

# Technical Service Bulletin



## 01 MIL on and/or glow plug light on (DTC P200200 and P246300)

01 15 44 2041944/1 September 24, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8 Q5	2014 - 2015	All	TDI clean diesel

## Condition

- MIL on and/or glow plug light on.
- Both of the following DTCs are stored in the engine control module (ECM), J623 (address word 01):
  - DTC P200200** (Particulate Trap Bank 1 Efficiency Below Threshold)
  - DTC P246300** (Diesel particulate filter (DPF) - Soot accumulation)
- No relevant component or electrical problems are found when Guided Fault Finding (GFF) is run on the stored fault codes.
- Cars exhibiting the issue outlined in this TSB will also show the following pattern in the DTC *expanded ambient conditions* under the P200200 fault code (Figure 1):
  - Particle filter, soot mass measured value above 40 g.
  - Particle filter, soot mass calculated value approximately 30 g.
  - Particle filter, kilometers since last regeneration value above 500,000 m.

DTC memory entry	
Number :	P200200: Particulate Trap Bank 1 Efficiency Below Threshold
Error type 2 :	active/static
Symptom :	5189
Status :	00101111
<input checked="" type="checkbox"/> Standard ambient conditions:	
<input type="checkbox"/> Expanded ambient conditions:	
Engine speed	1317.0 1/min
Normed load value	61.56863 %
Vehicle speed	97 km/h
Coolant temperature	68 °C
Intake air temperature	21 °C
Ambient air pressure	1010 mbar
Voltage terminal 30	14.32 V
Dynamic environmental data	20 96 28 13 3A 0B 58 10 F1 00 02 11 4E 14 0B 11 4F 0C FE 11 56 00 0A 39 3C 13 7C 00 00
Unlearning counter according OBD	40
Env T t	17.26 °C
Particle filter, offset for differential press.	2 hPa
Particle filter, soot mass measured	51.31 g
Particle filter, soot mass calculated	33.26 g
Particle filter, kilometers since last regeneration	670012 m
Particle filter field regeneration, cancel conditions	0 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0)

Figure 1. Example of ambient conditions that meet TSB criteria.

## Technical Background

The current ECM software does not accurately detect a momentary rise in DPF backpressure, resulting in a soot overload fault.

## Production Solution

Improved software with optimized OBD diagnostics.

## Service

Do not replace any parts for these fault codes unless directed to do so by GFF. Do not contact the Technical Assistance Center (TAC) unless the problem persists after the software update or if there is a problem with the SVM process.

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the engine control module using the SVM action code as listed in the table below, if necessary.
3. If fault code still remains after software flash, work through the appropriate GFF test instructions (not covered under this TSB). This new software does not erase old faults; it only prevents the faults from occurring again.

Model	Engine	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
Q5	CPNB	8K5907401J	< 0005	8K5907401J	0005	01A209
Q5	CPNB	8K5907401S	*	8K5907401AC	0002	01A209
A6,A7	CPNB	4G0907401N	< 0005	4G0907401N	0005	01A209
A6,A7	CPNB	4G0907401T	*	4G0907401AA	0002	01A209
A8	CPNA	4H0907401F	< 0009	4H0907401F	0009	01A209
A8	CPNB	4H0907401K	*	4H0907401N	0002	01A209

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## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	2360		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	Perform software update with SVM	2360 2599	50 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 80 TU)
	Road test prior to service procedure	No allowance	0 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)		
<b>Claim Comment:</b>	As per TSB #2041944/1		

## Additional Information

All parts and service references provided in this TSB (2041944) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.