

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 75003 - L663 Steering gear Warning light on Instrument Cluster

Models : Defender/L663 (SALEA7BUXL2000584)

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Date Last : 13 NOV 2020 09:15:47

Updated :

Content : Issue:

Warning light (as per attached picture) raised during or just after wading with both of the following DTC codes stored in the PSCM (Power Steering Control Module):

B1304-04 Electronic Power Assisted Steering System - System Internal Failures

B1304-98 Electronic Power Assisted Steering System - component or system over temperature

U3000-47 Control Module - Watchdog / safety microC failure

There is NO appreciable reduction in assistance.

Cause:

Software error within the PSCM (Power Steering Control Module) that is most likely to occur after wading.

Action:

This Manual Patch will stay on the JLR Approved Diagnostic Equipment.

NOTE: When an update has been applied to the JLR Approved Diagnostic Equipment, this Manual Patch will need to be re-applied until the permanent corrective action is delivered.

NOTE: If **MP_PF_ER_J0037** is not displayed in the PATHFINDER header screen, complete the actions detailed below.

To apply the Manual Patch please, complete the instructions carefully.

- 1) Restart the JLR Approved Diagnostic Equipment.
- 2) Make sure Symptom Driven Diagnostics (SDD) and PATHFINDER are closed. Then select the 'Manual Patch' Icon on the Application Launcher screen. You will see a pop-up for the Manual Patch downloader.
- 3) Enter '**MP_PF_ER_J0037**' in the 'Patch Name' field.
- 4) Select 'Start' and the Manual Patch will download.
- 5) Select 'Yes' when the patch download is finished.
- 6) Start a new PATHFINDER session.
- 7) Select ECU Diagnostics.
- 8) Select Power Steering Control Module (PSCM).
- 9) Select Update ECU.

NOTE: With this manual patch installed and after updating the PSCM software, the PSCM Assembly part number shown on PATHFINDER (Software parts) may be displayed as not up to date, this is correct and is due to the strategy of the manual patch, as long as the software is shown as up to date there is no requirement to select Update ECU again.

Version : 2

Attachments : [EPAS warning IC.JPG](#)

Jaguar Land Rover Limited 2000 - 2020 (Rel. 2684)