

Part # 22-2185

GENERAL OPERATING INSTRUCTIONS:

R-134a RETROFIT SWITCH KIT

**I KNOW,
I KNOW ...** *But Read Carefully Before
Using Equipment Anyway.*



DISCLAIMER

We believe the information contained herein to be reliable. However, general technical information is given by us without charge and the user shall employ such information at his own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part. **Always refer to specific instructions and technical information supplied by vehicle manufacturer.**

All warranties expressed or implied, including warranties on merchantability and fitness of purpose, are null and void if the equipment is altered, damaged or misused in any way, or if equipment is not repaired by authorized repair station using authorized parts.

WARNING: Wiring diagrams shown are generic in nature. Always consult vehicle service manual for correct wiring schematic. Switches should only be installed by qualified personnel with automaive electrical and air conditioning system knowledge.

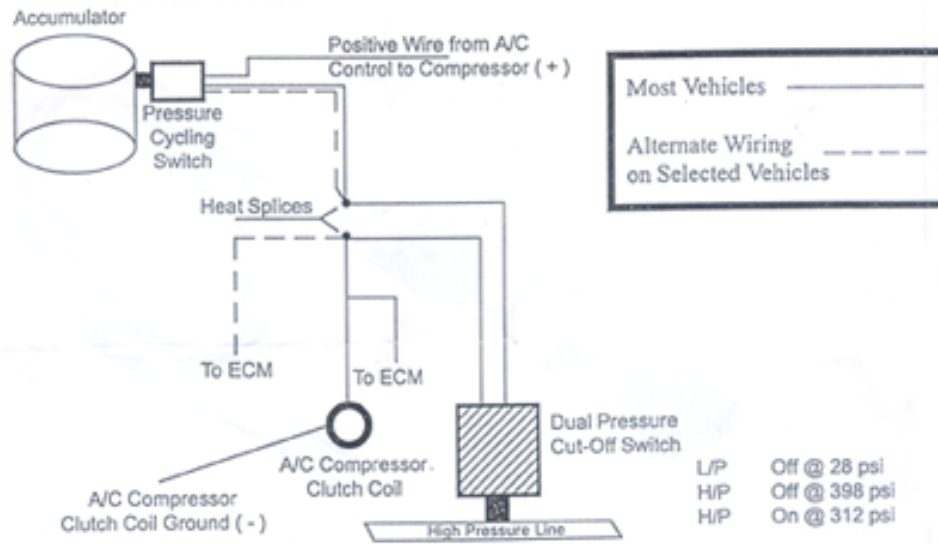


INSTALLATION

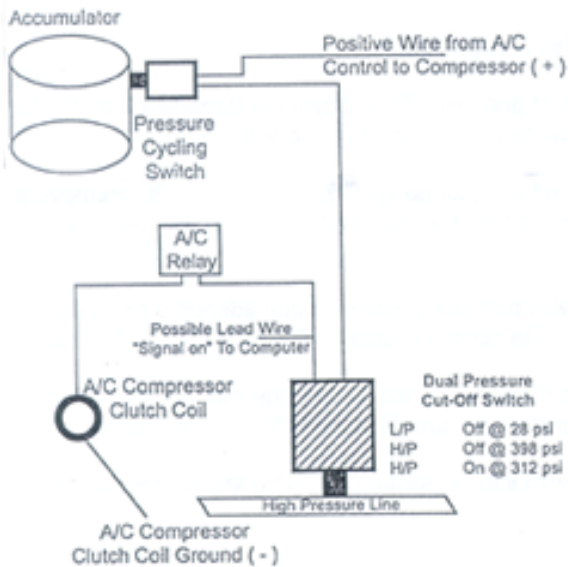
1. Familiarize yourself with the specific vehicles wiring diagram.
2. Clean the R-12 high-sideservice port of dust and rust. This allows the thread-lock on the “tee” fitting to set correctly and prevents any debris from entering the service port.
3. Check that all refrigerant has been recovered and that no system pressure exists. Remove and discard the R-12 valve core located in the high-side service port fitting. The R-134a “tee” fitting contains a new valve core.
4. Screw the R-1234a “tee” fitting onto the service port and position so that adequate room exists for attaching the pressure switch and the R-134a service coupling. **DO NOT OVER TIGHTEN.**
5. The High Pressure Cutoff (HPCO) Switch contained in the kit already has an o-ring installed. Install the HPCO switch into the female port of the “tee” fitting until the switch “bottoms out”.
6. Attach the wire harness to the switch and wire into the system following the vehicle wiring schematic.
7. Tie off any loose wire.



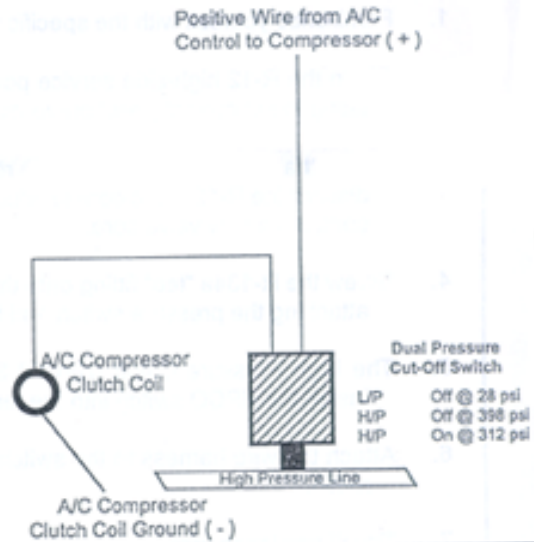
**Figure 1
Wiring for Typical GM Vehicles**



**Figure 2
Wiring with Computer and Relay**



**Figure 3
Wiring with No Computer and No Relay**



Wiring diagrams shown are generic in nature. Always consult vehicle service manual for correct wiring schematic. Switches should only be installed by qualified personnel with automotive electrical knowledge.

For Technical Questions & Replacement Parts call 845-562-1442. In the unlikely event that you need factory repair, part or item must be securely packed and shipped prepaid to:

Classic Tool Design, Inc.
Repair Department
31 Walnut Street, New Windsor, NY 12553

