

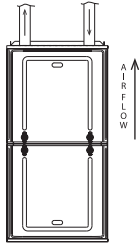
FIELD CONVERSION TO VARIOUS CONFIGURATIONS

Furnaces can be converted in the field from upflow (as-shipped) to downflow, horizontal left or horizontal right as necessary. In addition, there are different venting options, including a zero-clearance option, to give the installer flexibility in locating the venting for this furnace.

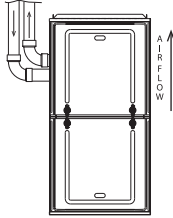
LISTS OF MATERIALS FOR PARTS BAGS AND CONVERSION KITS. Pg 2

GENERAL CONVERSION INSTRUCTIONS AND TIPS Pg 3

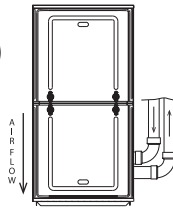
UPFLOW WITH VERTICAL VENT Pg 4-5



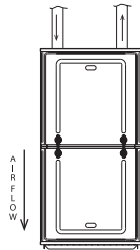
UPFLOW WITH LEFT SIDE VENT (REQUIRES CONVERSION KIT RXGY-CK) Pg 6-7



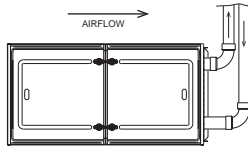
DOWNFLOW WITH RIGHT VENT (NON-ZERO CLEARANCE) (REQUIRES CONVERSION KIT RXGY-CK) Pg 8-11



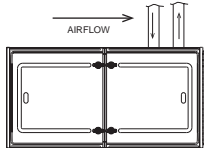
DOWNFLOW ZERO-CLEARANCE (REQUIRES CONVERSION KIT RXGY-CK AND ZERO-CLEARANCE KIT RXGY-ZK) Pg 12-16



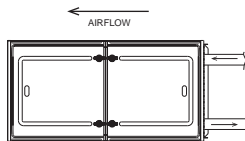
HORIZONTAL RIGHT WITH RIGHT VENT (REQUIRES CONVERSION KIT RXGY-CK) Pg 17-19



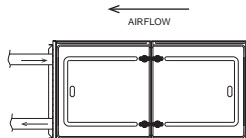
HORIZONTAL RIGHT WITH VERTICAL VENT (REQUIRES CONVERSION KIT RXGY-CK) Pg 20-22



HORIZONTAL LEFT WITH RIGHT VENT (REQUIRES CONVERSION KIT RXGY-CK AND ZERO-CLEARANCE KIT RXGY-ZK) Pg 23-27



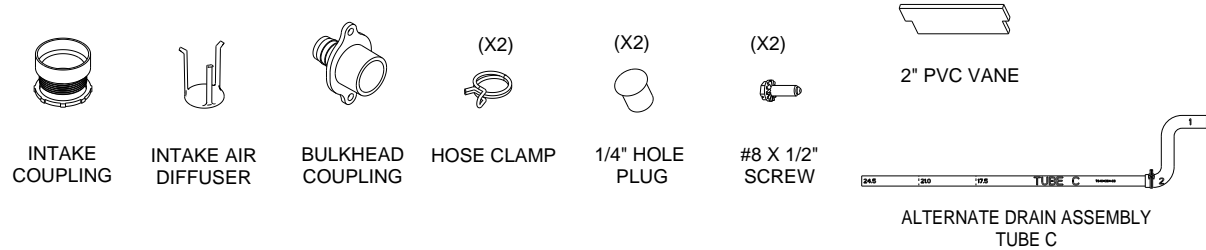
HORIZONTAL LEFT WITH LEFT VENT (REQUIRES CONVERSION KIT RXGY-CK) Pg 28-30



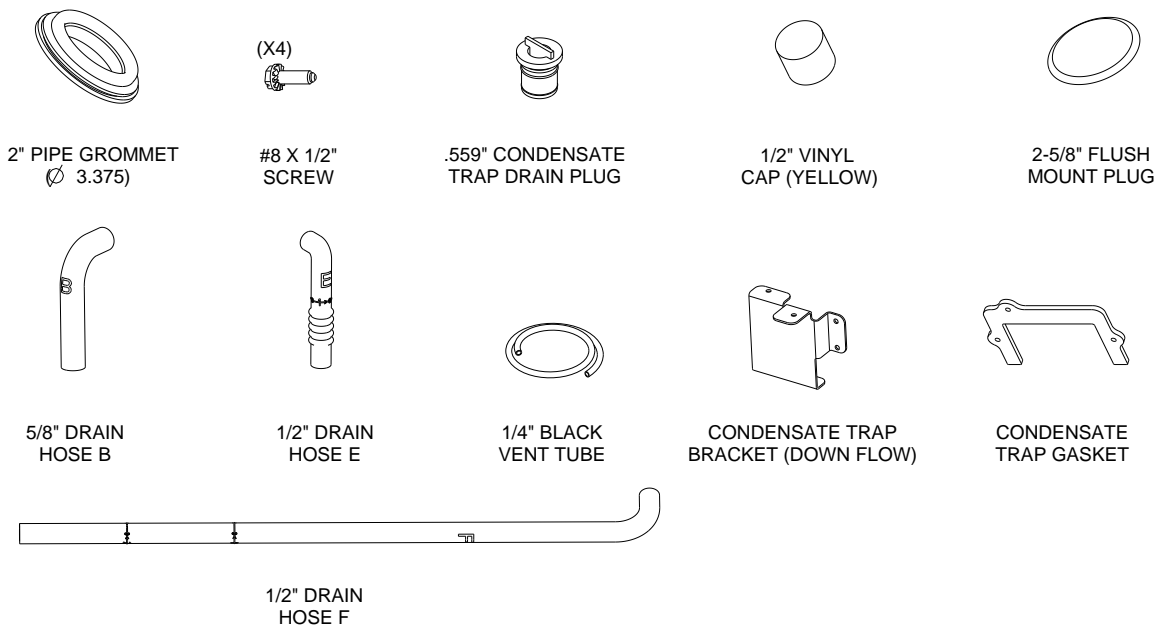
PARTS BAG AND CONVERSION KITS LISTS OF MATERIALS

GENERAL PARTS REQUIRED FOR CONVERSIONS

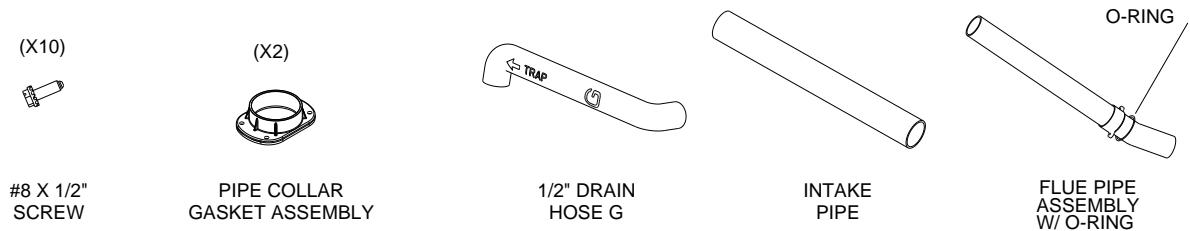
PARTS BAG (PROVIDED WITH UNIT)



CONVERSION KIT RXGY-CK



CONVERSION KIT RXGY-ZK

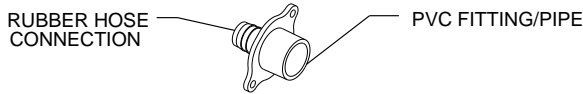


GENERAL CONVERSION INSTRUCTIONS AND TIPS

CONDENSATE PVC/HOSE OPTIONS

BULKHEAD COUPLING

CONDENSATE DRAINAGE HAS OPTIONS FOR 3/4" OR 1/2" PVC CONNECTIONS. THE BULKHEAD COUPLING CONNECTS THE RUBBER HOSES FROM INSIDE THE UNIT TO THE PVC PIPE EXTERIOR OF THE UNIT. PVC PIPE CAN BE CEMENTED DIRECTLY TO THE COUPLING AND THE TRAP WITH PROPER PVC CEMENT AND PRIMER.



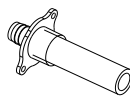
3/4" PVC COUPLING



3/4" PVC TEE

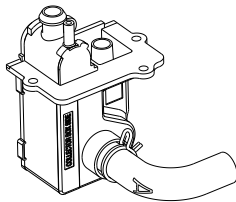


1/2" PVC PIPE



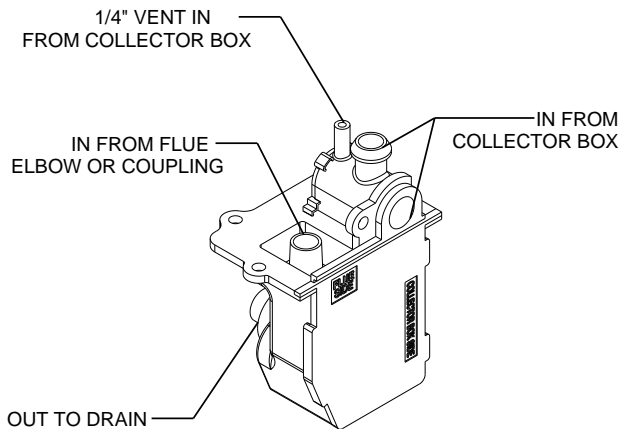
CONDENSATE TRAP

IN ADDITION TO PVC CONNECTIONS, THE CONDENSATE TRAP CAN ACCOMMODATE A 5/8" RUBBER HOSE WITH A HOSE CLAMP WHEN LOCATED INSIDE THE UNIT.



THE CONDENSATE TRAP HAS 2 SIDES PLEASE NOTE THEIR LOCATIONS FOR DRAIN CONNECTIONS DURING CONVERSION.

NOTE: IMPROPER HOSE CONNECTIONS WILL PREVENT CONDENSATE FROM DRAINING AND MAY DAMAGE FURNACE.



CONVERSION AND INSTALLATION CONSIDERATIONS

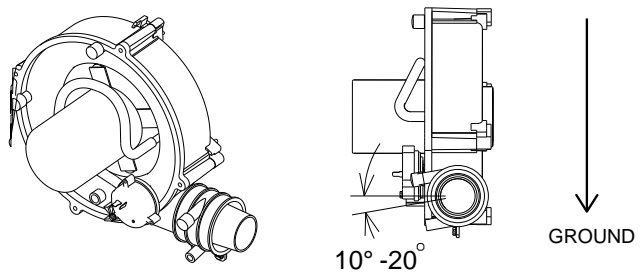
ALL CONVERSIONS REQUIRE THE CONDENSATE PLUMBING TO HAVE DECLINE IN THE DIRECTION OF THE WATER FLOW.

WHEN INSTALLING AND MOVING CONDENSATE PLUMBING THE HOSES SHOULD BE FREE OF KINKS FOR PROPER WATER FLOW.

WHEN DRAIN HOSE OR CONDENSATE TRAP HOSE ROUTING CHANGES ARE NECESSARY BE SURE TO PLUG OR CAP ANY UNUSED HOSE TAPS.

THE INDUCER COUPLING COMES FROM THE FACTORY WITH A 10° TILT FOR UP FLOW INSTALLATIONS. WHEN CONVERTED TO DOWN FLOW THE COUPLING REQUIRES A ROTATION A MINIMUM OF 10° FROM HORIZONTAL AS SHOWN.

10-20° TILT ON INDUCER COUPLING



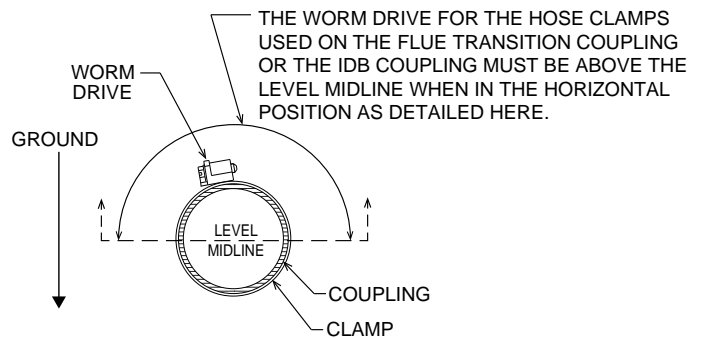
HORIZONTAL INSTALLATIONS REQUIRE CONDENSATE TRAP TO BE MOUNTED EXTERNALLY BELOW THE UNIT:

-USE CAUTION: MOUNT THE TRAP AFTER THE UNIT IS AT THE POINT OF INSTALLATION TO PREVENT DAMAGE TO THE TRAP DURING TRANSPORT.

-HAND TIGHTEN SCREWS WHEN MOUNTING THE TRAP OR THE BULKHEAD COUPLING TO THE CABINET TO PREVENT DAMAGE TO THE MOUNTING FLANGE.

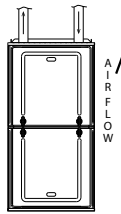
-USE PROPER FREEZE PROTECTION IF REQUIRED.

-ALLOW MINIMUM OF 6" BELOW THE FURNACE FOR CLEARANCE.



NOTE:

IF THE IDB COUPLING IS REMOVED, IT MUST BE REPLACED IN THE PROPER ORIENTATION. AN ARROW IS PRESENT ON THE COUPLING TO INDICATE THE DIRECTION OF EXHAUST FLOW. MAKE SURE THE ARROW POINTS IN THE CORRECT DIRECTION.

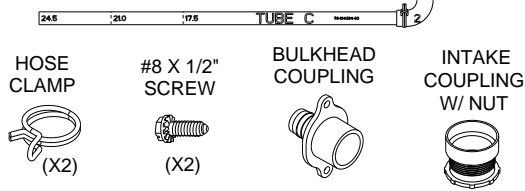


UPFLOW VERTICAL VENT

PARTS NEEDED:

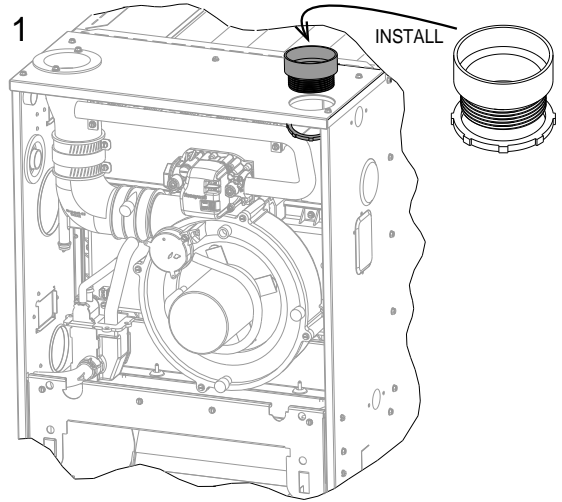
PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE **PARTS BAG** ONLY. NO OTHER CONVERSION KITS ARE NEEDED.

FROM PARTS BAG (PROVIDED WITH UNIT)
TUBE C



TOOLS/MATERIALS NEEDED:

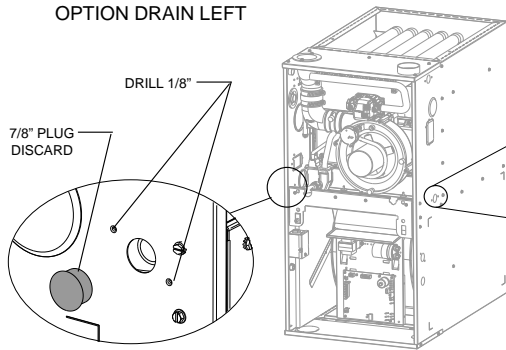
ELECTRIC DRILL 1/8" DRILL BIT PLIERS
1/4" HEX HEAD DRIVER TUBING CUTTER



INSTALL INTAKE COUPLING IN TOP PLATE.

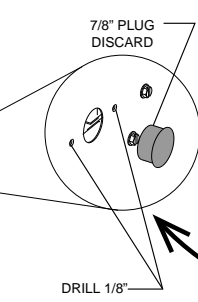
NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE

2 OPTION DRAIN LEFT

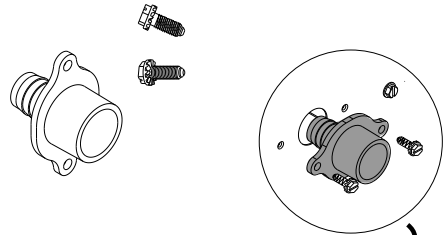


DETERMINE RIGHT OR LEFT DRAIN OPTION.
LOCATE 7/8" HOLE IN JACKET SIDE.
REMOVE PLUG - DISCARD.
DRILL (2) Ø 1/8" HOLES FOR THE BULKHEAD COUPLING.

OPTION DRAIN RIGHT



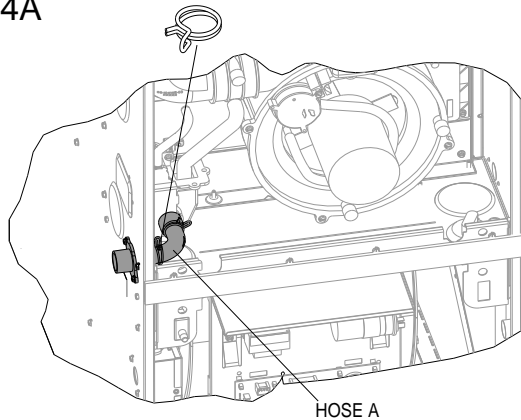
3



INSTALL

INSTALL BULKHEAD COUPLING USING (2) SCREWS.
INSTALL IN JACKET WITH THE BARBED FITTING
POINTED INTO THE VESTIBULE.

4A

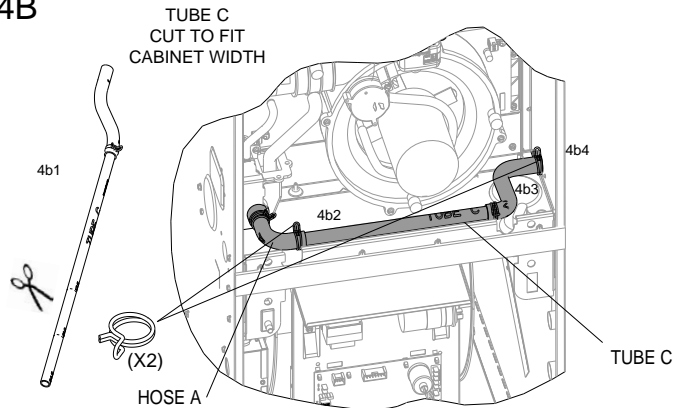


4a - LEFT SIDE DRAIN OPTION

ATTACH HOSE A (PRE-INSTALLED) TO BULKHEAD COUPLING.
INSTALL HOSE CLAMP ON HOSE OVER BULK HEAD COUPLING.

NOTE:
USE SOAPY WATER TO FACILITATE EASY
HOSE AND TUBE ASSEMBLY

4B



4b - RIGHT SIDE DRAIN OPTION

4b1 - CUT TUBE C TO FIT CORRESPONDING CABINET WIDTH.
4b2 - INSTALL TUBE C WITH HOSE CLAMP AS SHOWN TO HOSE A (PRE-INSTALLED).
4b3 - ATTACH TUBE C ASSEMBLY TO BULKHEAD COUPLING AS SHOWN.
4b4 - INSTALL HOSE CLAMP OVER HOSE ON BULKHEAD COUPLING.

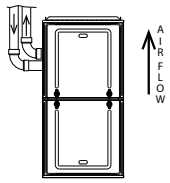
NOTE:
USE SOAPY WATER TO FACILITATE EASY
HOSE AND TUBE ASSEMBLY

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Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
- CONFIRM THAT ALL HOSES ARE FREE OF KINKS
- CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW
- ALL CLAMPS AND COUPLINGS ARE TIGHTENED
- ALL DRAIN PORTS ARE PLUGGED
- UNIT HAS FORWARD PITCH
- HEAT TAPE INSTALLED(IF REQUIRED)

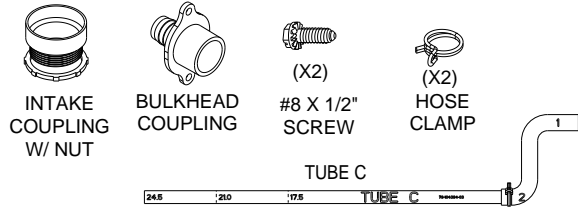
Notes:



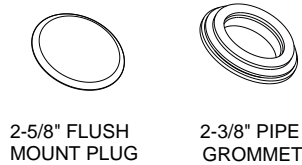
UPFLOW LEFT VENT

PARTS NEEDED:

FROM PARTS BAG (PROVIDED W/UNIT)



FROM CONVERSION KIT RXGY-CK

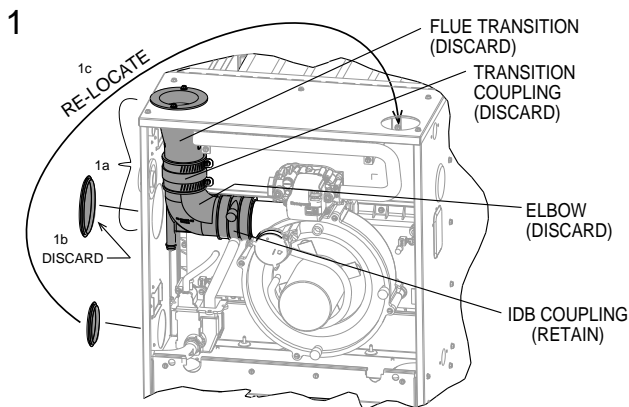


! PARTS NEEDED FOR THIS CONVERSION REQUIRE THE OUTLINED ITEMS FROM THE PARTS BAG AND CONVERSION KIT RXGY-CK. YOU MUST HAVE THESE PARTS BEFORE PROCEEDING.

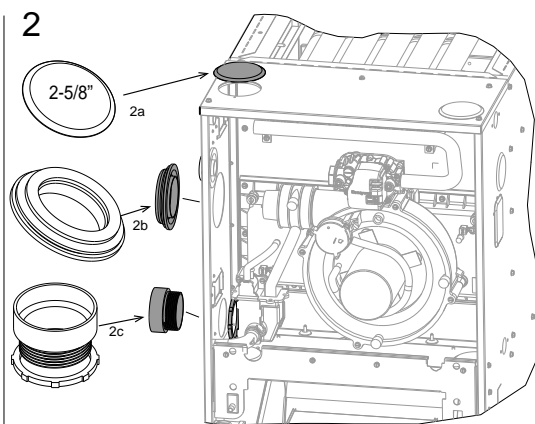
TOOLS/MATERIALS NEEDED:

ELECTRIC DRILL PLIERS 5/16 HEX HEAD DRIVER TUBING CUTTER
 1/8" DRILL BIT FLAT HEAD SCREWDRIVER 1/4" HEX HEAD DRIVER

NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE

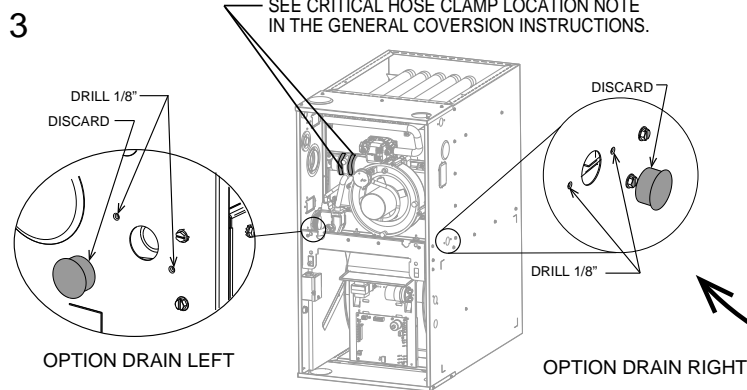


1a - REMOVE FLUE TRANSITION, TRANSITION COUPLING, AND ELBOW.
 (NOTE: REMOVE INDUCER COUPLING WELBOW FOR EASIER REMOVAL).
 1b - REMOVE 3-3/8" FLUSH MOUNT PLUG FROM JACKET - DISCARD.
 1c - RELOCATE 2-3/8" FLUSH MOUNT PLUG FROM JACKET TO TOP PLATE.

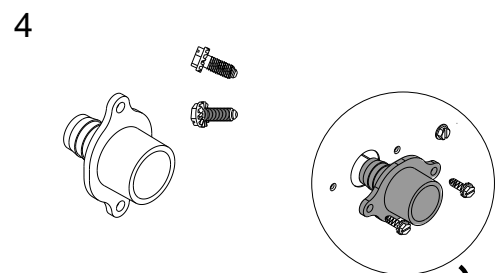


NOTE:
 IF THE IDB COUPLING IS REMOVED, IT MUST BE REPLACED IN THE PROPER ORIENTATION. AN ARROW IS PRESENT ON THE COUPLING TO INDICATE THE DIRECTION OF EXHAUST FLOW. MAKE SURE THE ARROW POINTS IN THE CORRECT DIRECTION.

2a - INSTALL 2-5/8" FLUSH MOUNT PLUG IN TOP PLATE.
 2b - INSTALL 2" PIPE GROMMET AS SHOWN.
 2c - INSTALL INTAKE COUPLING AS SHOWN.



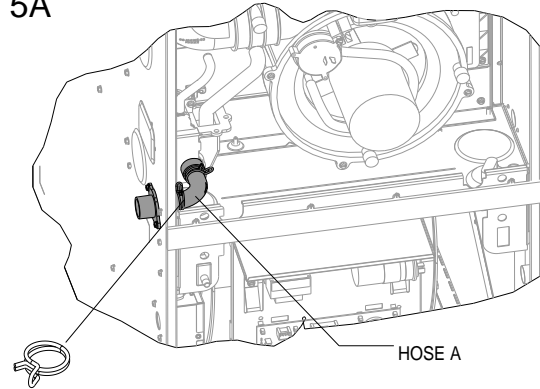
DETERMINE RIGHT OR LEFT DRAIN OPTION.
 LOCATE 7/8" HOLE IN JACKET SIDE.
 REMOVE PLUG - DISCARD.
 DRILL (2) \varnothing 1/8" HOLES FOR THE BULKHEAD COUPLING.



INSTALL BULKHEAD COUPLING USING (2) SCREWS.
 INSTALL IN JACKET WITH THE BARBED FITTING POINTED INTO THE VESTIBULE.

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5A

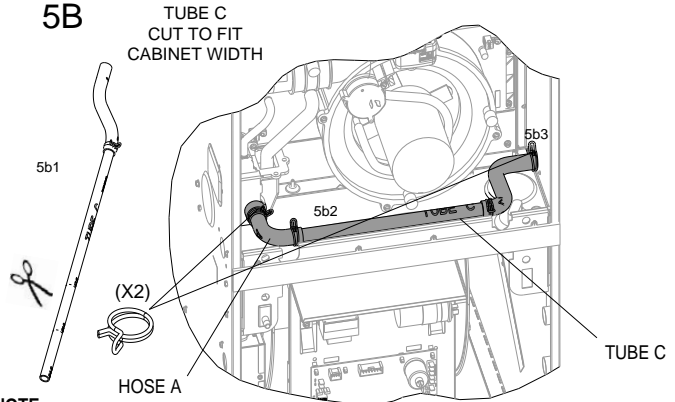


NOTE:
USE SOAPY WATER TO FACILITATE EASY
HOSE AND TUBE ASSEMBLY

5a - LEFT SIDE DRAIN OPTION

ATTACH HOSE A (PRE-INSTALLED) TO BULKHEAD COUPLING.
 PLACE CLAMP OVER HOSE ON BULKHEAD COUPLING.

5B



NOTE:
USE SOAPY WATER TO FACILITATE EASY
HOSE AND TUBE ASSEMBLY

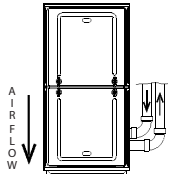
5b - RIGHT SIDE DRAIN OPTION

5b1 - CUT TUBE C TO FIT CORRESPONDING CABINET WIDTH.
 5b2 - INSTALL TUBE C WITH HOSE CLAMP AS SHOWN TO HOSE A (PRE-INSTALLED).
 5b3 - ATTACH TUBE C ASSEMBLY TO BULKHEAD COUPLING AS SHOWN.
 5b4 - INSTALL HOSE CLAMP OVER HOSE ON BULKHEAD COUPLING.

Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
- CONFIRM THAT ALL HOSES ARE FREE OF KINKS.
- CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW
- BOTH WORM DRIVES ON THE HOSE CLAMPS OF THE IDB COUPLING MUST BE LOCATED ON THE TOP OF THE COUPLING. SEE LOCATION DETAIL IN THE GENERAL CONVERSION INSTRUCTIONS AT THE BEGINNING OF THIS SECTION.
- ALL CLAMPS AND COUPLINGS ARE TIGHTENED
- ALL DRAIN PORTS ARE PLUGGED
- UNIT HAS FORWARD PITCH
- HEAT TAPE INSTALLED(IF REQUIRED)

Notes:



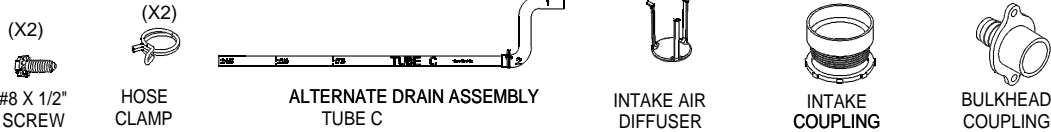
DOWNFLOW W/ RIGHT VENT (NON-ZERO CLEARANCE)



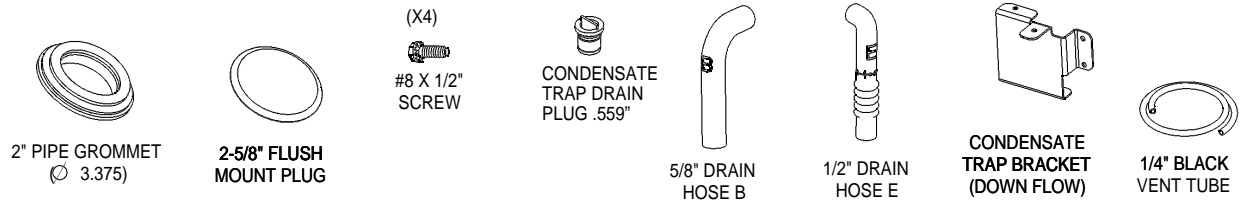
PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE PARTS BAG AND CONVERSION KIT RXGY-CK. YOU MUST HAVE THE PARTS OUTLINED BELOW BEFORE PROCEEDING.

PARTS NEEDED:

FROM PARTS BAG (PROVIDED WITH UNIT)



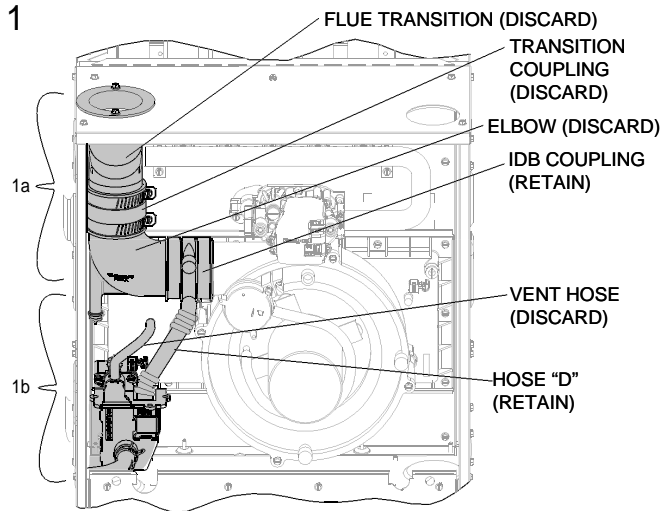
FROM CONVERSION KIT RXGY-CK



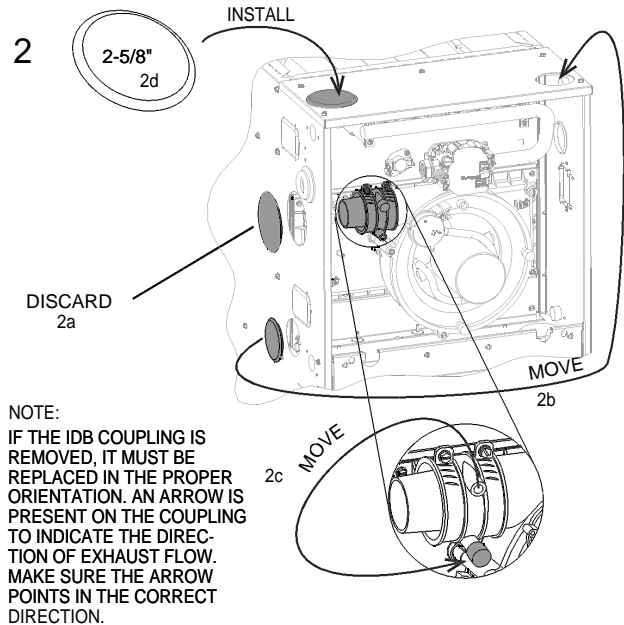
TOOLS/MATERIALS NEEDED:

- ELECTRIC DRILL
(1) 1/8" DRILL BIT
- (1) 3/16" DRILL BIT
PLIERS
- (1) 1/4" HEX HEAD DRIVER
(1) 5/16" HEX HEAD DRIVER
- FLAT HEAD SCREWDRIIVER
TUBING CUTTER

NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE
NOTE: STEPS 1- 5 SHOWN WITH FURNACE IN "AS SHIPPED CONDITION"

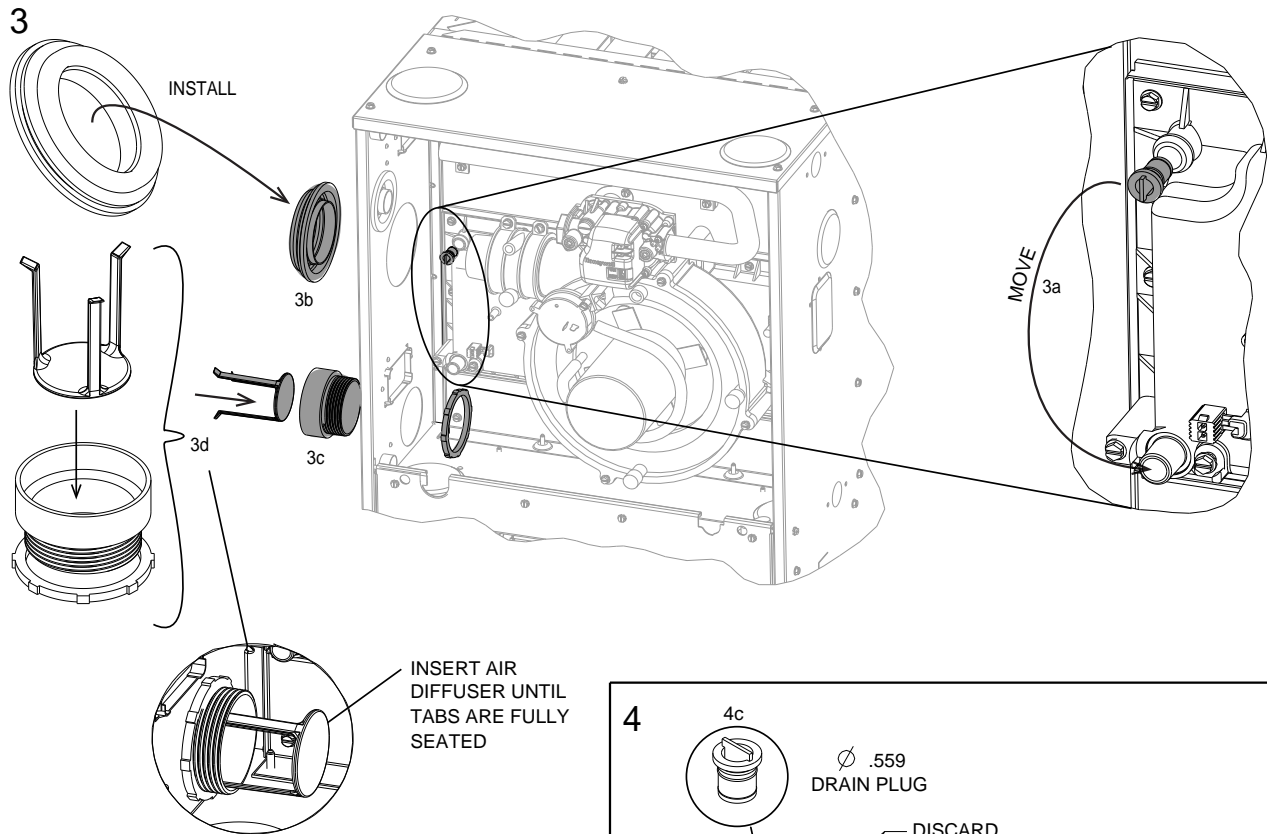


- 1a - REMOVE FLUE TRANSITION, TRANSITION COUPLING, AND ELBOW.
(NOTE: REMOVE COUPLING ON INDUCER WITH ELBOW FOR EASIER REMOVAL).
- 1b - REMOVE TRAP AND HOSES. RETAIN HOSE D FOR LATER USE.
(NOTE: TO REMOVE TRAP REMOVE (2) SCREWS AND PULL STRAIGHT OUT).



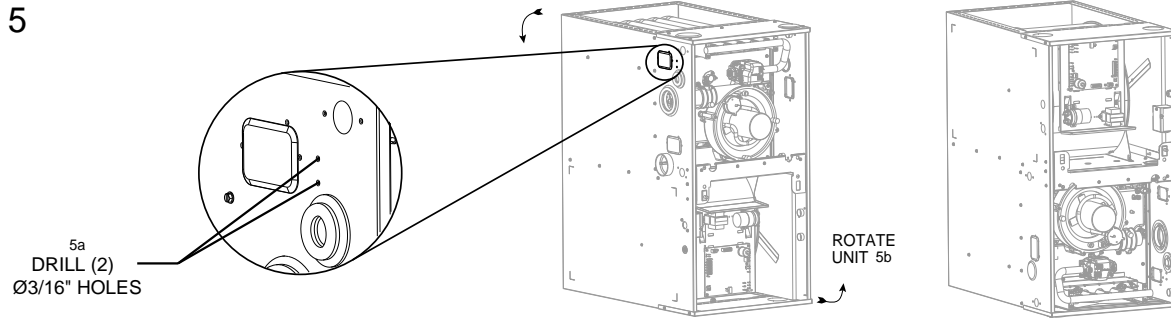
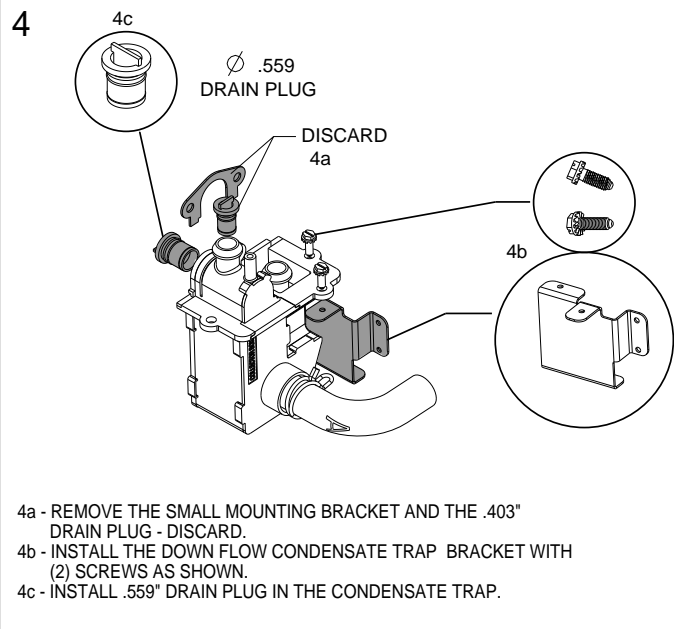
NOTE:
IF THE IDB COUPLING IS REMOVED, IT MUST BE REPLACED IN THE PROPER ORIENTATION. AN ARROW IS PRESENT ON THE COUPLING TO INDICATE THE DIRECTION OF EXHAUST FLOW. MAKE SURE THE ARROW POINTS IN THE CORRECT DIRECTION.

- 2a-REMOVE 3-3/8" FLUSH MOUNT PLUG FROM JACKET - DISCARD.
- 2b-RELOCATE 2-3/8" FLUSH MOUNT PLUG FROM JACKET TO TOP PLATE.
- 2c-RELOCATE 1/2" VINYL CAP (YELLOW) IN INDUCER COUPLING.
- 2d-INSTALL 2-5/8" FLUSH PLUG IN TOP PLATE.



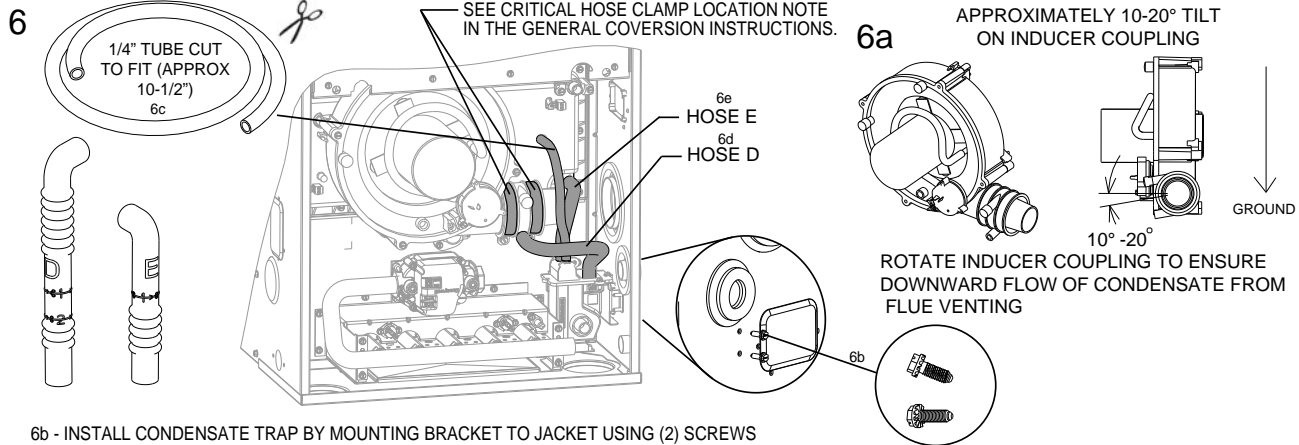
NOTE:
DIFFUSER MAY HAVE A TENDENCY TO FALL OUT OF THE COUPLING AT THIS STEP. THE INSTALLER MAY ELECT TO INSTALL THE DIFFUSER AFTER ROTATING THE FURNACE TO THE HORIZONTAL POSITION.

- 3a - RELOCATE .403" DRAIN PLUG IN THE COLLECTOR BOX.
- 3b - INSTALL 2" PIPE GROMMET
- 3c - INTAKE COUPLING IN JACKET AS SHOWN.
- 3d - INSERT AIR DIFFUSER INTO COUPLING UNTIL TABS ARE SEATED.



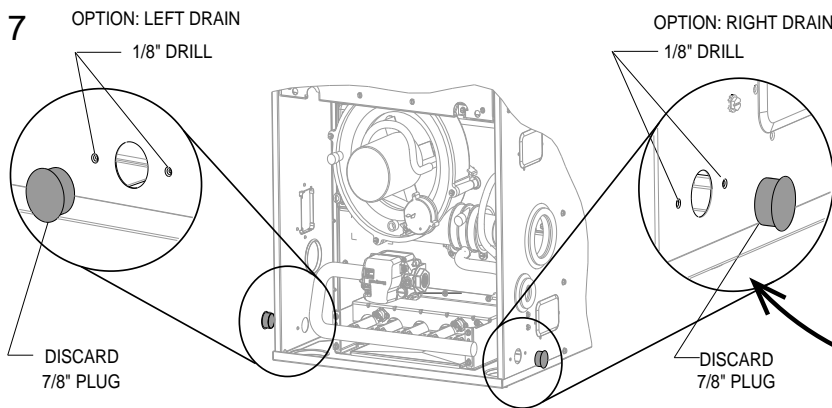
- 5a - PRE-DRILL (2) Ø 3/16" HOLES IN JACKET AS SHOWN FOR CONDENSATE TRAP BRACKET.
- 5b - ROTATE UNIT 180°

NOTE: REMAINING STEPS SHOWN WITH FURNACE IN DOWN FLOW ORIENTATION

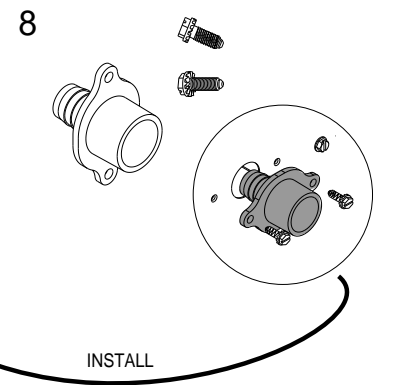


- 6b - INSTALL CONDENSATE TRAP BY MOUNTING BRACKET TO JACKET USING (2) SCREWS
- 6c - CUT 1/4" VENT TUBE TO FIT (APPROX. 10-1/2"). INSTALL AS SHOWN.
- 6d - INSTALL HOSE D (REMOVED IN STEP 1) FROM INDUCER COUPLING TO THE FLUE TAP IN THE CONDENSATE TRAP.
- 6e - INSTALL HOSE E FROM COLLECTOR BOX TO TOP OF CONDENSATE TRAP.

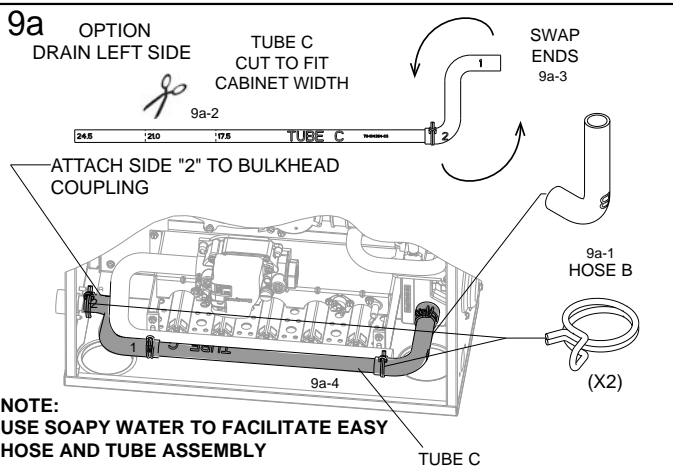
NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY



DETERMINE RIGHT OR LEFT DRAIN OPTION.
LOCATE 7/8" HOLE IN JACKET SIDE AND REMOVE PLUG - DISCARD.
DRILL (2) \varnothing 1/8" HOLES FOR BULKHEAD COUPLING.

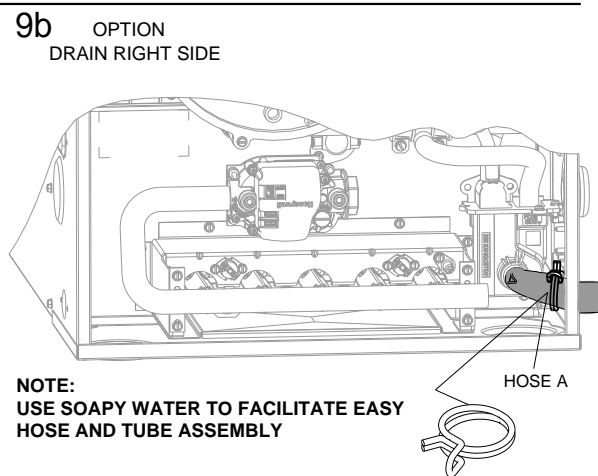


INSTALL BULKHEAD COUPLING USING (2) SCREWS.
INSTALL IN JACKET WITH THE BARBED FITTING POINTED INTO THE VESTIBULE.



NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

- 9a - **LEFT SIDE DRAIN OPTION**
- 9a-1- REMOVE HOSE A (FACTORY INSTALLED ON CONDENSATE TRAP) & REPLACE WITH HOSE B REUSING SUPPLIED CLAMP.
- 9a-2- CUT TUBE C ON MARKED LINES CORRESPONDING TO CABINET WIDTH.
- 9a-3- ROTATE RUBBER HOSE ON TUBE C SO THAT SIDE "1" CONNECTS TO PVC & SIDE "2" TO BULKHEAD COUPLING. INSTALL CLAMP OVER HOSE ON BULKHEAD COUPLING.
- 9a-4- INSTALL TUBE C USING HOSE CLAMP.



NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

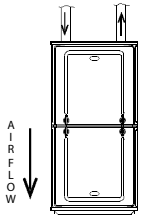
- 9b - **RIGHT SIDE DRAIN OPTION**
- ATTACH HOSE A (FACTORY INSTALLED) TO BULKHEAD COUPLING.
INSTALL CLAMP OVER HOSE ON BULKHEAD COUPLING.

Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
 - ALL DRAIN PORTS ARE PLUGGED
 - UNIT HAS FORWARD PITCH
 - HEAT TAPE INSTALLED(IF REQUIRED)
 - CONFIRM THAT ALL HOSES ARE FREE OF KINKS
 - CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW
 - BOTH WORM DRIVES ON THE HOSE CLAMPS OF THE IDB COUPLING MUST BE LOCATED ON THE TOP OF THE COUPLING. SEE LOCATION DETAIL IN THE GENERAL CONVERSION INSTRUCTIONS AT THE BEGINNING OF THIS SECTION
 - ALL CLAMPS AND COUPLINGS ARE TIGHTENED
 - DOUBLE CHECK DIFFUSER IS INSTALLED IN INTAKE COUPLING
-

Notes:

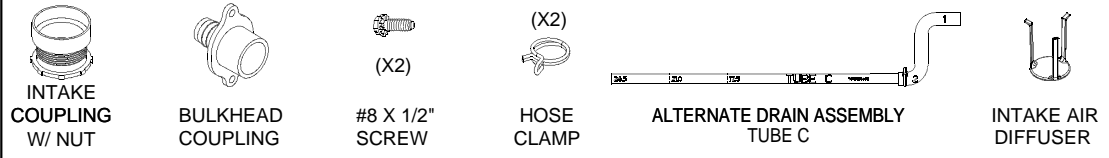
DOWN FLOW ZERO CLEARANCE



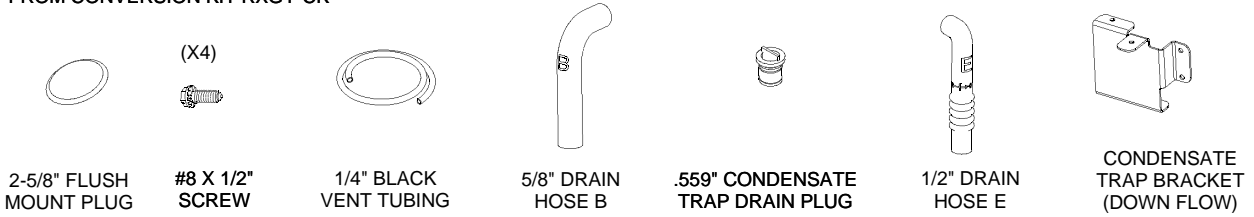
PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE **PARTS BAG**, CONVERSION KIT **RXGY-CK** AND **RXGY-ZK**. YOU MUST HAVE THE OUTLINED PARTS FROM THESE KITS BEFORE PROCEEDING.

PARTS NEEDED:

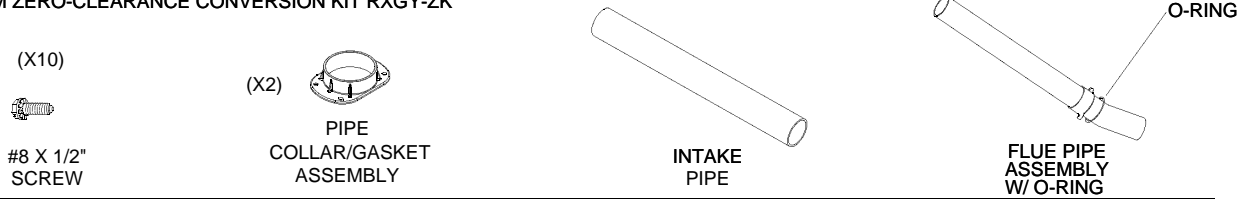
FROM PARTS BAG (PROVIDED W/UNIT)



FROM CONVERSION KIT RXGY-CK



FROM ZERO-CLEARANCE CONVERSION KIT RXGY-ZK



TOOLS/MATERIALS NEEDED:

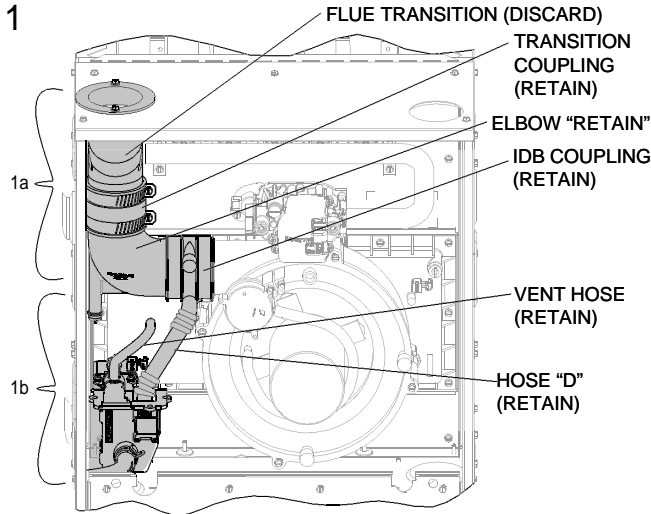
ELECTRIC DRILL
1/8" DRILL BIT

3/16" DRILL BIT
PLIERS

TUBING CUTTER
1/4" HEX HEAD DRIVER
5/16" HEX HEAD DRIVER

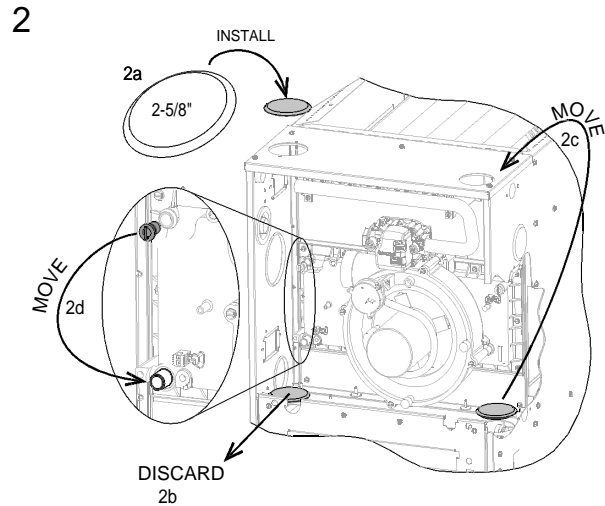
PVC GLUE AND PRIMER
HAMMER
FLAT HEAD SCREWDRIVER

NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE
NOTE: STEPS 1- 4 SHOWN WITH FURNACE IN "AS SHIPPED CONDITION"



1a - REMOVE ELBOW, (2) COUPLINGS, AND FLUE TRANSITION. (RETAIN ELBOW AND COUPLINGS FOR LATER USE.) (NOTE: REMOVE COUPLING ON INDUCER WITH ELBOW FOR EASIER REMOVAL).

1b - REMOVE TRAP AND HOSES. RETAIN HOSE D FOR LATER USE. (NOTE: TO REMOVE TRAP REMOVE (2) SCREWS AND PULL STRAIGHT OUT).



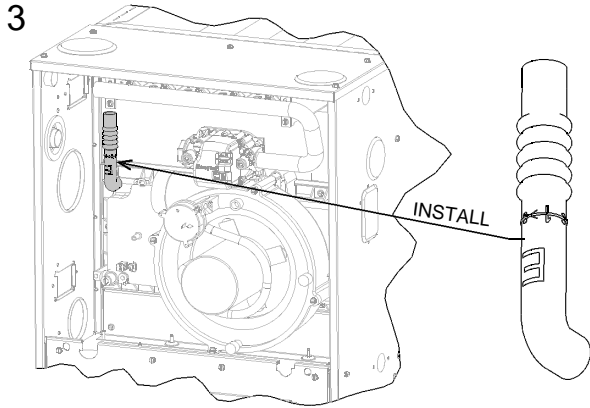
2a - INSTALL 2-5/8" FLUSH MOUNT PLUG.

2b - REMOVE LEFT 2-3/8" FLUSH PLUG IN BLOWER SHELF - DISCARD.

2c - RELOCATE RIGHT 2-3/8" FLUSH MOUNT PLUG FROM BLOWER SHELF TO TOP PLATE.

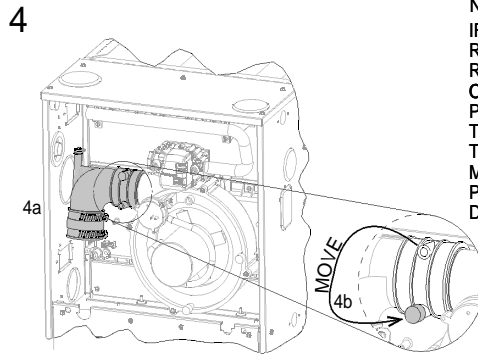
2d - RELOCATE .403" DRAIN PLUG IN THE COLLECTOR BOX.

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INSTALL HOSE E ON COLLECTOR BOX AS SHOWN. LET THE OPEN END HANG FREE UNTIL STEP 11.

NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

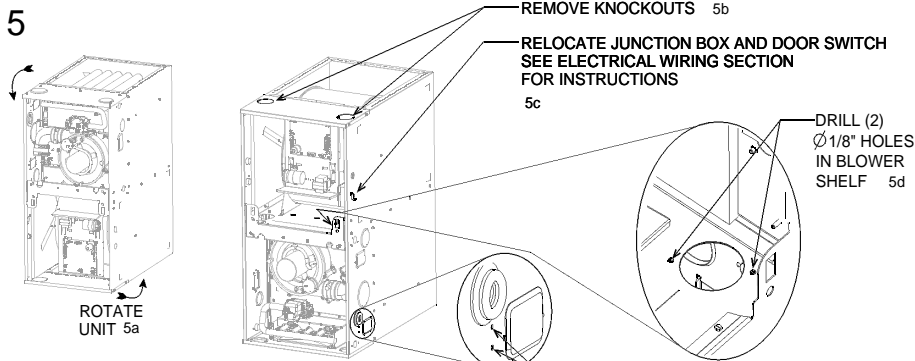


4a - RE-INSTALL ELBOW AND COUPLINGS (REMOVED IN STEP 1) IN THE ORIENTATION AS SHOWN.

4b - RELOCATE 1/2" VINYL CAP (YELLOW) ON INDUCER COUPLING TO OPPOSITE SIDE.

NOTE: LEAVE COUPLING CLAMP CONNECTIONS LOOSE UNTIL STEP 11.

NOTE:
IF THE IDB COUPLING IS REMOVED, IT MUST BE REPLACED IN THE PROPER ORIENTATION. AN ARROW IS PRESENT ON THE COUPLING TO INDICATE THE DIRECTION OF EXHAUST FLOW. MAKE SURE THE ARROW POINTS IN THE CORRECT DIRECTION.



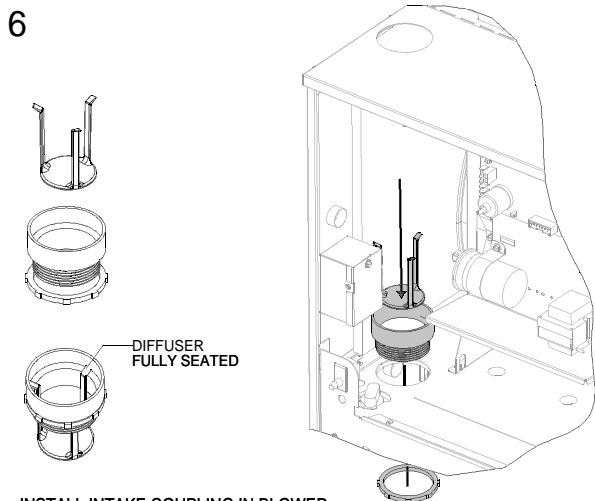
5a - ROTATE UNIT 180°

5b - REMOVE KNOCKOUTS WITH HAMMER AND FLAT HEAD SCREWDRIVER.

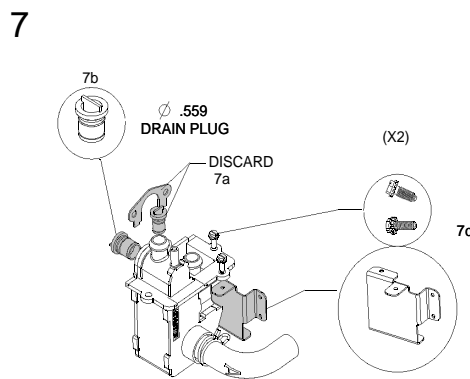
5c - THE JUNCTION BOX WILL HAVE TO BE RELOCATED FOR FLUE PIPE INSTALLATION. SEE ELECTRICAL WIRING SECTION FOR INSTRUCTIONS.

5d - RE-DRILL (2) Ø1/8" HOLES IN BLOWER SHELF AS SHOWN FOR FLUE PIPE ASSEMBLY.

5e - PRE-DRILL (2) Ø3/16" HOLES IN JACKET AS SHOWN FOR CONDENSATE TRAP BRACKET.



INSTALL INTAKE COUPLING IN BLOWER SHELF HOLE AS SHOWN. INSERT AIR DIFFUSER INTO COUPLING UNTIL TABS ARE SEATED.



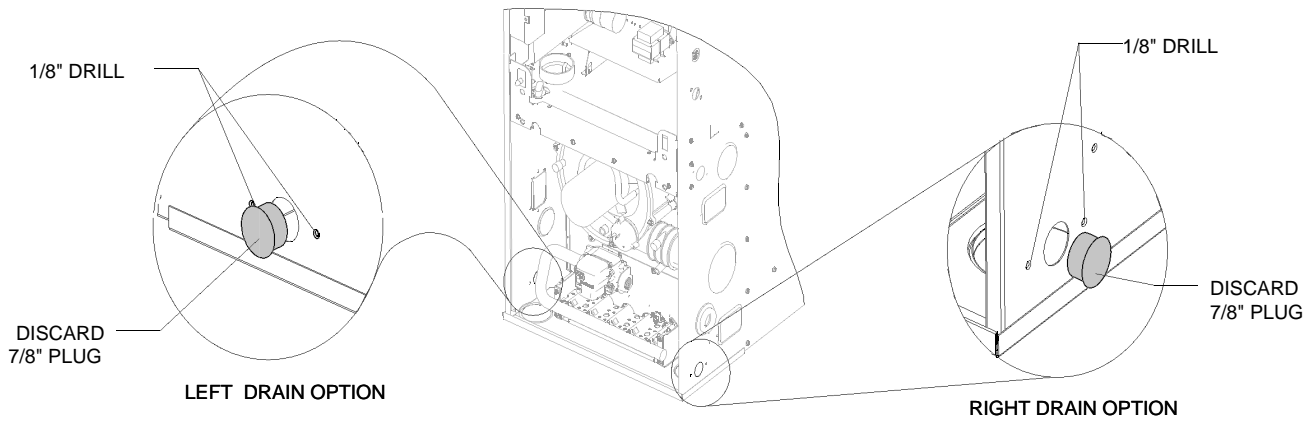
7a - REMOVE THE SMALL MOUNTING BRACKET AND THE .403" DRAIN PLUG - DISCARD.

7b - INSTALL .559" DRAIN PLUG IN CONDENSATE TRAP.

7c - INSTALL DOWN FLOW CONDENSATE TRAP BRACKET WITH (2) SCREWS AS SHOWN.

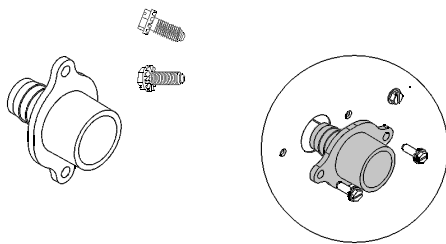
ST-A1194-31-X0

8



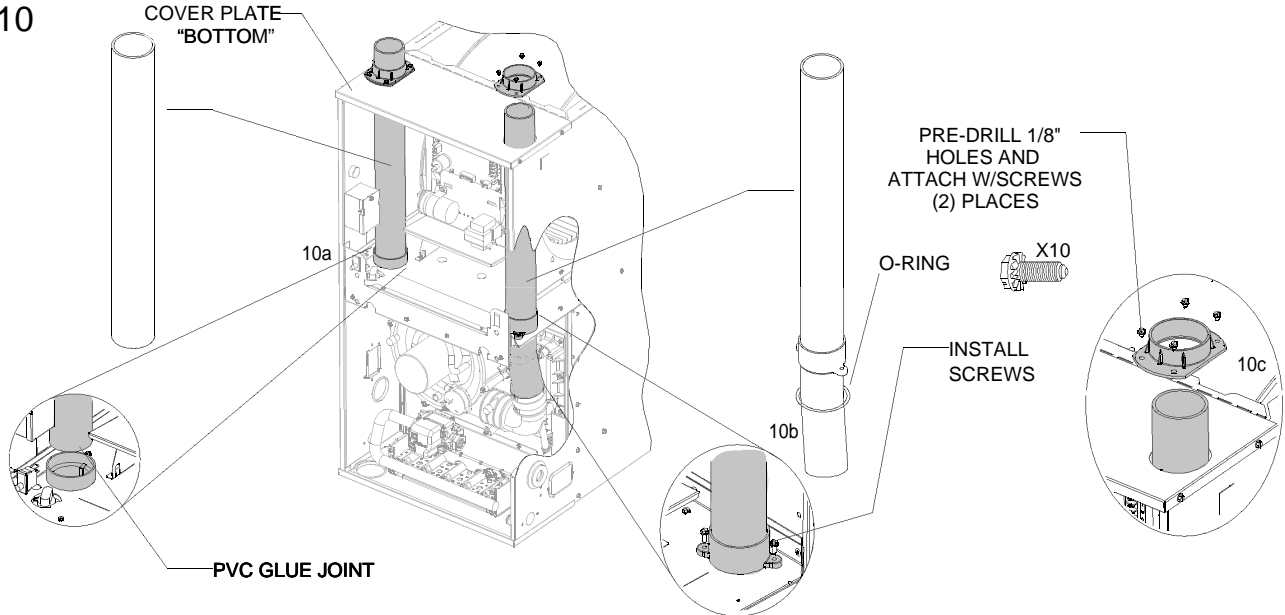
DETERMINE RIGHT OR LEFT DRAIN OPTION.
 LOCATE 7/8" HOLE IN JACKET SIDE REMOVE PLUG - DISCARD.
 DRILL (2) \varnothing 1/8" HOLES FOR THE BULKHEAD COUPLING.

9



INSTALL BULKHEAD COUPLING USING (2) SCREWS.
 INSTALL IN JACKET WITH THE BARBED FITTING POINTED INTO THE VESTIBULE.

10

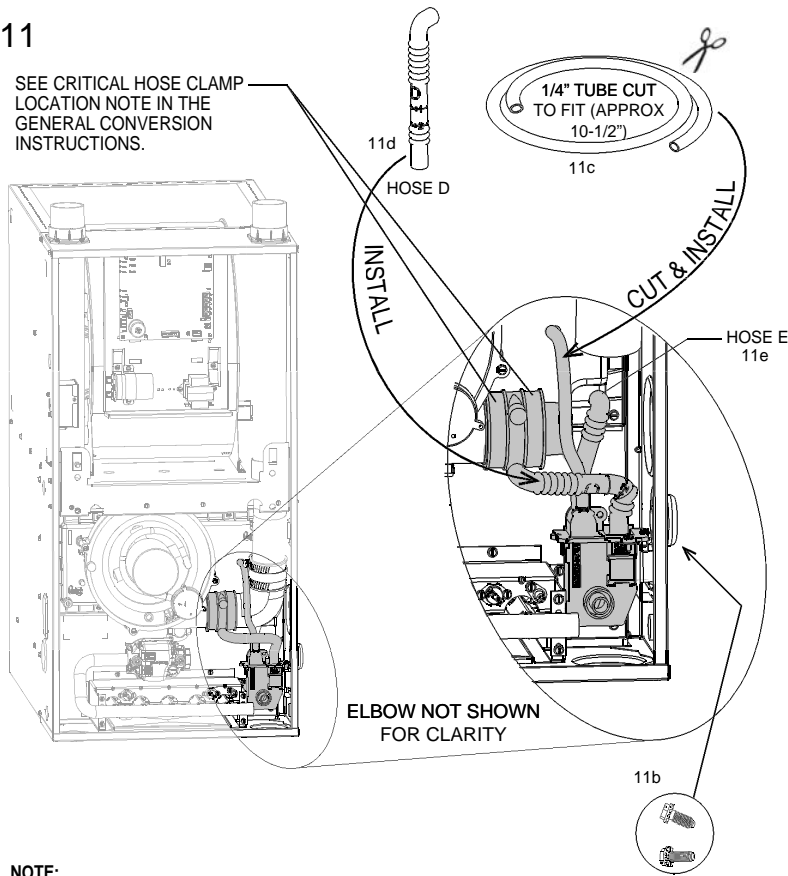


- 10a - INSTALL INTAKE PIPE
 SLIDE INTAKE PIPE THROUGH THE LEFT SIDE KNOCKOUT ON COVER PLATE CLEAN AND PVC GLUE TO INTAKE COUPLING AS SHOWN
- 10b - INSTALL FLUE PIPE ASSEMBLY
 INSERT FLUE PIPE ASSEMBLY THROUGH RIGHT SIDE KNOCKOUT ON COVER PLATE (NOTE: SLIDE FROM UNDER PLATE).
 SLIDE ANGLED END THROUGH OPENING IN BLOWER SHELF AND ALIGN WITH ELBOW COUPLING.
 SECURE PIPE ASSEMBLY TO BLOWER SHELF WITH (2) SCREWS AS SHOWN. ENSURE O-RING IS PROPERLY SEATED.
- 10c - SLIDE PIPE COLLAR ASSEMBLIES FROM STEP 7 OVER THE (2) PIPES AND DRILL (8)

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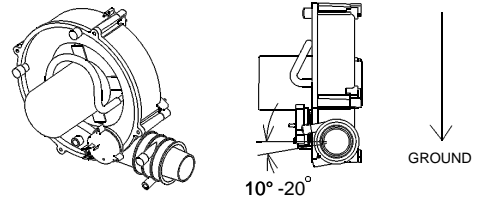
11

SEE CRITICAL HOSE CLAMP LOCATION NOTE IN THE GENERAL CONVERSION INSTRUCTIONS.



11a

APPROXIMATELY 10-20° TILT ON INDUCER COUPLING



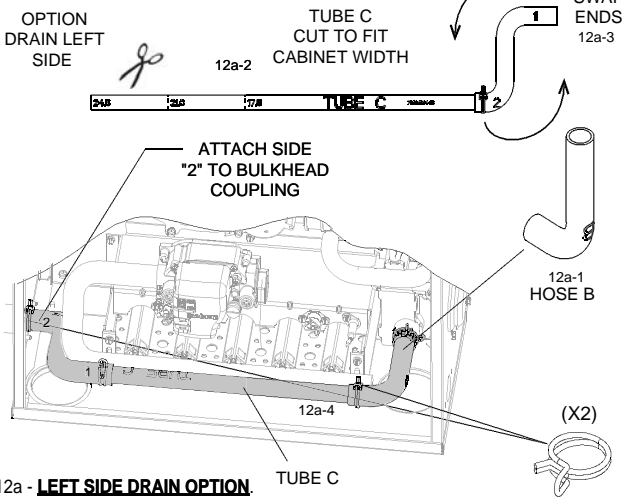
ROTATE INDUCER COUPLING TO ENSURE DOWNWARD FLOW OF CONDENSATE FROM FLUE VENTING

- 11a - ROTATE INDUCER COUPLING 10°
! NOTE: TIGHTEN ELBOW COUPLING CLAMPS TO FLUE PIPE WITH 5/16" NUT DRIVER. (NOT SHOWN)
- 11b - INSTALL CONDENSATE TRAP BY MOUNTING BRACKET TO JACKET USING (2) SCREWS.
- 11c - CUT 1/4" VENT TUBE TO FIT (APPROX. 10-1/2"). INSTALL AS SHOWN.
- 11d - INSTALL HOSE D (REMOVED IN STEP 1) FROM TRANSITION COUPLING TO THE FLUE TAP ON THE CONDENSATE TRAP.
- 11e - ATTACH HOSE E TO THE TOP OF CONDENSATE TRAP.

NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

12a

OPTION DRAIN LEFT SIDE

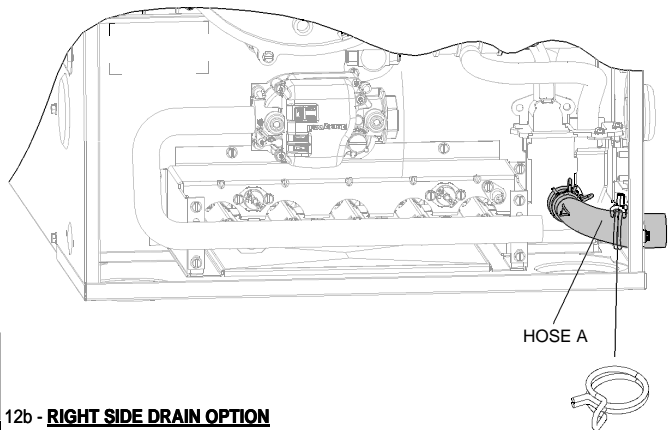


- 12a - **LEFT SIDE DRAIN OPTION**
- 12a-1 - REMOVE HOSE A (FACTORY INSTALLED) ON CONDENSATE
- 12a-2 - CUT TUBE C ON MARKED LINES CORRESPONDING TO CABINET WIDTH.
- 12a-3 - ROTATE RUBBER HOSE ON TUBE C SO THAT SIDE "1" CONNECTS TO PVC & SIDE "2" TO BULKHEAD COUPLING. PLACE CLAMP OVER HOSE ON BULKHEAD COUPLING
- 12a-4 - INSTALL TUBE C USING HOSE CLAMP.

NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

12b

OPTION DRAIN RIGHT SIDE



12b - **RIGHT SIDE DRAIN OPTION**

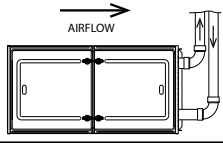
PLACE CLAMP OVER HOSE ON BULK HEAD COUPLING.

NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
- CONFIRM THAT ALL HOSES ARE FREE OF KINKS.
- CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW.
- BOTH WORM DRIVES ON THE HOSE CLAMPS OF THE IDB COUPLING MUST BE LOCATED ON THE TOP OF THE COUPLING. SEE LOCATION DETAIL IN THE GENERAL CONVERSION INSTRUCTIONS AT THE BEGINNING OF THIS SECTION.
- ALL DRAIN PORTS ARE PLUGGED.
- UNIT HAS FORWARD PITCH.
- HEAT TAPE INSTALLED(IF REQUIRED).
- ALL CLAMPS AND COUPLINGS ARE TIGHTENED

Notes:



HORIZONTAL RIGHT / RIGHT VENT



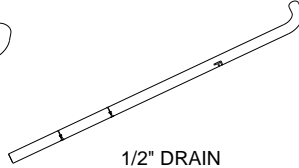
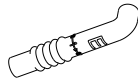
PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE **PARTS BAG** AND CONVERSION KIT **RXGY-CK**. YOU MUST HAVE THE PARTS OULINED BELOW BEFORE PROCEEDING.

PARTS NEEDED:

FROM PARTS BAG
(PROVIDED WITH UNIT)



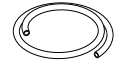
FROM CONVERSION KIT RXGY-CK



(X3)



#8 X 1/2"
SCREW



1/4" BLACK
VENT TUBE

TOOLS/MATERIALS NEEDED:

ELECTRIC DRILL
1/8" DRILL BIT

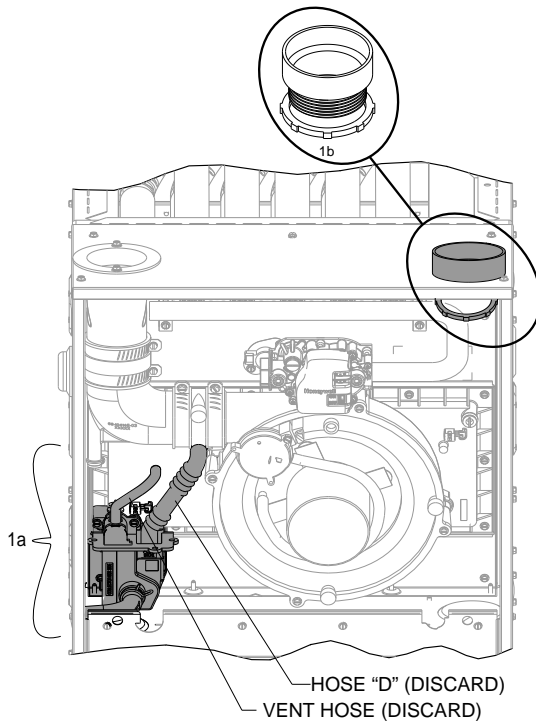
PLIERS
FLAT HEAD SCREWDRIVER

5/16 HEX HEAD DRIVER
1/4" HEX HEAD DRIVER

NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE
NOTE: STEPS 1- 5 SHOWN WITH FURNACE IN "AS SHIPPED CONDITION"

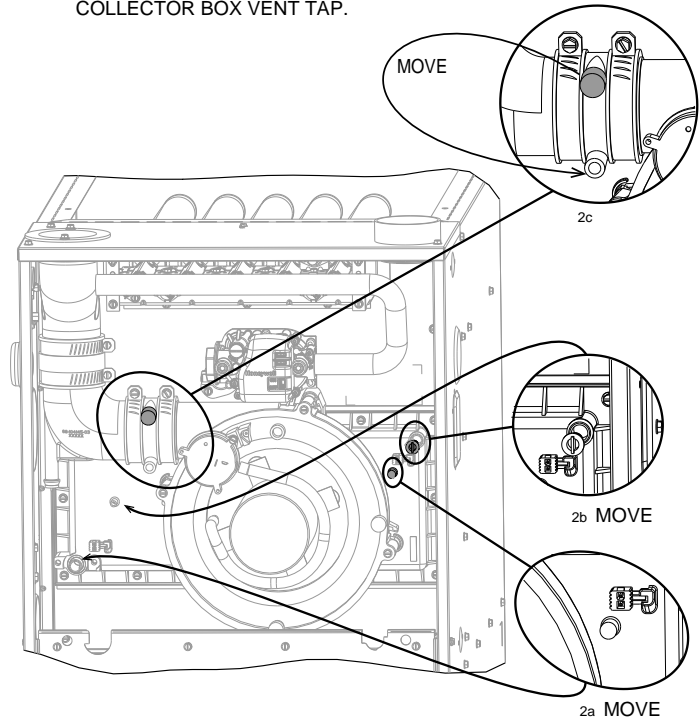
1

- 1a - REMOVE TRAP AND HOSES
(NOTE: TO REMOVE TRAP, REMOVE (2) SCREWS AND PULL STRAIGHT OUT)
- 1b - INSTALL INTAKE COUPLING IN TOP PLATE AS SHOWN.



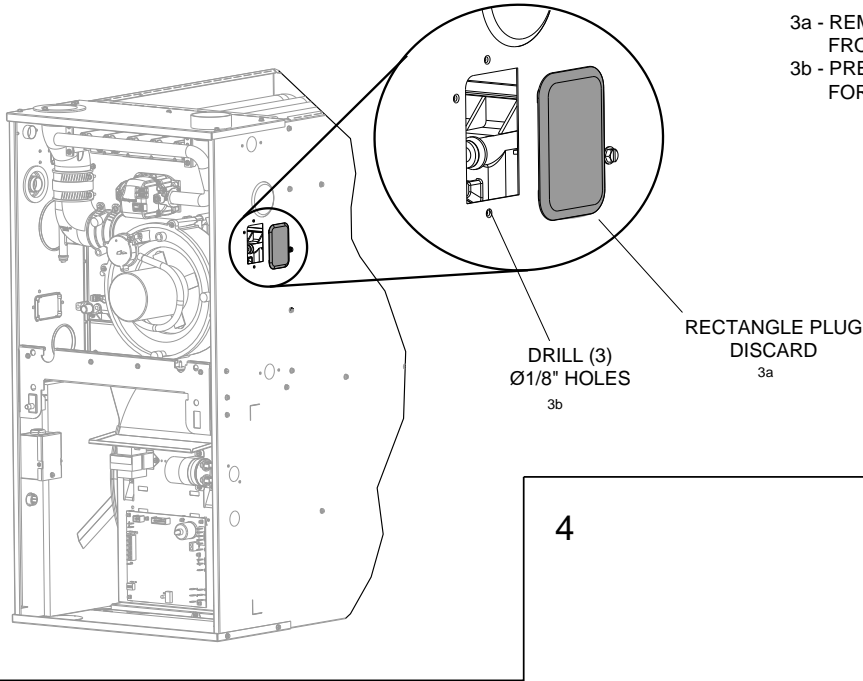
2

- 2a - RELOCATE 1/2" VINYL CAP (YELLOW) ON THE INDUCER COUPLING
- 2b - RELOCATE THE .403" DRAIN PLUG IN THE COLLECTOR BOX.
- 2c - RELOCATE 1/4" VINYL CAP (YELLOW) ON COLLECTOR BOX VENT TAP.



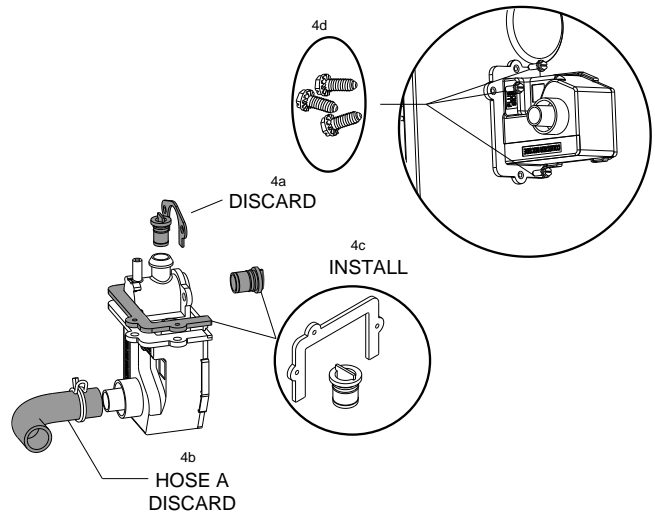
ST-A1194-32-X0

3



- 3a - REMOVE RECTANGLE FLUSH MOUNT PLUG FROM JACKET SIDE-DISCARD
- 3b - PRE-DRILL (3) Ø 1/8" HOLES AS SHOWN FOR CONDENSATE TRAP

4

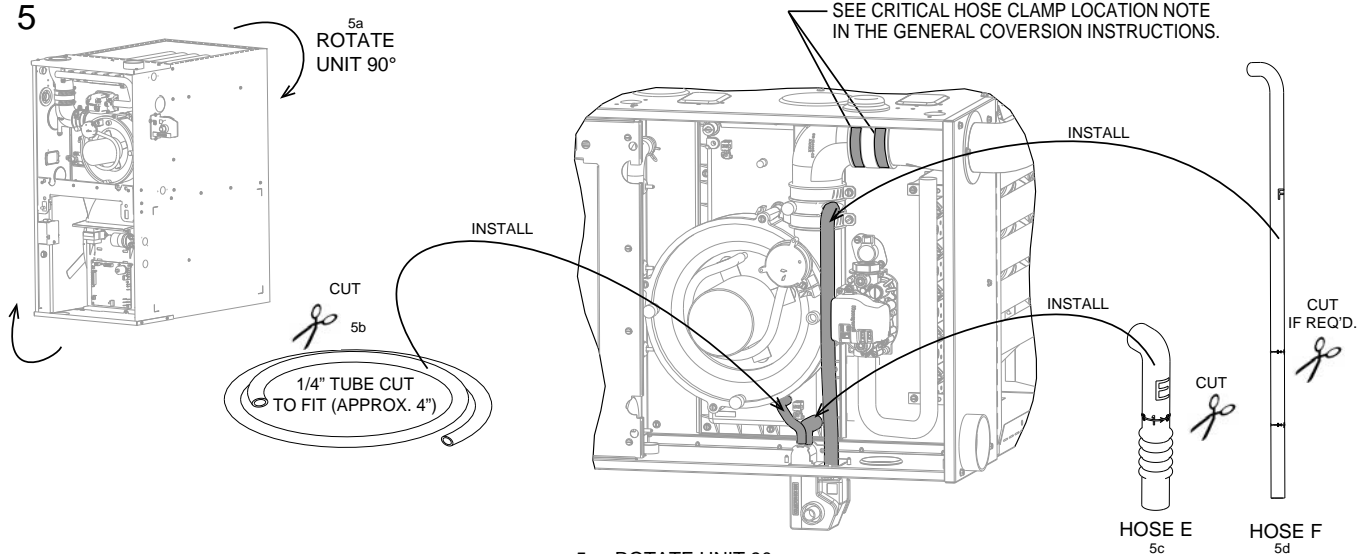


- 4a - REMOVE METAL BRACKET AND THE Ø.403 DRAIN PLUG- DISCARD.
- 4b - REMOVE HOSE A - DISCARD
- 4c - INSTALL Ø .559" CONDENSATE DRAIN PLUG AND CONDENSATE TRAP GASKET AS SHOWN.
- 4d - INSTALL CONDENSATE TRAP IN JACKET USING (3) SCREWS.

NOTE:
TO PREVENT DAMAGE TO THE TRAP, THE INSTALLER MAY ELECT TO INSTALL IT DURING A LATER STEP. (AFTER THE UNIT IS ROTATED)

NOTE: REMAINING STEPS SHOWN WITH FURNACE IN HORIZONTAL RIGHT ORIENTATION

5



- 5a - ROTATE UNIT 90
 - 5b - CUT 1/4" VENT HOSE TO FIT (APPROX. 5-1/2") AND INSTALL AS SHOWN.
 - 5c - CUT HOSE E AT LINE 1- INSTALL
 - 5d - CUT HOSE F ON LINE CORRESPONDING TO UNIT WIDTH AND INSTALL
- NOTE: MAKE SURE CUT IS STRAIGHT AND SQUARE**
NOTE: 17.5": LINE 1, 21": LINE 2, 24.5": DO NOT CUT

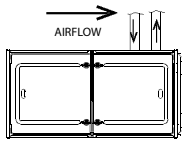
NOTE:
USE SOAPY WATER TO FACILITATE EASY HOSE AND TUBE ASSEMBLY

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Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
 - CONFIRM THAT ALL HOSES ARE FREE OF KINKS.
 - CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW.
 - BOTH WORM DRIVES ON THE HOSE CLAMPS OF THE FLUE TRANSITION MUST BE LOCATED ON THE TOP OF THE COUPLING. SEE LOCATION DETAIL IN THE GENERAL CONVERSION INSTRUCTIONS AT THE BEGINNING OF THIS SECTION.
 - ALL CLAMPS AND COUPLINGS ARE TIGHTENED
 - ALL DRAIN PORTS ARE PLUGGED.
 - UNIT HAS FORWARD PITCH.
 - HEAT TAPE INSTALLED(IF REQUIRED)
-

Notes:



HORIZONTAL RIGHT / VERTICAL VENT

PARTS NEEDED:



PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE **PARTS BAG** AND CONVERSION KIT **RXGY-CK** YOU MUST HAVE THE PARTS OUTLINED BELOW BEFORE PROCEEDING.

FROM PARTS BAG
(PROVIDED WITH UNIT)

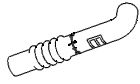


INTAKE
COUPLING
AND NUT

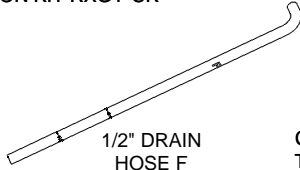


INTAKE AIR
DIFFUSER

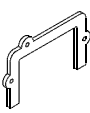
FROM CONVERSION KIT RXGY-CK



1/2" DRAIN
HOSE E



1/2" DRAIN
HOSE F



CONDENSATE
TRAP GASKET

(X3)



#8 X 1/2"
SCREW



1/4" BLACK
VENT TUBE



2" PIPE GROMMET
(Ø 3.375)



2-5/8" FLUSH
MOUNT PLUG

TOOLS/MATERIALS NEEDED:

ELECTRIC DRILL
1/8" DRILL BIT

PLIERS
FLAT HEAD SCREWDRIVER

5/16 HEX HEAD DRIVER
1/4" HEX HEAD DRIVER

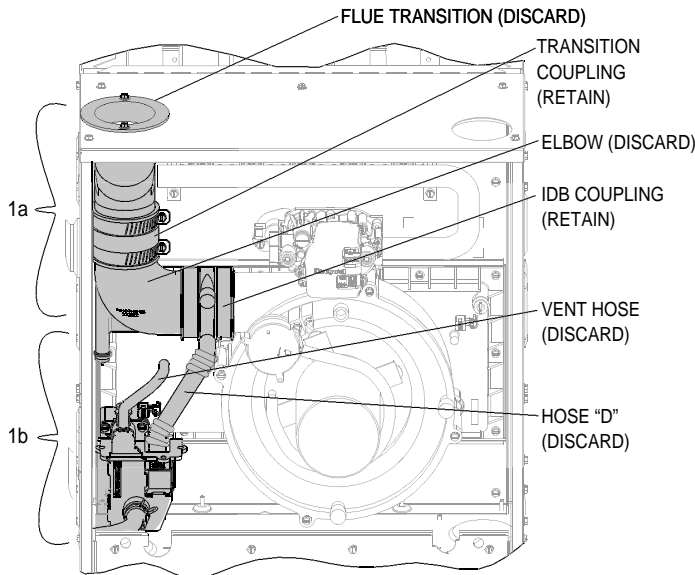
TUBING CUTTER

NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE

NOTE: STEPS 1- 5 SHOWN WITH FURNACE IN "AS SHIPPED CONDITION"

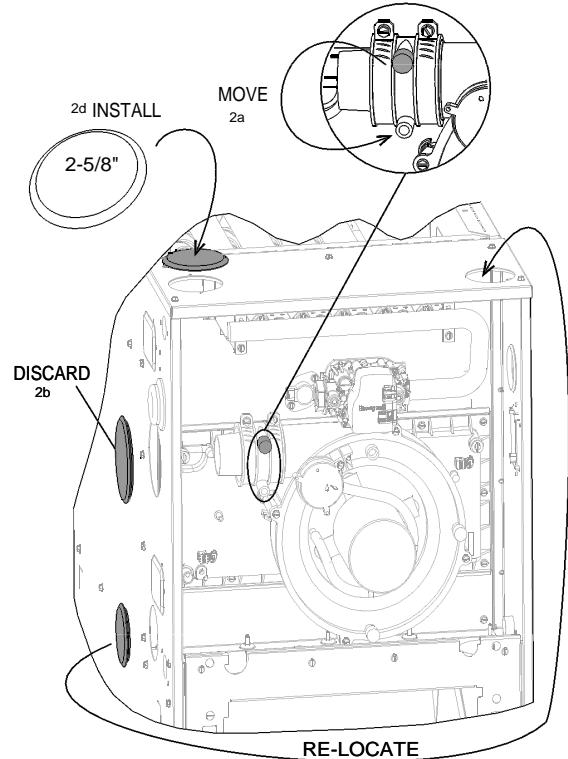
1

- 1a - REMOVE FLUE TRANSITION, TRANSITION COUPLING, AND ELBOW.
(NOTE: REMOVE INDUCER COUPLING W/ ELBOW FOR EASIER REMOVAL).
- 1b - REMOVE CONDENSATE TRAP AND HOSES.
(NOTE: TO REMOVE TRAP REMOVE (2) SCREWS AND PULL STRAIGHT OUT).



2

- 2a - RELOCATE 1/2" VINYL CAP (YELLOW) ON THE INDUCER COUPLING.
- 2b - REMOVE 3-3/8" FLUSH MOUNT PLUG FROM JACKET SIDE-DISCARD.
- 2c - REMOVE 2-5/8" FLUSH MOUNT PLUG FROM TOP PLATE.
- 2d - INSTALL 2-5/8" FLUSH MOUNT PLUG IN TOP PLATE.



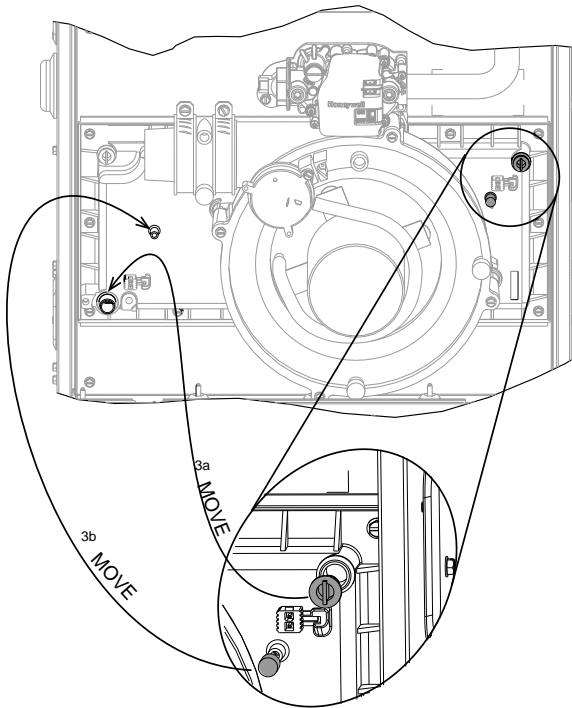
NOTE:

IF THE IDB COUPLING IS REMOVED, IT MUST BE REPLACED IN THE PROPER ORIENTATION. AN ARROW IS PRESENT ON THE COUPLING TO INDICATE THE DIRECTION OF EXHAUST FLOW. MAKE SURE THE ARROW POINTS IN THE CORRECT DIRECTION.

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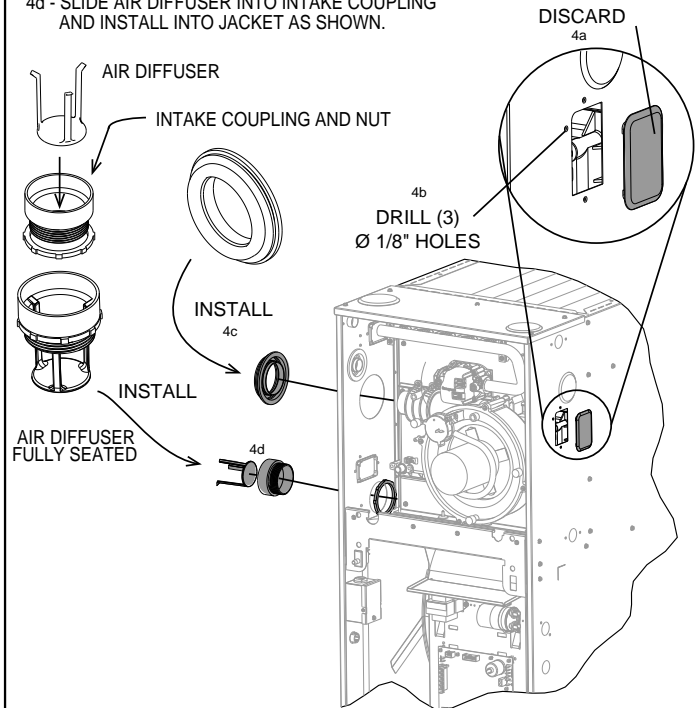
3

- 3a - RELOCATE THE Ø .403" DRAIN PLUG IN THE COLLECTOR BOX.
- 3b - RELOCATE 1/4" VINYL CAP (YELLOW) ON COLLECTOR BOX VENT TAP.

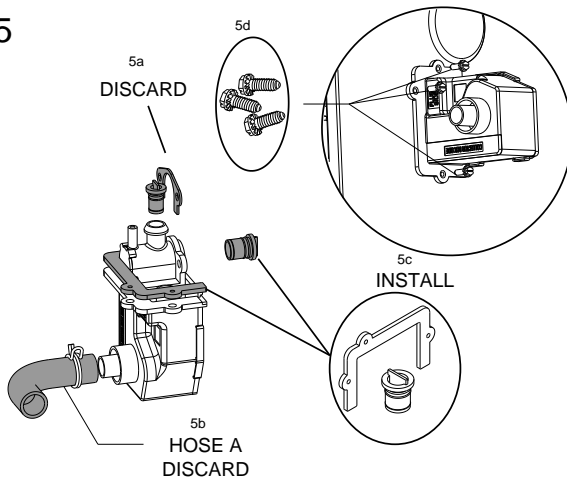


4

- 4a - REMOVE RECTANGLE FLUSH MOUNT PLUG FROM JACKET SIDE - DISCARD
- 4b - PRE-DRILL (3) Ø1/8" HOLES AS SHOWN FOR CONDENSATE TRAP
- 4c - INSTALL 2" PIPE GROMMET IN JACKET
- 4d - SLIDE AIR DIFFUSER INTO INTAKE COUPLING AND INSTALL INTO JACKET AS SHOWN.



5

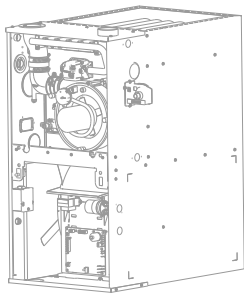


- 5a - REMOVE METAL BRACKET AND THE Ø.403 DRAIN PLUG- DISCARD.
- 5b - REMOVE HOSE A - DISCARD
- 5c - INSTALL Ø .559" CONDENSATE DRAIN PLUG AND CONDENSATE TRAP GASKET AS SHOWN.
- 5d - INSTALL CONDENSATE TRAP IN JACKET USING (3) SCREWS.

NOTE:
TO PREVENT DAMAGE TO THE TRAP, THE INSTALLER MAY ELECT TO INSTALL IT DURING A LATER STEP. (AFTER THE UNIT IS ROTATED)

NOTE: REMAINING STEPS SHOWN WITH FURNACE IN HORIZONTAL RIGHT ORIENTATION

6



6a
ROTATE
UNIT 90°

6a - ROTATE UNIT 90°

6b - CUT 1/4" VENT HOSE TO FIT (APPROX. 5-1/2") AND INSTALL AS SHOWN

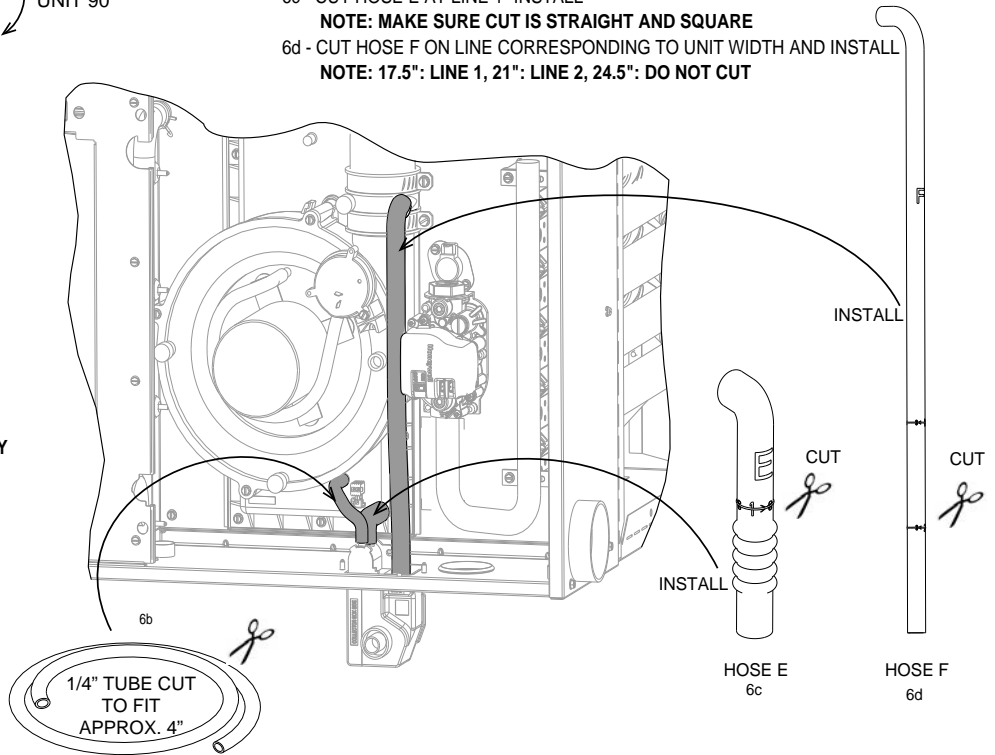
6c - CUT HOSE E AT LINE 1- INSTALL

NOTE: MAKE SURE CUT IS STRAIGHT AND SQUARE

6d - CUT HOSE F ON LINE CORRESPONDING TO UNIT WIDTH AND INSTALL

NOTE: 17.5": LINE 1, 21": LINE 2, 24.5": DO NOT CUT

NOTE:
USE SOAPY WATER TO FACILITATE EASY
HOSE AND TUBE ASSEMBLY

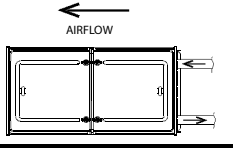


Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
- CONFIRM THAT ALL HOSES ARE FREE OF KINKS
- CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW
- ALL CLAMPS AND COUPLINGS ARE TIGHTENED
- ALL DRAIN PORTS ARE PLUGGED
- UNIT HAS FORWARD PITCH
- HEAT TAPE INSTALLED(IF REQUIRED)

Notes:

ST-A1194-33-X0



HORIZONTAL LEFT / RIGHT VENT



PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE PARTS BAG, CONVERSION KIT RXGY-CK AND RXGY-ZK. YOU MUST HAVE THE PARTS OUTLINED BELOW FROM THESE KITS BEFORE PROCEEDING.

PARTS NEEDED:

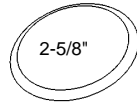
FROM PARTS BAG
(PROVIDED WITH UNIT)



INTAKE COUPLING AND NUT



INTAKE AIR DIFFUSER

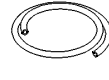


2-5/8" FLUSH MOUNT PLUG

(X4)



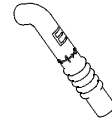
#8 X 1/2" SCREW



1/4" BLACK VENT TUBE



.559" CONDENSATE TRAP DRAIN PLUG



1/2" DRAIN HOSE E



1/2" VINYL CAP (YELLOW)

FROM CONVERSION KIT RXGY-ZK

(X10)

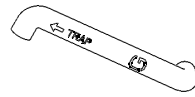


#8 X 1/2" SCREW

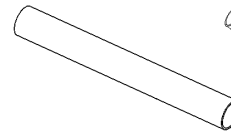
(X2)



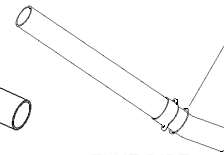
PIPE COLLAR / GASKET ASSEMBLY



1/2" DRAIN HOSE G



INTAKE PIPE



FLUE PIPE ASSEMBLY W/ O-RING

TOOLS/MATERIALS NEEDED:

ELECTRIC DRILL
PVC GLUE AND PRIMER

1/8" DRILL BIT
HAMMER

3/16" DRILL BIT
FLAT HEAD SCREWDRIVER

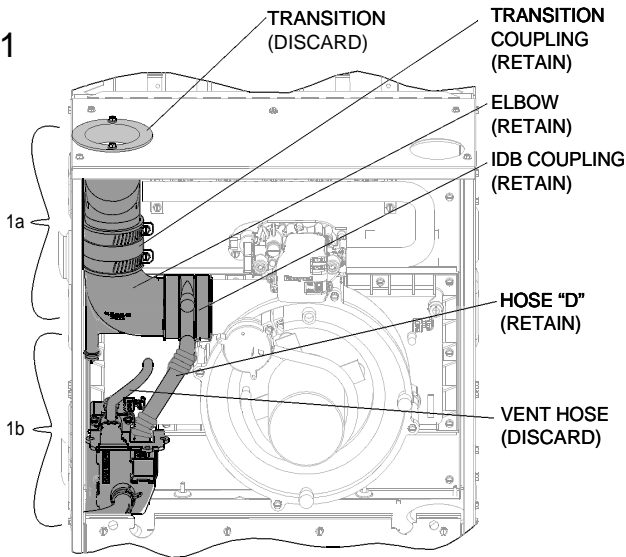
PLIERS

1/4" HEX HEAD DRIVER
TUBING CUTTER

5/16 HEX HEAD DRIVER

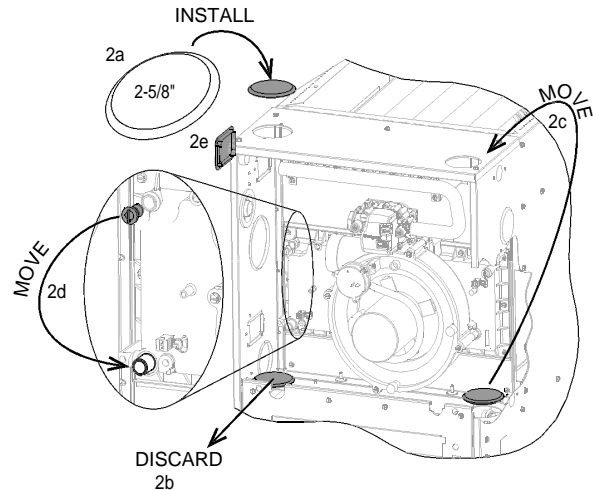
NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE.
NOTE: STEPS 1- 4 SHOWN WITH FURNACE IN "AS SHIPPED CONDITION"

1



- 1a - REMOVE ELBOW, (2) COUPLINGS, AND FLUE TRANSITION.
NOTE: RETAIN ELBOW AND COUPLINGS FOR LATER USE.
- 1b - REMOVE TRAP AND HOSES. RETAIN HOSE D FOR LATER USE.
NOTE: TO REMOVE TRAP REMOVE (2) SCREWS AND PULL STRAIGHT OUT

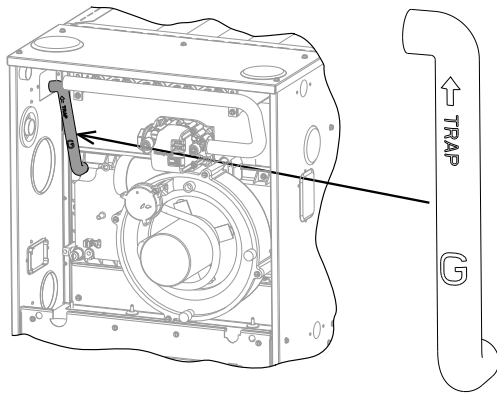
2



- 2a - INSTALL 2-5/8" FLUSH MOUNT PLUG.
- 2b - REMOVE LEFT 2-3/8" FLUSH PLUG IN BLOWER SHELF - DISCARD.
- 2c - RELOCATE RIGHT 2-3/8" FLUSH MOUNT PLUG FROM BLOWER SHELF TO TOP PLATE.
- 2d - RELOCATE Ø.403" DRAIN PLUG IN THE COLLECTOR BOX.
- 2e - REMOVE RECTANGLE FLUSH MOUNT PLUG-DISCARD

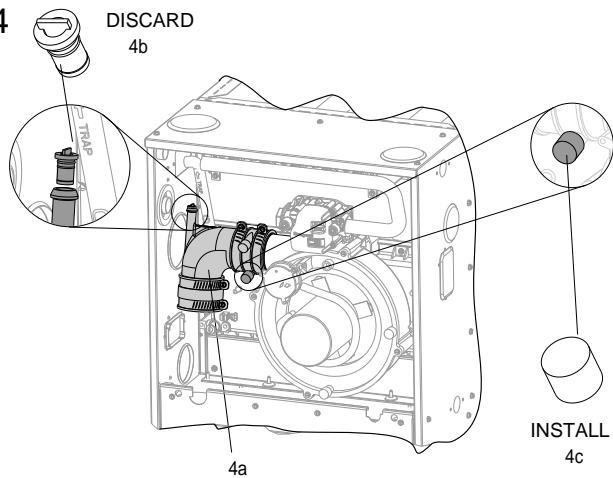
ST-A1194-34-X0

3



INSTALL HOSE G ON COLLECTOR BOX AS SHOWN.
NOTE: LET THE OPEN END HANG FREE UNTIL STEP 10.

4



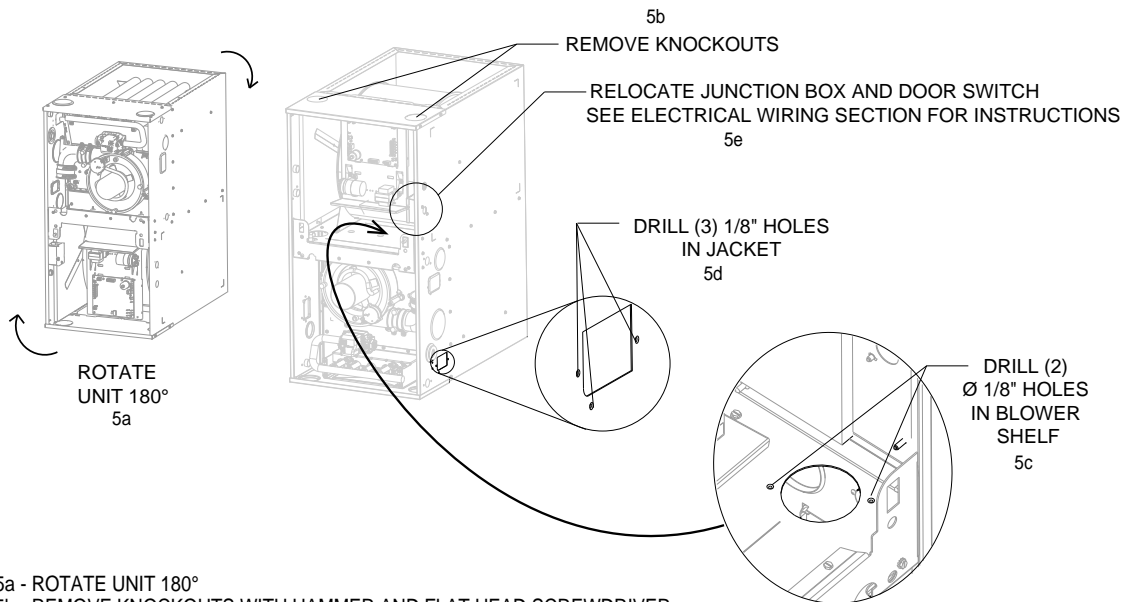
- 4a - RE-INSTALL ELBOW AND COUPLINGS (FROM STEP 1) IN THE ORIENTATION AS SHOWN.
- 4b - REMOVE $\varnothing .403$ " DRAIN PLUG FROM ELBOW PORT - DISCARD.
- 4c - INSTALL $1/2$ " VINYL CAP (YELLOW) ON INDUCER COUPLING.
NOTE: LEAVE COUPLING CLAMP CONNECTIONS LOOSE UNTIL STEP 10.

NOTE:

IF THE IDB COUPLING IS REMOVED, IT MUST BE REPLACED IN THE PROPER ORIENTATION. AN ARROW IS PRESENT ON THE COUPLING TO INDICATE THE DIRECTION OF EXHAUST FLOW. MAKE SURE THE ARROW POINTS IN THE CORRECT DIRECTION.

5

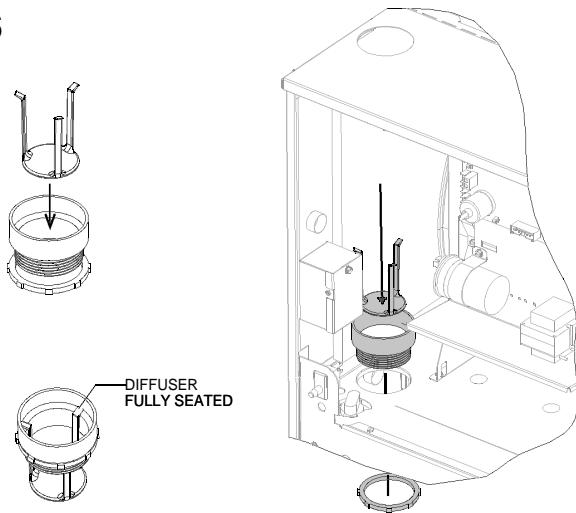
NOTE: STEPS 5 - 7 SHOWN WITH FURNACE IN DOWNFLOW ORIENTATION



- 5a - ROTATE UNIT 180°
- 5b - REMOVE KNOCKOUTS WITH HAMMER AND FLAT HEAD SCREWDRIVER.
- 5c - PRE-DRILL (2) $\varnothing 1/8$ " HOLES IN BLOWER SHELF AS SHOWN FOR FLUE PIPE ASSEMBLY.
- 5d - PRE-DRILL (3) $\varnothing 1/8$ " HOLES IN JACKET AS SHOWN FOR CONDENSATE TRAP.
- 5e - THE JUNCTION BOX WILL HAVE TO BE RELOCATED FOR FLUE PIPE INSTALLATION
NOTE: SEE ELECTRICAL WIRING SECTION FOR INSTRUCTIONS.

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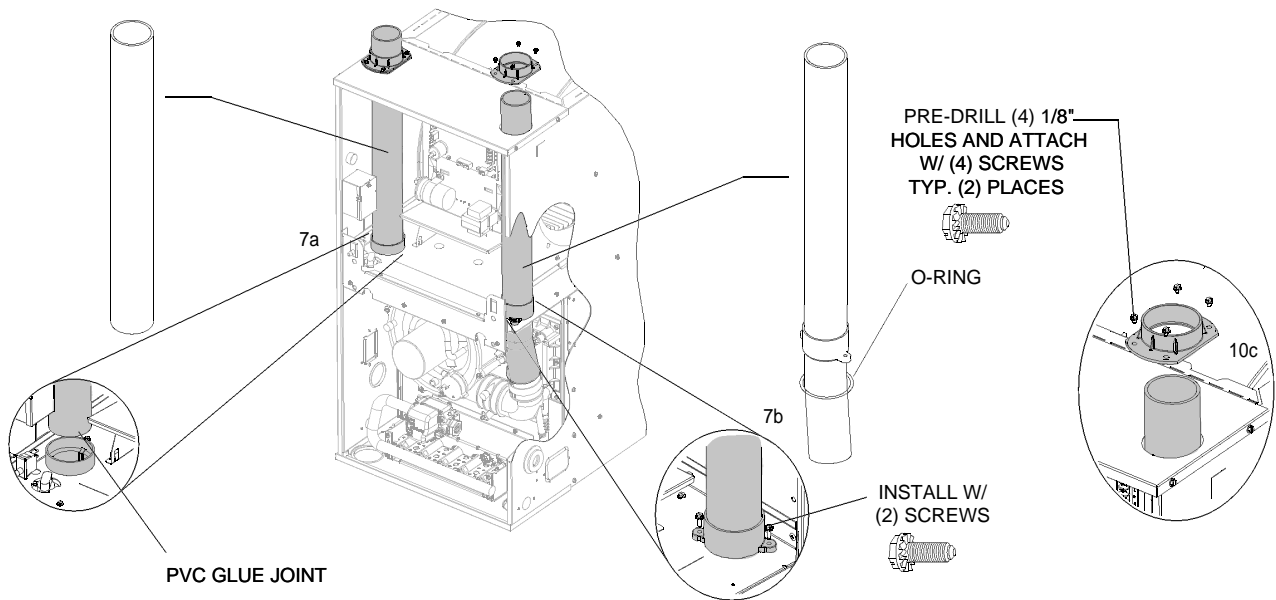
6



INSTALL INTAKE COUPLING IN BLOWER SHELF HOLE AS SHOWN. INSERT AIR DIFFUSER INTO COUPLING UNTIL TABS ARE SEATED.

NOTE: DIFFUSER MAY HAVE A TENDENCY TO FALL OUT OF THE COUPLING AT THIS STEP. THE INSTALLER MAY ELECT TO INSTALL THE DIFFUSER AFTER ROTATING THE FURNACE TO THE HORIZONTAL POSITION.

7

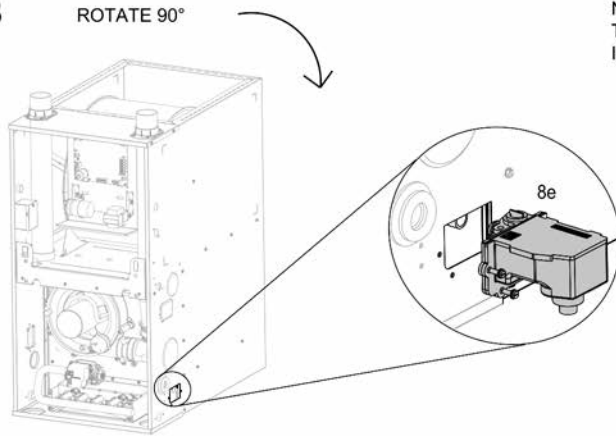


- 7a - **INSTALL INTAKE PIPE:** SLIDE INTAKE PIPE THROUGH THE LEFT SIDE KNOCKOUT, CLEAN AND PVC GLUE TO INTAKE COUPLING AS SHOWN.
- 7b - **INSTALL FLUE PIPE ASSEMBLY:** INSERT FLUE PIPE ASSEMBLY THROUGH RIGHT SIDE KNOCKOUT, (NOTE: SLIDE FROM UNDER PLATE). SLIDE ANGLED END THROUGH OPENING IN BLOWER SHELF AND ALIGN WITH ELBOW COUPLING. SECURE PIPE ASSEMBLY TO BLOWER SHELF WITH (2) SCREWS AS SHOWN. ENSURE O-RING IS PROPERLY SEATED.
- 7c - SLIDE PIPE COLLAR ASSEMBLIES OVER THE (2) PIPES AND DRILL (8) Ø1/8" HOLES USING THE COLLARS AS A TEMPLATE. SECURE WITH (8) SCREWS AS SHOWN.

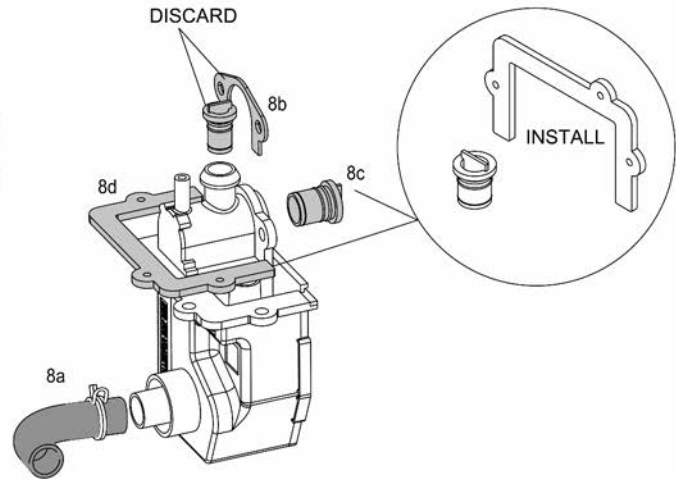
NOTE: REMAINING STEPS SHOWN WITH FURNACE IN HORIZONTAL LEFT ORIENTATION

8

ROTATE 90°

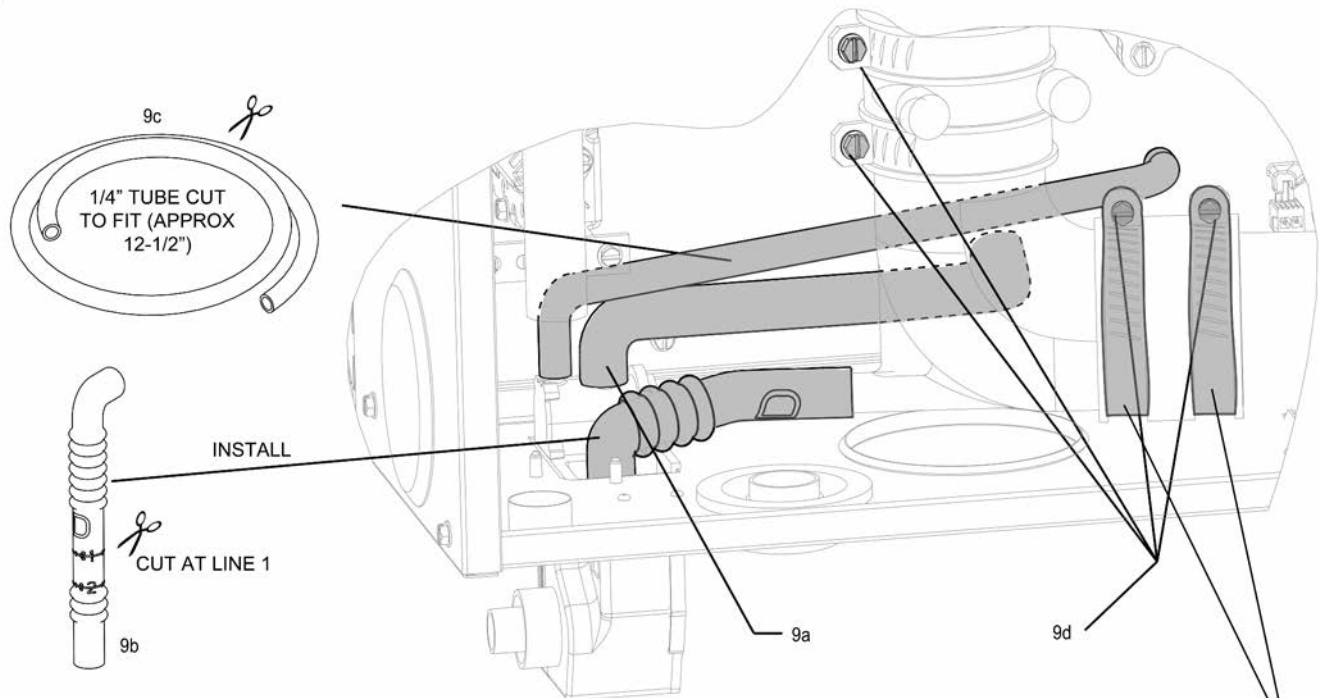


NOTE:
TO PREVENT DAMAGE TO THE TRAP, THE INSTALLER MAY ELECT TO INSTALL IT DURING A LATER STEP. (AFTER THE UNIT IS ROTATED)



- 8a - REMOVE HOSE "A" FROM TRAP ASSEMBLY AND DISCARD.
- 8b - REMOVE THE SMALL MOUNTING BRACKET AND THE Ø .403" DRAIN PLUG - DISCARD.
- 8c - INSTALL Ø .559" DRAIN PLUG IN CONDENSATE TRAP.
- 8d - INSTALL CONDENSATE TRAP GASKET AS SHOWN.
- 8e - MOUNT THE TRAP IN JACKET SIDE, USING (3) SCREWS.
- 8f - ROTATE UNIT 90°

9



SEE CRITICAL HOSE CLAMP LOCATION NOTE IN THE GENERAL COVERSON INSTRUCTIONS.

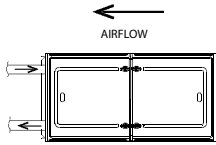
- 9a - ATTACH HOSE G TO THE TOP OF CONDENSATE TRAP.
- 9b - LOCATE HOSE D (REMOVED IN STEP 1) - CUT ON LINE 1 - INSTALL
NOTE: ROUTE FROM FLUE ELBOW TO FLUE SIDE TAP IN THE CONDENSATE TRAP.
- 9c - CUT 1/4" VENT TUBE TO FIT (APPROX. 12-1/2") AND INSTALL AS SHOWN.
NOTE: ROUTE FROM COLLECTOR BOX TO TOP OF CONDENSATE TRAP
- 9d - TIGHTEN ELBOW AND INDUCER CLAMPS TO FLUE PIPE W/ 5/16" NUT DRIVER.

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Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
- CONFIRM THAT ALL HOSES ARE FREE OF KINKS.
- CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW.
- BOTH WORM DRIVES ON THE HOSE CLAMPS OF THE FLUE TRANSITION MUST BE LOCATED ON THE TOP OF THE COUPLING. SEE LOCATION DETAIL IN THE GENERAL CONVERSION INSTRUCTIONS AT THE BEGINNING OF THIS SECTION.
- ALL CLAMPS AND COUPLINGS ARE TIGHTENED
- ALL DRAIN PORTS ARE PLUGGED.
- UNIT HAS FORWARD PITCH.
- HEAT TAPE INSTALLED(IF REQUIRED)

Notes:



HORIZONTAL LEFT / LEFT VENT

PARTS NEEDED:

FROM PARTS BAG (PROVIDED WITH UNIT)



INTAKE COUPLING
W/NUT



PARTS NEEDED FOR THIS CONVERSION REQUIRE ITEMS FROM THE PARTS BAG AND CONVERSION KIT RXGY-CK. YOU MUST HAVE THE PARTS OUTLINED BELOW BEFORE PROCEEDING.

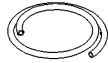
FROM CONVERSION KIT RXGY-CK



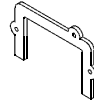
1/2" VINYL
CAP (YELLOW)



.559" CONDENSATE
TRAP DRAIN PLUG



1/4" BLACK
VENT TUBING



CONDENSATE
TRAP GASKET

(X3)



#8 X 1/2"
SCREW



1/2" DRAIN
HOSE E

TOOLS/MATERIALS NEEDED:

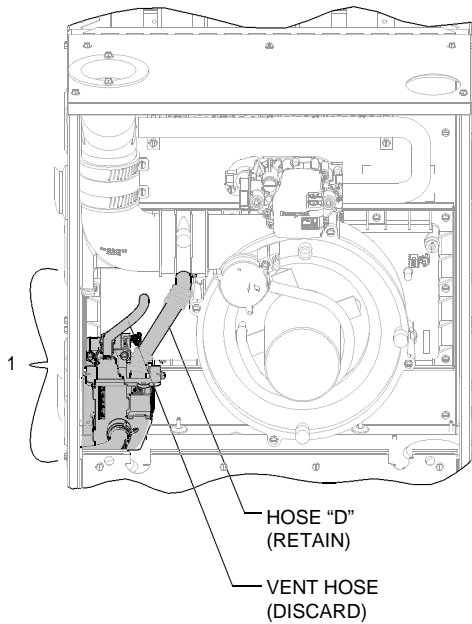
ELECTRIC DRILL
1/8" DRILL BIT

PLIERS
1/4" HEX HEAD DRIVER

TUBE CUTTER

NOTE: THESE CONVERSION INSTRUCTIONS ARE INTENTIONALLY GENERIC, SOME PARTS MAY BE DIFFERENT IN YOUR FURNACE
NOTE: STEPS 1- 4 SHOWN WITH FURNACE IN "AS SHIPPED CONFIGURATION"

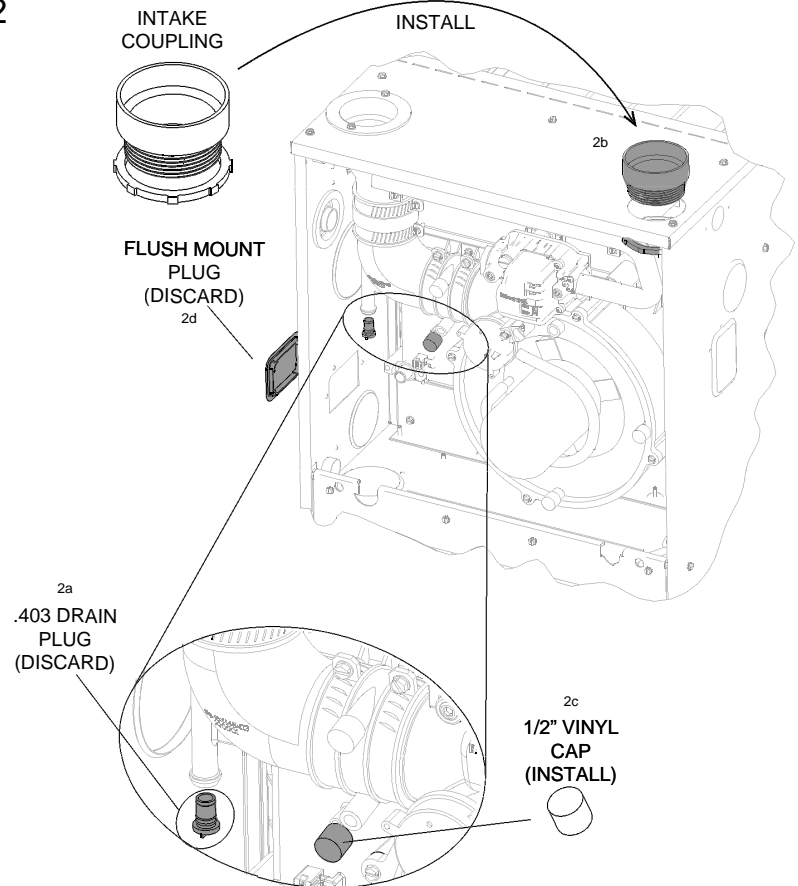
1



1 - REMOVE CONDENSATE TRAP AND HOSES.
(RETAIN HOSE D FOR LATER USE.)

(NOTE: TO REMOVE TRAP, REMOVE (2) SCREWS AND PULL STRAIGHT OUT.)

2



2a - REMOVE .403" DRAIN PLUG FROM FLUE ELBOW - DISCARD.

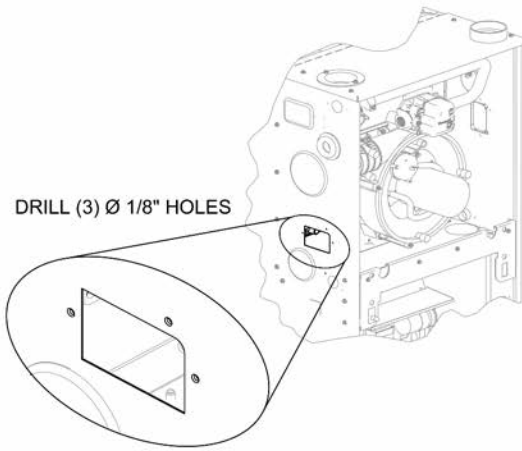
2b - INSTALL INTAKE COUPLING IN TOP PLATE.

2c - INSTALL 1/2" VINYL CAP (YELLOW) IN INDUCER COUPLING AS SHOWN.

2d - REMOVE RECTANGLE FLUSH MOUNT PLUG FROM JACKET SIDE-DISC/

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3

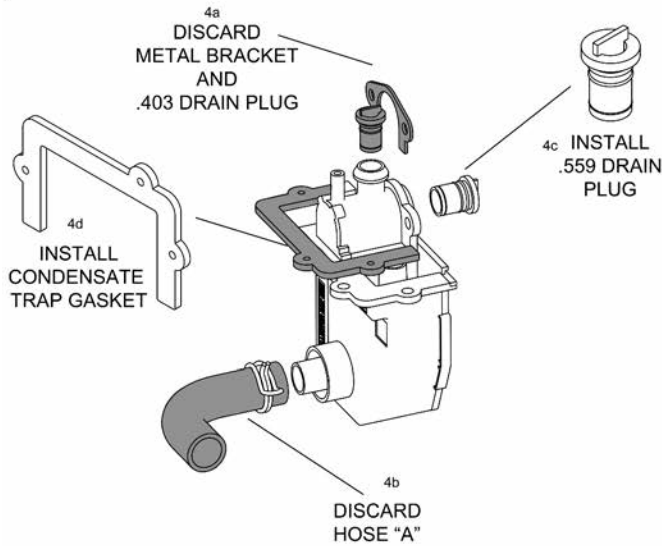


DRILL (3) Ø 1/8" HOLES

PRE-DRILL (3) Ø 1/8" HOLES AS SHOWN FOR CONDENSATE TRAP.

4

- 4a - REMOVE METAL BRACKET AND .403" DRAIN PLUG - DISCARD.
- 4b - REMOVE HOSE A - DISCARD
- 4c - INSTALL Ø.559" CONDENSATE DRAIN PLUG
- 4d - CONDENSATE TRAP GASKET AS SHOWN
- 4e - INSTALL CONDENSATE TRAP IN JACKET USING (3) SCREWS.

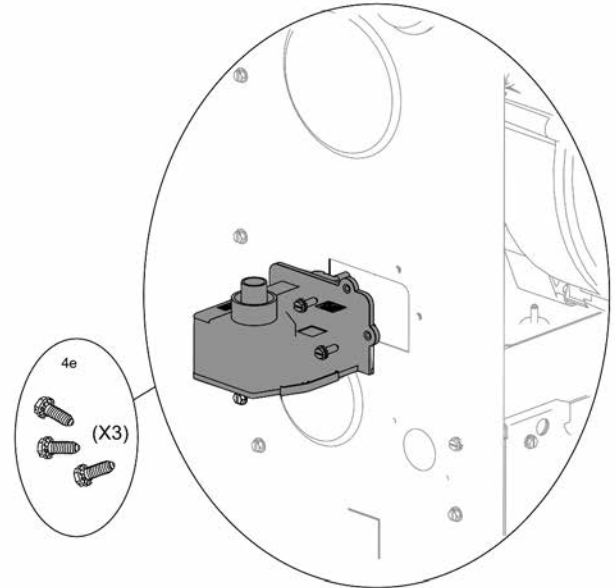


4a
DISCARD
METAL BRACKET
AND
.403 DRAIN PLUG

4c
INSTALL
.559 DRAIN
PLUG

4d
INSTALL
CONDENSATE
TRAP GASKET

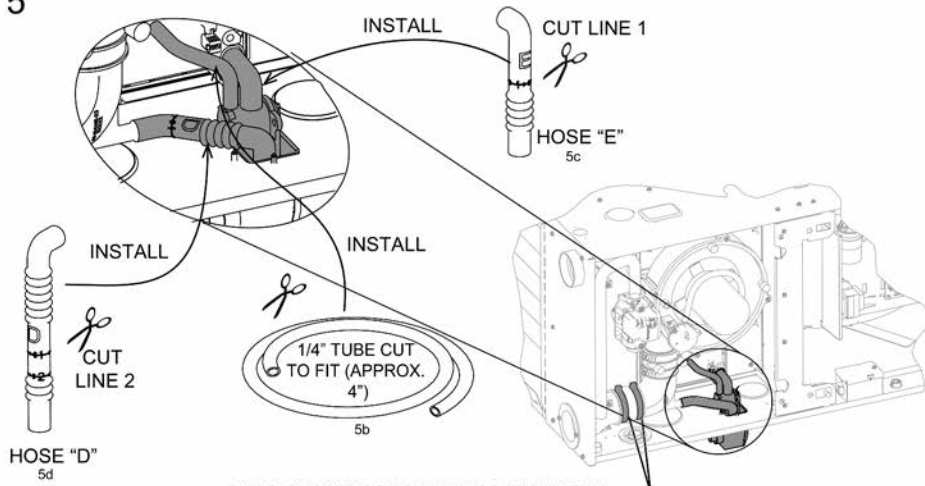
4b
DISCARD
HOSE "A"



NOTE:
TO PREVENT DAMAGE TO THE TRAP, THE INSTALLER
MAY ELECT TO INSTALL IT DURING A LATER STEP.
(AFTER THE UNIT IS ROTATED)

NOTE: REMAINING STEPS SHOWN WITH FURNACE IN HORIZONTAL RIGHT ORIENTATION

5



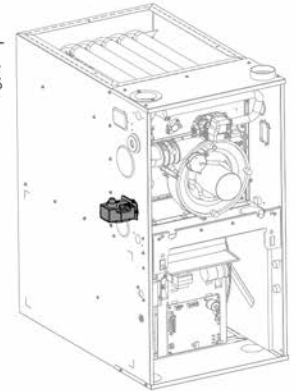
INSTALL
CUT LINE 1
HOSE "E"
5c

INSTALL
CUT LINE 2
1/4" TUBE CUT
TO FIT (APPROX.
4")
5b

HOSE "D"
5d

SEE CRITICAL HOSE CLAMP LOCATION NOTE
IN THE GENERAL COVERION INSTRUCTIONS.

5a
ROTATE
UNIT 90°



NOTE:
USE SOAPY WATER TO FACILITATE EASY
HOSE AND TUBE ASSEMBLY

- 5a - ROTATE UNIT 90°
- 5b - CUT 1/4" VENT HOSE TO FIT (APPROX. 6-1/2") AND INSTALL AS SHOWN.
- 5c - CUT HOSE E AT LINE 1 - INSTALL
- NOTE: MAKE SURE CUT IS STRAIGHT AND SQUARE**
- 5d - CUT HOSE D (REMOVED IN STEP1) AT LINE 2 -INSTALL

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Checklist:

- VERIFY ALL HOSES ARE SECURE AND FULLY SEATED.
- CONFIRM THAT ALL HOSES ARE FREE OF KINKS.
- CONFIRM ALL HOSES AND OTHER DRAIN PARTS HAVE A SLOPE IN DIRECTION OF WATER FLOW.
- BOTH WORM DRIVES ON THE HOSE CLAMPS OF THE FLUE TRANSITION MUST BE LOCATED ON THE TOP OF THE COUPLING. SEE LOCATION DETAIL IN THE GENERAL CONVERSION INSTRUCTIONS AT THE BEGINNING OF THIS SECTION.
- ALL CLAMPS AND COUPLINGS ARE TIGHTENED
- ALL DRAIN PORTS ARE PLUGGED.
- UNIT HAS FORWARD PITCH.
- HEAT TAPE INSTALLED(IF REQUIRED)

Notes:

