

Reference	SSM73402
Models	Discovery / L462 Range Rover / L405 Range Rover Sport / L494
Title	Fuel Level Display Low Or Zero When Full DTC B1A75-11/ B1A76-11 Stored
Category	Electrical
Last modified	29-Nov-2017 00:00:00
Symptom	205000 Electrical Accessories

Content

Issue: A customer may report that the fuel level displays low when the quantity of fuel in the tank is higher or possibly full. The Diagnostic Trouble Codes (DTCs) B1A75-11 Fuel Sender 1 or B1A76-11 Fuel Sender 2 or both, will be present in the Body Control Module (BCM) if the concern appears. If the vehicle ignition is switched off for a period of time between 2 seconds and 2 minutes and then back on again, the fuel gauge reading will return to normal. The concern affects 17MY only.

Cause: Body Control module Software

Action: If a customer reports the concern and any of the above DTCs are present in the BCM, using Pathfinder version 120 or later loaded, download the latest software to the Gateway Module (GWM) and BCM as follows:

Note: If the 'Update ECU' function is greyed out then the software is already at the latest level. Proceed to the next step.

1. CAUTION: This procedure requires Pathfinder version 120 loaded or a later. Connect the Jaguar Land Rover (JLR) approved battery support unit.
2. Connect the JLR approved diagnostic tool to the vehicle and begin a new diagnostic session.
The JLR approved diagnostic tool will read the correct VIN for the current vehicle and automatically take the vehicle out of 'Transportation mode' if required.
3. Follow the JLR approved diagnostic tool prompts.
4. Select 'ECU Diagnostics'.
5. Select 'Gateway module 'A' [GWM]'
6. Select 'Update ECU'.
7. Select 'ECU Diagnostics'.
8. Select 'Body Control Module [BCM]'
9. Select 'Update ECU'.
10. Follow all on-screen instructions to complete this task.
11. If required, reset the vehicle to 'Transportation mode'.

12. When all of the tasks are complete, exit the session.
13. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

Affected VIN range –

17MY Range Rover 12403 to 138521,
17MY Range Rover Sport 320324 to 333477 and 666892 to 673461,
17MY New Discovery 00053 to 002440.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.