

# Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
(A5) Jetta	2006 - 2008	2.0L, (BPY)	All	1K_6M000001	1K_8M006349
Eos	2006 - 2008	2.0L (BPY)	All	1F_6V000001	1F_8V003115
Passat, Passat Wagon	2006 - 2008	2.0L (BPY) 3.6L (BLV)	All	3C_6E000001 3C_6P000001	3C_8E008949 3C_8P007918
GTI	2006 - 2008	2.0L (BPY)	All	1K_6W000001	1K_8W001130
Touareg, Touareg 2	2007 - 2008	3.6L (BHK)	All	All	All

## Condition

01 07 69 Dec. 13, 2007 2016182 Supersedes T.B. Group 01 number 07-64 dated Oct. 1, 2007 due to corrected part number in Required Parts and Tools field.

**MIL ON, DTC P129F and or P310B Stored in ECM Fault Memory**

## Technical Background

Due to fuel intrusion into the Low Pressure Side Fuel Pressure Sensor -G410-, a false signal may be sent to the ECM resulting in a reading that is out of tolerance. A false signal may result in illumination of the malfunction indicator lamp (MIL) and **DTC P129F** or **DTC P310B** being stored in fault memory.

## Production Solution

Improved fuel pressure sensor -G410- to aid against fuel intrusion.

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## Service



### Note:

**DO NOT** replace fuel system components for DTCs listed above before completing this technical bulletin.

For 2.0T (BPY) and 3.6L (BLV, BHK) FSI engines:

1. Check to ensure:
  - **DTC P129F** and/or **P310B** are stored in DTC memory.
  - No other fuel delivery system DTCs that clearly indicate a component failure (DTCs for fuel delivery system component electrical faults) are present.
2. Start engine and allow it to idle.
3. Disconnect fuel metering valve connector -N276- on high pressure fuel pump.
4. Compare fuel pressure values from MVB 103 field 1 and MVB 106 field 1.
5. If MVB 103 value deviates more than  $\pm 0.5$  bar (7.25 psi) from MVB 106 measurement, then DTC was likely triggered by a faulty -G410- Low Side Fuel Pressure Sensor. In this case, replace -G410- low-side fuel pressure sensor. See Repair Manual Group 24 Multiport Fuel Injection (MFI) in ElsaWeb.
  - a. Clear DTCs and verify concern is resolved.
  - b. Run Basic Settings 103 to adapt system.
  - c. If problem persists, further fuel system diagnosis is required.



### Tip:

**Some technicians may still wish to use a mechanical gauge to check fuel pressure.**

To verify low side fuel pressure, a mechanical fuel pressure gauge may be connected in the engine compartment (figure 1).

- Add 1 bar (14.5 psi) to value obtained from mechanical gauge to calculate adjusted gauge measurement.
- Compare adjusted gauge measurement to value stored in MVB 103 field 1.

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VAG 1318 gauge installed on a 2.0T FSI vehicle.

**Figure 1**



**Tip:**

MVB 103 field 1 value should be approximately 1 bar (14.5 psi) above mechanical gauge reading. This is a normal condition and **does not** indicate a faulty sensor.

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## Sensor Identification



2.0L (BPY) Fuel pressure sensor

Part No. **06E 906 051 J.**

3.6L (BLV, BHK) Fuel pressure sensor

Part No. 03C 906 051A.

Figure 2

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## 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
(A5) Jetta	2006 - 2008	2.0L, (BPY)	All	1K_6M000001	1K_8M006349
Eos	2006 - 2008	2.0L (BPY)	All	1F_6V000001	1F_8V003115
Passat, Passat Wagon	2006 - 2008	2.0L (BPY) 3.6L (BLV)	All	3C_6E000001 3C_6P000001	3C_8E008949 3C_8P007918
GTI	2006 - 2008	2.0L (BPY)	All	1K_6W000001	1K_8W001130
Touareg, Touareg 2	2007 - 2008	3.6L (BHK)	All	All	All
Claim Type:		Use applicable Claim Type <sup>1)</sup>			
<b>SAGA Coding</b>					
Service Number:	Damage Code	Damage Location (Depends on Service No.)	Parts Manufacturer (removed part)		
2409	0040	Use applicable when indicated in ElsaWeb (L/R)	_ _ _ <sup>2)</sup>		
Labor Operation <sup>3)</sup> : Replace Fuel Pressure Sender (All Models)		2409xxxx = use applicable labor operations for specific model & engine in Elsa web  Low pressure (when applies)			
<b>Diagnostic Time <sup>4)</sup></b>					
GFF Time expenditure		01500000 = (actual print out time)		YES	
Road Test		01210002 & 01210004		NO	

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Technical Diagnosis	0132xxxx = XX TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2016182" 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 Policy & Procedures Manual.		

## Required Parts and Tools

Part Number	Part Description	Quantity
06E 906 051 J	Thrust sensor (all 2.0L T)	1
03C 906 051A	Thrust sensor (3.6L BLV, BHK)	1

Tool Description	Tool No:
VAS Diagnostic Tool	VAS 5051 / 5052

## Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.