

TECHNICAL BULLETIN
JTB00433NAS1
27 AUG 2015



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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 Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 417-00

Adaptive Front Lighting System Warning Lamp Illuminated

AFFECTED VEHICLE RANGE:

XF (X250)

Model Year: 2012-2014
VIN: S20753-U39092
Manufacturing Plant: Castle Bromwich

XJ Range (X351)

Model Year: 2010 Onwards
VIN: V00477 Onwards
Manufacturing Plant: Castle Bromwich

XK Range (X150)

Model Year: 2012
VIN: B44940-B48619
Manufacturing Plant: Castle Bromwich

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The Adaptive Front lighting System (AFS) warning lamp may be illuminated/flashing on the Instrument Cluster. Upon diagnosis, the technician may find Diagnostic Trouble Codes (DTC) B1D64-87 and/or B1D65-87 stored in the headlamp leveling control module.

Cause: This may be caused by a software error within the headlamp leveling control module.

Action: Should a customer express this concern, follow the Service Instruction below.

PARTS:

No Parts Required

TOOLS:




NOTE: this is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.

SDD with latest DVD and Calibration File

Jaguar Land Rover-approved Midtronics battery power supply

WARRANTY:

 **NOTE: 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.**

 **NOTE: 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
Configure headlamp leveling module using IDS/SDD	86.99.38	0.2	42	C2D2774

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:

 **CAUTION: a Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.**

 **CAUTION: ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.**

 **NOTE: SDD must be loaded with DVD142.03 v.212 or later.**

1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
2. Turn ignition 'ON' (engine not running).
3. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and 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 > Warning lamps > Adaptive front lighting system lamp > Lamp illuminated
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Headlamp control module' option.
9. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
10. If the fault code **B1041-54** occurs after the configuration of the headlamp leveling control module, perform the following.
 - Select 'Service functions'.
 - Run: Lighting - Headlamp control module system calibration

11. Exit the current session.

12. Disconnect the SDD and the battery power supply from the vehicle.