

LTB01057NAS1

TECHNICAL BULLETIN

01 MAY 2017



© Jaguar Land Rover North America, LLC

NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

INFORMATION

SECTION:

303-14B: Electronic Engine Controls - V6 S/C 3.0L Petrol

SUBJECT/CONCERN:

Engine MIL Illuminated With DTC P0089-64 Stored

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Discovery (LR)	2017	000055-013595	Solihull	V6 S/C 3.0L Petrol
Range Rover Sport (LW)	2017	123279-148898	Solihull	V6 S/C 3.0L Petrol
Range Rover Sport (LW)	2017	660612-683691	Solihull	V6 S/C 3.0L Petrol
Range Rover (LG)	2017	308452-347364	Solihull	V6 S/C 3.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Code (DTC) P0089-64 stored in the Powertrain Control Module (PCM).

CAUSE:

This may be caused by a PCM software error.

NOTE:

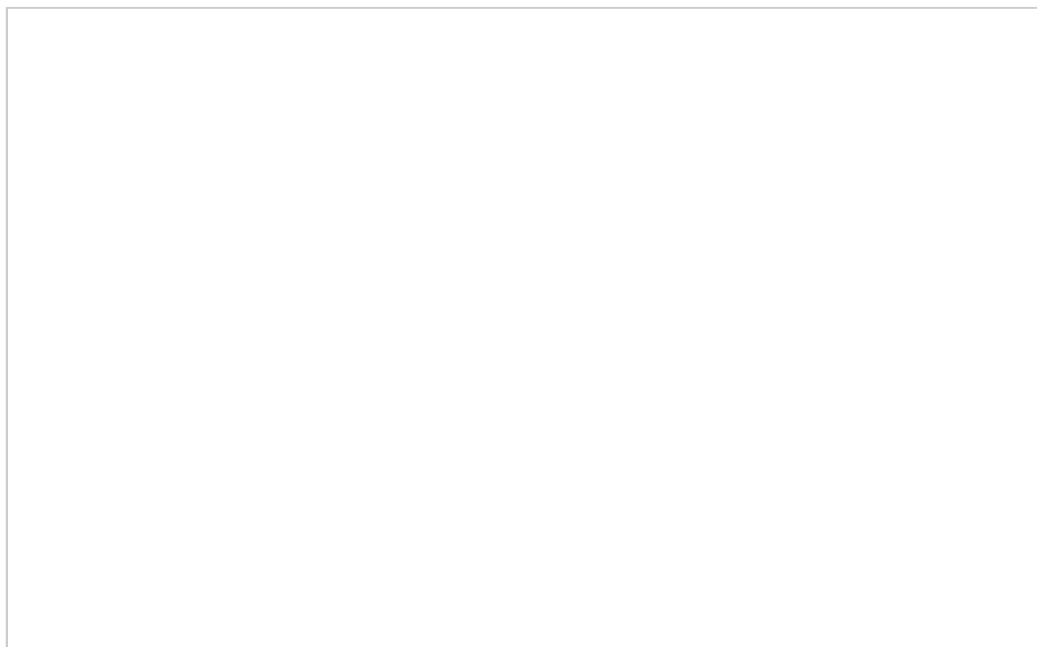
If the Powertrain Control Module (PCM) software is already up to date, refer to the PCM DTC index (see TOPIx Workshop Manual section 100-00: General Information - Description and Operation - Diagnostic Trouble Code IndexV6 S/C 3.0L Petrol, DTC: Powertrain Control Module) for further information.

ACTION:

Should a Customer express this concern, follow the diagnostic procedure below.

PARTS:

No Parts Required

TOOLS:



Jaguar Land Rover-
approved
Midtronics battery
power supply



Jaguar Land Rover-
approved
diagnostic tool with
latest PATHFINDER
software

WARRANTY:**NOTES:**

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.
- DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Powertrain Control Module (PCM) - Software Update	18.90.90	0.2	04	LR084286

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:**CAUTIONS:**

- **A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.**
- **Make sure all ignition ON/OFF requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.**

NOTES:

- The Jaguar Land Rover-approved diagnostic tool must be loaded with PATHFINDER version 71 (or later).
- Use DDW to check for Service Action or Update Prior to Sale notice eligibility requiring a Powertrain Control Module (PCM) software update. If eligible, perform and claim the update as per that program.

-
- 1 Connect the Jaguar Land Rover-approved battery power supply to the vehicle battery.
-

2 **NOTE:**

The Jaguar Land Rover-approved diagnostic equipment will read the correct Vehicle Identification Number (VIN) for the current vehicle and automatically take the vehicle out of 'Transportation mode' if required.

Connect the Jaguar Land Rover-approved diagnostic equipment to the vehicle and begin a new diagnostic session.

-
- 3 Follow the diagnostic equipment prompts.
-

- 4 Select '**ECU Diagnostics**'.
-

- 5 Select '**Powertrain control module (PCM)**'.
-

- 6 Select '**Update ECU**'.
-

7 Follow all on-screen instructions to complete this task.

8 If required, reset the vehicle to 'Transportation mode'.

9 When the task is completed, exit the current session.

10 Disconnect the diagnostic equipment and battery power supply from the vehicle.