

Technical Service Bulletin

Topic	48 Steering and/or electronic damping control yellow lamp on when starting engine B200000, B200FF4,U103100
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2074847/5
Level	EH
Status	Released for publishing
Release date	Mar 17, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0044 - Power steering	B200000: Control module faulty		Intermittent
0044 - Power steering	B200FF4: Internal malfunction		Intermittent
0074 - Chassis control	U103100: FlexRay data bus No synchronization		Intermittent
0074 - Chassis control	U103100: FlexRay data bus No synchronization		static

New customer code

Object of complaint	Complaint type	Position
chassis -> steering, steering assist -> electromechanical power steering	functionality -> operation sequence incorrect	
chassis -> steering, steering assist -> electromechanical power steering	functionality -> too difficult to move	
information, navigation, communication, entertainment -> malfunction display symbols -> power steering malfunction display	functionality -> activates	

Vehicle data

Audi A4 / A5

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8W*	2024	A		*	*	*
8W*	2025	A		*	*	*
F5*	2024	A		*	*	*
F5*	2025	A		*	*	*

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0044 - Power steering	*	0172	*	*

Documents

Document name
master.xml



Connection offline

Technical Service Bulletin

Transaction No.: **2074847/5**

48 Steering and/or electronic damping control yellow lamp on when starting engine
B200000, B200FF4, U103100

Release date: Mar 17, 2025

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised header (Updated DTCs)
4	02/05/2025	Revised <i>Service</i> (Updated procedure)
3	12/04/2025	Revised <i>Condition</i> (Updated Information)

Customer states:

When starting the engine, the yellow steering warning lamp or the electronic damping control may light up in individual cases and the power steering may be reduced. This issue may disappear when the engine is restarted.

Workshop findings:

Either **no** DTCs are logged in the steering - diagnostic address 0044 with **SW 0172** and VW-Audi part number 8W0909144N, or the following DTC may be logged:

- **B200000** symptom 4176 and/or **B200FF4** symptom 16712020.

Or

- **B200000** symptom 4432.

Or

- **No DTCs** in isolated cases.

Or

The following DTC may be logged in the suspension control unit (diagnostic address 0074):

- **U103100** symptom 323584.

Technical Background

Software issue.

Production Solution

Optimized software in after-sales service.

Service

This TSB replaces Pending Service Solution (PSS) TSB 2073087: 48 PSS: Yellow steering warning lamp on - DTCs B20000 and B200FF4 stored in the J500.

Please ensure that you do not confuse the SVM code with the login code when entering the code!

Use the PR number to check whether the vehicle has a start/stop system.

Proceed as follows:

For vehicles without start/stop system (PR. 7L7).

- Perform a software update of the steering system with the following SVM code:
- First code: **44A041**, then second code: **44B041**
- The red steering warning lamp may light up after the update. Switch the ignition off and on again and then erase all DTCs.

For vehicles with start/stop system (PR.7L4/7L8).

- First reset the steering control unit at diagnostic address 0044 (J500) to factory settings via Guided Functions.
- Select option “2” as shown in the picture (Figure 1).
- To do this, go to the basic settings for the test program and use the **login code 1181** for the program “**0044 - Reset all adaptation values / adapt end stops**”.
- The tester may not automatically report that the reset is complete; click on the “Done/Continue” button manually. Afterwards, check whether the coding in control unit J500 (address 0044) under Identification has been set to “00000000000000”.
- If so, perform the software update with the specified code (refer to next paragraph).
- If not, reset to factory settings again.
- Perform the software update of the steering system with the following SVM code:
- First code: **44A041**, then second code: **44B041**
- The red steering warning lamp may light up after the update. Switch the ignition off and on again and then erase all DTCs.



Note: Try to reproduce the customer complaint (based on the description/cause of the issue), so that it can be clearly assigned to this TSB. The following repair must only be carried out if all the criteria (model/type, VIN number, engine/motor and gearbox code, PR number(s), part number, software version, code etc.) apply exactly. Otherwise, this solution will not eliminate the problem and repeat repairs may be necessary. In such a case, we may reject the warranty claim and charge back the cost of the parts.

Follow all instructions in TSB 20117352: *00 Software Version Management (SVM), operating instructions*.

Update the 0044 (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 (or higher)	New Software Version (or higher)	SVM Code Input
A4, A5	8W0909144N	0172	8W0909144P	1181	44A041
	8W0909144P	1181		1181	44B041

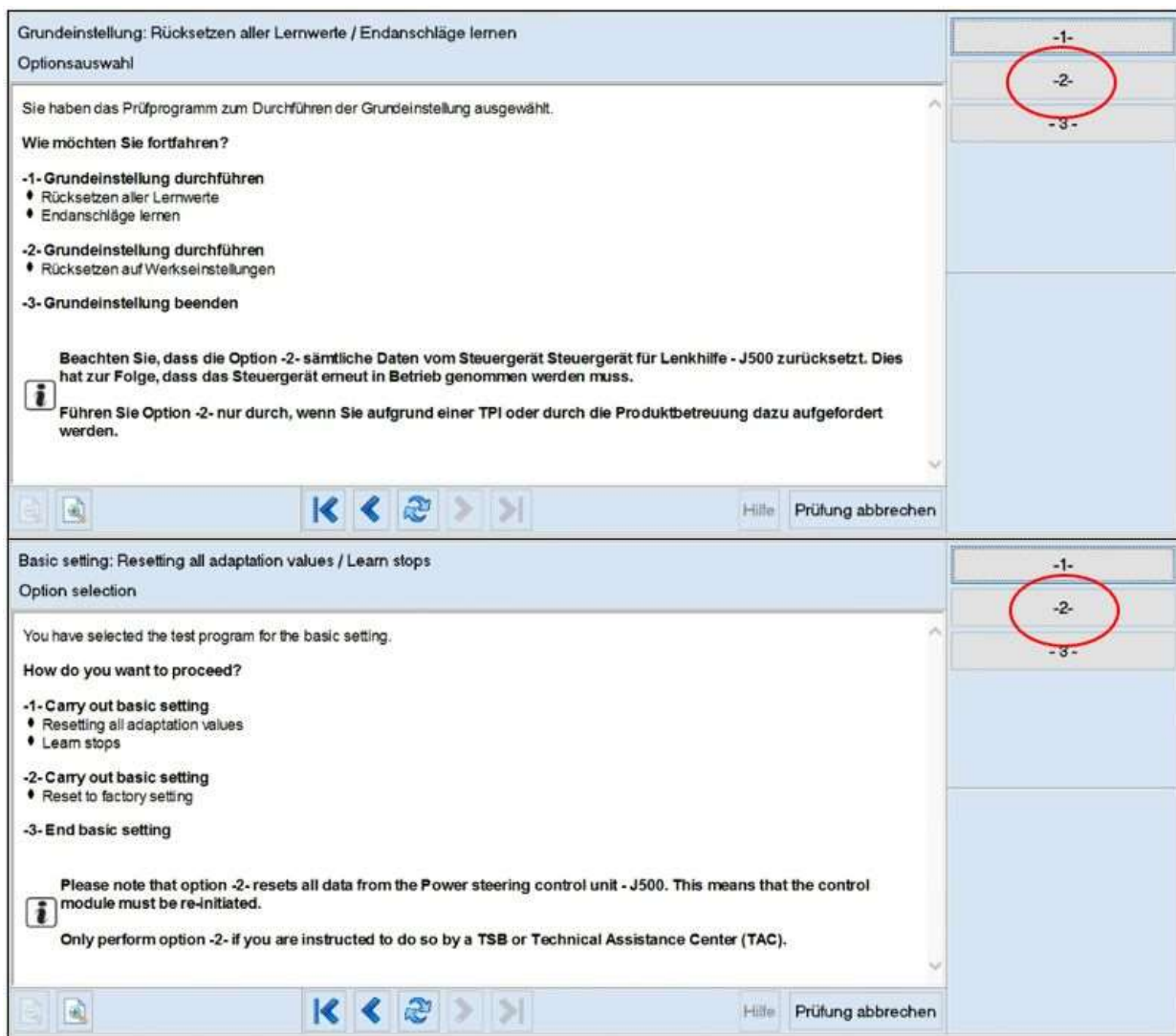


Figure 1: J500 factory settings reset – Guided Functions.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4835		
Damage Code:	0040		
Labor Operations:	Software update	0151 0010	See SRT with associated operations
	Software update	0151 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2074847/5		

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 part and service references provided in this TSB (**2074847**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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