

# Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Land Rover technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

## **SSM 74970 - L551 / L550 20MY AWD – Power Transfer Unit (PTU) Oil Smell Inside Cabin**

**Models :** Discovery Sport / L550  
New Range Rover Evoque / L551

**Engineer :**Tristan Hooper

**Date Last** 04 NOV 2020 13:08:40

**Updated :**

**Content :**Issue:

JLR is investigating customers reporting a strong oil smell or a foul odour inside the cabin, mentioning that it seems to be coming from in the engine region. Some customers also notice an oil leak under the vehicle that is identified to be coming from the Power Transfer Unit (PTU).

Cause:

Software Calibration

Action:

- Inspect Power Transfer Unit (PTU) for oil leaks, if leak confirmed please raise a FRED for PTU replacement
- If no leaks are evident on the Power Transfer Unit (PTU), please take a sample of the oil. If the oil is contaminated or smells burnt please raise a FRED for PTU replacement
- Once the PTU has been replaced, please follow the instructions below updating the "All Wheel Drive Control Module" (AWDCM) software

**This procedure requires a minimum of Pathfinder 301 loaded or later.**

1. Connect the JLR approved battery support unit.
2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
3. Follow the JLR approved diagnostic equipment prompts.
4. Select 'ECU Diagnostics'.
5. Select "All Wheel Drive Control Module" (AWDCM)
6. Select 'Update ECU'.
7. Follow all on-screen instructions to complete the task.
8. When all of the tasks are complete, exit the session.
9. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

There is currently a TOPIx update in progress for this concern, once this is live this SSM will be removed

Thank you in advance for your assistance with this matter.

**Version :** 2

