



## Intake Manifold Tuning (IMT) Valve (19.22.65)

### 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)

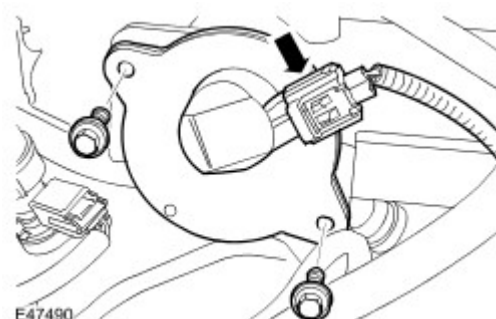
3.



**CAUTION:** Before the disconnection or removal of any components, ensure the area around joint faces and connections are clean. Plug any open connections to prevent contamination.

Remove the intake manifold tuning valve.

- Disconnect the electrical connector.
- Remove the 2 bolts.
- Discard the O-ring seal.



### Installation

1. Install the intake manifold tuning valve.
  - Clean the component mating faces.
  - Install a new O-ring seal.
  - Tighten the bolts to 10 Nm (7 lb.ft).
2. Connect the electrical connector.
3. Install the engine cover. For additional information, refer to [Engine Cover - 4.0L \(12.30.50\)](#) (Section 501-05)
4. Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)