

<mark>January 18, 2013</mark>

UPDATE – 61B7 – Quality Package (NVLW) UNITED STATES ONLY

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//Text: (line item, customer concern description on repair order): UPDATE 61B7 – Quality Package (NVLW)

Model(s)	Year	Engine Code	Trans. Code	From	То
Beetle Convertible	2013	All	All	3VWAT_CM800257	3VWAT_DM810254
Jetta Hybrid	2013	All	All	3VWAJ_DM200037	3VWAJ_DM259849

REVISION HISTORY				
Revision	Date	Purpose		
1	December 19, 2012	Original publication		
2	January 18, 2013	Added VINs to CRIT 03 to reflect the new production information		

Condition

This update has been proactively released to prevent install the latest available quality countermeasures from production.

This UPDATE is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 61B7 code in ElsaWeb, Campaign/Action Information screen <u>on the day of repair</u>.
- If the vehicle is sold it must be within the NEW VEHICLE LIMITED 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.

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Technical Background

This document addresses up to three (3) concerns on affected vehicles as follows:

- Update software in the convertible top module to improve top function.
- Adaptation to optimize fuel gauge operation.
- Install conductive windshield washer fluid for correct sensor functionality.

Production Solution

Quality improvements currently in production.

Service

NOTE:

- ElsaWeb is the only valid inquiry/verification source. Check ElsaWeb <u>on the day this vehicle UPDATE</u> <u>will be performed</u> to verify vehicle eligibility for the UPDATE. Status must show "open". Attach an ElsaWeb printout showing the "open" status to the repair order.
- If this UPDATE appears to have already been performed but the code still shows open in ElsaWeb, contact Warranty before proceeding further. Another dealer may have recently performed this UPDATE but not yet entered a claim for it in the system.
- ElsaWeb may also show additional open action(s); if so, inform your customer this work can be done while the vehicle is in for this UPDATE.
- Contact the Warranty Helpline if you have any questions.

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Work Procedure:

Section A – Identify Criteria and Check for Open Status



Continue to applicable Section(s)

Criteria	Applicable Work	
	Procedure Section	
01	Section B	
02	Section C	
03	Section D	

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Section B – Convertible Top Module Software

Das Auto.	
Home Campaign UPDATEs Circulars	Technical Guided Fault Technician Owner's Bulletins Finding References Manual and F Maintenance
VW • Workshop Equipment • VAS Te FAQ	ster > Software Beetle Convertible Quality Package 61B7 Update Refer to Service Information for instructions or additional details.
Service Information	Current VAS – PC Software Versions - 11/12/2012
Software	

 Tip: Perform this section <u>only if Criteria</u> <u>01</u> is applicable.
 Note: If Utilizing VW CD Brand 19.20.00 or lower, the <u>VAS Tester must be</u> <u>updated</u> with patch files prior to beginning this software update. The files are located on Service Net

> >>Workshop Equipment >> VAS Tester >> Software >> "Beetle Convertible Quality Package 61B7

Go to Vehicle Self Diagnosis (VSD)

Update"<arrow>.

• Select "26 - Electrical roof actuation"

• Select "003 – Identification"

• Select "003.01 – Identification Master"

Select "Software version"

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• Current software level of convertible top module is displayed.

• If value is "344" Work Complete for Criteria 01.

• If value is lower than "344" Continue Work Procedure.

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Guided Fault Finding	Volkswagen V19.19.00 15/10/2012				
Vehicle System Test 5C - Beetle 2012 > only USA/Canada					
Control units have been interrogated	Cabriolet CBTA 2.5 L Motronic / 125 kW				
15 - Airbag UDS					
17 - Instrument cluster	×				
19 - Diagnostic interface for data bus	×				
25 - Immobilizer	×				
26 - Electronic roof operation UDS	×				
B8 - Electronic roof actuation 2 UDS					
30 - Vehicle positioning system					
37 - Navigation RNS 310					
37 - Navigation RNS 315					
37 - Radio and navigation RNS510					
44 - Steering assistance - electromechanical					
47 - Digital sound system					
47 - Digital sound system (10-channel)					
47 - Digital sound system (10-channe	I) B 🔄				
Operating mode Go to					

- Connect battery charger/maintainer to vehicle to ensure minimum no load voltage of 12.5V to 13.5V is maintained.
- Turn ignition on.
- Connect VAS tester to the vehicle.
- Enter Guided Fault Finding (GFF) and select correct vehicle information to begin control module interrogation.
- After control module interrogation is complete, check to see if "B8 – Electronic roof actuation 2 UDS" <arrow> was interrogated.

Tip: On some models, address word B8 – "Electronic roof operation UDS" <arrow> may not be automatically detected during the GFF scan.

Guided Fault Finding	Volkswage	en	V19.19.00) 15/1	0/201	2
Vehicle System Test	5C - Beetle	e 2012	> only US	A/Can	ada	
Control units have been interrogated	Cabriolet CBTA 2.5	L Motr	onic / 125	kW		
15 - Airbag UDS					√	-
17 - Instrument cluster					 Image: A second s	
19 - Diagnostic interface for data bus					 Image: A second s	
25 - Immobilizer					 Image: A second s	
26 - Electronic roof operation UDS					¥ -	
B8 - Electronic roof actuation 2 UDS			0	-	× -	
30 - Vehicle positioning system	N					
37 - Navigation RNS 310						
37 - Navigation RNS 315						
37 - Radio and navigation RNS510	37 - Radio and navigation RNS510					
44 - Steering assistance - electromechanical						
47 - Digital sound system						
47 - Digital sound system (10-channel)						
47 - Digital sound system (10-channel) B					-
Operating mode Go to	چ ک		13.12.2012 10:41			

- If necessary, manually highlight the "B8 Electronic roof actuation 2 UDS" <arrow> as shown.
- Press the forward arrow to continue.

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Guided Fault Finding			V	Volkswagen V19.19.00 15/10/2012				
Function Test			5	5C - Beetle 2012 > only USA/Canada				
Service42			00	Cabriolet CBTA 2.5 L Motronic / 125 kW				
Enter di	iagnostic	addres	s/measu	ires code	•			
Please	enter th	ne unit d	ode.					
1	2	3	+	A	B	C	D	
	-	`		E	F	G	H	
4	5	6	-		J	K	L	
				M	N	0	P	
7	8	9	14	Q	R	S	T	
	-			U	V	W	X	
С	0		2	Y	Ζ			
382F								
	erating mode		Go to		2		3.12.2012 11:07	

Guided Fault Finding		Volk	swagen		V19.19.00	15/10/2
Function Test		5C - Beetle 2012 > only USA/Ca 2013 (D) Cabriolet CBTA 2.5 L Motronic / 125 kW			VCanad	
Service42					w	
Current installation status						
Data version in the vehicl	e is currer	nt.			Done	
End of test	!					
Operating mode	Go to	4	?		12.12.2012 11:03	

- Select Go to
- Select Function/Component Selection
- Proceed to Software Version Management (SVM) and update both convertible top control modules using SVM code **382F**.

Tip: Both modules are updated by entering this SVM code. It is not necessary to perform two separate updates.

- Follow the test plan until "End of test!" appears.
- Exit GFF and disconnect VAS tester and battery charger from vehicle.
- Work Complete for Criteria 01.

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• If necessary, Continue to applicable Section(s).

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Section C – Fuel Gauge Adaptation

Guided Fault Finding	Volkswagen V19.19.00 15/10/2012				
Function / Component Selection	5C - Beetle 2012 > only USA/Canada				
Select function or component	Cabriolet CBTA 2.5 L Motronic / 125 kW				
+ Chassis + Electrical system int/ext (Repair Group 01; 27; 90-97) + 01 - Self-diagnosis + 17 - Dash panel insert - 1285					
+ 17 - Instrument cluster function	ons				
17 - Adapt fuel gauge (rep g	gr 90)				
17 - Read meas. values instrument cluster (Rep.Gr. 90)					
17 - Replace instrument cluster (Rep.Gr. 90)					
17 - Code instrument cluster (Rep.Gr. 90)					
17 - Reset service interval display (Rep.Gr. 90)					
17 - Adapt service interval (rep gr 90)					
17 - Adapt language variants (Rep.Gr. 90)					
17 - Output DTM instrument cluster (Rep.Gr 90)					
17 - Read out control module information (rep gr 90)					
Operating mode Go to					

i	Tip: Perform this section only if Criteria	
	<u>02</u> is applicable.	

- Connect the VAS tester to the vehicle and switch the ignition on (15 power).
- Select "Guided Fault Finding" and scan the vehicle accordingly.
- Select "Go to"
- Select "Function/component selection".
- Select "Chassis"
- Select "Electrical Systems int/ext"
- Select "01 Self-diagnosis"
- Select "17 Dash Panel Insert J285".
- Select "17 Instrument cluster functions".
- Select "17 Adapt fuel gauge"

V19.19.00 15/10/2012 Guided Fault Finding Volkswagen 5C - Beetle 2012 : 2013 (D) only USA/Canad Function Test Cabriolet CBTA 2.5 L Motronic / 125 kW Adapting fuel gauge Perform adaptation? Adaptation is required for an empty fuel tank. Refer to function description for more information. In case of a complaint about the fuel gauge not working properly in the last section check the fuel tank venting system as well. Now press the DONE button. 14,12,2012 09:13 V19.19.00 15/10/2012 Guided Fault Finding Volkswagen 5C - Beetle 2012 > only USA/Canada Function Test 2013 (D) Adapting fuel gauge Cabriole CBTA 2.5 L Motronic / 125 kW Perform adaptation? Adaptation of the fuel gauge to the sender is carried out in the following steps. First, you have to drain the fuel tank completely (using VAS 1433A) and then add fuel to the reserve level (check literature). Do you need more information? 14.12.2012

Note: These two screens are displayed before entering the test plan. <u>DO</u> <u>NOT</u> drain the fuel tank. Ignore these prompts and continue to the test plan. Fuel level will not affect this adaptation procedure.

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Guided Fault Finding Function Test	Volkswagen V19.19.00 15/10/2012 5C - Beetle 2012 > only USA/Canada 2013 (D)
Adapting fuel gauge	Cabriolet CBTA 2.5 L Motronic / 125 kW
Performing adaptation	
The adaptation has been performed The corrective value for the fuel gas	d correctly. Jge is -3 °
End of test!	
Operating mode Go to	7 14.12.2012 09:19

- Begin the fuel gauge adaptation test plan and follow the on screen prompts.
- The adaptation value begins at +10° and counts down in .5° increments.
- When the value on the screen reaches **-3**° press the forward arrow.
- When this confirmation screen (left) is
- **Tip**: If a value other than **-3**° is displayed here, simply restart the adaptation procedure and set the value to **-3**°. displayed the adaptation is complete.
 - Work Procedure Complete for Criteria 02.
 - If necessary, Continue to applicable Section(s).

Section D – Washer Fluid



Tip: Perform this section <u>only if Criteria</u> 03 is applicable.

- Remove wheel and wheel housing liner according to ElsaWeb repair manual.
- Check wiring harness and connector for washer fluid reservoir sensor (Item 5) to ensure that no obvious damage is present.
- If wiring is ok, drain existing washer fluid and replace with fluid part number (G 052 164 M1 – or equivalent) mixed accordingly.
- Ensure low fluid level indicator lamp is not illuminated.
- Reinstall wheel housing liner and wheel.
- Torque wheel nuts as specified in ElsaWeb repair manual to 140Nm.
- Work Complete for Criteria 03
- If necessary, Continue to applicable Section(s).

WORK IS COMPLETE ONLY AFTER all applicable Criteria have been performed.

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Warranty

Claim Entry Procedure	Enter your claim immediately upon completion of the UPDATE. Claims will only be paid for vehicles that show this UPDATE code open in ElsaWeb on the day of repair. To help ensure prompt and proper payment, attach the screen print to the repair order.
Claim Help	<u>U.S. dealers</u> - Contact the Warranty Helpline toll-free at 1-866-306-8447 for help with claim entry.
Required Customer Notification	Ensure customers are aware of all work performed on the vehicle by recording the information on the repair order.
	Attach a copy of the Vehicle UPDATE Fact Sheet to the customer's copy of the repair order and take the time to explain this UPDATE to your customer.

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Construction of the provided and the pro



SAGA Code 61B7 Claim Entry Procedure						
Check ElsaWeb to confirm that this UPDATE code is open <u>on the day of repair</u> .						
Service No.: 61B7						
Parts Manufacturer/Vendor Code: 3ME						
Sold vehicle = 7 10 Unsold vehicle = 7 90						
Accounting Instructions:						
If Applicable			Vehicles may have more than one criterion. Complete and claim ALL applicable criteria on <u>one</u> claim.			
Criteria I.D. 01						
Check/UPDATE present. No further work required.						
Repair operation: 01	183 00 99	10 TU				
Check/UPDATE not present. Install new software.						
Repair operation: 61	196 25 99	50 TU				
AND/OR If Applica	able					
Criteria I.D. 02						
Adapt fuel gauge.		When claiming washer fluid, use				
Repair operation: 90	025 25 99	30 TU	only the part number & quantity shown below even if an equivalent			
AND/OR If Applic	able	was used.				
Criteria I D 03						
Remove and install new washer fluid			equivalents but the part number			
Repair operation: 92	258 19 99	50 TU	listed must be claimed.			
Quantity	Part Nu	mber	Part Description			
1	G 052 1	64 M1	Washer Fluid			
There is NO reimbursement for wash or loaner vehicle!						
If vehicle is not eligible for repair under this LIPDATE (i.e. totaled status) OR if customer refused						
repairs.						
Fax the Repair Order to VWoA at (248) 754-5093 and provide VIN, applicable Service Number, Customer Information, Dealer Number and Date						

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Required Parts and Tools

Part Description	Part No:	Quantity
Windshield Washer Fluid	G 052 164 M1	1
	(or equivalent)	

When claiming washer fluid, use only the part number & quantity shown <u>even if</u> an equivalent was used. Bulk fluids <u>are acceptable equivalents</u> but the part number listed must be claimed.

Tool Description	Tool No:	Quantity
VAS Tester	VAS 6150A (or equivalent)	1

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

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UPDATE FACT SHEET – UPDATE Code 61B7

Dear Volkswagen Customer,

Today we performed UPDATE code 61B7 on your vehicle. This UPDATE ensures that the latest available quality solutions were installed. This UPDATE was performed for you free of charge.

Volkswagen periodically makes updates like this available in order to ensure our customer's continued satisfaction with the quality of their Volkswagen vehicles.

We at Volkswagen are committed to providing our customers with reliable, quality products that are a pleasure to drive and own. If you should ever have any questions or vehicle concerns, your authorized Volkswagen dealer will be pleased to assist you.

Thank you for driving a Volkswagen!