

# 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 75681 - Transfer Case Judder with Steering Input Applied

**Models :** Range Rover Velar /  
L560

**Engineer** Hooper Tristan

**Name :**

**Last Modified** 15 FEB 2022 16:41:15

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**Category :** Driveline

**Symptom :** 508000 Transfer Case Concerns

**Content :** Issue:

JLR is investigating customers reporting Transfer Case Judder/Vibrations when a right or left steering input is applied at low speed.

Cause:

Transfer case locking torque with steering applied at low speed causing driveline wind-up which may lead to judder at low speed.

Action:

Update the Anti-lock Brake System (ABS) module software.

This procedure requires a minimum of Pathfinder build 366 loaded or later.

- Connect the JLR approved battery support unit.
- Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
- Follow the JLR approved diagnostic equipment prompts.
- Select 'ECU Diagnostics'.
- Select 'Anti-lock Brake System (ABS)'
- Select 'Update ECU'.
- Follow all on-screen instructions to complete the task.
- When all of the tasks are complete, exit the session.
- Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

Thank you for your assistance with this matter.

Jaguar Land Rover Limited 2000 - 2021 (Rel. 2696)