

TECHNICAL BULLETIN
LTB00757NAS4
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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.

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in gray

SECTION: 307-00

Loss Of Drive Or Flashing Gear Selector LED Indicator And / Or Related Intelligent Stop/Start Issues

AFFECTED VEHICLE RANGE:

LR4 (LA)

Model Year: 2014-2016
VIN: 679426-784564
Manufacturing Plant: Solihull

Range Rover Sport (LW)

Model Year: 2014-2015
VIN: 001154-542163
Manufacturing Plant: Solihull

Range Rover Sport (LW)

Model Year: 2014-2015
VIN: 600009-630153
Manufacturing Plant: Solihull

Range Rover (LG)

Model Year: 2013-2015
VIN: 001204-243370
Manufacturing Plant: Solihull

MARKETS:

NAS

CONDITION SUMMARY:




NOTE: during Intelligent Stop/Start operation, Driver Exit function prevents the vehicle from being inadvertently left in a drivable condition, the vehicle will detect when a driver is not present and automatically turn the ignition off. Please ensure the customer is aware of this feature and the conditions required for it to operate as described in the Owner's Handbook.

Situation: One of the following issues may occur:

- The Gear Selector LED Indicator flashes and Neutral is involuntarily engaged when coming to a stop or immediately after an Automatic Engine Restart (when Intelligent Stop/Start is active).

- The Instrument Cluster has switched off after an Automatic Engine Stop and Driver Exit conditions do not exist and the vehicle does not automatically restart the engine upon release of the brake pedal (NOTE. DTC P162F-00 may be stored in the Engine Control Module [ECM]).

Cause: This may be caused by the original ECM and Transmission Control Module (TCM) software which did not provide optimized settings for the Intelligent Stop/Start function in all situations.

 **NOTE: check for open Service Campaigns that require an update of the Engine Control Module (ECM) and / or Transmission Control Module (TCM). Vehicles eligible may be updated in accordance with this workshop procedure but must only be claimed under the open campaigns.**

 **NOTE: the Transmission Control Module (TCM) update is not applicable to 2014MY Range Rover Sport (L494; 3.0L SC V6).**

Action: Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

No Parts Required

TOOLS:


 **NOTE: this 'Active Bulletin' will display a functional programming shortcut if accessed within a diagnostic session using SDD.**

SDD with latest DVD and Calibration File

Jaguar Land Rover-approved Midtronics battery power supply

WARRANTY:

 **NOTE: the Engine Control Module (ECM) may also be referred to as Powertrain Control Module (PCM).**

 **NOTE: check for open Service Campaigns that require an update of the Transmission Control Module (TCM) and / or Engine Control Module (ECM). Vehicles eligible may be updated in accordance with this workshop procedure but must only be claimed under the open campaigns.**

 **NOTE: 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.**

 **NOTE: 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
Update Transmission Control Module software	44.90.10	0.20	04	LR062822
Update Engine Control Module software	12.90.13	0.20	04	LR038618

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:

 **CAUTION: a Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.**

 **CAUTION: ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.**



NOTE: SDD must be loaded with DVD143.01 v.217 or later.



NOTE: check for open Service Campaigns that require an update of the Transmission Control Module (TCM) and / or Engine Control Module (ECM). Vehicles eligible may be updated in accordance with this workshop procedure but must only be claimed under the open campaigns.

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
- 2 Turn ignition 'ON' (engine not running).
- 3 Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
- 4 Follow the on-screen prompts, allowing SDD to read the VIN and 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 > Automatic transmission and transaxle > Gear selector malfunction > Gear position display flashing
- 7 Select 'continue'.
- 8 Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Transmission control module' option.
- 9 Follow all on-screen instructions to complete this task.



NOTE: the Engine Control Module (ECM) may also be referred to as Powertrain Control Module (PCM).

- 10 Select the 'Selected Symptoms' tab and then select:
 - Powertrain > Engine system > Starting system > Start-stop system **or**
 - Powertrain > Automatic transmission and transaxle > Gear selector malfunction > Gear position display flashing
- 11 Select 'continue'.
- 12 Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Powertrain control module' option.
- 13 Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.

14 Exit the current session.

15 Disconnect the SDD and the battery power supply from the vehicle.