

Exhaust Gas Recirculation (EGR) Valve RH (17.45.17)

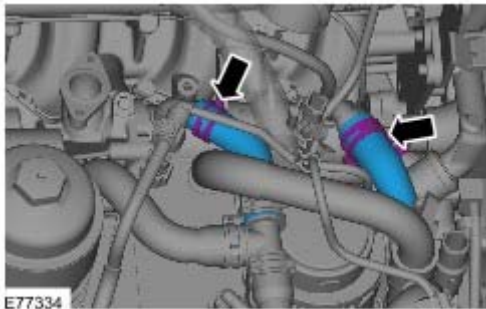
Removal

- 1 . Disconnect the battery ground cable.
For additional information, refer to [Specifications](#)
- 2 . Remove the intake manifold plenum chamber.
For additional information, refer to [Intake Manifold Plenum Chamber](#)

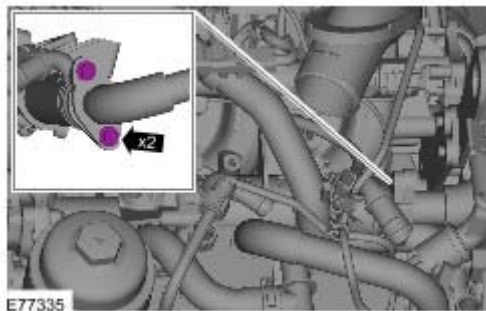
- 3 .  **CAUTION: Make sure that all openings are sealed. Use new blanking caps.**

Disconnect the exhaust gas recirculation (EGR) cooler coolant hoses.

- ▶ Clamp the hoses to minimize coolant loss.
- ▶ Release the 2 clips.



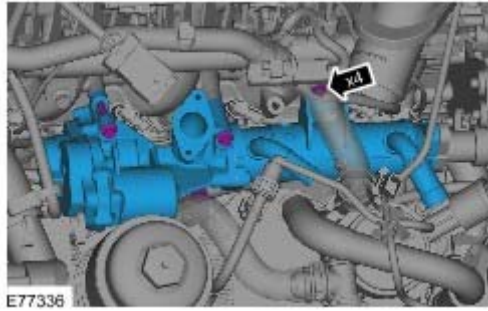
- 4 . Release the EGR valve inlet tube.
 - ▶ Remove the 2 bolts.



- 5 .  **CAUTION: Make sure that all openings are sealed. Use new blanking caps.**

Remove the EGR valve and cooler assembly.

- ▶ Remove the 4 bolts.
- ▶ Remove and discard the gasket.

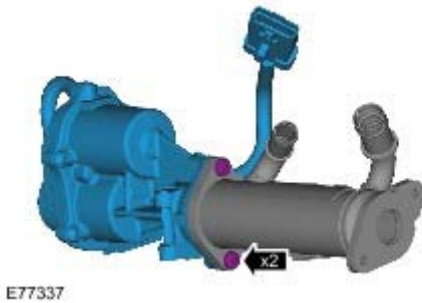


6 . **NOTE:**

Do not disassemble further if the component is removed for access only.

Remove the EGR valve.

- Remove the 2 bolts.
- Remove and discard the gasket.



Installation

1 .



CAUTION: Make sure that the mating faces are clean and free of foreign material.

Install the EGR valve.

- Install a new gasket.
- Tighten the bolts to 10 Nm (7 lb.ft).

2 .



CAUTION: Make sure that the mating faces are clean and free of foreign material.

NOTE:

Remove and discard the blanking caps.

Install the EGR valve and cooler assembly.

- Install a new gasket.
- Tighten the bolts to 10 Nm (7 lb.ft).

3 . Secure the EGR valve inlet tube.

- Tighten the bolts to 10 Nm (7 lb.ft).

4 . **NOTE:**

Remove and discard the blanking caps.

Connect the EGR cooler coolant hoses.

- ▶ Secure with the clips.
- ▶ Remove the hose clamps.

5 . Install the intake manifold plenum chamber.

For additional information, refer to [Intake Manifold Plenum Chamber](#)

6 . Connect the battery ground cable.

For additional information, refer to [Specifications](#)

7 . Check and top-up the coolant if required.