




## Exhaust Manifold RH (30.15.11)

### Removal

1. Disconnect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)
2. Remove the engine cover. For additional information, refer to [Engine Cover - 4.0L \(12.30.50\)](#) (Section 501-05)

3.  **WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

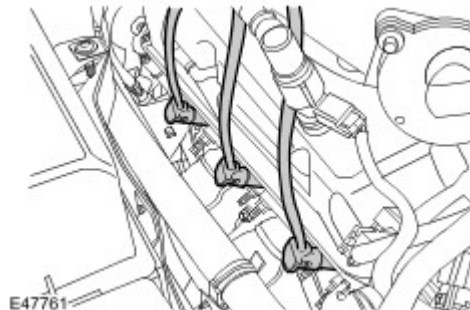
Raise and support the vehicle.

4. Release the exhaust system from the exhaust manifold.  
➤ Remove and discard the 2 bolts.



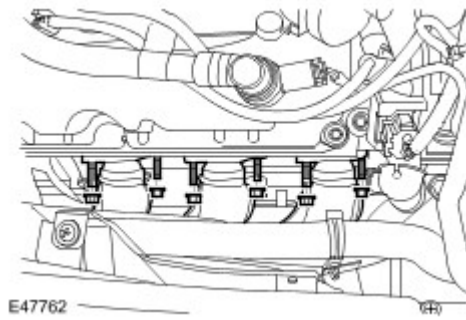
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5. Lower the vehicle.
6. Disconnect the high tension (HT) electrical connectors.  
➤ Move the leads aside for access.



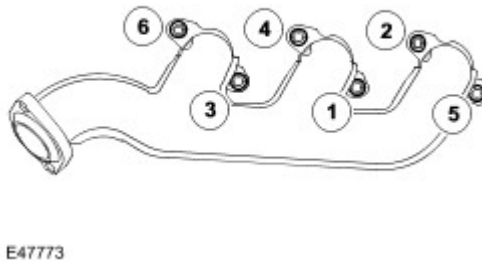
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7. Remove the exhaust manifold.  
➤ Remove the 6 nuts.  
➤ Remove and discard the gasket.



## Installation

1. Install the exhaust manifold.
  - ▶ Clean the component mating faces.
  - ▶ Install a new gasket.
  - ▶ Evenly and progressively, tighten the nuts to 25 Nm (18 lb.ft).



2. Connect the HT electrical connectors.
3. Raise the vehicle.
4. Install the exhaust system.
  - ▶ Clean the component mating faces.
  - ▶ Install new bolts and tighten to 40 Nm (30 lb.ft).
5. Lower the vehicle.
6. Install the engine cover. For additional information, refer to [Engine Cover - 4.0L \(12.30.50\)](#) (Section 501-05)
7. Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)