ECCO3612AR	amber/red			
ECCO3612AB	amber/blue			
ECCO3612CR	clear/red			
ECCO3612RB	red/blue			
ECCO3612BB	blue/blue			
ECCO3612BC	blue/clear			
ECCO3612RR	red/red			

ECCO® Hide-A-LED Bullet Warning Lights

The Hide-A-LED Bullet is a concealed LED warning light that features two high-intensity 3-watt LEDs to deliver an exceptionally bright warning signal with up to 16 flash patterns. Requiring only a single 1/2" hole, the Bullet's shape overcomes the problem of difficult installation in the highly compact, double wall design of modern vehicle casings. 9-ft cable included.



part no.	color	shaft size	amps	volts	lumens	SAE	warranty
ECCOED0010A	amber	3/4"	0.7	12-24V DC	200	1	3 year
ECCOED0010C	clear				460		
ECCOED0010B	blue				100		
ECCOED0010R	red				200		
ECCOED0011A	amber	2"			200		
ECCOED0011C	clear				460		
ECCOED0011B	blue				100		
ECCOED0011R	red				200		



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Whether you are hooking up your trailer, winching a vehicle or illuminating the field in front of you, Del City has a line of lights to help you get your job done. Choose from LED or halogen models for the light. Then pick the style and light pattern to get the perfect fit for your application.



ECCOE92005

ECCO® LED Round Work Lights

These work lights offers the latest technology and the very brightest white light for your application. This LED model offers over 80,000 hours of maintenance free life expectancy coupled with extremely low amp draw.

part no.	pattern	LEDs	volts	raw lumens	rating/cert.	warranty
ECCOE92005	flood	8	12-24V DC @ 1.2A	1000	CE	2 years
ECCOE92004	flood	6		800	CE, R10	
▶ ECCOE92480	spot	5		550	CE, R10, IP67	3 years
▶ ECCOE92481	flood	5		600	CE, R10, IP67	

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ECCOE92401

ECCO® LED Square Work Light

These work lights offer the latest technology and the very brightest white light for your application. This LED model offers over 80,000 hours of maintenance free life expectancy coupled with extremely low amp draw.

part no.	LEDs	pattern	rating	volts	raw lumens	warranty
ECCOE92401	4-3 watt	flood	IP67, CE	12-24V DC @ 0.9A	600	2 years
ECCOE92008	30-3 watt	flood	CE	12-24V DC @ 2.2A	2300	
ECCOE92006	9-3 watt	flood	CE	12-24V DC @ 1.6A	1300	
ECCOE92007	5-3 watt	flood	CE	12-24V DC @ 1.1A	750	



ECCOE92007MG

ECCO® Square 5 LED Flood Work Light, Magnet Mount

Features cigarette plug with on/off switch. CE approval, aluminum heatsink housing and acrylic lens.

part no.	pattern	volts	raw lumens	warranty
ECCOE92007MG	flood beam	12-24V DC @ 1.1 A	750	2 year



ECCOE92470

ECCO® Square 5 LED Work Light

Aluminum heatsink housing. Polycarbonate lens. Steel mounting bracket. CE, R10.

part no.	LEDs	pattern	rating	volts	raw lumens	warranty
ECCOE92470	5-3 watt	spot	CE, R10	12-24V DC @ 0.8 A	600	3 years
ECCOE92471		flood	CE, R10	12-24V DC @ 0.8 A	600	



ECCOE92490

ECCO® Oval 5 LED Work Lights

These LED models offer 80,000 hours of maintenance free life expectancy coupled with extremely low amp draw.

part no.	pattern	LEDs	volts	lumens	rating/cert.	warranty
ECCOE92490	spot	5	12-24V DC @ 1.2A	550	CE, R10, IP67	3 years
ECCOE92491	flood					



ECCOE92020

ECCO® Oval LED Worklamps

Supplied with blue, black, chrome and white bezels. Two 3-watt LEDs.

part no.	mounting	pattern	volts	watts	lumens	rating/cert.	warranty
ECCOE92020	surface or bracket	spot	12-24V DC	300	3	IP67 R10	3 years
ECCOE92021		flood	12-24V DC	300	3		



ECCOEW2340

ECCO® Oval 4 LED Work Light

Features 12-24V DC operation, aluminum housing and a 3-year warranty. Aluminum heatsink housing. ABS reflector and polycarbonate lens. Steel mounting bracket.

part no.	LEDs	pattern	rating	volts	raw lumens	warranty
ECCOEW2340	4-10 watt	spot	-	12-24V DC @ 1.9 A	2200	3 years
ECCOEW2341	4-10 watt	flood	-	12-24V DC @ 1.9 A	2050	



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ECCOEW2101 ECCOEW2101A

ECCO® Equinox™ Square 6 LED Work Light

A universal work light, the Equinox™ work lights offers the brightest light for your application. Featuring aluminum housing, polycarbonate lens, IP67 rating.

part no.	color	pattern	rating	volts	raw lumens	warranty
ECCOEW2101	white	flood	IP67, CE, R10	12-24V DC @ 1.9 A	1650	3 years
ECCOEW2101A	amber	flood	IP67, CE, R10	12-24V DC @ 1.8 A	1650	



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ECCO® Square 8 LED Work Light

Features high-intensity 3900 lumen light output making it an ideal choice for flood beams. Eight 10-watt LEDs. High-intensity beam. Aluminum heatsink housing. Heavy-Duty stainless steel articulating bracket. Polycarbonate lens.

part no.	pattern	rating	volts	raw lumens	warranty
ECCOEW2330	spot	-	12-24V DC @ 4.8 A	4600	3 years
ECCOEW2331	flood	-	12-24V DC @ 4.8 A	4850	



ECCOEW2102

ECCO® Equinox Square 8 LED Work Light

With a modern housing shape and exclusive ECCO grille recessed in the lens, Equinox is a distinctive universal work light that shines brightly in any work environment. The EW2102 model also features the Lo-GLO™, an illuminated ECCO logo that provides both a modern look and offers additional safety as an obstruction marker light. Featuring aluminum housing, IP67 protection rating and a 3 year warranty, the EW2102 has the added benefits of a UV hard coated lens and a Gore® vent for superior environmental protection.

part no.	pattern	rating	volts	raw lumens	warranty
ECCOEW2102	flood	IP67	12-24V DC @ 2.6 A	2000	3 years



ECCO® Class I Surface/Bracket Mount LED Directionals

The ED3022 LED directional light offers long life, maintenance-free operation. Supplied with a bezel matching color of illumination.



ECCOED3022R

part no.	color	mounting	patterns	no. LEDs	rating/cert.	warranty
ECCOED3022A	amber	surface/ bracket	12	3	SAE Class I, R65, California Title 13, IP67, R10	3 years
ECCOED3022B	blue					
ECCOED3022C	clear					
ECCOED3022G	green					
ECCOED3022R	red					

ECCO® Magnetic Rechargeable LED Work Light

Featuring a high intensity lumen flood beam and three operating modes (100% intensity, 30% intensity and SOS flashing). The long-life, lithium rechargeable battery allows the LED work light to be operated for 3-4 hours before recharging is required. Supplied with a cigarette socket charging lead and North American AC charger.



ECCOEW2461NA

part no.	LED color	base color	pattern	lumens	warranty
ECCOEW2461NA	clear	black	flood	600	1 year
ECCOEW2461CAMO	clear	camo	flood	650	
ECCOEW2461CANA	clear/amber	black	flood	650	
ECCOEW2461CRNA	clear/red	black	flood	650	

▶ new product line extension

part no.	replacement parts
ECCOEW4002NA	north american AC plug adapter
ECCOEW4003	cigarette socket charger
ECCOEW4004	handle



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ECCOEW2411

ECCO® LED Rectangle Work Light

This work light offers the latest technology and the very brightest white light for your application. This LED model offers over 80,000 hours of maintenance free life expectancy coupled with extremely low amp draw.

part no.	LEDs	pattern	rating	volts	raw lumens	warranty
*ECCOEW2501	5-10 watt	flood	IP67, CE	12-24V DC @ 3.0A	2900	2 years
ECCOEW2301	6-10 watt	flood	-	12-24V DC @ 2.7A	3000	3 years
ECCOEW2300	6-10 watt	spot	-	12-24V DC @ 2.7A	3100	



LED Round Sealed Work Light

This heavy-duty light is designed to endure the roughest terrains. It is manufactured with a powder-coated aluminum housing and polycarbonate lens. The 6 powerful LEDs provide a total of 280 lumens, 3,900 candles, with a minimal 1.24A draw.

part no.	diodes	warranty
7995	6	1 year



ECCOE91082

Halogen Oval Work Light

Oval, halogen flood work light uses a 55-watt H3 halogen bulb. Ideal for fleet, emergency and utility vehicles.

part no.	pattern	volts	raw lumens	warranty
ECCOE91082	flood	12V DC @ 4.9A	1100	1 year
ECCOE91085	spot	12V DC @ 4.9A	1200	



ECCOE91002

Halogen Round Work Light

This round, halogen flood work light uses a 55-watt H3 halogen bulb. Ideal for fleet, emergency and utility vehicles.

part no.	pattern	volts	raw lumens	warranty
8595	flood	12V DC @ 5.1A	900	1 year
ECCOE91002	flood	12V DC @ 5.2A	1200	



ECCOE91005

Halogen Square Work Light

This square, halogen flood work light features a 55-watt H3 halogen bulb. The flood beam work lights produce all the light you need to get the job done safely. Ideal for fleet, emergency and utility vehicles.

part no.	pattern	volts	raw lumens	warranty
ECCOE91005	flood	12V DC @ 5.2A	1000	1 year
ECCOE91025	flood	12V DC @ 5.2A	950	
ECCOE91099	flood	12V DC @ 4.9A	800	
ECCOE91026	spot	12V DC @ 5.2A	1000	
ECCOE91102	spot	12V DC @ 5.2A	750	



ECCOE91064

Halogen Rectangle Work Light

Rectangular, twin beam, halogen flood work light uses 55-watt H3 halogen bulbs. These twin beam work lights produce all the light you need to get the job done safely. Ideal for fleet, emergency and utility vehicles.

part no.	pattern	volts	raw lumens	warranty
7895	flood	12V DC @ 5.2A	800	1 year
ECCOE91064	flood	12V DC @ 9.4A	1800	
ECCOE91088	flood	12V DC @ 9.6A	1700	
ECCOE91067	spot	12V DC @ 9.7A	2300	
ECCOE91091	spot	12V DC @ 9.8A	2100	



ECCOEW2440



ECCOEW2441

ECCO® Mini Rectangular 6 LED Spot Beam

The compact EW2440 Series work lights offer not only the choice of spot or flood illumination, but also the latest technology and the very brightest white light for your application. This LED model offers over 80,000 hours of maintenance free life expectancy coupled with extremely low amp draw.

part no.	pattern	volts	raw lumens	warranty
ECCOEW2440	spot	12-24V DC @ 1.2 A	1100	2 years
ECCOEW2441	flood	12-24V DC @ 1.2 A	1100	



8595

Rubber Tractor Light

All-purpose Par 36 sealed beam tractor light features a rubber-coated housing that is resistant to moisture, vibration and road shock. Light features a mounted swivel base bracket and the light within is comparable to a #4411 bulb. Rated for 8–14V DC.

part no.	description
8595	tractor light



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ECCOEW2303

ECCO® Square 2 LED Work Light

Features aluminum heatsink housing, toughened glass lens, steel mounting brackets and CE, R10 approvals.

part no.	pattern	volts	raw lumens	warranty
ECCOEW2303	flood	12-24V DC @ 1.2 A	1250	3 years
ECCOEW2304	spot			



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ECCO® Rubber Round 6 LED Work Light

The E92013 Series work light combines the latest long-life LED technology with the highly popular PAR36 rubber housing. Ideal for replacing outdated and under-performing halogen models with a modern alternative to provide better work area illumination.

part no.	pattern	volts	raw lumens	warranty
ECCOE92013	flood	12-24V DC @ 0.9 A	650	1 year



ECCOEW2450MG

ECCO® Square 9 LED Work Light, Magnet Mount

EW2510 Series heavy-duty work lights offer the latest technology and the very brightest white light for your application. This LED model offers over 80,000 hours of maintenance free life expectancy, coupled with extremely low amp draw. A robust housing with vibration dampening bracket and high-intensity 1100 lumen output. Features on/off switch, removable handle, 360° stainless steel rotation axis, aluminum heatsink housing and polycarbonate lens.

part no.	pattern	volts	raw lumens	warranty
ECCOEW2450MG	spot	12-24V DC @ 2.2 A	1300	2 years
ECCOEW2451MG	flood			



Halogen Flood Work Light

Free form lens refractor technology, creates 30% more illumination than competitive models, and a simple-to-remove lens cover allows easy access to replace the 55W, H3 bulb. The housing is manufactured from a UV heat stabilized plastic and the unique cable sealing system reduces harmful debris from getting inside. A dual swivel mounting bracket allows for multiple mounting positions and all chrome-plated stainless steel mounting hardware is included. Rated to 12V DC.

part no.	housing color	shape
7490	white	rectangle
7495	black	



7895

Rectangular Flood Light

The tough EPDM, impact resistant housing is ideal to be utilized as auxiliary lighting or secondary reverse light. The polycarbonate lens provides a wide dispersal pattern and the dual swivel points allow for a diverse range of light positions. Hardware included. Rated to 8–14V DC.

part no.	pattern
7895	flood light



ECCOEW2450



ECCOEW2451

ECCO® Square 9 LED Flood Beam, Swivel Mount

The EW2450 Series work lights offer not only the choice of spot or flood illumination, but also offer latest technology and the very brightest white light for your application.

part no.	pattern	volts	raw lumens	warranty
ECCOEW2450	Spot Beam	12-24V DC @ 2.2 A	1300	3 years
ECCOEW2451	Flood Beam	12-24V DC @ 2.2 A	1300	



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ECCOEW2510

ECCOEW2511

ECCO® Heavy-Duty Square 9 LED Flood Light

A robust housing with vibration dampening bracket and high-intensity 4550 lumen output make these work lights the ideal choice for a wide variety of arduous applications. IP68 protection rating, a choice of flood or spot beams, aluminum housing.

part no.	pattern	volts	raw lumens	warranty
ECCOEW2510	spot	12-24V DC @ 4.8 A	5100	2 years
ECCOEW2511	flood	12-24V DC @ 4.8 A	5000	

ECCO® Oval 4 Blue LED Spotlight

EW2000 Series Pedestrian LED Spotlights are designed specifically for material handling applications to provide a visual warning to pedestrians in the vicinity of mobile equipment. These lights are intended as a supplemental safety device in addition to a 360° warning light and projects a blue, 300 lumen spot beam onto the ground either in front or to the rear of the vehicle. This outdoor blue spotlight features an aluminum heatsink housing and polycarbonate lens. It's resistant to impact and vibration damage with an IP67 ingress protection rating.



ECCOEW2000B

part no.	pattern	volts	warranty
ECCOEW2000B	flood	12-48V DC @ 0.9 A	3 years

ECCO® Heavy Duty Square 9 LED Spotlight

High intensity 3600 lumen light output makes it an ideal choice for a wide variety of arduous applications.



ECCOEW2310

ECCOEW2311

part no.	pattern	volts	raw lumens	warranty
ECCOEW2310	spot	12-24V DC @ 5.3 A	5100	3 years
ECCOEW2311	flood	12-24V DC @ 5.3 A	4950	

ECCO® Rectangular 5 LED Spot Beam

Has the ability to be linked together either horizontally or vertically to suit individual needs. High intensity 2150 lumen light output and IP67 intrusion protection make this an extremely robust, bright and flexible work area lighting solution.



ECCOEW2320



ECCOEW2321

part no.	pattern	volts	raw lumens	warranty
ECCOEW2320	spot	12-24V DC @ 2.2 A	2400	3 years
ECCOEW2321	flood	12-24V DC @ 2.2 A	2400	

MARINCO® Spot Lights

Marinco® Wireless Controlled Spotlight

Marinco® spotlights are the most versatile and durable spotlights on the market. The housing features fully enclosed tilt function, double O-Ring sealing, UV resistant ASA polycarbonate construction and an IP56 weatherproof rating. Smart, wireless communication between the remote and the lights allow the controls and lights to be placed just about anywhere on your boat with universal 12 or 24 volt operation in a single design. Bright 100 Watt H3 Halogen bulb and optimized reflector and lens provide a bright and consistent light pattern.



part no.	housing color	warranty
19012118	white	3 years
19012119	black	
19012120	chrome	

Marinco® Wireless Control

Control your Marinco® spotlight with one-touch auto sweep and S.O.S. signal. They have auto programming, no dip switches and are reverse programmable for spotlights that are mounted upside down. All spotlights include 19012123.



part no.	description	warranty
19012123	bridge mount spotlight remote	3 years
19012124	hand-held spotlight remote	
19012125	bridge mount, hard wired spotlight remote	

Marinco® Replacement Bulb

Bright, H3 Halogen replacement bulbs for Marinco spotlights.



part no.	description
19012121	H3 replacement bulb, 12V, 100W
19012122	H3 replacement bulb, 24V, 100W



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ECCOEW3108F



ECCOEW3208F

ECCO® Utility Bars

ECCO's 5-Watt utility bars offer long, maintenance-free life expectancy, low amp draw, and extremely bright white light output. Each has a choice of two mounting options (tilting pedestal or tilting surface mount). Features include: 5-watt LEDs; flood, spot or combination beam patterns; aluminum heatsink housing; polycarbonate lens; IP67 rating.

part no.	size	rows	pattern	volts	raw lumens	warranty
ECCOEW3108F	8"	single	flood	12-24V DC	1100	3 year
ECCOEW3108S	8"		spot		1150	
ECCOEW3114	14"		combo		3350	
ECCOEW3124	24"		combo		5900	
ECCOEW3136	36"		combo		9250	
ECCOEW3149	49"		combo		12,600	
ECCOEW3208F	8"	double	flood		2150	
ECCOEW3208S	8"		spot		2450	
ECCOEW3214	14"		combo		6700	
ECCOEW3225	25"		combo		12,300	
ECCOEW3233	33"		combo		16,800	
ECCOEW3242	42"		combo		21,300	



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ECCO® Utility Bars

ECCO's 10-Watt Single Row utility bars offer long, maintenance-free life expectancy, low amp draw, and extremely bright white light output. Available in a range of available lengths (14", 25", 37"), each with a choice of two mounting options (tilting pedestal or tilting surface mount), these bars are an ideal choice for both commercial and recreational applications. Features include: 12-24V DC operation; 10-watt LEDs; flood, spot or combination beam patterns; aluminum housing; polycarbonate lens; IP67 rating and a three-year warranty.



ECCOEW3312F

part no.	size	pattern	volts	raw lumens	warranty
ECCOEW3312F	14"	flood	12-24V DC	3350	3 year
ECCOEW3312S	14"	spot		2350	
ECCOEW3324	25"	combo		8400	
ECCOEW3336	37"	combo		12,600	



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Fixed Sound - Back-up alarm produces a standard fixed audio beeping sound at the alarm's rated decibel level.

Switchable - Back-up alarm can be manually switched between the alarm's rated decibel level.

Smart Alarm - Back-up alarm automatically detects ambient sound and self-adjusts to produce 5 decibels louder up to stated decibel level.

Multi-Frequency - Emits sound at multiple frequencies attenuated above 400Hz so sound is perceived to dissipate quickly.



Back-Up Light with Alarm

This combination back-up light and back-up alarm eliminates the need for a separately installed back up alarm on your vehicle. The 9 piece, white LED bulb can replace P21W, 1156, 7506, 3497, 1073, 1141, 12498 and 12496 bulbs. The alarm is a 104 db beeping on/off piezo tone. Rated to 12V DC. Easy installation; use as a replacement bulb.

part no.	replacement bulb	dB
78685	P21W, 1156, 7506, 3497, 1073, 1141, 12498 and 12496	104



ECCO® Compact Surface Back-Up Alarm

ECCO's compact, surface-mount alarm provides a low-mount warning alarm specifically designed to offer a wide range of mounting options where space is limited. It is designed with rugged durability and is protected from vibration and moisture. ECCO's unique grill design meets the requirements of SAE J994 for high-pressure washing. Temperature range -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type	warranty
ECCO210	light-duty, compact fixed decibel	97	12V DC	SAE J994 TYPE C	2 year



9115

ECCO® Light-Duty Back-Up Alarms

ECCO's most compact and popular line of back-up alarms provides a cost-effective warning solution with ECCO quality and reliability. A glass-filled nylon housing with epoxy-encapsulated electronics provide exceptional durability and protection against moisture, dust and vibration. ECCO's Smart Alarm measures ambient noise and adjusts sound levels to create a volume that is safe without being annoying or contributing to noise pollution. Smart Alarms eliminate the need for constant manual adjustment and help prevent intentional alarm disconnection. These alarms feature a compact size and universal mounting bracket maximizes location options. The alarms are self-grounding and are sealed in epoxy for protection against dust, moisture and vibration. Temperature range: -40°C to 85°C (-40°F to 185°F). RU. CE.



9135

part no.	alarm type	dB	volts	SAE type	warranty
ECCO580	fixed decibel	87	12-80V DC	D	2 year
9115		97	12V DC	C	
ECCO520		97	12-24V DC	C	
ECCO585		97	12-48V DC	C	
ECCO530		102	12-24V DC	F	
ECCO505	adjustable decibel	87	12-24	D	
9135		77-97	12-48V DC	N/A	
ECCOSA950		82-102	12-24V DC	N/A	

▶ new product line extension



ECCOFH577

ECCO® Forward Horn Alarms

ECCO offers a variety of different warning alarms for both back-up and non-back-up applications including combination alarm & lights, dual function, dual tone and selectable volume alarms. ECCO's forward horns are specifically designed for use on SCR controlled electric vehicles or severe vibration IC vehicles.

part no.	description	dB	volts	SAE type
ECCODF532	medium-duty, fixed decibel	102	12-24V DC	F
ECCOFH575	medium-duty, forward horn, fixed decibel	107	12V DC	L
ECCOFH577	forward horn, fixed decibel	107	24-48V DC	N/A
ECCODT500	dual tone, fixed decibel	97	12-24V DC	N/A
ECCODT500FPLWC	dual tone, fixed decibel	102	12-24V DC	N/A



ECCO5200

ECCO® Multi-Frequency Alarm

The Multi-Frequency alarm operates by emitting sound at multiple frequencies attenuated above 4000Hz so that the sound is perceived to dissipate more quickly than a conventional pure-tone alarm. These alarms feature universal mounting bracket maximizes location options and a lead wire. The alarms are sealed in epoxy for protection against dust, moisture and vibration. Temperature range: -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type
ECCOEC5050	light-duty, multi-frequency	87	12-24V DC	D
ECCOEA6100	multi-frequency	97	12-24V DC	C
ECCOEA6110	multi-frequency	92	12-24V DC	C
ECCOEA9070	smart alarm, multi-frequency	87-107	12-24V DC	F
ECCOEA9724	smart alarm, multi-frequency	77-97	12-24V DC	F
ECCOEA9780	smart alarm, multi-frequency	77-97	36-80V DC	F



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ECCO575

ECCO® Light-Duty Back-Up Alarm

The glass-filled nylon housing provides rugged durability and the epoxy-encapsulated circuit board protects the electronics from vibration and moisture. ECCO's unique grill design meets the requirements of SAE J994 for high-pressure washing. The alarms are reverse polarity, voltage spike and surge protected and work on positive and negative ground systems. The alarms are AMECA certified to SAE J994, Type B., e. Temperature range: -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type
ECCO575	light-duty, fixed decibel	107	12-24V DC	B



ECCOSA931N

ECCO® Medium-Duty Alarm

SmartAlarm models measure ambient noise and adjust their sound level, creating a volume that is safe without being annoying or contributing to noise pollution. Smart Alarms eliminate the need for constant manual adjustment and help prevent intentional alarm disconnection. Reverse-mounted speaker enhances sound and protects the speaker from dust and moisture ingress. Reinforced nylon housing eliminates corrosion damage. Steam cleanable and pressure washable. Works on positive or negative ground systems. Temperature Range: -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	approval
ECCOSA901N	self-adjusting	82-107	12-24V DC	R10, UL, CE, IP64
ECCOSA931N	self-adjusting	82-102	12-48V DC	
ECCOSA980N	self-adjusting	82-102	36-80V DC	



ECCO450

ECCO® Grommet Mount Heavy-Duty Back-Up Alarms

The grommet mount back-up alarm helps reduce installation time by utilizing a standard 4.5" rear lighting grommet for mounting. It is epoxy sealed for protection against dust, moisture and vibration. CE, e. Temperature rating of -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type
ECCO450	fixed decibel	112	12-36V DC	A
ECCOSA940	self-adjusting decibel	87-112	12-24V DC	N/A



9145

ECCO® Heavy-Duty Back-Up Alarms

It is manufactured from heavy-duty, 22 gauge steel. It is sealed in epoxy to resist moisture, dust and vibration. The 9145 meets OEM design for heavy-duty construction applications and "crush" specifications. It is reverse polarity and voltage transient protected. Temperature rating of -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type
9145	fixed decibel	112	12-24V DC	A

ECCO® Demanding Application Back-Up Smart Alarm

Smart Alarms eliminate the need for constant manual adjustment and help prevent intentional alarm disconnection. Reverse-mounted speaker enhances sound and protects the speaker from dust and moisture ingress. Reinforced nylon housing eliminates corrosion damage. Sealed in epoxy for protection against dust, moisture and vibration. Steam cleanable and pressure washable. Temperature Range: -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type	approval
ECCO820N	switchable	87-107	12-36V DC	N/A	CE, e, UL
ECCO830N	fixed decibel	107	12-36V DC	B	CE, e, AMECA
ECCO840N	switchable	97-112	12-36V DC	N/A	CE, e
ECCO850N	fixed decibel	112	12-36V DC	A	CE, e, UL, AMECA
ECCOSA917N	switchable	87-112	12-24V DC	N/A	R10

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ECCO820N



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ECCO872N



ECCO777

ECCO® OEM Design Back-up Alarms

OEM back-up alarms are designed to meet all the harsh operational requirements of any fleet. All alarms are manufactured from glass-filled nylon. All are sealed in epoxy to protect sensitive electronics from dust, moisture and vibration. Temperature rating of -40°C to 85°C (-40°F to 185°F).

part no.	description	dB	volts	SAE type	approval	warranty
ECCO872N	OEM, switchable	97-112	12-36V DC	-	CE, e	2 year
ECCO876N	OEM, fixed decibel	112	12-36V DC	A	CE, e, AMECA	
ECCOSA914N	demanding application, self-adjusting	87-112	12-24V DC	F	R10	
ECCO777	heavy-duty switchable decibel	97-107-112	12-24V DC	A, B, C	CE, e, IP66	
ECCOSA920	heavy-duty self-adjusting decibel	97-112	12-24V DC	N/A	CE, R10, IP66	



ECCOSA115

ECCO® OEM Design Back-Up Alarms

ECCO's Smart Alarm models measure ambient noise and adjust their sound level, creating a volume that is safe without being annoying or contributing to noise pollution. Smart Alarms eliminate the need for constant manual adjustment and help prevent intentional alarm disconnection. The SA115 is designed to meet OEM specifications for the noisiest, most arduous, off-highway applications and feature ECCO's latest Smart Alarm microcontroller circuitry and a robust reinforced nylon housing. To optimize the alarm's performance, the microcontroller is equipped with an internal thermo-sensor that monitors and adjusts the alarm's frequency to compensate for changes in ambient temperature to keep the alarm's performance optimized, resulting in a much more consistent SPL output, compared to competing alarms. In addition, the SA115 is ECCO's highest output alarm with a volume range of 95-115 decibels, using a Neodymium (rare earth magnet) based driver that ensures reliable operation of the alarm at its peak volume. This self-adjusting alarm automatically adjusts to five decibels above the surrounding noise, ensuring OSHA compliance while keeping noise nuisance to a minimum. Advanced microcontroller electronics ensure consistent high output operation. Smart Alarm technology adjusts output to 5 dB above surrounding noise. Sealed in polyurethane for protection against dust, moisture and vibration. Temperature Range: -40°C to 85°C (-40°F to 185°F). Meets SAE J994 Type F standards and R10 and CE rated.

part no.	description	dB	volts	SAE type
ECCOSA115	OEM style, self-adjusting	95-115	12-24V DC	F



9125

ECCO® Back-Up Switches

Designed and manufactured for vehicles not equipped with back-up circuits. Item #9130 and ECCOSW30 have 360° of movement and are selectable to normally open or normally closed. Single pole, double throw (S.P.D.T.).

part no.	description	warranty
9125	light-duty back-up switch, 12 - 24V DC	1 year
9130	heavy-duty back-up switch 12-80V DC	
ECCOSW30	heavy-duty back-up switch, 12-80V DC	



ECCOK7000B

ECCO® 7 Inch LCD Color Camera Back-Up System Kit

A feature-packed 7.0" LCD high-resolution color monitor with internal controller and CMOS infrared color camera, the ECCOK7000B delivers excellent picture quality even in low-light conditions. Kit includes: 1 ECCOM7000B monitor, 1 ECCOC2013B camera, ECCOM7000B monitor: 7" LCD monitor, 12-24V, permanent mounting, FCC, CE, RoHS approved, 6.85" W x 4.49" H x 0.94" D. C2013B camera: 1/4" CMOS color NTSC 580H x 492V pixels, 120° diagonal lens angle, IP69K, FCC, CE, RoHS approved, 2.92" W x 3.01" H x 2.62" D. TC20-4B cable: 1.5 lbs, 20M or 65'.

part no.	description
ECCOK7000B	7" LCD color backup system kit
ECCOM7000B	7" monitor for ECCOK7000B system
ECCOC2013B	color camera for ECCOK7000B system



ECCOEC7003M

ECCO® 7.0 Inch LCD Color Camera System Kit

The 7" LCD high-resolution touchscreen color monitor included with this system provides the optimal viewing area for mobile CCTV applications. Excellent picture quality is assured even in low-light conditions using ECCO's CMOS color infrared camera. The flat, widescreen monitor allows unobtrusive mounting with a large, easily viewable screen area. Backup camera system expandable up to three cameras.

part no.	description
ECCOEC7003K	7.0" LCD color camera system kit (EC7003M, EC2014C, ECTC204)
ECCOEC7003M	7.0" monitor for EC7003-K system
ECCOEC2014C	color camera for EC systems
ECCOECTC204	65' camera transmission cable for EC2014-C and EC2013-B



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ECCOEC5603K

ECCO® 5.6 Inch LCD Color Camera System Kit

Comprising a feature-packed 5.6" LCD high-resolution touch screen color monitor and CMOS color infrared camera, the EC5603-K backup camera system delivers excellent picture quality even in low-light conditions. The compact monitor allows for unobtrusive installation without compromising viewable screen area. System is expandable up to 3 cameras. CE.

part no.	description
ECCOEC5603K	5.6" LCD color camera system kit (ECCOEC5603M, ECCOEC2014C, ECCOECTC204)
ECCOEC5603M	5.6" monitor for EC5603-K system
ECCOEC2014C	color camera for EC systems
ECCOECTC204	65' camera transmission cable for EC2014-C and EC2013-B



ECCOEC1000-WMK

ECCO® Wireless Modular System

The EC1000-WMK will convert ECCO EC5603-K and EC7003-K camera systems to wireless, dramatically decreasing installation complexity and expense. Ideal for new installations or for retro-fitting where image transmission cables have been damaged.

part no.	description
ECCOEC1000-WMK	wireless modular system for converting wired to wireless systems



ECCOEC5605-WK

ECCO® Back-Up Camera System

ECCO wireless camera system utilizes ECCO's unique monitor and camera design. Comprising a feature-packed 5.6" LCD high-resolution touch screen color monitor and CMOS color infrared camera, the EC5605-WK delivers excellent picture quality even in low-light conditions. The compact monitor allows for unobtrusive installation without compromising viewable screen area. System is expandable up to 4 cameras.

part no.	description
ECCOEC5605-WK	5.6" wireless backup camera system kit, monitor and camera
ECCOEC5605-WM	5.6" touch screen monitor for EC5605-WK system
ECCOEC2014-WC	color wireless camera, 11 infrared leds

Camera Transmission Cables

Replacement transmission cables for your ECCO® camera system. Offered in various lengths.



part no.	description
ECCOTC05	16' camera transmission cable, 4 pin
ECCOTC10	32' camera transmission cable, 4 pin
ECCOTC15	49' camera transmission cable, 4 pin

ECCO® Transmission Cables

Transmission cable with trailer 7 to 4 pin connector. To be used with monitors EC5603-M and EC7003-M, with camera EC2014-C.



ECCOECTT1001

part no.	description
ECCOECTT1001	32' camera transmission cable for EC5603-M, EC7003-M and EC2014-C
ECCOECTT2001	65' camera transmission cable for EC5603-M, EC7003-M and EC2014-C

Battery Cables



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▶NEW!



Group 31 Overmolded Battery Cable Assemblies

Minimize the formation of corrosion by reducing the amount of exposed connections along the assembly. Made with 2/0 PVC starter cable, fits up to 3/8" stud.

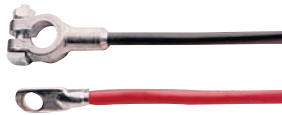
part no.	no. of batteries	color	length	stud size
104363	2	black	7"	3/8"
104365	3		14"	
104663	4		21"	

part no.	no. of batteries	color	length	stud size
104362	2	red	7"	3/8"
104364	3		14"	
104662	4		21"	

Stud Caps

part no.	color
104893	black

part no.	color
104892	red



Top Post Battery Cables

All cables meet or exceed OEM standards for durability, strength and heat resistance.

part no.	ga.	color	length	stud size
112705DL	6	black	12"	3/8"
120705DL			20"	
124705			24"	
138705			38"	
▶ 115405	4	black	15"	3/8"
▶ 120405DL			20"	
▶ 125405			25"	
▶ 132405			32"	
▶ 138405			38"	
▶ 143405			43"	
▶ 148405			48"	
▶ 153405			53"	
▶ 165405			65"	
▶ 172405DL			72"	

part no.	ga.	color	length	stud size
▶ 112605	6	black	12"	3/8"
▶ 120605			20"	
▶ 124605			24"	
▶ 138605			38"	
▶ 115505DL	4	red	15"	3/8"
▶ 120505			20"	
▶ 124505			25"	
▶ 132505			32"	
▶ 138505			38"	
▶ 143505			43"	
▶ 148505			48"	
▶ 153505			53"	
▶ 165505			65"	
▶ 172505			72"	

▶ new product line extension

▶NEW!



Top Post Battery Cables With Leads

Auxiliary leads are 4" long, 12 gauge wire.

part no.	ga.	color	length	stud size
115400	4	black	15"	3/8"
120400			20"	
125400			25"	
132400			32"	
138400			38"	
148400			48"	
120200	2	black	20"	3/8"
125200			25"	
138200			38"	
148200			48"	
165200			65"	

part no.	ga.	color	length	stud size
115500	4	red	15"	3/8"
120500			20"	
125500			25"	
132500			32"	
138500			38"	
148500			48"	
120300	2	red	20"	3/8"
125300			25"	
138300			38"	
148300			48"	
165300			65"	

▶NEW!



Side Terminal Battery Cables With Leads

Auxiliary leads are 4" long, 12 gauge wire.

part no.	ga.	color	length	stud size
125409	4	black	25"	3/8"
135409			35"	
145409			45"	
155409			55"	
165409			65"	

part no.	ga.	color	length	stud size
125509	4	red	25"	3/8"
135509			35"	
145509			45"	
155509			55"	
165509			65"	



Battery Cable Repair Splices

Replace only the damaged portion of a cable. Includes hex wrench & instructions. RoHS.



108867

part no.	type	single or dual	ga.
108868	side terminal	single	1
108867	top post	single	
108869	lug	single	4
108859	lug	dual	
108866	side terminal	single	
108863	side terminal	dual	

part no.	type	single or dual	ga.
108865	top post	single	4
108864	top post	dual	
104957	top post	single	2/0
104958	lug	single	
104963	overmolded	single	



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Switch-to-Starter Cables

Manufactured from battery cable that meets SAE J112 standards.

part no.	ga.	color	length	stud size
412605	6	black	12"	3/8"
420605			20"	
424605			24"	
▶ 424505	4		24"	
▶ 432505			32"	
▶ 440505			40"	
▶ 449505		49"		

▶ new product line extension

part no.	ga.	color	length	stud size
420405	4	red	20"	3/8"
424405			24"	
▶ 432405			32"	
▶ 440405			40"	
▶ 449405			49"	



Small Vehicle/Golf Cart Battery Cables

Manufactured from battery cable that meets SAE J112 standards.

part no.	ga.	color	length	stud size
309605	6	black	9"	5/16"
314605			14"	

part no.	ga.	color	length	stud size
▶ 309505	6	red	9"	5/16"
▶ 312505			12"	
▶ 320505			20"	

▶ new product line extension



Assembled Ground Straps

Manufactured with flat braided, tin-plated copper wire that is equivalent to a 4 gauge wire. Negative battery terminal and 3/8" lug are molded onto the strap for a complete cable. Lugs fit 5/16" studs.

part no.	type	ga.	length	stud size
▶ 29405	top post	4	9"	3/8"
▶ 211405			11"	
21445			14"	
▶ 216405			16"	
219405			19"	
▶ 224405			24"	
▶ 227405			27"	
▶ 209200			2	

▶ new product line extension

part no.	type	ga.	length	stud size
▶ 211200	top post	2	11"	3/8"
▶ 214200			14"	
▶ 216200			16"	
▶ 219200			19"	
▶ 224200			24"	
▶ 227200			27"	
▶ 208100	lug to lug	4	8"	
▶ 212100			12"	



Bulk Ground Strap

Manufactured from copper material with a tinned coating for added corrosion resistance. The flexible, flat cable is designed to fit into tight places, and its durability allows for use in a multitude of grounding applications. 30 AWG stranding. ASTM B33 compliance.

part no.	gauge	length/spool	strap width	strap thickness	lbs per spool
50442	4	25'	7/8"	3/32"	4
50401	4	100'	7/8"	3/32"	16
5040140	4	500'	7/8"	3/32"	95

All spool weights (lbs per spool) are approximate.



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Battery Cable – Type SGT

Battery cable is manufactured to SAE J-1127 specification. Rated to 60V DC. Please specify color with a 2-digit suffix; see special note box below.

Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

01 – red **05** – black

Example: when ordering a 25-ft spool of 6-Ga Battery Cable, **52162**, in red please order **5216201**.

part no.	ga.	length	lbs per spool/coil	spool dia.		
52162	6	25'	3	coil		
52142	4		4			
52122	2		6			
52112	1		8			
52102	1/0		10			
52002	2/0		12			
52302	3/0		15			
52402	4/0		20			
55161	6		100'		12	10½"
55141	4				17	10½"
55121	2	27		10½"		
55111	1	30		10½"		
55101	1/0	39		10½"		
55001	2/0	49		10½"		
55301	3/0	62		10½"		
55401	4/0	82		11½"		
55168	6	500'		58	11½"	
55148	4			83	15½"	
55128	2		127	17½"		

part no.	ga.	length	lbs per spool/coil	spool dia.
55118	1	500'	150	17½"
55108	1/0		198	24"
55008	2/0		236	19½"
55308	3/0		316	23½"
55408	4/0		421	23½"

specification guide

gauge	stranding	nominal O.D.
6	133/0.0137	0.310"
4	133/0.0171	0.375"
2	133/0.0218	0.438"
1	133/0.0243	0.480"
1/0	133/0.0275	0.525"
2/0	133/0.0309	0.575"
3/0	361/0.0210	0.661"
4/0	361/0.0239	0.726"

All spool weights (lbs per spool) are approximate.

suggested ampacity for battery cable

gauge	10-ft	20-ft	30-ft	40-ft	50-ft	60-ft	80-ft	100-ft
6	200	100	50	50	50	36	36–24	24–20
4		200–150	100	100	50	50	50	36
2			200–150	150	100	100	50	50
1				200	150	100	100	50
1/0					200	150	100	100
2/0						200	150	100
3/0							200	150
4/0								200



Battery Cable – Type SGX

Battery cable is manufactured to SAE J-1127 specification. Rated to 60V DC. RoHS. Please specify color with a 2-digit suffix; see special note box below.



Special Note

Please specify a color by applying a 2-digit suffix to the part number (corresponding to your color preference):

01 – red **05** – black

Example: when ordering a 25-ft spool of 6-Ga Battery Cable, **56162**, in red please order **5616201**.

part no.	ga.	length	lbs per spool/coil	spool dia.		
56162	6	25'	3	coil		
56142	4		4			
56122	2		6			
56112	1		8			
56102	1/0		10			
56002	2/0		12			
56302	3/0		16			
56402	4/0		19			
56161	6		100'		11	10 1/2"
56141	4				15	10 1/2"
56121	2	25		10 1/2"		
56111	1	31		10 1/2"		
56101	1/0	38		10 1/2"		
56001	2/0	46		10 1/2"		
56301	3/0	62		10 1/2"		
56401	4/0	76		11 1/2"		
56168	6	500'		54	12"	
56148	4			77	16"	
56128	2		124	16"		

part no.	ga.	length	lbs per spool/coil	spool dia.
56118	1	500'	124	16"
56108	1/0		189	16"
56008	2/0		229	18"
56308	3/0		311	24"
56408	4/0		379	24"

specification guide

gauge	stranding	nominal O.D.
6	7x19/.0137	0.310"
4	7x19/.0170	.0375"
2	7x19/.0218	0.438"
1	7x19/.0243	0.48"
1/0	19x54/.010	0.52"
2/0	19x66/.010	0.56"
3/0	19x85/.010	0.641"
4/0	19x108/.010	0.706"

All spool weights (lbs per spool) are approximate.

Battery Terminals

Copper Die Cast Battery Terminals

Terminals can be crimped or soldered. All size terminals can be crimped with crimping tool 990000. Includes 1/4" bolts. Rated up to 48V DC.



Straight Barrel

part no.	cable size	polarity
909105	6 ga	pos. & neg.
909115	4 ga	pos. & neg.
909125	2-1 ga	positive
909135	2-1 ga	negative
909145	1/0 ga	positive
909155	1/0 ga	negative
909165	2/0 ga	positive
909175	2/0 ga	negative
909185	3/0 ga	positive
909195	3/0 ga	negative
909485	4/0 ga	positive
909495	4/0 ga	negative



Parallel (Flag)

part no.	cable size	polarity
909205	1/0 ga	positive
909215	1/0 ga	negative
909225	2/0 ga	positive
909235	2/0 ga	negative



Elbow

part no.	cable size	polarity	direction
909425	1/0 ga	positive	left
909435	1/0 ga	negative	
909445	2/0 ga	positive	
909455	2/0 ga	negative	
909325	1/0 ga	positive	right
909335	1/0 ga	negative	
909345	2/0 ga	positive	
909355	2/0 ga	negative	



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Compression Nut Battery Terminals

Install using ordinary hand tools, simply strip the cable, slip on the included compression nut and tighten. No crimper required. Compression nut and hardware included.



Straight Barrel

part no.	cable size	polarity
92940206	6 ga	negative
92940106	6 ga	positive
92940306	6 ga	pos. & neg.
92940204	4 ga	negative
92940104	4 ga	positive
92940304	4 ga	pos. & neg.
92940221	2 ga	negative
92940121	2 ga	positive
92940321	2 ga	pos. & neg.
92940210	1/0 ga	negative
92940110	1/0 ga	positive
92940310	1/0 ga	pos. & neg.
92940220	2/0 ga	negative
92940120	2/0 ga	positive
92940320	2/0 ga	pos. & neg.
92940230	3/0 ga	negative
92940130	3/0 ga	positive
92940330	3/0 ga	pos. & neg.
92940140	4/0 ga	negative
92940240	4/0 ga	positive
92940340	4/0 ga	pos. & neg.



Parallel (Flag)

part no.	cable size	polarity
92941202	2 ga	negative
92941102	2 ga	positive
92941210	1/0 ga	negative
92941110	1/0 ga	positive
92941220	2/0 ga	negative
92941120	2/0 ga	positive



Elbow

part no.	cable size	polarity	direction
92944210	1/0 ga	negative	left
92944110	1/0 ga	positive	
92944220	2/0 ga	negative	
92944120	2/0 ga	positive	right
92945210	1/0 ga	negative	
92945110	1/0 ga	positive	
92945220	2/0 ga	negative	
92945120	2/0 ga	positive	



Extra Compression Nuts

part no.	cable size	color
92940306	6 ga	grey
92940304	4 ga	grey
92940321	2 ga	green
92940310	1/0 ga	black
92940140	2/0 Ga	orange
92940240	3/0 Ga	purple
92940340	4/0 Ga	yellow

Pure Copper RoHS Battery Terminals

Environmentally friendly, 100% copper battery terminals. Manufactured with C11000 ETP copper and completely lead free and RoHS Compliant, making them exempt from CA Proposition 65 Requirements. Tin plated for corrosion resistance and color and die coded for crimp settings as well as polarity. Exceed SAE Standard J-1811, and provide the highest conductivity rating compared with any competing copper design. Chamfered barrels allow for easy cable insertion. Supplied with installed tin plated nuts & bolts.



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Straight Barrel

part no.	cable size	polarity
918120	6 ga	negative
918121	6 ga	positive
918123	4 ga	negative
918124	4 ga	positive
918128	4 ga	pos. & neg.
918143	1-2 ga	negative
918144	1-2 ga	positive
918163	1/0 ga	negative
918164	1/0 ga	positive
918173	2/0 ga	negative
918174	2/0 ga	positive
918183	3/0 ga	negative
918184	3/0 ga	positive
918193	4/0 ga	negative
918194	4/0 ga	positive



Parallel (Flag)

part no.	cable size	polarity
918463	1/0 ga	negative
918464	1/0 ga	positive
918473	2/0 ga	negative
918474	2/0 ga	positive
918483	3/0 ga	negative
918484	3/0 ga	positive
918493	4/0 ga	negative
918494	4/0 ga	positive



Elbow

part no.	cable size	polarity	direction	
918363	1/0 ga	negative	left	
918364	1/0 ga	positive		
918373	2/0 ga	negative		
918374	2/0 ga	positive		
918383	3/0 ga	negative		
918384	3/0 ga	positive		
918393	4/0 ga	negative		
918394	4/0 ga	positive		
918263	1/0 ga	negative		right
918264	1/0 ga	positive		
918273	2/0 ga	negative		
918274	2/0 ga	positive		
918283	3/0 ga	negative		
918284	3/0 ga	positive		
918293	4/0 ga	negative		
918294	4/0 ga	positive		

FUSION® Battery Terminals

Fusion® battery terminals provide consistent quality, faster installation, less confusion and an overall reduced cost of installation process. Fusion® terminals and lugs come loaded with pre-measured flux and solder in a tin plated copper connector. Simply clamp connector into a vise, strip cable to expose 7/8" of wire, heat and insert, then cool to solidify.



Straight Barrel

part no.	cable size	polarity
91940164	6 & 4 ga	positive
91940121	2 & 1 ga	
91940110	1/0 ga	
91940120	2/0 ga	
91940130	3/0 ga	
91940140	4/0 ga	negative
91940264	6 & 4 ga	
91940221	2 & 1 ga	
91940210	1/0 ga	
91940220	2/0 ga	
91940230	3/0 ga	
91940240	4/0 ga	



Parallel (Flag)

part no.	cable size	polarity
91941121	2 & 1 ga	positive
91941110	1/0 ga	
91941120	2/0 ga	
91941130	3/0 ga	
91941140	4/0 ga	
91941221	2 & 1 ga	negative
91941210	1/0 ga	
91941220	2/0 ga	
91941230	3/0 ga	
91941240	4/0 ga	



Elbow

part no.	cable size	polarity	direction	
91944121	2 & 1 ga	positive	left	
91944110	1/0 ga			
91944120	2/0 ga			
91944130	3/0 ga			
91944140	4/0 ga			
91944221	2 & 1 ga	negative		right
91944210	1/0 ga			
91944220	2/0 ga			
91944230	3/0 ga			
91944240	4/0 ga			
91945121	2 & 1 ga	positive	right	
91945110	1/0 ga			
91945120	2/0 ga			
91945130	3/0 ga			
91945140	4/0 ga			
91945221	2 & 1 ga	negative		right
91945210	1/0 ga			
91945220	2/0 ga			
91945230	3/0 ga			
91945240	4/0 ga			

Brass Battery Terminals

Brass construction provides corrosion protection and low resistance connections. 1½" bolts and nuts shipped as loose pieces.



Straight Barrel

part no.	cable size	type
906115	6-4 ga	pos. & neg. lead plated
906095	2-1 ga	pos. & neg. lead plated
906085	1/0 ga	pos. & neg. lead plated
906105	2/0-3/0 ga	pos. & neg. lead plated



Split Barrel

part no.	cable size	type
906055DL	1-1/0 ga	pos. & neg. lead plated
906705	2/0-3/0 ga	positive lead plated
906715	2/0-3/0 ga	negative lead plated



Wingnut

part no.	wing stud size	type
901275	¾"	pos. & neg. lead plated
901285	⅝"	pos. & neg. lead plated



Solderless

part no.	cable size	type
901035	6-1 ga	pos. & neg. tin plated



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Lead Battery Terminals

Manufactured with a lead alloy composed of antimony that ensures the terminal will have the tensile strength and hardness to meet today's heavy electrical demand. Terminals are 25-50% more dense than competitive product. Bolts (½") and nuts included. Rated up to 48V DC.



Top Post

part no.	cable size	type
908885	6-1 ga	pos. & neg.



Heavy-Duty Top Post

part no.	cable size	type
901065	2-4/0 ga	pos. & neg.



3-Way Top Post

part no.	cable size	type
901045	6-1 ga	positive



Ordinance Bolt Type

part no.	stud size	type
901075	⅜"	positive
901085	⅜"	negative



Lead-Free OEM Style Battery Terminals

Zinc-plated copper alloy. Ribbed barrel for added wire gripping. Rated up to 48V DC. Crimp with 990003.

part no.	cable size	type
909065	6-4 ga	positive
909075	6-4 ga	negative
909085	2-1 ga	positive
909095	2-1 ga	negative

MARINCO



Battery Direct Connect

Terminate up to four electronic instruments on each set of terminals. Complete with two 14-16 gauge and two 12-10 gauge quick connect terminals.

part no.	description
901055	battery direct connect

Battery Lugs



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Standard Bare Copper Lugs

Perfect for large gauge applications for power draw or grounding, and can be crimped or soldered. Amp ratings are suggested and are dependent on length of run of wire. Rated up to 48V DC. UL.

part no.	stud	amp	cable size
906515	1/4"	70	6/4 ga
906525		90	2 ga
906535		125	1 ga
906545		150	1/0 ga
906555		175	2/0 ga
906615	5/16"	70	6/4 ga
906625		90	2 ga
906635		125	1 ga
906645		150	1/0 ga
906655		175	2/0 ga
906665		225	3/0 ga
906675		225	4/0 ga

min. 5 pcs.

part no.	stud	amp	cable size
906815	3/8"	70	6/4 ga
906825		90	2 ga
906835		125	1 ga
906845		150	1/0 ga
906855		175	2/0 ga
906865	1/2"	225	3/0 ga
906875		225	4/0 ga
907825		90	2 ga
907835		125	1 ga
907845		150	1/0 ga
907855		175	2/0 ga
907865		225	3/0 ga
907875	225	4/0 ga	

Tin Plated Copper Lugs

Reduce corrosion caused by harsh environments. They can be installed by crimping or soldering. Rated up to 600V. UL.



part no.	stud	amp	cable size
916505	1/4"	40	6 ga
916515		70	4 ga
916525		90	2 ga
916535		125	1 ga
916545		150	1/0 ga
916555	5/16"	175	2/0 ga
916605		40	6 ga
916615		70	4 ga
916625		90	2 ga
916635		125	1 ga
916645		150	1/0 ga
916655		175	2/0 ga
916665	225	3/0 ga	
916675	225	4/0 ga	

min. 5 pcs.

part no.	stud	amp	cable size
916805	3/8"	40	6 ga
916815		70	4 ga
916825		90	2 ga
916835		125	1 ga
916845		150	1/0 ga
916855	1/2"	175	2/0 ga
916865		225	3/0 ga
916875		225	4/0 ga
918815		70	4 ga
918825		90	2 ga
918835		125	1 ga
918845		150	1/0 ga
918855	175	2/0 ga	
918865	225	3/0 ga	
918875	225	4/0 ga	



45° Tin Plated Copper Lugs

part no.	stud	amp	cable size
928605	1/4"	40	6 ga
928615		70	4 ga
928625		90	2 ga
928635		125	1 ga
928645		150	1/0 ga
928655		175	2/0 ga
928665		225	3/0 ga
928675		225	4/0 ga

min. 5 pcs.

part no.	stud	amp	cable size
928805	3/8"	40	6 ga
928815		70	4 ga
928825		90	2 ga
928835		125	1 ga
928845		150	1/0 ga
928855		175	2/0 ga
928865		225	3/0 ga
928875		225	4/0 ga



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90° Tin Plated Copper Lugs

part no.	stud	amp	cable size
929605	5/16"	40	6 ga
929615		70	4 ga
929625		90	2 ga
929635		125	1 ga
929645		150	1/0 ga
929655		175	2/0 ga
929665		225	3/0 ga
929675		225	4/0 ga

min. 5 pcs.

part no.	stud	amp	cable size
929805	3/8"	40	6 ga
929815		70	4 ga
929825		90	2 ga
929835		125	1 ga
929845		150	1/0 ga
929855		175	2/0 ga
929865		225	3/0 ga
929870		225	4/0 ga



45° Standard Bare Copper Lugs

part no.	stud	amp	cable size
926605	5/16"	40	6 ga
926615		70	4 ga
926625		90	2 ga
926635		125	1 ga
926645		150	1/0 ga
926655		175	2/0 ga
926665		225	3/0 ga
926675		225	4/0 ga

min. 5 pcs.

part no.	stud	amp	cable size
926805	3/8"	40	6 ga
926815		70	4 ga
926825		90	2 ga
926835		125	1 ga
926845		150	1/0 ga
926855		175	2/0 ga
926865		225	3/0 ga
926875		225	4/0 ga



90° Standard Bare Copper Lugs

part no.	stud	amp	cable size
927605	5/16"	40	6 ga
927615		70	4 ga
927625		90	2 ga
927635		125	1 ga
927645		150	1/0 ga
927655		175	2/0 ga
927665		225	3/0 ga
927675		225	4/0 ga

min. 5 pcs.

part no.	stud	amp	cable size
927805	3/8"	40	6 ga
927815		70	4 ga
927825		90	2 ga
927835		125	1 ga
927845		150	1/0 ga
927855		175	2/0 ga
927865		225	3/0 ga
927875		225	4/0 ga



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FUSION® Copper Lugs – Standard

Pre-measured and loaded with correctly metered flux and solder in a tin plated copper connector. Clamp connector into a vise, strip cable to expose 7/8" of wire, heat, insert, then cool to solidify. Heat shrink recommended to provide additional corrosion resistance.

part no.	stud	cable size	part no.	stud	cable size
91912114	1/4"	2 & 1 ga	91912138	3/8"	2 & 1 ga
91911014		1/0 ga	91911038		1/0 ga
91912014		2/0 ga	91912038		2/0 ga
91913014		3/0 ga	91913038		3/0 ga
91914014		4/0 ga	91914038		4/0 ga
91912156	5/16"	2 & 1 ga	91912112	1/2"	2 & 1 ga
91911056		1/0 ga	91911012		1/0 ga
91912056		2/0 ga	91912012		2/0 ga
91913056		3/0 ga	91913012		3/0 ga
91914056		4/0 ga	91914012		4/0 ga

Heavy-duty Copper Lugs

Crimp with 990000 (4–4/0 gauge), refer to page 270. Length: 2 3/16". Rated to 600V AC.



part no.	stud	cable size	color code	part no.	stud	cable size	color code
907315	5/16"	4 ga	gray	907465	3/8"	3/0 ga	purple
907325		2 ga	green	907475		4/0 ga	yellow
907335		1 ga	pink	907535	1/2"	1 ga	pink
907415	3/8"	4 ga	gray	907545		1/0 ga	black
907425		2 ga	green	907555		2/0 ga	orange
907435		1 ga	pink	907565		3/0 ga	purple
907445		1/0 ga	black	907575		4/0 ga	yellow
907455	2/0 ga	orange					



Compression Nut Heavy Wall Lugs

Install using ordinary hand tools, strip the cable, slip on the included compression nut and tighten. No crimper required. Compression nut included.



part no.	stud	cable size	part no.	stud	cable size
92920638	3/8"	6 ga	92920612	1/2"	6 ga
92920438		4 ga	92920412		4 ga
92922138		2 & 1 ga	92922112		2 & 1 ga
92921038		1/0 ga	92921012		1/0 ga
92922038		2/0 ga	92922012		2/0 ga
92923038		3/0 ga	92923012		3/0 ga
92924038		4/0 ga	92924012		4/0 ga



Extra Compression Nuts



part no.	cable size	color code	part no.	cable size	color code
92940306	6 ga	grey	92940140	2/0 Ga	orange
92940304	4 ga	grey	92940240	3/0 Ga	purple
92940321	2 ga	green	92940340	4/0 Ga	yellow
92940310	1/0 ga	black			



FUSION® Copper Lugs– Heavy Wall

Pre-measured and loaded with correctly metered flux and solder in a tin plated copper connector. Simply clamp connector into a vise, strip cable to expose 7/8" of wire, heat and insert, then cool to solidify. Heat shrink recommended to provide additional corrosion resistance.

part no.	stud	cable size	part no.	stud	cable size
91926438	3/8"	6 & 4 ga	91926412	1/2"	6 & 4 ga
91922138		2 & 1 ga	91922112		2 & 1 ga
91921038		1/0 ga	91921012		1/0 ga
91922038		2/0 ga	91922012		2/0 ga
91923038		3/0 ga	91923012		3/0 ga
91924038		4/0 ga	91924012		4/0 ga



Anti-Rotational Copper Crimp Lugs

Designed for top post and side mount batteries. Stackable for multiple battery hook-ups. Stacked terminals can lock at 24 different positions for easier cable routing. 36 "teeth" bite into the metal so the terminal will not rotate. Terminals of different gauge sizes will easily stack and lock to each other. Lugs crimp with 990000 (all sizes) or 990005 crimping tools.

part no.	stud	cable size	color code	part no.	stud	cable size	color code
919005	3/8"	6 ga	gray	919045	3/8"	1/0 ga	black
919015		4 ga	gray	919055		2/0 ga	orange
919025		2 ga	green	919065		3/0 ga	purple

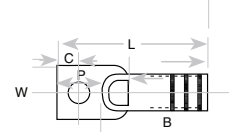


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Copper Compression Lugs

Sized for class B&C AWG cable. To accommodate FLEX wire, increase lug size to next larger size. Use 990000 and 990005 crimp tools. Rated up to 600V AC. UL, CSA and RoHS.



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part no.	cable size	FLEX	stud size	color code	barrel I.D.	dimensions in inches				
						W	L	C	P	B
917615	8	8	1/4"	red	.179	.486	1.375	.320	.680	.500
917635	6	—	1/4"	blue	.203	.411	1.375	.320	.680	.500
917645	6	—	5/16"	blue	.203	.532	1.570	.352	.875	.500
917655	6	—	3/8"	blue	.203	.593	1.570	.414	.875	.500
917675	4	6	1/4"	gray	.250	.486	1.414	.320	.680	.500
917685	4	6	5/16"	gray	.250	.486	1.609	.352	.875	.500
917695	4	6	3/8"	gray	.250	.593	1.609	.414	.875	.500
917705	2	—	1/4"	brown	.312	.599	1.591	.320	.680	.625
917715	2	—	5/16"	brown	.312	.599	1.786	.352	.875	.625
917725	2	—	3/8"	brown	.312	.599	1.786	.414	.875	.625
917735	1	2	1/4"	green	.359	.673	1.830	.320	.875	.625
917745	1	2	5/16"	green	.359	.673	1.830	.352	.875	.625
917755	1	2	3/8"	green	.359	.673	1.830	.414	.875	.625
917765	1/0	1	1/4"	pink	.390	.738	1.981	.320	.875	.750
917775	1/0	1	5/16"	pink	.390	.738	1.981	.352	.875	.750
917785	1/0	1	3/8"	pink	.390	.738	1.981	.414	.875	.750
917805	2/0	1/0	1/4"	black	.437	.811	2.021	.320	.875	.750
917825	2/0	1/0	3/8"	black	.437	.811	2.021	.414	.875	.750
917835	2/0	1/0	1/2"	black	.437	.811	2.396	.546	1.250	.750
917855	3/0	2/0	1/4"	orange	.484	.885	2.064	.320	.875	.750
917860	3/0	2/0	3/8"	orange	.484	.885	2.064	.414	.875	.750
917865	3/0	2/0	1/2"	orange	.484	.885	2.439	.546	1.250	.750
917905	4/0	3/0	3/8"	purple	.547	0.999	2.241	.414	.875	.875
917915	4/0	3/0	1/2"	purple	.547	0.999	2.616	.546	1.250	.875



Heavy Die Cast Copper Crimp Lugs

Cast copper alloy provides a thicker and stronger connection. Ideal for large volume users. Lugs crimp with 990000. UL.

part no.	stud	cable size	color code	part no.	stud	cable size	color code
909705	3/8"	6 ga	gray	909815	1/2"	4 ga	gray
909715		4 ga	gray	909825		2 ga	green
909725		2 ga	green	909835		1 ga	pink
909735		1 ga	pink	909845		1/0 ga	black
909745		1/0 ga	black	909855		2/0 ga	orange
909755		2/0 ga	orange	909865		3/0 ga	purple
909765		3/0 ga	purple	909875		4/0 ga	yellow
909775		4/0 ga	yellow				

Battery Butt Connectors



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Anti-Rotational Copper In-Line Terminals

100% cast copper alloy in-line terminal. Machine finished. Use 990000 crimp tool to terminate.

part no.	stud	cable size	color code
909035	3/8"	1/0 ga	black
909045		2/0 ga	orange
909055		3/0 ga	purple

Butt Connectors

Use for standard cable crimp connectors. Manufactured from copper alloy with tin plating. Use crimp tool 990000 for a secure mechanical crimp.



part no.	gauge	style	stock	pkg qty
224005	8	brazed barrel	.050	25
225005	6	brazed barrel	.050	25
226005	4	brazed barrel	.075	25
227005	2	solid barrel	.075	10
211005	1	solid barrel	.030	10
212005	1/0	solid barrel	.030	10
213005	2/0	solid barrel	.038	10
214005	3/0	solid barrel	.050	10

FUSION® Butt Splices

Pre-measured and loaded with correctly metered flux and solder in a tin plated copper connector. Simply clamp connector into a vise, strip cable to expose 7/8" of wire, heat and insert, then cool to solidify. Heat shrink recommended to provide additional corrosion resistance.



part no.	cable size
91910100	1/0 ga
91910200	2/0 ga
91910300	3/0 ga
91910400	4/0 ga



Copper Compression Lugs

Tin-plated with a wire stop to ensure proper cable insertion. Color coded for home building to visually designate correct cable size. Sized for class B&C AWG cable. To accommodate FLEX wire, increase lug size to next larger size. Use 990000 and 990005 tools to crimp. Rated up to 600V AC. UL, CSA and RoHS rated.

part no.	cable size	FLEX	color code	barrel I.D.	length
237105	8	8	red	.179	1.125
237205	6	—	blue	.203	1.750
237305	4	6	gray	.250	1.750
237405	2	—	brown	.312	1.875
237505	1	2	green	.359	1.875
237060	1/0	1	pink	.390	1.875
237070	2/0	1/0	black	.437	2.000
237080	3/0	2/0	orange	.484	2.125
237090	4/0	3/0	purple	.547	2.125



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990011



990010

Battery Terminal and Post Brush

Removes corrosion from posts and terminals. The top post brush cleans both the battery connection post and terminal. The side post cleaner is designed to clean the battery connection and has a molded housing that can be installed onto a ¼" ratchet head.

part no.	description
990010	top post battery brush
990011	side terminal cleaner brush



Battery Carrier

Lift group 65 batteries from 4½" to 7½". The steel handle and adjustable arm have rubber pads riveted and glued to each end to provide superior grip. The carrier features a non-slip vinyl hand grip and can carry up to 13 lbs.

part no.	description
9900420	side grip battery carrier tool



9900433



9900431

Battery Fillers

Perfect for filling batteries, the compact bulb filler holds 6 ounces and is 9 inches long. The container holds up to 2¼ quarts and features an automatic shut off and double action valve tip that prevents "after" drips.

part no.	description	size
9900433	bulb type battery filler	6 oz
9900431	battery fill container	2.125 quart



603



604



605



909685

Battery Bolts and Nuts

Replace your worn-out bolts or stud connection points with these zinc-plated styles. They provide a strong and secure installation point for your next installation job. Use 605DL to extend positive post to provide additional power hook-ups. Rated up to 48V DC.

part no.	description	size
603DL	shoulder head nut	⅝" x #18 x 1½"
604DL	side terminal bolt	⅝" x #16 x 1"
605DL	side terminal accessory power connection	⅝" x #16 x 1"
909685	battery terminal fastener for ⅝" - 16NPT stud type mount batteries	⅝" x #16 x 1"



Battery Terminal Solder Slugs

A fast and economical method for attaching a battery terminal to a cable. Rough sealed connection for optimum performance. Slugs are color-coded for gauge to industry standards.

part no.	slug size	color
900975	6 ga	gray
900905	4 ga	gray
900915	2 ga	green
900925	1 ga	pink

part no.	slug size	color
900935	1/0 ga	black
900945	2/0 ga	orange
900955	3/0 ga	purple
900965	4/0 ga	yellow

Liquid Flux

Flux removes oxidation in copper and solder. Use one drop of liquid flux on the stripped copper wire to assist in your connection. Large cable sizes will require a few additional drops.



part no.	description
8920	liquid flux, 2 oz no clean

Solder Bar

This bar is ideal for larger soldering projects.

part no.	tin/lead	weight (lb.)	length
8915	60/40	1	12"

"44" Rosin Core Solder

Offers excellent wetting action and the flux is completely non-corrosive. Flux is electrically non-conductive. Excellent for electrical/electronic work. Qualified products listed under specification QQ-S-571 Type Wrap.



part no.	tin/lead	weight	diameter	ga.
8900	60/40	1lb	.025"	25
8901	60/40	1	.031"	21
8902	60/40	1	.062"	16
8903	63/37	1	.031"	21

part no.	tin/lead	weight	diameter	ga.
8904	63/37	1	.062"	16
8905	60/40	1	.093"	13
8906	40/60	1	.093"	13



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Insulators

Battery terminal insulators provide added protection against corrosion and harmful chemicals on battery and alternator cables. They provide improved appearance and prolonged cable life. RoHS.



Straight Insulators

part no.	gauge	color
901645	8-6	red
901655	8-6	black
901715	1/0	red
901725	1/0	black
901735	2/0	red
901745	2/0	black



Marine Insulators

part no.	gauge	color
901555	6	red
901565	6	black
901575	3/0	red
901585	3/0	black



3/8" Stud Terminal Insulators

part no.	gauge	color
901915	2-2/0	red
901925	2-2/0	black
901935	2/0-3/0	red
901945	2/0-3/0	black



Testing Clip Insulators

part no.	amp	color
148001	25 amp	red
148005	25 amp	black



Alligator Clip Insulators

part no.	color
145501	red
145505	black

Booster Cables

Manufactured from extremely flexible bonded cable and will remain flexible in most extreme climates. The cable clamps are color-coded for easy identification and work with top and side post terminals.



5369DL



5372

part no.	length (ft)	gauge	insul. color	clamp (amps)	package
5367	12	4	white/black	400	retail box
5368	16	4	white/black	400	retail box
5369DL	20	4	white/black	400	retail box
5372*	16	4	white/black	500	retail box
5378DL*	20	2	red/black	500	retail box

* Parrot style clamp



Extreme Temperature Booster Cable

Made with Arctic Superflex Blue® cable for unmatched performance and durability. Proven in the most extreme environments and in sub-zero weather, staying flexible in temperatures of -55°C to 105°C (-67°F to 221°F).



5382



5388



5390

Clamp to Clamp

part no.	length (ft)	gauge	insul. Color	clamp (amps)	package
5380	16	4	blue/red	400	storage bag
5382	20	4	blue/red	400	storage bag
5384	25	1/0	blue/red	800	storage bag

Harness to Clamp

part no.	length (ft)	gauge	insul. Color	clamp (amps)	package
5386	16	4	blue/red	400	storage bag
5388	25	1/0	blue/red	800	storage bag

Harness End

part no.	length (ft)	gauge	insul. Color	clamp (amps)	package
5390	4	4	black/red	175	-
5392	4	1/0	black/red	350	-



Dual Power Cable Links™

Mechanical keys molded into connectors of the same color only will mate. Different color housings may be selected to identify other voltages, thus preventing the mismatching of the power supply to the electrical output. The single piece housing and modular construction provide industrial quality and durability with minimum inventory. Spring-loaded, silver plated, contoured contacts have a self-wiping cleaning action which ensures greater conductivity and longer life. Housing does not include connector; pieces are sold separately. UR and CSA.

INFORMATION

Two (2) housings (same color) and four (4) contacts required for complete connection.



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50 Amp Housing

part no.	description	housing color
5632	housing with spring	black
5633	housing with spring	gray
5634	housing with spring	red
905050	insulator	red

50 Amp Connector

part no.	wire size
5614	10/12 ga
5615	8 ga
5613DL	6 ga

175 Amp Housing

part no.	description	housing color
5635	housing with spring	gray
5636	housing with spring	blue
5637	housing with spring	yellow
5638	housing with spring	red
905175	insulator	red

175 Amp Connector

part no.	wire size
5628	4 ga
5627	2 ga
5626	1/0 ga

350 Amp Housing

part no.	description	housing color
5639	housing with spring	gray
5640	housing with spring	blue
5641	housing with spring	red
5642	housing with spring	yellow
905350	insulator	red

350 Amp Connector

part no.	wire size
5643	2/0 ga
5644	3/0 ga
5645	4/0 ga

ASSEMBLY INSTRUCTIONS

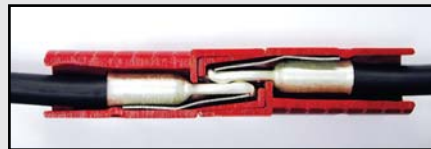


TABLE A

connector series	wire strip length (in)
50	9/16"
175	1 1/8"
350	1 3/8"

Two Dual Power Cable Links™ with single-piece housings. For all models: 50, 175 and 350 amps.

For installation in accordance with national and local electrical codes.

Assemble contacts to the cables according to the equipment manufacturer's assembly instructions. The following instructions are supplied as a reference.

1. Strip cable to dimensions in Table A.
2. Crimp or solder connector to cable. Note: Soldering recommended for cables with solid or minimal conductor stranding (ex. THHN type wire).
3. Observing proper polarity, place connector in housing with notched side of tongue next to spring.
4. Push connector and cable into housing until connector tang snaps over end of spring; tug slightly to make sure connector is locked into place.



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Heavy Spring 500 Amp Battery Clamp – Parrot Type

Zinc plated steel, PE coated handle battery cable clamps are ideal for replacement of a worn or damaged clamp on your battery booster cables, or they can be used to create your own battery booster cables. Cable installs with attached bolt and open barrel terminal and is rated up to 500 amps.

part no.	description	packaged
142501	red handled battery clamp	bulk
142505	black handled battery clamp	bulk
1426	battery cable clamps	2/bag



Standard Spring 500 Amp Battery Clamp – EZ Reach Type

Copper coated steel, PVC coated handle battery cable clamps are ideal for replacement of a worn or damaged clamp on your battery booster cables, or they can be used to create your own battery booster cables. Cable installs directly to the open barrel terminal clamp head and is rated up to 500 amps.

part no.	description	packaged
1523	vinyl coated battery clamps	2/bag



Pigmy Clips

Copper plated, PVC insulated handle battery clips are ideal for replacement of a worn or damaged clamp on your tester or battery charger. Wire installs into open barrel type handle and is covered by the insulator. Each clamp is 3" long with a 1 1/8" jaw spread and is rated up to 50 amps.

part no.	description	packaged
144501	red, pigmy clip	bulk
144505	black, pigmy clip	bulk
1443	red & black pigmy clips	2/bag



Alligator Clips

1 15/16" long with a 1/2" jaw spread and can be used with insulators. Each is rated up to 10 amps. Fits up to 8 ga. wire.

part no.	description	packaged
1465	alligator clip	bulk
1463	alligator clips	2/bag
145501	red, insulator	bulk
145505	black, insulator	bulk



Testing Clips

Designed specifically for battery and testing equipment applications in various sizes and ratings from 10 to 50 amps.

part no.	description	style	amp
1475	2" long, 7/16" jaw spread	universal	10
148511	2 27/32" long, 3/4" jaw spread	positive	25
148515	2 27/32" long, 3/4" jaw spread	negative	25
149511	4" long, 1" jaw spread	positive	50
149515	4" long, 1" jaw spread	negative	50

Battery Box and Relocation Kit

Relocate your custom or collector car battery from the engine compartment to the trunk or rear area of the vehicle. The UV protected battery box is a universal size, fitting most traditional battery group sizes and types. Kit comes with a 30' positive (red) and a 3' negative (black) 2 gauge battery cable with top post connector, a plastic battery box that is adjustable for multiple battery group sizes, and mounting hardware. Box meets US Coast Guard regulations 183, 420, & ABYCE 10.7.

part no.	description
9900437	battery box relocation kit
9900439	battery box





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ProMariner™ Cupholder Power Inverter



Convert 12V DC battery power to 110V AC up to 150 Watts. From the cupholder of your boat, car, RV, or camper, the ProSport Cupholder Inverter provides instant AC power for laptops, mobile phone chargers, game consoles, portable TVs & DVD players, radios, lighting, small power tools and more. Features high surge capacity, output short & input polarity protection, over temperature protection, and overload protection. Standard 110V AC receptacle and 3-ft cable.

part no.	description
979018	cupholder inverter, 12V DC to 110V AC

Picture may vary from actual product. Visit delcity.net



Battery Jump Pack

Fits into small storage areas and is ready at the flip of a switch. The built-in flashlight helps illuminate dark work areas and the 22 inch, 8 gauge flexible cables can reach most batteries under the hood. A 12V DC power outlet allows for emergency charging or power supply of the 7 amp hour battery. The LED battery status indicator provides a quick visual on power status of the jump pack.

part no.	description
992000	battery jump pack

Picture may vary from actual product. Visit delcity.net



Battery Booster Rescue Pack™ With Inverter and Compressor

Designed with many standard features to provide "safe jumpstarting." Each unit offers 55" cables, heavy-duty clamps with LED lights to illuminate dark areas, 12V receptacle outlet, an internal battery status gauge, and a two function lamp for work area illumination or emergency indication. Rated for up to 400/900 cranking amps and has an added air compressor with air gauge, a 120V power inverter and a USB outlet to recharge your computer or MP3 player.

part no.	description
991060	battery jump pack

ProMariner™ ProSport Onboard Battery Chargers



943006

Incorporate all-digital microprocessor control. Automatic installation feedback with its exclusive "System Check OK" and individual "Battery Bank Trouble" LED indicators, and also has the most advanced energy saving mode. After fully charging and conditioning batteries, ProSport's Energy Saver Mode will monitor and Auto Maintain batteries only when needed to maintain a full state of charge, resulting in maximum reserve power performance and lower AC power consumption and operating costs. ProSport incorporates Distributed-On-Demand™ Charging technology, taking 100% of the available charging amps and distributing them to any one or combination of all batteries as needed for faster charging. Each ProSport model has two digitally selectable charge profiles to choose from with a 3rd high-performance AGM HP profile on the ProSport20 Dual (943020). It includes a once-a-month storage reconditioning mode for extending battery life. 100% Waterproof & Saltwater Tested and pre-wired for easy installation. UL, CSA, FCC, CEC, RoHS, ABYC, Lead-free.

part no.	description
943006	ProSport 6, heavy-duty onboard charger, 6 amp single, 12V
943008	ProSport 8, heavy-duty onboard charger, 8 amp dual, 12/24V
943012	ProSport 12, heavy-duty onboard charger, 12 amp dual, 12/24V
943020	ProSport 20, heavy-duty onboard charger, 20 amp dual, 12/24V
943021	ProSport 20Plus, heavy-duty onboard charger, 20 amp triple, 12/24/36V

MARINCO™ Charge Pro Onboard Battery Chargers



991560

Designed for harsh marine and industrial environments – moisture, salt, shock and vibration tested to satisfy the most demanding customer requirements and meet the toughest worldwide standards including UL, CSA, ABYC, and the latest California efficiency regulations (CEC). Non corroding housing for ultimate reliability, as well as intuitive operation - Sense-Send™ technology senses the power needs of each battery and sends correct charge. Feature universal 120/230V input for go-anywhere freedom, and are microprocessor controlled for accurate charging. Charge flooded and AGM batteries. Completely sealed and epoxy filled, IP68 waterproof.

part no.	description
991560	on-board battery charger, 6 amp, 12V, 1 bank, 120V input
991565	on-board battery charger, 10 amp (5/5), 12/24V, 2 bank, 120V input
991525	on-board battery charger, 20 amp, 12/24V, 2 bank, 120V input
991570	inlet - front/rear charger mount with PVC cover



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2 Amp Battery Maintainer/Charger

Store a battery indefinitely, keep it factory fresh without fear of overcharging or boiling electrolytes, or maintain and charge a battery in a stored vehicle with this 2 amp, 12V charger for 12-volt systems. Complete with a 4' DC output with ring terminals and a 6-ft AC cord. Reverse polarity protected. Input voltage: 100–130V AC / 50–56Hz; Output voltage: 12V. Weight: 1.5 lbs.

part no.	description
991500	2 amp battery charger



3 Amp Battery Maintainer/Charger

Store a battery indefinitely, without fear of overcharging or boiling electrolytes or use as a full-time maintenance charger to keep your 12V battery fresh and ready to go anytime. 3 amp, 12V Charger for 12-volt systems. Maintains 12V flooded or gel cell batteries rated between 5 & 250 amp hours; also can be used to maintain a charged battery up to 500 amp hours. Complete with a 6" AC cord and 4' DC output with alligator clips. Fully potted, water and vibration resistant. Input voltage: 100–130V AC / 50–60Hz; Output voltage: 12V. Weight: 1.5 lbs.

part no.	description
991505	3 amp battery charger



6 Amp Battery Charger

Waterproof, portable 6 amp 12V battery charger/maintainer. Complete with a 6" AC cord and 4' DC outputs with alligator clips. Fully potted, shockproof, water and vibration-resistant LED power indicators and overload protection. Reverse polarity protected. Input voltage: 100–130V AC / 50–60Hz; Output voltage: 12V. Weight: 4 lbs.

part no.	description
991510	6 amp battery charger

ProMariner™ Battery to Battery Charger



Protects your engine battery while charging and conditioning your house battery bank, using its all-digital software controlled, multi-stage charging technology. The 4th Stage provides on-demand fast charge mode when needed. Meets a boat's demand for on-the-water power and charging for 12 or 24V DC systems, allowing for radar, lighting, live wells, and other DC systems to operate while managing and charging batteries when running your engine. Programmable Battery Type Selector allows selection of Flooded (lead-acid), AGM, and GEL batteries, and Hi-Vis LEDs indicate battery type, charge modes, temperature, and fault conditions. Ignition protection, over temperature protection, and over-voltage protection. Remote temperature probe included. Lead-free. RoHS.

part no.	description
905505	digital mobile charge, battery to battery, 40 Amp, 12V to 24V

ProMariner™ Alternator to Battery Charger



Charging capacity of up to 130 Amps. Provide up to 130 Amps per hour to your house battery bank while protecting your engine battery and charging/conditioning your house battery bank, using its all-digital software controlled, multi-stage charging technology. Meets a boat's demand for on-the-water power and charging for 12V DC systems, allowing for radar, lighting, live wells, and other DC systems to operate while managing and charging batteries when running your engine. Programmable Battery Type Selector allows selection of Flooded (lead-acid), AGM, and GEL batteries, and Hi-Vis LEDs indicate battery type, charge modes, temperature, and fault conditions. Ignition protection, over temperature protection, and over voltage protection. Remote temperature probe included. Lead free. RoHS.

part no.	description
905513	digital mobile charge, alternator to battery, 130 Amp, 12V

ProMariner™ Battery Isolators



Allow one or two alternators to be connected to multiple battery banks without fear of fully charged batteries discharging into undercharged batteries. Rated for use with 6, 12, 24, 32, and 36V DC systems ranging from 10 amps to 130 amps output. **Note: these products are meant to be used with negative ground alternator systems, and are not recommended for use with self-energizing style alternators.**

part no.	alternators	batteries	amps	part no.	alternators	batteries	amps
901702	1	2	70	911302	1	2	130
901703	1	3	70	911303	1	3	130
902702	2	2	70	921302	2	2	130
902703	2	3	70	921303	2	3	130



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Terminal Ratchet Crimp Tool

This tool not only crimps standard insulated 22–10 gauge terminals, but a breakthrough in design now offers a 4th crimp station for 8 gauge. A new mating design ensures that the dies do not slip from side to side. Perfect for all electrical installation jobs.

part no.	description	crimps gauges
990025	ratchet crimping tool	22–8 ga



Terminal Ratchet Crimp Tool Set - with Interchangeable Dies

Includes part number 990025 Insulated Terminal Ratchet Crimp Tool and adds five interchangeable dies for crimping a multitude of terminals. This includes open barrel terminals, insulated terminals, insulated closed-end connectors, insulated double-crimp terminals, and insulated flag terminals, all contained in a convenient black carrying case with included 2.5mm Allen wrench for easy die change out. Includes crimp tool and five interchangeable dies in plastic carrying case. Gauge sizes: 20-10 ga open barrel, 22-8 ga insulated, 24-10 ga, insulated double crimp, 22-14 ga insulated flags.

part no.	description
990030	ratchet crimp tool set with 5 dies



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Crimp Dies for Ratchet Crimp Tool

Our popular 990025 Crimp Tool can now crimp more than insulated terminals with this assortment of five interchangeable dies (sold separately), for crimping a multitude of terminals. Dies include the ability to crimp open barrel terminals, insulated terminals, insulated closed-end connectors, insulated double-crimp terminals and insulated flag terminals. A convenient black carrying case and 2.5mm Allen wrench for easy die change out are also available separately.

990032 990031



990034 990035

part no.	description	crimps gauges
990031	crimp die for insulated closed end connectors	-
990032	crimp die for open barrel terminals	20-10 ga
990033	crimp die with locator open barrel terminals	20-10 ga
990034	crimp die for insulated flag terminals	22-14 ga
990035	crimp die for insulated double-crimp terminals	26-10 ga
990036	carrying case for 990025 and crimp dies	-
990037	allen wrench for die changeout, 2.5mm	-

Ratchet Crimping Tool – Open/Insulated

Tool 990163 crimps both standard and reinforced (double crimp) terminals in 22–10 gauge. Tool 990168 crimps OEM (open barrel) terminals in 22–12 gauge. Both tools will not disengage until uniform crimp is completed or quick release lever is triggered. Dies have printed key for proper crimp nest.



990163

part no.	description	crimps gauges
990163	ratchet crimping tool	22–10 ga
990168	OEM ratchet crimping tool	22–12 ga



Crimping Tools – Insulated

For crimping insulated terminals. Each tool must be fully closed before it will allow itself to open, ensuring a proper crimp.

990165



990160

part no.	description	crimps gauges
990165	ratchet crimping tool	16–8 ga
990160	ratchet crimping tool	22–10 ga

Crimping Tool – Insulated

Crimps 22–10 gauge barrel and insulation terminals and connectors. Also crimps nylon and vinyl-insulated, butted or brazed seam and standard or short barrel terminals. Spring-loaded locator orients, positions and holds terminal and connector. Must be fully closed before tool allows itself to open, to ensure a proper crimp.



part no.	description	crimps gauges
990130	ratchet crimping tool	22–10 ga

Crimping Tool – Non-Insulated/Insulated

Five-station ratchet tool is a single crimp tool with three stations for insulated 22–10 gauge terminals and two stations for non-insulated 22–10 gauge terminals. The five-station feature allows the tool to serve as a low cost ratchet tool for electrical maintenance and construction.



part no.	description	crimps gauges
990135	ratchet crimping tool	22–10 ga



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Crimping Tool – Heat Shrink Insulated

Each cavity is designed to deliver the crimping force that ensures a solid connection without causing damage to heat shrink. Ratcheting mechanism delivers the proper amount of force to each connector. Crimps 24–10 gauge.

part no.	description	crimps gauges
990020	heat shrink, solder sleeve crimping tool	24–10 ga



Crimping Tool – Non-Insulated/Insulated

Crimps 26–10 gauge insulated and 22–10 gauge non-insulated terminals. Scissor action strips stranded 26–10 AWG and solid 18–8 AWG wire. Two convenient wire cutting stations. Cuts and rethreads 4–40, 6–32, 8–32, 10–24, and 10–32 machine screws. Crimps 7–8mm ignition terminals. Included in kits no. 277 and 809 (see kit section beginning on page 90-98).

part no.	description	crimps gauges
990141	multi-purpose hand crimp tool	22–10 ga, 26–10 ga



Crimping Tool – Non-Insulated/Insulated

For 22–8 gauge non-insulated terminals, 22–14 gauge insulated terminals. Crimps 7mm and 8mm ignition terminals. Strips and cuts wire and also cuts screws. Color-coded crimping nest.

part no.	description	crimps gauges
990145	multi-purpose crimping tool	22–8 ga, 22–14 ga



Crimping Tool – Multipurpose

An excellent tool for multiple uses. The pliers are a wire cutter, bolt cutter, crimping nest for insulated or non-insulated terminals. Can also strip 22–10 gauge solid or stranded wire. Cuts screw sizes: 4–40, 6–32, 8–32, 18–24, 18–32.

part no.	description	crimps gauges
990198	multi-purpose crimping tool	22–10 ga

Sealed Connector Tools

Designed for the positive crimping of sealed connector terminals, these high quality tools are built for long-lasting and dependable service. The removal tools offer easy removal of terminals. Ratcheting tools assure a perfect crimp every time.



906475

part no.	description
906475	Weather Pack removal tool



906485

part no.	description	gauge
906485	Weather Pack self-oriented crimper	20-14



906495

906495	Weather Pack crimper	16-14
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990174

990174	Weather Pack and Metri-Pack® crimper	22-14
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908475

part no.	description
908475	Metri-pack® removal tool



908485

part no.	description	gauge
908485	Metri-pack® crimper	20-14



908495

908495	Packard crimper	12-10
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14114100

part no.	description
14114100	AT™, ATM™, ATP™ Series removal tool



Closed Barrel Crimp Tools

Crimps Amphenol and Deutsch closed barrel.



998860

part no.	crimps contact size	crimps gauges	Crimps Series
998860	12	12	ATP / DTP
998880	16	18-14	AT / DT
998890	20	22-14	ATM / DTM



990170

OEM Open Barrel Crimp Tools

Crimps 20–12 gauge OEM type (open barrel) automotive terminals. Five crimping stages. Five dies make rollover crimps on both stranding (electrical crimp) and insulation (strain relief crimp). For crimping terminal numbers: 929895, 929875, 925735, 925725.



990172

part no.	description	crimps gauges
990170	open barrel crimping tool	22–12 ga
990172	heavy-duty crimping pliers	12 ga



NEW!

Open Barrel B-Crimp Crimping Tool

Precision machined crimping cavities are designed to perform B-shaped crimps on open barrel OEM style battery terminals. 19" total length.

part no.	description	crimps gauges
990003	open barrel crimping tool - B-crimp	6-1



NEW!

Square Crimp Battery Crimping Tools

A square shaped crimp requires less force to complete to tensile requirements and does not produce as much pinching as a hex crimp.

part no.	description	crimps gauges
990019	square crimp battery crimping tool	4/0-3/0
990021	square crimp battery crimping tool	3/0-2
990023	square crimp battery crimping tool	1-8



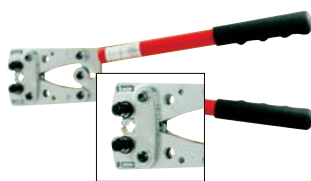
990017

990015

Hammer & Wrench Crimping Tools

Heavy-duty tools for crimping solderless connectors 8-4/0 gauge (standard copper lugs). 990015 creates a v-crimp with a hammer or vice. 990017 creates a 3-point crimp using a ratchet or wrench.

part no.	description	crimps gauges
990015	hammer/vice crimper - v-crimp	8-4/0
990017	impact wrench/ratchet crimper - 3-point crimp	8-4/0



Junior Crimping Tool

Designed for die cast copper battery terminals and copper lugs. Adjustable crimp dies are permanently attached. Features 10" insulated handles, 15" overall. Not for use with heavy wall terminals, lugs or cable over 1/0.

part no.	description	crimps gauges
990005	junior crimping tool	8-1/0 ga
8000047	die replacement kit	-



Die Cast Terminal Crimping Tool

Designed for all die cast copper battery terminals or lugs. Crimps 6-4/0 gauge. This tool has 26" insulated yellow handles and a lock button for rotating dies. A chart for selecting the correct die setting is included.

part no.	description	crimps gauges
990000	die cast terminal crimping tool	6-4/0 ga
8100020	die replacement kit	-



molex

Molex Heavy-Duty Crimping Tool

Designed exclusively for standard copper lugs. Features 14" handles and is 18" in over-all length. Includes three (3) replaceable crimp dies.

INFORMATION

Die A - 6-4 gauge Die C - 1-2 gauge
 Die B - 1/0-2/0 gauge w/o die insert- 3/0-4/0 gauge

part no.	description	crimps gauges
990065	Molex heavy-duty crimping tool	6-4/0 ga



Heavy Duty V-Style Crimping Tool

Can be used to crimp battery terminal sizes 4-4/0 gauge and copper lugs 6-4/0 gauge. The permanently attached crimp head adjusts to the correct size and compresses the lug creating a "V-shaped" crimp. This tool has 20" handles with rubber grips and has an adjustment chart located on the front and back identifying the correct head heights for crimping.

part no.	description	crimps gauges
990001	heavy duty V-style crimping tool	4-4/0 ga, 6-4/0 ga



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Ratchets & Wrenches



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Flexible Head Ratchets

Flex head, locking head ratchets feature an extra long shaft to provide more leverage when operating the ratchet. The flexible head can angle 180° to tighten or loosen sockets in confined spaces. Each ratchet meets and exceeds ANSI torque requirements. Limited manufacturer LIFETIME WARRANTY on ratchet head assembly.

part no.	description	handle length
9901406	¼" locking flex head ratchet	12"
9903803	⅜" locking flex head ratchet	18"
9901206	½" locking flex head ratchet	24"



Extra Long Shaft Ratchet Set

A three piece set that includes one each of the ¼", ⅜" and ½" ratchets, each featuring a seventy-two tooth reversible ratcheting head and extra long shaft to provide leverage for loosening or tightening bolts. Each ratchet includes a manufacturer's limited LIFETIME WARRANTY on ratchet head assembly and exceeds ANSI torque requirements.

part no.	description	handle length
9901106	¼", ⅜" & ½" extra long ratchet set	12", 18", 24"



Extendable Shaft Ratchets

Feature seventy-two tooth reversible ratcheting heads and provide extra leverage for loosening or tightening bolts. The unique, extendable locking shafts are manufactured of durable, heavy-duty chrome vanadium and feature a comfort grip, chemical resistant handle. The three piece set includes a ¼", ⅜" and ½" ratchet packaged in a convenient high density foam tool box tray. Includes a manufacturer's limited LIFETIME WARRANTY on ratchet head assembly. Each ratchet exceeds ANSI torque requirements.

part no.	description	handle length
9901402	¼" drive extendable ratchet	6"–8¼"
9903801	⅜" drive extendable ratchet	8½"–12½"
9901202	½" drive extendable ratchet	12"–17¼"
9901101	¼", ⅜" & ½" extendable ratchet set	–



Monster Extendable Shaft Ratchet

A ¾" reversible ratchet featuring a twenty-four tooth head and extendable shaft that provides extra leverage for loosening or tightening bolts. Its unique, extendable locking shaft is manufactured of durable, heavy-duty chrome vanadium and feature a diamond pattern knurled handle to ensure a secure grip. The ¾" ratchet extends from 25" to 40". Includes a manufacturer's limited LIFETIME WARRANTY on ratchet head assembly and exceeds ANSI torque requirements.

part no.	description	handle length
9934900	¾" drive extendable ratchet	25"–40"



Extendable Shaft/Flexible Head Ratchets

These extendable, locking shaft ratchets feature seventy-two tooth, flexible ratcheting locking heads that can angle 180° to tighten or loosen sockets in confined spaces. The extendable locking shafts allow for extra leverage when working with sockets or bolts. Ratchets meet and exceed ANSI torque requirements. Limited manufacturer LIFETIME WARRANTY on ratchet head assemblies.

part no.	description	handle length
9901205	½" drive locking flex head, extendable ratchet	13½"–19¼"
9901405	¼" drive locking flex head, extendable ratchet	6¾"–8¾"
9901104	¼", ⅜" & ½" drive locking flex head, extendable ratchet set	–



Double Box Flex-Locking Wrench Sets

These wrench sets feature box ends with offset heads for greater reach capabilities, extra long splines with 180 degree flex heads, and reversible switches. The 4-piece SAE set includes ⅝" x ⅜", ⅞" x ½", ⅞" x ⅝", 1⅞" x ¾". The 5-piece metric set includes 8mm x 10mm, 12mm x 14mm, 13mm x 15mm, 16mm x 18mm, 17mm x 19mm. Both sets meet and exceed ASME/ANSI torque specifications

part no.	description
9909836	double box flex-locking wrench set, SAE, 4 pc, reversible
9909837	double box flex-locking wrench set, metric, 5 pc, reversible



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909555

Professional Grade Ergo Strippers

These wire strippers feature nick-resistant, stainless steel blades & Dual Grip™ ergonomically-shaped handles. The 909550 also crimps #22–#10 gauge insulated terminals. The 909560 features a contoured grip for ease of use. All feature an extended handle to allow for a closer grip to the stripping area.

part no.	description	strip gauges
909550	ergo multi stripper	20–10 ga
909555	ergo multi tool - crimp & strip	22–10 ga
909560	contour ergo multi stripper	20–10 ga



Multi-Purpose Wire Stripper & Cutter Tool

Precision ground cutting edges and a cushioned grip with spring return. Looping hole aids in wire pulling and termination. A high precision joint to ensure smooth operation. Anti-glare black oxidation surface treatment for better vision. Three different functions: shears, multi-diameter wire stripper and pliers.

part no.	description	strip gauges
990630	wire stripper	20–10 ga



1901515



1901516

Multi-Purpose Wire Stripper & Crimp Tool

Precision ground cutting edges and a cushioned grip. Looping hole aides in wire pulling and termination. A high precision joint to ensure smooth operation. Anti-glare black oxidation surface treatment for better vision. Three different functions: shears, wire stripper and pliers.

part no.	description	strip gauges
1901515	multi-purpose wire stripper w/lock	20-10 ga
1901516	multi-purpose crimp tool	22-10 ga



Multi-Purpose Wire Stripper

Strips copper and aluminum in both solid and stranded wire from 22–10 gauge. Cuts and rethreads bolts 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32. Crimps solderless & ignition terminals. Plier nose for pulling and looping wire.

part no.	description	strip gauges
990143	multi-purpose tool	20–10 ga



Light Duty Crimping Pliers

Precision ground cutting edge with crimping stations for insulated and non-insulated terminals. Can cut both copper and aluminum wires. The tapered nose allows for cutting in tight locations.

part no.	description
1901517	light-duty crimping pliers



Self-Adjusting Wire Stripper

Self-adjusting wire stripper for 26–10 gauge wire. Crimps insulated, non-insulated and ignition terminals.

part no.	description	strip gauges
990225	self-adjusting wire stripper	26–10 ga



Spring-Loaded Wire Stripper

Spring-loaded stripper to automatically remove wire insulation without crushing ends. Comfortable no-slip plastic handle to secure a firm grip. Strips 18–10 gauge wire.

part no.	description	strip gauges
990230	spring-loaded wire stripper	22–8 ga



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Circuit Alert™ Wire Stripper

Strips #10–18 gauge solid or stranded wire. Bolt cutting station cuts bolts & reforms threads. Stainless steel material provides maximum corrosion resistance. Knurled pliers nose and looping stations. Dual grip positions. A red light and rhythmic sound is activated if a voltage greater than 50V AC is present. Detachable circuit tester.

part no.	description	strip gauges
989400	Circuit Alert™ wire stripper	18–10 ga



Circuit Alert™ Voltage Stripper & Crimper

Strips #8–20 AWG solid or stranded wire. Bolt cutting station cuts bolts & reforms threads. Stainless steel material provides maximum corrosion resistance. Knurled pliers nose and looping stations. Dual grip positions. A red light and rhythmic sound is activated if a voltage greater than 50V AC is present. Detachable circuit tester.

part no.	description	crimp & strip gauges
989405	Circuit Alert™ wire stripper	20–8ga



Circuit Alert™ Wire Stripper, NM Romex™

Strips 14–2 & 12–2 NM cable. Bolt cutting station cuts bolts & reforms threads. Stainless steel material provides maximum corrosion resistance. Knurled pliers nose and looping stations. Dual grip positions. A red light and rhythmic sound is activated if a voltage greater than 50V AC is present. Detachable circuit tester.

part no.	description	strip gauges
989410	Circuit Alert™ wire stripper, NM romex	14–2 ga, 12–2 ga



Circuit Alert™ Voltage Sensing Long Nose Pliers

All in one tool! Allows you to cut wire and cable, crimps terminals, twists connectors, strips wire and tests for voltage. Built-in wire stripper is designed for #18 stranded wire. Knurled plier jaws and precision cutting blades. Forged steel construction for long life. Diagonal cutting head. A red light and rhythmic sound is activated if a voltage greater than 50V AC is present. Detachable circuit tester.

part no.	description
989205	Circuit Alert™ long nose pliers, 8"



Circuit Alert™ Voltage Sensing Linesmens Pliers

All in one tool! Allows you to cut wire and cable, crimp terminals, hammer staples and test for voltage. Cross knurled jaws and precision hardened cutting blades. Forged steel construction for long life. Diagonal cutting head. A red light and rhythmic sound is activated if a voltage greater than 50V AC is present. Detachable circuit tester.

part no.	description
989210	Circuit Alert™ linesmens pliers, 9"



Circuit Alert™ Voltage Sensing Screwdrivers

Drives both screws and wire connectors. Non-magnetic bit lock system. Bits can be stored in the insulated shaft and handle. A red light and rhythmic sound is activated if a voltage greater than 50V AC is present. Detachable circuit tester. Includes #1 & #2 phillips, 3/16" & 1/4" slotted, R1 & R2, #10 & #15 torx and 1/4" hex bits.

part no.	description
989510	Circuit Alert™ 10-in-1 screwdriver



Circuit Alert™ Voltage Sensor

A tri-directional voltage sensor with a momentary On/Off switch. Includes a snap-on pocket clip. A red light and rhythmic sound activate if a voltage greater than 50V AC is present. Fits all Circuit Alert™ tools.

part no.	description
989300	Circuit Alert™ volt sensing module



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Heavy-Duty Cable Stripper

This heavy-duty cable stripper removes cable jackets either cutting lengthwise or spiral form.

part no.	description	strip gauges
940405	rotary cable stripper	8 ga–400 MCM



Copper Cable Cutter

Designed to cut copper cable. Made of high quality 1/4" hardened steel. Length: 8 3/4". Does not cut steel.

part no.	description	cuts gauges
990240	battery cable cutter	8–3/0 ga



990236

Heavy-Duty Copper Cable Cutter

Designed to cut copper cable, this cutter has a 22" handle. Does not cut steel.

part no.	description	cuts gauges
990235	heavy-duty copper cable cutter	8–4/0 ga
990236	heavy-duty bench mount cable cutter	8–4/0 ga



Light-Duty Flameless Heat Gun

A competitively priced tool that can be held by hand or stand alone. Quickly and efficiently shrinks PVC, polyolefin, dual wall, crimpable shrink tubing and no-crimp solder terminals. Solid state construction: powerful dual set, 315°C/537°C (600°F/1000°F) 1200W and 10 amps self-standing. Perfect for shrink tubing. Includes shrink tube reflector. For light-duty use only.

part no.	description
990110	flameless heat gun



Mini-Torch

Economical, self-igniting mini-torch. Temperature range up to 1300°C (2500°F). Includes a refillable fuel cell. Meets Consumer Products Safety Commission (CPSC) Child Safety Requirements. Does not include butane.

part no.	description
945000	economical butane mini torch



Butane Power Torch

This versatile heat tool is fast and lightweight. Perfect for heat shrinkable connectors and tubing, soldering and a variety of other applications. The tank capacity will provide approximately 70 minutes of continuous usage. Does not include butane.

part no.	description
946005	butane power torch



Heavy-Duty Butane Torch

The heavy-duty butane powered torch is a versatile heating tool, perfect for terminal soldering, heat shrink tubing, shrink terminals and connectors. This torch features a large flame that reaches temperatures up to 1300°C (2500°F), and a flame lock option that allows for continuous burning. The refillable fuel reservoir holds 42 ml and provides a continuous run time of up to 60 minutes. Butane not included.

part no.	description
945005	heavy-duty butane torch



Portable Heat Tool

Convenient butane powered flameless heat tool and soldering iron kit that is self-igniting and cordless. Kit comes complete with heat shrink attachment, soldering and heat tips, protective cap, spanner and open wrenches, as well as installation and application instructions. Tank holds 1oz 28ml (15.8gm) of butane and can operate up to 2 hours on #3 setting. Temperature ranges vary from 250°C to 650°C (482°F up to 1202°F), depending on application tip usage.

part no.	description
990105	portable heat tool

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Shop Lights



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COB LED Rechargeable Work Light

This super-bright, rechargeable COB LED work light features the latest COB (chip on board) LED technology, which evenly distributes the span of bright light, eliminating any dim or hot spots in the lighted area. Its 3W COB LEDs provide 450 Lumens on the high setting (up to 4 hours) and 250 on low (up to 7 hours). Other features include a three-color charge level indicator, rugged nylon hook, Lithium-ion battery, USB charging capabilities, 110V and 12V USB charging adapters, USB charging cable, and heavy-duty ABS body construction with a non-slip rubber grip. LED color Kelvin Temperature is 6300-6800K.

part no.	description
75640	COB LED rechargeable worklight, 7 hour, 450 lumens



COB LED Pocket Light

This super-bright COB LED Pocket Light features the latest COB (chip on board) LED technology, which evenly distributes the span of bright light, eliminating any dim or hot spots in the lighted area. It provides 150 Lumens for up to 7 hours and operates on three AAA batteries. Other features include a magnetic base, pocket clip, and weather resistant button. Batteries included.

part no.	description
75620	COB LED pocket light, 7 hour, 150 lumens



LED Pocket Light Stick

A rugged, pocket sized light that features six super bright LEDs. Three AAA batteries provide up to 11 hours runtime and 36 Lumens to illuminate hard to reach, tight areas. This light provides both a floodlight effect and directional illumination pattern. Added features include a molded plastic clip to stay in your pocket, and a water resistant housing. Batteries included.

part no.	description
75606	pocket LED light stick, 6 diode



LED UV Pocket Light Stick

A rugged, pocket sized light that features six super bright UV LEDs. Three AAA batteries provide up to 11 hours runtime. Housing is a bright safety color and is water resistant. Batteries included.

part no.	description
75608	UV LED light stick, 6 diodes



LED 2-in-1 Rechargeable Worklight / Flashlight

This 2-in-1 tool can be used as a flashlight or freestanding worklight with its handy magnetic base. The flashlight illuminates 6 bright LEDs with a touch of the button. Simply extend the handle of the flashlight and a 30 LED worklight automatically provides illumination perfect for use under-the-hood automotive repair, on benchtops, or in any other work area.

part no.	description
75661	LED 2-in-1 rechargeable worklight & flashlight



Cordless Work Light

This cordless, rechargeable work light allows for "take-n-go" freedom with the convenience of charging while working or in the car. The work light illuminates up to 4 hours on 1 charge. Includes 13 watt halogen bulb, 120V AC plug and car charger. UL.

part no.	description
75664	rechargeable cordless work light



Trouble Lights

All models meet OSHA specifications. 13A, 125V, 1625W. On-off switch and side outlet. Metal hood. Maximum 75 watt bulb. U-Ground NEMA 5-15. UR.

part no.	description	gauge/conductor
75544	25' cord/SJT	16/3
75546	50' cord/SJT	16/3



75562

75566

Portable Fluorescent Work Lights

Shatter-resistant housing and non-glare reflector. Hanging hook swivels 360°. A starter switch is built into the handle. Cord is 18/2 SJT with a plug-in ballast. Energy saving fluorescent bulb included. UL.

part no.	description
75562	25' fluorescent work light
75566	25' fluorescent work light



GB
Gardner
Bender

Wireless Digital Inspection Camera

Features a water-resistant and non-conductive (up to 500 volts), 3ft flexible tube with a dustproof/water-resistant 9mm camera and adjustable LED lighting at the tip. The device creates and utilizes its own private WiFi network to transmit images from the camera to any iOS™ or Android™ enabled smart device via a free downloadable app. The resulting images are projected in full color and can be captured as still images or video for sending to other devices or people via email. Powered by 4 AA batteries (not included).

part no.	description
19015221	wireless inspection camera GB WIC-100



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Kiwi Pliers 2 Piece Set

The Kiwi pliers are similar to needle nose pliers but feature an angle that provides for better hand alignment. The curved handles provide a more comfortable and powerful hand grip with less effort. The internal spring helps to open the pliers' jaws. Manufactured from heat treated long lasting quality steel.

part no.	description
9907100	6" short nose & 8" long nose



Super Wrist Magnet

6 super strong neodymium magnets within it to hold nuts, bolts, tools or other steel hardware. It attaches to your wrist with a Velcro® strap and is rated to hold up to 6 lbs of steel parts.

part no.	description
9900922	super wrist magnet



9900906

Telescoping Magnetic Tools

Pick up nuts, bolts, tools and any other hard to reach metal items that are just out of reach. Each features a neodymium rare earth magnet and comfort grip rubber handle. Constructed of aluminum.

part no.	description	weight capacity	handle length
9900905	monster telescoping magnet	10 lbs	up to 36"
9900907	monster swivel telescoping magnet	10 lbs	up to 38"
9900906	super monster telescoping magnet	20 lbs	up to 38"



9900900

Telescoping Hood Props

Prop is constructed of tubular aluminum and adjusts like a telescope with an exclusive double locking system. Guide channel ensures that the lock button will line up every time and the twist collar allows additional strength. The rubber bumpers on each end protect against scraping or chipping of paint.

part no.	description	handle length
9900901	telescoping hood holder/prop	23"-40"
9900900	monster telescoping hood holder/prop	25"-60"



Hybrid Tool Kit

Includes a 3/8" drive insulated ratchet, 3/8" drive 6" extension, 3/16" slotted insulated screwdriver, two Phillips head screwdrivers and a nylon protective/carry pouch. Rated up to 10,000 volts, CAT III for maximum protection. Includes a manufacturer's limited LIFETIME WARRANTY.

part no.	description
9900924	5 piece hybrid tool kit w/pouch



9900404

Battery Tools

The perfect tools for battery installation and removal including ratcheting tools in various lengths for loosening or tightening side terminals, pliers, removal tools and cleaners. These tools can be purchased individually or in a kit with convenient carrying pouch.



9900406



9900412

part no.	size	description	handle length
9900400	5/16"	ratcheting side terminal wrench	4"
9900402	5/16"	ratcheting side terminal wrench	8"
9900404	-	battery terminal removal tool	-
9900406	10 mm	ratcheting side terminal wrench	4"
9900408	-	battery terminal spreader pliers	-
9900410	-	angle nose battery pliers	-
9900412	-	battery maintenance kit with pouch	-



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Indoor/Outdoor Extension Cords

Single outlet extension cords. Type SJTW-A extra flexible cords. All-weather with oil restraint. -40°C (-40°F), 300V rating; 15A, 125V, 1875W. UR and UL rated.

part no.	description	gauge/conductor
75520	50' cord	14/3
75524	25' cord	12/3
75526	50' cord	12/3



Expandable Tubing Hot Knife

Expandable sleeving should be cut with a hot knife cutting tool or similar heated blade to keep the material fibers together. This bench mount 110 volt AC tool enables the operator to draw flexible sleeving down across the knife blade under tension. Both hands are then free to seal and flare ends. Must be used in a well ventilated area. Instructions printed on the tool.

part no.	description
990070	expandable tubing hot knife



Heavy-Duty Serrated Edge Scissors

Serrated, angled shears are ideal for cutting Clean Cut Expandable Sleeving, Metal Braided Sleeving, Stainless Steel Expandable Sleeving, and other sleeving types. Comfortable, high impact grips and stainless steel blades ensure years of use.

part no.	description
990099	heavy-duty serrated edge scissors



Locknut Wrenches

This perfect tool for locknut operation fits the majority of UL locknuts and features a thin profile that makes those normally tight spaces a thing of the past. The hooked tip latches onto locknuts and maximizes turning leverage. It can be used to loosen or tighten a locknut by rotating the wrench in the direction of the arrows marked on both ends. The Locknut Wrench is a reliable and durable addition to any tool box.

19015222

part no.	description
19015222	locknut wrench, 1.000"
19015223	locknut wrench, 0.750"
19015224	locknut wrench, 0.500"



9900920



9900919

Razor Scrapers

Perfect for any sticky situation. The scrapers utilize a single edge steel razor blade that can be easily replaced when worn. The 4" compact scraper features a plastic body with slight contour for use in tight spaces. The Monster 6" and 19" scrapers feature a rugged aluminum body and the 19" has a poly foam grip that can store up to 15 blades. If you need a variety of sizes, the Monster kit is the best option as it contains the 4" plastic, 8" and 13" aluminum scrapers, and 100 razor blades in a convenient plastic case.

part no.	description	handle length
9900914	scraper	4" plastic
9900916	monster scraper	6" aluminum
9900919	monster extra long scraper	19" aluminum
9900920	monster scraper kit w/spare blades	4", 8", 13"



990040

Clamp Making Tool

The Clamp Making Tool is designed to tighten safety wire - any size, any shape, anywhere, thus utilizing its strength and versatility. Use with parts 12202202, 12202204 and 12202206.

part no.	description
990040	clamp making tool, stainless steel



12202204

Stainless Steel Safety Wire

Our Stainless Steel Safety Wire is made from Grade 304 Stainless Steel, which provides strength and great corrosion resistance, and is annealed for ease of use. Use with clamp making tool part 990040.

part no.	length	size
12202202	600'	0.025"
12202204	360'	0.032"
12202206	200'	0.041"



Fish Tape

Ideal for short fishing runs in existing structures. Aerodynamic tip reduces friction, requiring less force and decreasing hang-ups.

part no.	description
990360	Cable Snake™ fish tape, 25'



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Cable Snake

Tape is wound directly into housing; no need to snap retaining tapes. Four viewing ports on reel tell at a glance how much tape remains. Easy disassembly for fast replacement of tape. Includes fish tape ball that glides through tricky bends without sticking or snagging. 250 lb. pulling strength.

part no.	description	size	reel diameter
990365	fish tape, 50'	1/8" x .060	8 7/16"
990385	fish tape, 100'	1/8" x .060	12"
990395	fish tape, 240'	1/8" x .060	12"



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Hand Caddy

Convenient hand carrying or dispensing of small quantities of reeled wire. Rugged construction from 5/8", .083 steel tubing; epoxy coated to reduce chipping and peeling. Holds up to 8 reels, each 7" diameter by 5" wide; or 4 reels, each 7" diameter by 6" to 10" wide.

part no.	description	dimensions
75567	hand caddy	22 1/2"(L) x 13 1/2"(W) x 9 1/2"(H)



Spool Caddy Cart

Transport and dispense reels of building wire, coaxial and multi-conductor cables. Hand caddy model 75567 is included. The caddy is easily attached to and detached from cart for maximum capacity and flexibility. Constructed of 5/8", .083 steel tubing; holds up to 300 lbs. Semi-pneumatic steel wheels are much more durable than plastic wheels. Special patented channel allows up to two caddies to attach to cart.

part no.	description	dimensions
75570	spool caddy cart	22 1/2"(L) x 16"(W) x 43"(H)



Wire Spool Rack

For convenient storing and dispensing of wire. Heavy-duty steel with gray finish. Keyhole slots for wall mounting. Four plated steel tubes to hold heavy spools as large as 10" in diameter. Recommended for : 3 3/4", 6 1/2", and 8 1/2" spools.

part no.	description	dimensions
990285	heavy-duty wire rack	26"(L) x 5 3/4"(W) x 36 1/2"(H)



Knockout Set

Four-point design allows slugs to drop out of the die automatically without splitting. Perfect for chassis builders, metal fabrication and other OEM/MRO applications. Durable punches make holes in up to 12 gauge stainless steel and 10 gauge mild steel.

part no.	description	pipe sizes	hole size O.D.
992100	knockout set	1/2", 3/4", 1", 1 1/4"	7/8", 1 3/32", 1 11/32", 1 11/16"



Ratchet Wrench Knockout Set

Four-point design allows slugs to drop out of the die automatically without splitting. Perfect for chassis builders, metal fabrication and other OEM/MRO applications. Durable punches make holes in up to 12 gauge stainless steel and 10 gauge mild steel. Includes a handy ratchet mechanism for application ease. The complete set punches holes from 1/2" to 2".

part no.	description	pipe sizes	hole size O.D.
992102	knockout set	1/2" - 2"	7/8" - 2 3/8"

Diagnostic & Specialty Testers



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Battery & Alternator Voltage Analyzer

Strong steel tip effortlessly pierces wire insulation for testing. Easily finds broken wires in circuit as bulb will stop glowing at dead point.

part no.	description
990200	12V battery & alternator voltage analyzer



Tru-Spark™ Ignition Firing Indicator

Quickly and accurately tests DIS and other ignition systems for the presence of secondary voltage. Tests without piercing or removing spark plug wires. Sensitivity adjustment dial. High visibility 360° indicator. High impact ABS housing.

part no.	description
991200	Tru-Spark™ ignition firing indicator



12V DC Automotive Tester

Quickly indicates alternator output and status of battery charge. LED lights show normal, low or flat level of battery charge. Durable case with magnetic strip on back adheres to any steel surface for safe operation.

part no.	description
991085	12V DC automotive tester



9900932

Hydrometers

Provide an easy visual inspection that identifies if the acids or solutions are in their proper state. The antifreeze hydrometer tests ethylene glycol on a temperature scale from -51°C to 0°C (-60°F to 32°F), suggesting that the solutions are properly mixed to prevent freezing. The battery hydrometer tests battery acid and suggests a low, fair, or good rating in the range of 1.100–1.100sg. Hydrometers are made of plastic with a rubber squeeze bulb that can extract up to 4 oz.

part no.	description
9900932	antifreeze hydrometer, ethylene glycol tester
9900435	battery hydrometer, acid tester



Refractometer

Provides the most accurate way of testing the concentration of acid and ethylene glycol or propylene glycol levels in antifreeze. Comes complete with a screwdriver, eyedropper, and padded case. The refractometer has an adjustable lens focus as well as a calibration adjustment screw and it reads in both Fahrenheit and Centigrade.

part no.	description
9900930	handheld refractometer, glycol tester



73097



73095

Trailer Connector Testers

An LED trailer connector tester confirms and analyzes tail light, turn signal and ground connections from your vehicle.

part no.	description
73095	4-way flat trailer connector tester
73097	7-way trailer connector tester



9900501

9900502

Battery Load Testers

Can be used with conventional and maintenance-free lead acid batteries. Both test 6 and 12 volt batteries and provide analog test readings. The 9900501 features copper plated clamps, tests completely in 10 seconds and has operating instructions displayed on back of tester. The 9900502 features a pistol grip, insulated heavy-duty copper clamps and performs state of charge, battery load, starter and charging system diagnostic tests.

part no.	description
9900501	analog battery load tester
9900502	pistol grip load tester, 125A



SPERRY
INSTRUMENTS

Dual Telephone Line Tester

Tests the status of single or dual phone lines. The tri-color LEDs indicate line status and the flexible lead comes with standard RJ11 phone plug.

part no.	specifications	range
19065219	pocket clip	yes
	visual indication	yes
	single & dual line test	yes



Automotive Memory Saver

A device for saving all drivability codes and memory settings in a vehicle that needs to have its battery disconnected. It's a self sealed contained unit requiring no additional source of power and includes a 12V 5 amp/hour sealed lead acid battery, as well as an LED that indicates connection to battery circuit. The unit is protected by a 4A circuit breaker and connects to a vehicle with a direct wired OBD2 connector. The OBD2 connector and 12 volt plug end is connected by a coiled cord that stretches up to eight feet. It's designed to be used with an alternate power source, such as a battery booster pack.



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part no.	description
9900601	automotive memory saver battery unit



Test Box

Provide diagnostics for RV step service. Tester isolates step function from RV power and wiring, allowing you to pin-point the problem, then replace the parts needed.

part no.	description
909518000	KWIK TEST control unit test box



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Temp Check™ Pocket Infrared Thermometer

Features a 6:1 distance to spot ratio and has a laser sight to pin-point accurate results. Toggle between Fahrenheit and Celsius with the ability to hold both minimum and maximum readings in max mode. Conserve battery life with auto power off.

part no.	specifications	range
19065233	temperature range	(-31 to 689°F) -35 to 365°C
	emissivity	fixed
	laser sighting	yes
	lock mode	yes
	low battery indicator	yes
	auto off	yes



Digital Thermometer

Safely and accurately measure surface temperatures of non-reflective materials. Lightweight and easy to use with a backlit display. Spot ratio 8:1.

part no.	description
992205	infrared digital thermometer



Phase Sequence and Open Phase Indicator

Verify proper wiring and connection in 3-phase motor applications. Alligator clips feature color-coded insulation for added protection, a visual rotation indication and LED indication of phase wiring. The housing is manufactured from shock resistant plastic, and is compact and lightweight for easy handling. Withstands 5500V AC for 1 minute.

part no.	specifications	range
19107018	AC voltage	110-600V
	push switch button	yes
	road operating range	yes
	visual indication	yes
	color coded clips	yes



Wire Tracker™ Wire Tracer

Identifies wires such as coax, CAT 5, speaker, phone, or any non-energized (non-live) wires, adapter plugs include: RJ-45, RJ-11, coax, automotive fuse blade, and insulated clamps.

part no.	specifications	range	warranty
19064854	audible	yes	2 year
	visual	yes	
	receiver storage	yes	
	belt clip	yes	
	tracer	yes	



Line Splitter

For use with any clamp meter. It features a 1X and 10X measuring capability. Probe slots for voltage measurement.

part no.	specifications	range
19107100	operational voltage	120V AC
	AC current	15A
	frequency	50/60Hz

Voltage Testers & Indicators



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INSTRUMENTS

Heavy-duty Voltage Tester

part no.	specifications	range
19000611	AC voltage	120–600V
	DC voltage	120–600V
	frequency	50–60Hz
	polarity	yes
	vibration	yes
	continuity	–
	CAT rating	III 600V
	certifications	CE
	warranty	2 year



SPERRY
INSTRUMENTS

Volt Doctor™ Voltage-Continuity Tester

part no.	specifications	range
19064762	AC voltage	120–600V
	DC voltage	120–600V
	frequency	50–60Hz
	polarity	yes
	vibration	yes
	continuity	yes
	CAT rating	III 600V
	batteries	(2) LR44
	certification	CE, UL
warranty	2 year	



SPERRY
INSTRUMENTS

Volt Check™ Voltage-Continuity Tester

part no.	specifications	range
19061000	contact AC voltage	24–600V
	non-contact AC voltage	50–600V
	DC voltage	6–220V
	frequency	50–60Hz
	polarity	yes
	continuity	yes
	audible	yes
	CAT rating	III 1000V, IV 600V
	batteries	(3) AAA
	certifications	CE
	warranty	2 year



SPERRY
INSTRUMENTS

Heavy-Duty, Voltage-Continuity Tester

part no.	specifications	range
19064748	AC voltage	80–480V
	DC voltage	80–480V
	frequency	60Hz
	polarity	yes
	continuity	yes
	CAT rating	III 600V
	batteries	(2) LR44
	certification	UL, CE
	warranty	2 year



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Randall

Circuit-Alert™ Non-Contact Voltage Tester

part no.	specifications	range
990995	AC voltage	50–600V
	audible	yes
	visual	yes
	batteries	included
	certification	UL



SPERRY
INSTRUMENTS

Non-Contact Volt Sensor™

part no.	specifications	range
19006504	AC voltage	50–1000V
	audible	yes
	visual	yes
	frequency	50–60Hz
	batteries	(1) AAA
	CAT rating	III 1000V, IV 600V
	warranty	2 year



SPERRY
INSTRUMENTS

Adjustable Non-Contact Volt Sensor™

part no.	specifications	range
19064793	AC voltage	12–1000V
	frequency	50–60Hz
	adjustable	yes
	audible	yes
	visual	yes
	CAT rating	III 1000V, IV 600V
	batteries	(1) AAA
	certification	CE, UL
	warranty	2 year



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GFCI Receptacle Tester & Circuit Analyzer

part no.	specifications	range
990980	operational voltage	120V AC
	ground fault test	6–9mA
	number of tests	7
	certification	UL, CSA



SPERRY
INSTRUMENTS

Stop Shock™ GFCI Circuit-Ground Analyzer

part no.	specifications	range
19064687	operational voltage	120V AC
	ground fault test	6–9mA
	frequency	60Hz
	number of tests	7
	CAT rating	III 300V,
	certification	UL, CSA
warranty	2 year	



GFCI Outlet Tester

part no.	specifications	range
19006302	operational voltage	120V AC
	ground fault test	6-9mA
	frequency	60Hz
	number of tests	7
	CAT rating	III 300V,
	certification	UL
	warranty	2 year



Range Voltage Tester

part no.	specifications	range
19006204	AC voltage	80-480V
	DC voltage	80-480V
	frequency	60Hz
	pocket clip	yes
	CAT rating	II 600V
	certification	UL, CE
	warranty	2 year



Single Range Voltage Tester

part no.	specifications	range
19064717	AC voltage	80-250V
	DC voltage	80-250V
	frequency	60Hz
	pocket clip	yes
	CAT rating	II 300V
	certification	UL, CE
	warranty	2 year



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Screwdriver-Voltage-Continuity Tester

part no.	specifications	range
19006401	AC voltage	12-250V
	DC voltage	12-250V
	continuity	yes
	visual	yes
	batteries	(2) LR44
	certifications	UL
	warranty	2 year



Heavy-Duty Continuity Tester

part no.	specifications	range
19064878	pocket clip	yes
	visual indication	yes
	batteries	(2) AAA
	warranty	2 year



5-in-1 Multi Scanner

part no.	specifications	range
19064816	operational voltage	120V AC
	non-contact AC voltage	50-600V
	frequency	60Hz
	circuit analyzer	yes
	GFCI	yes
	metal detection	yes
	metal studs	yes
	batteries	(1) 9-volt
	certifications	UL
	warranty	2 year



Circuit Breaker Finder

part no.	specifications	range
19064830	operational voltage	120V
	frequency	60Hz
	plug-in transmitter	yes
	visual	yes
	audible	yes
	insulated leads	yes
	socket adapter	yes
	batteries	(1) 9 volt
	certification	UL



Circuit Breaker Finder

part no.	specifications	range
19104444	operational voltage	80-140V AC
	frequency	60Hz
	visual	yes
	audible	yes
	batteries	(1) 9 volt

Multimeters



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ProMariner™



ProMariner Digital Hand-held Multimeter

The handheld digital multimeter provides excellent performance in a portable, durable housing with a large LCD display for clear visibility. With overall circuitry design centering on large-scale IC A/D converters in conjunction with over-load protection, the meter makes a great utility instrument. The meter can be used to measure DC & AC voltage, DC current, resistance, positive diode voltage fall and continuity.

part no.	specifications	range
987730	LCD display	3-1/2 digits, 16mm high characters
	power supply	9V battery, 6F22 or NEDA 1604
	operating temp	32° F to 104° F (relative humidity <85%)
	storage tem	14° F to 122° F (relative humidity <85%)
	guaranteed precision temp	73.4° F ±5° F (relative humidity <85%)
	dimensions	5.8" x 3" x 1.6" (with holster)

SPERRY INSTRUMENTS



4 Function Digital Multimeter

part no.	specifications	range	accuracy
19006200	DC voltage	200mV, 20, 200, 600	200mV & 600V (1.2%+2dgt) 20V 200V (1.0%+2dgt)
	AC voltage	200/500	2.5%+5dgt
	resistance	200, 2K, 20K, 200K, 2M	200Ω (1.5%+2dgt) 2K 20K 200K 2M (1.2%+2dgt)
	battery testing	(1.5V) 2000mV/(9V) 20V	1.0%+2
	CAT rating	III 600V	-
	batteries	(1) 9 Volt	-
	certification	ETL	-
	warranty	2 year	-

SPERRY INSTRUMENTS



7 Function Digital Multimeter

part no.	specifications	range	accuracy
19065264	DC voltage	200mV, 2V, 20V, 200V, 600V	200mV & 600V (1.0%+5dgt) 2V 20V 200V (0.5%+5dgt)
	AC voltage	200mV, 2V, 20V, 200V, 500V	500V (1.5%+5dgt) 2V 30V 200V (0.8%+5dgt)
	resistance	200, 2K, 200K, 2M, 20M	200Ω 20M (1.5%+2dgt) 2K 20K 200K 2M (1.0%+2dgt)
	battery testing	1.5V (2V)	-
	temperature	-40°F to 752°F	8%+5dgt
	diode test	yes	-
	continuity	yes	-
	CAT rating	III 600V	-
	batteries	(2) AAA	-
	certification	ETL	-
warranty	2 year	-	

SPERRY INSTRUMENTS



8 Function Digital Multimeter

part no.	specifications	range	accuracy
19065271	DC voltage	200mV, 2V, 20V, 200V, 1000V	200mV 2V 20V 200V (0.5%+2dgt) 1000V (0.8%+3dgt)
	AC voltage	2V, 20V, 200V, 750V	2V 20V 200V (0.8%+ 5dgt) 750V (1.0%+5dgt)
	DC amps	200uA, 2mA, 20mA, 200mA, 10A	200μA 2000μA 20MA 200mA (0.8%+2dgt) 10A (1.2%+5dgt)
	AC amps	200uA, 2mA, 20mA, 200mA, 10A	200μA 2000μA 20mA 200mA (1.0%+5dgt) 10A (1.2%+5dgt)
	resistance	200, 2K, 20K, 200K, 2M, 20M	200 2K 20K 200K 2M (0.8%+3dgt) 20M (1.2%+5dgt)
	battery testing	(1.5V) 2000mV/(9V) 20V	-
	diode test	yes	-
	continuity	yes	-
	CAT rating	III 600V, II 1000V	-
	batteries	(1) 9 volt	-
certification	ETL	-	



part no.	specifications	range	accuracy
19006450	DC voltage	400mV, 4V, 40V, 400V, 1000V	400mV (0.8%+3dgt) 4V 40V 400V (0.8%+1dgt) 1000V (1.0%+3dgt)
	AC voltage	4V, 40V, 400V, 750V	4V 40V 400V (1.0%+ 5dgt) 750V (1.2%+5dgt)
	DC amps	400µA, 4000µA, 40mA, 400mA, 4A, 10A	400µA 4000µA (1.0%+2dgt) 40mA 400mA (1.2%+3dgt) 4A 10A (1.5%+5dgt)
	AC amps	400uA, 4000uA, 40mA, 400mA, 4A, 10A	400µA 4000µA (1.2%+2dgt) 40mA 400mA (1.5%+3dgt) 4A 10A ±(2.0%+3dgt)
	frequency	10Hz–10MHz	0.1% +3dgt
	capacitance	40nF, 400nF, 4µF, 40µF, 100µF	40nF (3%+10dgt) 400nF, 4µF, 40µF (3%+5dgt) 100µF (4%+5dgt)
	resistance	400, 4K, 40K, 400K, 4M, 40M	400 4M (1.2%+2dgt) 4K 40K 400K (1.0%+2dgt) 40M (1.5%+2dgt)
	diode test	yes	–
	continuity	yes	–
	CAT rating	III 600V, II 1000V	–
	certification	ETL	–



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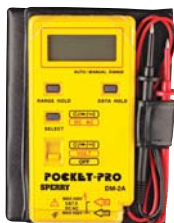
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True RMS 10 Function Digital Multimeter



part no.	specifications	range	accuracy
19006650	DC voltage	40mV/400mV/4V/40V/400V/1000V	40mV (1.2%+5dgt) 400mV (0.8%+3dgt) 4V 40V 400V (0.8%+1dgt) 1000V (1.0%+3dgt)
	AC voltage	40mV/400mV/4V/40V/400V/750V	40mV (1.2%+5dgt) 4V 40V 400V (1.0%+ 5dgt) 400mV 750V (1.2%+5dgt)
	non contact AC voltage	80–1000V AC	–
	DC amps	400uA/4000uA/40mA/400mA/4A/10A	400µA 4000µA (1.0%+2dgt) 40mA 400mA (1.2%+3dgt) 4A 10A (1.5%+5dgt)
	AC amps	400uA/4000uA/40mA/400mA/4A/10A	400µA 4000µA (1.2%+2dgt) 40mA 400mA (1.5%+3dgt) 4A 10A ±(2.0%+3dgt)
	resistance	400Ω/4K/40K/400K/4M/40MΩ	400 4M (1.2%+2dgt) 4K 40K 400K (1.0%+2dgt) 40M (1.5%+2dgt)
	capacitance	40nF/400nF/4uF/40uF/400uF/4000uF	40µF (3.0%+10dgt) 400µF 4µF 40µF (3.0%+5dgt) 400µF 40000µF (4.0% +5dgt)
	frequency	100Hz–10MHz	0.1%+3dgt
	diode test	yes	–
	continuity	yes	–
	CAT rating	IV 600V, III 1000V	–
batteries	(1) 9 Volt	–	
certification	ETL	–	

Pocket Pro® Digital Multimeter



part no.	specifications	range	accuracy
19102211	DC voltage	400mV/4V/40V/400V/450V	0.5%+3dgt
	AC voltage	400mV/4V/40V/400V/450V	1%+3dgt
	resistance	400Ω/4K/40K/400K/4000K/40MΩ	400–4000K (1%+3dgt) 40M (2.0%+3dgt)
	diode test	yes	–
	continuity	yes	–
	CAT rating	II 450V	–
	batteries	(2) LR44	–

5 Function Analog Multimeter

part no.	specifications	range	accuracy
19200382	DC voltage	0–10/50/150/300V	4.0%
	AC voltage	0–10/50/150/300V	5.0%
	DC current	0–0.5/50/150 mA	4.0%
	resistance	0–1M Ω	4.0%
	decibels	yes	-20dB to +56dB
	CAT rating	II 300V	–
	certification	ETL	–
	batteries	(1) AA	–



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GB
 Gardner
 Bender

6 Function, 19 Range Multimeter

part no.	specifications	range
991070	DC voltage	2.5, 10, 50, 250, 1000 volts
	AC voltage	10, 50, 250, 750 volts
	DC current	5, 50, 250mA, 10 amps
	resistance	10 megohms
	decibels	-8dB to +62dB on AC volt range
	battery test	1.5 V AA and 9 V
	accuracy	DC voltage $\pm 4\%$, AC voltage $\pm 5\%$ resistance $\pm 4\%$ arc of full scale
	sensitivity	20,000 Ohms/V DC, 8000 Ohms/V AC
	certification	UL


GB
 Gardner
 Bender

5 Function, 19 Range Digital Multimeter

part no.	specifications	range
991050	DC voltage	200m, 2000m, 20, 200, 1000 volts
	AC voltage	200, 750 volts
	DC current	10 amps
	resistance	2 megohms
	accuracy	DC voltage $\pm 7\%$, AC voltage $\pm 1.2\%$ DC current $\pm 1.5\%$, resistance $\pm 1\%$
	batteries	included
	certification	UL



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SPERRY
INSTRUMENTS



True RMS 6 Function Digisnap™ Digital Snap-Around

part no.	specifications	range	accuracy	resolution	overload protection
19102365	DC voltage	40/400/1000	$\pm 1\% \text{rdg} \pm 2 \text{dgt}$	10mV	1200V AC/DC
	AC voltage	40/400/750V	2.0%	100mV	1200V AC/DC
	DC current	400/1000A	$\pm 1.5\% \text{rdg} \pm 2 \text{dgt}$	100mA	2400A AC/DC
	AC current	400/1000A	1.5% $\pm 3 \text{dgt}$ (0–1700A)/ 3.5% $\pm 3 \text{dgt}$ (1701–2000A)	100mA	2400A AC/DC
	resistance	400/4000 Ω	$\pm 1.5\%$	100m Ω	600V AC/DC
	cont buzzer	0–600 Ohms	buzzer sounds @ 100 ohms or less		
	CAT rating	II 750VAC/ 1000DC, III 600V	–	–	–
	certification	CE	–	–	–
	batteries	AAA	–	–	–
	warranty	2 year	–	–	–

SPERRY
INSTRUMENTS



True RMS 10 Function Digital Snap-Around

part no.	specifications	range	accuracy	resolution	overload protection
19100989	DC voltage	600mV/6/60/600V	1% $\pm 3 \text{dgt}$	100 μ V	720V AC/DC
	AC voltage	6/60/600V	1.5% $\pm 4 \text{dgt}$	1mV	720V AC/DC
	DC current	600/1000A	$\pm 1.5\% \text{rdg} \pm 5 \text{dgt}$	100mA	1200A AC/DC
	AC current	600/1000A	2% $\pm 5 \text{dgt}$	100mA	1200A AC/DC
	resistance	600/6K/60K/600K/ 6M/60M Ω	1% $\pm 5 \text{dgt}$ (600–6M Ω) 5% $\pm 8 \text{dgt}$ (6M–60M)	100m Ω	600V AC/DC
	frequency	10/100/1000/10K	0.5% $\pm 5 \text{dgt}$	–	–
	diode test	yes	–	–	–
	cont buzzer	0–600 Ohms	buzzer sounds @ 100 ohms or less		
	capacitance	40nF–4000 μ F	2.5% $\pm 20 \text{dgt}$ (400nF–40 μ F) NA (40nF, 40 μ F–4000 μ F)		
	temperature	50° to 700°C/ 58° to 1292°F	°C $\pm 5^\circ$ / °F $\pm 9^\circ$		
	CAT rating	IV 600	–	–	–
	certification	CE	–	–	–
	batteries	AAA	–	–	–
	warranty	2 year	–	–	–



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SPERRY
INSTRUMENTS



7 Function Digital Snap-Around

part no.	specifications	range	accuracy	resolution	overload protection
19100927	DC voltage	600mV/6/60/600V	1% ±3dgt	100µV	720AC/DC
	AC voltage	6/60/600V	1.3% ± 4dgt	1mV	720AC/DC
	AC current	600A	1.5%rdg ± 5dgt	100mA	720AC
	resistance	600/6K/60K/ 600K/6M/60MΩ	1% ±5dgt (600~6MΩ) 5% ±8dgt (6M~60M)	100mΩ	600AC/DC
	frequency	10/100/1000/10K	0.5%	—	—
	diode test	yes	—	—	—
	cont buzzer	0–600 Ohms	buzzer sounds @ 100 ohms or less	—	—
	CAT rating	IV 600	—	—	—
	certification	CE, UL	—	—	—
	batteries	AAA	—	—	—
warranty	2 year	—	—	—	

SPERRY
INSTRUMENTS



6 Function Digital Snap-Around

part no.	specifications	range	accuracy	resolution	overload protection
19103386	DC voltage	400/600V	1.5%	100mV	720VAC/DC
	AC voltage	400/600V	2%	100mV	720VAC/DC
	DC current	40/400	3%±8dgt (0–40A) 4%±6dgt (40–400A)	10mA	480A
	AC current	40–400	3%±8dgt (0–40A) 4%±6dgt (40–400A)	10mA	480A
	resistance	400/4000Ω	2%	100mΩ	300VAC/DC
	cont buzzer	0–600 Ohms	buzzer sounds @ 100 ohms or less	—	—
	CAT rating	II 600, III 300V AC	—	—	—
	certification	CE, UL	—	—	—
	batteries	AAA	—	—	—
warranty	2 year	—	—	—	

SPERRY
INSTRUMENTS



5 Function Digital Snap-Around

part no.	specifications	range	accuracy	resolution	overload protection
19105526	DC voltage	400/600V	1.5%	100mV	720VAC/DC
	AC voltage	400/600V	2%	100mV	720VAC/DC
	AC current	40–400	2%	10mA	480A
	resistance	400/4000Ω	2%	100mΩ	300VAC/DC
	cont buzzer	0–600 Ohms	buzzer sounds @ 100 ohms or less	—	—
	CAT rating	II 600, III 300V AC	—	—	—
	certifications	CE, UL	—	—	—
	batteries	AAA	—	—	—
warranty	2 year	—	—	—	



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25SPP.RV

Cordsets

Constructed from heavy-duty, super flexible, 10-gauge marine-grade cable that is rated to 30 amps. All models include a standard threaded ring for use on ordinary threaded inlets. All cordsets are UL and CSA rated and feature a 5-year manufacturer warranty.

part no.	description	style
25SPP.RV	25' 125V @ 30A power cord plus cordset	RV
30SPP.RV	30' 125V @ 30A power cord plus cordset	RV
50SPP.RV	50' 125V @ 30A power cord plus cordset	RV
19014100	25' 125/250V @ 50A power cord plus cordset	RV
19012100	50' 125V @ 30A power cord plus cordset	marine
19012103	50' 50A, 125/250V power cord plus cordset	marine



Right Angle Cordset

Allow for right angle detachable connections to provide minimal cordset protrusion from inlets for more clearance in tight RV spaces. The cordset is constructed from heavy-duty, super flexible, 10-gauge marine-grade cable that is rated to 30 amps. The right angle cordset includes a standard threaded ring for use on ordinary threaded inlets.

part no.	description
30RPCRV	30A right angle cordset



150BBI.RV

Inlets

Industry standard power hook-ups for RVs. Offered in two basic styles, stainless steel and glass-filled nylon. Stainless steel inlets are solid cast marine-grade 316 stainless steel and include a heavy-duty cap strap for strength and durability.

part no.	description	rating
150BBI.RV	RV round, black	15A @ 125V
150BBIW.RV	RV round, white	15A @ 125V
200BBI.RV	RV round, black	20A @ 125V
200BBIW.RV	RV round, white	20A @ 125V
303SSEL-BRV	RV round, stainless steel	30A @ 125V
304EL-BRV	RV square contoured, white	30A @ 125V
301ELRV	RV round, white	30A @ 125V
19014102	RV square, white	50A @ 125/250V
19012102	marine square, white	50A @ 125



104SPPRV

Pigtail Adapters

Allow you to connect from your RV receptacle to one inlet or equipment of dissimilar power configuration.

part no.	description	rating	
		to	from
104SPPRV	locking female to straight blade male	30A @ 125V	15A @ 125V
150SPPRV	3-pole, 4-wire locking female to male	50A @ 125/250V	15A @ 125V
1PCMRV	locking female to 2-pole, 3-wire male	30A @ 125V	30A @ 125V
124ARV	locking female to 2-pole, 3-wire male	50A @ 125/250V	30A @ 125V
124ARV-25	locking female to 2-pole, 3-wire male, 25'	50A @ 125/250V	30A @ 125V



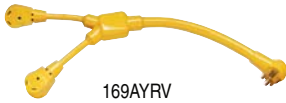
Right Angle Adapter

Converts your existing 30A detachable power cord from a straight connection to a right angle connection. The GripLock™ handle design allows for easy hook-up and correct blade alignment with the inlet, even in darkness. The right angle adapter includes sealing collar for maximum moisture protection between connector and cordset.

part no.	description	rating	
		to	from
1RPCRV	locking female to locking male	30A @ 125V	30A @ 125V

“Y” Adapters

Allow you to split one 50A 125/250V 3-Pole, 4-Wire pedestal receptacle between two 30A 125V female inlets.



169AYRV

part no.	description	rating		Style
		to	from	
169AYRV	"Y" adapter, female 2-pole, 3-wire, to 3-pole, 4-wire	2 - 30A @ 125V	50A @ 125/250V	RV
19012108	"Y" adapter, female to male	2 - 50A @ 125V	50A @ 125/250V	RV
19012117	"Y" Adapter, 50A, 125/250V Male to 2-30A Female	2 - 50A @ 125V	50A @ 125/250V	marine
19012111	Reverse "Y" Adapter, 50A, 125/250V Male to 2-30A Female	50A @ 125/250V	30A @ 2 - 125V	marine

Generator Adapters

Allows you to connect a standard RV cordset to different types of electrical receptacles found on portable generators. Attach the female side of the adapter to the male plug of the cordset and plug the male adapter to the portable generator receptacle.



126A

part no.	description	rating	
		to	from
126A	male 3 prong, straight blade	female: 30A @ 125V	male: 20A @ 125V
127A	male 3 prong, locking	female: 30A @ 125V	male: 20A @ 125V
128A	male 4 prong, locking	female: 30A @ 125V	male: 20A @ 125/250V
125A	male 3 prong, locking, UL approved	female: 30A @ 125V	male: 30A @ 125V
172ARV	1' male 4 prong, locking	female: 30A @ 125V	male: 30A @ 125/250V

Straight Generator Adapters

Allow you to connect a standard RV cordset to different types of electrical receptacles on portable generators. All adapters feature a LED power indicator. **NOTE: Not recommended for use in wet areas.**



73541

part no.	description	rating	
		to	from
73541	30A Male Locking to 15/20A Female Straight	female: 15/20A @ 125V	male: 30A @ 125V
73545	15A Male Straight Blade to 30A Female Locking	female: 30A @ 125V	male: 15A @ 125V
73547	15A Male Straight Blade to 50A 125/250V Female Locking	female: 50A @ 125/250V	male: 15A @ 125V

Straight Blade Adapters

Feature extra wide grip handles and 10/3 heavy-duty marine-grade cable. Color-coded plugs and connectors take the guesswork out of connecting the correct electrical ends. Straight blade adapters are not water resistant. 5-year manufacturer warranty.



part no.	description	rating	
		to	from
1530ARV	straight blade adapter	female: 30A @ 125V	male: 15A @ 125V
3015ARV	straight blade adapter, male 2-pole, 3-wire	female: 15A @ 125V	male: 30A @ 125/250V
5030ARV	straight blade adapter, male 3-pole, 4-wire	female: 30A @ 125V	male: 50A @ 125/250V

Female Connectors

Designed to be used with power inlets from ParkPower®. They are manufactured from high quality, corrosion resistant material for long life. Connectors are UL and CSA rated.



305CRV

part no.	description	rating
305CRV	female connector	30A @ 125V
6364CRV	female connector	50A @ 125/250V
5369CR	female connector	20A @ 125V



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30MPPRV

Male Plugs

Designed for use with 10 ga., 30A RV cable. They are constructed of extremely tough, glass-filled nylon material for weather resistance. The wide grip handle allows users to safely and easily remove the plug from the outlet. A cord strain relief firmly secures the cable connection and prevents wire disconnects over time. Matches standard RV outlets. Meets NEMA standard TT-30P.

part no.	description	rating
30MPPRV	right angle male replacement plug	30A @ 125V
19012106	straight, 3-pole, 4-wire	50A @ 125/250V



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Power Pedestal Electrical Outlet Receptacle

This 50 Amp power pedestal 125/250V outlet receptacle is designed to replace or add an additional outlet in a dockside or campground power pedestal. The outlet can be used in most manufacturers' power pedestals.

part no.	description	rating
19012112	dockside receptacle, 3-pole, 4-wire	50A @ 125/250V



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103RV

Weatherproof Covers

Protect the connection of female connector and RV inlet. The Easy Lock™ system quickly locks the cover to the inlet in just 1/8 of a turn. The threaded sealing ring will fit a standard threaded inlet. Both covers will work with ParkPower® 305CRV.

part no.	description	rating
103RV	weatherproof cover w/sealing ring	30A @ 125V
103ELRV	weatherproof cover w/Easy Lock™ sealing ring	30A @ 125V



12VRCRV

12 Volt Power Products

Manufactured from corrosion resistant marine-grade material. These products feature the unique interconnecting system that securely locks the plug and receptacle, providing a positive connection and moisture resistant seal. Exclusive to ParkPower®. The plug and receptacle feature optimized metal connection points of maximum connectivity. All products are compatible with standard 12V plugs and receptacles.

part no.	description
12VRCRV	deluxe 12V receptacle
12VADRV	deluxe 12V dual outlet cord
12VPGRV	deluxe 12V plug
12VXTRV	deluxe 12V extension cord
12VPKRV	deluxe 12 volt receptacle & plug
12BKT	SeaLink® mounting bracket
19012104	deluxe 12V snap-in receptacle
19012107	deluxe 12V receptacle with old style ring
19012113	deluxe 12V receptacle and mounting pad
73543	12-24V dual USB with mounting plate
73544	12V dual USB & receptacle with mounting plate



TV97



USB A6

TV Outlet, USB Port And HDTV/Internet Cable Cord

Spring-loaded lift cover, a weatherproof closure and fits FS and FD boxes. The USB port features a USB cable with weatherproof cap and includes 6 feet of USB port cable. The HDTV/Internet cable has weatherproof F-type connections on both ends. The 50 foot yellow cable cord is rated to 75 ohms, with a 3GHz, RG6 quad shield and gasket sealed.

part no.	description
TV97	cable TV outlet
USBA6	USB port
TVHDRV	HDTV/internet cable



30ARVKIT

Conversion Kit

Converts the 30A hard-wired power hook-up, to a detachable hook-up. The conversion kit features the Easy Lock™ system and is manufactured from corrosion resistant material. Kit includes the following ParkPower® items: inlet 304EL-BRV, 30A female connector 305CRV, comfort grip 103RV weatherproof cover, mounting adapters and gaskets, metal ring cover, electrical box and strain relief.

part no.	description	rating
30ARVKIT	conversion kit	30A



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905700010

Kwikkee Battery Trays

Provide easy pull-out so there is no need to twist, bend, or contort the body to gain access to your batteries. Easily load, maintain, service, and access the items you need with these heavy-gauge trays. Ball and roller bearing slides provide smooth operation. A safety latch mechanism locks slide for safe storage. Tray comes assembled and ready to bolt in.

part no.	description	weight capacity (lbs)	inside dimensions	outside dimensions
905700010	standard-duty battery tray	130	14"W x 13"D	15½"W x 15½"D x 3⅝"H
905701010	standard-duty battery tray	130	13"W x 14¼"D	14⅞"W x 15½"D x 3⅝"H
905702010	standard-duty battery tray	130	14"W x 13"D	15½"W x 15½"D x 2¾"H
905703010	standard-duty battery tray	130	14"W x 12⅞"D	15⅜"W x 13"D x 2½"H
905703013	standard-duty battery tray	130	7¾"W x 12⅝"D	9"W x 13½"D x 2½"H
905722000	standard-duty battery tray	130	13"W x 15⅞"D	14⅞"W x 16⅜"D x 3⅝"H
905731010	standard-duty battery single pack	130	—	12¼"W x 15½" x 2½"
905705000	heavy-duty battery tray	200	13⅞"W x 21⅞"D	15⅞"W x 24"D x 3⅞"H
905706000	heavy-duty battery tray	200	14¼"W x 14¼"D	16⅞"W x 16⅞"D x 3⅞"H
905707000	heavy-duty battery tray	200	22⅞"W x 22⅞"D	25⅞"W x 24⅞"D x 3⅞"H
905708000	heavy-duty battery tray	200	20"W x 13⅞"D	22¼"W x 15¼"D x 3⅞"H
905709000	heavy-duty battery tray	200	14⅜"W x 21"D	16⅞"W x 22⅞"D x 3⅞"H
905711000	heavy-duty battery tray	200	22⅞"W x 17⅞"D	24⅞"W x 18⅞"D x 3⅞"H
905714000	heavy-duty battery tray	200	15⅞"W x 16⅞"D	17⅞"W x 18⅞"D x 3⅞"H
905723000	heavy-duty battery tray	200	21"W x 13⅞"D	23⅞"W x 15⅞"D x 3⅞"H
908323000	battery tray strap		33"	33"



905570000

Kwikkee Refrigerator Trays

Make access to freezer and extra refrigerator storage more convenient. The ball and roller bearings provide smooth and easy glides for access. An opening in the bottom of the tray accommodates drainage and circulation. A safety latch mechanism locks slide for safe storage. Tray comes assembled and ready to bolt in.

part no.	description	weight capacity (lbs)	inside dimensions	outside dimensions
905570000	refrig/freezer tray – wide	200	31½"W x 20⅞"D	33¼"W x 28⅞"D x 3⅞"H
905571000	refrig/freezer tray – deep	200	14½"W x 25½"D	16¾"W x 28⅞"D x 3⅞"H
905572000	refrig/freezer tray – wide	200	25¼"W x 14⅝"D	27½"W x 18⅞"D x 3⅞"H



905563000

Kwikkee LP Tank Trays

Make easy access for refilling or changing your LP tanks. Each has a smooth ball and roller bearing for effortless tray actuation. The powder coat finish helps protect the heavy-gauge steel construction and provides an aesthetically pleasing appearance. An adjustable center rod secures LP tanks. Tray comes assembled and ready to bolt in.

part no.	description	tank capacity (gal)	inside dimensions	outside dimensions
905563000	LP tank tray-front-to-back	200 lbs–7 gal	11⅞"W x 24"D	13⅞"W x 25⅞"D x 2¼"H



905853002

Kwikkee Cargo Tray Slides - Super Slides

Designed to provide extra storage drawers. These slides fit almost any sub-floor compartment. The fixed position, heavy-duty roller bearings provide smooth operation. A spring loaded latch locks the slide in three positions. Width is defined by the size of the compartment. Super Slides ship with side slide assemblies and end pieces. Floor and carpeting not included. Trim kit is optional.

part no.	description	weight capacity (lbs)	length
905853002*	1-way super slide – aftermarket package	1,000	36"
905850002*	1-way super slide – aftermarket package	1,000	42"
905851002*	1-way super slide – aftermarket package	1,000	48"
905852002*	1-way super slide – aftermarket package	1,000	54"
905855002*	1-way super slide – aftermarket package	1,000	60"
905856002*	1-way super slide – aftermarket package	1,000	70"
905858002*	2-way super slide, U-channel	1,000	80"
905857002*	2-way super slide, "L" brackets	1,000	90"
905857012	2-way super slide, right hand assembly only	1,000	90"

* trim kit included



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905893000

Kwikkee Cargo Tray Slides - Super Slides II

Build the storage drawer to fit your needs. Corrosion-resistant roller bearing action, "big load" weight capacity, and narrow sides make these slides a great storage solution. The Super Slide II handles up to 800 lbs in compartment depths from 36" to 90". Trim kit is required.

part no.	description	weight capacity (lbs)	length
905893000	1-way pull super slide II	800	36"
905890000	1-way pull super slide II	800	42"
905891000	1-way pull super slide II	800	48"
905892000	1-way pull super slide II	800	54"
905895000	1-way pull super slide II	800	60"
905849800	2-way pull super slide II	800	80"
905849900	2-way pull super slide II	800	90"



905901000

Kwikkee Cargo Tray Slides - Heavy-Duty Slides

A variety of depths available and the ability to create the exact width you need by bolting in the plywood platform. Cover with carpet, rubber matting or vinyl and slide is complete. The industrial grade ball-bearing slide provides a smooth action and support with 100% pull-out strength. You determine the plywood width per your application. Trim kit is optional.

part no.	description	weight capacity (lbs)	length	latches
905901000	heavy-duty slide assembly	200	12"	right side
905902000	heavy-duty slide assembly	200	16"	right side
905916000	heavy-duty slide assembly	200	22"	right side
905966000	heavy-duty slide assembly	400	22"	right side
905918000	heavy-duty slide assembly	200	30"	right side
905968000	heavy-duty slide assembly	300	30"	right side
905988000	heavy-duty slide assembly	450	30"	both sides



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905800010

Ball Slide Rails

Replace existing or damaged slides. They are extremely durable slide kits and feature a ball bearing slide for smooth and effortless actuation.

part no.	description	weight capacity (lbs) per pair	depth
905800010	ball slide rail – pair	200	12"
905801000	ball slide rail – sold individually	200	16"
905802000	ball slide rail – sold individually	200	22"
905804000	ball slide rail – sold individually	200	30"
905806000	ball slide rail – sold individually	300	22"



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905860000

Kwieke Cargo Tray Trim Kits - Super Slide Trim

Specifically designed to be used with Super Slides and Heavy-Duty Slides.

part no.	description
905860000	35 $\frac{3}{4}$ " trim pieces
905862000	48" U-channel
905865000	32" trim pieces
905867000	54" L-channel



905849017

Kwieke Cargo Tray Trim Kits - Super Slide II Trim

Specifically designed to be used with Super Slide II. Order trim kit to desired compartment width less 4". Trim kit includes (2) end trim pieces, jig kit and (3) mid-rails. You will need to add plywood and carpet.

part no.	description	Trim Kit End Piece Width	Compartment Opening
905849017	Super Slide II trim kit	17"	21"
905849019	Super Slide II trim kit	19"	23"
905849021	Super Slide II trim kit	21"	25"
905849023	Super Slide II trim kit	23"	27"
905849024	Super Slide II trim kit	24"	28"
905849027	Super Slide II trim kit	27"	31"
905849030	Super Slide II trim kit	30"	34"
905849032	Super Slide II trim kit	32"	36"
905849033	Super Slide II trim kit	33"	37"
905849035	Super Slide II trim kit	35"	39"
905849036	Super Slide II trim kit	36"	40"
905849037	Super Slide II trim kit	37"	41"
905849039	Super Slide II trim kit	39"	43"
905849041	Super Slide II trim kit	41"	45"
905849042	Super Slide II trim kit	42"	46"
905849044	Super Slide II trim kit	44"	48"
905849048	Super Slide II trim kit	48"	52"
905849051	Super Slide II trim kit	51"	55"



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902809025



903209025



902409000

Electric Steps

Manufactured from heavy-gauge steel and designed to handle up to 750 lbs. They feature 3/4" solid steel drive rods and stainless steel bushings. The powder coat finish provides a corrosion resistance over bare metal and an aesthetically pleasing look. Includes the IMGL (Integrate-Motor-Gearbox-Linkage) and appropriate size motor.

part no.	description	series	rise	run	bolt pattern
single thread steps					
902809025	23 3/4" tread, IMGL, 9510 control, switch kit #905325000	28	7"	10"	6.5" x 22"
903609025	30" tread, IMGL, 9510 control, switch kit #905325000	36	5"	10.75"	8" x 26"
double thread steps					
903209025	24" tread, IMGL, 9510 control, switch kit #905325000	32	7"	9"	8" x 22"
903409025	30" tread, 9510 control switch kit #905325000	34	7"	9"	8" x 26"
triple thread steps					
902409000	30" tread, contains step control, no switches	24	8"	9"	8" x 26"
902509000	24" tread, contains step control, no switches	25	8"	9"	8" x 22"



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909770000

RV Step Motor Kits/Update Kits

The upgrade kit includes the IMGL (Integrate-Motor-Gearbox-Linkage), control unit, door switch and is designed to update your original step motors on all 1999-2005 year step models. Kits are available in A, B or C linkage. To determine the proper kit needed, locate the step series on your step identification plate. **Note: Door switch must be changed with kit upgrade.**

part no.	description	step series
909770000	"A" linkage, IMGL and control unit	22, 23, 30, 32, 33-36, 38, 40
909772000	"B" linkage, IMGL and control unit	28, 31, 37, 39
909776000	IMGL and control unit	25



1101428

Kwikkee Motion - 2006 to Current IMGL - IMGL Replacement Step Motor

The IMGL (Integrate-Motor-Gearbox-Linkage) replacement motor can be used to replace IMGL's on steps manufactured from 2006 to current model years. To determine the proper kit needed, locate the step series on your step identification plate.

part no.	description	step series
1101428	motor and screws for new IMGL steps	22, 23, 26, 28, 30-40, 42, 44, 47



1101425

Kwikkee Linkages - 2006 to Current (IMGL) - IMGL Gear/Linkage Replacement Kit

The IMGL gear/linkage is a direct replacement for steps manufactured from 2006 to current model years or those already with IMGL upgrade kits. This is the replacement gear and linkage and does not include the IMGL motor or IMGL 9510 control unit.

part no.	description	step series
1101425	gear & linkage kit A	22, 23, 30-36, 38, 40
1101426	gear & linkage kit B	28, 31, 37, 39
1101427	gear & linkage kit C	26



909510000

Kwikkee 9510 Step Control Unit - 2006 to current (IMGL) - IMGL 9510 Step Control Unit

The IMGL (Integrated-Motor-Gearbox-Linkage) 9510 step control unit is designed to work on all step series manufactured after 2006 model years. Kit works only with a normally open door switch. To determine the proper kit needed, locate the step series on your step identification plate.

part no.	description	step series
909510000	control for IMGL/9510 control steps	22, 23, 26, 30-40, 42, 44, 47



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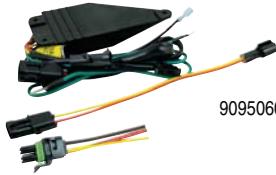


905205000

Cotter & Clevis Pin

A low cost option for simple cotter and clevis pin kit replacement. For steps made from 2006 to current.

part no.	description
905205000	cotter & clevis pin



909506003

Kwikee 9510 Step Control Unit - Prior to 2006 (PRE - IMGL) - 9510 Control Unit (Pre-IMGL)

The 9510 control unit is designed to replace the control units on the "pre-IMGL" step units that were manufactured from 1999 to 2005. It is designed to be used with the normally closed white magnetic door switches.

part no.	description
909506003	control unit for pre-IMGL/9510



909520000

Kwikee Motor - Prior to 2006 - Motor Replacement Kit (Pre-IMGL)

This motor replacement kit is designed for pre-IMGL step units that were manufactured from 1999 to 2005 model years. The kit includes a wire connection harness.

part no.	description
909520000	motor replacement kit



909534000

Kwikee Linkage - Prior to 2006 - Linkage Kit (Pre-IMGL)

These linkage kits are designed to replace linkage on pre-IMGL step units that were manufactured from 1999 to 2005 model years and can only be used with 909502000 or 3000 motors. The kit includes the linkage, coupler and cover.

part no.	description
909534000	linkage kit A
909533000	linkage kit B
909532000	linkage kit C



905328000

Plunger Door Switch

A magnetic switch that operates steps. The plated switch is hinge mounted.

part no.	description
905302000	Switch, Plated Plunger Door Switch, NC
▶ 905328000	Switch, Plated Plunger Door Switch, NO

▶ new product line extension

Magnetic Door Switches

Offered in several different styles. Choose from either round or rectangular versions. Both are manufactured in neutral white. Switch is used to automatically raise or lower steps.



905327000



905323000



905326000

part no.	description
905306000	Switch, Large Rectangular Magnetic Door Switch, White, NC
▶ 905326000	Switch, Large Rectangular Magnetic Door Switch, Black, NO
905312000	Switch, Miniature Rectangular Magnetic Door Switch, White, NC
▶ 305323000	Switch, Miniature Rectangular Magnetic Door Switch, Black, NO
905307000	Switch 3/8", Core Round Magnetic Door Switch, White, NC
▶ 905327000	Switch 3/8", Core Round Magnetic Door Switch, Black, NO
905314000	Switch 3/4", Core Round Magnetic Door Switch, White, NC
▶ 905324000	Switch 3/4", Core Round Magnetic Door Switch, Black, NO

▶ new product line extension



90900400

Step Light

Helps illuminate the stairs when the sun goes down. Light can be used with any series of stairs.

part no.	description
909004000	under step light

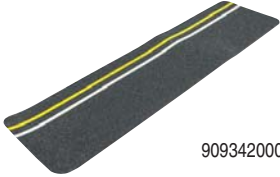


909306000

4-Way Harness Plugs

Pre-wired harnesses with male Weatherpack connectors. Harness is manufactured with 12" of one red 10 ga. and three 16 ga wire.

part no.	description
909306000	wiring harness



909342000

Step Tread

Replaces existing worn-out step treads. All styles feature an adhesive back with non-skid tread.

part no.	description	ID
909342000	glow in the dark step tread	6"D x 21"W
909334000	non-skid step tread	8"D x 25"W
909331000	non-skid step tread	6"D x 21"W
909540000	non-skid step tread-yellow	8"D x 33"W
909335000	non-skid step tread	8"D x 33"W



909518000

The Test Control Kit

Provides diagnostics for RV step service. Isolates step function from RV power and wiring, allowing you to pin point the problem. Replace only the necessary parts.

part no.	description
909518000	KWIK TEST control unit test box



905068000

Spray Lube

A penetrating aerosol fluid that changes to a tough, protective grease in minutes. The lube helps prevent steps from rusting and helps reduce wear.

part no.	description	size
905068000	lube, single can	11 oz
905069000	lube, twelve can case	11 oz



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104363	262	12016200	195	12200212	55	13016055	196	14061129	79	1443	276
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108867	263	12030110	195	12310308	194	13064013	197	14064200	78, 94, 95	14621201	80
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