

TECHNICAL BULLETIN

LTB00834NAS1

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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 Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 205-00

Active Driveline Power Transfer Unit Weeping Oil

AFFECTED VEHICLE RANGE:

Range Rover Evoque (LV)

Model Year: 2014 Onwards

VIN: 856580 Onwards

Manufacturing Plant: Halewood

With: Active Driveline

MARKETS:

NAS

CONDITION SUMMARY:

Situation: Upon routine maintenance, a technician may find oil weeping from the Active Driveline Power Transfer Unit (PTU).

Cause: This may be caused by oil weeping from the detent sealing cap.

Action: Should a technician find this issue, follow the Service Instruction below.

PARTS:

LR000375

PTU detent cap

Quantity: 1

LR019727

75W-90 oil

Quantity: 1

TOOLS:

100-012



Slide Hammer
100-012

E54135

308-615



Remover, Seals
308-615

E86871

WARRANTY:

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
Detent cap - PTU housing - Renew	41.27.04	0.5	42	LR051510

NOTE: Normal Warranty procedures apply.

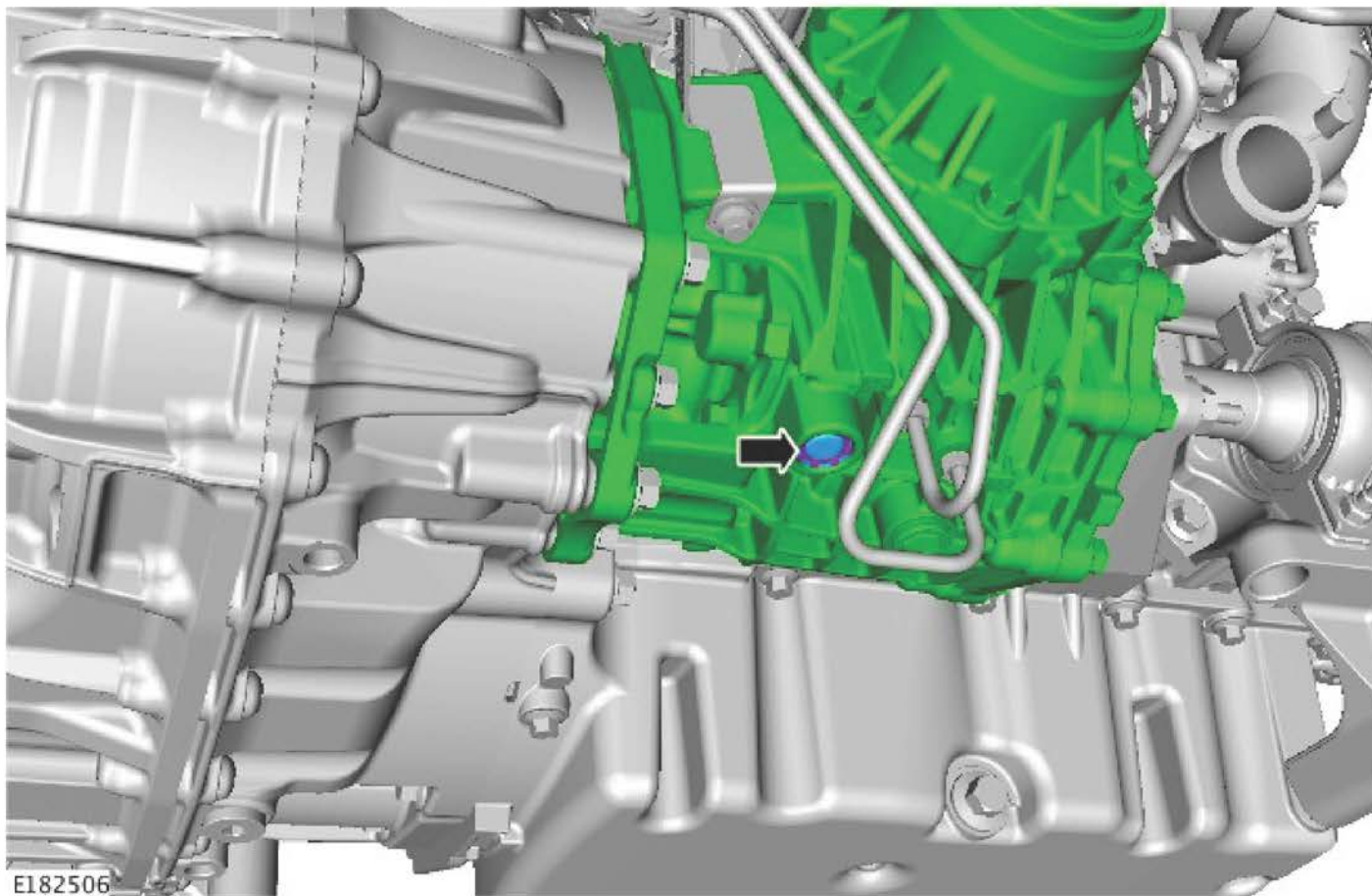
SERVICE INFORMATION:

NOTE: some components shown removed for clarity.

NOTE: some variation in the illustrations may occur, but the essential information is always correct.

1 When carrying out routine maintenance a technician may find oil weeping from the Active Driveline Power Transfer Unit (PTU). If the oil weep is found to be leaking from the PTU detent cap it can now be installed as a lower level component.

- If the PTU detent cap is found to be weeping follow the Service Instruction below.



SERVICE INSTRUCTION:

NOTE: some components shown removed for clarity.

NOTE: some variation in the illustrations may occur, but the essential information is always

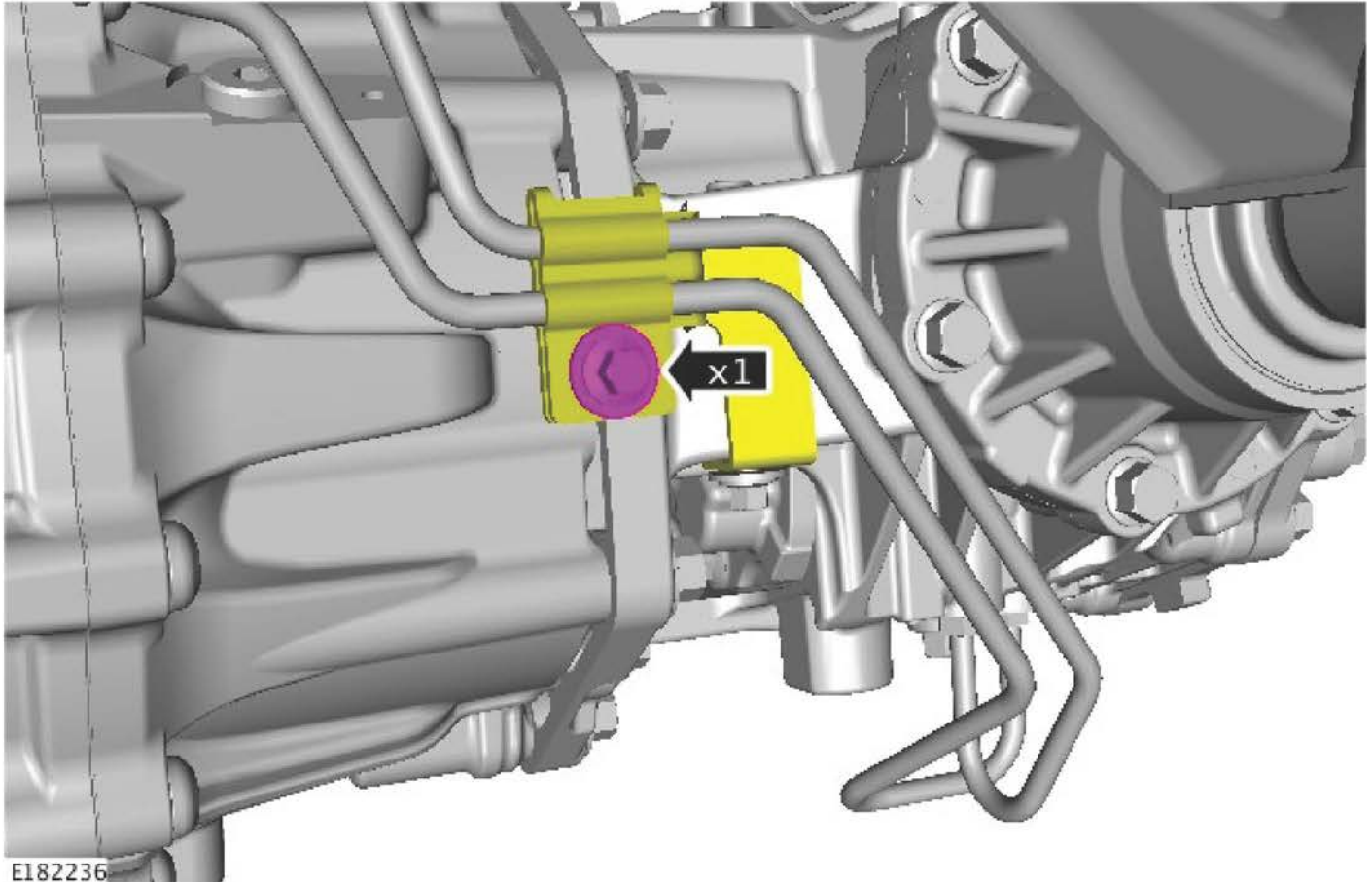
correct.

1  **WARNING: make sure to support the vehicle with axle stands.**

Raise and support the vehicle

2 Remove the Engine Undershield (see TOPIx Workshop Manual, section 501-02).

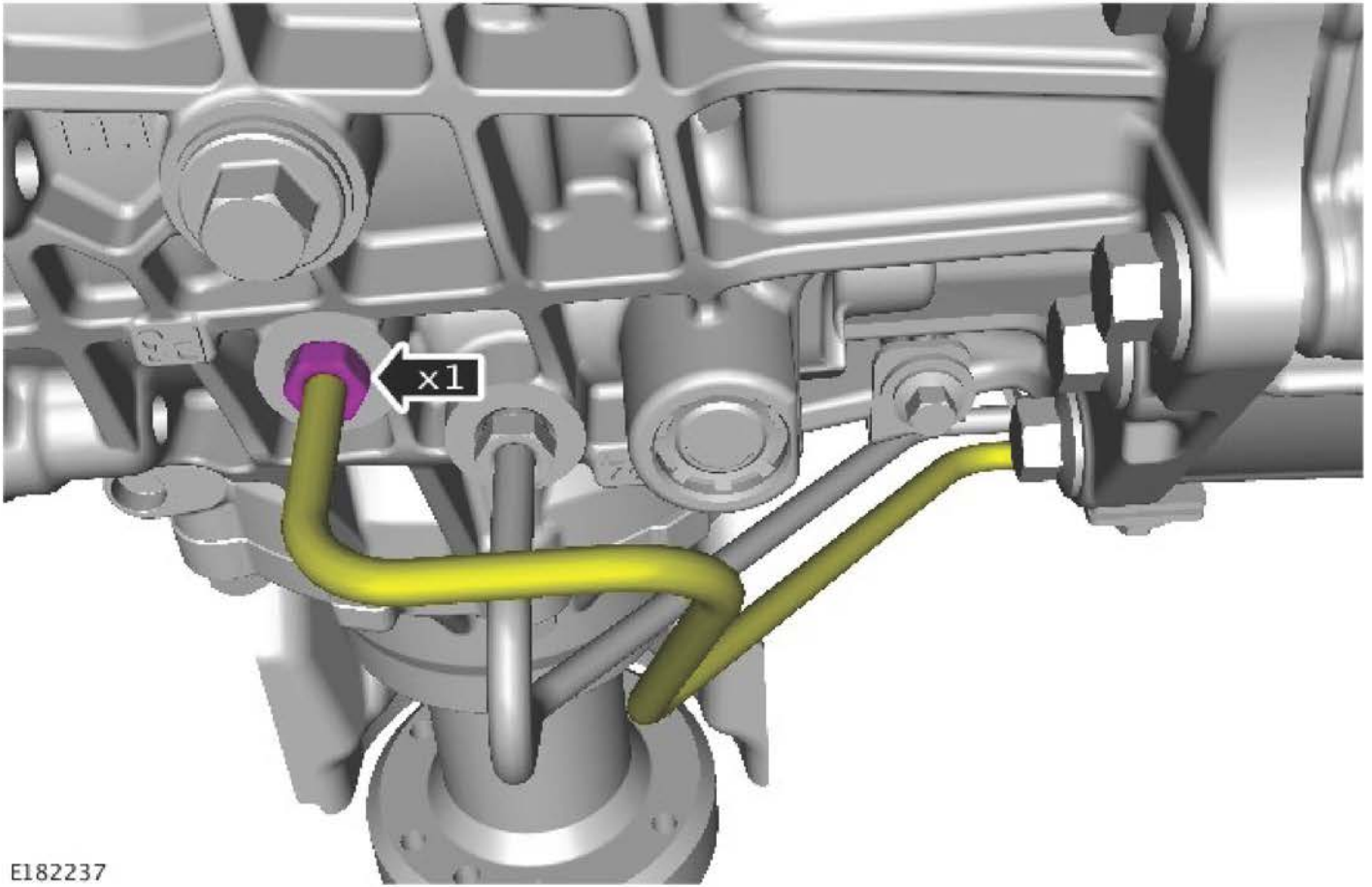
3 Remove the fluid pipe clamp retaining bolt.



4  **WARNING: be prepared to collect escaping fluid.**

 **CAUTION: make sure that all openings are sealed. Use new blanking caps.**

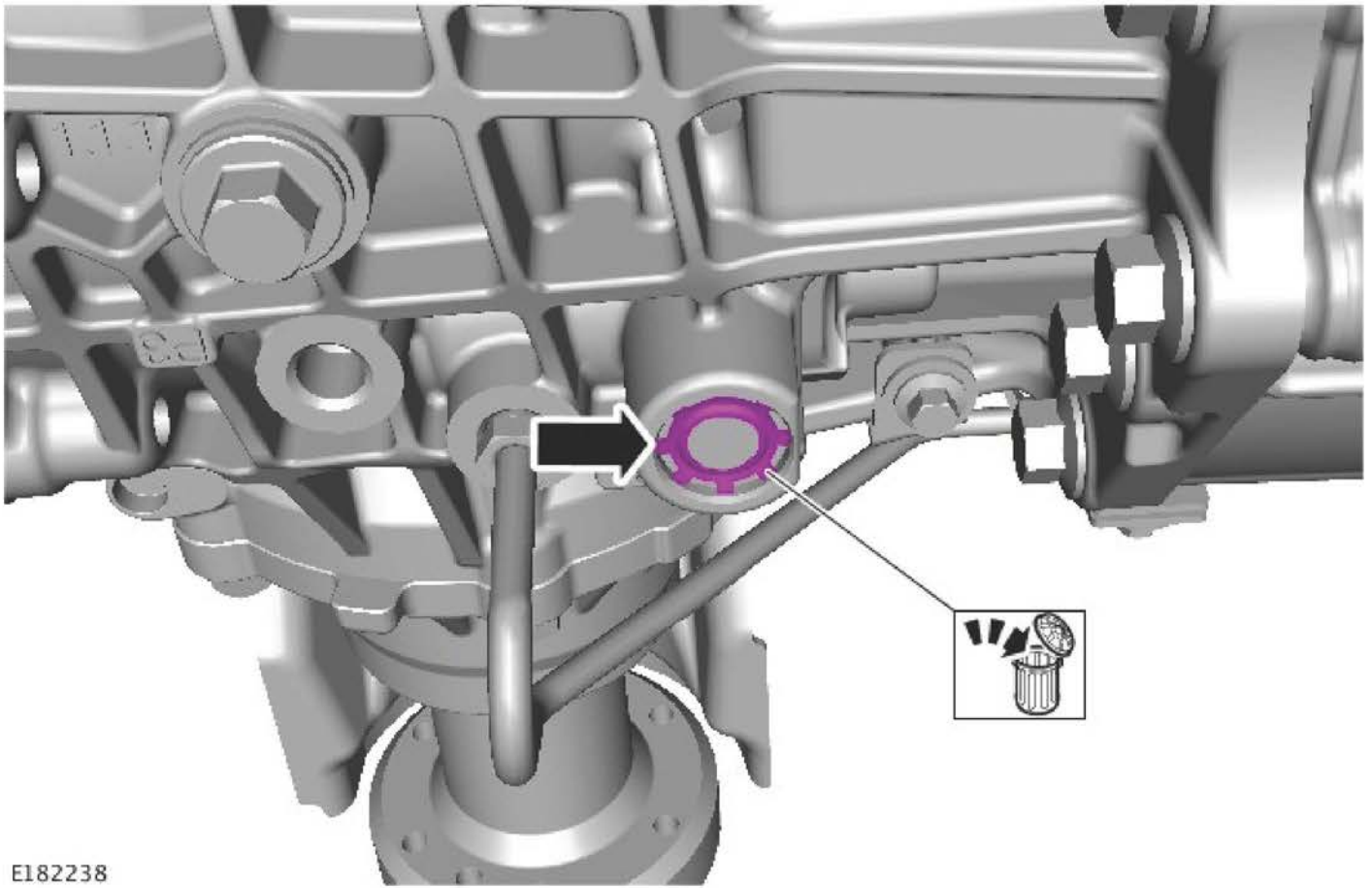
Remove the fluid pipe retaining union and position the fluid pipe to one side.



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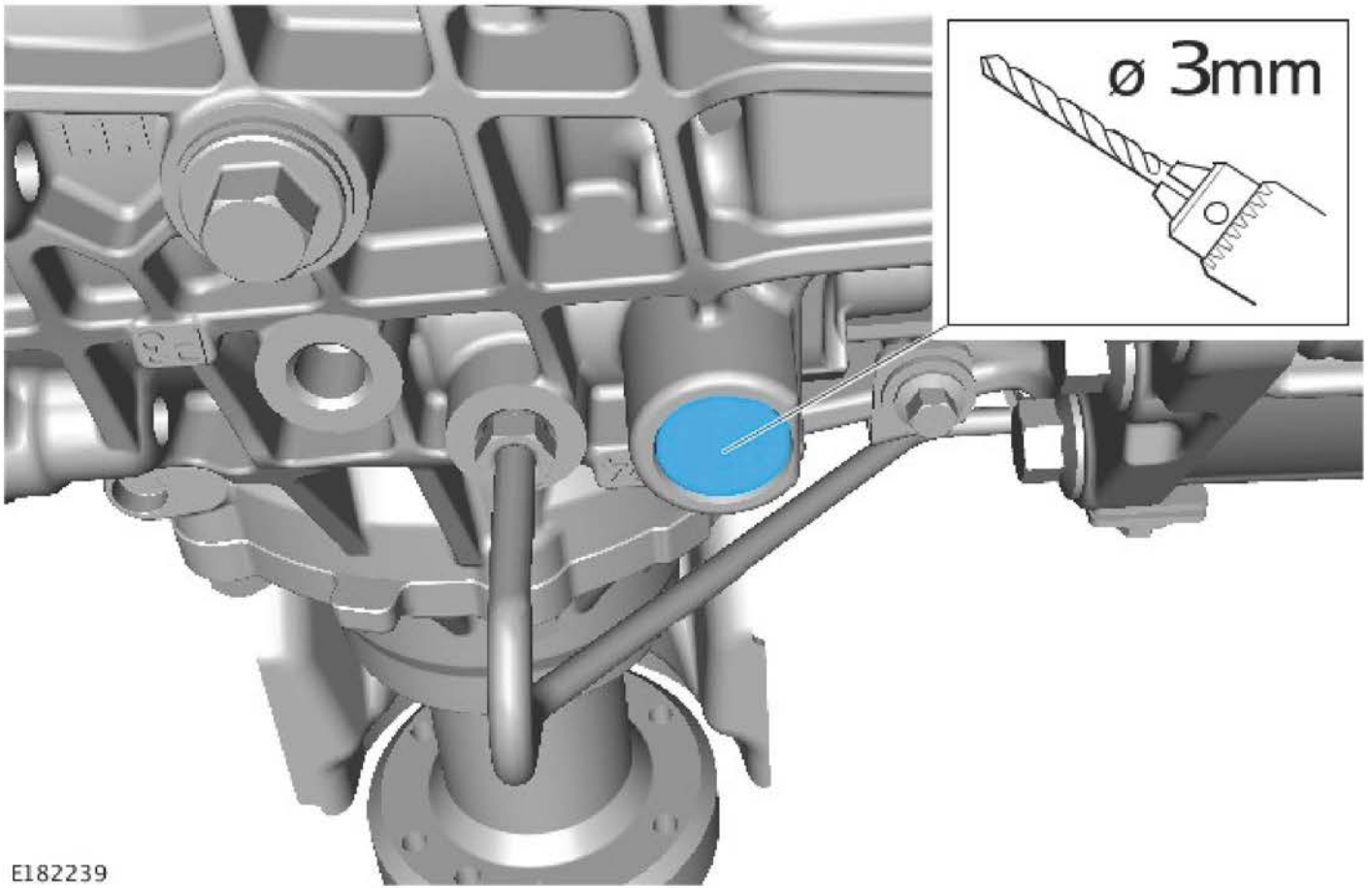
5  **NOTE: when the new detent cap is installed, the retaining ring is not required.**

Using a suitable tool, remove and discard the retaining clip.



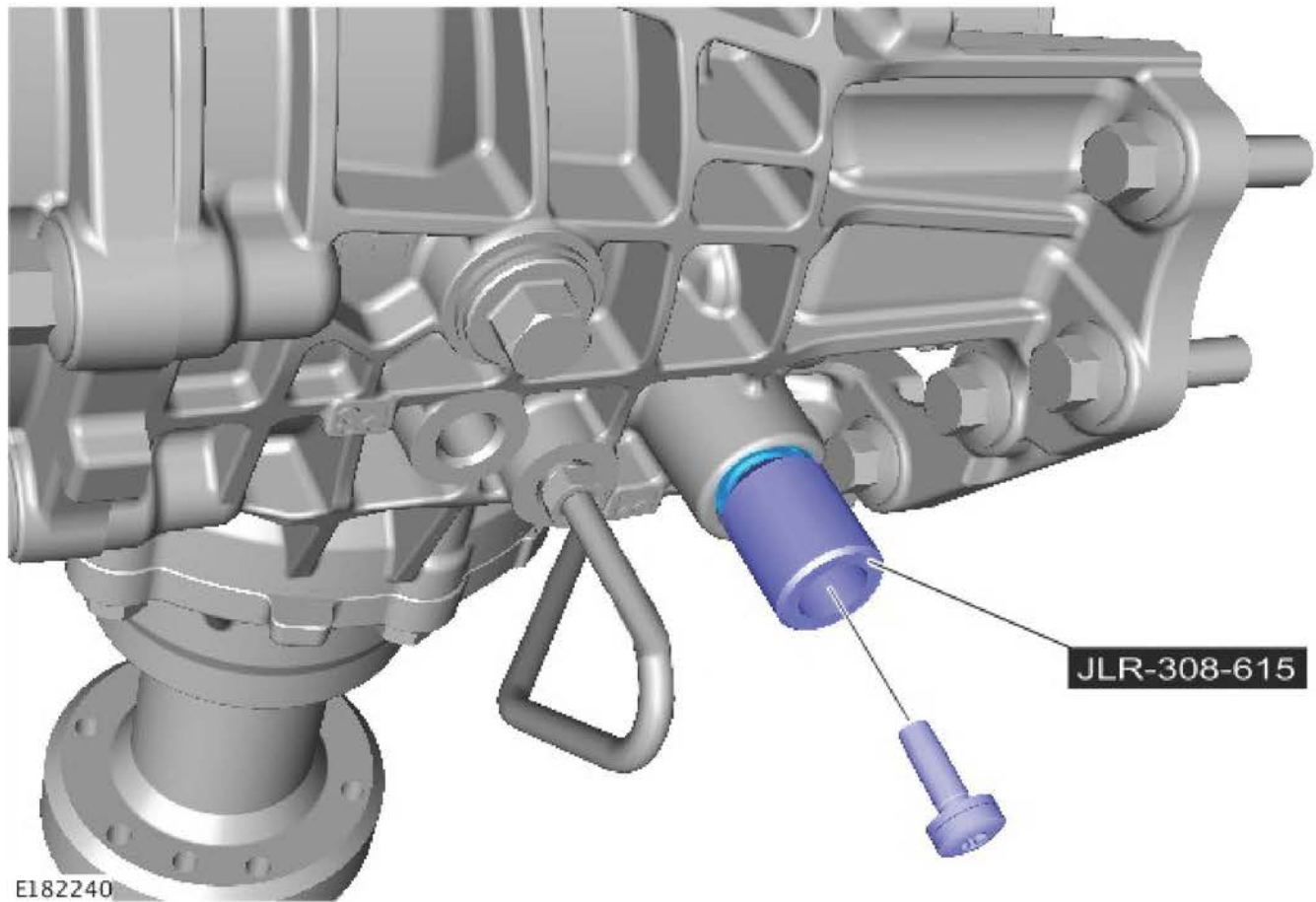
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6Drill a 3mm hole in the centre of the PTU detent cap.

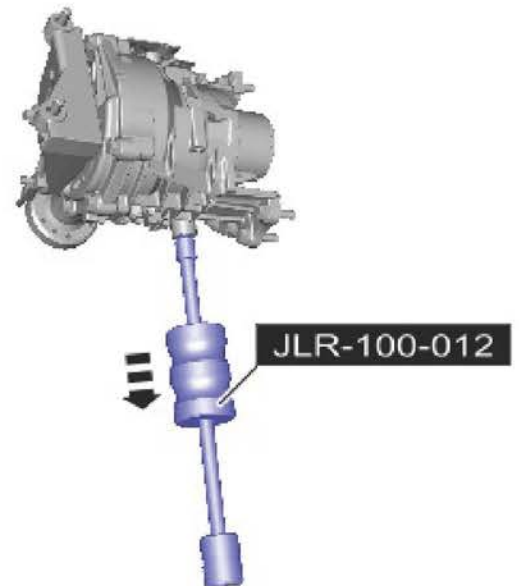


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7Install special tool JLR-308-615 using a suitable retaining screw.



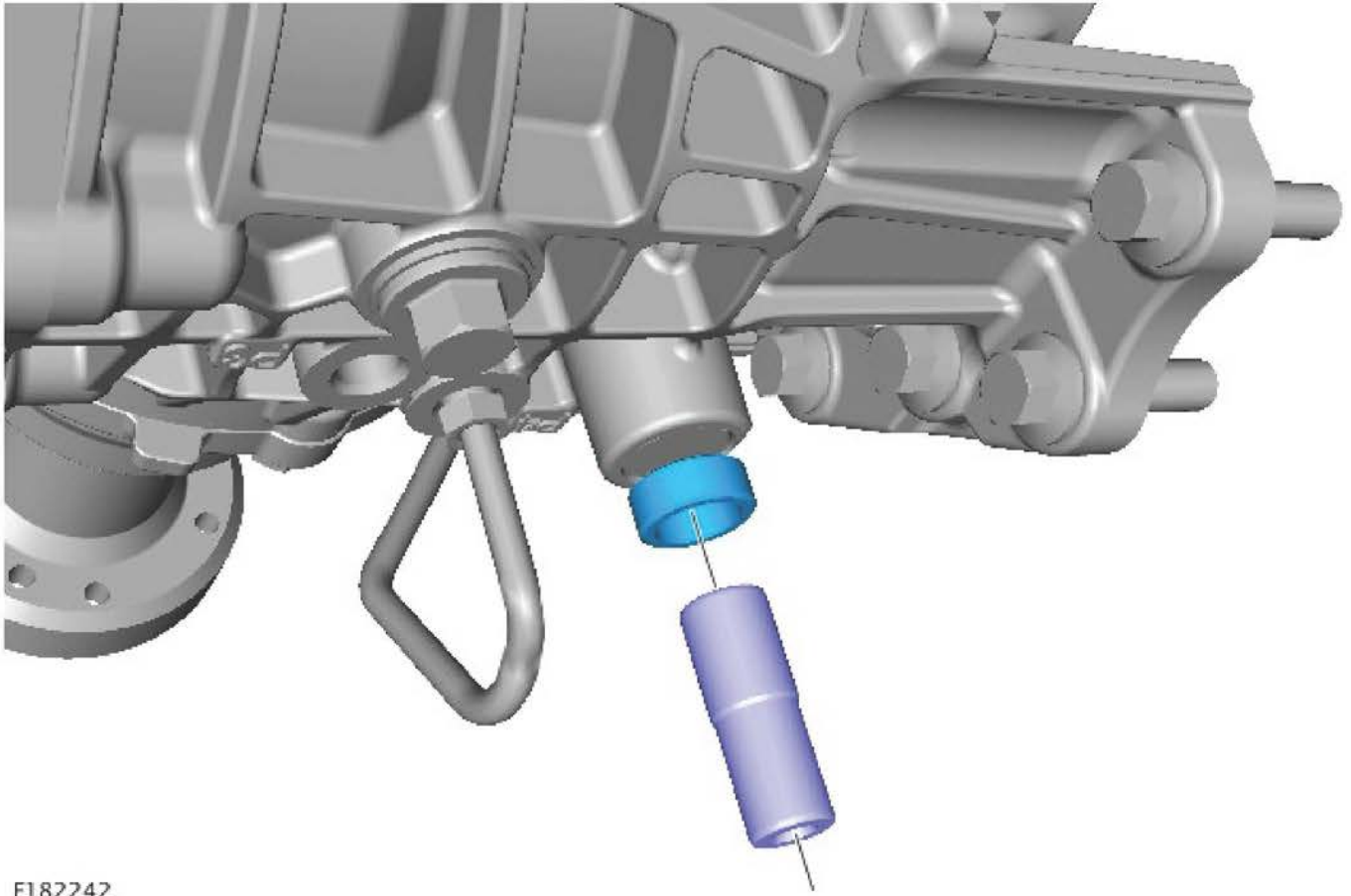
8 Install special tool JLR-100-012 to JLR-308-615, remove and discard the PTU detent cap.



9 **CAUTION:** use an installation tool with an outside diameter of 17 mm.

CAUTION: make sure that the area around the component is clean and free of foreign material.

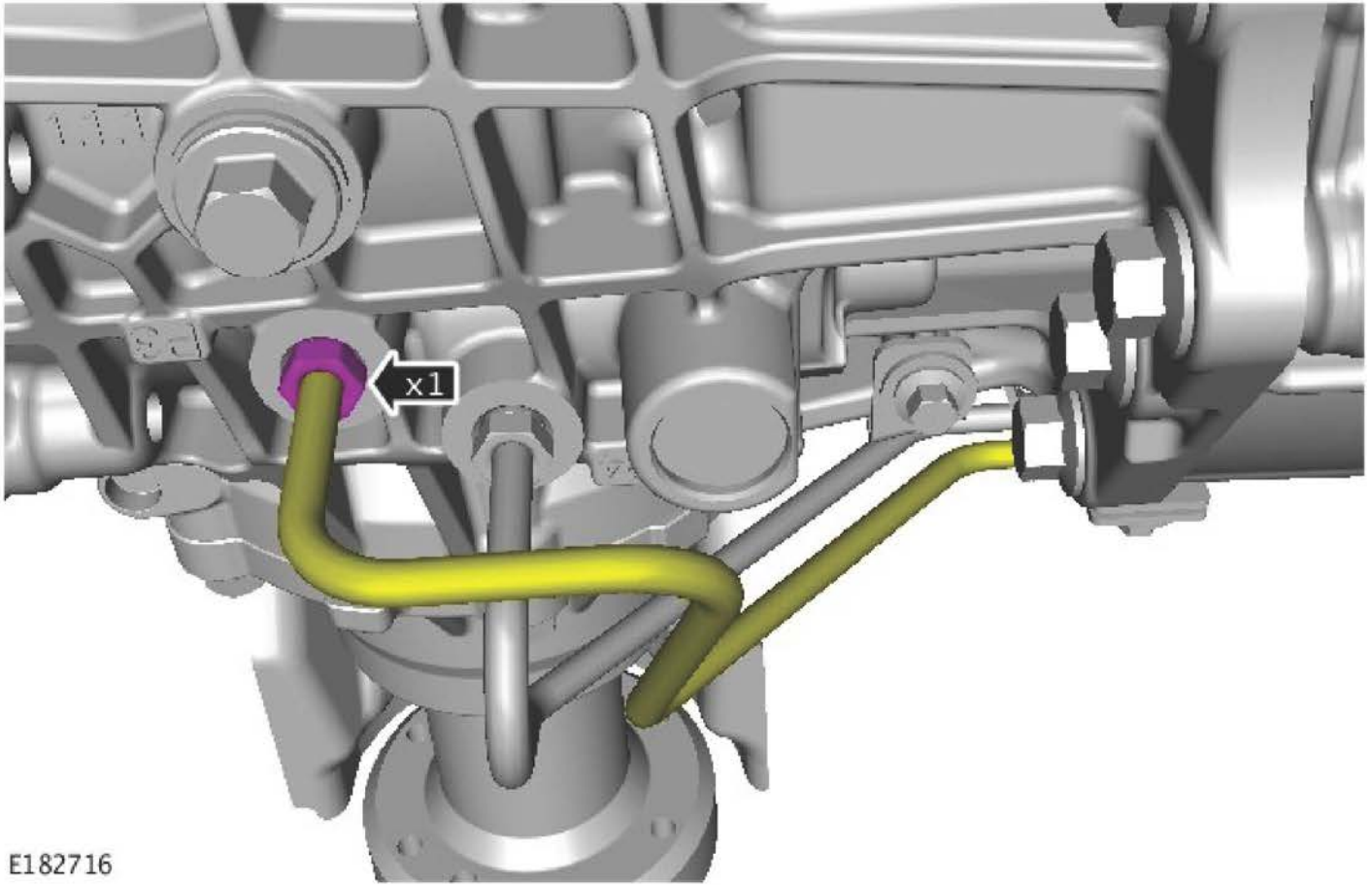
Using a suitable tool, install the PTU detent cap.



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10 Install the fluid pipe retaining union.

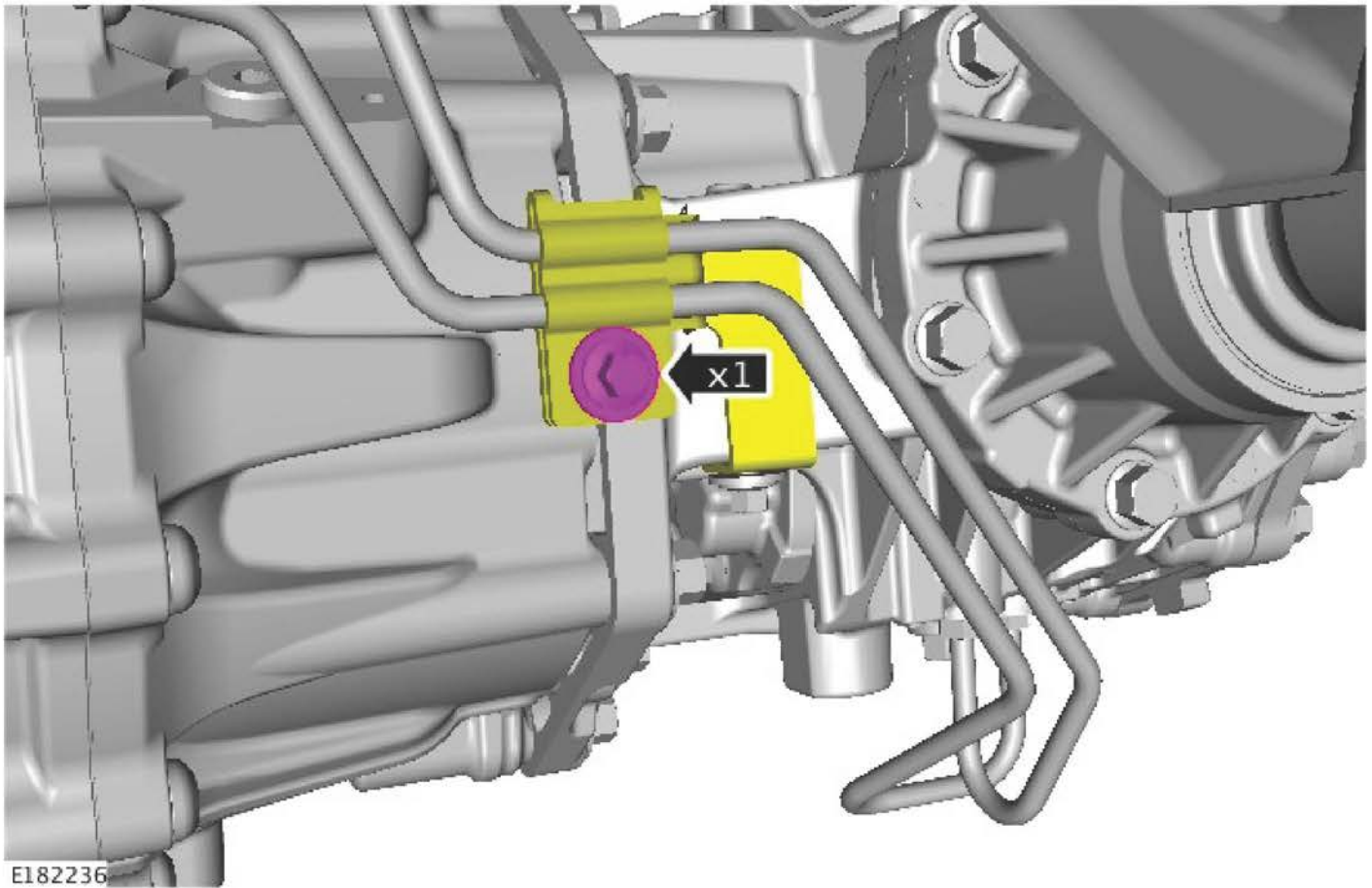
- Torque: 16 Nm



E182716

11 Install the fluid pipe clamp retaining bolt.

- Torque: 10 Nm



- 12** Check and top up the Active Driveline PTU oil level (see TOPIx Workshop Manual, section 308-07: Transfer Case - Vehicles With: M66 6-Speed Manual Transmission AWD/9HP48 9-Speed Automatic Transmission - AWD).
- 13** Bleed the Active Driveline Hydraulic System (see TOPIx Workshop Manual, section 205-02: Hydraulic System Filling and Bleeding).
- 14** Install the Engine Undershield (see TOPIx Workshop Manual, section 501-02).