

# Technical Service Bulletin



## 37 Transmission warning message in cluster (DTC P060A00)


37 14 29 2029027/9 May 22, 2014. Supersedes Technical Service Bulletin Group 37 number 13-17 dated September 11, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4,A5, A5 Cabriolet	2011-2013	All	8 speed 0BK Transmission
Q5 2.0T	2011-2013	All	8 speed 0BK Transmission
A6/A7	2013	All	8 speed 0BK Transmission
A8, A8L, A8W12, S8	2011-2013	All	8 speed 0BK Transmission

## Condition

REVISION HISTORY		
Revision	Date	Purpose
9	-	Revised <i>Service</i> (Updated SVM table, New SVM code and software levels)
8	9/11/2013	Revised <i>Warranty</i> (Updated Diagnostic Time to cover 2013 road test after procedure)
7	4/26/2013	Revised <i>Service</i> (Updated SVM table, ECM update added for A8 4.0T and S8) Revised <i>Warranty</i> (reflected changes in <i>Service</i> section)
6	4/1/2013	Revised <i>Service</i> (Updated SVM table)
5	12/19/2012	Revised <i>Service</i> (Updated SVM table)

- Customer may report transmission warning light is illuminated. In some cases, the vehicle will not move after being started and placed into gear. After key cycle, the vehicle drives without restriction.
- One of the following DTCs is stored in the transmission control module (TCM), J217 (02):
  - **DTC P060A00** (Internal Control Module Monitoring Processor Performance) with **DFCC 8692**
  - **DTC P060A00** (Internal Control Module Monitoring Processor Performance) with **DFCC 8694**
  - **DTC P060A00** (Internal Control Module Monitoring Processor Performance) with **DFCC 12480**

 **Tip:** If DFCCs do not match exactly, this TSB does not apply.

## Technical Background

The DTCs are stored due to an issue with the transmission control module software. Specific DFCCs are stored as a result of the following situations:

- **DTC P060A00** with **DFCC 8692** can be logged when a driving mode (Drive or Reverse) is selected within one second of selecting Neutral, while the vehicle rolls at a speed less than 2 mph (such as when the vehicle is being maneuvered in or out of a parking spot).
- **DTC P060A00** with **DFCC 8694** can be logged when the gear is quickly changed from Park to Neutral, due to a low diagnosis threshold.
- **DTC P060A00** with **DFCC 12480** can be logged when the gear is changed using the Tiptronic function, due to a low diagnosis threshold.

## Production Solution

- New software in the Transmission Control Module (TCM), J217 (02), addressed the condition.
- For the A8 4.0T and S8 models, there is new software in Engine Control Module (ECM), J623 (01) that should be used in combination with new software in the Transmission Control Module, J217 (02), which addresses the condition.

## Service

1. Ensure that the DFCCs match exactly before proceeding. The DFCC is the 4-6 digit code in front of the P code, as pictured (Figure 1).

### Event memory 1:

02 - Transmission Electronics (0BK tiptronic)  
8K0927158K  
0BK 20TFSIUSA  
Coding 001112  
0BK927156N  
H08  
0010

1Event(s) detected

8692 P060A00 [32]

Control module internal processor monitoring  
Sporadic

Ambient requirements:

Standard values:

Date	11.07.2011
Time	08:29:39
km-Mileage	3719 km
Param_DTCPrior	2
Occurrence Counter	1
Central-Aging-Counter	255

Figure 1. Locating the 4-6 digit DFCC code.

2. Update the software using the SVM Update Instructions below.

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## SVM Update Instructions

1. Follow all instructions in the attached TSB, *2011732 00 Software Version Management (SVM), operating instructions*.
2. Update the TCM using the SVM action code as listed in the table below if necessary.
3. For A8 4.0T and S8 vehicles, update the ECM and the TCM, if necessary. The update may have already been performed in TSB 2033726.

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
<b>Transmission Software Update (except A8 4.0T and S8)</b>						
A4, A5, A5 Cabriolet	2.0L with 8 speed Transmission	8K0927158K	<1014	8K0927158K	1014	02A072
A4, A5, A5 Cabriolet	2.0L with 8 speed Transmission	8K0927158Q or 8K0927158S	<1007	8K0927158S	1007	02A072
Q5	2.0L with 8 speed Transmission	8R0927158E	<1015	8R0927158E	1015	02A072
Q5	2.0L with 8 speed Transmission	8R0927158T or 8R0927158M	<1010	8R0927158T	1010	02A072
A6, A7 A8, A8L	3.0L with 8 speed transmission	4G0927158E	<1006	4G0927158E	1006	02A072
		4G0927158P	<1006	4G0927158P	1006	02A072
A8, A8L	4.2L with 8 speed transmission	4H1927158M	<1007	4H1927158M	1007	02A072
		4H1927158N	<1007	4H1927158N	1007	02A072
		4H1927158AD	<1007	4H1927158AD	1007	02A072
		4H1927158AQ	<1004	4H1927158AQ	1004	02A072
	6.3 W12 with 8 speed transmission	4H1927158T	<1009	4H1927158T	1009	02A072

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## A8 4.0T and S8 Transmission and Engine Software Update

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A8, A8L	4.0T CEUA	4H0906014B	<0003	4H0906014B	0003	01A134
	8 speed transmission and Sport Diff	4H1927158CA	<1005	4H1927158CA	1005	
	8 speed transmission	4H1927158BK	<1005	4H1927158BK	1005	
S8	4.0T CGTA	4H0907557B	<0004	4H0907557B	0004	
	8 speed transmission	44H1927158BL	<1005	4H1927158BL	1005	

4. Clear adaptations and perform test drive adaptation through GFF for 2011 model year.
5. Clear adaptations and perform standstill adaptation for 2012 or 2013 model year.

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## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	3730		
<b>Damage Code:</b>	0041		
<b>Labor Operations:</b>	Update TCM Software	3730 2599	40 TU
	Update ECM and TCM Software (A8 4.0T/S8 only)	2470 2599	60 TU
	Perform standstill adaptation (MY12 and MY13 only)	3735 5799	60 TU
	Perform test drive adaptation (MY11 only)	Included in GFF below	
<b>Diagnostic Time:</b>	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure (MY12 and MY13 only)	0121 0004	10 TU
	GFF to perform test drive adaptation (MY11 only)	0150 0000	Time stated on diagnostic protocol (Max 100 TU)
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
<b>Claim Comment:</b>	As per TSB #2029027/9		

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

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732 00 *Software Version Management (SVM), operating instructions*.

All parts and service references provided in this TSB (2029027) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.