

Technical Service Bulletin



PSS 37 Transmission warning message in cluster. Gearbox in limp mode, Fault P17E100 stored in TCM

37 13 90 2032971/1 February 11, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S4	2011-12	All	7 Speed 0B5 S-Tronic
S5	2011-12	All	7 Speed 0B5 S-Tronic

Condition

Transmission warning message appears in instrument cluster. The gearbox is in limp mode until key is cycled. Fault **P17E100** (DFCC 9473) is stored in transmission control unit.

The DFCC is the 4-6 digit code that is typically listed before the fault code (Figure 1).

```
02 - Transmission Electronics (0B5 S tronic)
8K1927156K
0B5 30TFSINAR
Coding 000001
0B5927156F
H07
0010

1Event(s) detected

9473 P17E100 [104]
Gear actuator 2 mechanical malfunction
Sporadic
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Figure 1. DFCC 4-6 digit code listed before the fault code

The fault is very sporadic and usually appears after a cold start.

Technical Background

Fault is caused by transmission software that is too sensitive.

Production Solution

Not Applicable.

Service

The vehicle's condition must match the condition listed above for this PSS TSB to be applicable. To verify that the vehicle's condition matches the condition above, delete the fault entry and perform a test drive:

- If the complaint recurs or if the fault entry cannot be deleted, this PSS TSB does not apply and should not be followed. Follow guided fault finding test plan.
- If the fault entry clears and does not return, follow these instructions:
 1. Diagnose the vehicle according to the instructions listed below. If customer's vehicle condition matches the condition listed in the *Technical Background* of this PSS TSB, explain to the customer that a solution is forthcoming and that no repairs are necessary at this point.
 2. Do not replace any components for this condition since this will not resolve the customer's concern.

3. Create a PSS record in the PSS application via the hyperlink in Accessaudi.com (Figure 2) or Technical Assistance page in Elsa (Figure 3).

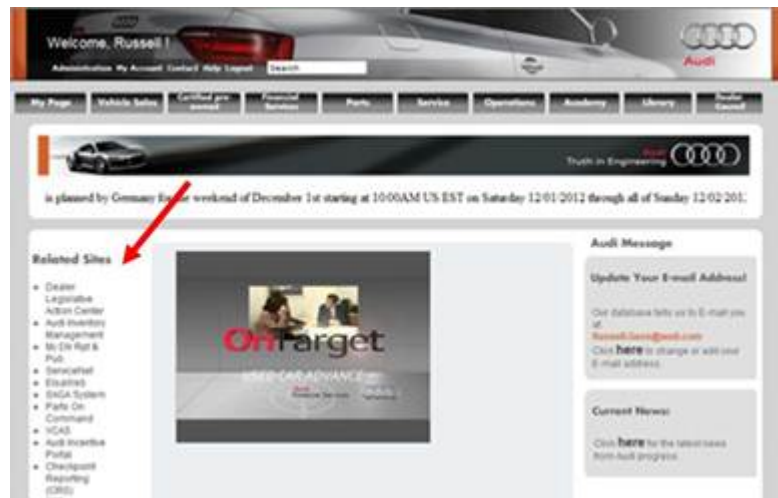


Figure 2. Related Sites section on Accessaudi.com landing page



Figure 3. Technical Assistance page

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3481		
Damage Code:	0039		
Diagnostic Time:	GFF Check faults, verify codes listed are present and clear faults.	0150 0000	Time stated on diagnostic protocol (Max 40 TU)
	Road test to verify fault does not return	0121 0002	10 TU
	Road test after service procedure	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per 2032971/1		

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.

Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.