

Reference	SSM72901
Models	LR3 / L319 Range Rover / L405 Range Rover Sport / L494
Title	8HP70 Automatic Transmission Oil Leak 15-16MY
Category	Driveline
Last modified	16-May-2018 00:00:00
Symptom	501000 Automatic Transmission Concerns
Attachments	11Porous Transmission Housing.pdf

Content**Issue:**

Oil leaking between the automatic transmission and transfer case which is currently being misdiagnosed leading to repeat repairs, i.e. leaks incorrectly being identified as coming from the rear transmission oil seal or sump.

Oil weeps through the aluminium of the casing in the base of the pocket around where the steel D clutch tube is embedded, refer to attached file.

Cause:

Internal porosity in the area of the extension casing allows oil to reach the end of the small pocket under the tube where it is prone to casting skin damage during casting. Oil then drips from the drain hole in the space between the transmission and transfer box.

Action:

Remove the transfer case and inspect the area as shown in the attached file. If a leak is confirmed in this area, submit a FRED for an automatic transmission replacement attaching clear photos confirming the issue.

Affected Vin Range

(LG) Range Rover – **197043 - 279179**

(LW) Range Rover Sport – **504511 - 577765**

(LW) Range Rover Sport – **601763 - 648339**

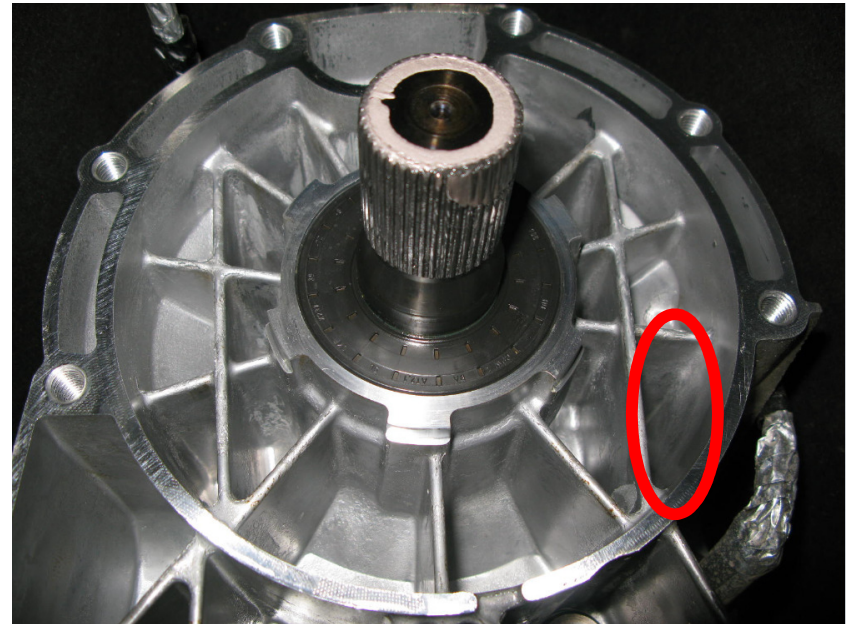
(LA) Discovery 4/LR4 – **731301 - 812783**

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.



Area of leak