



Technical Service Bulletin

01 MIL on, DTC P243600 and/or P243700 stored in ECM

01 19 97 2049142/4 January 2, 2019. Supersedes Technical Service Bulletin Group 01 number 18-65 dated April 19, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8, R8 Spyder	2017	000001 - 905000	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised <i>Service</i> (Updated Step 2 and Figure 1) Revised <i>Warranty</i> (Updated Labor Operations)
3	04/19/2018	Revised header data (Corrected Elsa display issue)
2	03/02/2018	Revised <i>Required Parts and Tools</i> (Updated part number)

Customer statement:

- MIL on.

Workshop findings:

One or more of the following DTCs is logged in the engine control module (ECM), J623 (address word 0001):

- **DTC P243600** (Secondary Air Injection System Air Flow/Pressure Bank 2 Sensor Circuit Range/Performance)

And/or

- **DTC P243700** (Secondary Air Injection System Air Flow/Pressure Bank 2 Sensor Circuit Low)

According to the Guided Fault Finding, the differential pressure sensor Bank 2 (G610) has to be replaced.

Technical Background

Not applicable.

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Production Solution

Not applicable.

Service

1. Replace the Differential pressure sensor Bank 2 (G610) according to the Repair Manual, *Engine >> 24 Multiport fuel injection >> air filter housing, removing and installing >> 26 Exhaust System>Secondary Air System >> Combination valve, removing and installing >> Secondary air injection sensor G609/G610, removing and installing.*

2. Then add the insulation (Figure 1, number 37 and 38) on the pressure sensor Bank 2.

At the end of the repair the pressure sensor and the combination valve should have the insulation on both banks (Figure 1, number 37 and 38). See Figure 2 for an example of installed insulation.

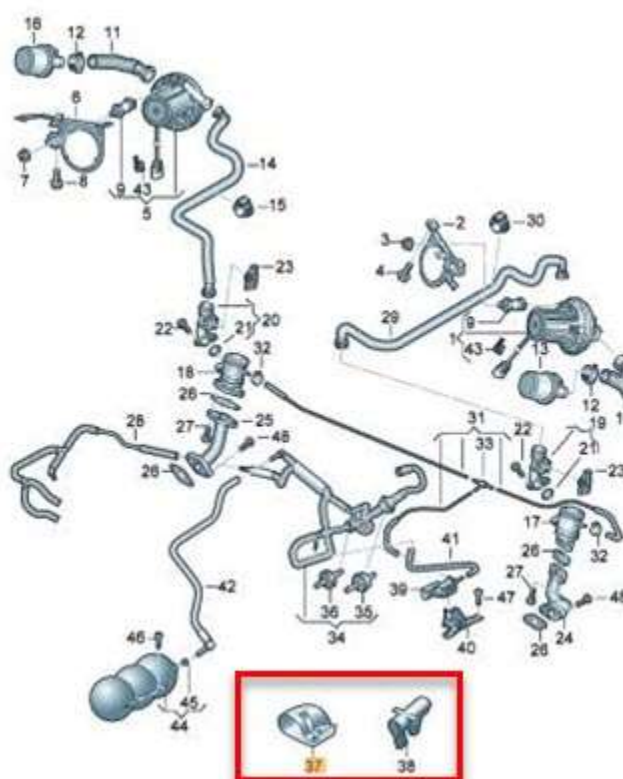


Figure 1. Replace the sender.



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Figure 2. *Insulation on Bank 2 pressure sensor after installation.*



Tip: It is not necessary to receive a Repair Authorization to perform this or any other R8 TSB.

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2675		
Damage Code:	0040		
Labor Operations:	Differential pressure sensor Bank 2 remove + reinstall	2675 1973	See SRT
	Air cleaner remove + reinstall Bank 2 (Coupe)	2425 1901	See SRT



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	Air cleaner remove + reinstall Bank 2 (Spyder)	2425 1902	See SRT
	Install insulation wrap on pressure sensor Bank 2	2675 2499	20 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 20 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2049142/4		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
06L906052	Differential pressure sensor	01
079133105B	Heat insulation for Differential pressure sensor Bank 2	01
See ETKA	Fasteners, Bolts, Nuts and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (2049142) are subject to change and/or removal.

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