

Technical Service Bulletin



01 MIL on, DTC(s) faults P2452, P2453, P2454, P2456, and/or P2002 are stored in the ECM fault memory

01 13 00 2030292/3 May 20, 2013. Supersedes Technical Service Bulletin Group 26 number 12-14 dated August 31, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7 TDI	2009-2011	All	All in North American market

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Technical Background</i> (Added production date of affected parts) Revised <i>Service</i> (Added image) Revised header data (Revised applicable model years, customer codes, DTCs)
2	8/31/2012	Revised <i>Warranty</i> (Updated test drive allowance) Revised <i>Service</i> (Updated Repair Group number)
1	7/24/2012	Original publication

- MIL on.
- One of the following DTCs is stored in the engine control module (ECM), J623 (address word 01):
 - **DTC P2452:** Diesel Particulate Filter Differential Pressure Sensor Circuit
 - **DTC P2453:** Diesel Particulate Filter Differential Pressure Sensor Circuit Range/Performance
 - **DTC P2454:** Diesel Particulate Filter Differential Pressure Sensor Circuit Low
 - **DTC P2456:** Diesel Particulate Filter Pressure Sensor "A" Circuit Intermittent/Erratic
 - **DTC P2002:** Particulate Trap Bank 1 Efficiency Below Threshold

Technical Background

Moisture ingress due to inadequate internal sealing of some differential pressure sensors (G505) causes electronic failure of the sensors. Part analysis shows that this condition only affects parts that were produced on or before March 29, 2011.

Production Solution

Improved internal sealing of differential pressure sensor beginning with model year 2012.

Service

1. Confirm that one or more of the DTCs listed in the *Condition* section of this bulletin is stored in the ECM fault memory.
2. Confirm that the date code on the sensor is 110329 (year, month, day) or earlier (Figure 1).



Figure 1. Date code on sensor in year, month, day format (example shows March 29, 2011).

3. Follow Guided Fault Finding and replace the differential pressure sensor (**059906051A**), if instructed. Follow instructions in ElsaWeb Repair Manual, Group 23.



Note:

Unless sensor replacement fails to resolve customer concern, there is no need to call the Technical Assistance Center (TAC).

Technical Service Bulletin



Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2675		
Damage Code:	0040		
Labor Operations:	Differential pressure sensor remove+reinstall	2675 1935	40 TU
Diagnostic Time:	GFF	0150 0000	20 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2030292/3		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Part Number	Part Description	Quantity
059906051A	G505 differential pressure sensor	1

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.