

Tech Tips

TT 80-13-01

Date: September 13, 2013

2012-2013 Passat-Blower Motor-Fault Diagnosis

If the vehicle comes in with a blower concern, check for DTCs. If DTCs are found, use the table below to diagnose the concern. Use figures 1 and 2 below for component reference.

DTC and Fault Description	Cause
<p>B10BE07 – Overloaded or Blocked Motor</p> <p>B10BE96 - Four failure modes: current limit, open/short to batt (+), short or blocked motor, internal error</p>	<p>Blocked motor, fan blade separated from motor, fan blade rubbing housing, blower control module (J126) faulty, blower motor open circuit</p> <ol style="list-style-type: none"> 1. Check physical condition of blower 2. Ensure 2-pin connector is making proper contact 3. Swap blower control module (J126) if available
<p>B10A115 - Diag circuit open/short to B+</p>	<p>“Diag” wire is no longer able to send the digital (Square wave) back to the A/C control head. Check SC Fuse/power supply for loose pins or open Fuse:</p> <ul style="list-style-type: none"> - Power & Ground wiring to (T6t) connector (in general) - (T10a) connector soft set/not plugged in or loose terminal - (T6t) connector soft set/not plugged in or loose terminal

Service Information

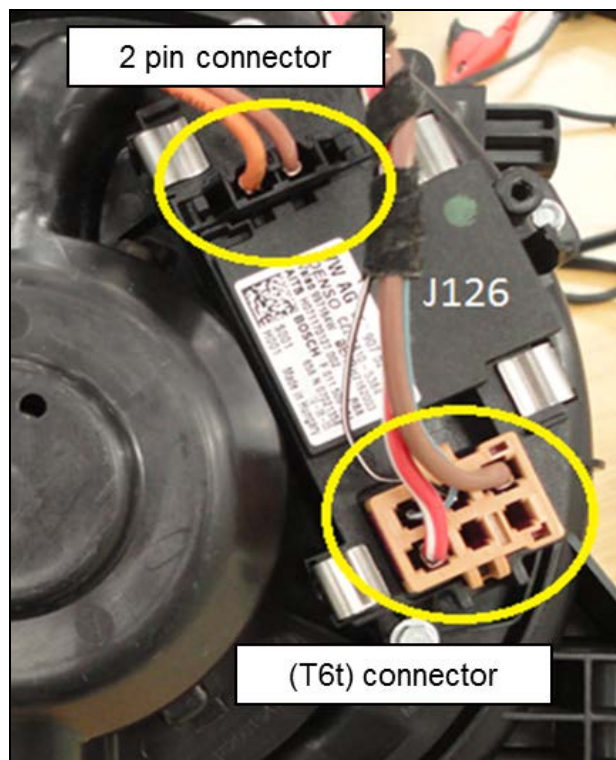


Figure 1

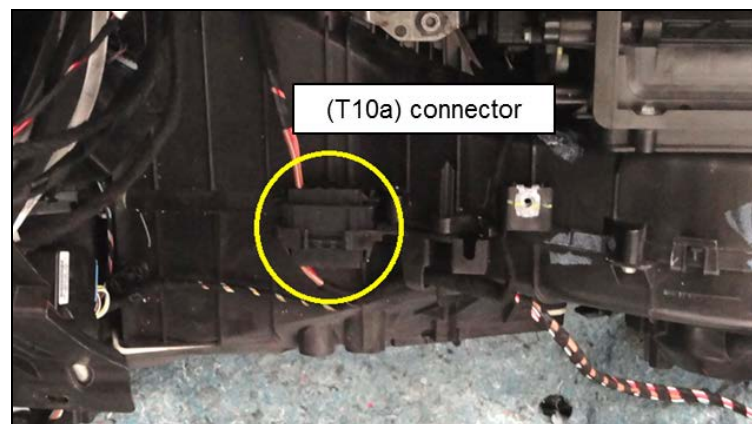


Figure 2