Technical Service Bulletin

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) <u>cannot</u> 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

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4434		
Damage Code:	0040		
Labor Operations:	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
Diagnostic Time:	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
Claim Comment:	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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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

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

Additional Information

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