



# Technical Service Bulletin

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**44 TPMS message in the instrument cluster or the TPMS light is on, DTC U012700 is stored in the data bus control module**

44 21 85 2065474/1 December 9, 2021.

| Model(s)   | Year        | VIN Range | Vehicle-Specific Equipment |
|------------|-------------|-----------|----------------------------|
| A6, S7     | 2019 - 2022 | All       | Direct TPMS system         |
| RS 6, RS 7 | 2020 - 2022 | All       | Direct TPMS system         |

## Condition

### Customer states:

- The tire pressure monitoring system (TPMS) warning light is on.

### Workshop findings:

- The customer concern can be reproduced.

### And

- The tire pressure monitoring system control module, J502 (address code 0065) cannot be reached with diagnostic tester.

The following DTC may be stored in the data bus on board diagnostic interface, J533 (address code 0019) as active/static:

- **DTC U012700** (Tire Pressure Monitoring Control Module - no communication) with symptom code 131595.

## Technical Background

According to ambient conditions, moisture can enter the control module via the pressure equalization element; this leads to failure of the control module.

## Production Solution

This bulletin will be updated when more information is available. A solution is currently under development.

## Service

1. Check the wiring and pins in the connector for damage and measure the voltage supply at the tire pressure monitoring system control module, J502 (address code 0065).



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2. If no irregularities can be detected:
  - Replace the tire pressure monitoring system control module, J502 (address code 0065) and also fit with the new bracket, part number **4E0 810 675 C** (Figures 1 - 2).



**Figure 1.** Installation location with standard bracket 4K0 907 249 A.



**Figure 2.** Installation location with new bracket 4E0 810 675 C.

3. Make sure that the wiring is routed correctly at the bracket and connector.



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**Tip:** It is important for the wiring to be routed straight into the connector housing to ensure the correct sealing of the wiring.

4. Test the system to ensure all pressures are being properly read.

## 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 the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul> |              |                                                    |
| <b>Service Number:</b>   | 4434                                                                                                                                                                                                                                                |              |                                                    |
| <b>Damage Code:</b>      | 0040                                                                                                                                                                                                                                                |              |                                                    |
| <b>Labor Operations:</b> | Remove and install Tire Pressure Monitoring System control module                                                                                                                                                                                   | 4434 1900    | See SRT with associated operations                 |
|                          | Check Tire Pressure Monitoring System control module                                                                                                                                                                                                | 4434 0199    | 10 TU                                              |
|                          | Repair Tire Pressure Monitoring System control module                                                                                                                                                                                               | 4434 4199    | 10 TU                                              |
| <b>Diagnostic Time:</b>  | GFF                                                                                                                                                                                                                                                 | 0150 0000    | Time stated on the diagnostic protocol (Max 40 TU) |
|                          | Road test prior to the service procedure                                                                                                                                                                                                            | No allowance | 0 TU                                               |
|                          | Road test after the service procedure                                                                                                                                                                                                               | 0121 0004    | 10 TU                                              |
| <b>Claim Comment:</b>    | As per TSB #2065474/1                                                                                                                                                                                                                               |              |                                                    |

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



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Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.

| Part Number | Part Description                                                   | Quantity      |
|-------------|--------------------------------------------------------------------|---------------|
| See ETKA    | Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual | See ETKA/ELSA |
| 4E0810675C  | Bracket                                                            | 01            |
| See ETKA    | TPMS Control Module                                                | 01            |

## Additional Information

All parts and service references provided in this TSB (2065474) are subject to change and/or removal.

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