



Technical Service Bulletin

48 Yellow steering warning lamp lights up when engine is started; B200000, B200FF4

48 24 76 2074847/3 December 4, 2024. Supersedes Technical Service Bulletin Group 48 number 24-75 dated October 10, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad, S4, A5 Sportback, S5 Sportback, and RS 5 Sportback	2024 – 2025	All	Not Applicable
A5, A5 Cabriolet, S5, S5 Cabriolet, RS 5	2024		

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Condition</i> (Updated Information)
2	10/10/2024	Revised <i>Service</i> (Updated procedure)
1	08/09/2024	Initial publication

Customer states:

When the engine is started, the yellow steering warning lamp sometimes lights up. When this occurs, steering assistance is reduced. This issue disappears when 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.

Technical Background 1

Software issue.



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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:

- 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:

- 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.

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:



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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



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Grundeinstellung: Rücksetzen aller Lernwerte / Endanschläge lernen

Optionsauswahl

Sie haben das Prüfprogramm zum Durchführen der Grundeinstellung ausgewählt.

Wie möchten Sie fortfahren?

-1- Grundeinstellung durchführen
• Rücksetzen aller Lernwerte
• Endanschläge lernen

-2- Grundeinstellung durchführen
• Rücksetzen auf Werkseinstellungen

-3- Grundeinstellung beenden

Beachten Sie, dass die Option -2- sämtliche Daten vom Steuergerät Steuergerät für Lenkhilfe - J500 zurücksetzt. Dies hat zur Folge, dass das Steuergerät erneut in Betrieb genommen werden muss.

Führen Sie Option -2- nur durch, wenn Sie aufgrund einer TPI oder durch die Produktbetreuung dazu aufgefordert werden.

-1-

-2-

-3-

Basic setting: Resetting all adaptation values / Learn stops

Option selection

You have selected the test program for the basic setting.

How do you want to proceed?

-1- Carry out basic setting
• Resetting all adaptation values
• Learn stops

-2- Carry out basic setting
• Reset to factory setting

-3- End basic setting

Please note that option -2- resets all data from the Power steering control unit - J500. This means that the control module must be re-initiated.

Only perform option -2- if you are instructed to do so by a TSB or Technical Assistance Center (TAC).

-1-

-2-

-3-

Figure 1: J500 factory settings reset – Guided Functions.



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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
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2074847/3		

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

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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