

## Electronic Engine Controls - V8 4.4L Petrol - Variable Camshaft Timing (VCT) Oil Control Solenoid

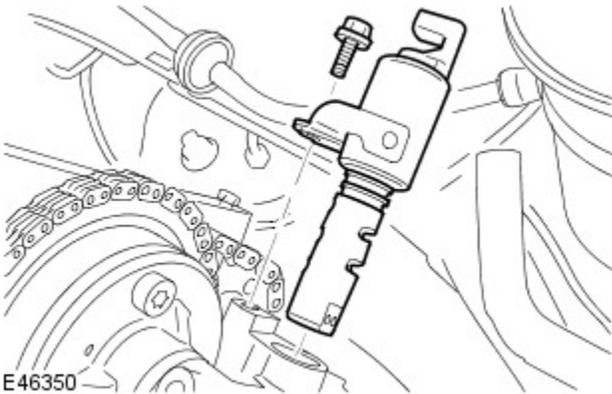
Removal and Installation

### Removal



NOTE: Removal of the RH is similar to this procedure.

1. Disconnect the battery ground cable.  
For additional information, refer to: [Specifications](#) (414-00 Battery and Charging System - General Information, Specifications).
2. Remove the valve cover.  
For additional information, refer to: [Valve Cover LH](#) (303-01B Engine - V8 4.4L Petrol, In-vehicle Repair).



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 variable camshaft timing (VCT) oil control solenoid.

- Remove the bolt.

### Installation

1. To install, reverse the removal procedure.
  - Clean the component mating faces.
  - Tighten the bolt to 10 Nm (7 lb.ft).



2. NOTE: For NAS vehicles only

If required, carry out a short drive cycle

For additional information, refer to: [Powertrain Control Module \(PCM\) Short Drive Cycle Self-Test](#) (303-14A Electronic Engine Controls - V6 4.0L Petrol, General Procedures).