

Technical Service Bulletin



97 MIL on, chafing found on transmission harness, DTC's: P157600, P157200, P218100, P260200, P260000
97 23 95 2070557/1 June 2, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6 allroad, A6, and S6	2023	043477 – 046976	Not Applicable

Condition

Customer states:

Customer states the check engine lamp is illuminated in the instrument cluster.

Workshop findings:

One or more of the following DTC's may be stored in the engine control unit J623 (diagnostic address 0001):

- **P157600:** Right Electro-Hydraulic Engine Mount Solen.val. Short circuit to Ground (GND).
- **P157200:** Left Electro-Hydraulic Engine Mount Solen.val. Short circuit to Ground (GND).
- **P218100:** Cooling System Performance, symptom 15332 / 25214.
- **P260200:** Coolant Pump Control Circuit low.
- **P260000:** Coolant Pump Control Circuit open.

Technical Background

The wiring harness for the automatic gearbox is chafing on the front left drive shaft.

Production Solution

New gearbox wiring harness with modified routing in production.

Service



Check the wiring on the left side of the gearbox (Figure 1).

If wiring harness damage is found, repair using wiring harness repair set **VAS 1978 B**.

OR

Replace the harness if it is damaged beyond repair. In this case, attach a photo of the damage to DOC-IT for review.



Figure 1: Transmission harness contact point.



Note: Harness replacements without photos may be debited.

Optimized routing:

Regardless if harness is repaired or replaced, check the gearbox wiring harness generation (Figure 2).

Route the harness as described below depending on harness generation **06S** or **07S**.



Figure 2: Example of 07S harness.

Wiring harness routing for generation 06S:

The generation 06S wiring harness **must be** routed through the circulation pump heat shield (the two buttons determine the position, green arrow, Figure 3).



Warning: If this is not the performed, the wiring harness will make contact with the drive shaft again.

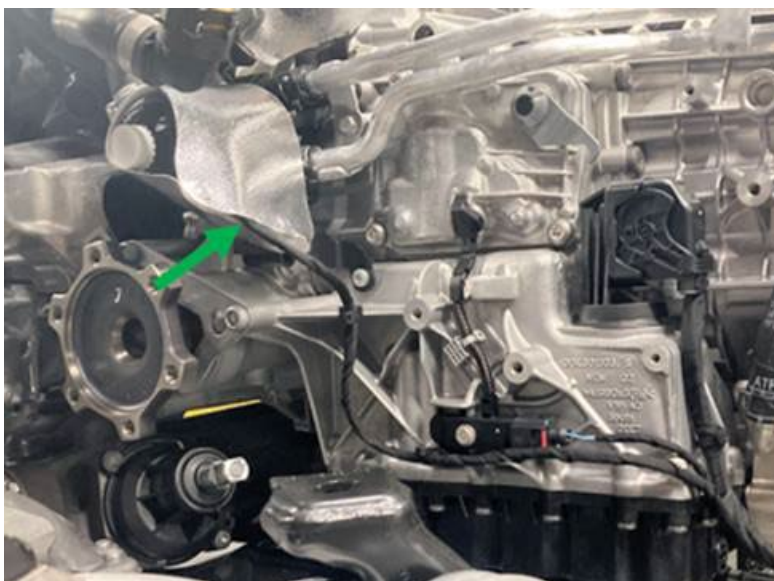


Figure 3: Optimized routing for generation 06S.

Wiring harness routing for generation 07S:

Generation 07S has a different shape and an additional retaining element (see yellow arrow in Figure 4). Generation 07S **must not be** routed through the circulation pump heat shield.

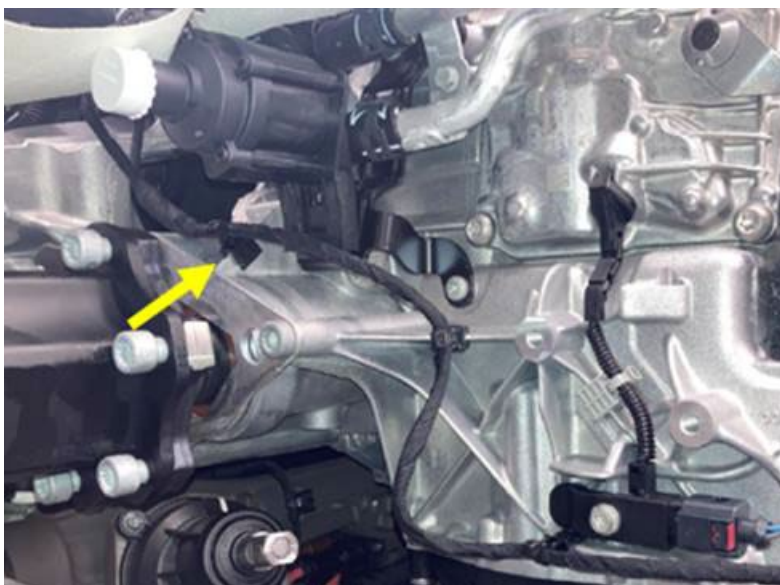


Figure 4: Optimized routing for generation 07S.

Warranty

Claim Type:	• 110 Up to 48 Months/50,000 Miles.
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Technical Service Bulletin



	• G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9781		
Damage Code:	0025		
Labor Operations:	Remove and install noise insulation	1082 19xx	See SRT with associated operations
	Check wiring harness for automatic gearbox	9781 0199	10 TU
	Repair wiring harness (depending on number of wires)	9709 41xx	See SRT with associated operations
	OR		
	Replace wiring harness for automatic gearbox (attach photo of original damage to DOC-IT)	9781 5599	Max 300 TU
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 100 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2070557/1		

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
ETKA diagram 971-600	Wiring harness for automatic gearbox	1 (if needed)



Additional Information

All parts and service references provided in this TSB (2070557) are subject to change and/or removal.

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