

**TECHNICAL BULLETIN**  
**JTB00446NAS3**  
**05 FEB 2016**



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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.

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

Changes are highlighted in gray

**SECTION: 414-00**

**Battery And/Or Charging System Concerns**

**AFFECTED VEHICLE RANGE:**

**F-TYPE (X152)**

**Model Year:** 2014 Onwards  
**VIN:** K00317 Onwards  
**Assembly Plant:** Castle Bromwich

**XE (X760)**

**Model Year:** 2017 Onwards  
**VIN:** 900000 Onwards  
**Assembly Plant:** Solihull

**XF (X260)**

**Model Year:** 2016 Onwards  
**VIN:** Y00001 Onwards  
**Assembly Plant:** Castle Bromwich

**XJ Range (X351)**

**Model Year:** 2010 Onwards  
**VIN:** V00001 Onwards  
**Assembly Plant:** Castle Bromwich

**XF (X250)**

**Model Year:** 2010-2015  
**VIN:** R36912-U88785  
**Assembly Plant:** Castle Bromwich

**XK Range (X150)**

**Model Year:** 2010-2015  
**VIN:** B32753-B56794  
**Assembly Plant:** Castle Bromwich

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** The vehicle battery may be flat or one of the following messages/warning lights may be displayed on the Instrument Cluster.

- Faulty generator

- Faulty Battery Monitoring System (BMS)
- The charge warning indicator is illuminated when the engine is running

**Cause:** The power supply is a fully integrated system that requires SDD to diagnose overall functionality robustly to make sure customer satisfaction is met via right first time diagnosis.

**Action:** Should a customer express this concern, follow the Diagnostic Procedure below.

### **PARTS:**

No Parts Required

### **TOOLS:**



**NOTE: this Active Bulletin 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
Battery - Power supply service mode diagnostic	<b>86.98.25</b>	0.3	42	Refer to the Service Information section



**NOTE: Normal Warranty procedures apply.**

### **SERVICE INFORMATION:**

1. The casual part number will vary depending on the findings of the Diagnostic Procedure. Make sure the relevant causal part number is claimed based on the results.

### **DIAGNOSTIC PROCEDURE:**



**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 / 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 DVD142.06 v.215 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. Disconnect the battery power supply to the vehicle battery.
6. Select **Diagnosis** from the Session Type screen.
7. Select the **Selected Symptoms** tab, and then select:
  - **Electrical > Battery > Charging system > Battery monitoring system** or
  - **Electrical > Instruments > Warning lamps > Battery and alternator lamp** or
  - **Powertrain > Engine system > Starting system > Start-stop system**
8. Select continue.
9. Select the **Recommendations** tab, and then select **Run** to perform the **Battery - Power supply service mode diagnostic** option.
10. Follow all of the on screen instructions to complete the application.
11. After the application has finished, follow the on-screen instructions for the next steps.
12. When all of the tasks are complete, exit the current session.
13. Disconnect the SDD and the battery power supply from the vehicle.