

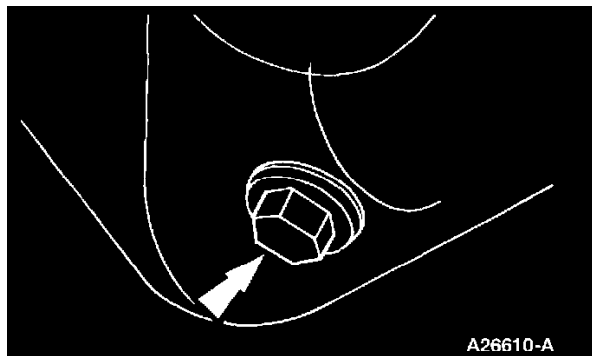
## Oil Filter Adapter: Service and Repair

### Oil Filter Adapter

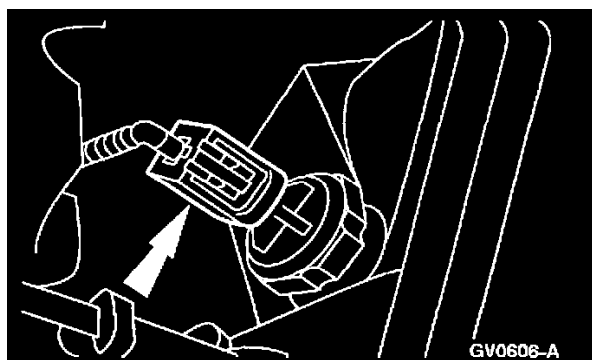
#### REMOVAL

**WARNING: THE ELECTRICAL POWER TO THE AIR SUSPENSION MUST BE SHUT OFF PRIOR TO HOISTING, JACKING OR TOWING AN AIR SUSPENSION VEHICLE. THIS CAN BE ACCOMPLISHED BY TURNING OFF THE AIR SUSPENSION SWITCH LOCATED IN THE RH KICK PANEL AREA. FAILURE TO DO SO MAY RESULT IN UNEXPECTED INFLATION OR DEFLATION OF THE AIR SPRINGS WHICH MAY RESULT IN SHIFTING OF THE VEHICLE DURING THESE OPERATIONS.**

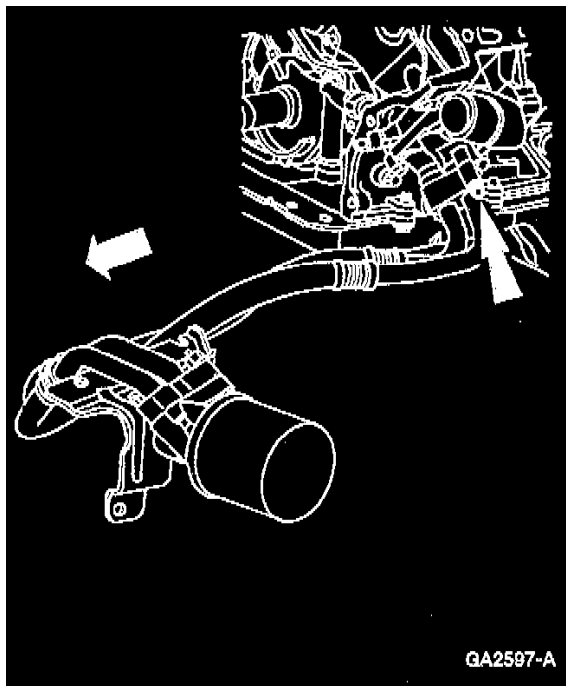
1. Raise and support the vehicle.
2. Remove the lower radiator hose.
3. Remove the front drive axle assembly.



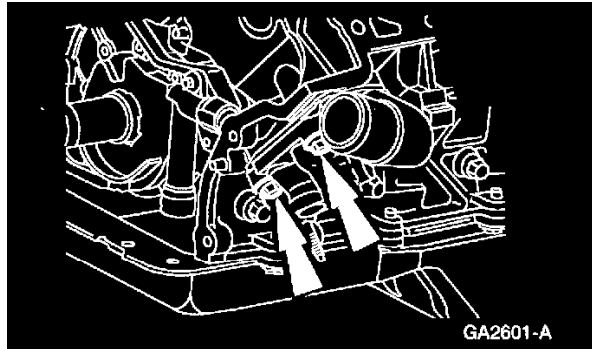
4. Remove the drain plug and drain the engine oil.
5. If the vehicle does have an oil cooler, remove the oil cooler.



6. Disconnect the oil pressure sender electrical connector.

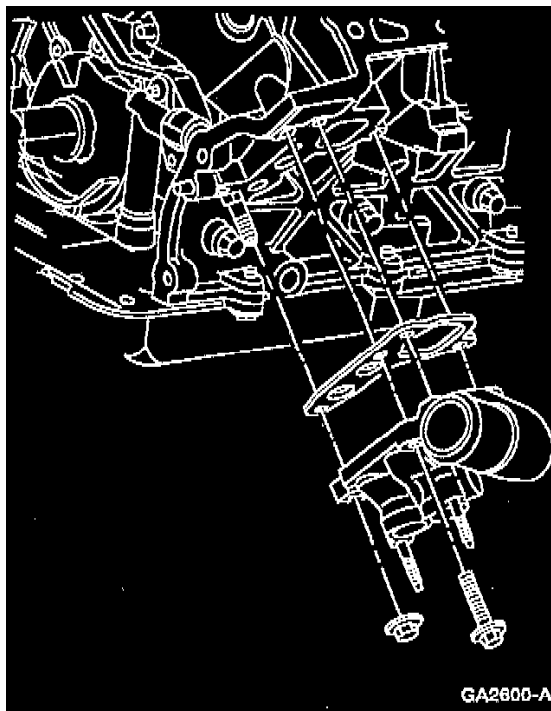


7. If the vehicle is equipped with a remote oil filter adapter, remove the nuts and position the remote oil filter adapter aside.

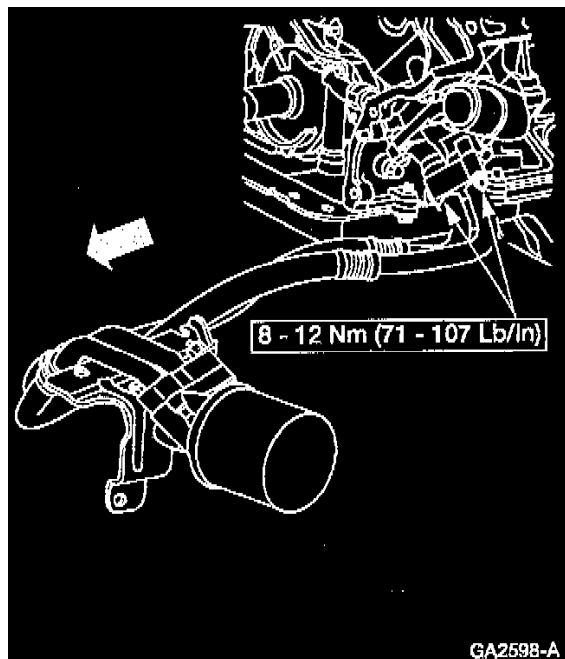


8. Remove the three bolts, the nut and the oil filter adapter.

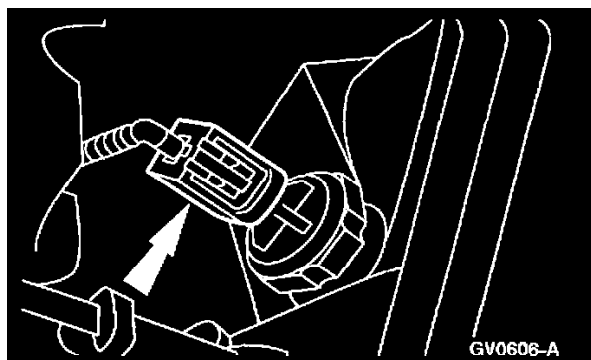
## INSTALLATION



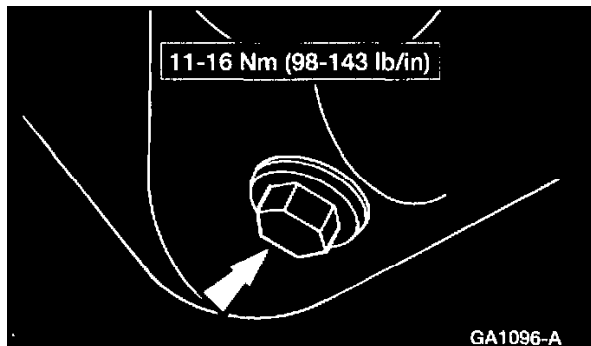
1. If the vehicle is equipped with a remote oil filter adapter, position the oil filter adapter and install the bolts and the nut.
  - ^ Install a new oil filter adapter gasket.



2. Position the remote oil filter adapter and install the nuts.
3. If the vehicle is not equipped with a remote oil filter adapter, position the oil filter adapter and install the three bolts and the nut.
  - ^ Install a new oil filter adapter gasket.



4. Connect the oil pressure sender electrical connector.
5. If the vehicle is equipped with an oil cooler, install the oil cooler.



6. Install the drain plug.
7. Install the front drive axle assembly.
8. Install the lower radiator hose.
9. Lower the vehicle.

**NOTE: If equipped with air suspension, reactivate the system by turning on the air suspension switch.**

10. Fill the engine with Ford Premium SAE 10W-30 Motor Oil XO-10-W-30-BSP, DSP, QSP or equivalent meeting Ford specification WSS-M2C153-G.