



Technical Service Bulletin

37 After mechatronic unit/gearbox replacement engine starts only after start button is pressed twice

37 17 74 2041242/2 February 27, 2017. Supersedes Technical Service Bulletin Group 37 number 15-58 dated July 9, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S4	2010	All	0B5 S tronic
S5 cabriolet	2010	All	0B5 S tronic

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Service</i> (SVM Code and Software levels updated)
1	07/09/2015	Initial publication

- Customer reports that in order for the engine to start, the start button or ignition key must be pressed a second time.

The following conditions are present:

- The gearbox/mechatronic unit has been replaced.
- No faults are stored in the Engine control module (ECM) (J623) (address word 0001), or in the Transmission control module (TCM) (J217) (address word 0002).
- The software installed in the TCM is 8K5 927 156 J, version 0002 or 0001.

Technical Background

A software error might cause the first engine start request to be ignored.

Production Solution

Not applicable.



Technical Service Bulletin

Service

Update the TCM software using the following instructions.

SVM Update Instructions

1. Follow all instructions in TSB 2011732, *00 Software Version Management (SVM), operating instructions*.
2. Update the TCM (J217) (address word 0002) using the SVM action code as listed in the table below if necessary:

Model	Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
S4, S5 Cabriolet	0B5 Stronic	8K5927156J	<0002	8K5927156J	0009	02A086

Warranty

Claim Type:	<ul style="list-style-type: none"> • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	3730		
Damage Code:	0039		
Labor Operations:	Update TCM software	3730 2299	40 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 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)		
Claim Comment:	As per TSB #2041242/2		



Technical Service Bulletin

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(s) 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 (2041242) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

©2017 Audi of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.