

Technical Bulletin



Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Beetle	2012	All	All	AT_CM600027	AT_CM666413

Condition

90 12 03 November 27, 2012 2031839

Fuel Gauge Does Not Read Full after Maximum Refueling

Technical Background

Fuel gauge may display 1 to 2 bars under the full mark after maximum refueling.

Production Solution

Adaptation value change from -10 to -3 after calendar week 43.

Service

Reset the fuel gauge adaptation value from -10 to -3 using the following procedure.



Note:

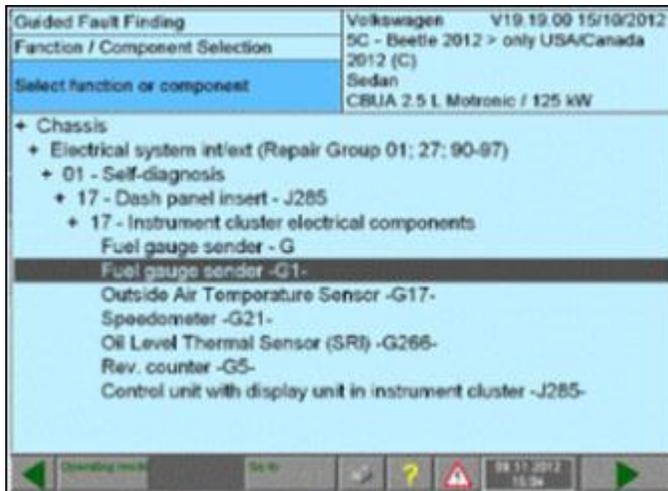
Some procedural steps of the following test plan will be bypassed to get to the fuel gauge adaptation process.

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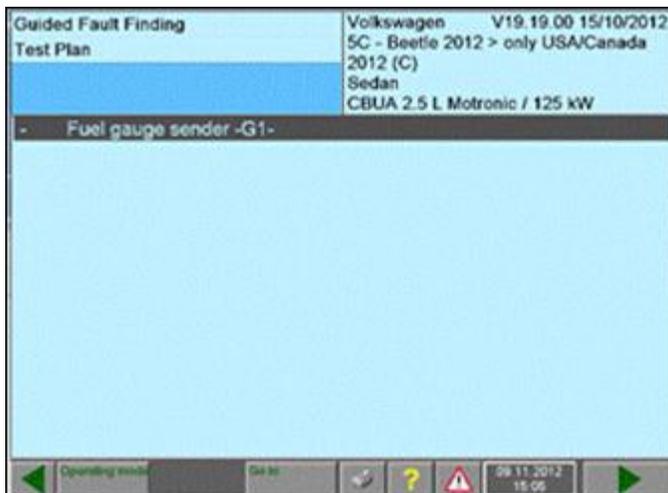


Procedure:

- Connect VAS-PC.
- Select Guided Fault Finding.

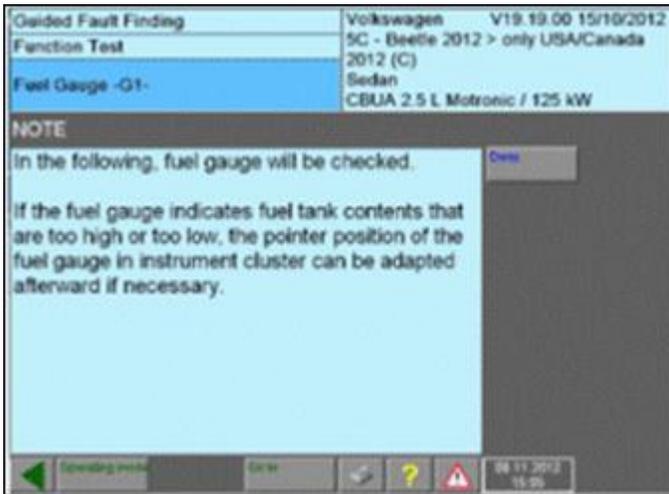


- Identify the vehicle. Select forward arrow.
- Go to Function / Component.
- Select Chassis.
- Select Electrical Systems int/ext.
- Select 01 Self-diagnosis.
- Select 17 Dash panel insert – J285.
- Select 17 Instrument cluster electrical components.
- Select Fuel gauge sender –G1-, Select forward arrow.

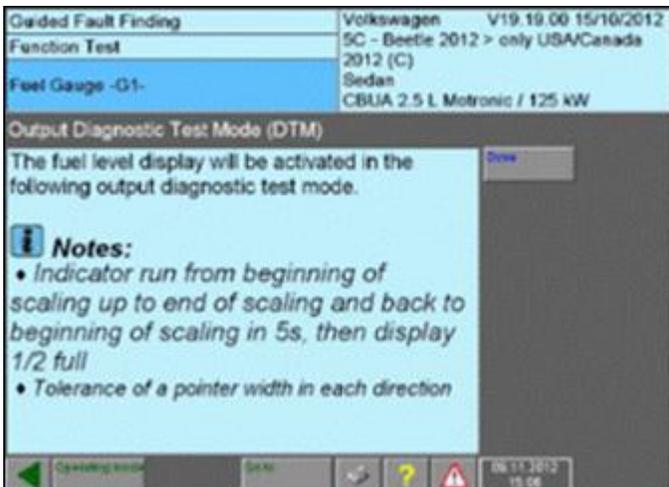


- Click on Fuel gauge sender –G1-.
- Select forward arrow.

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- Select Done.

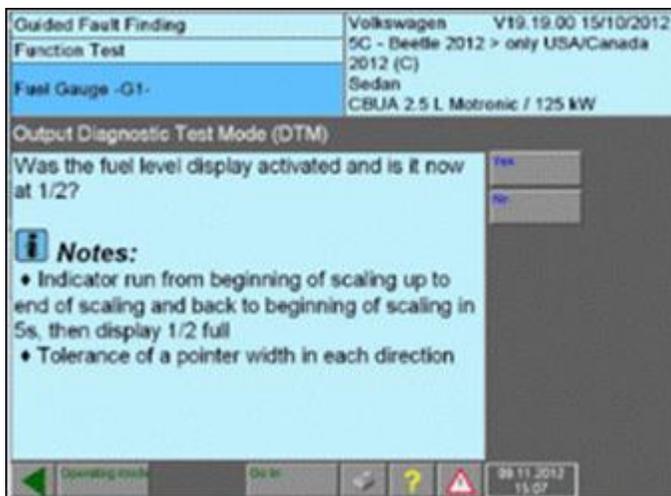


- Select Done.

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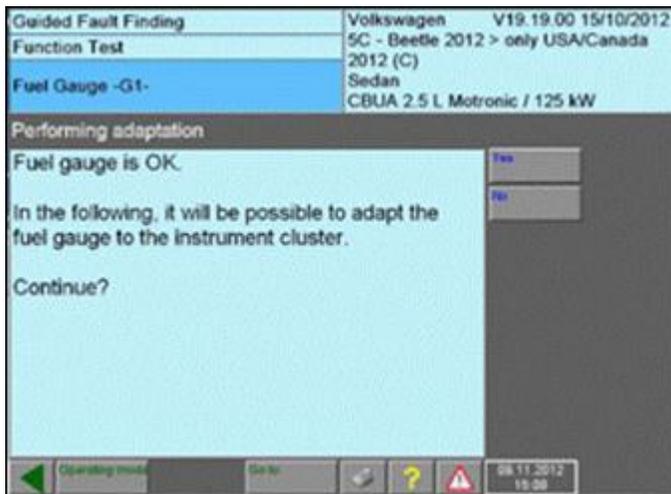


- Switch on ignition.

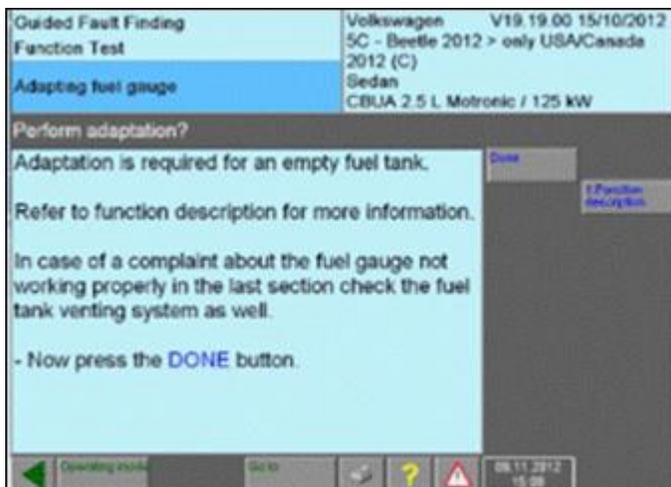


- Select Yes.

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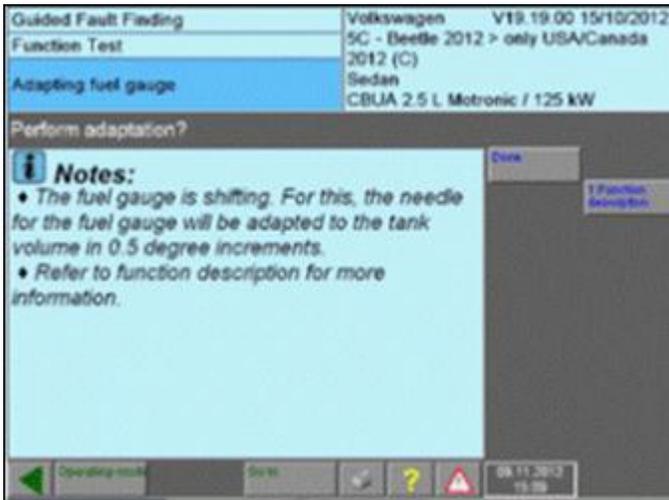


- Select Yes.

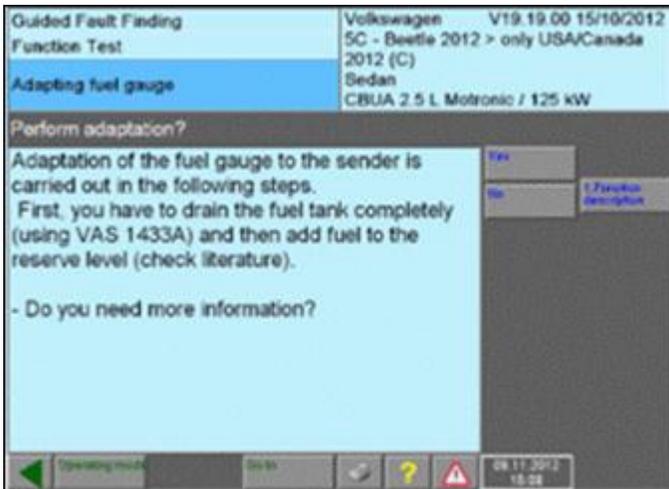


-  **Note:** Ignore instruction to drain fuel tank.
- Select Done.

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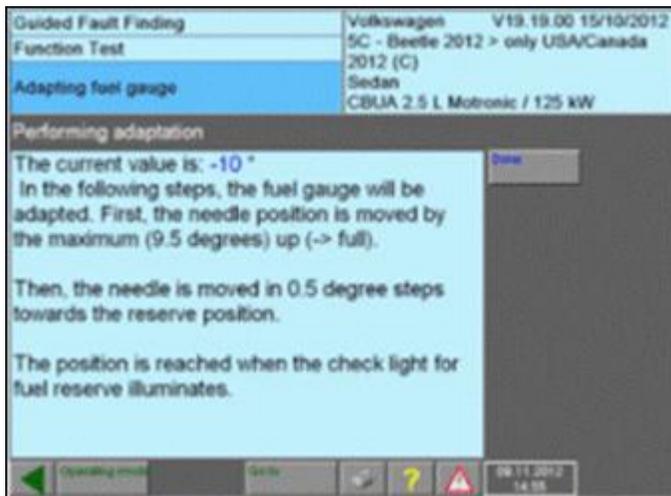


- Select Done.



- **Note:**
- Ignore instruction to drain fuel tank.
- Select No.

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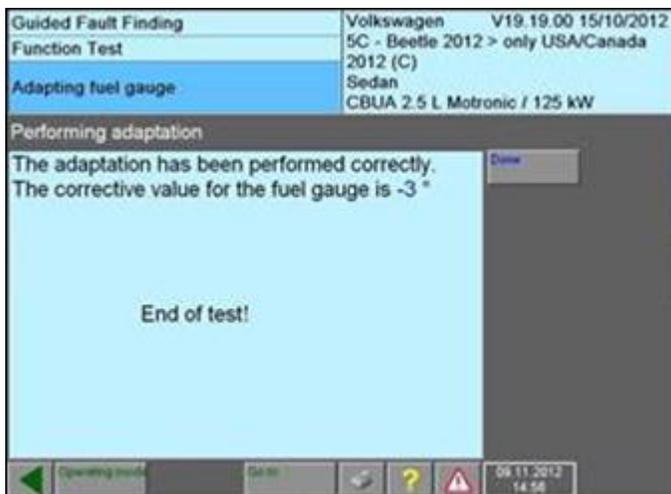


- Observe current value, -10 degrees and select Done.



Tip:

By selecting done, this starts counting down the adaptation value starting at 10 degrees to -10 degrees, by .5 degree increments.



- Select the forward arrow when the corrective value for the fuel gauge is -3.
- Select Done.

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- Select Done.
- Exit GFF.

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
Beetle	2012	All	All	AT_CM600027	AT_CM666413
SAGA Coding					
Claim Type:			Use applicable Claim Type ¹⁾		
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)		
9025	0055	--	Use applicable when indicated in ElsaWeb (L/R)		
Parts Manufacturer		Beetle		3ME ²⁾	
Causal Part: Select Labor Operation			01500000		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 30 TU max.			YES	
Road Test	01210002 01210004			NO	
Technical Diagnosis	0132xxxx = 00 TU max.			NO	

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Claim Comment: Input “As per Technical Bulletin 2031839” in comment section of Warranty Claim.

- 1) **Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only**
- 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-PC, 5051B, 5052A, 6150X (Base CD V19.01.00 and Brand DVD V19.18.00 or higher)

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.