

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 75491 - Range Rover L405,L494 21MY AJ133 PCM Issue

Models : Range Rover / L405

Range Rover Sport /
L494

Engineer Skingle Paul

Name :

Last 29 JUL 2021 13:21:42

Modified :

Category : Engine

Symptom : 499000 Basic Engine

Content : Issue:

Customer may report engine fan running at full duty following a PCM update.

Cause:

Powertrain control module software error.

Actions:

Manual patch instructions as below.

Note:

- If **MP_PF_ER_J0061** is NOT displayed in the PATHFINDER header screen, complete the actions detailed below from **step 1**.
- If **MP_PF_ER_J0061** is displayed in the PATHFINDER header screen, complete the actions detailed below from **step 8**.

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

1. Update Pathfinder to the latest level SW ,Select 'Manual Patch' Icon on the Application Launcher screen. Make sure that both Symptom Driven Diagnostics (SDD) and PATHFINDER are closed before opening the Manual Patch downloader.
2. A pop-up will be displayed for Manual Patch downloader

4. Select 'Start'.
5. The Manual Patch downloader will then download the manual patch.
6. When the patch download has completed, a message will be displayed, asking the user to confirm that the application can run the manual patch. Select 'Yes'.
7. When complete, the following message will be displayed: 'Successfully downloaded and started manual patch. Please make sure that the patch has been installed successfully.' NOTE: This message will end after 10 seconds.
8. Start a new diagnostic session.
9. Select ECU Diagnostics.
10. Select Powertrain control module (PCM)
11. Select Update ECU

NOTE: With this manual patch installed and after updating the PCM software, the PCM Assembly part number on PATHFINDER (Software parts) will 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.