

# Technical Service Bulletin



## 48 Symbol for dynamic steering in cluster (DTC 02538 001)

48 12 32 2029282/3 October 12, 2012. Supersedes Technical Service Bulletin Group 48 number 12 – 24 dated May 8, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2011	000001 – 999999 (Produced in Ingolstadt)	Not Applicable
	2012	000001 – 087448 (Produced in Ingolstadt)	
	2011	000001 – 999999 (Produced in Neckarsulm)	
	2012	000001 – 015321 (Produced in Neckarsulm)	
A5	2011	000001 – 999999	
	2012	000001 – 112846	
A5 Cabriolet	2011	000001 – 999999	
	2012	000001 – 003928	
Audi Q5	2011	000001 – 999999	
	2012	000001 – 055210	
A8	2011	000001 – 999999	
	2012	000001 – 003928	

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Warranty</i>
2	5/8/2012	Revised <i>Required Parts and Tools</i>
1	4/23/2012	Original publication

The symbol for dynamic steering is illuminated in the instrument cluster. A DTC for overload or overuse is stored in the active steering control module (J792), address word 1B. The environmental data from the GFF log matches the example shown in the Technical Background section.



Figure 1. Symbol for dynamic steering illuminated.

## Technical Background

If the control unit for active steering -J792 stores a DTC 02538 001 *restricted function because of overuse* with environmental data that matches the example below, the control unit must be replaced.

Entry: **02538 001**

Complaint text: "restricted function because of overuse"

Measured value or extended environmental conditions: **38**

**02538 001**

Restricted function because of overuse

Upper limit exceeded

Sporadic

Surrounding conditions:

Standard values:

Date XX.XX.XX

Time XX:XX:XX

Mileage xxxxxx

Priority 4

Complaint frequency 1

Unlearning counter 45

## Measured values:

Value 1 38 (if value 1 is 37 or 38)

Value 2 1

Value 3 0x028f

Value 4 0x9008

Value 5 0x1c00

Value 6 0x0a04

## Production Solution

An optimized control unit J792 was implemented in production vehicles.

## Service

Verify the customer's concern matches the Condition and Technical Background described in this TSB. Replace the control unit J792 according to the repair manual and **not** the steering column as described in the guided fault finding.

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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>	4869		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	<b>A4/A5/Audi Q5:</b>		
	Remove and install shelf under dashboard	6818 1900	30 TU
	Replace Servotronic control unit	4869 5550	70 TU
	Adjust Servotronic control unit	4869 1500	70 TU
	<b>A8:</b>		
	Replace Servotronic control unit	4869 5500	90 TU
	Check front and rear of vehicle	4495 0100	70 TU
	Adjust Servotronic control unit	4869 1500	10 TU
	<b>Diagnostic Time:</b>	GFF	0150 0000
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 #2029282/3		

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.

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## Required Parts and Tools

Part Number	Part Description	Quantity
A4/S4, A5/S5, A5/S5 Cabriolet 8K0907144 (suffix per ETKA)	Control Unit J792	1
A8 4H0907144 (suffix per ETKA)	Control Unit J792	1

## 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.