

Reference	SSM75704
Models	Defender / L663 Discovery / L462
Title	Power Steering Assistance Reduced Message Displayed
Category	Chassis
Last modified	30-Apr-2022 00:00:00
Symptom	303000 Steering/Handling
Content	<p>Issue:</p> <p>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.</p> <p>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).</p> <p>B1304-04 – Electronic Power Assisted Steering System – System internal failures and/or B1304-17 - Electronic Power Assisted Steering System – Circuit voltage above threshold</p> <p>Affected vehicles - Defender – 20MY onwards Discovery – 21MY onwards</p> <p><u>NOTE: Use of Pathfinder has been decommissioned on Defender and with TOPIx Cloud Diagnostics not currently supporting a PSCM update an escalated TA must be raised for any Defender vehicle requiring a PSCM update prior to carrying out the action below.</u></p> <p>Cause:</p> <p>Software error.</p>

Action:

Update the Power Steering Control Module software following the diagnostic information provided –

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.

anBhdHRcnM7MjAyMj0wNS0wNFQzMzowMTowMC44MTNaOzEzNi4yYjYyYzliODQ7