



Model: EEAC319/320A
KOOL KARE Xtreme™
UNIT SETUP

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Installation Instructions

**INSTALLATION MUST BE PERFORMED
BY
QUALIFIED PERSONNEL ONLY**

INSTALLATION OVERVIEW: _____

The Installation Procedure listed is for the Snap-on KOOL KARE Xtreme™ (EEAC319/320A). The unit is shipped as a fully assembled unit, with the exception of the items listed in the Parts & Accessories.

PLEASE READ THESE INSTRUCTIONS COMPLETELY BEFORE SETTING UP UNIT

PARTS & ACCESSORIES: _____

PART NUMBER	DESCRIPTION	QTY
1-15080	Adapter, Low Side	1
1-19281A	Filter Assembly, Particle	1
1-27180	Adapter, Service, High Side	1
1-27280	Adapter, Service, Low Side	1
1-05585A	Bottle, Disposable 8oz.	2
1-05685A	Bottle, Pump Oil Refill - EEAC319 only	1
1-07184A	Support, vibration control	1
1-42401A	Screw, 10-32 x 1.25" Hexhead	1
8-1163	Equipment Certificate	1
8-1263	Technician Certificate	1
EAA0275L05A	Recovery Tank Assembly (R-134a)	1
EAH0001C01A	Red Hose	1
EAH0001C02A	Blue Hose (EEAC319A Only)	1
EAH0040L22A	Blue Hose w/Vacuum Pump Port (EEAC320A Only)	1
TEEAC319A0	Installation Instructions	1
ZEEAC319A	User's Manual	1

REQUIRED TOOLS: _____

- Safety Goggles
- R-134a Virgin Tank (Supplied by Customer)
- Gloves
- 5/6" Nut driver



CAUTION!

THIS UNIT MUST BE PLUGGED INTO A PROPER AC OUTLET FOR UNIT TO OPERATE CORRECTLY. REFER TO THE UNIT ID PLATE LOCATED ON BACK OF UNIT. EXTENSION CORDS ARE NOT RECOMMENDED, BUT IF AN EXTENSION CORD MUST BE USED, USE A CORD THAT IS LESS THAN 50 FEET WITH A 16 AWG, OR ABOVE 50 FEET AND LESS THAN 100 FEET WITH A 14 AWG.



WARNING!

USE STANDARD REFRIGERANT HANDLING SAFETY PROCEDURES WHEN PERFORMING INSTALLATION

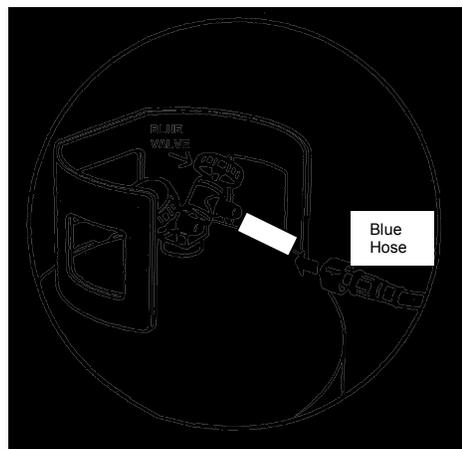
ALWAYS WEAR SAFETY GOGGLES, DON'T SPILL OR TOUCH LIQUID REFRIGERANT, AVOID FLAMES, AND EXCESSIVE HEAT. USE ONLY IN WELL-VENTILATED AREA.

PARTS & ACCESSORIES SETUP

1. Remove the Blue and Red Hoses from the box. Remember to **OIL** the seals on each end of the hoses.
2. If necessary, connect the high (red) and low (blue) couplers to their respective hoses. Rotate coupler knobs fully CCW (closed).
3. Attach other end of the blue hose to lower, blue labeled (low side) port on the back panel of the KOOL KARE Xtreme™ unit. Dress hose down to the right side of the unit.
4. Attach other end of the red hose to upper, red labeled (high side) port on the back panel of the KOOL KARE Xtreme™ unit. Dress hose down to the right side of the unit.
5. Find threaded insert located on cabinet above and to the right of the tank and secure hoses to the cabinet with the hose clamp (1-07184A) and screw (1-42401A) provided.
6. Install plastic oil bottles (1-05585A) to the white caps mounted in the front of the unit.
7. Remove the User's Manual, MAC Form/Certification, Product Registration Form, and Warranty Registration from the box. Hand these items to the Owner or Manager.
8. Remove Recovery Tank (EAA0275L05A) from its box. Remove cardboard wrap from Recovery Tank and set on floor.
9. Remove cardboard from scale plate.
10. Check and tighten hose fittings that connect to Master Filter/Dryer.

PREPARING RECOVERY TANK:

1. Referring to FIGURE 1, open the **BLUE** valve on Recovery Tank to release ALL COMPRESSED AIR.
2. Install Particle Filter (1-19281A) on blue valve port of Recovery Tank.
3. Gently set the Recovery Tank on the scale.
4. Rotate the tank so the valves face towards the rear of the unit.
5. Place the strap around the Recovery Tank.
6. Install the supplied tank adapter 1-15080 on the Particle Filter installed in step 2.
7. Attach the blue vehicle hose w/adapter to the Low side of the tank (Adapter). Open Service Adapter by turning fully clockwise.

**FIGURE 1 RECOVERY TANK**

8. Plug AC Cord to a proper 115VAC outlet. And turn-on the unit by the rear panel switch.

NOTE: In the unlikely event, the LCD screen is unreadable upon power up, adjust LCD contrast. Refer to the user's manual for contrast adjustment.

9. Press the Down Arrow Button until Arrow on display is pointing to "VACUUM".
 - a. Press <ENTER>.
 - b. Press the Down arrow until desired amount of vacuum time is displayed (15 minutes).
 - c. Press <NEXT>.
 - d. Turn the front panel valve to LOW.
 - e. Press <START>, vacuum pump should turn ON in about 5 seconds.
10. The low side gauge shows vacuum increasing.
11. Monitor low side gauge until a minimum of 25 inches has been reached.
12. Once completed, close the Recovery Tank valve (**BLUE**). Close the blue Service Adapter.
13. Press <EXIT>. Close panel valve. Press <NEXT> Main Menu appears.
14. Remove the blue vehicle hose w/adapter from the tank.

NOTE: Remove the R-134a tank adapter, (1-15080) and place in the storage tray.

15. Identify the three hoses leading from the bottom of the unit. Connect the yellow hose to the tank purge port.
16. Identify the blue hose leading from the bottom of the unit. Connect hose with the anti-blowback valve to the Particle Filter on the blue (liquid) valve of the Recovery Tank.
17. Identify the red hose leading from the bottom of the unit. Connect hose with the anti-blowback valve to the red (vapor) valve of the Recovery Tank.
18. Open both red and blue valves on tank. Unit is ready for operation.

**Refer to the user's manual for pre-charging tank.
Refer to next page for first time fast charge.**

INSTALLATION COMPLETE

PRE-CHARGING RECOVERY TANK USING GRAVITY METHOD:

NOTE: THIS PROCEDURE IS USED TO SETUP THE UNIT FOR CHARGING. RECOVERY TANK SHOULD HAVE AT LEAST A 25" VACUUM. THIS PROCEDURE IS DONE WHEN RECOVERY TANK IS ON THE SCALE

1. Plug unit in and turn on. Press <AMOUNTS>, then press <MORE> to read chargeable amount.
2. Be sure Recovery Tank valves (B) are closed and tank is in vacuum on scale. Refer to FIGURE 2.
3. Disconnect the Blue hose from the Recovery Tank.
4. Disconnect and **Re-Oil** both of the seals on blue service hose (C). Connect the finger tight Acme thread connector of the blue service hose to the Virgin Tank (A).
5. If not already done, connect the Low Side Adapter (1-15080) to the particle filter on the blue side of the Recovery Tank.
6. Connect the service coupler of the blue service hose to the Low Side Adapter on the Blue Valve on the Recovery Tank (B).
7. Open the blue Valve on the Recovery Tank.
8. Raise the Virgin Tank to a higher level than the Recovery Tank. Invert the Virgin Tank (A) and open valve.
9. Gravity and vacuum will transfer the liquid refrigerant to the Recovery Tank faster than recovering it.

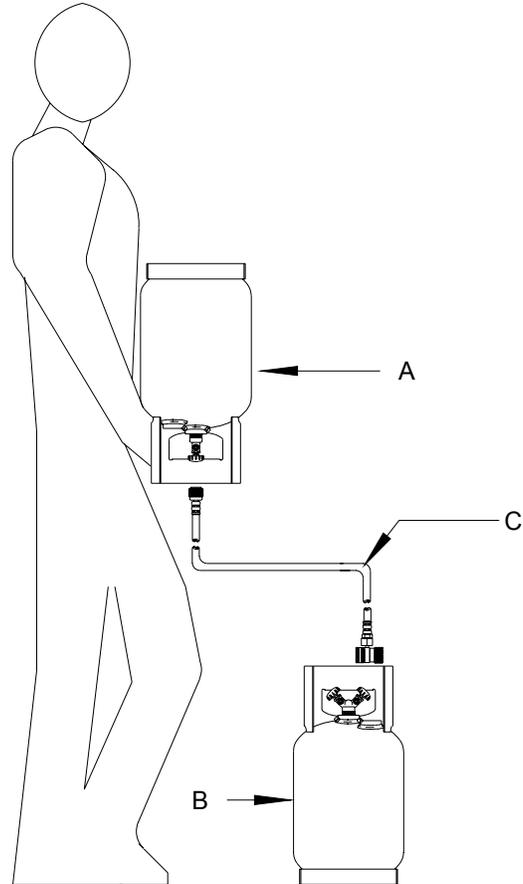


FIGURE 2 CHARGING TANK

NOTE: THE SCALE WILL NOT START READING UNTIL ABOUT 3 Lbs. OF REFRIGERANT HAS "PRIMED" THE TANK.

NOTE: DO NOT OVER CHARGE TANK. THE SAFE AMOUNT TO CHARGE IS AROUND 15 LBS.

10. After the desired amount of refrigerant has been transferred, close valves on Virgin Tank first, pause to allow refrigerant to flow into the Recovery Tank, then close Recovery Tank valve. Set Virgin Tank on ground upright.
11. Close service coupler (CCW) and disconnect from tanks. Remove the Low Side Adapter from the Recovery Tank. Slowly loosen hose fitting from Virgin tank allowing vapor to escape.
12. **Re-Oil** seals on anti-blow back valve on the blue Hose from unit and connect to Recovery Tank. Open both Recovery Tank valves.
13. **Re-Oil** seals on blue service hose. Connect the end opposite the service coupler of the Blue hose to the Low side bulkhead fitting.
14. Unit is ready to recover and charge refrigerant.

REMEMBER TO OIL O-RINGS AND SEALS WHEN ATTACHING HOSES OR FITTINGS