

Reference	SSM72983
Models	LR4 / L319 Range Rover / L405 Range Rover Sport / L494
Title	3.0 TDV6 Engine Oil Leak
Category	Engine
Last modified	29-Sep-2016 00:00:00
Symptom	499000 Basic Engine
Attachments	TDV6 Oil Leaks1.pdf (TDV6 Oil Leaks1.pdf)

Content**Issue:**

Jaguar Land Rover have been receiving a number of reports detailing an alleged oil leak from the engine sump gasket on vehicles equipped with the 3.0 TDV6 engine.

Cause:

Incorrect diagnosis, engine leaking oil from various other areas, not the engine sump gasket.

Action:

JLR engineering have now conducted a number of Retailer visits for this concern, none of which have ended up in the sump gasket being the root cause of the leak. Replacing the engine sump gasket is an invasive repair (in excess of 7hrs) necessitating front differential removal, therefore if you have a vehicle where oil is exhibiting from the engine the oil should be cleaned off so the correct leak path can be identified using leak trace powder if necessary.

Area of leaks identified during the engineering visits include (in order of priority)–
Oil leaking from the turbocharger oil return hose (**due to a damaged o'ring**) see attached file.

Camshaft cover gasket leaking where oil then tracks down to the turbocharger area.
V clamp joint on the secondary turbo loose, check and confirm the accessible nut is tightened to 9Nm (refer to SSM 72381 and attached file for further information).

The underneath of the vehicle should be thoroughly cleaned of any oil once the leak path has been found and rectified to confirm no further oil leak is evident once the repair has been carried out.

TOPIx diagnostics for engine oil leaks will be reviewed and updated where required.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.