



Technical Service Bulletin

01 Engine speed sensor G28 - engine starts poorly, emissions warning lamp lights up - P0321 - 2.5 ltr. 5 cyl TFSI

01 23 03 2072326/1 December 13, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 3	2023	907700 – 999999	Not Applicable
	2024	900000 – 900521	

Condition

Customer states:

- The engine starts poorly or does not start at all.
- The MIL is illuminated.

Workshop findings:

The following DTC is stored in the ECM -J623- (address word 0001):

- **P032100** – Engine speed sensor, implausible signal.

Technical Background

Not applicable.

Production Solution

Not applicable.

Service

Check the crankshaft speed sensor wheel for damage. Compare the following example images:



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Figure 1. *Damaged sensor wheel in installed position.*



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Figure 2. *Damaged sensor wheel uninstalled.*

Please replace the crankshaft speed sensor wheel if it is damaged. Also check the crankshaft speed sensor G28 for external mechanical damage and replace the sensor if it is damaged.

Please take photos of the damage and upload them into DOC-IT with the repair order. Photos should:

- Have a date stamp and VIN reference.
- Be taken in focus and with sufficient light.

Warranty

Claim Type:	• 110 Up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.
Service Number:	1366
Damage Code:	0010



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Labor Operations:	Remove and install gearbox	3435 1922	See SRT with associated operations
	Replace engine speed sensor wheel	1366 5579	See SRT with associated operations
	Remove and install G28	2873 1929	50 TU
Diagnostic Time:	GFF	0150 0060	Time stated on the diagnostic protocol (Max 50 TU)
Claim Comment:	As per TSB 2072326/1		

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

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
See ETKA	Replace sender wheel	01

Additional Information

All parts and service references provided in this TSB (**2072326**) are subject to change and/or removal.

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