

TECHNICAL BULLETIN
 LTB00966NAS1
 23 AUG 2016



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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.

SECTION: 307-05

Transmission Control Switch (TCS) Illumination: Green Lights Inoperative

AFFECTED VEHICLE RANGE:

LR4 (LA)
Model Year: 2014-2016
VIN: 704668-840480
Assembly Plant: Solihull

MARKETS:

NAS

CONDITION SUMMARY:



NOTE: The Transmission Control Switch (TCS) may also be referred to as Gear Shift Module (GSM).

Situation: The Transmission Control Switch (TCS) green lights may not illuminate when the side lamps or headlamps are switched ON. The red lights on the TCS operate as normal.



NOTE: Make sure the panel illumination dimmer is set to the maximum light level when diagnosing this concern.

Cause: This may be caused by an inoperative transistor in the TCS.

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

PARTS:

LR090489	Gear Shift Module	1
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TOOLS:



E179225

Jaguar Land Rover-approved diagnostic tool with latest SDD software and Calibration File

Jaguar Land Rover-approved Midtronics battery power supply



E192494

Refer to the Service Instruction/Workshop Manual for any required special tools.

WARRANTY:

 **NOTE:** The Transmission Control Switch (TCS) may also be referred to as Gear Shift Module (GSM).

 **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
Transmission control switch - Renew	44.15.93	0.5	42	LR060016
Module - Gear shift - Configure module	44.90.12	0.2	42	LR060016

 **NOTE:** Normal Warranty procedures apply.

SERVICE INSTRUCTION:

1. Replace the Transmission Control Switch (see TOPIx Workshop Manual section 307-05: Automatic Transmission/Transaxle External Controls).

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



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



NOTE: The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD146.00 v.241 or later.

2. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
3. Turn ignition ON (engine not running).
4. Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
5. Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.
6. Select **Service functions** from the Session Type screen.
7. Select the **Recommendations** tab.
8. Select **Run** to perform the '**Configure new module - Gear shift module**' option.
9. Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.
10. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
11. Disconnect the diagnostic tool and battery power supply from the vehicle.