

## Condition

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Golf	2015 - 2018	1.8T	All	All	All
GTI	2015 - 2021	2.0T	All	All	All
Golf R	2015 - 2019	2.0T	All	All	All
Golf Sportwagen / Alltrack	2015 - 2019	1.8T	All	All	All
Jetta GLI	2019 - 2024	2.0T	All	All	All
Arteon	2019 - 2021	2.0T	All	All	All
Atlas	2018 - 2023	2.0T	All	All	All
Atlas Cross Sport	2020 - 2023	2.0T	All	All	All

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2077251/1	03/20/2025	21-25-01	Original publication

One or more of the following fault code(s) must be stored in the ECM:

DTC	Description
P2563	Turbocharger Boost Control Position Sensor Circuit Range/Performance
P00AF	Turbocharger/Supercharger Boost Control "A" Module Performance

 <b>NOTICE</b>
<b>DTC P2563 must have symptom code 14846 for this TSB to be applicable!</b>

## Technical Background

Not applicable

## Production Solution

Not applicable

## Service

### With Turbocharger installed

#### 1. Check wastegate adjustment on turbocharger for accessibility/ease of movement:

- Check wastegate adjustment on turbocharger (see illustration 1, red circle) for stiffness/secure fit:
  - If the wastegate adjustment moves easily, this TSB does not apply and further diagnosis is needed.
  - If the wastegate adjustment is not easily moved, continue with step 2.



**Illustration 1) wastegate rod (affected area on turbocharger)**

## 2. Try to loosen wastegate adjustment:

### - With turbocharger still installed on vehicle:

Generously spray wastegate adjustment with commercially available rust remover and let sit for at least 30 minutes.

- With the ODIS tester, attempt to perform basic settings for the wastegate adjustment:
  - If the wastegate adjustment basic settings can be performed successfully, apply grease to the clevis on the wastegate adjustment with hot screw paste (part number G 052 112 A3). No further work is necessary, clear the faults and return the vehicle to the customer.
  - If the wastegate adjustment basic settings cannot be performed with the ODIS tester, continue with “With turbocharger removed”.

### - With turbocharger removed:

- Remove the turbocharger according to the instructions found in the repair manual.
- Manually manipulate the wastegate assembly to attempt to free the wastegate adjustment again:
  - If the wastegate adjustment cannot be loosened in this way, continue with step 3.
  - If the wastegate adjustment can be released in this way, apply grease to the clevis on the wastegate adjustment with hot screw paste (part number G 052 112 A3).
- Reinstall the turbocharger according to the instructions found in the repair manual.
- Perform basic settings using the ODIS tester and clear the faults.
- No further work is necessary, the vehicle can be returned to the customer.

## 3. Turbocharger replacement

- If the repairs are unsuccessful, replace the turbocharger according to the repair manual.
- Apply grease to the new clevis on the wastegate adjustment with hot screw paste (part number G 052 112 A3).
- Perform basic settings using the ODIS tester and clear the faults.
- No further work is necessary, the vehicle can be returned to the customer.

## Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Golf	2015 - 2018	1.8T	All	All	All
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Jetta GLI	2019 - 2024	2.0T	All	All	All

Arteon	2019 - 2021	2.0T	All	All	All				
Atlas	2018 - 2023	2.0T	All	All	All				
Atlas Cross Sport	2020 - 2023	2.0T	All	All	All				
<b>SAGA Coding</b>									
<b>Claim Type:</b>		<b>Use applicable Claim Type <sup>1)</sup></b>							
<b>Service Number:</b>	<b>Damage Code</b>		<b>HST</b>	<b>Damage Location (Depends on Service No.)</b>					
2130	0017		--	--					
<b>Parts Manufacturer</b>		Golf, Golf Sportwagen/Alltrack, GTI, Jetta GLI		3ME <sup>(2)</sup>					
		Arteon, Atlas, Atlas Cross Sport, Golf R		WWO <sup>(2)</sup>					
<b>Labor Operation <sup>3)</sup> : Battery Charge</b>			27068950 = See Elsa for latest time units						
<b>Labor Operation <sup>3)</sup> :</b> Remove and Install engine cover			108319XX = see Elsa for latest time units and labor op						
<b>Labor Operation <sup>3)</sup> :</b> Loosen/restore movement of turbocharger linkage			21304199= 20 TU						
<b>Labor Operation <sup>3)</sup> :</b> Remove and Install turbocharger (only if necessary)			213019XX = see Elsa for latest time units and labor op						
<b>Diagnostic Time <sup>4)</sup></b>									
<b>GFF Time expenditure</b>		01500060 = Actual GFF print out		YES					
<b>Road Test</b>		01210004 = 00 TU		NO					
<b>Technical Diagnosis</b>		01320000 = 00 TU max.		NO					
<b>Claim Comment:</b> Input "As per Technical Bulletin 2077251" in comment section of Warranty Claim.									
<sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only. <sup>2)</sup> Code per warranty vendor code policy. <sup>3)</sup> Labor Time Units (TUs) are subject to change with ELSA updates. <sup>4)</sup> Documentation required per Warranty Policies and Procedures Manual.									

## Required Parts and Tools

Part number	Part Description	Quantity
G 052 112 A3	Hot screw paste	1
See ETKA	Turbocharger	1
See ETKA	Necessary one-time use parts	See ETKA

## 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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