

Reference	SSM72901
Models	LR4 / L319 Range Rover / L405 Range Rover Sport / L494
Title	8HP70 Automatic Transmission Oil Leak 15-16MY
Category	Driveline
Last modified	28-Jul-2016 00:00:00
Symptom	501000 Automatic Transmission Concerns
Attachments	Porous Transmission Housing.pdf (Porous 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**



Area of leak