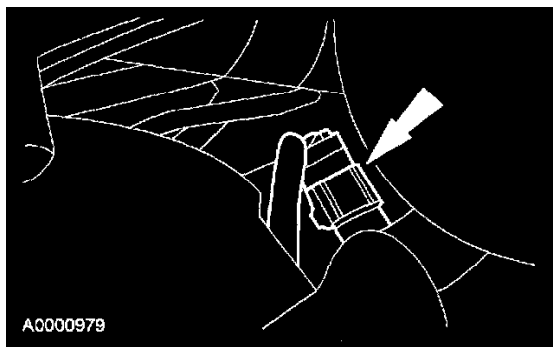


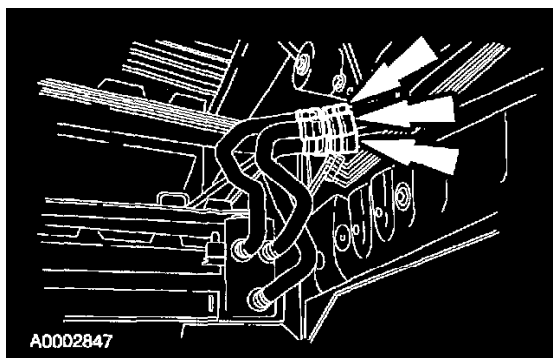
Heater Control Valve: Service and Repair

REMOVAL

1. Disconnect the battery ground cable.
2. Drain the radiator.
3. Remove the auxiliary coolant pump.



4. Disconnect the connector located at the end of the coolant valve harness pigtail.

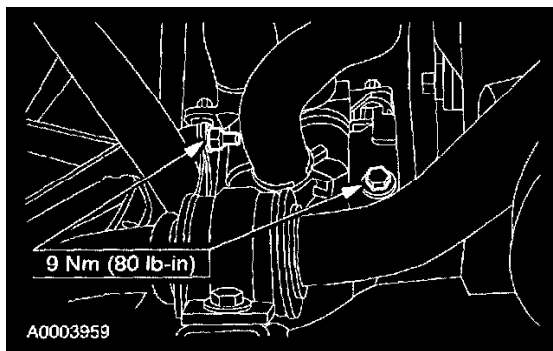


5. Disconnect the three quick-disconnect couplings from the coolant control valve hoses.

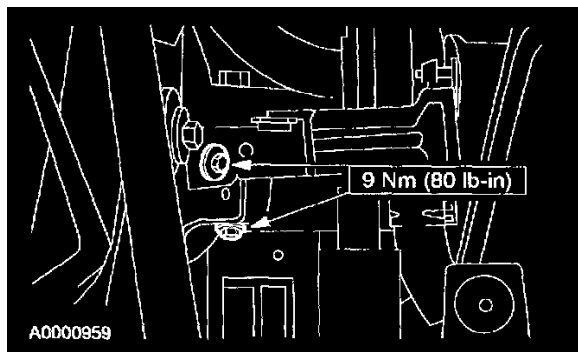
NOTE:

- The top heater hose has a green identifying mark to match the hose on the dual coolant flow valve. If mark is not visible, identify the hoses for location. This will aid in the correct installation of the hose assemblies.
- Hose assemblies shown with components removed for clarity.

6. Raise the vehicle.



7. Remove the coolant valve assembly mounting bolt and the nut.
8. Raise the valve and disconnect the coolant supply and return lines.



9. Remove the bolts and remove the coolant valve mounting bracket.

INSTALLATION

1. To install, reverse the removal procedure.
 - Make sure that the heater hoses are installed in the correct position.
 - Lubricate the coolant hoses with MERPOL(R) meeting Ford specification ESE-M99B144-B or plain water only, if needed.
 - Check for correct hose installation by verifying Dual Automatic Temperature Control (DATC) system operation.