

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 74799 - L405 L494 L462 MIL on whilst driving - P0496-00

Models : Discovery / L462
Range Rover / L405
Range Rover Sport / L494

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Updated :

Content : Affected Carlines – **L405, L494, L462**
Engine Variant – **AJ126**
Affected MY- **20MY**

Issue: MIL on when vehicle in driving. DTC P0496-00 indicated EVAP (Evaporative Emission Canister purge) purification flow is too high.

Cause: MIL On due to system diagnosing excessive pressure drop between fuel tank and purge valve. Monitor designed to diagnose a stuck open purge valve or leak between fuel tank and purge valve.

ACTION

To fix this issue, a PCM calibration update is required and the instructions can be completed as below

Complete the instructions detailed below:

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

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

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_J0023' 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 session.
7. Select ECU Diagnostics.
8. Select Powertrain Control Module (PCM).
9. Select Update ECU.

NOTE: With this manual patch installed and after updating the PCM software, the PCM Assembly part numbers shown on PATHFINDER (Software parts) may display the Assembly part number as not up to date and the ECU Calibration Data #1 Number as up to date, this is correct, do not select Update ECU again.

Version : 1