

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 75704 - Power Steering Assistance Reduced Message Displayed

Models : Defender/L663

Discovery / L462

Engineer Littler Mike

Name :

Last Modified 07 MAR 2022 12:18:05

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Category : Chassis

Symptom : 303000 Steering/Handling

Content : Issue:

The amber general warning indicator is illuminated and a warning message 'Power steering assistance reduced' is displayed in the instrument pack cluster (IPC) message centre after a 'cold' engine start.

On reading the Diagnostic Trouble Codes (DTCs) using the Jaguar Land Rover approved diagnostic tool, the following DTCs maybe stored in the Power Steering Control Module (PSCM).

B1304-04 – Electronic Power Assisted Steering System – System internal failures and/or

B1304-17 - Electronic Power Assisted Steering System – Circuit voltage above threshold

Affected vehicles -

Defender – 20MY onwards

Discovery – 21MY onwards

Cause:

Software error.

Action:

Update the Power Steering Control Module software using the diagnostic information below –

CAUTION: This procedure requires a minimum of Pathfinder 367 loaded or later.

NOTE: The Jaguar Land Rover (JLR) approved diagnostic

equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation mode' if required.

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 'Power Steering Control Module [PSCM]'.
6. Select 'Update ECU'.
7. Follow all on-screen instructions to complete the task.
8. If required, reset the vehicle to 'Transportation mode'.
9. When all the tasks are complete, exit the session.
10. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

SRO number – 85.57.02 - Power Steering Control Module
- Update ECU – 0.2

NOTE: If the DTC(s) remain/return post the software download please refer to the Diagnostic Trouble Code Index on TOPIx for further guidance. 1: General Information > 100: Service Information > 100-00: General Information > Description and Operation > Diagnostic Trouble Code Index: Power Steering Control Module (PSCM)

Jaguar Land Rover appreciate your assistance in regard to this concern.