



Technical Service Bulletin

30 Start-stop system does not work, DTTCs P181C00, P181E00, and P181B00 stored in the ECM

30 20 26 2060101/1 July 15, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5	2018	All	Manual Transmission
A4	2017 - 2018	All	Manual Transmission

Condition

Customer states:

- The Start-stop system does not work.
- A Start-Stop Malfunction message comes on.

Workshop findings:

- The customer concern can be reproduced.

The following DTCs must be active/static in the engine control module (ECM), J623 (address word 0001):

- **DTC P181C00** (gear recognition sensor, implausible signal).
- **DTC P181E00** (gear recognition sensor, gear position implausible).
- **DTC P181E00** (gear recognition sensor, gear position implausible).



Tip: If the DTCs are sporadic/passive, there is probably a wiring problem or rodent damage and this TSB does not apply.

Technical Background

Magnetic debris from normal wear can accumulate on the -G604- gear recognition sensor.

Production Solution

Not applicable.



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Service

If the wiring for the -G604- gear recognition sensor are correct, proceed as follows:

1. Remove the -G604- gear recognition sensor and clean it thoroughly.
1. Reinstall the -G604- gear recognition sensor according to the Elsa Repair Manual, replace the bolt, and torque to 8 Nm + 60°.
2. Clear fault and test drive to confirm the repair.

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:	3080		
Damage Code:	0040		
Labor Operations:	Check sensor (check wiring and connector of sensor for function/damage)	3080 0199	20 TU
	Gear detector switch remove + reinstall	3080 1900	See SRT with associated operations
	Clean sensor	3080 2999	10 TU
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 40 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2060101/1		

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.



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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
N 10710402	Oval hexagon socket head bolt	01

Additional Information

All parts and service references provided in this TSB (2060101) are subject to change and/or removal.

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