

 JAGUAR	Date	11/2012	JOSC543
	POLICY LETTER		
Subject	Correct Battery Chargers And Power Supplies To Support The Vehicle	Models	All

To: All National Sales Companies, Importers and Authorized Repairers
For the Attention of: The Managing Director
Copies to: The Service/After-Sales Director/Manager
The Parts Director/Manager

Dear Colleagues,

A. Important Requirement

This Policy Letter is being issued to advise new minimum specifications for battery support units which must be used at every event where the SDD - *Symptom Driven Diagnostic* tool is connected to a vehicle and the minimum ratings required for battery chargers when a recharge is required.

These new minimum specifications are necessary due to the increased power requirements of vehicles from 2010MY onwards, and the charging restrictions required for Absorbent Glass Mat (AGM) batteries now fitted to many derivatives of vehicle. They will reduce problems associated with the SDD programming of vehicles and ensure that no hidden damage is caused to batteries whilst in the workshop.

Failure to use the correct equipment leads to software download failures, battery power drain, and in some cases irreversible damage to the battery.

B. What do I need to do?

1. You need to take immediate action to ensure that all existing workshop battery support units are checked against the minimum specifications identified in section C1 below:
 - Any equipment that is identified as not meeting *any* of the minimum specifications must be clearly labeled as '*not to be used with SDD*'.
 - Any equipment that is identified as meeting some of the minimum specifications must be labeled with the appropriate restrictions. For example, a unit with a 25A output might be labeled, '*SDD - only to be used with 2000-2009MY vehicles*'.
 - Any equipment that meets all of the minimum specifications does not require labeling.
2. You must ensure that you have sufficient battery support units that fully meet these minimum specifications to support *every* SDD machine in your workshop being in use at the same time – i.e. at least one 50 Amp battery support unit per SDD machine.
3. You must ensure that any battery charger or battery support unit that is connected to an AGM battery does not charge the battery at more than 14.8 Volts. Any charger that does not have an AGM setting, or any battery support unit which has an output above 14.8 Volts, must be clearly labeled '*not to be used with AGM batteries*'.

Further details are given in Section C.

Please ensure that all technicians within the workshop are made aware of these minimum specifications and use of the correct battery support unit when using the SDD tool.

C. New Minimum Equipment Specifications

The following minimum equipment specifications are to be incorporated into the Dealer Standards:

1. Minimum power output specifications for battery chargers and supply unit when used with SDD for Jaguar Vehicles.

Make	Model	2000 - 09MY	10MY	11MY	12MY	13MY onwards
Jaguar XK	X150	Min rating 25 amp	Min rating 50 amp	Min rating 50 amp	Min rating 50 amp	Min rating 50 amp
Jaguar XF	X250	Min rating 25 amp	Min rating 50 amp	Min rating 50 amp	Min rating 50 amp	Min rating 50 amp
Jaguar S-TYPE	X200	Min rating 25 amp				
Jaguar XJ	X350	Min rating 25 amp				
New Jaguar XJ	X351		Min rating 50 amp	Min rating 50 amp	Min rating 50 amp	Min rating 50 amp
Jaguar X-TYPE	X400	Min rating 25 amp	Min rating 25 amp			

NOTE: All 13MY- on vehicles require a minimum of 50 amp battery support unit to be connected when SDD is connected.

Battery chargers must not be used as a power source when SDD is connected to the vehicle as they do not have a sufficiently smoothed power output and can cause programming failures. When using the SDD tool, only a compatible battery support unit should be used unless a power supply functionality mode is available as part of the chargers selectable features.

2. AGM-Compatible Battery Charger.

When charging an AGM battery you must use a device that is specifically compatible with an AGM battery. It is important to note that AGM batteries cannot be charged above 14.8 volts as this will cause irreversible damage. Every Authorized Repairer must have at least one battery charger that is suitable for use with AGM batteries.

Any charger that does not have an 'AGM' setting, or which cannot be clearly shown to be compatible with AGM batteries, must be assumed to be not suitable for use with AGM batteries and labeled accordingly.

Please refer to the approved battery chargers and battery support units on the SPX website for further information.

NOTE: The requirement for a battery conditioner or battery support unit to be connected to the vehicle with SDD does not apply when the SDD tool is being used during a dynamic road test.

The information in this Policy Letter does not apply to battery conditioners which are used in Showrooms.

Yours faithfully



Peter Cockle
Technical Director – Global Customer Service