

# Technical Service Bulletin



## 48 Generation 3 power steering - steering stiff after engine start

48 15 64 2021189/5 February 26, 2015. Supersedes Technical Service Bulletin Group 48 number 13-37 dated February 28, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2009 - 2013	All	Not Applicable
TT	2009 - 2013	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised <i>Service</i> (Updated SVM code)
4	2/28/2013	Revised <i>Warranty</i> (Changed labor operations code) Revised <i>Service</i> (Added new SVM code) Revised header data (Added model years)
3	9/30/2011	Revised <i>Service</i> (Added new SVM code and model year 2010)
2	11/11/2009	Revised <i>Service</i> (TT Old Software Version corrected) Revised <i>Warranty</i>
1	8/14/2009	Original publication

- Steering feels stiff after engine start on vehicles with generation 3 steering.
- The following entries may be stored in the power steering control module, J500 (address word 44):
  - **DTC 16344 with fault symptom 14** (Control module - faulty)
  - **DTC 16353 with fault symptom 14** (Control module - faulty)
  - **DTC 16355 with fault symptom 14** (Control module - faulty)
  - **DTC 16347 with fault symptom 07** (Control module - short circuit to ground)
  - **DTC 16347 with fault symptom 14** (Control module - faulty)

## Technical Background

Incorrect software.

## Production Solution

New software.

## Service

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the power steering software of the power steering control module, J500 (address word 44) using the SVM action codes as listed in the tables below, if necessary.  
The tester may display a note stating that update programming must be performed on two control modules.  
The updates should be installed in the order proposed by the tester.

Vehicles with software level below 2901 must first be updated to software level 2901 using the appropriate SVM code from following table:

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version	SVM Action Code
TT	-	Below 2901	-	2901	8J44A001
A3	-	Below 2901	-	2901	8P44A001

Vehicles with software level 2901 or higher (but below 3305) use the appropriate SVM code from following table:

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
TT	-	2901 or above (but below 3305)	-	3305	44A001
A3	-	2901 or above (but below 3305)	-	3305	44A001

3. After the SVM update, adapt the power steering control module, J500 (address word 44), through Guided Fault Finding.
4. Calibrate steering angle sensor G85.

# Technical Service Bulletin



## 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>	4835		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	Update power steering control module software	0150 0000	Time stated on diagnostic protocol (100 TU max)
<b>Diagnostic Time:</b>	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)		
<b>Claim Comment:</b>	As per TSB #2021189/5		

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.