TECHNICAL BULLETIN
JTB00446NAS1
13 NOV 2015

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: 414-00

Battery And/Or Charging System Concerns

AFFECTED VEHICLE RANGE:

F-TYPE (X152)
Model Year: 2014-2015
VIN: K00317-K22184
Manufacturing Plant: Castle Bromwich

XE (X760)
Model Year: 2016 Onwards
VIN: 900000 Onwards
Manufacturing Plant: Solihull

XF (X260)
Model Year: 2016 Onwards
VIN: Y00001 Onwards
Manufacturing Plant: Castle Bromwich

XJ Range (X351)
Model Year: 2010 Onwards
VIN: V00001 Onwards
Manufacturing Plant: Castle Bromwich

XF (X250)
Model Year: 2010-2015
VIN: R36912-U88785
Manufacturing Plant: Castle Bromwich

XK Range (X150)
Model Year: 2010-2015
VIN: B32753-B56794
Manufacturing 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 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
Battery - power supply service mode diagnostic	**86.98.25**	0.3	42	Refer to the Service Information section

NOTE: Normal Warranty procedures apply.

SERVICE INFORMATION:

1The 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' / 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 DVD142.06 v.215 or later.

1Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.

2Turn ignition 'ON' (engine not running).

3Connect 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 > Battery > Charging system > Battery monitoring system **or**
- Electrical > Instruments > Warning lamps > Battery and alternator lamp **or**
- Powertrain > Engine system > Starting system > Start-stop system

7 Select 'continue'.

8 Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Battery - Power supply service mode diagnostic' option.

9 Follow all of the on screen instructions to complete the application.

10 After the application has finished follow the on screen instructions for the next steps.

11 When all of the tasks are complete, exit the current session.

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