



ADVANCE YOUR VISION

LTB01205NAS1

TECHNICAL BULLETIN

29 JUN 2018

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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:

307-01A / -01B: Automatic Transmission/Transaxle

SUBJECT/CONCERN:

Flashing 'D' After an Auto Stop/Start Event

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Discovery (LR)	2018	047448-073283	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Velar (LY)	2018	700000-776521	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD
Range Rover Sport (LW)	2018	181320-199999	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD
Range Rover Sport (LW)	2018	400000-411938	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD
Range Rover Sport (LW)	2018	695613-699999	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD
Range Rover Sport (LW)	2018	800000-806735	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD
Range Rover (LG)	2018	380217-399999	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD
Range Rover (LG)	2018	500017-507907	Solihull	Vehicles With: 8HP70 8-Speed Automatic Transmission AWD/8HP45 8-Speed Automatic Transmission AWD

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The 'D' may flash on the Transmission Control Switch (TCS) and/or Instrument Cluster after an Auto Stop/Start event. DTC (Diagnostic Trouble Code) P0715-64 and P0700-02 may be stored in the Transmission Control Module (TCM) and a 'Gearbox Fault' warning message may be displayed on the Instrument Cluster.

CAUSE:

This may be caused by a TCM software error.

ACTION:

Should a customer express this concern, follow the Diagnostic Procedure below.

PARTS:

No Parts Required

TOOLS:

E192496

Jaguar Land
Rover-approved
Midtronics battery
power supply



E208514

Jaguar Land
Rover-approved
diagnostic
equipment 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 JLR claims submission system to obtain the latest repair time.
- The JLR Claims Submission System 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
Read and clear fault codes	12.90.16	0.2	04	LR086502
Update ECU - Transmission Control Module (TCM) - with diagnostic equipment already connected	44.90.10.01	0.1	04	LR086502

△ NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:

 CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery during diagnosis / module programming.
- All ignition ON/OFF requests must be performed; failure to perform these steps may cause damage to control modules in the vehicle.

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

2 **NOTE:**

The Jaguar Land Rover-approved diagnostic equipment must be loaded with PATHFINDER version 170 (or later).

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

3 **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 Transit mode (if required).

Follow the on-screen prompts.

4 Select **ECU Diagnostics**.

5 Select **All DTCs**.

- If only **DTC** P0715-64 and/or P0700-02 are stored in the Transmission Control Module (TCM), go to Step 6.
- If any other **DTC** are stored in the TCM, **other than P0715-64 and/or P0700-02**, investigate and repair (see TOPIx Workshop Manual section 100-00: **DTC** Index Transmission Control Module [TCM]). To be performed as a separate claim.
 - After finishing diagnosis/repair, go to Step 6.

6 Select **Clear all DTCs**.

- 1** Follow the on-screen instructions until the application finishes successfully.
- 2** Go to the next Step.

7 Select **ECU Diagnostics**.

8 Select **Transmission Control Module [TCM]**.

9 Select **Update ECU**.

- 1** Follow the on-screen instructions until the application finishes successfully.
- 2** Go to the next Step.

10 Exit the current session.

- 1** If required, reset the vehicle to **Transit mode**.
- 2** Select the **Exit** icon.

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