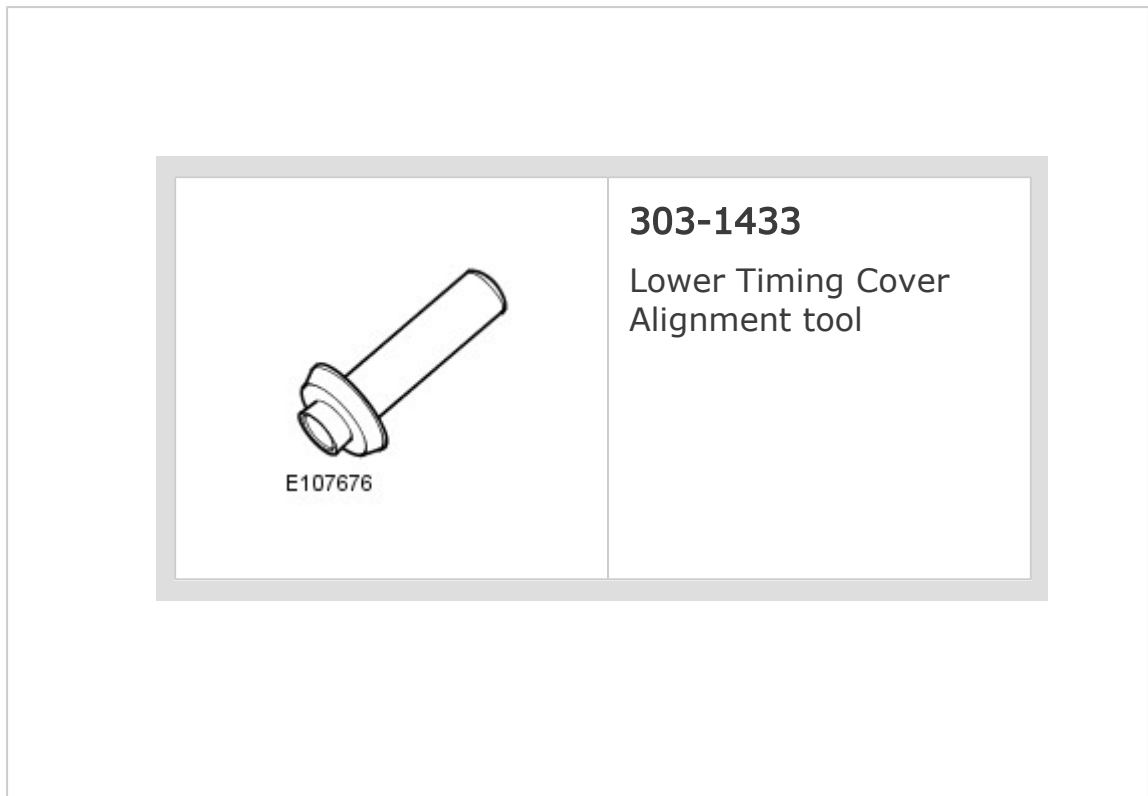


ENGINE - V8 S/C 5.0L PETROL

TIMING COVER (G1780495)

REMOVAL AND INSTALLATION

SPECIAL TOOL(S)



REMOVAL

NOTES:

- Some variation in the illustrations may occur, but the essential information is always correct.
- Some illustrations may show the engine removed for clarity.

All vehicles

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.

Vehicles with 3.0L SC engine

1. Refer to: [Accessory Drive Belt](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).
Refer to: [Accessory Drive Belt Tensioner](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).
Refer to: [Thermostat Housing](#) (303-03A Engine Cooling - V6 S /C 3.0L Petrol, Removal and Installation).
Refer to: [Electric Thermostat](#) (303-03A Engine Cooling - V6 S /C 3.0L Petrol, Removal and Installation).

2.  **NOTE:**

Both components must be removed.

Refer to: [Valve Cover LH](#) (303-01A Engine - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Valve Cover RH](#) (303-01A Engine - V6 S/C 3.0L Petrol, Removal and Installation).

Vehicles with 5.0L SC engine

1. Refer to: [Accessory Drive Belt](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Accessory Drive Belt Tensioner](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Thermostat Housing](#) (303-03A Engine Cooling - V6 S/C 3.0L Petrol, Removal and Installation).

2.



NOTE:

Both components must be removed.

Refer to: [Valve Cover LH](#) (303-01B Engine - V8 S/C 5.0L Petrol, Removal and Installation).

Refer to: [Valve Cover RH](#) (303-01B Engine - V8 S/C 5.0L Petrol, Removal and Installation).

All vehicles

1.

Refer to: [Crankshaft Pulley](#) (303-01A, Removal and Installation).

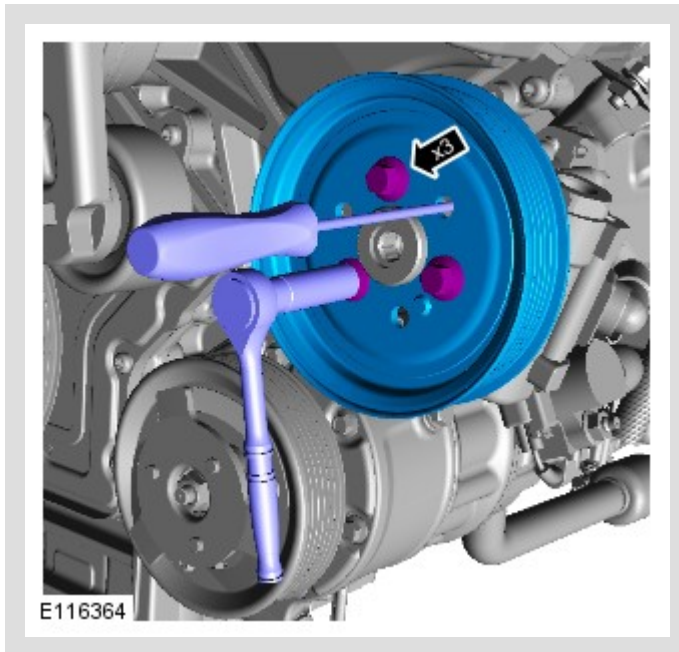
Refer to: [Crankshaft Pulley](#) (303-01B, Removal and Installation).

2.

Refer to: [Brake Vacuum Pump](#) (206-07 Power Brake Actuation, Removal and Installation).

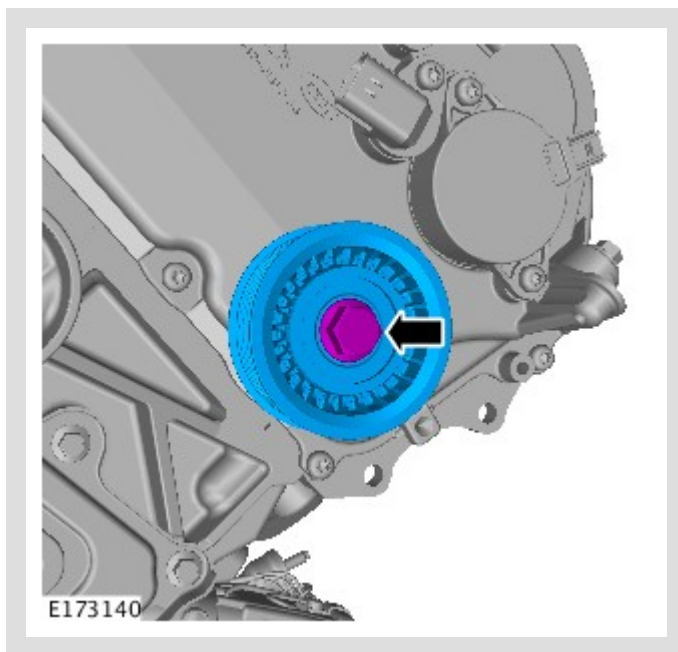
Vehicles with hydraulic power steering

1.



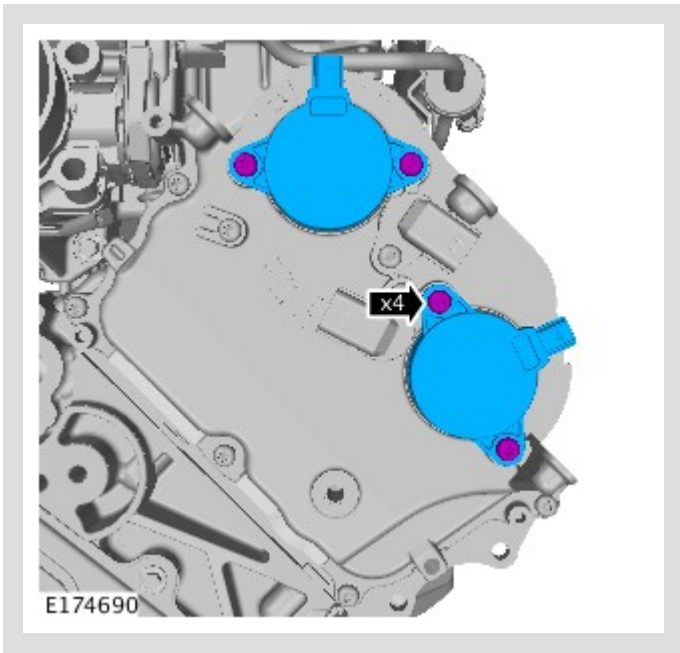
Vehicles with electric power steering

1.

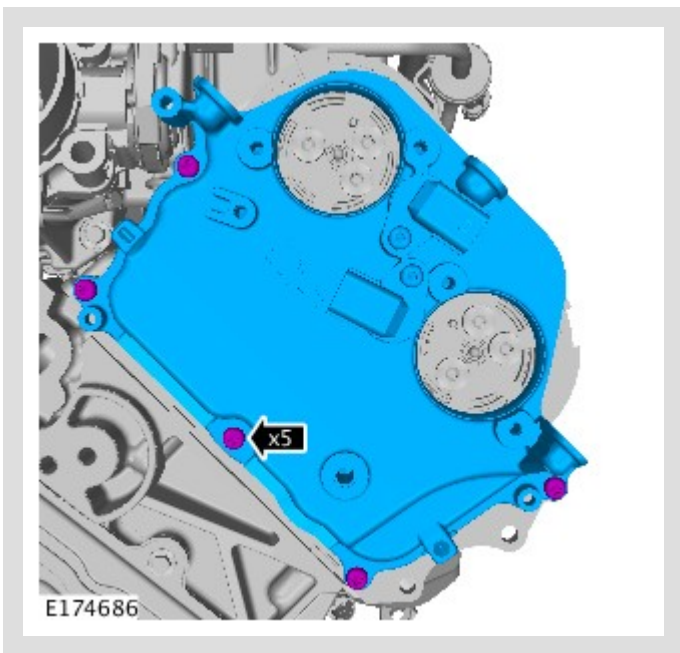


All vehicles

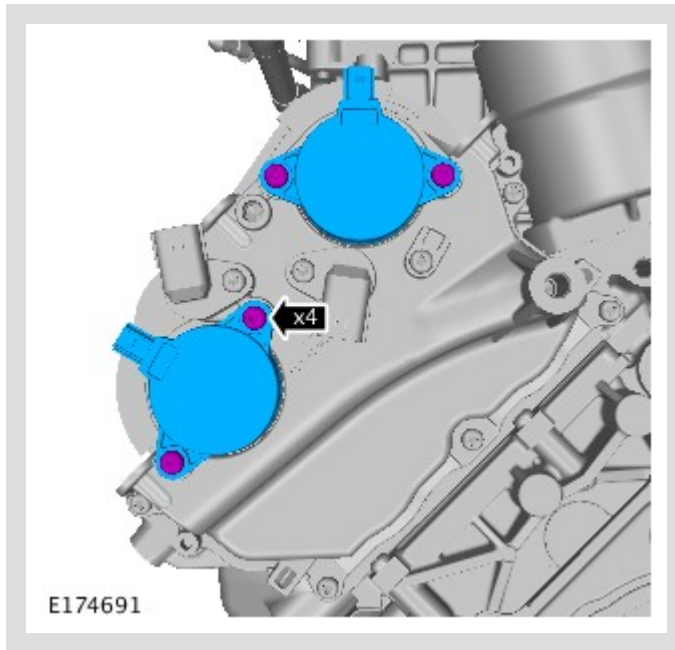
1.



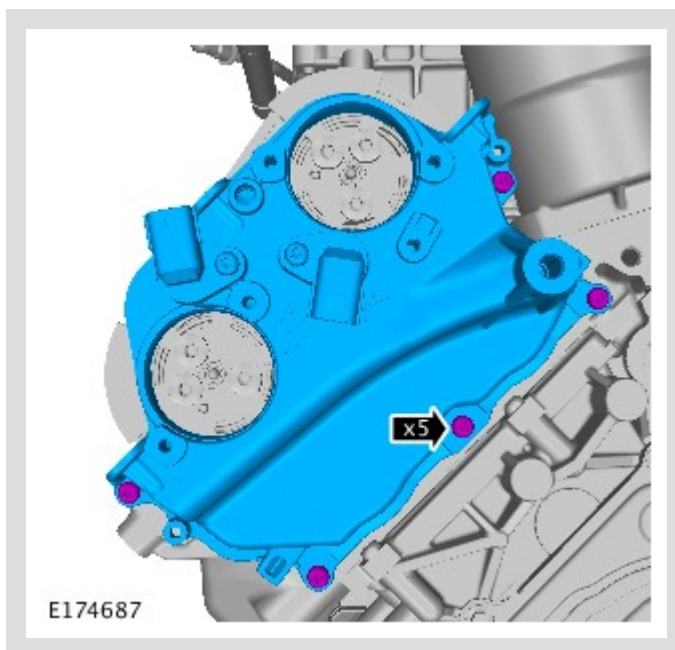
2.



3.



4.

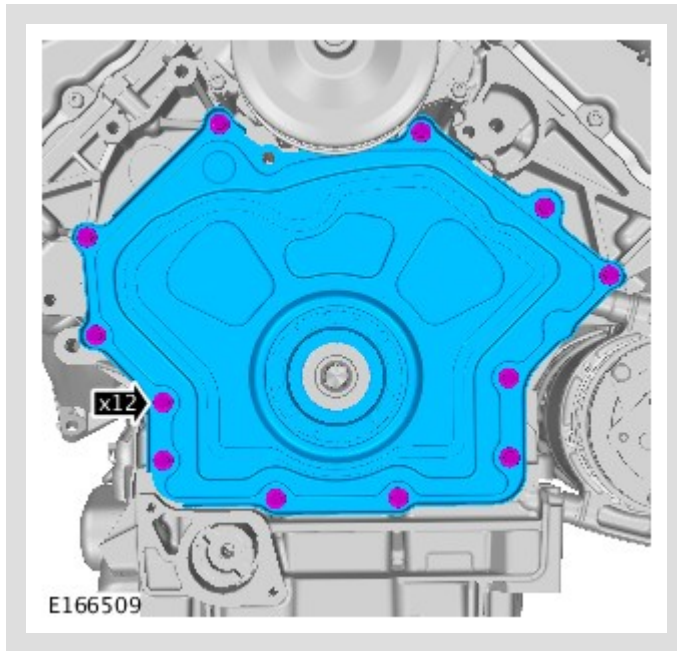


5. Refer to: Crankshaft Pulley (303-01 Engine - V8 S/C 5.0L Petrol, Removal and Installation).

6. Refer to: [Brake Vacuum Pump](#) (206-07 Power Brake Actuation, Removal and Installation).

7. **ⓘ CAUTION:**

Discard the component.



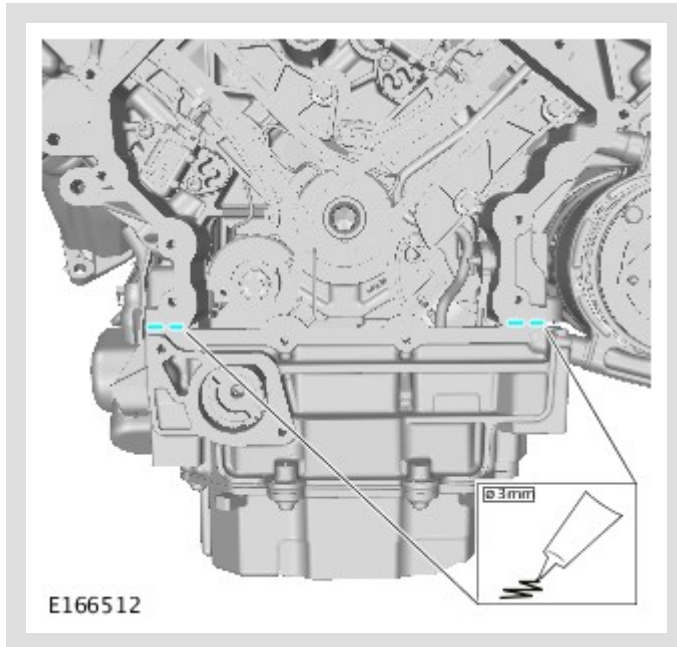
INSTALLATION

All vehicles

1.

ⓘ CAUTIONS:

- Use only a plastic scraper when removing the sealing material.
- Make sure that the mating faces are clean and free of foreign material.
- Make sure that the Land Rover approved cleaning fluid (Loctite 7063) is used to clean the mating faces.

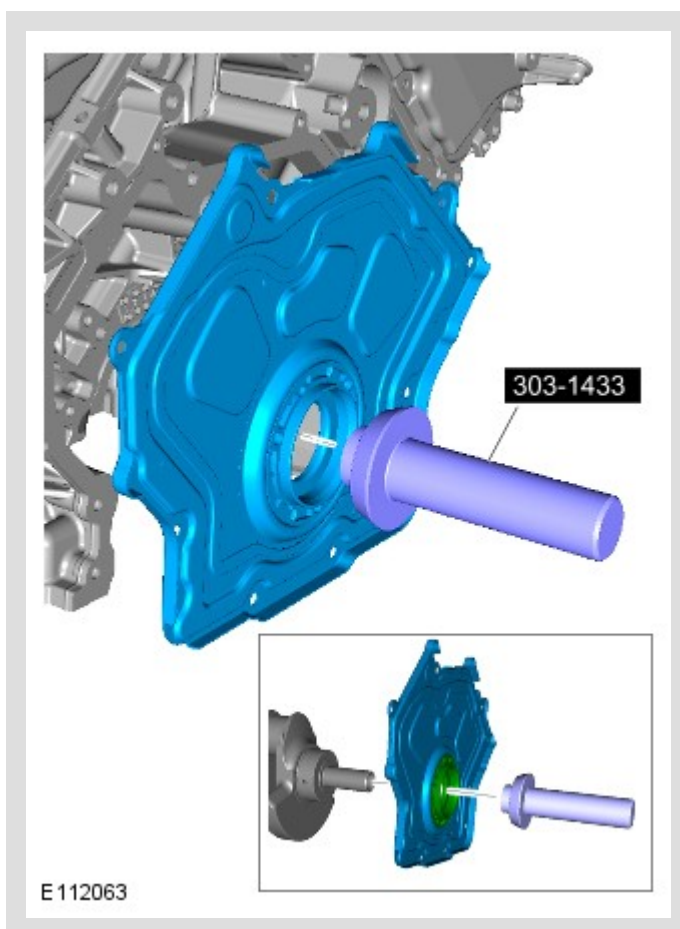


Apply RTV sealant (Loctite 5901G) to the areas shown.

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](#)

3.

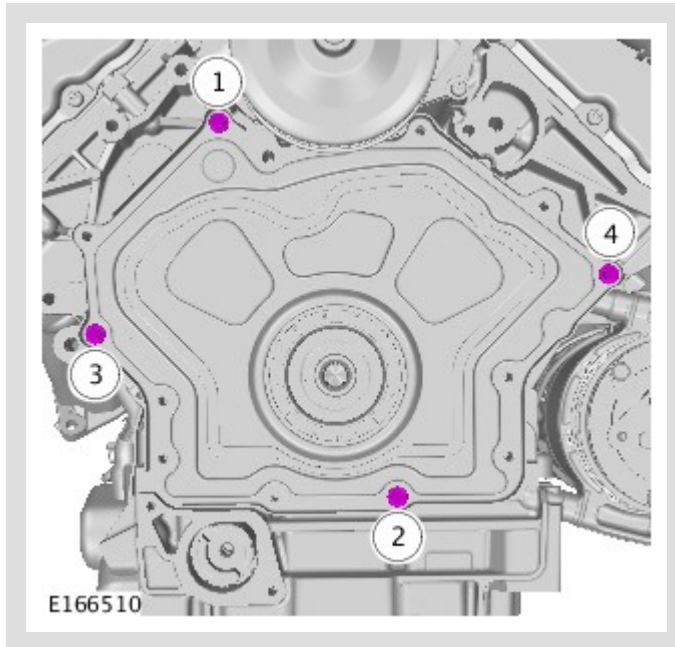
⚠ CAUTION:

Make sure that a new component is installed.

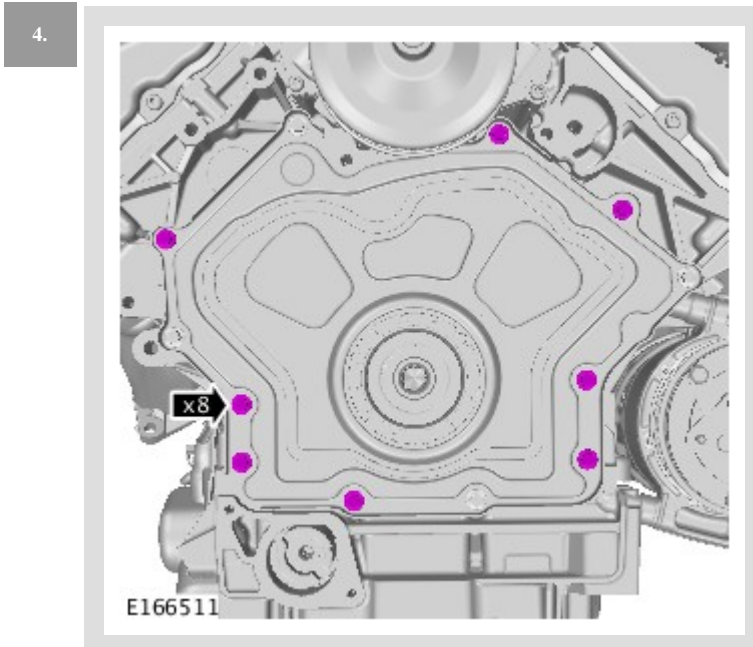


NOTES:

- Tighten the bolts in the indicated sequence.
- Special tools shown removed for clarity.



Torque: 12 Nm



Torque: 12 Nm

5. Remove the special tools.

6. Refer to: [Brake Vacuum Pump](#) (206-07 Power Brake Actuation, Removal and Installation).

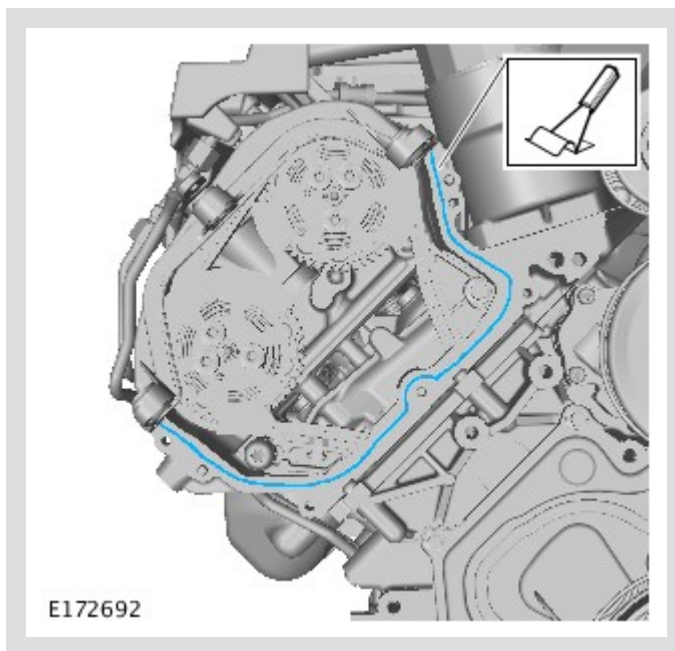
7. Refer to: Crankshaft Pulley (303-01A, Removal and Installation).

Refer to: Crankshaft Pulley (303-01B, Removal and Installation).

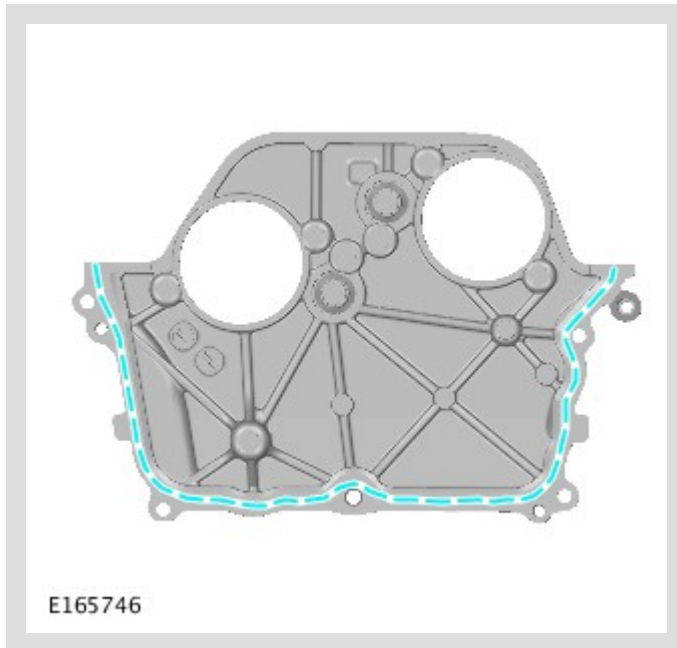
8.

ⓘ CAUTIONS:

- Use only a plastic scraper when removing the sealing material.
- Make sure that the mating faces are clean and free of foreign material.
- Make sure that the Land Rover approved cleaning fluid (Loctite 7063) is used to clean the mating faces.



9.



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

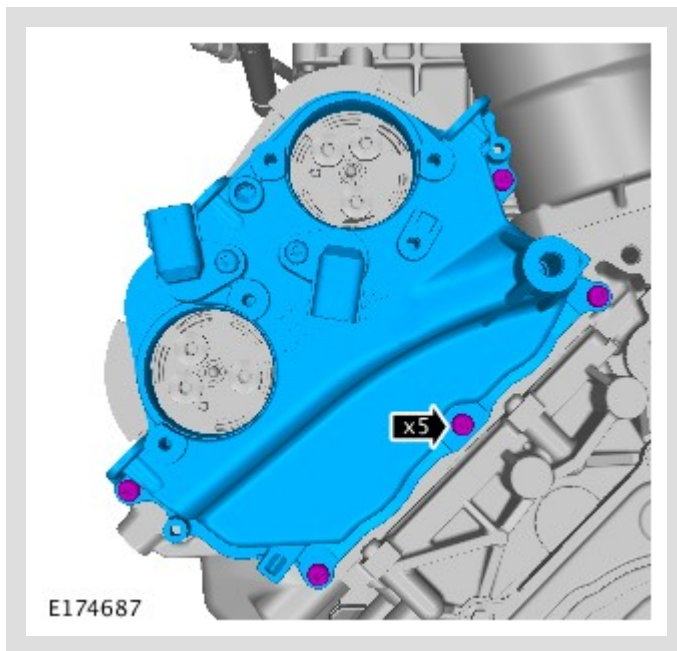
10.

⚠ CAUTION:

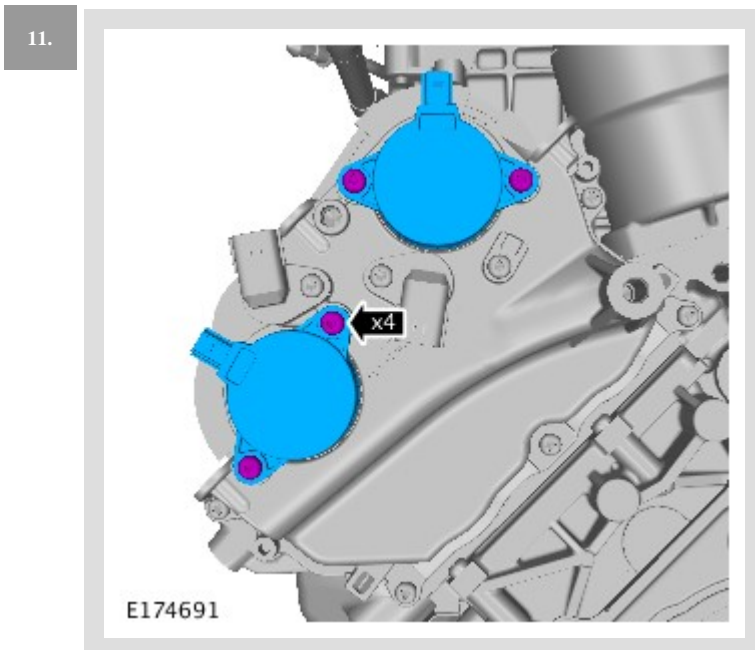
Install all the bolts finger tight before final tightening.

△ NOTE:

Tighten the bolts in the indicated sequence.



Torque: 12 Nm



Torque: 12 Nm

12.

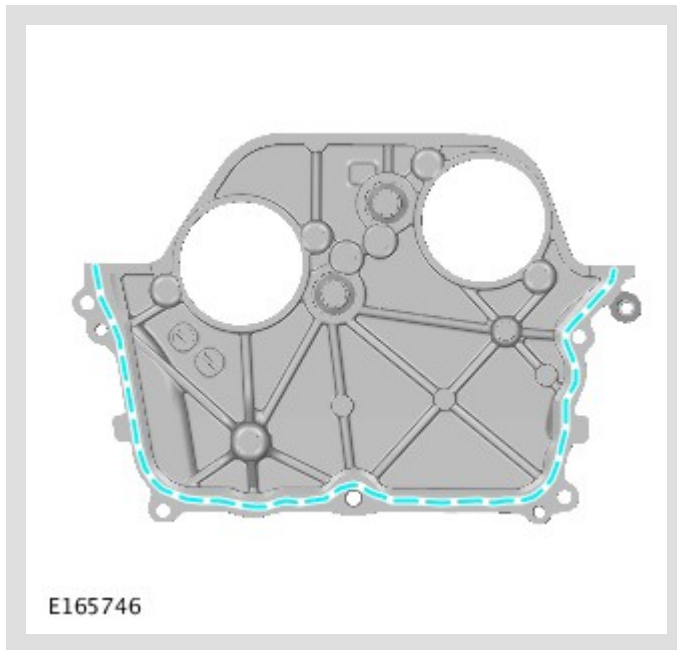


CAUTIONS:

- Use only a plastic scraper when removing the sealing material.
- Make sure that the mating faces are clean and free of foreign material.
- Make sure that the Land Rover approved cleaning fluid (Loctite 7063) is used to clean the mating faces.



13.



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

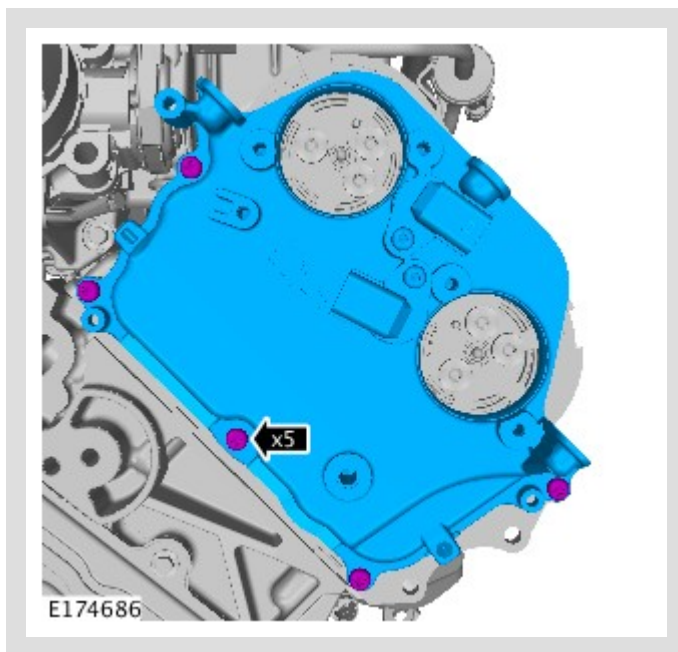
14.

⚠ CAUTION:

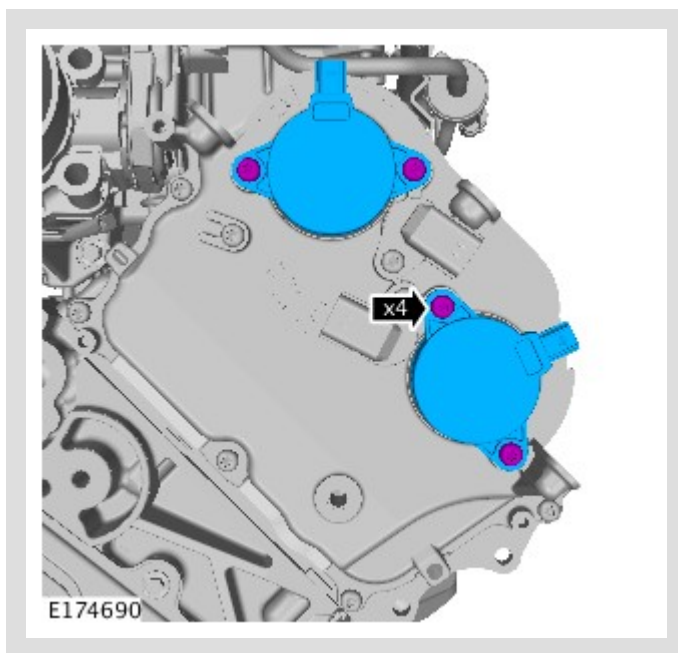
Install all the bolts finger tight before final tightening.

△ NOTE:

Tighten the bolts in the indicated sequence.



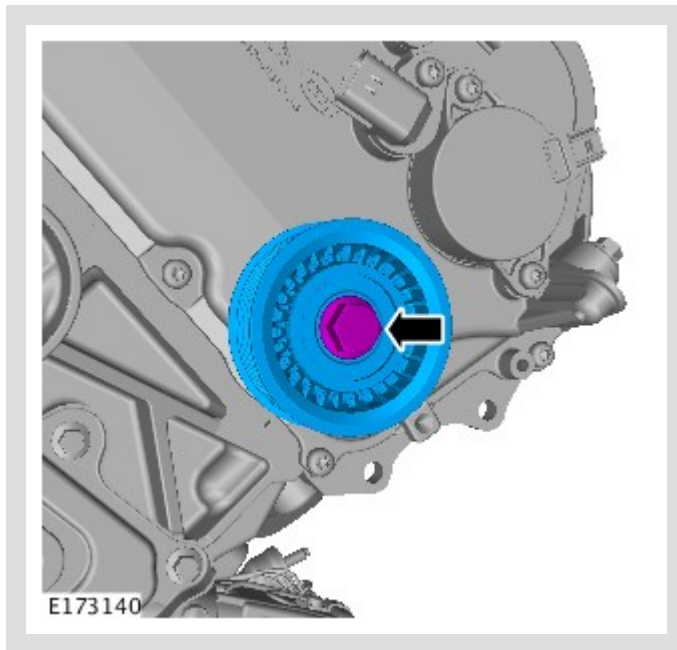
Torque: 12 Nm



Torque: 12 Nm

Vehicles with electric power steering

1.



Torque: 48 Nm

Vehicles with hydraulic power steering

1.



Torque: 25 Nm

Vehicles with 5.0L SC engine

1. Refer to: [Valve Cover LH](#) (303-01B Engine - V8 S/C 5.0L Petrol, Removal and Installation).
Refer to: [Valve Cover RH](#) (303-01B Engine - V8 S/C 5.0L Petrol, Removal and Installation).
2. Refer to: [Thermostat Housing](#) (303-03A Engine Cooling - V6 S/C 3.0L Petrol, Removal and Installation).
Refer to: [Accessory Drive Belt Tensioner](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Accessory Drive Belt](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).

Vehicles with 3.0L SC engine

1. Refer to: [Valve Cover LH](#) (303-01A Engine - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Valve Cover RH](#) (303-01A Engine - V6 S/C 3.0L Petrol, Removal and Installation).

2. Refer to: [Electric Thermostat](#) (303-03A Engine Cooling - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Thermostat Housing](#) (303-03A Engine Cooling - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Accessory Drive Belt Tensioner](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).

Refer to: [Accessory Drive Belt](#) (303-05A Accessory Drive - V6 S/C 3.0L Petrol, Removal and Installation).

All vehicles

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

2015.0 F-TYPE (X152), 414-01

BATTERY, MOUNTING AND CABLES

BATTERY DISCONNECT AND CONNECT (G1579511)