



# TECH TIPS

---

**Dixie Part Numbers:** A-6568      A-6572      TBA

**Applications:** 2007 – 2012 Porsche 911 Carrera (all models)  
2007 – 2012 Porsche 911 Targa (all models)  
2007 – 2012 Porsche 911 Turbo (all models)

**Conditions:** The operator of the vehicle may complain that the alternator voltage fluctuates. The technician may observe voltages between 12 and 16V. Diagnostic trouble codes P1694 and P1699 (under and over voltage codes) may be stored in the system.

**Cause:** A potential cause for the above conditions is a design feature which allows the onboard computer modules to control the alternator output based on demands and temperature.

**Correction:** Follow the manufacturer's recommended diagnostic and repair procedures which include ensuring that the temperature measuring device in the alternator has not exceeded the 135°C limit or inaccurate voltage readings will be obtained. The diagnostic trouble codes will clear themselves and may be triggered by driving conditions.