

LTB01032NAS1

TECHNICAL BULLETIN

27 APR 2017



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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:

206-00

SUBJECT/CONCERN:

Anti-Lock Brake System (ABS) Module Software Upgrade

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Range Rover Evoque (LV)	2016	048210-168346	Halewood
Range Rover Evoque (LV)	2016 Onwards	000501 Onwards	Halewood

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

One or more of the following may occur:

- Auto stop/start functionality is erratic.
- The Malfunction Indicator Lamp (MIL) may illuminate while maneuvering through bends in excess of 20km/h (12mph).

- Unexpected change in vehicle speed while in reverse (R) when All Terrain Progress Control (ATPC) has been selected.

CAUSE:

This may be caused by an Anti-lock Brake System (ABS) control module software error.

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 SDD
software,
Calibration File

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
Anti-lock brake system - System diagnosis - Includes configuration of new ECU	70.90.03	0.2	42	LR072596

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 DVD147.08 and Calibration File 263 (or later).**
- **Use DDW to check for Service Action or Update Prior to Sale notice eligibility requiring an Anti-Lock Brake System (ABS) Control Module software update. If eligible, perform and claim the update as per that program.**

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
- 2 Switch the ignition ON (engine not running).
- 3 Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
- 4 Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.
- 5 Select **Diagnosis** from the Session Type screen.
- 6 Select the **Selected Symptoms** tab and then select:
 - **Powertrain - Engine system - starting system - start-stop system - Intermittent operation** or
 - **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated** or

- **Powertrain - Automatic transmission and transaxle - Automatic transmission and transaxle symptoms**

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- 7 Select **continue**.
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- 8 Select the **Recommendations** tab.
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- 9 Select **Run** to perform the '**Configure existing module - ABS control module**' option.
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- 10 Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.
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- 11 When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
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- 12 Disconnect the diagnostic tool and battery power supply from the vehicle.

DIAGNOSTIC PROCEDURE:

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CAUTION:

This procedure requires DVD148.07 and Calibration File 263 loaded or a later version.

Connect the Jaguar Land Rover approved battery support unit.

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- 2 Connect the Jaguar Land Rover approved diagnostic tool to the vehicle.

3 Begin a new diagnostic session by reading the Vehicle Identification Number (VIN) for the current vehicle and initiating the data collect sequence.

4 Follow the Jaguar Land Rover approved diagnostic tool prompts.

5 If the hyperlink is not available, the application can be found as follows:

- Select the 'Diagnosis' Session Type
- Select any of the following symptoms:
 - Chassis - Braking system - Electronic parking brake - Parking brake will not release - Drive away release feature inoperative
 - Powertrain - Engine system - starting system - start-stop system - Intermittent operation
 - Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated
 - Powertrain - Automatic transmission and transaxle - Automatic transmission and transaxle symptoms
- From 'Recommendations', run : Configure existing module – ABS control module

6 When all of the tasks are complete, exit the current session by selecting the 'Session' tab and then select the 'Close Session' option.

7 Disconnect the Jaguar Land Rover approved diagnostic tool and the Jaguar Land Rover approved battery support unit.

