



Technical Service Bulletin

01 Vehicle start system warning is displayed in cluster, DTC(s) P086D00, P086E00 stored in the ECM
01 23 88 2071791/1 October 24, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q3	2019 – 2020	All	Not Applicable
A3, S3, and RS 3	2022 – 2023		

Condition

Customer statement:

- The message “Vehicle start system: fault. Please contact workshop” appears in the instrument cluster.

Workshop findings:

One or more of the following DTCs are stored in the engine control unit J623 (diagnostic address 0001) either as static or intermittent:

- **DTC P086D00:** Neutral Position Sensor "A" Circuit High
- **DTC P086E00:** Neutral Position Sensor "A" Circuit Intermittent/Erratic

Technical Background

On vehicles manufactured within a specific period, the supply line to the gearbox neutral position sender G701 may be too short.

Production Solution

The length of the harness has been increased in production.

Service

Check the wiring at the gearbox neutral position sender G701 (Figure 1).

If one of the wires is damaged, repair all 3 wires using wire repair set **VAS 1978 B**.



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Figure 1: G701 Wire damage.



Lengthen the 3 wires by 20 mm so that the problem cannot reoccur.

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:	9713		
Damage Code:	0029		
Labor Operations:	Remove and install noise insulation	1082 1900	See SRT with associated operations
	Repair central wiring harness	9709 41xx	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 2071791/1		



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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

The part numbers mentioned in this TSB are different than the ones listed in ETKA. Only use parts listed in this TSB, this includes superseding part numbers!

Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
000979034EA	Individual wire	2
000979940	Butt connector	3
3C0972741	Wiring seal	3

Tool Number	Tool Description
VAS 1978 B	Wire harness repair set

Additional Information

All parts and service references provided in this TSB (**2071791**) are subject to change and/or removal.

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