

# Technical Service Bulletin



## 48 Power steering warning in cluster, DTC for end stops

48 13 35 2029622/3 February 14, 2013. Supersedes Technical Service Bulletin Group 48 number 12-34 dated October 23, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2012	000001 - 999999	Not Applicable
A7	2012	000001 - 999999	
A6	2013	000001 - 043090	
A7	2013	000001 - 043090	

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header data (fixed error in VIN break)
2	9/28/12	Revised <i>Service</i> . Revised header data (added model year)
1	5/29/2012	Original publication

The yellow steering symbol is illuminated in the instrument cluster. **DTC C10ACFO** (steering end stops not programmed) is logged in the power steering control unit, J500 (44).



**Figure 1.** Yellow steering symbol and cluster message.



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## Technical Background

The power steering control unit, J500 (44), expects to receive a VIN message over the data bus shortly after terminal 15 is turned on. If the VIN message is not received at the expected time, the power steering control unit assumes it has been installed in a new vehicle and discards the programmed end position values.

Address: 44 power steering:  
HW part number: 4G0909144E  
HW version number: H29  
SW part number: 4G0909144E  
SW version number: 0005

Entry: 5258753  
C10ACF0 - steering - end stops not programmed

## Production Solution

Optimization of the VIN message handling was implemented with power steering control unit, J500 (44), software level 0009.

## Service

### SVM Update Instructions

1. Follow all instructions in the attached TSB 2011732 *00 Software Version Management (SVM), operating instructions*.
2. Update the power steering gear control module (J500) using the SVM action code as listed in the table below if necessary.

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
A6	-	0008 or below	-	0009	44A004
A7	-	0008 or below	-	0009	44A004

3. Check the tires and adjust to the proper pressure if necessary. Store the tire pressures in the MMI menu. Stored tire pressures may be lost during the SW update.

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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>	4835		
<b>Damage Code:</b>	0039		
<b>Labor Operation:</b>	Charge battery	2706 8950	10 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 70 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 #2029622/3		

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