



Technical Bulletin

Model	Year(s)	Eng. Code	Trans. Code(s)	VIN Range From	VIN Range To
Jetta Hybrid	2012 - 2015	1.4L (CNLA)	All	All	All

Condition

21 14 07 December 16, 2014 2038978

MIL ON, Turbocharger or Charge Pressure Actuator DTCs Stored in ECM Fault Memory

Customer states the engine lacks performance and the MIL is ON with one or more of the following fault codes:

DTC	Description
P2263	Turbocharger/compressor, system no performance, malfunction
P2562	Position sender for charge pressure regulator, electric fault
P2564	Position sender for charge pressure regulator, signal too small
P334A	Charge pressure regulator, electric fault
P334B	Charge pressure regulator, mechanical fault
P0033	Air recirculation valve for turbocharger, electric fault
P0034	Air recirculation valve for turbocharger, short circuit to earth

Technical Background

Corrosion at the pivot point of the wastegate rod and Charge Pressure Actuator rod can cause the joint to stick or become seized.

Production Solution

As of CW15/14 the turbo is produced with a Charge Pressure Actuator rod with a higher chromium content to decrease corrosion.

Technical Bulletin

Service

Procedure:

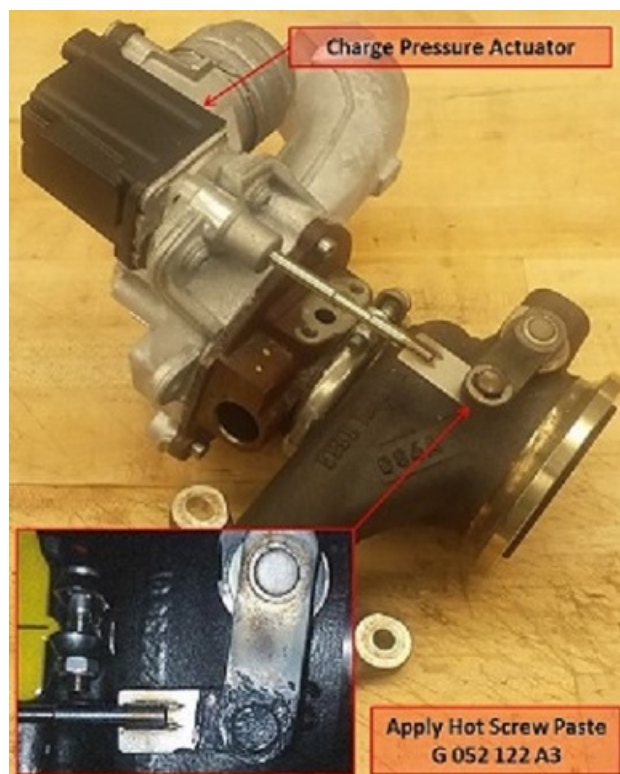
- Perform GFF and the corresponding test plan(s) for the fault code(s) found in the ECM.
- 1. If GFF identifies a part to be faulty other than the Charge Pressure Actuator, this TB does not apply.
- 2. If GFF identifies the Charge Pressure Actuator as the faulty component perform the following procedure.
- Replace the Charge Pressure Actuator (repair kit for control motor) see Repair Manual Group 21, **Charge Pressure Actuator –V465-, Removing and Installing** in ELSA.

Note:

Removal of turbocharger is not necessary to complete this repair.

Turbochargers replaced for these fault codes without GFF instruction will be debited.

- In addition to the installation of the Charge Pressure Actuator, the Charge Pressure Actuator connecting rod to wastegate rod joint needs to be lubricated with Hot Screw Paste (G 052 112 A3).
- After installation of the new Charge Pressure Actuator perform the basic settings per GFF.





Technical Bulletin

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
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Jetta Hybrid	2012 - 2015	1.4L (CNLA)	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
2164	0040	--		Use applicable when indicated in ElsaWeb (L/R)	
Parts Manufacturer	Jetta Hybrid		3ME ²⁾		
Labor Operation ³⁾ : Charge Battery	27068950 = 10 TU				
Labor Operation ³⁾ : Install Repair Kit for Control Motor (includes lubricating connecting rod connections)	21645599 = 50 TU				
Causal Part:	04E 198 725 E				
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 50 TU max.		YES		
Road Test	01210002 = 10 TU 01210004 = 10 TU		YES		
Technical Diagnosis	01320000 = 00 TU max.		NO		
Claim Comment: Input "As per Technical Bulletin 2038978" in comment section of Warranty Claim.					
¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only					



Technical Bulletin

- 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

Part No:	Part Description	Quantity
04E 198 725 E	Repair Kit for Control Motor (Charge Pressure Actuator)	1
G 052112A3	Hot Screw Paste	0.6

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940) or GRX3000VAS
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with: ODIS Service with current online updates
T40265	Chain Tensioner Locking Tool

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.