

Tech Tips

TT 27-11-02

Date: January 28, 2011

2011-2015 Jetta Sedan, 2012-2015 Passat, 2012-2015 Beetle,
2013-2015 Beetle Convertible – No Charging System Voltage

February 20, 2015: Update to Model Year.

When diagnosing a low battery or no charging system concern, start by inspecting the SA1 200 amp fuse in the SA fuse block. **DO NOT replace the generator.** Perform a voltage drop test between threaded connections 508 and SA1 as shown in Figure 1. If the voltage drop is above .02V, disconnect the battery and remove the cables at the 508 connection and the SA1 connection. Check for continuity of the threaded plate connection between 508 and SA1. If fuse SA1 is found to have an open circuit, replace the fuse and check the threaded connections closely.

Location of Fuses (SA), on electronics box

Torque Settings

⇒ Electrical System, Repair Group 97, Removing and Installing Fuse Panel

Fuse Colours

200 A - purple

150 A - grey

125 A - pink

100 A - blue

80 A - white

70 A - brown

60 A - yellow

50 A - red

40 A - green

30 A - orange

