

### October 28, 2014 97AX UPDATE – BCM 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 97AX – BCM Software (NVLW)

Model(s)	Year	Engine Code	Trans. Code
Golf, GTI	2015	All	All

REVISION HISTORY			
Revision	Date	Purpose	
1	October 28,2014	Original publication	

## Condition

This update has been proactively released to prevent a false bulb failure warning.

This UPDATE is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 97AX code in Elsa, 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.

Page 1 of 9

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## **Technical Background**

Due to an over-sensitive diagnostic routine, the Body Control Module (BCM) may incorrectly detect a short circuit for one front turn signal and deactivate the flasher for one ignition cycle. This issue only occurs during certain unique engine starting sequences and at cold start.

## **Production Solution**

New software implemented into production CW 43/14.

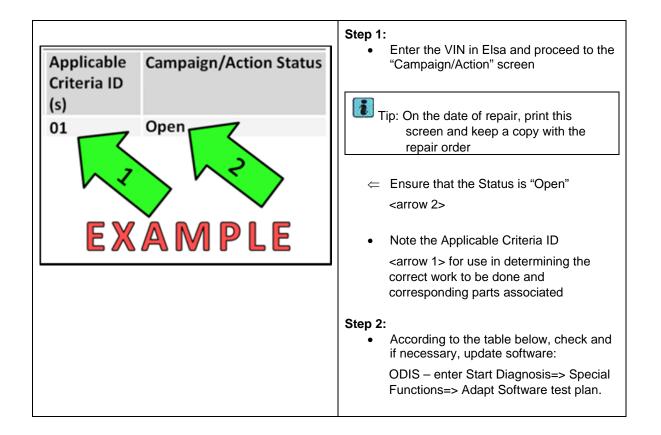
## Service

#### NOTE:

- Elsa is the only valid inquiry/verification source. Check Elsa <u>on the day this vehicle UPDATE will be</u> <u>performed</u> to verify vehicle eligibility for the UPDATE. Status must show "open". Attach an Elsa 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 Elsa, contact Warranty before proceeding further. Another dealer may have recently performed this UPDATE but not yet entered a claim for it in the system.
- Elsa 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 (U.S.) or the Warranty Campaign Specialist (Canada) if you have any questions.

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#### **Update Programming Procedure**

### i Tip:

To Update-Programming using SVM, **review and follow** instructions in **Technical Bulletin Instance 2014603** "Software Version Management".

The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim.

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#### Page 3 of 9

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### Note:

Prior to launching VAS Diagnostic Device application and starting control module update process, confirm tester screen saver and power settings are off.

Failure to do so may result in the tester entering power save mode during data transfer, and subsequent control module failure.

When using any tester in conjunction with a VAS 5054A wireless transmitter head for a flash procedure:

- Connect the tester using an Ethernet "hard line" cable between the tester and the online network. DO NOT USE WI-FI.
- Connect a USB cable between the transmitter head and the tester. Failure to do so may lead to errors during the flash procedure.
- DISABLE BLUETOOTH and ensure that the tester is <u>NOT communicating via</u> <u>Bluetooth</u> as the Bluetooth protocol is not a robust data transfer environment for the flash process. DO NOT USE BLUETOOTH for flashing. Control module failures caused by flashing via Bluetooth <u>will not</u> be covered.

All Volkswagen scan tool devices must only be used with their power adapters plugged in. Under no circumstances should they be used on battery power alone during the programming procedure.

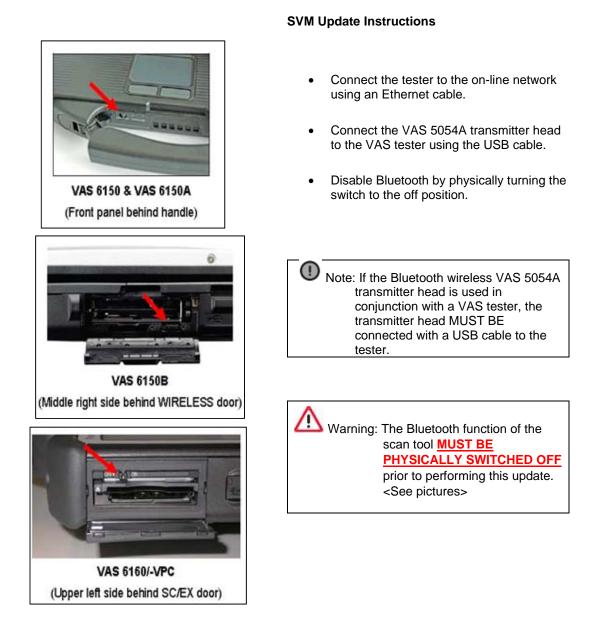
**Critical Warning:** The Midtronics Battery Charger **must** be connected to the vehicle battery for the duration of the programming, to ensure the battery state of charge remains above 12.5 volts during the update process. If the battery drops below 12.5 volts, the programming could fail which may result in damage to the control module.

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Radiator Fan(s) may cycle ON high speed during the Update Process! There is a serious risk that personal injury may result if contact is made with spinning fan blades. Keep hands and all objects away from Radiator Fan(s) during Update Process!

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- 1. Connect battery charger and scan tool to vehicle and navigate to Guided Fault Finding=> Diagnosis=>Special Functions=>Adapting Software=>Perform Test.
- 2. Update the Body Control Module (AW09) using the SVM Unit code as listed in the table below:
- 3. If necessary, refer to instructions in TB, 2014603: 00 Software Version Management (SVM), operating instructions.

Page 5 of 9

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Model	Engine	Old Software Part No.	Old Software Version	New Software Part No.	New Software Version (or higher)	SVM Action Code
Golf, GTI <sup>All</sup>		5Q0937086R		5Q0937086R		
	5Q0937086S	04040405	5Q0937086S			
		5Q0937086T	0104,0105	5Q0937086T		
	5Q0937086AA		5Q0937086AA	0106	3B36	
		5Q0937087M	0102,0103, 0104,0105	5Q0937087M		
		5Q0937087N		5Q0937087N		
		5Q0937087P		5Q0937087P		

4. Exit GFF and send the diagnostic protocol on-line when prompted.

## 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 Elsa on the day of repair. To help ensure prompt and proper payment, attach the screen print to the repair order.	
Claim Help	U.S. dealers - Contact the Warranty Helpline toll-free at 1-866-306-8447 for help w claim entry.	
	<b>Canadian dealers</b> - Contact your Warranty Campaign Specialist. For contact information, please proceed to "ServiceNet – Warranty/Contact Information/Campaigns – "Warranty Campaign Specialist."	
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.	

Page 6 of 9

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Service No.: 97AX		
Damage Code: 0099		
Parts Manufacturer/V	endor Code: W	WO
<u>Claim Type</u> Sold vehicle = 7 10 Unsold vehicle = 7 9	0	
Accounting Instruction	ons	
Criteria I.D. 01		
Check/UPDATE prese	ent. No further w	vork required.
Repair operation: OR	0183 00 99	10 TU
Check/UPDATE need	ed. Perform sof	ftware update.
Repair operation:	9710 25 99	40 TU
	There is NO rein	mbursement for wash or loaner vehicle!

Canadian dealers: Fax the Repair Order to Warranty at (905) 428-4811 and provide VIN, applicable Service Number, Customer Information, Dealer Number and Date.

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# **Required Parts and Tools**

Tool Description	Tool No:
Always ensure the ODIS Service application and brand diagnostic data versions are up-to-date prior to performing SVM.	VAS Diagnostic Device
	InCharge 940 (INC-940)
Midtronics Battery Tester/Charger	or
	GRX3000VAS

# **Additional Information**

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check Elsa for the most current version of this document.

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#### **UPDATE FACT SHEET – UPDATE Code 97AX**

Dear Volkswagen Customer,

Today we performed UPDATE code 97AX on your vehicle. This UPDATE ensures the latest available software is installed in your vehicle, and 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!