

Reference	SSM75521
Models	Range Rover Velar / L560
Title	Reduced or a lack of Power Assistance at start up
Category	Diagnostic Software Hardware
Last modified	06-Sep-2021 00:00:00
Symptom	000101 Diagnostic Concerns
Content	<u>This only applies to 21MY Vehicles</u>

ISSUE:

Customers may experience a reduced or lack of power assistance at start up, for up to 30 seconds before the power assistance returns. A reduced power assistance warning message is displayed.

CAUSE:

The Power Steering Control Module (PSCM) software robustness on start-up can result in the module going into an error state for a period of time before a self-heal strategy is initiated, the control module will then automatically reset, resulting in recovered assistance.

ACTION:

This workaround will load a software file to the Jaguar Land Rover Approved Diagnostic Equipment using the Manual Patch Update process.

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_J0064 is NOT displayed in the PATHFINDER header screen, complete the actions detailed below from step 1.
- If MP_PF_ER_J0064 IS displayed in the PATHFINDER header screen, complete the actions detailed below from step 5.

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

- 1) Select the 'Manual Patch' Icon on the Application Launcher screen. You will see a pop-up for the Manual Patch downloader.
- 2) Enter 'MP_PF_ER_J0064' in the 'Patch Name' field.
- 3) Select 'Start' and the Manual Patch will download.
- 4) Select 'Yes' when the patch download is finished.
- 5) Start a new PATHFINDER session.
- 6) Select ECU Diagnostics.
- 7) Select Power Steering Control Module (PSCM).
- 8) Select Update ECU.

NOTE: With this manual patch installed and after updating the PSCM software, the PSCM Assembly part number 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 shown is up to date, there is no requirement to select Update ECU again.

PERMANENT CORRECTIVE ACTION:

Once the permanent corrective action has been released, this communication and Manual Patch will be expired. An updated communication will be released detailing which JLR Approved Diagnostic Equipment version includes the permanent corrective action.

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