

LTB00830NAS2

# TECHNICAL BULLETIN

23 FEB 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

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

Changes are highlighted in blue

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## SECTION:

413-00

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**SUBJECT/CONCERN:**

Fuel Gauge Calibration

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**AFFECTED VEHICLE RANGE:**

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery Sport (LC)	2015-2016	500000-584024	Halewood

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**MARKETS:**

NORTH AMERICA

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**CONDITION SUMMARY:****SITUATION:**

A Customer may express a concern where the Instrument Cluster (IC) fuel gauge may read 'E' (Empty) but the fuel tank will not accept 70 liters of fuel.

**CAUSE:**

This may be caused by the calibration of the fuel gauge.

**ACTION:**

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

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**PARTS:**

No Parts Required

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**TOOLS:**

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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
Instrument cluster - System diagnosis - Includes configuration of new ECU	88.90.03	0.2	04	LR073349

**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 DVD148.02 and Calibration File 258, InControl Touch Pro Software 004.02 (or later).**
- **Use DDW to check for Service Action or Update Prior to Sale notice eligibility requiring a Instrument Cluster 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:
  - **Electrical > Instruments > Gauges > Fuel gauge > Inaccurate**
- 7 Select **continue**.
- 8 Select the **Recommendations** tab.
- 9 Select **Run** to perform the '**Configure existing module - Instrument cluster control module**' option.
- 10 Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.

- 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.