



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Tiguan	2013-2014	2.0L (CCTA)	All	All	All

Condition

97 14 02 May 1, 2014 2037108

MIL ON, DTC P0236 Turbocharger Boost Sensor (A) Circ. Range Performance Stored in ECM Fault Memory

DTC	Description
P0236	Turbocharger Boost Sensor (A) Circ. Range Performance

Technical Background

Increased resistance at the pins of the T14 connector in the engine wiring harness, causing fault code P0236 Turbocharger Boost Sensor (A) Circ. Range Performance.

Production Solution

Optimized crimping of the engine wiring harness to avoid circuit faults.

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Service



Note:

Read the entire technical bulletin before performing any repairs.

Wiring Harness and Connector Repairs, General Information



Note:

Observe general note for repairs of vehicle electrical system; see Repair Group 97 in Elsa.

DO NOT solder repairs on vehicle electrical system.

DO NOT repair crimp connectors.

After crimping a repair connection, the crimp connection must be heat shrunk using a hot air gun to prevent moisture penetration.



WARNING:

The steps above must be completed to ensure safety during repair.

Procedure

- Switch Ignition OFF.
- Disconnect battery ground (GND) cable, see Repair Manual Group 27 in Elsa.



WARNING:

The steps above must be completed to ensure safety during repair.



Tip:

Use the applicable repair manual in Elsa in addition to the description below.

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- Locate the T14 connector in front of the air box, behind the left front headlight. Wiring repair to be performed on the engine harness side (male pin side) (figure 1).



Figure 1

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- Remove the air box to gain access to make the wiring repair (figure 2).



Figure 2

- Locate pins 12, 13 and 14 within the T14 connector.
- Using the VAS 1978 Wiring Harness Repair Kit, remove and replace pins 12, 13 and 14, 23cm (9 in.) behind the wiring harness end connector.



Tip:

Reference SSP 871003 or VAS 1978 Wiring Kit Instruction Booklet for information on how to properly make wiring repairs per Volkswagen specification.



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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
Tiguan	2013-2014	2.0L (CCTA)	All	All	All
SAGA Coding					
Claim Type:			Use applicable Claim Type ¹⁾		
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)		
9752	0024	--	Use applicable when indicated in ElsaWeb (L/R)		
Parts Manufacturer	Tiguan		WWO ²⁾		
Labor Operation ³⁾ : Remove and Install Air Box		24251940 = 40 TU			
Labor Operation ³⁾ : Repair Wiring Harness		97094153 = 50 TU			
Causal Part: Select Labor Operation		97094153			
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 30 TU max.		YES		
Road Test	01210002 = 00 TU 01210004 = 10 TU		YES		
Technical Diagnosis	01320000 = 00 TU max.		NO		
Claim Comment: Input "As per Technical Bulletin 2037108" 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.					



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Required Parts and Tools

No special parts required.

Tool Description	Tool No:
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
Strip Pliers	VAS 1978/3
Crimp Pliers	VAS 1978/1-2 and VAS 1978/1-1
Hot Air Gun	VAS 1978/15
Wiring Harness Repair Kit	VAS 1978

Part Description	Part No:	Quantity
Wire with Pins	000 979 020 A	2
Connector with Shrink Tube	000 979 940	3

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.