

2010.0 XF (X250), 303-01

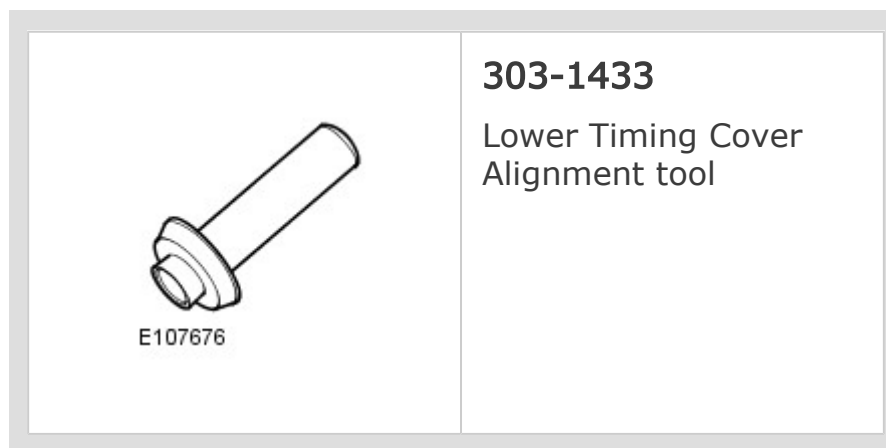
ENGINE - V8 S/C 5.0L PETROL

## LOWER TIMING COVER (G1472705)

### REMOVAL AND INSTALLATION

12.66.03	TIMING COVER - LOWER - RENEW	5000 CC, AJ V8, SUPERCHARGED	4.3	USED WITHINS
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### SPECIAL TOOL(S)



### REMOVAL

1. Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).

2.

**WARNING:**

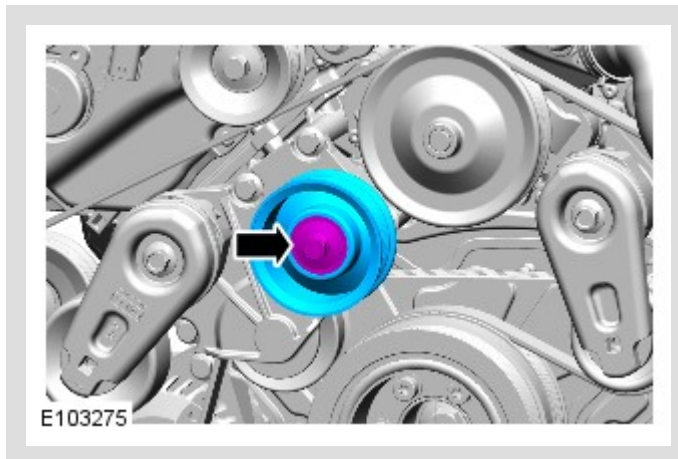
Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

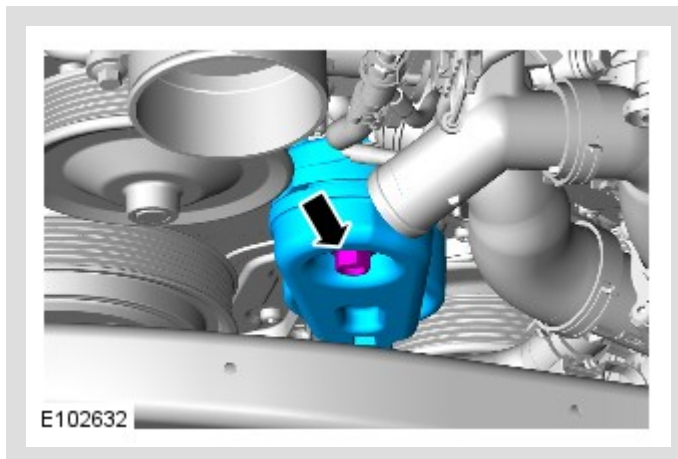
3.

Refer to: Crankshaft Pulley (303-01 Engine - V8 S/C 5.0L Petrol, Removal and Installation).

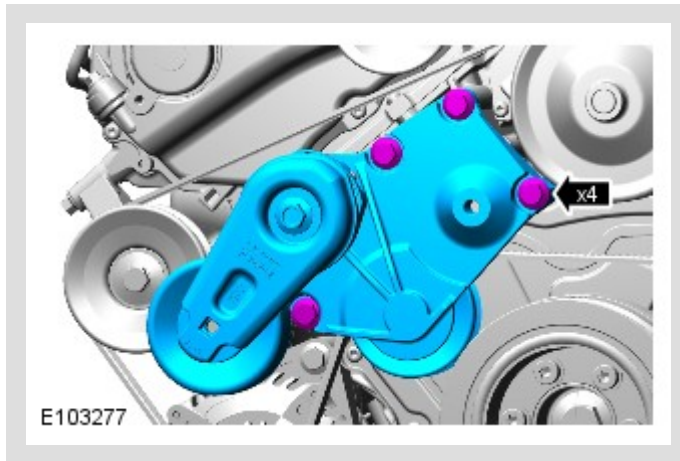
4.



5.

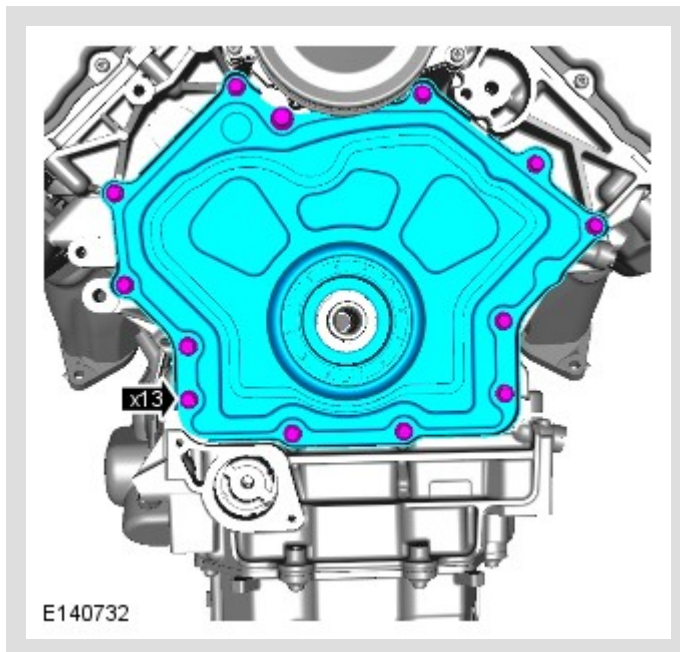


6.



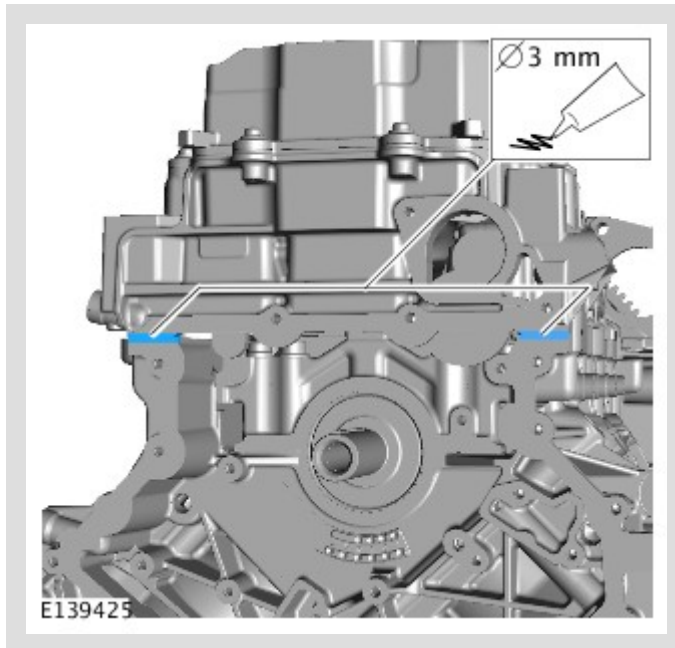
7. Refer to: [Brake Vacuum Pump - V8 5.0L Petrol/V8 S/C 5.0L Petrol](#) (206-07 Power Brake Actuation, Removal and Installation).

8.



## INSTALLATION

1.

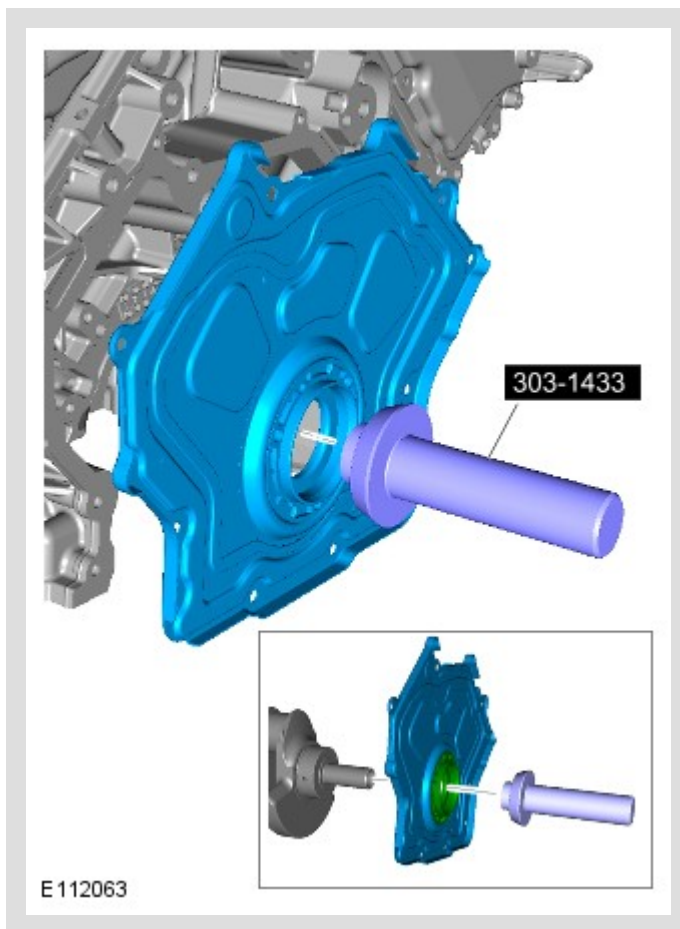


Apply RTV sealant WSE-M4G323-A6 (Loctite 5901G) to the areas shown, and tighten the bolts within 7 minutes.

2.

### ⚠ CAUTION:

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

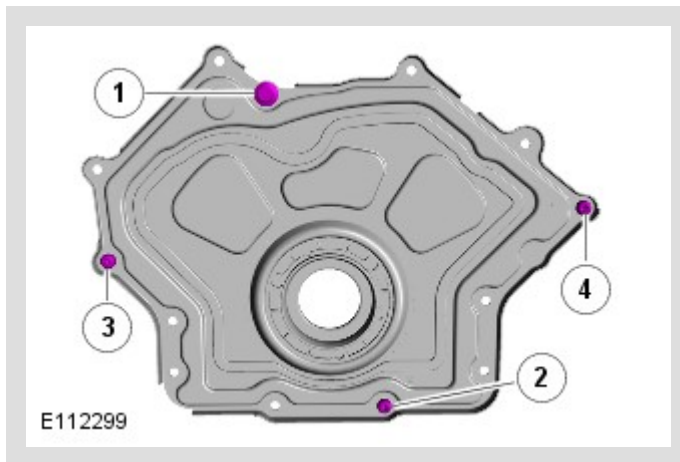


Install the bolts, but do not tighten fully at this stage.

*Special Tool(s):* [303-1433](#)

 **NOTE:**

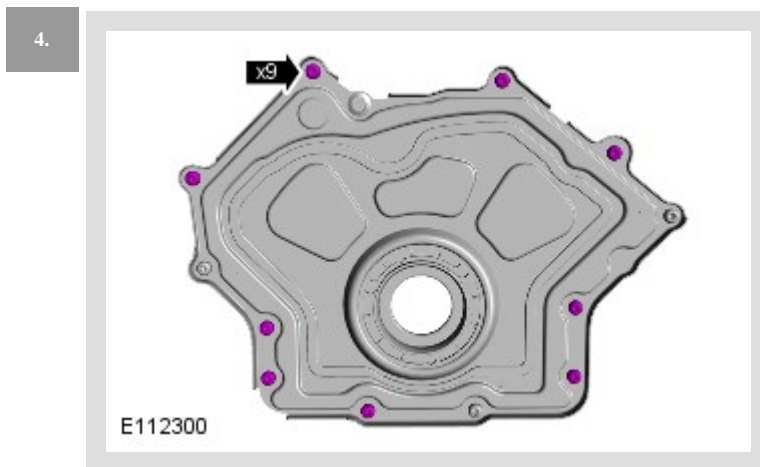
Tighten the bolts in the indicated sequence.



*Torque:*

M6 **12 Nm**

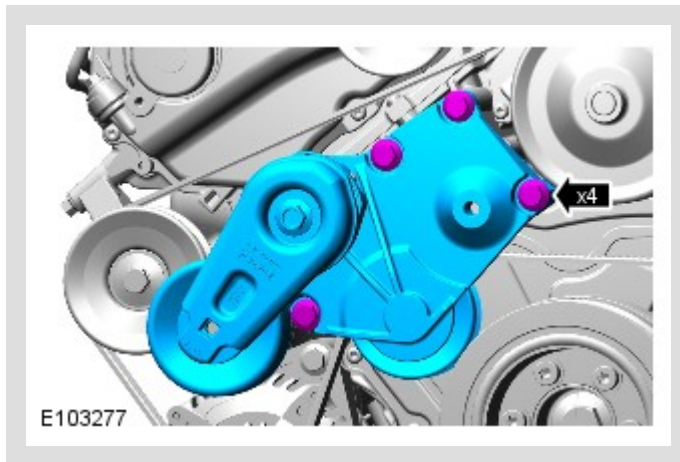
M8 **20 Nm**



*Torque:* **12 Nm**

5. Refer to: [Brake Vacuum Pump - V8 5.0L Petrol/V8 S/C 5.0L Petrol](#) (206-07 Power Brake Actuation, Removal and Installation).

6.

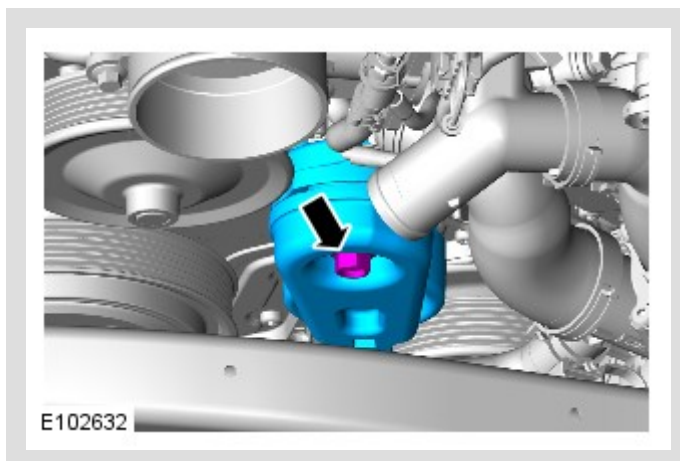


*Torque: 25 Nm*

7.

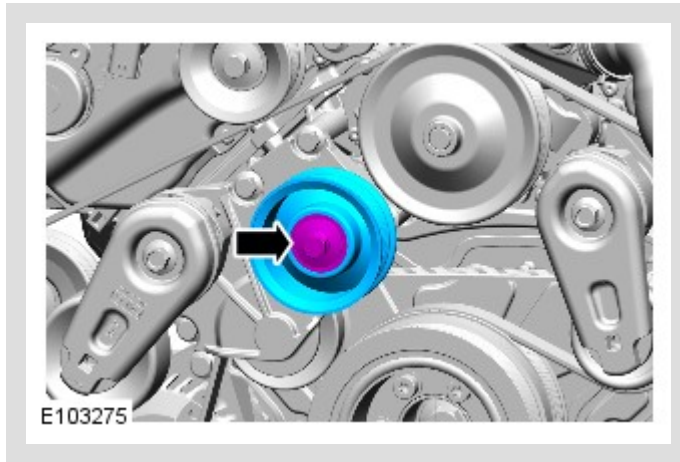
 **NOTE:**

Install the bolt finger tight before final tightening.



*Torque: 40 Nm*

8.



*Torque: 40 Nm*

9. Refer to: Crankshaft Pulley (303-01 Engine - V8 S/C 5.0L Petrol, Removal and Installation).
10. Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).

11. **ⓘ CAUTION:**

Make sure that the vehicle is left for 5 minutes from filling with oil and that the engine oil level is reading at least minimum (by following Steps 14-18), before starting the engine.

- Fill the engine with oil - for filling values on vehicles without supercharger:  
Refer to: [Specifications](#) (303-01C Engine - V8 5.0L Petrol, Specifications).
- Fill the engine with oil - for filling values on vehicles with supercharger:



Refer to: [Specifications](#) (303-01D Engine - V8 S/C 5.0L Petrol, Specifications).

- Clean any residual engine oil from the oil filler cap area.

12.

**⚠ CAUTION:**

Make sure that the vehicle has been left for 5 minutes from filling with oil.

Follow the Steps 14-18 before starting the engine.

13.

- Start the engine and allow to run for 10 minutes, stop the engine.
- Check for leaks.

14.

**⚠ CAUTIONS:**

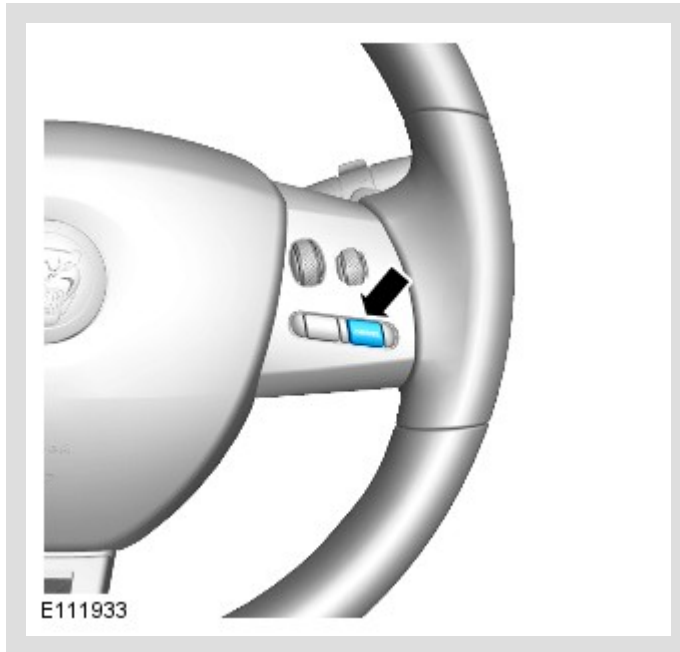
- Make sure that the selector lever and the gearshift mechanism are in the park (P) position.
- Make sure that the hood is open.

- Turn the ignition on.

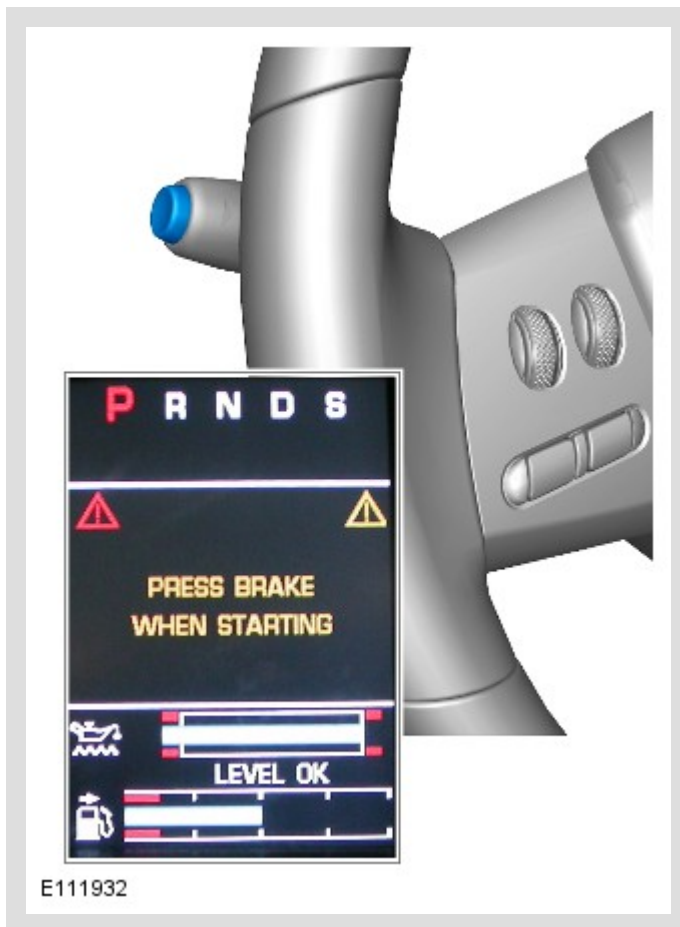
15.



- Scroll through the trip menu to access the engine oil level display.



- Press the cruise control cancel button twice within 2 seconds.



- The message center display will revert to the normal display in the trip computer.

- Scroll through the trip menu to access the engine oil level display.
- Check that the oil level display shows an oil level reading.
- Only after having started and run the engine for 10 minutes (as indicated in Step 13), switch off the engine, then stabilizing for 10 minutes, take a reading from the oil level display and, if necessary top up with engine oil.

18.



**NOTE:**

If instructed to follow Steps 14-18 in a previous step, return to Step 13 and continue the procedure.

Turn the ignition off.

19.

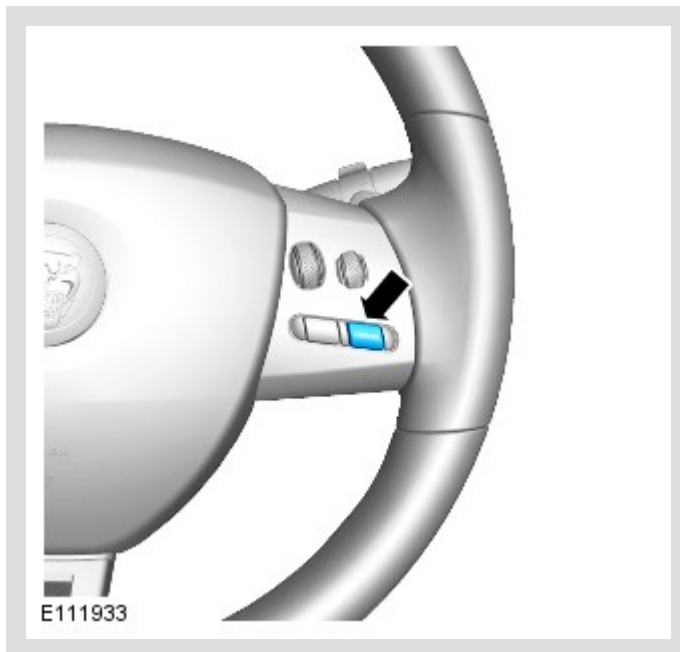
Allow 10 minutes for the engine oil level to stabilize if there has been additional oil top up.

20.



**NOTE:**

The following steps are to update the average oil level value.



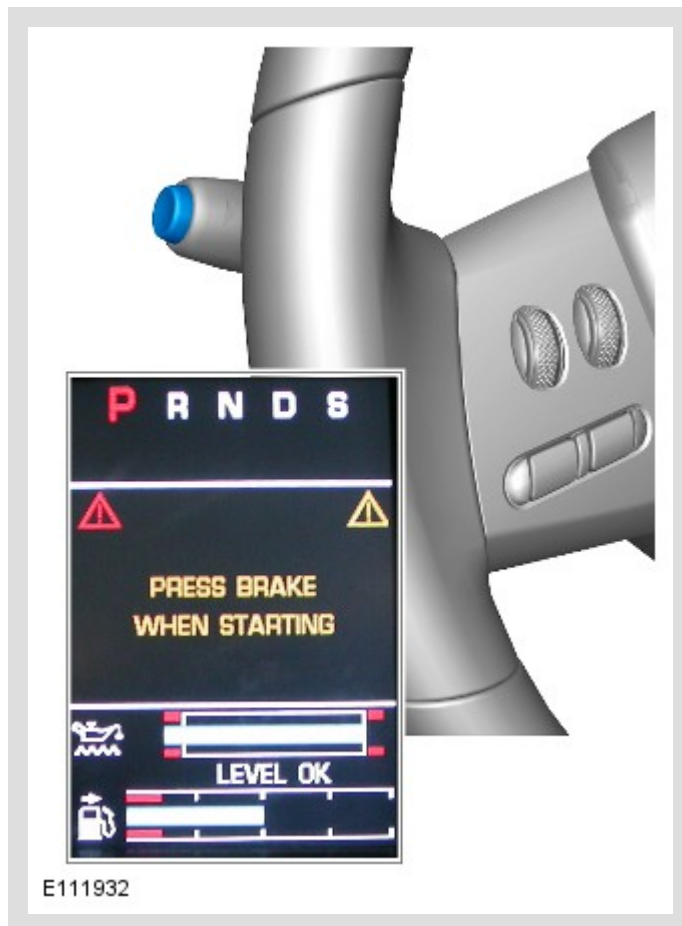
- Turn the ignition on.
- Press and hold the cruise control cancel button for more than 2 seconds.

21. ▪ The message center display will revert to the normal display in the trip computer.

22. Turn the ignition off.

23. Turn the ignition on.

24.



- Scroll through the trip menu to access the engine oil level display.
- Make sure that the average oil level value has now been updated.

25. Refer to: [Air Deflector](#) (501-02 Front End Body Panels, Removal and Installation).