



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Beetle, Beetle Convertible	2014	All	All	All	All

Condition

90 14 01 July 17, 2014 2037607

Erratic Oil Temperature Gauge

The oil temperature gauge in the auxiliary instrument cluster (“additional instruments”) and/or the oil temperature display in the instrument cluster MFI operate erratically

Technical Background

The signal from the oil temperature sensor, which is directly connected to the instrument cluster, is not properly interpreted by the instrument cluster due to a difference in the timing processing of the signal.

Production Solution

Improved software introduced into production for model year 2015.

Service

Update-Programming Procedure:



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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! Note:

Prior to launching the VAS-PC and ODIS service diagnostic applications and starting control module update process, confirm tester screen saver and power settings in accordance with Special Tools and Equipment - Service Information Circular # VVT-12-02. Failure to do so may result in the tester entering power save mode during data transfer, and subsequent control module failure.

When using a VAS 6150/5051B or VAS 5052A tester in conjunction with a VAS 5054A wireless transmitter head for a flash procedure, please connect a USB cable between the transmitter head and the tester. Failure to do so may lead to errors during the flash procedure.

VAS tools 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. Control modules damaged by inadequate voltage will not be covered under the warranty policy. The technician should verify the vehicle voltage prior to starting the update process, and should monitor the voltage for the duration of the update.

- Update the Instrument Cluster using the SVM Unit code as listed in the table below:

Part Number	Old Software	New Software	SVM Unit Code
5C5920870H	0204	0206	3AAE
5C5920970Q	0204	0206	3AAE
5C5920970P	0204	0206	3AAE
5C5920860H	0204	0205	3AAE
5C5920950Q	0204	0205	3AAE
5C5920950P	0204	0205	3AAE

The procedure can be found in GFF under the Special Functions tab, Adapting software.



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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
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SAGA Coding					
Claim Type:			Use applicable Claim Type ¹⁾		
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
9025	0039	--		Use applicable when indicated in ElsaWeb (L/R)	
Parts Manufacturer		Beetle, Beetle Convertible		3ME ²⁾	
Labor Operation ³⁾ : Charge Battery			27068950 = 10 TU		
Labor Operation ³⁾ : Update Instrument cluster software using SVM			Programming included in GFF time expenditure		
Causal Part:			01500000		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 30 TU max.		YES		
Road Test	01210002 = 00 TU 01210004 = 00 TU		NO		
Technical Diagnosis	01320000 = 00 TU max.		NO		
Claim Comment: Input "As per Technical Bulletin 2037607" in comment section of Warranty Claim.					
¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only					



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- ²⁾ Code per warranty vendor code policy.
- ³⁾ Labor Time Units (TUs) are subject to change with ELSA updates.
- ⁴⁾ Documentation required per Warranty Policies and Procedures Manual.

Required Parts and Tools

No Special Parts required.

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)
VAS Diagnostic Tool	VAS 5051B, VAS 5052A, VAS 6150/X & VAS 6160/X with: ODIS Service 2.0.0 or higher with current online updates

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.