

PRODEMAND

YMMS: 2004 Chrysler Pacifica
Engine: 3.5L Eng
VIN:

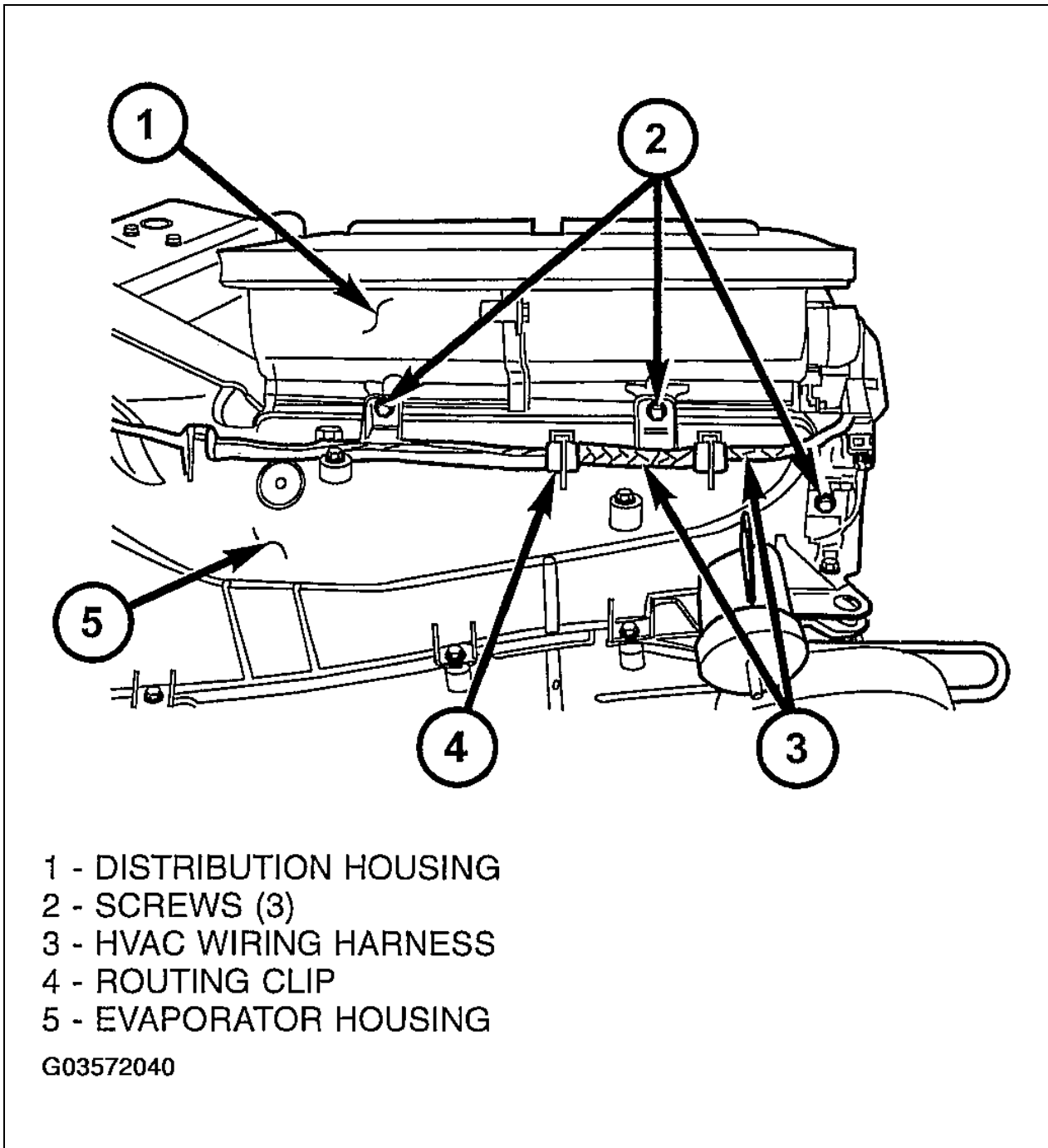
Aug 8, 2020
License:
Odometer:

A/C EVAPORATOR > REMOVAL

WARNING: REFER TO THE APPLICABLE WARNINGS AND CAUTIONS FOR THIS SYSTEM BEFORE PERFORMING THE FOLLOWING OPERATION (Refer to WARNING - A/C PLUMBING), (Refer to CAUTION - A/C PLUMBING), and (Refer to WARNING

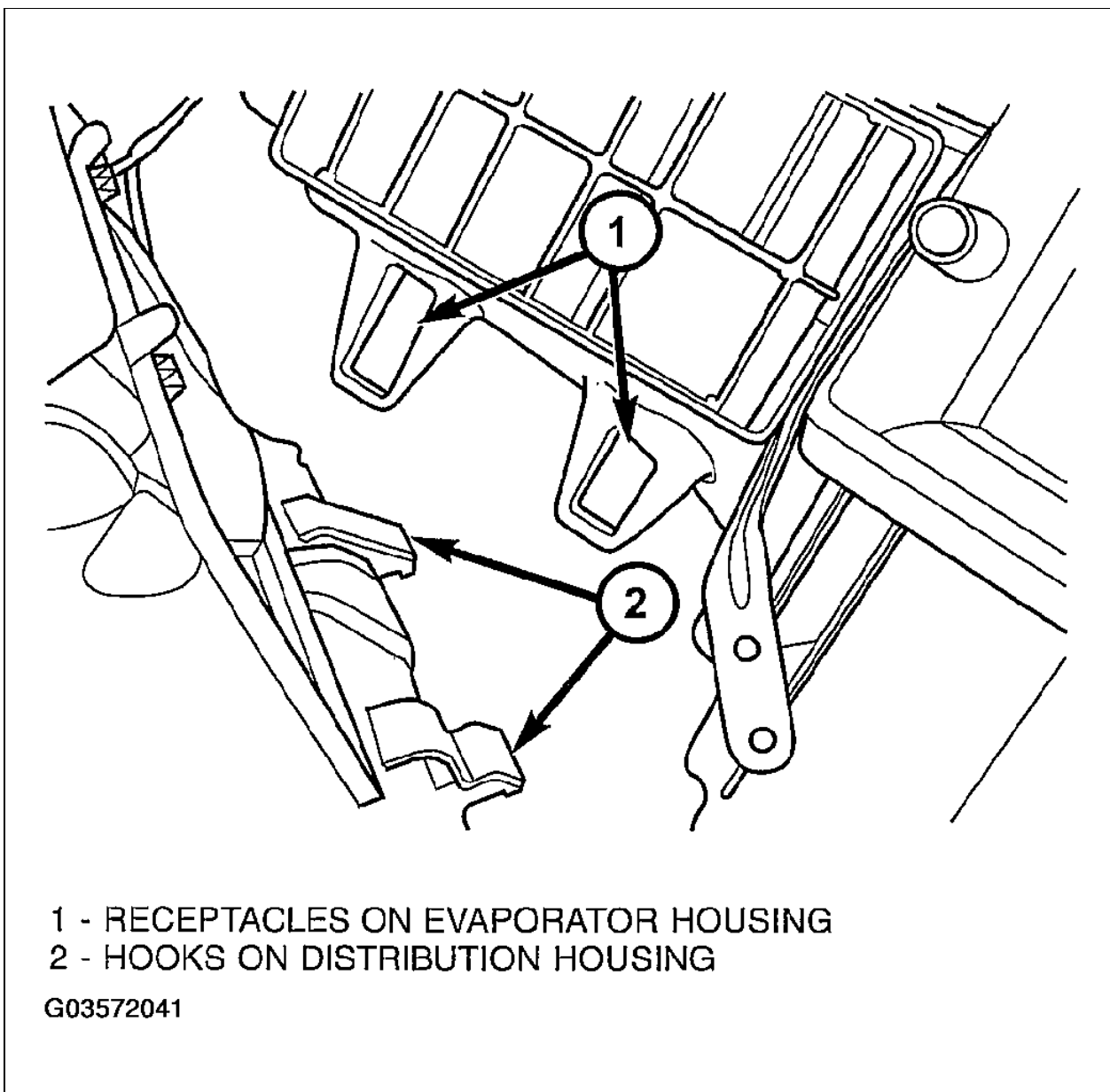
1. Remove the HVAC unit housing from the vehicle (Refer to REMOVAL).
2. Remove the heater core tubes from the heater core (Refer to REMOVAL - HEATER CORE).
3. Remove and discard the foam seal from the HVAC housing seal flange around the fresh air inlet opening and the expansion valve/evaporator tube opening on the dash panel side of the unit.
4. Remove the expansion valve from the evaporator inlet and outlet tube fittings (Refer to REMOVAL).
5. Disconnect the HVAC wire harness connector for the blower motor from the motor connector receptacle on the bottom of the outboard end of the evaporator housing.
6. Disengage the HVAC wire harness from the routing clips molded into the outside of the HVAC housing components.
7. Remove the four screws from the dash panel side of the unit that secure the top of the distribution housing to the inboard end of the evaporator housing (Fig 1).
8. Pull the top of the distribution housing away from the evaporator housing far enough to disengage the two hook formations on the bottom of the distribution housing from the two receptacles on the evaporator housing (Fig 2).
9. Remove the two screws that secure the upper intake air housing to the lower intake air housing.
10. Remove the three screws that secure the upper intake air housing to the top of the outboard end of the evaporator housing. Be certain not to miss the screw located just inside the inboard side of the fresh air intake opening.
11. Remove the upper intake air housing from the top of the evaporator housing to expose the recirculation air door and the blower wheel housing (Fig 3).

Fig 1: Identifying HVAC Housing



Courtesy of DAIMLERCHRYSLER CORP.

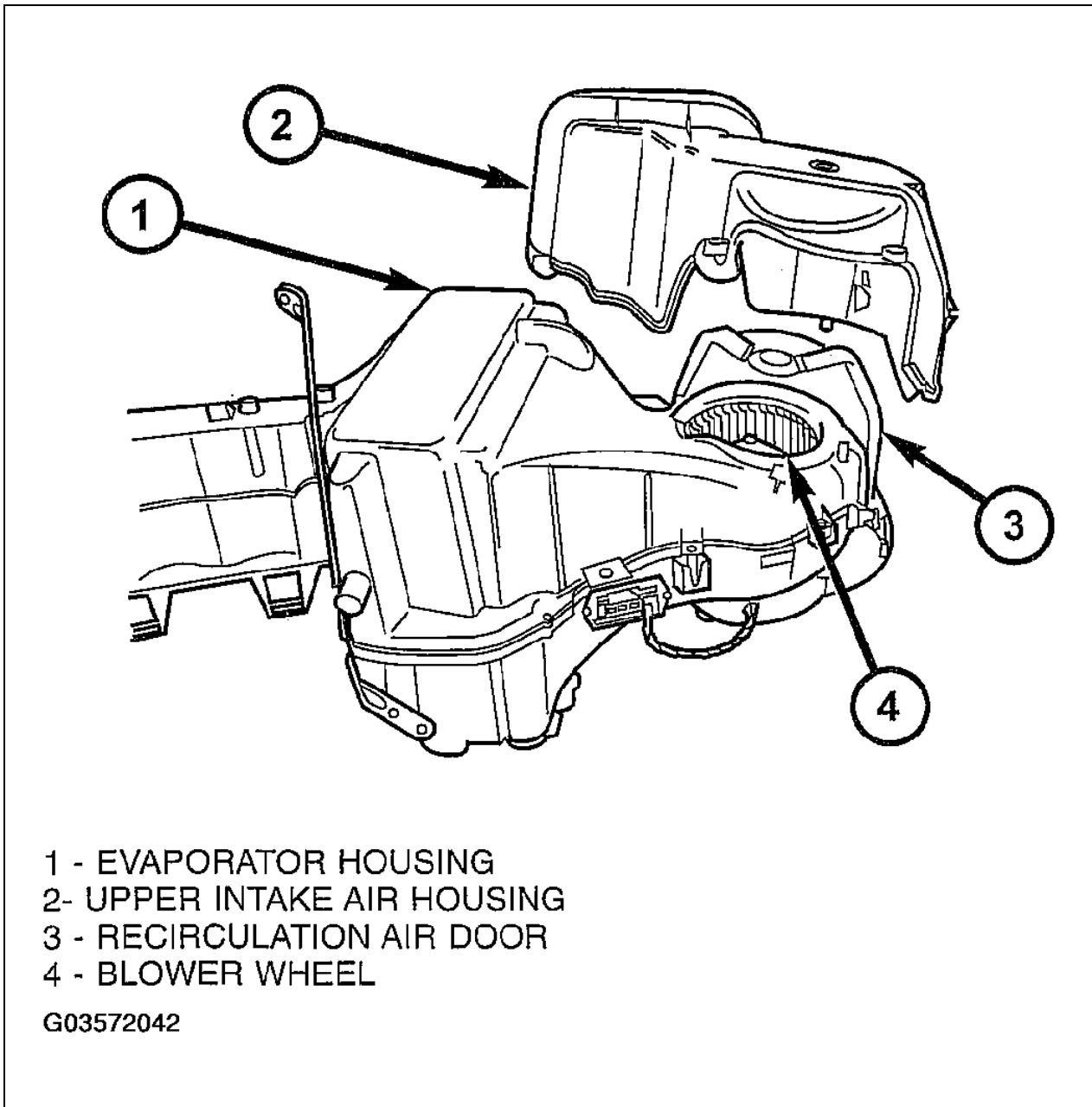
Fig 2: Identifying Distribution Housing Hooks



Courtesy of DAIMLERCHRYSLER CORP.

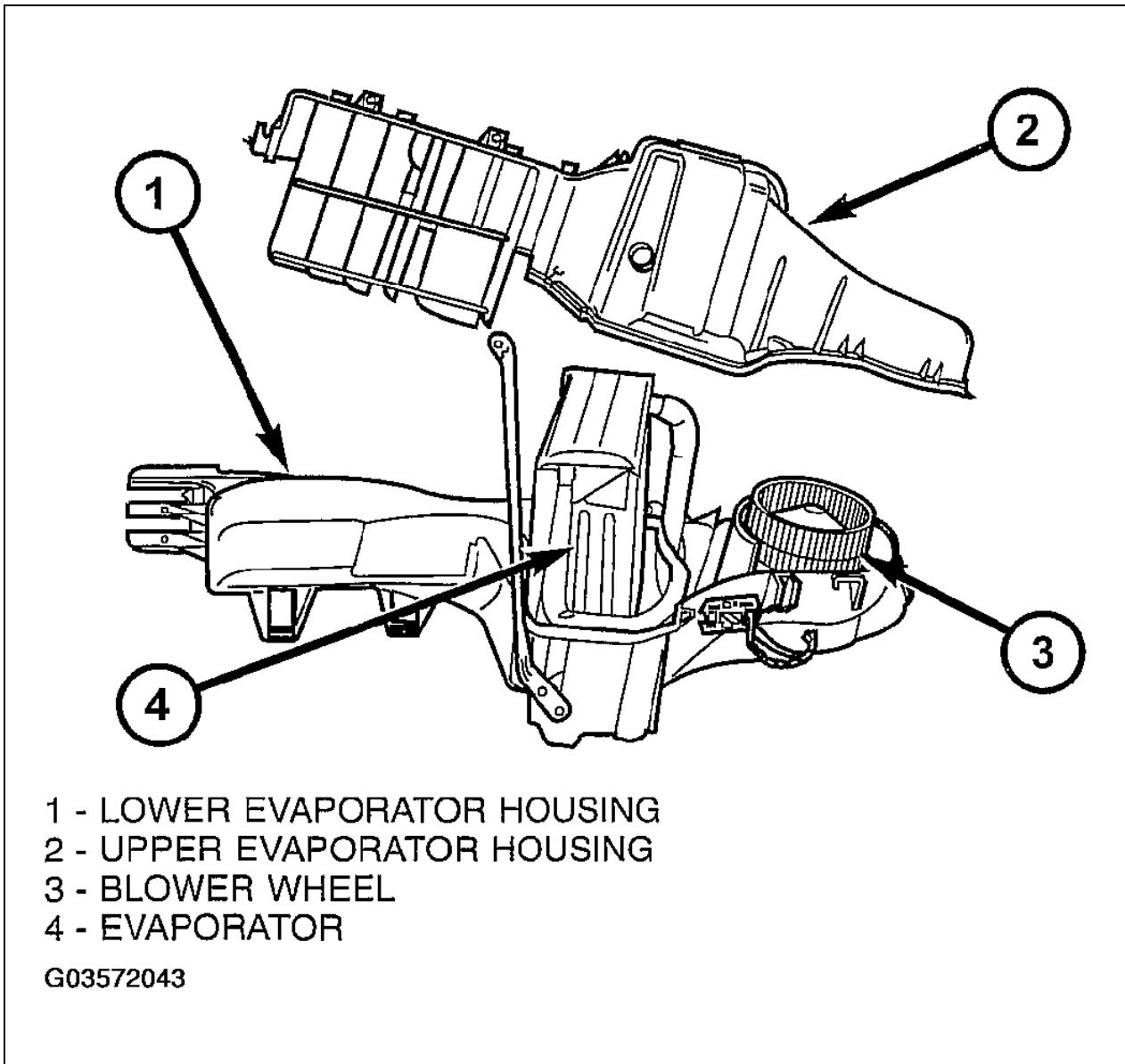
12. Remove the screw and washer from the upper pivot of the recirculation door.
13. Remove the twelve screws around the perimeter of the evaporator housing that secure the upper housing half to the lower half.
14. Carefully separate and remove the upper half of the evaporator housing from the lower half. Be certain not to lose the rubber grommet for the HVAC wire harness evaporator temperature sensor take out. This grommet is located on the inboard side of the flange around the expansion valve/evaporator tube opening on the dash panel side of the unit, where it is captured in a notched area between the upper and lower housing halves (Fig 4).

Fig 3: Identifying Upper Intake Air Housing - (Typical)



Courtesy of DAIMLERCHRYSLER CORP.

Fig 4: Identifying Evaporator Housing - (Typical)



Courtesy of DAIMLERCHRYSLER CORP.

15. Carefully lift the evaporator and its foam wrap out of the lower half of the evaporator housing as a unit. Be certain not to lose the clam shell type rubber seal that is fitted to the evaporator inlet and outlet tubes where they exit the evaporator housing.