



# SERVICE ACTION N049: V8 5.0L S/C PETROL MISFIRE DIAGNOSTIC TROUBLE CODE (DTC) INCORRECTLY MAPPED

## SERVICE BULLETIN

06-JUN-17

NO.: SGI17-27

SEC.: GENERAL  
INFORMATION

MKT.: CAN / USA

### DESCRIPTION OF ISSUE

A potential issue has been identified on a limited number of Land Rover vehicles within the listed Affected Vehicle Range which may have been manufactured away from process and, in some cases, have incorrectly mapped Diagnostic Trouble Codes (DTC) applied to the V8 5.0L S/C Petrol engine variant. Investigations have identified that the V6 3.0L S/C Petrol engine DTC mapping was incorrectly applied to the V8 5.0L S/C Petrol engine variant, which has led to incorrect cylinder identification in a misfire condition. In these instances, the engine Malfunction Indicator Lamp (MIL) would operate as normal but it would be difficult to diagnose the cylinder that is misfiring as all the misfire DTCs are incorrect, except for cylinders 7 and 8 which are not affected.

### AFFECTED VEHICLE RANGE

Range Rover Sport (L494; V8 5.0L S/C Petrol)

Model Year: ..... 2017

VIN: ..... 111165-137841

Range Rover (L405; V8 5.0L S/C Petrol)

Model Year: ..... 2017

VIN: ..... 302562-333476

Visit the InfoTrail website for a list of affected unsold vehicles (as of 06 June 2017).

### ACTION TO BE TAKEN

Check DDW to ensure that the vehicle is affected by this program prior to undertaking any rework action.

Retailers are required to HOLD affected new vehicles that are within your control and refrain from releasing the vehicles for new vehicle sale pending completion of the rework action. Affected vehicles already in the hands of customers should be updated at the next available opportunity.

Refer to Technical Bulletin N049NAS, *Service Action: V8 5.0L S/C Petrol Misfire Diagnostic Trouble Code (DTC) Incorrectly Mapped*, for detailed repair instructions.

### PARTS

No parts required.

### TOOLS

Refer to Technical Bulletin noted above for any required tools.

### WARRANTY

**NOTE: check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.**

At the time of confirming a booking for vehicle repair, ensure that **all** outstanding Recall and Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting the Program Code together with the relevant Option Code. The SRO and parts information is included for information only. The Option Code(s) that allows for the drive in/drive out allowance can only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

Repair procedures are under constant review and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **31 May 2019** closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS / SUNDRY CODE	QTY. / VALUE
<b>N049</b>	<b>B</b>	Powertrain Control Module (PCM) - Software Update	18.90.90	0.20	-	-
<b>N049</b>	<b>C</b>	Powertrain Control Module (PCM) - Software Update	18.90.90	0.20	-	-
		Drive in/drive out	02.02.02	0.20	-	-
<b>N049</b>	<b>D</b>	Powertrain Control Module (PCM) - Software Update	18.90.90	0.20	-	-
		Pathfinder - Transit Mode - Engage	88.90.60	0.10	-	-
<b>N049</b>	<b>E</b>	Powertrain Control Module (PCM) - Software Update	18.90.90	0.20	-	-
		Pathfinder - Transit Mode - Engage	88.90.60	0.10	-	-
		Drive in/drive out	02.02.02	0.20	-	-

*Normal Warranty policies and procedures apply.*