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VW Elsa Newsletter



Das Auto.

Edition 107: October 13, 2014

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Technical Bulletins

01 14 22 - 2035464 Supersedes Technical Bulletin V01 1419 dated September 10, 2014 to correct diagnostic trouble code in DTC table.

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Jetta Wagon	2009	CBEA	All	All	All
Jetta Sedan	2010	CJAA	All	All	All
Golf, Jetta Sportwagen/Golf Wagon	2010–2014	CJAA	All	All	All
Jetta (NF)	2011–2014	CJAA	All	All	All
Beetle / Beetle Convertible	2013–2014	CJAA	All	All	All

MIL ON, Cylinder Contribution/Balance Faults Stored in ECM Fault Memory
P0263, P0266, P0269 and/or P0272

One or more of the following fault codes may be stored in the ECM Fault Memory:

DTC	Description
P0263	Cylinder 1 Contribution/Balance
P0266	Cylinder 2 Contribution/Balance
P0269	Cylinder 3 Contribution/Balance
P0272	Cylinder 4 Contribution/Balance

Note: DO NOT diagnose or replace components due to injector contribution faults **before** performing the update function as explained in this bulletin.

Production Solution: Software implemented into production.

44 14 02 - 2031087 Supersedes T.B. V441307 dated December 13, 2013 to include additional note in regards to load force balancing claiming. For information on Alignment, please see Tech Tip 44-13-03 – Alignment Overview.

Vehicle Drift-Pull

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat	2013–2014	All	All	All	All

This Technical Bulletin provides information on improving vehicle drift/pull using selective tire placement. The information provided is based on the Hunter GSP9700 with StraightTrak® (VAS 6230x) and John Bean RFV2000 with OptiLine® (VAS 6311A) diagnostic balancer. The diagnostic procedures for selective tire placement, to improve vehicle drift/pull, will require the use of one of the diagnostic balancers previously mentioned.

The Service Information in This Technical Service Bulletin is divided into Three (3) Sections:

Section 1: Pre-Delivery Inspection (PDI), vehicle drift/pull concerns.

Section 2: Customer concerns for vehicle drift/pull

Section 3: Using Volkswagen approved diagnostic balancers to address vehicle drift/pull

Production Solution: Extensive analysis was conducted by Volkswagen for concerns of vehicle drift/pull and it has been determined that this condition is NOT caused by

any production issues with the vehicle's steering or suspension systems. The main contributors for concerns of vehicle drift/pull are tire pull and road surface tilt (road crown). The information provided in this bulletin will assist the technician optimize the straight ahead tracking of the vehicle for customer satisfaction.

91 14 09 - 2031136 Supersedes T. B. V911305 dated February 8, 2013 to include a special claiming HST revision number in the warranty table.

Update Programming RCD-510 Radio (Premium 8)

Note: All models except Routan and Touareg.

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta	2012 2012	All All	All All	AJ_CM000132 AJ_CM300030	AJ_CM133019 AJ_CM473994
Jetta	2013	All	All	AJ_DM212000	AJ_DM223599
Hybrid Jetta	2013	All	All	AJ_DM200037	AJ_DM242902
Jetta Sportwagen	2012 2013	All All	All All	AJ_CM600055 AJ_DM600610	AJ_CM714823 AJ_DM632613
Beetle	2012 2013	All All	All All	AT_CM608714 AT_DM605301	AT_CM666411 AT_DM630841
Eos	2012 2013	All All	All All	AH_CV000010 AH_DV000129	AH_CV022692 AH_DV002843
Passat	2012 2013	All All	All All	A3_CC000237 A3_DC000133	A3_CC111168 A3_DC027988
CC	2012 2013	All All	All All	AN_CE500020 AN_DE517090	AN_CE553133 AN_DE534178
Tiguan	2012 2013	All All	All All	AX_CW000602 AX_DW000363	AX_CW611172 AX_DW542347

This update programming has been released to address the following customer complaints.

If a customer states:

"Bluetooth audio runs in mono".

"Media player automatically starts when phone is connected to vehicle."

"Bluetooth audio level is too high".

Production Solution: Model Year 2012 and 2013 running software change.

**91 14 10 - 2035473 Supersedes Technical Bulletin V911404 dated March 25, 2014 to update model year applicability.
Infotainment Worksheet (U.S. Only)**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All (Except Routan)	2015	All	All	All	All

This bulletin provides instructions and information for completing and submitting the updated web version of the Infotainment Worksheet. Like the previous version, the Infotainment Worksheet allows more detail to be provided for repairs related to the Infotainment System (radio, navigation, Bluetooth, telephone systems, etc.). The new web version provides an easier approach by which to complete and submit the information.

Because of advanced and frequently changing technology, it is critical that detailed information is provided in order to better understand issues related to Infotainment.

One or more of the following symptoms are possible, but not limited to:

- Poor AM/FM/Satellite radio reception.
 - Poor sound quality.
- Inability/difficult to pair phones, phone loses pairing.
- Navigation system malfunctions or is inoperative.
- Car-Net system malfunctions or is inoperative.
- Rearview Camera malfunctions or is inoperative.
 - Radio or Navigation display issues.
 - Poor sound quality during phone calls.
- CD player/changer malfunctions or is inoperative.
- Voice command(s) malfunctions or is inoperative.

Production Solution: Not applicable.

**96 14 06 - 2038432 WIN Module Replacement
Revised programming procedure for Marquardt Wireless Control Module (WCM) replacement kits.**

**Note: Read this information in its entirety before beginning programming.
Failure to do so may result in programming failure.**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Routan	2009	All	All	All	All

The Wireless Ignition Node (WIN) module for MY 2009 Routan been superseded to the supplier Marquardt.

These kits come with the Fobiks already programmed to the WIN module. Because of this change there is a revision in the programing of the WIN module.

Note: wiTECH™ SOFTWARE LEVEL MUST BE AT RELEASE 13.04.15 OR HIGHER FOR THIS BULLETIN.

Production Solution: Not applicable.

96 14 07 - 2038432 Supersedes Technical Bulletin V961406 dated October 3, 2014 to update the three button FOB part number.

WIN Module Replacement

Revised programing procedure for Marquardt Wireless Control Module (WCM) replacement kits.

Note: Read this information in its entirety before beginning programming. Failure to do so may result in programming failure.

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Routan	2009	All	All	All	All

The Wireless Ignition Node (WIN) module for MY 2009 Routan been superseded to the supplier Marquardt.

These kits come with the Fobiks already programmed to the WIN module. Because of this change there is a revision in the programing of the WIN module.

Production Solution: Not applicable.

Pending Service Solutions

No new Pending Service Solutions this week.

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Tech Tips

01-14-01 DTCS P0171, P119A Lean Fuel Trim Readings Update to information: October 3, 2014.

Model(s)	Year	Eng.Code	Trans.Code
Tiguan, Passat, CC, Jetta, Golf, EOS	2008–2014	All	All

Install a vacuum gauge on the dipstick tube and check crankcase vacuum at idle. Compare to a known good vehicle. If the vacuum reading is lower than the comparison vehicle, visually inspect for oil leaks between the engine and the transmission. Smoke test the crankcase by connecting the EVAP smoke machine to the dipstick tube and inspect for leaks at the rear main seal (this will limit pressure to 2 PSI). DO NOT apply shop air to the dipstick tube or the crankcase. If a rear main seal leak is identified, replace the seal. Once replaced, recheck crankcase vacuum at idle. If low, check for additional oil leaks and verify crankcase breather operation (repairing as necessary). Erase the faults and road test 10 miles to recheck operation.

20-13-01 ECM Fault P1250 "Fuel Level Too Low" Will Not Clear October 10, 2014: Update to model year.

Model(s)	Year	Eng.Code	Trans.Code
All Vehicles except Routan	2000–2014	All	All

To clear static ECM fault P1250 "Fuel Level Too Low", add fuel to vehicle and complete a road test of at least 10 miles. Simply adding fuel without completing a road test may not allow fault to clear.

23-10-02 Fuel Filter Replacement and Prime/Bleed Procedure October 10, 2014: Update to Information.

Model(s)	Year	Eng.Code	Trans.Code
Jetta, Golf, Jetta Sportwagen, Passat	2009–2014	Common Rail TDI	All

When replacing fuel system components on the Common Rail TDI engine (including the fuel filter), the fuel system must be primed. The procedure should be available on most models through Guided Functions. If not shown, then access through Control Module OBD. Run "Basic Settings block 35" three times in a row. This activates the electric fuel pumps and bleeds the fuel system. Once the system has been bled, it will be necessary to start the engine and idle for a minimum of 5

minutes before depressing the gas pedal.

45-06-122 Active Wheel Speed Sensor Diagnosis

October 10, 2014: UPDATED to include additional model year information.

Model(s)	Year	Eng.Code	Trans.Code
Passat	2006–2014	All	All
CC, Tiguan	2009–2014	All	All
Jetta, Golf, GTI	2005–2014	All	All
Eos	2007–2014	All	All
Beetle	2012–2014	All	All

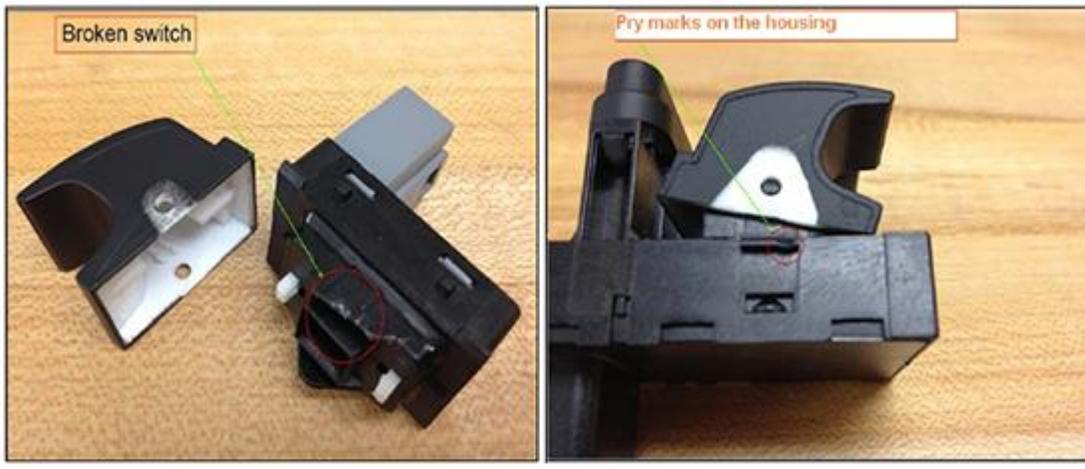
Use the following procedure to diagnose active wheel speed sensor complaints:

1. Disconnect the suspect wheel speed sensor harness end connector.
2. Switch ON the ignition.
3. Connect a multimeter (voltage setting) to both of the pins (one at a time) on the vehicle side of the harness to determine which pin has voltage present.
Note: If voltage is not present from the ABS module, the circuit is open.
4. Use a jumper wire to connect this terminal to the corresponding terminal of the speed sensor.
5. Connect multimeter (milliamps setting) in series with the Ground side of the sensor.
6. Slowly rotate the wheel.
7. Amperage readings should ALTERNATE from ~7mA to ~14mA as wheel rotates.
8. If the amperage readings DO NOT change, the sensor or the bearing inside of the hub is faulty.
9. The digital storage oscilloscope (DSO) function of the VAS 5051b tool can also be used; a properly operating sensor will produce a square wave pattern.

**64-12-02 Window Switch Replacement
October 3, 2014: Update to information.**

Model(s)	Year	Eng.Code	Trans.Code
Jetta	2011-2015	All	All

Be advised that when replacing a window switch on the listed models, make certain that the switch is not damaged during the removal process. It is preferred to use a bone tool to remove the switch from the housing as opposed to a screwdriver, to prevent the risk damage (see examples below). It is also recommended to remove the window switch prior to removal of a door trim panel. This is in order to avoid the weight of the trim damaging the switch or the wire harness. Always check the connections and wiring prior to replacement of the switch.



**91-11-17 Replacement Radio/Navigation Unit has no Sound
October 3, 2014: Update to model year information.**

Model(s)	Year	Eng.Code	Trans.Code
Passat, Jetta, GTI, EOS, Tiguan, Jetta Sportwagen	2009–2014	All	All
Touareg with RNS 510	2009–2010	All	All

Replacement RNS 510 radio/navigation units may be shipped in transportation safeguard mode and therefore will have no sound output. In order to switch the unit out of this mode, hold down the forward seek button, the back seek button, and the music button at the same time until the unit shuts down. Once the unit is powered back 'ON' the safeguard mode will be deactivated.



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Campaigns

No new campaigns this week.

Updates

45D7 - TPMS/ESC Software (NVLW)

NOTE:

- Perform this UPDATE on all applicable vehicles within New Vehicle Limited Warranty.
- It is MANDATORY to perform UPDATES on all applicable vehicles in dealer inventory PRIOR TO RETAIL SALE.
- Inform customers that this UPDATE will be available free of charge as long as their vehicle is within the Warranty parameters outlined in this UPDATE.

NOTE: Required DMS Wording/Programming Text (SAGA claim comments): UPDATE Code 45D7 TPMS/ESC Software (NVLW)

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Beetle, Beetle Convertible	2014–2015	All	All	Check Elsa to verify vehicle eligibility	Check Elsa to verify vehicle eligibility

This update has been proactively released to prevent illumination of the TPMS and/or ESC light at vehicle start-up and/or under low speed (e.g. <7mph) driving conditions after vehicle start-up. The condition goes away immediately after start up or at speeds greater than 7 mph.

This UPDATE is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 45D7 code in Elsa, Campaign/Action Information screen on the day of repair.
- If the vehicle is sold it must be within the Federal Emissions Warranty.
- Procedure must be performed within the allotted time frame stated in this UPDATE.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

Suggestions

Please send comments or suggestions to: ywoa.workshopinformation@vw.com

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