

25 Air conditioning system - heater matrix and blower motor - removal and refitting

- 1 These are the only two components which can be removed from the system without first discharging the refrigerant circuit.
- 2 Disconnect the battery or fusible link.
- 3 Drain the cooling system and disconnect the heater hoses at the engine compartment rear bulkhead.
- 4 Remove the matrix tube bracket and seal.
- 5 Remove the air conditioning duct, the ashtray and its housing and the radio.
- 6 Remove the heater/defroster vacuum actuator and let it hang by its operating rod.
- 7 Remove the heat distribution duct by extracting the three screws on the front cover, prising the duct out of the housing lip and withdrawing it to the left-hand side.
- 8 Remove the left-hand defroster duct and then detach the right-hand one and let it hang from its upper end.
- 9 Remove the rear distribution housing. Some of the screws which retain the housing are most easily reached thru the radio aperture.
- 10 With the distribution housing withdrawn, cut the seal from around the heater matrix and lift it out.
- 11 If the blower motor is to be removed, it is accessible from the engine compartment. First disconnect the electrical wires from it, also the air duct.
- 12 Remove the three nuts which are located on the outer edge of the blower mounting plate.
- 13 Withdraw the blower motor, fan and mounting plate as an assembly. The blower can then be removed from the mounting plate.
- 14 Refitting is a reversal of removal but when installing the blower to the mounting plate, make sure that the grommets are in position on the bolts, check the fan for free rotation. When installing the assembly to the evaporator casing, make sure that the air duct opening is at the bottom.

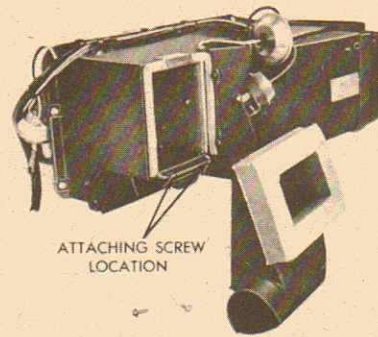


Fig. 12.26. Removing the heat distribution duct

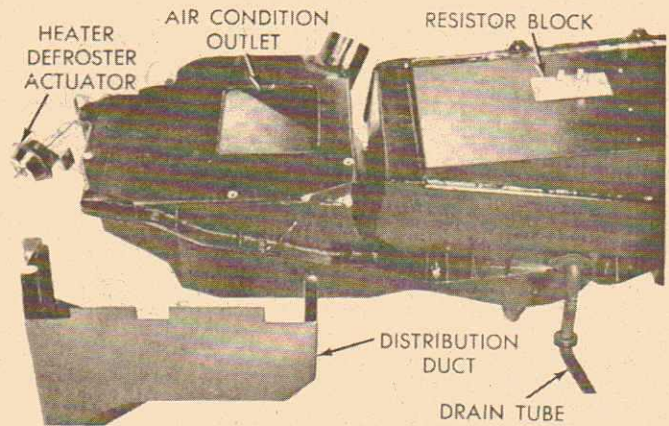


Fig. 12.27. Removing heater core