

Technical Service Bulletin



48 Electromechanical steering warning light on

48 13 41 2033391/1 March 22, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4/S4	2013	All	With electro-mechanical steering
A5/S5/S5 Cabrio/RS 5	2013	All	With electro-mechanical steering
Q5	2013	All	With electro-mechanical steering
A6	2013	All	With electro-mechanical steering
A7	2013	All	With electro-mechanical steering

Condition

Customer may report that a warning for electromechanical steering is displayed in the instrument cluster. There is no loss of steering control or functionality associated with these warnings.

Technical Background

Issues with the hardware and software.

Production Solution

Not applicable.

Service

Audi of America is requesting your cooperation in supplying us with technical information regarding this condition in order to ensure part replacement is necessary.

1. Verify that any of the DTCs listed below are stored in the power steering control module, J500 (44):
 - **DTC 6291727** (Control unit incorrect)
 - **DTC 7341570** (Engine position sender, implausible signal)
 - **DTC 7341600** (Engine position sender, implausible signal)
 - **DTC 7341632** (Engine position sender, implausible signal)
 - **DTC 7353984** (Engine position sender, mechanical complaint)
 - **DTC 2107920** (Steering torque sender 1 implausible signal)
 - **DTC 2107936** (Steering torque sender 2 implausible signal)
 - **DTC 1055840** (Control unit incorrect)
 - **DTC 1052424** (Control unit incorrect)
 - **DTC 5258756** (Mechanical steering complaint)
 - **DTC 1052432** (Control unit incorrect)
 - **DTC 7343407** (Power steering motor, disruption)
 - **DTC 7343423** (Power steering motor, disruption)
 - **DTC 7343439** (Power steering motor, disruption)
2. If the vehicle is within the New Vehicle Limited Warranty, contact a TAC consultant before proceeding. Please attach the diagnostic log to the TAC ticket. Only proceed to step 3 after an approval from TAC.
3. Replace the steering gear. Refer to *Repair Manual >> Chassis >> Suspension, Wheels, Steering >> 48 Steering >> Removal and Installation >> Steering Gear*.

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4835		
Damage Code:	0040		
Labor Operations:	Electromechanical steering box remove and install	4835 1900	130 TU
	Electromechanical steering box replace	4835 5550	30 TU
	Vehicle front and rear measure	4495 0300	90 TU
	Alignment adjustments (if necessary)	See ElsaWeb	XX TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol
	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 #2033391/1		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
See ETKA	Steering gear	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.