### **LIQUID CHARGER**



Liquid charging is recommended when charging blends into refrigeration and air conditioning systems, and a liquid charger adapter is necessary for safe and fast liquid charging through the low pressure side of a system.

- The adapter connects to the cylinder valve or refrigerant can
- To protect the compressor, adapter orifice reduces liquid flow to a level below compressor capacity
- Eliminates the time and work of heating cylinders

MADE II

UPC#	Description
41123	1/4" Liquid charging adapter
41124	5/16" Liquid charging adapter
41132	1/4" "O" ring and orifice
41138	5/16" "O" ring and orifice

#### "O" RING LUBRICANT

To lubricate "O" rings in manifolds when pistons or "O" rings are being replaced. Use sparingly.



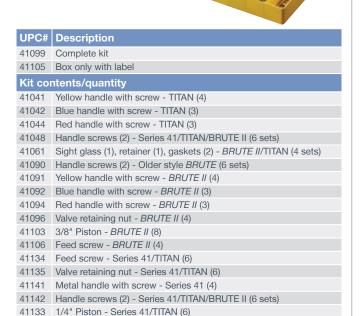
MADE IN

UPC# Description

41118 "O" ring lubricant (0.75 oz.)







#### **MANIFOLD CARRYING CASES**



Heavy duty blue blow- molded cases are available in four different manifold/hose configurations. Includes handle and a long life top hinge. MADE IN THE USA

UPC#	Description
40263	Series 41 case – 12 1/4" x 8" x 4 1/4"
40822	Case for <i>BRUTE™II</i> and Refrigeration System Analyzer (40815) – 6-1/2" x 17" x 14"

#### MANIFOLD PARTICULATE FILTER

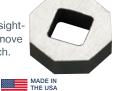


As manifold usage changes with more recovery change outs, more particulate matter is drawn through manifolds. Trap the particles with these fittings before they damage valve seats or pass into your MADE IN THE USA recovery equipment. Replaceable, cleanable screens.

UPC#	Description
41119	1/4" Manifold particulate filter
41120	3/8" Manifold particulate filter
41121	1/2" Manifold particulate filter
41122	Replacement filter screen (5 pak)

### **SIGHT GLASS TOOL**

Designed to fit into the TITAN and BRUTE II sightglass retainers, metal insert allows you to remove or tighten the retainer using a 1/4" drive wrench.



UPC# Description 41095 Sight glass tool for TITAN/BRUTE

# SINGLE GAUGE MANIFOLD

- Check pressure on lo-side of system
- Nylon seals and double "O" ring pistons

UPC#	Description
40318	Lo-side manifold R-12/22/502
40319	Lo-side manifold R-134a/404A/407C
40320	Lo-side manifold R-410A
40326	Lo-side 1/4" valve R-32/410A
40338	Lo-side manifold R-600A
40339	Hi-side manifold R-600A/600/290
40340	Lo-side manifold R-600A/600/290
40349	Low-side manifold R-600a/290



## **SINGLE TEST GAUGES**

Quick pressure checks - use lo- or hi-side gauge with quick coupler to attach directly to system or tanks. MADE IN THE USA



11201#	Description	٦n
$\mathbf{O}_{\mathbf{I}}$		-

	Gauge	with quick coupler and 12" nose - angle coupling
	14811	12" Red hose 1/4" Male flare x 45° quick coupler
	14821	12" Blue hose 1/4" Male flare x 45° quick coupler
	19110	Quick coupler only
Gauge with 19110 quick coupler for recovery tank pressure check		
	10001	5 1 05

Gauge with 19110 quick coupler for recovery tank pressure checks	
40331	Red pressure °F
40332	Blue compound °F
40341	Red pressure w/quick coupler & hose
40342	Blue compound w/quick coupler & hose
19110	Quick coupler only
40334	Red pressure °F; 0 - 800 psi; R-22/404A/410A
40335	Blue compound °F; 0 - 800 psi; R-22/404A/410A
40344	Red pressure °F; 0 - 800 psi; R-22/404A/410A; with quick coupler and hose
40345	Blue compound °F; 0 - 800 psi; R-22/404A/410A; with quick coupler and hose