

Reference	SSM73038
Models	Range Rover / L405 Range Rover Sport / L494
Title	DTC P2BA9-00/P2BA9-92 Incorrect Diesel Exhaust Fluid Quality Detected NAS
Category	Diagnostic Software Hardware
Last modified	02-Nov-2016 00:00:00
Symptom	000102 WDS Patch / Update

Content**Issue:**

A Customer may express a concern that the Malfunction Indicator Lamp (MIL) is illuminated with 'No Engine Restarts in XXX miles. 'Incorrect Diesel Exhaust Fluid Quality Detected' warning message displayed within the Instrument Cluster (IC) and Diagnostic Trouble Code (DTC) P2BA9-00 and/or P2BA9-92 stored in the Powertrain Control Module (PCM) which may be accompanied by DTCs P2BAE and P2BAF.

Cause:

Software update required

Action:

This workaround will load a software file to SDD using the Manual Patch Update process.

To install this Manual Patch complete the instruction listed below:

WARNING; DO NOT Restart the PC until the manual patch has been used as the manual patch is removed on restart of the PC.

1. Restart the SDD machine
2. Login to SDD.
3. Select 'Continue' on the SDD Warning screen.
4. Select 'Settings' tab.
5. Select 'System Utilities'.
6. Select 'Manual Patch Update'.
7. A pop-up will be displayed for Manual patch selection dialog box.
8. Enter 'MP_JLR_L0042' in the Manual patch selection dialog box.
9. Select 'OK'.
10. The 'Software Management Wizard' will then download the fix file.
11. The Manual patch update information pop up will ask 'Do you want to install the update now?' Select 'OK'.
12. Select 'OK' when the message 'Please shut down SDD before continuing' is displayed. DO NOT SHUT DOWN THE PC.

13. 'Please wait' message is displayed.
14. Select 'OK' in the Manual patch update information pop up.
15. Close the Internet Explorer Window where the SDD program runs.
16. Start a new SDD session.
17. Program the Powertrain Control Module (PCM).
18. Under the powertrain section run the 'Reset selective catalyst reduction quality monitor' routine which will reset the DEF quality values. **NOTE - If a prior DTC clear was carried out after the PCM was programed (in step 17), the message "Incorrect Diesel Exhaust Fluid Quality Detected" might default to "Diesel Exhaust Fluid Dosing System Malfunction" and DTC P2BA9-00/92 cleared.**
19. Once the reset selective catalyst reduction quality monitor has been successfully executed the warning message in the instrument cluster will extinguish. The remaining DTCs (P2BAE/P2BAF) can now be cleared from the PCM.
20. Close the SDD session.

SRO 12.90.13 - engine management tune download.

SRO 17.90.10 - reset selective catalyst reduction quality monitor

SRO 12.90.16.01 - read and clear DTCs

If this Manual patch fails to correct the concern then a Technical Assistance should be escalated.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.