



Technical Service Bulletin

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

30 20 27 2060101/2 July 21, 2020. Supersedes Technical Service Bulletin Group 30 number 20-26 dated July 15, 2020 for reasons listed below.

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

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Republishing
1	07/15/2020	Initial publication

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.



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Technical Background

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

Production Solution

Not applicable.

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

Warranty

Claim Type:	<ul style="list-style-type: none">• 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)



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	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2060101/2		

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
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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