



TIF8200

INSTALLATION INSTRUCTIONS

FOR TIF8200 R12

CONTAMINATION DETECTOR



The TIF8200 can be installed on any type or brand of recovery/recycling unit.

Please refer to the Instruction Labels on the instrument for complete operating instructions. If you have any questions on installation or operation, please call 1-800-327-5060.

CONTENTS:

Section A-	Single Inlet Machines w/Handlebars
Section B-	Dual Inlet Machines w/Handlebars
Section C-	Other Machines



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SECTION A- SINGLE INLET RECOVERY MACHINES WITH HANDLE BARS

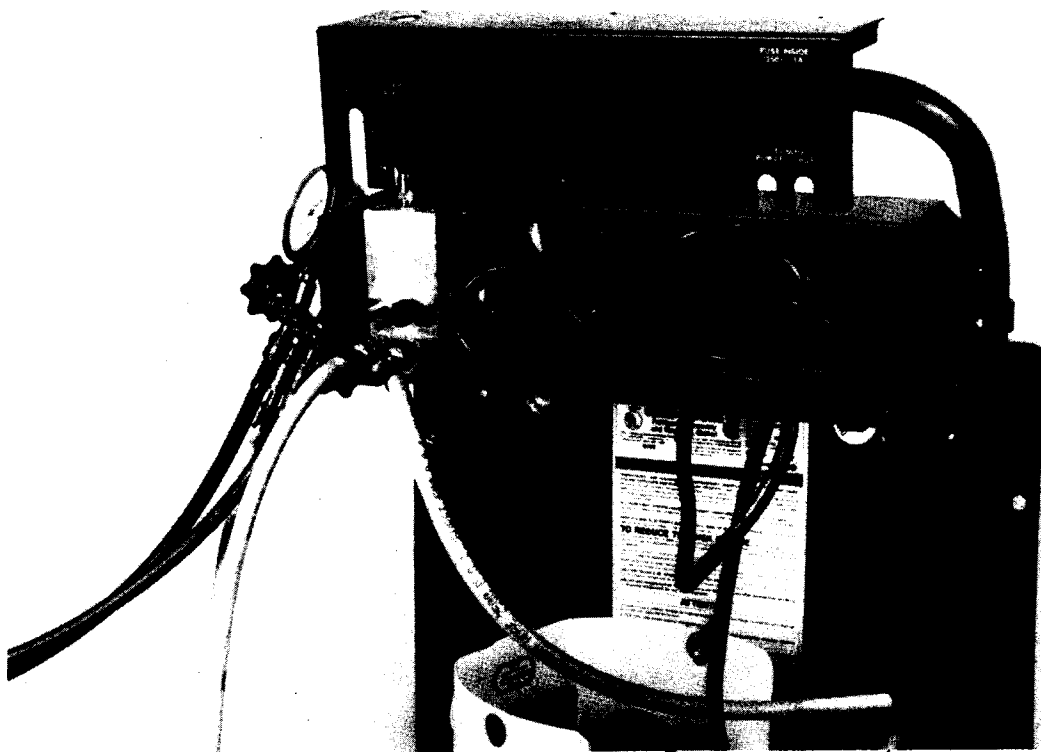
(e.g. Robinair 17400, Kent Moore ACR³)

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IMPORTANT!!

- DO NOT INSTALL ON ANY TYPE OF R134a REFRIGERANT RECOVERY DEVICE OR SYSTEM.
- DO NOT INSTALL IN ANY POSITION OTHER THAN THAT INDICATED IN THE INSTRUCTIONS.

1. Clamp instrument to top of recovery cart by securely fastening "U" shaped clamps around recovery cart handle bars as shown in Figure 1.
2. Remove contaminated refrigerant recovery port cap and retention strap.
3. Remove eight (8) Phillip's head screws from back cover of instrument.
4. Remove back cover (keep handy for hose attachment reference).
5. Connect yellow (center) hose from a manifold gauge set (or recovery hose if a manifold gauge set is not used) to the instrument's inlet port marked "LOW VEHICLE".
6. Connect one end of the blue hose provided to instrument's outlet port marked "LOW R/R".
7. Slide sleeve of shrink tubing provided over other end of blue hose and connect hose to recovery inlet port of recovery cart.
8. Using a heat gun, shrink tubing on hose fitting to prevent removal of hose from recovery cart.
9. Leave "HIGH R/R" and "HIGH VEHICLE" ports capped for this installation.
10. Plug 110 volt cord of recovery cart into the back of the instrument.
11. Coil recovery cart 110 volt power cord into a loop so it will fit under back cover of instrument. A wrap of electrical tape to hold the cord in loop form is helpful.
12. Reinstall back cover with the eight screws making sure electrical cords are properly positioned in notches of back cover.
13. Reinstall black plastic cap and retention strap on contaminated recovery port.
14. Installation complete.



CALL 1-800-327-5060 FOR TECHNICAL ASSISTANCE

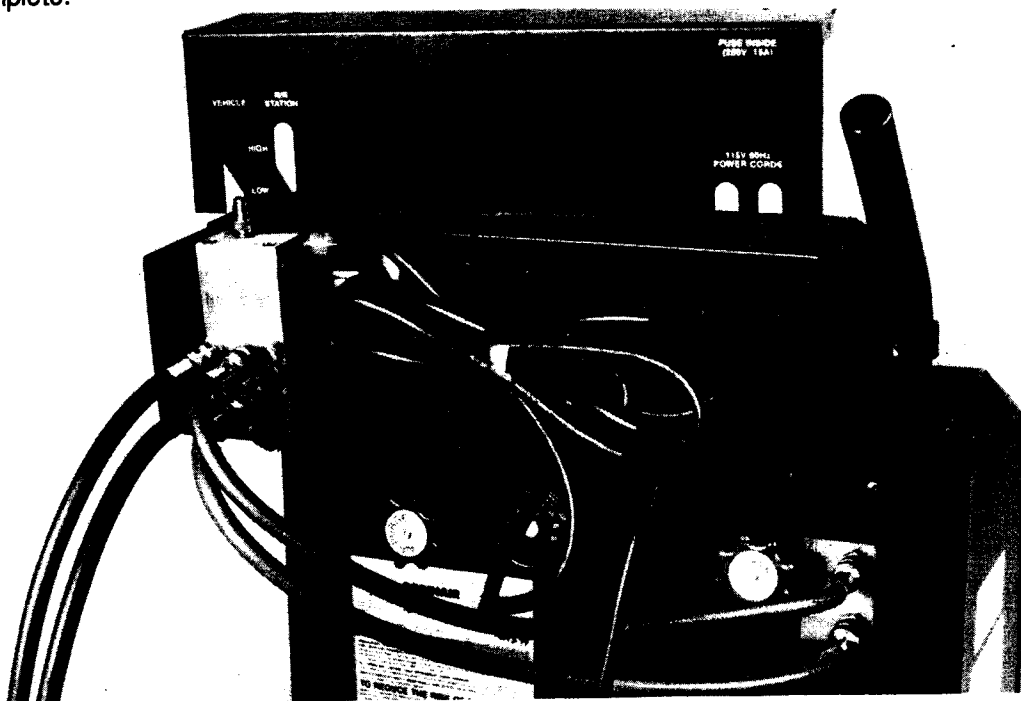
SECTION B- DUAL INLET RECOVERY MACHINES WITH HANDLE BARS

(e.g. Robinair 17700)

IMPORTANT!!

- DO NOT INSTALL ON ANY TYPE OF R134a REFRIGERANT RECOVERY DEVICE OR SYSTEM.
- DO NOT INSTALL IN ANY POSITION OTHER THAN THAT INDICATED IN THE INSTRUCTIONS.

1. Clamp instrument to top of recovery cart by securely fastening "U" shaped clamps around recovery cart handle bars as shown in Figure 2.
2. Remove contaminated refrigerant recovery port cap and retention strap.
3. Remove eight (8) Phillip's head screws from back cover of instrument.
4. Remove back cover (keep handy for hose attachment reference).
5. Disconnect low side (blue) service hose from the back of recovery cart and connect to the instrument's inlet port marked "LOW VEHICLE".
6. Disconnect High side (red) service hose from back of recovery cart and connect to instrument's inlet port marked "HIGH VEHICLE".
7. Connect one end of blue hose provided to instrument's outlet port marked "LOW R/R".
8. Slide sleeve of shrink tubing provided over other end of blue hose and connect hose to low side port of recovery cart.
9. Connect one end of red hose provided to instrument's outlet port marked "HIGH R/R".
10. Slide sleeve of shrink tubing provided over other end of red hose and connect hose to high side port of recovery cart.
11. Using a heat gun, shrink tubing on hose fittings to prevent removal of hoses from recovery cart.
12. Plug 110 volt cord of recovery cart into the back of the instrument.
13. Coil recovery cart 110 volt power cord into a loop so it will fit under back cover of instrument. A wrap of electrical tape to hold the cord in loop form is helpful.
14. Reinstall back cover with the eight screws making sure electrical cords are properly positioned in notches of back cover.
15. Reinstall black plastic cap and retention strap on contaminated recovery port.
16. Installation complete.



CALL 1-800-327-5060 FOR TECHNICAL ASSISTANCE

SECTION C- SINGLE OR DUAL INLET RECOVERY MACHINES WITHOUT HANDLE BARS (i.e. Cabinet Type)

(e.g. RTI, White, Sun)

IMPORTANT!!

- **DO NOT INSTALL ON ANY TYPE OF R134a REFRIGERANT RECOVERY DEVICE OR SYSTEM.**
- **DO NOT INSTALL IN ANY POSITION OTHER THAN THAT INDICATED IN THE INSTRUCTIONS.**

1. A Universal mounting bracket (P/N TIF8105) is available by calling 1-800-327-5060.
2. Select a flat surface on top of recovery system cabinet to mount instrument.
3. Firmly attach TIF8105 bracket to recovery system cabinet by using the velcro strips provided or mounting bolts/screws.
4. Mount by first removing "U" shaped brackets from instrument and then attach to TIF8105 bracket using the same screws.
5. Remove contaminated refrigerant recovery port cap and retention strap.
6. Remove eight (8) Phillip's head screws from back cover of instrument.
7. Remove back cover (keep handy for hose attachment reference).
8. Follow instructions from Section A or B as appropriate. For SINGLE inlet machines, proceed from Step 5, Section A; For DUAL inlet machines, proceed from Step 5, Section B.

Limited Warranty and Repair/Exchange Policy

This instrument has been designed and manufactured to provide unlimited service. Should the unit be inoperative, after performing the recommended maintenance, a no-charge repair or replacement will be made to the original purchaser if the claim is made within one year from the date of purchase. This warranty applies to all repairable instruments that have not been tampered with or damaged through improper use.

NOTE: Failure to operate in accordance with the instructions, mounting in a fashion other than outlined in this installation guide and/or running a 'flush' through the instrument are all cause for a void of this warranty.

Returning Your Unit For Repair

Before returning your instrument for repair please contact Customer Service at the number listed below. Repaired or replaced tools will carry an additional 90 day warranty.

Instructions for Re-Calibrating KENTMOORE PUREGAURD J39851 Pressure Switches (Unit displays service code "002")

TOOLS NEEDED:

- 1 7/32" ALLEN (HEX) WRENCH
- 1 PHILLIPS SREWDRIVER
- 1 FLAT HEAD SREWDRIVER

WARNING: Make certain PUREGUARD is switched off and unplugged to avoid electrical shock during servicing.

1. Remove the back cover by unscrewing the eight (8) screws and lifting away. Remove the six (6) case top screws (See Fig. 1).

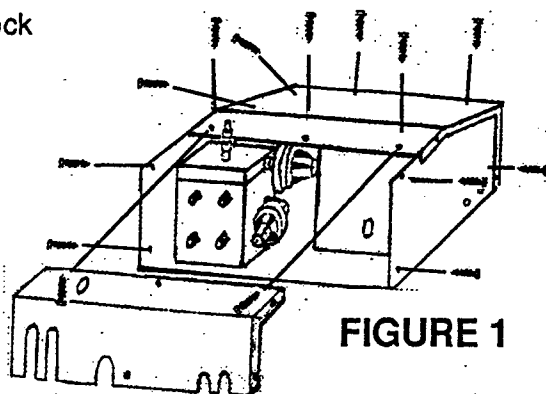


FIGURE 1

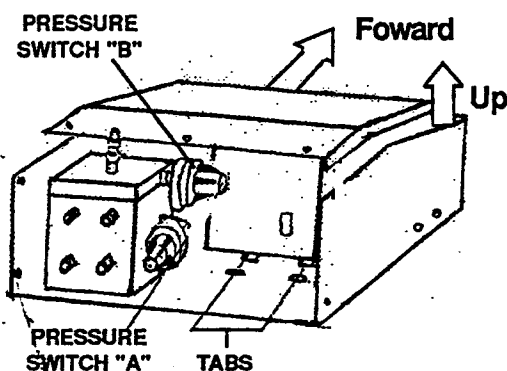


FIGURE 2

- 2a. Carefully lift the back of the top cover just enough to clear the tabs from the slots in the bottom of the case (See Fig. 2) If necessary, use a flat head screwdriver to gently pry up the case top.

- 2b. Carefully, slide the top cover forward (as shown in Fig. 2) just enough to allow access to the end of pressure switch "B".

CAUTION: DO NOT lift the top cover up too high or attempt to remove it completely, this will damage the unit.

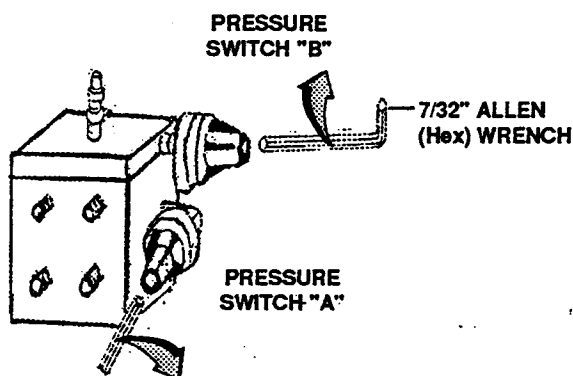


FIGURE 4

4. Remove the Rubber Cap from the end of pressure switch "B" as before. Using the Allen wrench, rotate the hex nut one and one-half (1½) revolutions clockwise (Fig. 4). Replace Rubber Cap.

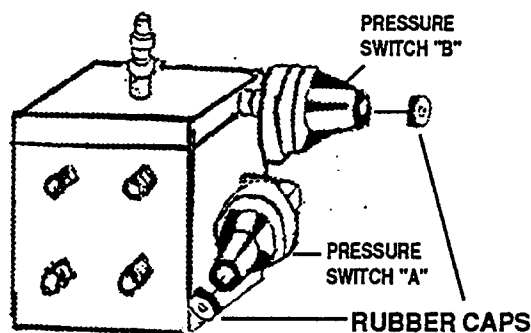


FIGURE 3

3. Remove the Rubber Cap from the end of pressure switch "A" by prying it out with a small Flat Head Screwdriver (See Fig. 3). Using the 7/32" Allen wrench (hex wrench), rotate the hex nut, located in the end of pressure switch "A", three (3) full revolutions clockwise. (Fig. 4). Replace Rubber Cap.