

<b>Reference</b>	SSM72509
<b>Models</b>	Discovery Sport / L550 LR4 / L319 Range Rover / L405 Range Rover Evoque / L538 Range Rover Sport / L494
<b>Title</b>	DTC P208B-00 – DEF/SCR Pump `A` Control Performance/Stuck Off
<b>Category</b>	Engine
<b>Last modified</b>	05-Nov-2015 00:00:00
<b>Symptom</b>	403000 Exhaust System Concerns

**Content****Issue:**

Customers may report the engine management light (MIL) is illuminated with the possibility of a **‘No engine restarts in xxx miles, diesel exhaust fluid dosing malfunction’** warning message displayed within the instrument cluster message center and DTC's **P208B-00/P2BAE-00/P2BAF-00 stored in the PCM (Powertrain Control Module)**

**Cause:**

Air in the system.

**Action:**

Issue is most likely to occur during the first 1000miles/1600km but is entirely dependent on drive style and road conditions, so there is a possibility for higher mileage vehicles to experience the concern, particularly where the “No engine restarts in xxx miles/km, diesel exhaust fluid dosing malfunction” message is only present for one driving cycle.

Please complete the following routine, this will prime, purge and pressure test the DEF/SCR system:

1. Start SDD session and enter service functions (**DVD143 Patch 3 onwards**)
2. Under the powertrain section run the **‘Diesel exhaust fluid prime and pressure test routine’** and the **‘Reset selective catalyst reduction quality monitor’**
3. Once completed successfully, clear the DTC's.

**NOTE:** Upon DTC clear, the warning changes to **“No engine restarts in xxx miles, diesel exhaust fluid dosing malfunction”** also make sure the engine MIL is off (when engine is running).

4. Complete the following drive cycle making sure the DEF/SCR system monitor

conditions are met:

- Drive the vehicle at 'urban' speeds (<50mph) and light engine load
- Drive for at least 15 minutes to ensure the exhaust reaches minimum temperature (100degC or 212degF) to trigger DEF/SCR pressure build up. Make sure the exhaust temperature remains under **300degC** or **572degF (use data logger if required)**
- The 'inducement' warning clears automatically once the monitoring has executed. This terminates the driving cycle.

NOTE: If the engine MIL shows during the driving cycle, the malfunction has re-occurred which will require further diagnosis on the DEF/SCR system, refer to **TOPIx section 309: Exhaust System - Description and Operation Diagnosis and Testing – Exhaust System DTC: Selective Catalytic Reduction (SCR)**

5. Clear Faults/PCodes after the driving cycle, this clears up the DTC's P2BAE-00/P2BAF-00