



Technical Tip

Topic	80-13-01TT – Blower Motor Fault Diagnosis
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	October 5, 2018

Condition

ATTENTION:

THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.

TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Blower Motor Fault Diagnosis

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat	2012-2014	All	All	All	All
Tiguan	2008-2017	All	All	All	All

Technical Background

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.

Service

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

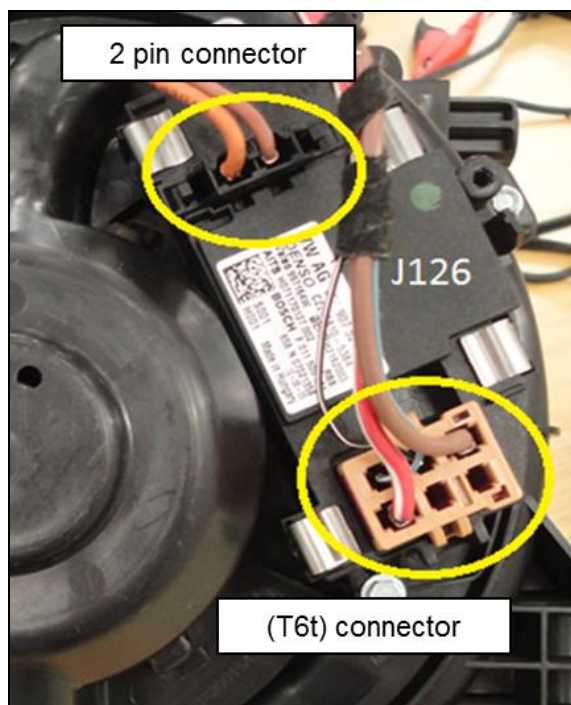


Figure 1

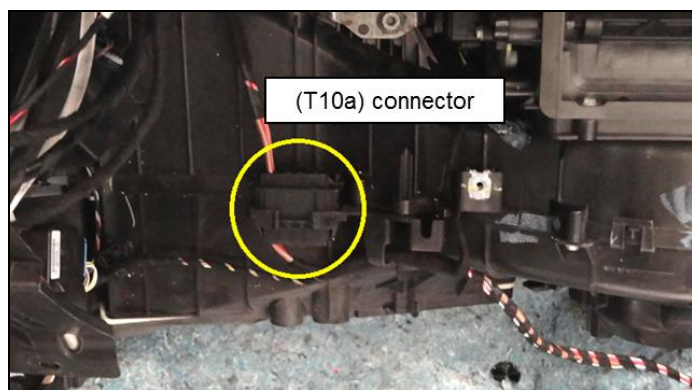


Figure 2

Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2035296/4	10/5/18	Update to include an additional model.
2035296/3	7/19/17	Update to latest standard.
2035296/2	2/14/14	Update to information.
2035296/1	9/13/13	Original publication.

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