

Tech Tips

TT 27-13-01

Date: May 10, 2013

2005-2015 Beetle, Beetle Convertible, CC, Eos, Golf/GTI, Jetta, Jetta Sportwagen, Passat, Tiguan – Generator Charging Concern Diagnosis Tip - One Way Clutch Pulley Testing

February 20, 2015: Update to Model and Year.

When diagnosing a generator charging concern, it is recommended to verify operation of the one way clutch located in the generator pulley (if equipped) before replacing generator assembly. To check the one way clutch, remove the belt from the generator pulley and use a trim removal tool to hold fan blades inside generator, as shown below. When attempting to turn pulley by hand with fan blades held, pulley should spin freely in only one direction. If pulley spins freely in both directions, the one way clutch has failed and should be replaced before continuing diagnosis.

