

# VW ElsaWeb Newsletter



Das Auto.

Edition 4: September 24, 2012

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## Tech Tips in ElsaWeb

As you may have recently noticed, Tech Tips are now available in ElsaWeb. This is just the start of a project that is scheduled to be completed by the end of the year. The Tech Tips have been added starting with the newest 2012 Tech Tips and moving to the past year's Tech Tips. We will keep you informed of the progress and let you know when the project is complete.

Just a reminder that the VW Google Search tool is available under the Technical Assistance tab in ELSA. This tool will search available Technical Bulletins, Tech Tips and Wiring Diagrams using just one keyword entry. For more information, including a video demonstration, go to [VW Google Search](#). There is also a very helpful VW Google Search Tips document that is a great tool to make the search more effective.

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# Important Information

## VSS-12-03 - 2012/2013 Beetle Windows-VTA Process

A PDF of this important information can be found by logging into ServiceNet and clicking on the [VSS-12-03 - 2012/2013 Beetle Windows-VTA Process](#) Technical Helpline section in the Technician References menu.

*"All 2012 / 2013 Beetles with Power Window Issues"*

- Check and Perform Technical Bulletin 2028594 (V641201) where applicable
- Check for any physical damage or obvious operational restrictions

**If windows continue to have issues, please open a VTA case using concern group:**

*"2012 / 2013 Beetle Windows"*

- You must fill in Technicians Preparedness questions accurately.
- Be sure to include in Customer Concern box:
  - Driver Window and / or Passenger Window
  - Customer Name
- Once all the information has been entered, submit the ticket.
  - (Mandatory attachments will not be necessary).
- Then access the ticket and close the ticket.

**The Volkswagen Technicians Helpline will process the ticket once closed.**

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## Feedback Corner

Each week, the Feedback Corner will provide the status of open ElsaWeb feedbacks as well as a highlighted feedback. The feedback of the week is from Travis, regarding a wiring diagram for a 2013 Passat. He says:

"The wiring diagram shows power supply for the fresh air blower switch/resistor coming from fuse SC40. This is not correct, power comes from fuse SC27, which is correctly stated in component locations-fuses-SC fuse locations."

This feedback was reviewed by the service information team and then sent to the factory for further review. The service information will be updated to show that the proper power feed to J301 is fuse SC27. Travis included his full name and email address with the feedback and will be receiving Generation VW Bucks for helping improve the quality of the repair information.

Feedback Status		
New	Completed	To Factory
21	13	6

\*Please note that this feedback feature is not the place to obtain technical assistance on Volkswagen vehicles, or to report potential issues you may have experienced with a vehicle. If you require assistance in repairing or diagnosing a vehicle issue, or wish to report a technical issue, please create a Volkswagen Technical Assistance ticket and contact the Volkswagen Technical Helpline at (800)-678-2389.

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## Technical Bulletins

**10-12-01 - Crankcase Breather Diagnosis (September 18, 2012 2025501 Supersedes T. B. V101101 dated February 14, 2011 to include additional model year and additional diagnostic assistance.)**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2008–2013	2.0L (CCTA, CBFA)	All	All	All

Rough running, noise from engine, or MIL ON with DTCs P0300, P0301, P0302, P0303, P0304, P2279, P1297, P1093, or P2187 stored in ECM. Rough running, noise from engine, or MIL ON with DTCs P0300, P0301, P0302, P0303, P0304, P2279, P1297, P1093, or P2187 stored in ECM.

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## Tech Tips

### **19-12-04TT - All 2004 and Newer Vehicles with Electronically Controlled Cooling Fan – Cooling Fan Diagnosis Tips**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2011 >	All	All	All	All

The pin-out for an electronically controlled cooling fan is as follows:

1. Terminal 30 battery power
2. Key ON power
3. Pulse width modulated (PWM) control signal from ECM
4. Ground

- Duty cycle of PWM control signal from ECM determines fan speed, for example key on is 25%, low fan speed is 50%, high speed is 75%.
- When the fan control module has key ON power, it must receive a PWM control signal from the ECM. If control signal is not present with key on power, fans will run constantly.
- Early vehicles such as Touareg, Phaeton, and W8 Passat will run the cooling fans all the time when a cooling system fault is present in ECM.

**24-09-02TT - Vacuum Lines and Fittings Inspection for EVAP or IMRC Faults (Update to Information)**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2008>	CCTA/CBFA	All	All	All

On vehicles equipped with the CCTA or CBFA 2.0L TSI engine, there is a vacuum "T" off of the Brake Vacuum Pump. On the vacuum "T", there are two smaller vacuum lines, one going to the Leak Detection Pump (LDP) and one going to the Intake Manifold Runner Control Solenoid (IMRC). There are small orifices drilled into the plastic connection for these two lines. If these orifices should become plugged with debris, the following DTCs may result: P2014 or P2015 for the IMRC vacuum line and P0455, P0442, or P0456 for the LDP vacuum line.

A vacuum gauge/pump and a thorough visual inspection are sufficient tools for diagnosis. Additionally, IMRC vacuum can be diagnosed using ECM MVB 143 field 3. When engine RPM is raised above 3000, this value should immediately change from 0% to 100%. If vacuum hose is restricted, the values in field 3 will slowly increase or not increase at all.

**87-12-02TT - A/C Shuts Off with "Compressor Off" Code 12 When Coming to a Stop**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta Sedan	2012	All	All	All	All

When diagnosing a customer concern of A/C shutting off, with "compressor off" code 12 when coming to or at a stop, be aware that the ECM strategy is to shut off the A/C compressor to reduce engine load and increase engine vacuum during braking, particularly during the catalyst warm-up phase. A compressor off code of 12 does not necessarily indicate a vehicle concern.

**90-12-05TT - Fuel Gauge Does Not Show Full After Fueling**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Model	2011-2013	All	All	All	All

If fuel gauge shows approximately 2 bars under full after fueling vehicle, use Vehicle self-diagnosis to change value of instrument cluster adaptation channel value "Display correction of fuel gauge" from -10 to -3.

After saving value, exit instrument cluster, cycle key, and re-evaluate fuel gauge operation.

**94-12-01TT - AFS Module 5M0 907 357C Will Not Accept Coding After Module Replacement**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
EOS	2007-2011	All	All	All	All
Tiguan	2009-2011	All	All	All	All
Golf/GTI	2010-2012	All	All	All	All

If a new AFS module part number 5M0 907 357C will not accept coding after replacement, check the software level of the new module. If software level is not 0148, replace AFS module again.

**94-12-02TT - Possible Damage to DRL Bulb Filament upon Hood Closure**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat	2012-2013	All	All	All	All

When closing the engine hood following any service or inspection, make sure that the hood is at a distance no greater than 12 inches before allowing the hood to drop closed, as per the vehicle owner guide.

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## Campaigns

No new Campaigns in ElsaWeb.

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## Updates

No new Updates in ElsaWeb.

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## Repair Manuals

Elsa Name	Model	Book Updated	Engine Code	Reason
1F	EOS 2007–2011 EOS 2012>	Body Exterior	All	Feedback #605711
1K1/5K1	Golf/GTI 2006– 2009 Golf/GTI 2010>	Body Interior	All	Feedback #586797
162	Jetta Sedan 2011>	Direct Shift Gearbox	All	Factory Update
A32	Passat 2012>	Body Exterior	All	Feedback #572779
7B1	Routan 2009>	Brake System	All	Feedback #603845
162/1K2/ 1K5/AJ5	Jetta Sedan 2011> Jetta Sedan 2005– 2010 Jetta Sportwagen 2009 Jetta Sportwagen 2010>	Heating, Ventilation and Air Conditioning	All	Factory Update
1K2/1K5/ AJ5	Jetta Sedan 2005– 2010 Jetta Sportwagen 2009 Jetta Sportwagen 2010>	Electrical Equipment	All	Factory Update

1K2/1K5/ AJ5	Jetta Sedan 2005– 2010 Jetta Sportwagen 2009 Jetta Sportwagen 2010>	Electrical Equipment	All	Feedback #603883
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## Wiring Diagrams

Elsa Name	Model	Book Updated	Engine Code
Name	Model	Book	All

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## Suggestions:

Please send comments or suggestions to: [ywoa.WorkshopInformation@vw.com](mailto:ywoa.WorkshopInformation@vw.com)

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