

Reference	SSM72493
Models	Range Rover / L405 Range Rover Sport / L494
Title	16MY Td6 - P208B-00 Is Observed In PCM With One Of The Following: P2BAE-XX; P2BAF-XX
Category	Engine
Last modified	04-Nov-2015 00:00:00
Symptom	403000 Exhaust System Concerns

Content**Issue:**

JLR have received a small number of reports relating to the following combination of symptoms:

- CEL is illuminated and "No engine restarts possible in XXX (typically ~500) miles. Diesel Exhaust Fluid Dosing System Malfunction" message on IPK.
- **AND** one, or more of the following DEF inducement P-codes are stored in the PCM: P2BAE-00; P2BAE-02; P2BAF-00; P2BAF-02; P2BAF-04.
- **AND** P20B-00 is stored in the PCM.

NOTE: **IF** other codes are stored in the PCM, investigate and repair those before following the advice of this SSM.

Cause:

The root cause of this issue is under investigation and has yet to be confirmed.

Action:

1. Visually inspect the DEF tank, supply line and dosing module for any leaks, damage or loose electrical connectors, repair any faults identified. Proceed to step 2 once faults have been repaired or if no fault is found.
2. Run SDD Service Function "Powertrain - Diesel exhaust fluid prime and pressure test".
3. Clear fault codes from the PCM and drive a DEF diagnostic drive cycle:
 - a. Idle the engine for 10 minutes.
 - b. Drive the vehicle for 20 minutes, with a target vehicle speed between 30 and 50mph.
4. Once the drive cycle is complete, check with SDD to ensure no DEF related codes have returned in the PCM:
 - a. If no DEF related codes returned, the repair was successful, report the actions taken on an EPQR.
 - b. If DEF related codes did return, raise a TA to seek further assistance as required.