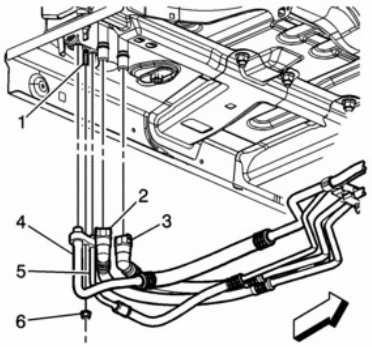
Auxiliary HVAC Module Replacement

Tools Required

J 39400-A Halogen Leak Detector

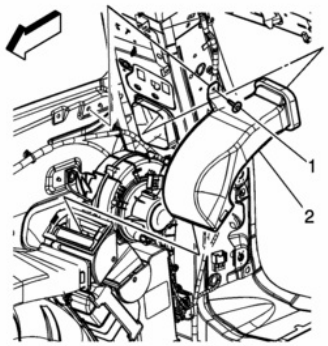
Removal Procedure

1. Recover the refrigerant from the air conditioning (A/C) system. Refer to Refrigerant Recovery and Recharging .
2. Drain the engine coolant. Refer to Cooling System Draining and Filling .
3. Raise the vehicle. Refer to Lifting and Jacking the Vehicle .
4. Remove the right rear wheelhouse liner panel. Refer to Rear Wheelhouse Liner Panel Replacement .



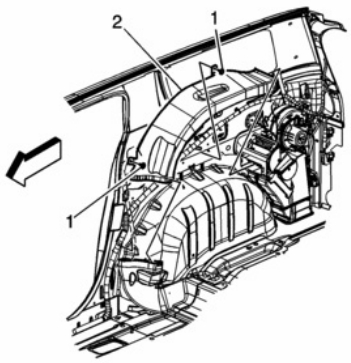
Click to Enlarge

5. Disconnect the heater lines (2, 3) from the auxiliary HVAC module at the underside of the vehicle.
6. Disconnect the air conditioning lines (4, 5) from the auxiliary HVAC module at the underside of the vehicle.
7. Remove the nuts (6) from the studs (1) that secure the auxiliary HVAC module to the underside of the vehicle.
8. Lower the vehicle.
9. Remove the right rear quarter trim panel. Refer to Rear Quarter Lower Trim Panel Replacement .
10. Disconnect the electrical connectors from the auxiliary HVAC module.



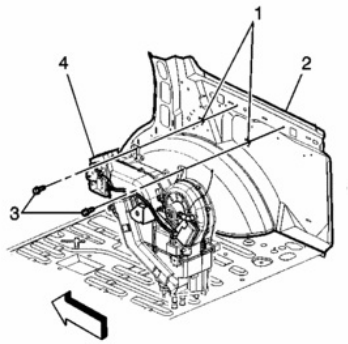
Click to Enlarge

11. Remove the upper auxiliary air distributor duct (2). Refer to Auxiliary Air Distributor Duct Replacement - Upper .



Click to Enlarge

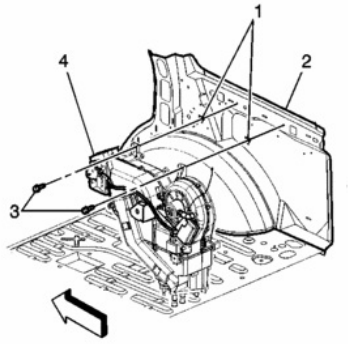
12. Remove the lower auxiliary air distributor duct (2). Refer to Auxiliary Air Distributor Lower Duct Replacement .



Click to Enlarge

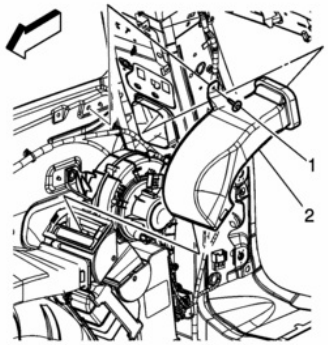
13. Remove the fasteners (3) retaining the auxiliary HVAC module to the vehicle.
14. Remove the auxiliary HVAC module (4) from the vehicle.

Installation Procedure



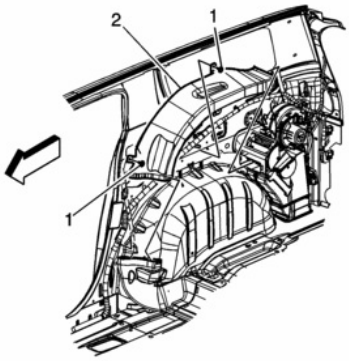
Click to Enlarge

1. Install the auxiliary HVAC module assembly (4) to the vehicle.
2. Install the 2 bolts (3) inside the vehicle in order to retain the auxiliary HVAC module to the vehicle.



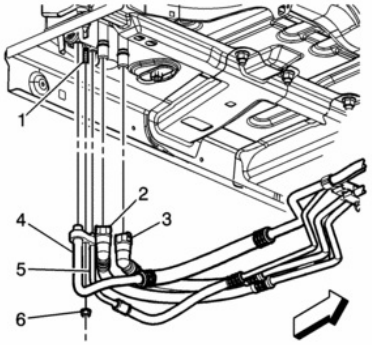
Click to Enlarge

3. Install the upper auxiliary air distributor duct. Refer to Auxiliary Air Distributor Duct Replacement - Upper .



Click to Enlarge

4. Install the lower auxiliary air distributor duct. Refer to Auxiliary Air Distributor Lower Duct Replacement .
5. Connect the electrical connectors to the auxiliary HVAC module.
6. Install the right rear quarter trim panel. Refer to Rear Quarter Lower Trim Panel Replacement .



Click to Enlarge

7. Raise the vehicle.

Caution!
Refer to Fastener Notice in the Preface section.

8. Install the nuts that secure the auxiliary HVAC module to the vehicle.

Tighten
Tighten the nuts to 9 N·m (80 lb in).

9. Install the air conditioning lines (4, 5) and the nut (6) to the auxiliary HVAC module.

Tighten
Tighten the nut to 16 N·m (12 lb ft).

10. Install the heater lines (2, 3) to the auxiliary HVAC module at the underside of vehicle.
11. Install the right rear wheelhouse liner panel. Refer to Rear Wheelhouse Liner Panel Replacement .
12. Lower the vehicle.
13. Fill the engine coolant. Refer to Cooling System Draining and Filling .
14. Recharge the refrigerant to the system. Refer to Refrigerant Recovery and Recharging .
15. Leak test the fittings of the component using the J 39400-A .