

<b>Reference</b>	SSM73709
<b>Models</b>	Discovery / L462 Range Rover / L405 Range Rover Sport / L494
<b>Title</b>	8HP45 Automatic Transmission Casing Oil Leak 2017/2018MY Vehicles
<b>Category</b>	Driveline
<b>Last modified</b>	11-Apr-2018 00:00:00
<b>Symptom</b>	501000 Automatic Transmission Concerns
<b>Attachments</b>	18HP45 Transmission Casing Leak.pdf

**Content****Issue:**

Oil leaking between the automatic transmission and transfer case assemblies which in some instances is being misdiagnosed potentially leading to repeat repairs, for example leaks incorrectly being identified as coming from the rear transmission oil seal or oil pan.

Oil weeps through the aluminium casing in the rear extension housing of the transmission in the base of the pocket around where the steel D clutch steel tube is embedded.

**Affected Vin Range**

(LG) Range Rover – **347117 - 397068**

(LW) Range Rover Sport – **148715 - 199999**

(LW) Range Rover Sport - **400000 - 404939**

(LW) Range Rover Sport – **683503 - 699999**

(LR) Discovery – **013353 - 064732**

**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 assembly.
- Inspect the area as shown in the attached file.
- Confirm leak is as shown in the attached file.

Submit a FRED for an automatic transmission replacement attaching clear photos confirming the issue

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.

