

Removal and Testing Procedures

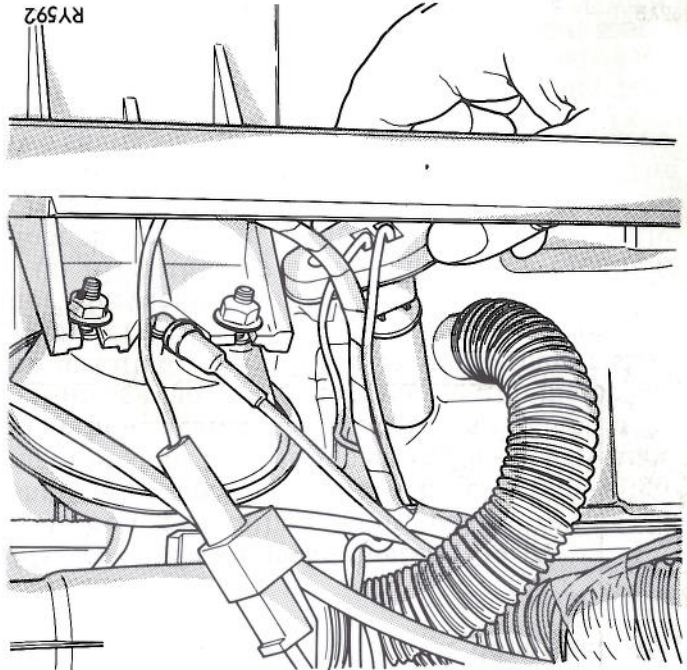
Ambient Sensor—Remove and Install (Fig. 1)

- (1) Remove glove box.
- (2) Remove two mounting screws holding sensor socket in place.
- (3) Carefully pull socket and ambient sensor out of Heater-A/C housing. If sensor pulls out of socket and falls inside, remove blower scroll assembly for retrieval.
- (4) For installation, reverse removal procedure.

Ambient Sensor Testing (Fig. 2)

Pull ambient sensor out of socket and measure its resistance at room temperature. Do not hold sensor in the hand or apply meter-test more than 5 seconds because body heat and ohmmeter current both affect sensor resistance and measurement accuracy.

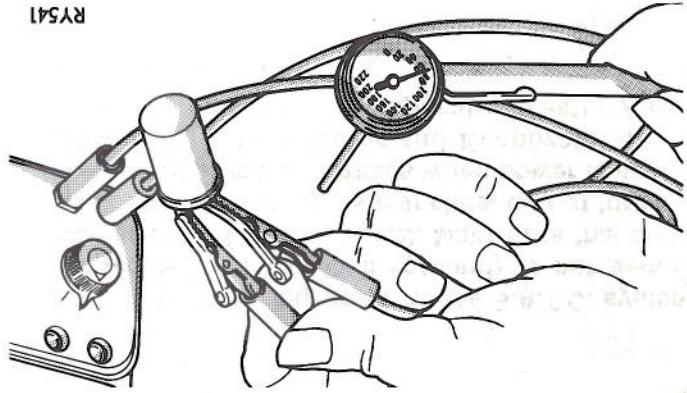
Ambient sensor resistance should read between



RV592

Fig. 1—Ambient Sensor Remove or Install

Fig. 2—Ambient Sensor Testing



RV541

255 and 335 ohms with room temperature between 70°F (21°C) and 80°F (27°C).

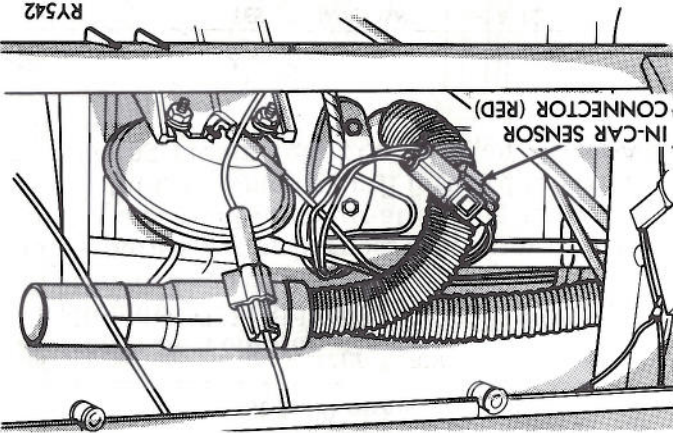
Aspirator Assembly—Remove and Install (Fig. 3)

- (1) Remove glove box.
- (2) Slide air drive tube off of aspirator air drive nipple.
- (3) Slide in-car sensor tube off of aspirator suction nipple.
- (4) Remove air recirculation door actuator (2 nuts) for access to aspirator mounting screw.
- (5) Remove mounting screws and aspirator.
- (6) For installation, reverse removal procedure.

Aspirator Assembly Testing (Fig. 4)

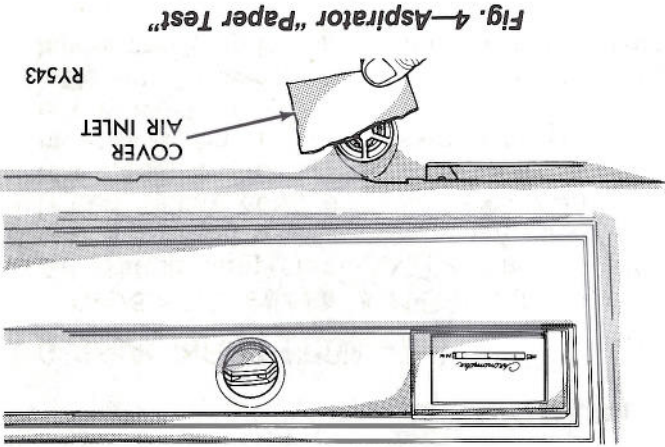
Aspirator and Air Drive Tube operation can be tested without disturbing other parts.

- (1) Set controls for High Blower Speed—Heat mode of operation.
- (2) Completely cover air inlet to in-car sensor with grille-size piece of paper.
- (3) Aspiration system suction should hold the paper against the air inlet grille. If paper does not hold in place, check system as described in Group D "Aspirator System Diagnosis" chart.



RV542

Fig. 3—Aspirator Installation



RV543

Fig. 4—Aspirator "Paper Test"