



# 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)<br>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.



# Technical Service Bulletin

## Production Solution

Not applicable.

## Service

1. Replace the Differential pressure sensor Bank 2 (G610) according to the Repair Manual, *Engine >> 24 Multipoint 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.

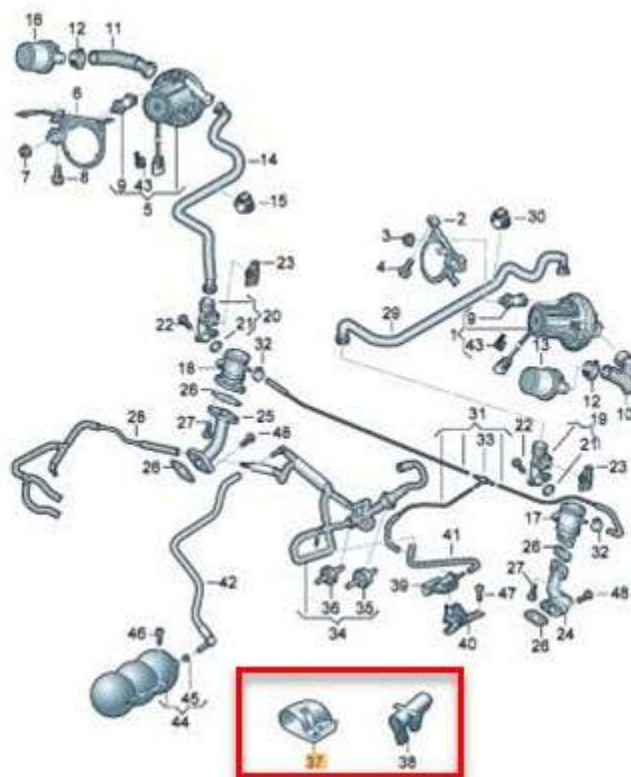


Figure 1. Replace the sender.



# Technical Service Bulletin



**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

|                          |   |           |         |
|--------------------------|---|-----------|---------|
| <b>Claim Type:</b>       | <ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul> |           |         |
| <b>Service Number:</b>   | 2675  |           |         |
| <b>Damage Code:</b>      | 0040  |           |         |
| <b>Labor Operations:</b> | Differential pressure sensor Bank 2 remove + reinstall  | 2675 1973 | See SRT |
|                          | Air cleaner remove + reinstall Bank 2 (Coupe)   | 2425 1901 | See SRT |



# Technical Service Bulletin

|                         |   |              |  |
|-------------------------|---|--------------|--|
|                         | Air cleaner remove + reinstall Bank 2 (Spyder)    | 2425 1902    | See SRT  |
|                         | Install insulation wrap on pressure sensor Bank 2 | 2675 2499    | 20 TU  |
| <b>Diagnostic Time:</b> | 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  |
| <b>Claim Comment:</b>   | 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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