

PUBLISHED: 11-MAY-2011
2011.0 RANGE ROVER (LM), 303-14A

ELECTRONIC ENGINE CONTROLS - TDV8 4.4L DIESEL

CRANKSHAFT POSITION SENSOR (G1311749)

REMOVAL

 NOTE:

Removal steps in this procedure may contain installation details.

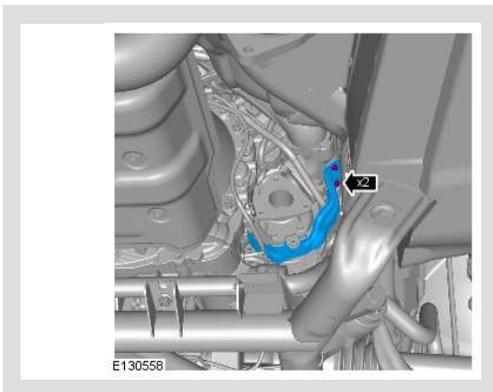
1. Disconnect the battery ground cable.
Refer to: [Specifications](#) (414-00 Battery and Charging System - General Information, Specifications).

2.  **WARNING:**
Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

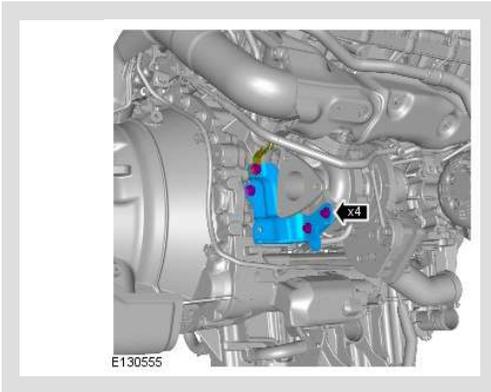
3. Refer to: [Starter Motor](#) (303-06A Starting System - TDV8 4.4L Diesel, Removal and Installation).

- 4.



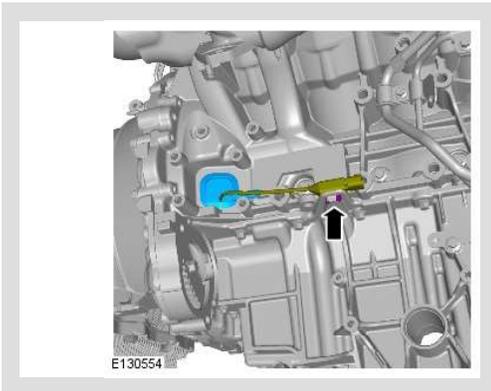
Torque: 10 Nm

5.



Torque: 23 Nm

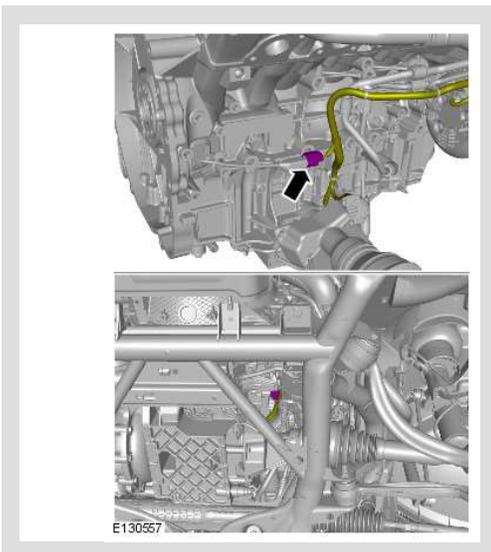
6.



7.

⚠ CAUTION:

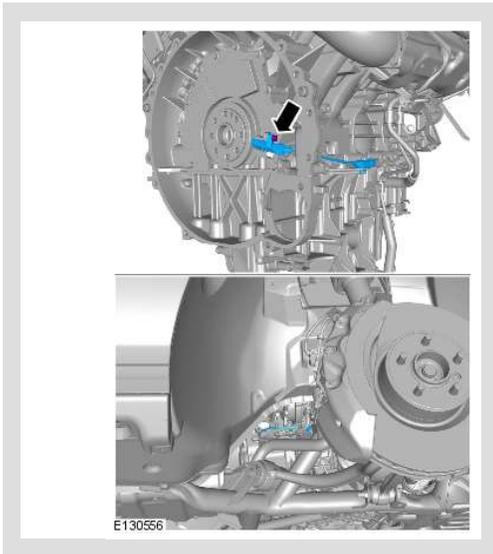
Before the disconnection or removal of any components, make sure the area around joint faces and connections are clean.



8.

 **NOTE:**

The CKP sensor retaining bolt should not be removed from the CKP sensor.



Torque: 5 Nm

INSTALLATION

1.

 **CAUTIONS:**

- Install the CKP sensor correctly into the housing. Failure to follow this instruction may result in damage to the CKP sensor.
- Make sure that the mating faces are clean and free of foreign material.
- Make sure that the component is clean, free of foreign material and lubricant.

To install, reverse the removal procedure.