

Reference	SSM74171
Models	E-PACE / X540 F-PACE / X761 F-TYPE / X152 XE / X760 XF / X260 XJ / X351
Title	BCM outputs not functioning with U1000-00 DTC: Reset routine name change
Category	Electrical
Last modified	06-Feb-2019 00:00:00
Symptom	205000 Electrical Accessories

Content**Issue:**

U1000-00 present in BCM

One or more BCM outputs not functioning.

Examples include: Exterior lighting; Interior lighting (especially interior lights on X260, X760 or X761); Sun roof blinds; Steering Wheel Adjust; eco stop start.

Cause:

When repeated short circuits occur the BCM goes into a self-protection mode.

In this mode outputs where short circuits have been repeatedly seen are disabled.

This is indicated by the presence of the DTC U1000-00 (Solid State Driver Protection Active - Driver Disabled)

This is done to prevent any possible damage to the BCM and other systems.

Action:**Do not replace the BCM**

Using the Jaguar Land Rover (JLR) approved diagnostic equipment, check for short circuit DTCs. These are DTCs ending in -11, -12, -14 & -15.

Repair all circuits as necessary.

For vehicles using SDD:**SDD DIAGNOSTIC PROCEDURE:**

CAUTION: This procedure requires a minimum of SDD 155.00 and Software Management Pack 305 loaded or later.

NOTE: The Jaguar Land Rover (JLR) approved diagnostic equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation mode' if required.

1. Connect the JLR approved battery support unit.
2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
3. Follow the Jaguar Land Rover approved diagnostic equipment prompts.
4. Select the 'Service Functions' Session Type

5. Run 'Body systems - Enable Protected Outputs'
6. When all of the tasks are complete, exit the session.
7. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

For vehicles using Pathfinder:

Pathfinder DIAGNOSTIC PROCEDURE:

CAUTION: This procedure requires a minimum of Pathfinder 201 loaded or later.

NOTE: The Jaguar Land Rover (JLR) approved diagnostic equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation mode' if required.

1. Connect the JLR approved battery support unit.
2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
3. Follow the JLR approved diagnostic equipment prompts.
4. Select 'ECU Diagnostics'.
5. Select 'Body Control Module [BCM]'
6. Select 'ECU Functions'
7. Select 'Enable Protected Outputs'
8. Follow all on-screen instructions to complete the task.
9. When all of the tasks are complete, exit the session.
10. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

For all vehicles:

Test operation of repaired circuit

Using the Jaguar Land Rover (JLR) approved diagnostic equipment, recheck for short circuit and U1000-00 DTCs

If the action fails to rectify the concern, please raise a Technical Assistance (TA)

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.