



# Technical Service Bulletin

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## 37 Gearbox malfunction message displayed DTC P070000 Stored in TCM

37 16 70 2045754/1 October 31, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2016 - 2017	All	AL552 Gearbox

## Condition

Customer may report a “Gearbox Malfunction” message is shown in the driver information display.

### Workshop findings:

- The DTC P070000: “Transmission Control System Malfunction” with the symptom code 27504 is stored in the Transmission Control Module (J743) (address word 61).

## Technical Background

OBD diagnostics is too sensitive.

## Production Solution

New software in the Transmission Control Module (J743) (address word 61) addressed the condition.

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## Service

This TSB only applies to DTC P070000 with the symptom code 27504 (Figure 1). If a different symptom code is stored with the DTC P070000 the software update will not repair the concern and the claim for the TSB will be debited. If a symptom code other than 27504 is stored you will need to open a Technical Assistance Center case and contact them for assistance.

### DTC memory entry

Number :	P070000: Transm.Contr.System Malfunction
Error type 2 :	active/static
Symptom :	27504
Status :	11101101



Figure 1. Symptom Code

### SVM Update Instructions:

1. Follow all instructions in TSB 2011732: 00 Software Version Management (SVM), operating instructions.
2. Update the TCM (J743) (address word 61) using the SVM action code as listed in the table below if necessary:

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Code Input
Q7	0D5 Transmission	4M0927158L	1005	4M0927158L	1006	02A091



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## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	3730		
<b>Damage Code:</b>	0041		
<b>Labor Operations:</b>	Update software of TCM	3735 2599	50 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Max 30 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 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 #2045659/1		

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 (2045659) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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