

TECHNICAL BULLETIN
JTB00417NAS1
25 AUG 2015



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 307-00

Automatic Transmission Oil Leak Detection Procedure

AFFECTED VEHICLE RANGE:

F-TYPE (X152)

Model Year: 2013 Onwards
VIN: K00001 Onwards
Manufacturing Plant: Castle Bromwich

Transmission: 8HP70 8-Speed Automatic
Transmission AWD
8HP70 8-Speed Automatic
Transmission RWD

XF (X250)

Model Year: 2012-2015
VIN: S20753-U88785
Manufacturing Plant: Castle Bromwich

XJ Range (X351)

Model Year: 2012 Onwards
VIN: V22230 Onwards
Manufacturing Plant: Castle Bromwich

MARKETS:

NAS

CONDITION SUMMARY:

Situation: An oil leak may be evident from underneath the vehicle or discovered during routine service.

Cause: The cause may be unknown.

Action: If a leak is discovered or a customer has expressed this concern, follow the Service Procedure outlined below.

PARTS:



NOTE: an allowance of \$5.44 has been allocated to cover the use of a degreaser and a detector spray using 'ZZZ001'.

No Parts Required

TOOLS:

No Tools Required

WARRANTY:



NOTE: an allowance of \$5.44 has been allocated to cover the use of a degreaser and a detector spray using 'ZZZ001'.

NOTE: Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.

NOTE: DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

| DESCRIPTION | SRO | TIME (HOURS) | CONDITION CODE | CAUSAL PART |
|---|-----------------|--------------|----------------|-------------|
| 8 Speed Transmission Oil Leak Detection Process Steps | 05.10.70 | 0.7 | 42 | C2D41052 |

NOTE: Normal Warranty procedures apply.

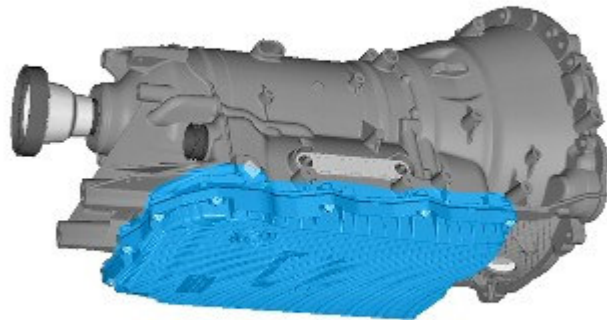
SERVICE PROCEDURE:

NOTE: slight surface oil dampness without drops is acceptable and should not be repaired as a leak.

NOTE: be aware that oil leaks from above the transmission will cause oil to collect on the transmission oil pan i.e. engine leaks, oil cooler pipe leaks, even diesel fuel leak.

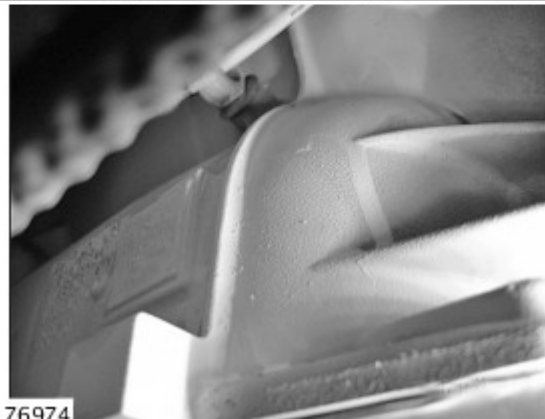
NOTE: fixing the incorrect leak does not satisfy the customer.

1. Remove the air deflector to gain access to the transmission area (see TOPIx Workshop Manual, section 501-02).
2. Using a suitable degreaser, thoroughly degrease the transmission oil pan and transmission oil pan seal/joint all the way around the transmission, as well as approximately 1-2 inches (25-50mm) above the seal joint.



E178340

3. Using a suitable detector spray, thoroughly coat the transmission sump, going all the way around the transmission. Coat the sump seal/joint and 1-2 inches (25-50mm) above the seal joint.



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4. Install the air deflector (see TOPIx Workshop Manual, section 501-02).
5. Complete a suitable road test and make sure that the engine gets to normal operating temperature.

6.  **NOTE: note the exact source of the transmission oil leak.**

Remove the air deflector (see TOPIx Workshop Manual, section 501-02).

- Make sure the oil leak is definitely coming from the transmission oil pan body or the transmission oil pan seal.
 - If the transmission oil pan or the transmission oil pan seal is not leaking, DO NOT change these components.
 - Continue diagnosis until the exact source of the leak is found.
7. Use TOPIx to check the tightening torque figures for the transmission oil pan before suspecting loose screws.
 8. To install, reverse the removal procedure.