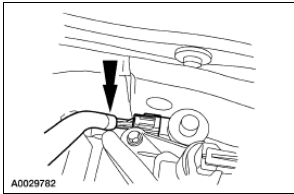
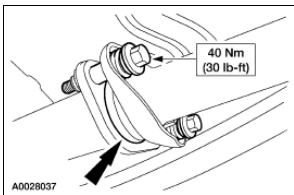


Exhaust Gas Recirculation (EGR) Valve 2.3L**Removal and Installation**

1. Drain the cooling system. For additional information, refer to [Section 303-03](#) .
2. Disconnect the battery ground cable. For additional information, refer to [Section 414-01](#) .
3. Disconnect the exhaust gas recirculation (EGR) valve electrical connector.

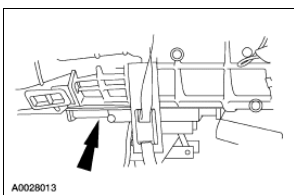


4. Remove the rear driveshaft. For additional information, refer to [Section 205-01](#) .
5. Remove the bolts retaining the catalytic converter to the muffler. Discard the exhaust converter outlet gasket.

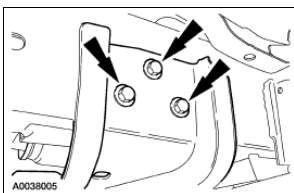


6. **NOTE:** Manual transmission shown, automatic transmission similar.

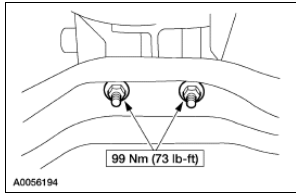
Support the transmission with a suitable transmission jack.



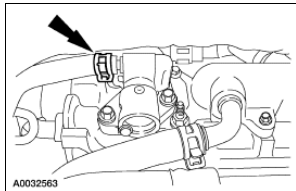
7. Remove the six bolts (three on each side) retaining the crossmember to the frame.



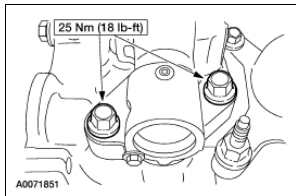
8. Remove the retaining nuts and the crossmember.



9. Lower the transmission enough to allow access to the EGR valve.
10. Disconnect the EGR coolant hose.



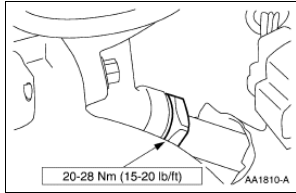
11. Remove the bolts and the EGR valve.
 - Discard the gasket.



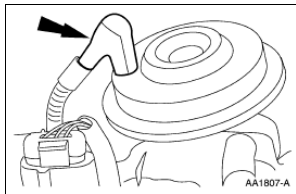
12. **NOTE:** Clean the gasket mating surfaces and install new gaskets.
To install, reverse the removal procedure.

Exhaust Gas Recirculation (EGR) Valve 2.5L**Removal and Installation**

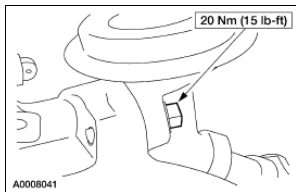
1. Loosen the nut from the bottom of the EGR valve (9D475).



2. Remove the vacuum line from the top of the EGR valve.



3. Remove the two bolts and the EGR valve.

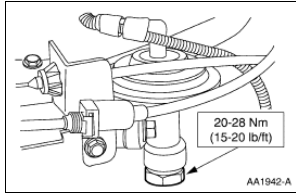


4. **NOTE:** Use a new gasket when installing the EGR valve.

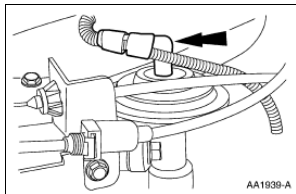
To install, reverse the removal procedure.

Exhaust Gas Recirculation (EGR) Valve 3.0L**Removal and Installation**

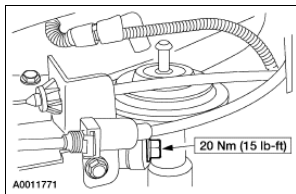
1. Loosen the nut from the bottom of the EGR valve (9D475).



2. Remove the vacuum line from the top of the EGR valve.



3. Remove the two bolts and the EGR valve.

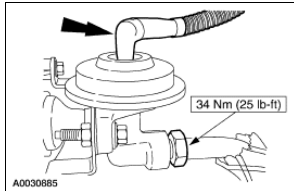


4. **NOTE:** Use a new gasket when installing the EGR valve.

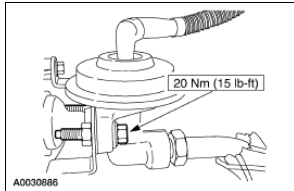
To install, reverse the removal procedure.

Exhaust Gas Recirculation (EGR) Valve 4.0L**Removal and Installation**

1. Disconnect the exhaust gas recirculation (EGR) valve.
 - Disconnect the vacuum line.
 - Disconnect the EGR valve tube fitting.



2. Remove the EGR valve bolts and the EGR valve.
 - Discard the gasket.



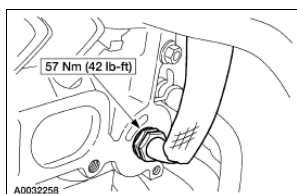
3. **NOTE:** The EGR valve sealing surfaces are soft metals.

To install, reverse the removal procedure.

- Carefully clean the EGR valve sealing surfaces.
- Install a new EGR valve gasket.

EGR Valve Tube 2.3L**Removal and Installation**

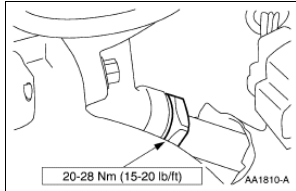
1. Remove the intake manifold. For additional information, refer to [Section 303-01A](#) .
2. Remove the exhaust gas recirculation (EGR) tube.



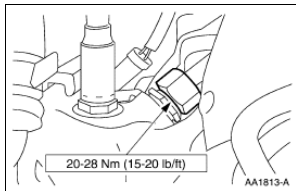
3. To install, reverse the removal procedure.
-

EGR Valve Tube 2.5L**Removal and Installation**

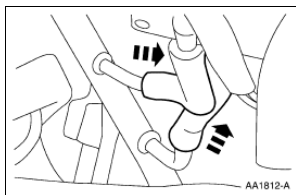
1. Loosen the nut from the bottom of the EGR valve (9D475).



2. Remove the nut at the exhaust manifold (9430).



3. Remove the two pressure feedback lines from the line fittings and remove the EGR valve to exhaust manifold tube (9D477) from the vehicle.



4. To install, reverse the removal procedure.

