



Technical Service Bulletin

01 MIL on P045600 Very Small Leak Detected - NVLD

01 23 66 2071199/1 August 9, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, RS 5, and RS 5 Sportback	2021 – 2023	All	Not Applicable

Condition

Customer statement:

- The exhaust emissions warning lamp (MIL) is on.

Workshop findings:

The following DTC may be stored:

- **DTC P045600 (P0456)** – “Very Small Leak Detected” is logged in the event memory.
- No further relevant entries must be logged.
- **DTC P045600** – “Very Small Leak Detected” has not previously been logged for this vehicle.

Technical Background

The smallest contamination may be sufficient to cause an internal leak in fuel tank pressure sender G400 (NVLD); this can lead to the DTC “P045600 – Very Small Leak Detected” being set.

Production Solution

Not applicable.

Service

Ensure that there are no leaks in fuel system; check according to the Guided Fault Finding or the Workshop Manual.

If GFF instructs you to replace fuel tank pressure sender G400 (NVLD), please proceed as follows:

- Please remove fuel tank pressure sender G400 (NVLD) as specified in Workshop Manual.



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- Using a compressed air gun, please blow through the NVLD (item 12 in illustration) with several brief pressure applications of approx. 5 bar. To do so, use the opening on the NVLD marked in the illustration by a green arrow (figure 1).



Note:

The opening marked with a red circle (figure 1) must not be closed or exposed to compressed air, as this may cause irreparable damage to the NVLD. In addition, this ensures that possible contamination can be blown out of the NVLD.

While blowing through the component as described, please hold it in your hand -> the component must not be clamped or secured in a vice (risk of damage).

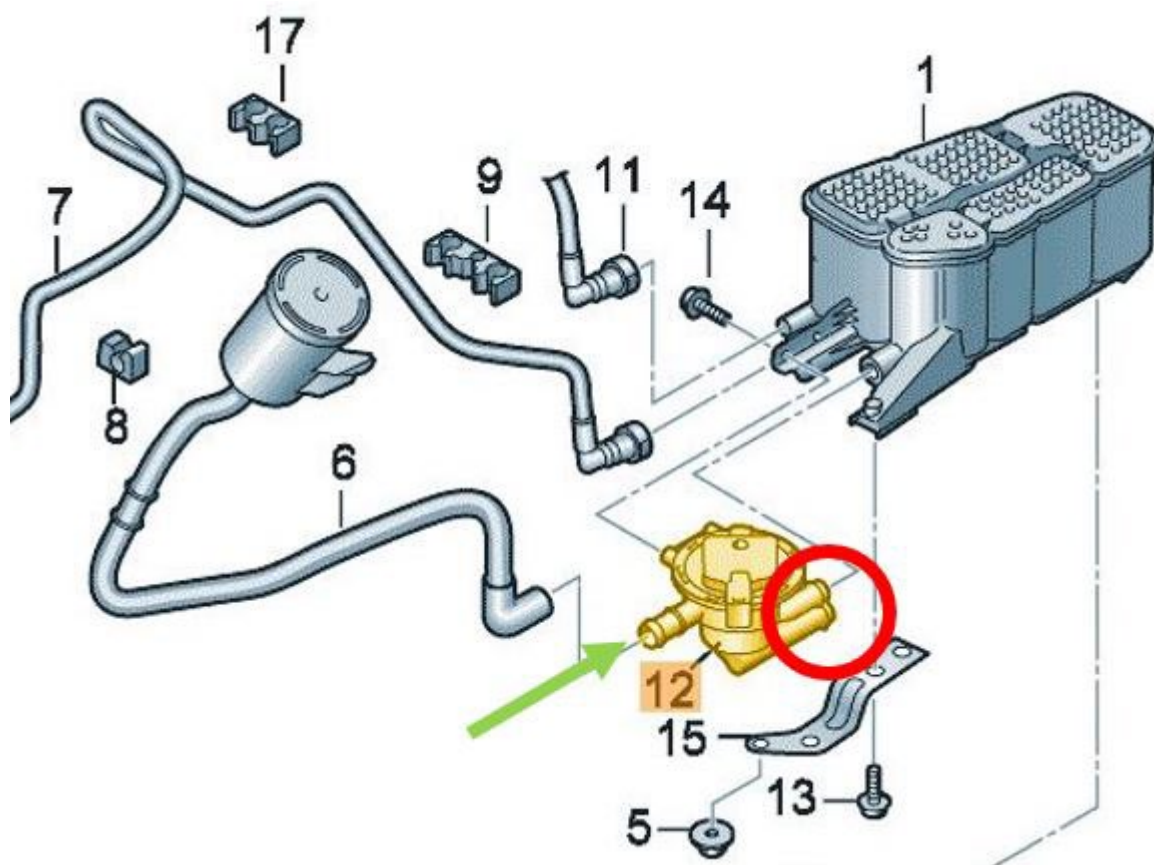


Figure 1: Fuel tank pressure sender G400 (NVLD).

Reinstall the fuel tank pressure sender G400 (NVLD), and recheck the system for leaks.

Warranty

Claim Type:	• 110 Up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner.
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	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2041		
Damage Code:	0050		
Labor Operations:	NVLD pressure switch remove + reinstall	2041 1950	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No Allowance	0 TU
Claim Comment:	As per TSB 2071199/1		

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.

Additional Information

All part and service references provided in this TSB (**2071199**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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