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DAYTIME RUNNING LAMPS (G2401026)

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PRINCIPLES OF OPERATION

For a detailed description of the Daytime Running Lamps, refer to the relevant Description and Operation section in the workshop manual. REFER to: [Daytime Running Lamps](#) (417-04 Daytime Running Lamps, Description and Operation).

INSPECTION AND VERIFICATION

 CAUTION:

Diagnosis by substitution from a donor vehicle is **NOT** acceptable. Substitution of control modules does not guarantee confirmation of a fault, and may also cause additional faults in the vehicle being tested and/or the donor vehicle.

 NOTES:

- If a control module or a component may be at fault and the vehicle remains under manufacturer warranty, refer to the Warranty Policy and Procedures manual, or determine if any prior approval program is in operation, prior to the installation of a new module/component.
- When performing voltage or resistance tests, always use a digital multimeter accurate to three decimal places, and with an up-to-date calibration certificate. When testing resistance always take the resistance of the digital multimeter leads into account.
- Check and rectify basic faults before beginning diagnostic routines involving pinpoint tests.

1. Verify the customer concern
2. Visually inspect for obvious signs of damage and system integrity

Visual Inspection

MECHANICAL	ELECTRICAL
■ Headlamps	■ Fuses ■ Wiring harnesses and connectors ■ Body control module ■ Headlamp control module

3. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step

4. If the cause is not visually evident, verify the symptom and refer to the Symptom Chart, alternatively check for Diagnostic Trouble Codes (DTCs) and refer to the DTC Index
5. Check JLR claims submission system for open campaigns. Refer to the corresponding bulletins and SSMS which may be valid for the specific customer complaint and complete the recommendations as required

SYMPTOM CHART

SYMPTOM	POSSIBLE CAUSES	ACTION
Daytime running lamps inoperative	- Daytime running lamps working as specified or within system limitations - Car configuration file mismatch with vehicle specification - Daytime running lamps circuit short circuit to ground, short circuit to power, open circuit, high resistance - Headlamp internal failure	 NOTE: After updating the car configuration file, set the ignition to on and wait 30 seconds before clearing the DTCs. - For a detailed description of the daytime running lamps, refer to the relevant Description and Operation section in the workshop manual. - Using the manufacturer approved diagnostic system, check and up-date the car configuration file as necessary. Clear the DTCs and retest - Refer to the electrical circuit diagrams and check the daytime running lamps circuit for short circuit to ground, short circuit to power, open circuit, high resistance - Install a new headlamp

DTC INDEX

For a list of Diagnostic Trouble Codes (DTCs) that could be set on this vehicle, please refer to Section 100-00.REFER to: [Diagnostic Trouble Code Index - DTC: Body Control Module \(BCM\)](#) (100-00 General Information, Description and Operation).