

PARTS PACKING LIST

Evaporator Core
Switch
Accumulator W/Cycling Switch
Accumulator Bracket
Hardware package



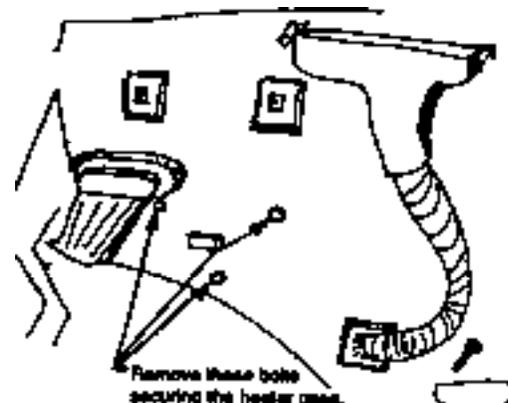
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14378 GM Pickup

With vent louvers in the dash
1988-96

EVAPORATOR INSTALLATION INSTRUCTIONS

1. Disconnect the battery. This is most important because the ignition EFI computer must be removed into install the A/C system.
2. Remove the radiator overflow tank from the firewall. (2 bolts) Remove the air cleaner silencer from the passenger fender well for more access.
3. Drain the water from the radiator. Remove the heater hoses from the heater core tubes located on the firewall. Blow air through the heater core to remove all the water to prevent a mess on the interior when removing the case assembly.
4. Remove the glove box. Remove clips securing the EFI computer and disconnect the wiring. (Diesel do not have this computer.) Remove the computer from the vehicle. Remove the computer bracket from the heater assembly.
5. Disconnect the wiring harness which are routed under the heater case assembly. NOTE: If equipped with an antenna wire, follow the wire back to the radio box (Located behind the dash near the steering column). Remove the ash tray to gain access to the antenna wire. Disconnect it from the radio box and pull wire out of the dash area to gain slack in the wire for removal of the heater case assembly.
6. Remove the screw securing the heater deflector on the bottom of the heater assembly. Pry off the deflector.
7. Remove the 3 bolts through the firewall securing the case to the firewall. (located behind where the radiator overflow bottle was located) Remove the nut from the stud located above where the heater hoses come through the firewall. Remove the 2 bolts (one is a nut on a stud and the other a screw) in the firewall located behind the air cleaner area. See Diagram. Through the glove box opening remove the screw on the top side of the case securing to the firewall.



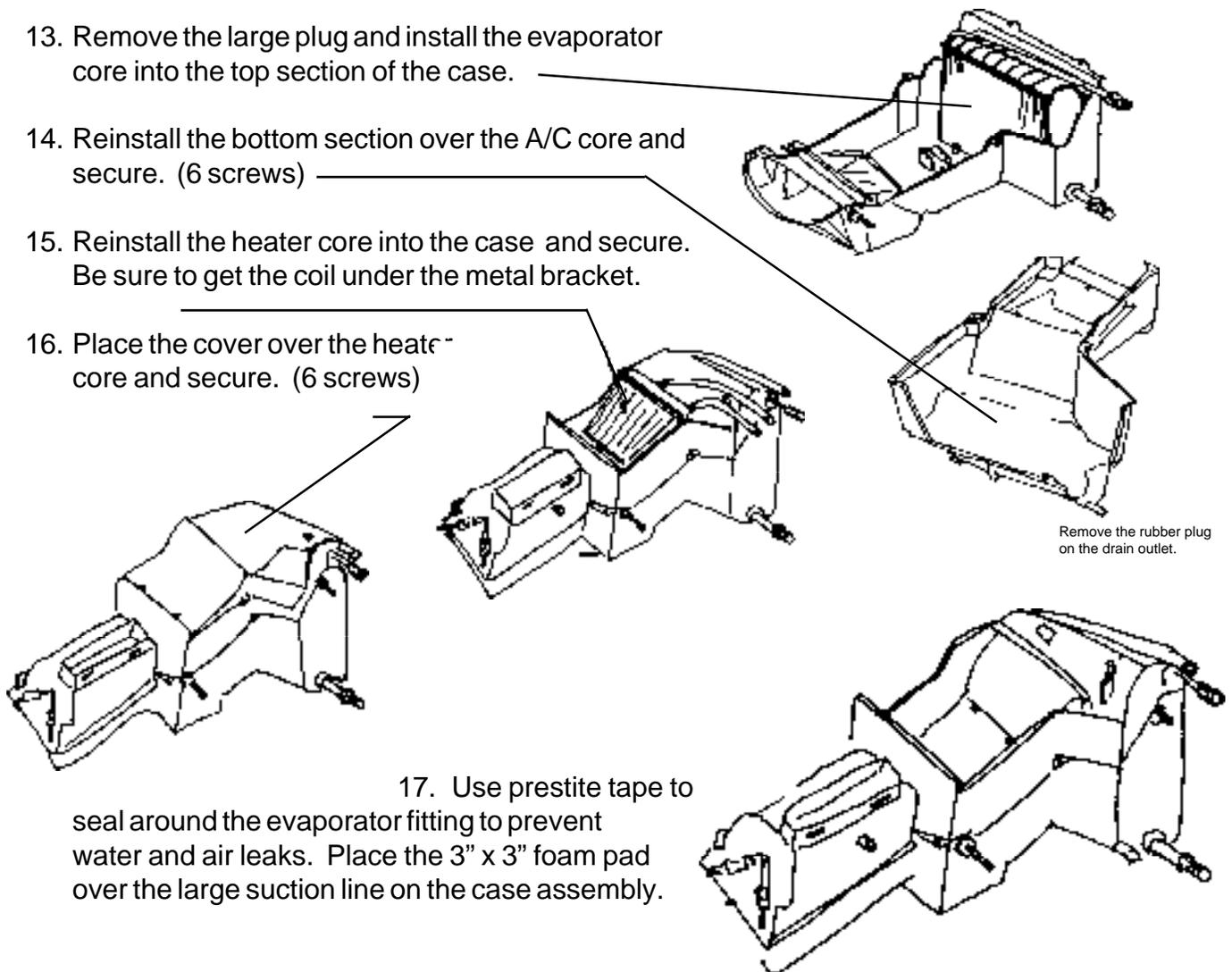
8. Remove the three cables from the case. Note: Remove the two screws from the clips holding the fresh air cable to the case assembly.
9. Remove the side kick panel by first removing the screw from the floorboard threshold and prying the panel off. Remove the blot behind the kick panel securing the dash. Pry the dash outwards off the stud. Also remove the screw from the lower dash support located near the ash tray assembly.
10. Pry off the speaker grill located on the top side of the dash. Remove the screws located under the grills holding the top of the dash. Remove the three screws located in the defroster outlet securing the dash.
11. The heater assembly should be loose. Pull the assembly away from the firewall. Remove the 4 screws attaching the blower section to the heater case assembly. Pry the dash outward and remove the blower section first, then the case assembly. (Very tight fit!)
12. Place the heater assembly on the bench. Disassemble the case to install the evaporator core into the heater case. Remove the heater core assembly then separate the case to install the evaporator core.

13. Remove the large plug and install the evaporator core into the top section of the case.

14. Reinstall the bottom section over the A/C core and secure. (6 screws)

15. Reinstall the heater core into the case and secure. Be sure to get the coil under the metal bracket.

16. Place the cover over the heater core and secure. (6 screws)



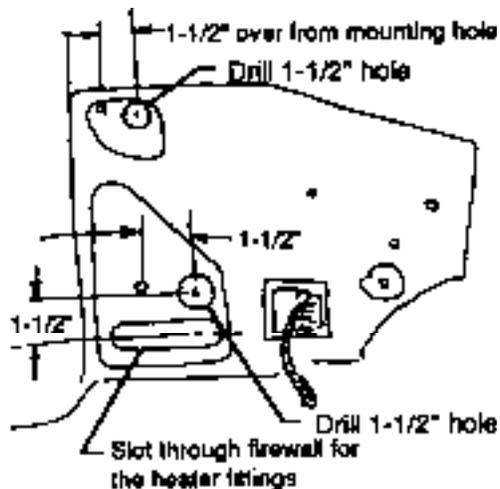
17. Use prestite tape to seal around the evaporator fitting to prevent water and air leaks. Place the 3" x 3" foam pad over the large suction line on the case assembly.

18. RECIRCULATION OF INSIDE AIR MODIFICATION.

Remove the fresh air door from the blower motor section and discard the door. Secure the plastic air plug to cover the fresh air inlet in the vehicle with a few screws. This will allow air to be recirculated, with no outside air, producing colder A/C temperatures. If outside air is desired, do not do this modification, just install the blower assembly as it was removed.

19. Drill two 1-1/2" holes through the firewall for the refrigerant lines as shown.

20. Now is the time to install the case assembly into the vehicle. Pull the dash outwards and place the heater case under the dash. Pull the dash outwards placing the blower section under the dash. Resecure the heater case and the blower assembly together using the 4 screws removed. Pull the dash outwards and slide the assembly on to the firewall. Re-secure the case assembly with the screws previously removed.



21. Reinstall the two heater control cables onto the heater case. NOTE: The passenger side vent cable is not used. Attach the wires to the resistor block and to the blower motor. Reinstall the computer bracket and computer. Be sure to connect the wires to the computer before install onto the bracket.

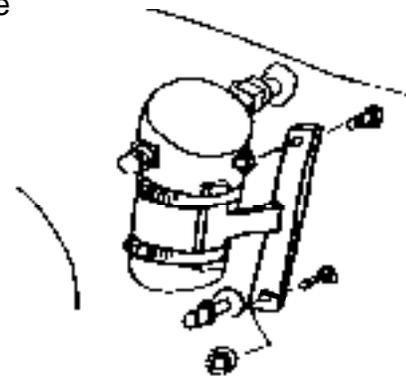
22. Attach the heater deflector to the bottom of the heater case.

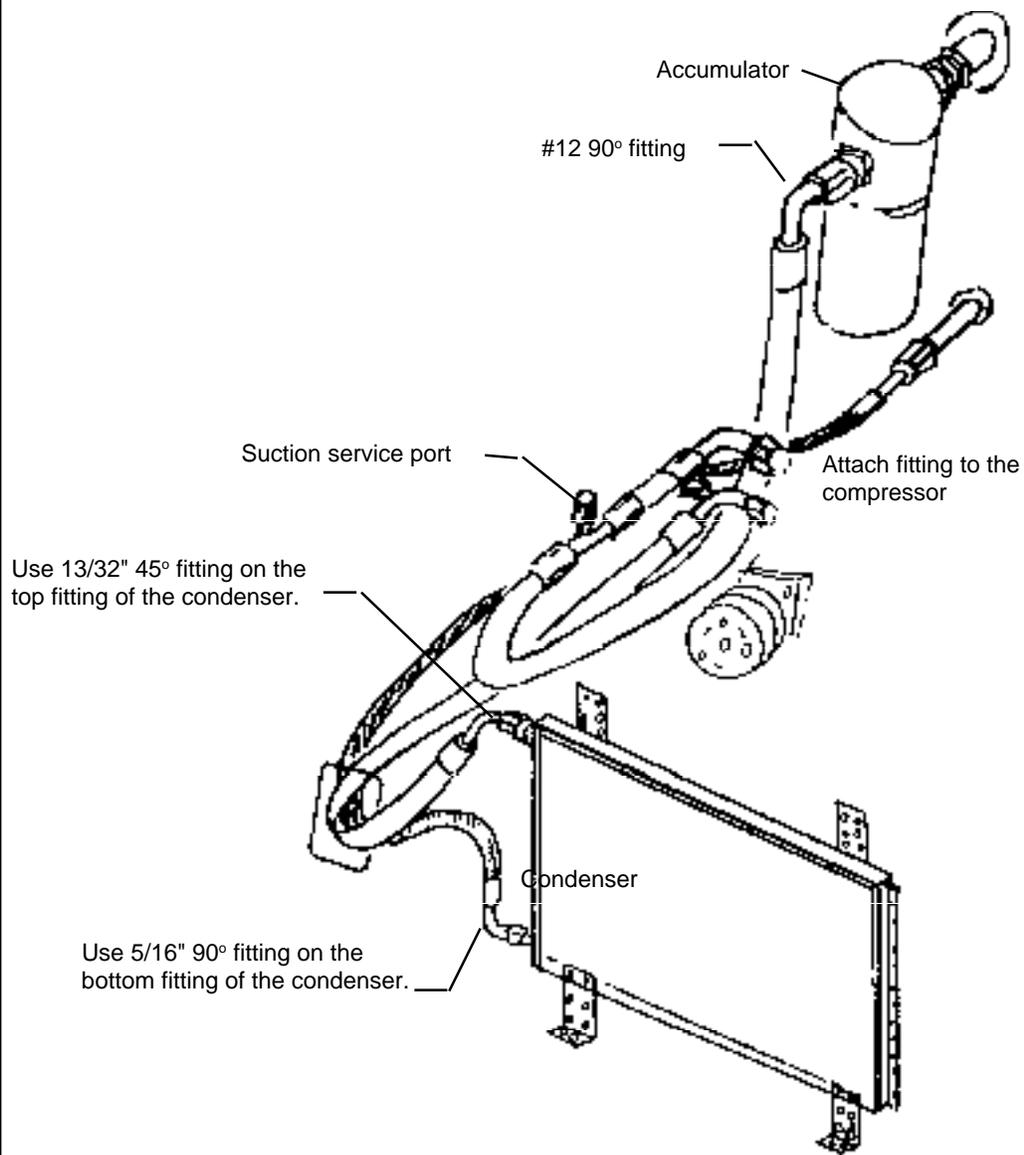
23. Put the dash back into position and secure. Be sure to reattach the radio antenna. Reinstall the ash tray.

24. Remove the instrument trim panel assembly. CAREFULLY remove the light switch and dimmer switch from the trim panel. Remove the four screws retaining the control head and remove control head from the vehicle. See page 5 for micro-switch installation. Route the long black wire and connect to the black wire from the pressure cycling switch located on the accumulator in the engine compartment. (Route through the radio antenna wire hole in the firewall.) Re-assemble the panel into the dash.

25. In the engine compartment route and connect the black wire from the pressure cycling switch located on the accumulator to the in-line pressure switch harness, then to the A/C compressor clutch. Reattach the heater hoses. Put the coolant back into the radiator.

26. Attach the accumulator to the evaporator suction fitting. Use the metal brace and attach to the firewall on the studs using 6mm nuts. Secure the accumulator to the bracket with the two large hose clamps. Route and attach the refrigerant hose to the accumulator and the coil inlet. Reattach the radiator overflow bottle and the air cleaner intake assembly.





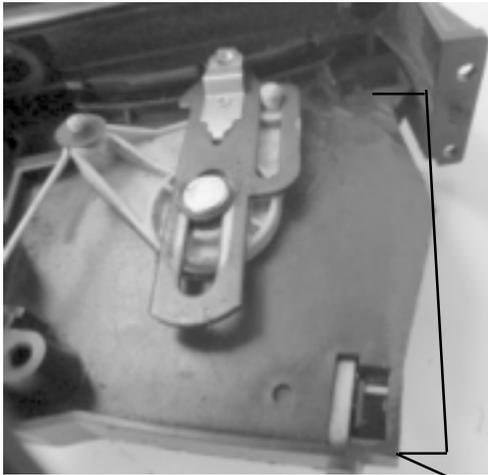
Use 13/32" 45° fitting on the top fitting of the condenser.

Use 5/16" 90° fitting on the bottom fitting of the condenser.

Torque specifications:

Hose ID	Hose size	FT/LBS
5/16"	#6	11-13
13/32"	#8	15-20
1/2"	#10	21-27
5/8"	#12	28-33

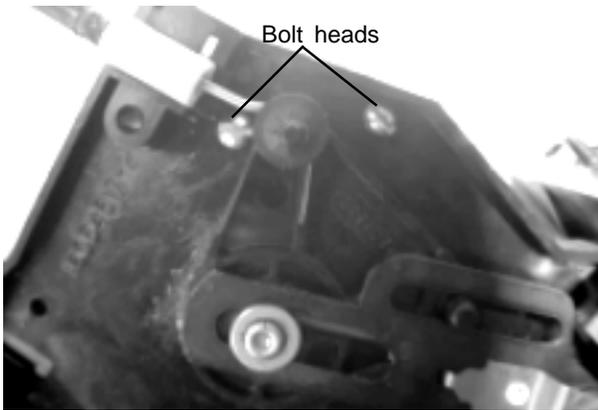
Micro-switch Installation



Remove the entire lip on the control head with a die grinder



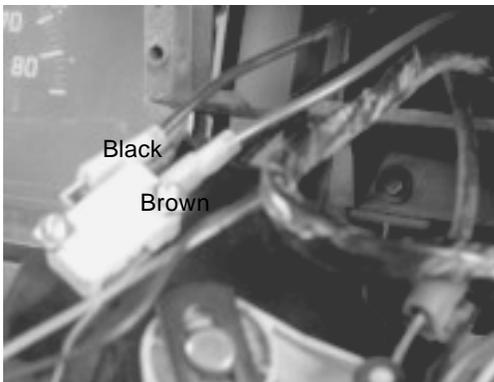
Using bolts and nuts provided, mount micro-switch in this position. Be sure arm swings free.



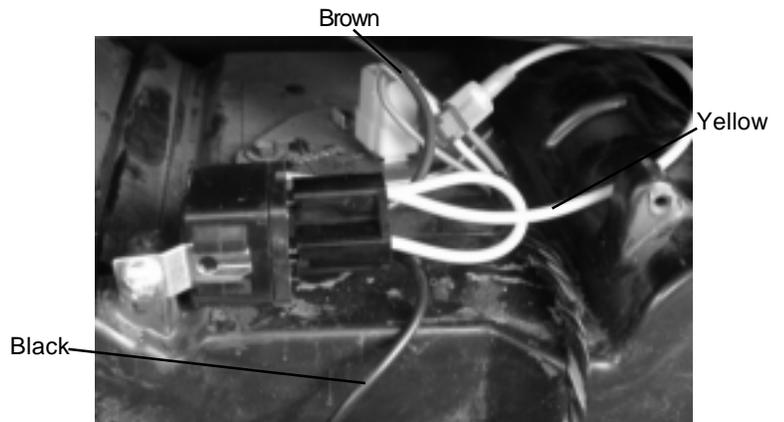
Using the micro-switch as a guide, drill two 5/32" holes for the bolts. Bottom view shown. Check bolt heads for clearance of bowen cable assembly.



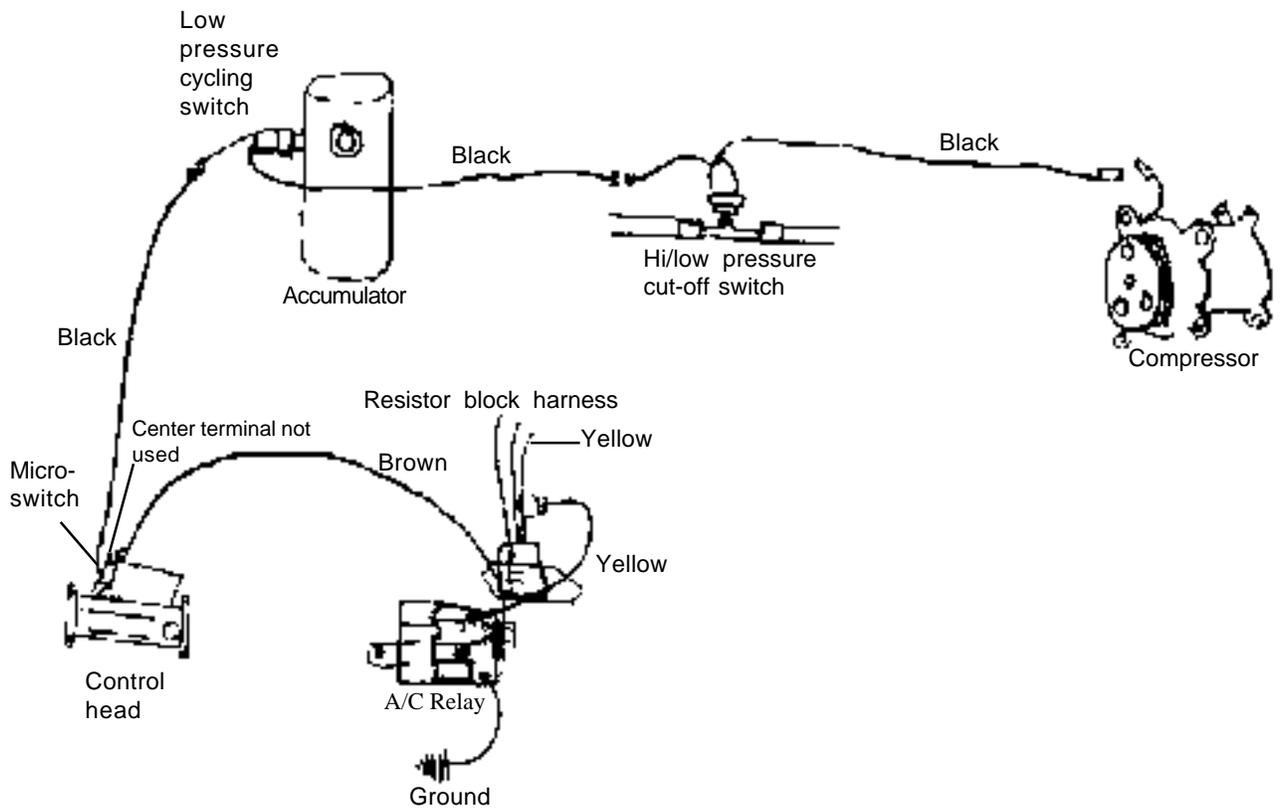
Remove knobs. Remove old decal and apply new one. Replace knobs. Micro-switch button should be fully depressed in A/C mode. Re-install control head.



Center terminal not used. Black wire routes to cycle switch harness, brown wire is from the relay harness mounted next to the resistor block on top of the case. See next.



Yellow wire T-taps into yellow wire on resistor block harness. Brown wire is to micro-switch, black wire is routed down to a metal ground. Mount relay to case as shown.



Evacuate system for 1 hour then charge system with 24 oz off R134A refrigerant.