

REMOVAL AND INSTALLATION

MODE DOOR ACTUATOR MOTOR

NOTE: If battery voltage is low or not sensed at the actuator/motor for less than a (60) second interval, the actuator/motor will be out of calibration. Remove the M1 (I.O.D.) fuse for a minimum of (60) seconds. The actuator/motor will then self calibrate itself upon reinstallation of fuse.

The mode door actuator is an electric motor. It mechanically positions the A/C unit panel/bi-level door and the floor/defrost door. Prior to part replacement, re-calibration of the HVAC actuator is recommended. Calibration is performed by disconnecting the battery negative cable or the removal of the instrument panel M-1 fuse. Electrical power should be re-established after (60) seconds which will automatically initiate the software calibration procedure. If this procedure fails, it will be necessary to replace the mode door actuator/motor. The mode door actuator/motor is not serviceable and must be replaced if found to be defective.

The mode door actuator is located on the upper left side of the A/C- Heater housing (Fig. 8).

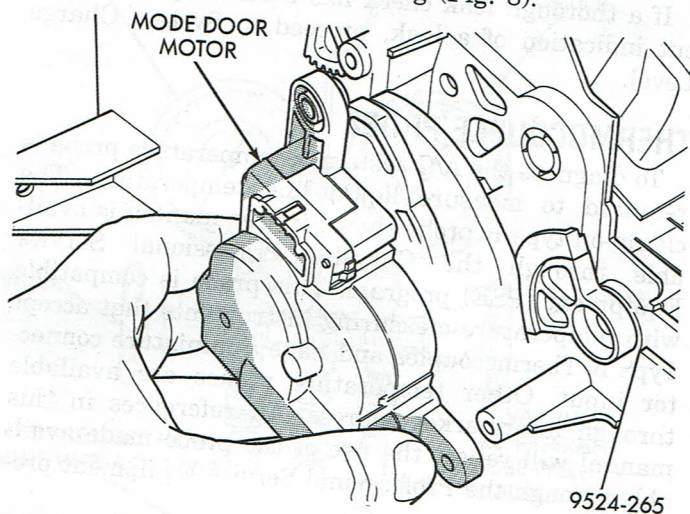


Fig. 8 Mode Door Motor Location

REMOVAL

- (1) Disconnect battery negative cable.
- (2) Remove left underpanel silencer/duct.
- (3) Remove electrical connection on actuator (Fig. 9).
- (4) Remove actuator retaining screws. Then pull actuator straight down. Upon removal, note the shaft position of the actuator, because the shaft on this motor is keyed. When installing new actuator, its shaft must be positioned in the same location.

INSTALLATION

For installation, reverse the above procedures.

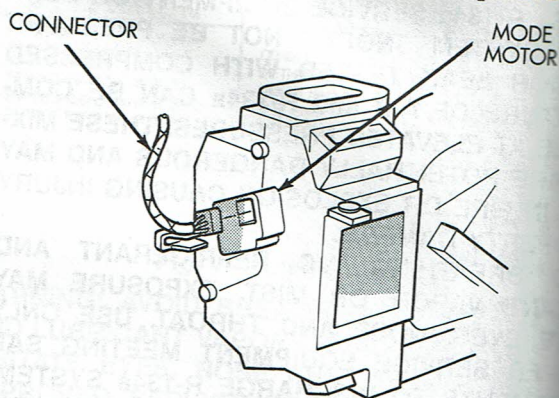


Fig. 9 Mode Motor Connector

A/C PRESSURE TRANSDUCER

CAUTION: A/C pressure transducer switch connector terminal contacts can be damaged by prying tools during system diagnosis and repair. Failure to use their respective mating terminals or pin gauges to check for tightness will cause contact base spreads. This will result in loss of continuity.

NOTE: O-ring replacement is required whenever the pressure transducer is serviced. Be sure to use the O-ring specified for this vehicle.

REMOVAL

- (1) If equipped with a 2.4L engine, hoist vehicle.
- (2) Disconnect the wire harness connector from the A/C pressure transducer.

NOTE: A slight release of pressure trapped in the fitting may be experienced. It is not necessary to discharge the refrigerant system.

- (3) Remove the transducer with a counterclockwise rotation using a 14 mm open-end wrench (Fig. 10) and (Fig. 11).

INSTALLATION

For installation, reverse above procedures. Tighten pressure transducer to 6 N·m (50 in. lbs.).

BLOWER MOTOR AND WHEEL ASSEMBLY

The blower motor is located on the right side of the heater housing.