



Technical Service Bulletin

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

01 18 56 2049142/2 March 2, 2018. Supersedes Technical Service Bulletin Group 01 number 17-40 dated October 23, 2017 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 |
| 2 | - | Revised <i>Required Parts and Tools</i> (Updated part number) |
| 1 | 10/23/2017 | Initial publication |

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.

Production Solution

Not applicable.



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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) 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 2).

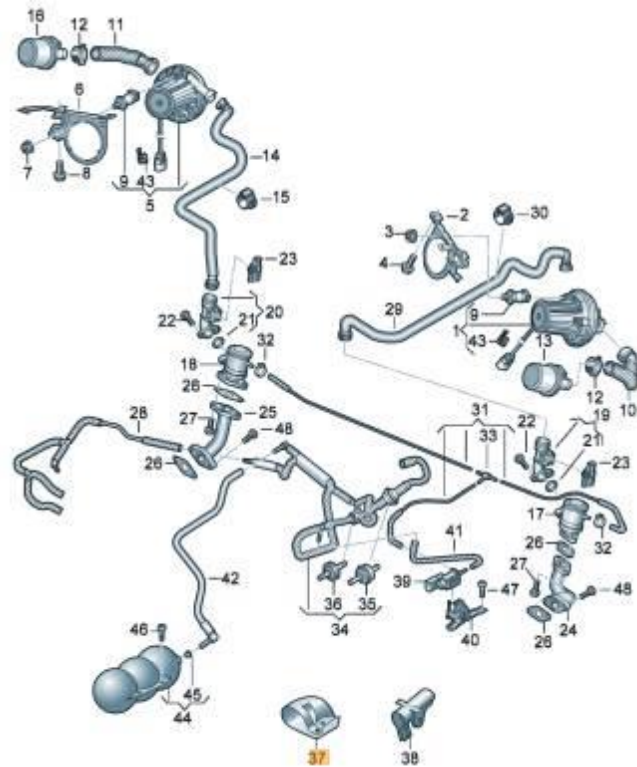


Figure 1. Replace the sender.



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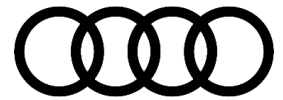
Figure 2. Insulation on Bank 2 pressure sensor after installation.



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

Warranty

| | |
|------------------------|---|
| Claim Type: | <ul style="list-style-type: none">• 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 |



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| | | | |
|--------------------------|--|--------------|--|
| Labor Operations: | Differential pressure sensor Bank 2 remove + reinstall | 2675 1973 | 10 TU |
| | Air cleaner remove + reinstall Bank 2 (Coupe) | 2425 1901 | 60 TU |
| | Air cleaner remove + reinstall Bank 2 (Spyder) | 2425 1902 | 70 TU |
| | 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 #2049142/2 | | |

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 |
|---------------|---|----------|
| 06L 906 052 | Differential pressure sensor | 01 |
| 079 133 105 B | Heat insulation for Differential pressure sensor Bank 2 | 01 |

Additional Information

All parts and service references provided in this TSB (2049142) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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