Release Date	04/17/2024	Technical Service Bulletin

94CB UPDATE
Software Update for Light Control Module – (NVLW)

Audi

Applicable Vehicles

Country	Beginning Model Year	Ending Model Year	Vehicle	Vehicle Count
USA	2024	2024	Q8	475
USA	2024	2024	SQ8	396
CAN	2024	2024	Q8	92
CAN	2024	2024	SQ8	67

Revision History

Revision	Date	Purpose
1	04/17/2024	Original publication

Condition/Technical Background

This Update has been proactively released to prevent the following condition(s) from occurring in the vehicle:	
Criteria	**Technical Background**
01	An erroneous fault message may appear in the instrument cluster due to a software issue in the control unit for the headlights.

Remedy

Criteria	Remedy
01	Update the software for the light control module.

This Update is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the **94CB** code in the Elsa Campaign/Action Information screen on the day of repair.
- Vehicle must be within the New Vehicle Limited Warranty.
- Procedure must be performed within the allotted time frame stated in this Technical Service Bulletin.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

94CB UPDATE

Software Update for Light Control Module – (NVLW)

Service

NOTE:

- Elsa is the only valid inquiry/verification source. Check Elsa on the day this vehicle UPDATE will be performed to verify vehicle eligibility for the UPDATE. Status must show "open". Attach an Elsa printout showing the "open" status to the repair order.

- If this UPDATE appears to have already been performed but the code still shows open in Elsa, contact Warranty before proceeding further. Another dealer may have recently performed this UPDATE but not yet entered a claim for it in the system.

- Elsa may also show additional open action(s); if so, inform your customer - this work can be done while the vehicle is in for this UPDATE.

- Contact the Warranty Helpline (U.S.) or the Warranty Campaign Specialist (Canada) if you have any questions.

- Enter the VIN in Elsa and proceed to the "Campaign/Action" screen.

ℹ️ **TIP**

On the date of repair, print this screen and keep a copy with the repair order.

- Confirm the Campaign/Action is open <arrow 1>. If the status is closed, no further work is required.

- Note the Applicable Criteria ID <arrow 2> for use in determining the correct work to be done and corresponding parts associated.

⚠️ **CRITICAL REPAIR STEP**

🛑 **STOP!** 🛑

If multiple software update Campaign/Actions are open, they must be performed in order of the Start date <arrow 3>. The oldest should be performed first.

- **All Safety Recalls must be completed prior to completing this campaign.**

94CB UPDATE

Software Update for Light Control Module – (NVLW)

Audi

SVM Update Instructions

ⓘ NOTE

Prior to launching the VAS Diagnostic Tester and starting an update, ensure the following conditions are met;

- ✓ **The ODIS software is completely up to date.**

  - Refer to the "Current ODIS Service Version" circular found in Elsa2Go Service References.

- ✓ **The battery charger is connected to the vehicle battery and remains connected for the duration of the software update.**

  - Battery voltage must remain above 12.5 volts for the duration of the software update. Failure to do so may cause the update to fail, which could result in damage to the control module. Control modules damaged by insufficient voltage will not be covered.

- ✓ **The screen saver and power saving settings are off.**

  - Failure to do so may result in the tester entering power save mode during the software update, which could result in damage to the control module.

- ✓ **The VAS Diagnostic Tester is plugged in using the supplied power adapters.**

  - Under no circumstances should the tester be used on battery power alone during the software update. Failure to do so may result in the tester powering off during the update, which could result in damage to the control module.

- ✓ **The VAS Diagnostics Interface MUST ONLY be connected to the tester with a USB cable.**

  - Performing a software update using a Bluetooth or WiFi connection increases the risk of losing connection during the update, which could result in damage to the control module.
    It also greatly increases the time required to perform the update. Requests for additional time or parts will be denied if the GFF log shows the update was performed using Bluetooth or WiFi.

ⓘ TIP

As a best practice, customer presets should be documented prior to performing any update in the event these settings are lost during the update.

94CB UPDATE

Software Update for Light Control Module – (NVLW)

Audi

ⓘ NOTE

- All campaign software updates must be completed during a single, standalone ODIS Diagnostic Session. You must fully complete this campaign and send all logs before beginning any other campaigns or operations.

- If there are any ODIS "Hot-Fix" patches installed, they must be removed from the scan tool before beginning this operation. ODIS "Hot-Fix" patches may affect the update process.

⚠ WARNING

Radiator Fan(s) may cycle ON high speed during the Update Process! There is a serious risk that personal injury may result if contact is made with spinning fan blades. Keep hands and all objects away from Radiator Fan(s) during Update Process!

ⓘ TIP

To Update-Programming using SVM, review and follow instructions in Technical Bulletin 2014603: *Software Version Management (SVM) Operating Instructions.*

The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim.

- Connect the battery charger.

- Switch off all consumers, air conditioning, heater blower motor, lights, heated seats, etc.

- Ensure the latest version of ODIS is downloaded.

- Ensure diagnostic head is connected to ODIS tester via USB cable.

- Move selector lever to P.

<div style="background-color:red; color:white; text-align:center">

IMPORTANT REPAIR STEPS

The steps below must be followed!

</div>

- Switch **ON** the headlights and leave them on until the procedure is complete.

- Scan the vehicle using **GFF**.

- Under Guided Functions of DA 00D6, perform the replacement test plan.

- Follow the on-screen prompts but **DO NOT** replace the control unit.

- Select "SVM – Code Input".

- Enter SVM code **94CBA216** and follow the on-screen prompts.

- When exiting GFF, ensure the diagnostic log is sent to GFF Paperless.

94CB UPDATE **Software Update for Light Control Module – (NVLW)**		Audi

Warranty

Claim Entry Instructions

After Update has been completed, enter claim as soon as possible to help prevent work from being duplicated elsewhere. Attach the Elsa screen print showing action *open on the day of repair* to the repair order.

If customer refused campaign work or vehicle is out of the specified warranty parameter for this Update:

- ✓ <u>U.S. dealers:</u> Submit the request through Audi Warranty Online under the <u>Campaigns/Update</u> option.
- ✓ <u>Canada dealers:</u> Upload the repair order to Audi WIN/Operations/Campaign Closure.

Service Number	94CB
Damage Code	0099
Parts Vendor Code	002
Claim Type	Sold vehicle: 7 10 Unsold vehicle: 7 90
Causal Indicator	Mark labor as causal
Vehicle Wash/Loaner	Do not claim wash/loaner under this action
Criteria I.D.	01

	LABOR		
	Labor Op	**Time Units**	**Description**
	0150 00 10	SEE ELSA	GFF/Guided Functions *(connect battery charger + setup)*
	0150 00 60	Time stated on diagnostic protocol	GFF/Guided Functions *(replacement test plan and SVM update)*

94CB UPDATE
Software Update for Light Control Module – (NVLW)

Additional Actions	Some of the affected vehicles may be involved in additional Actions. Please check your Elsa Campaign/Action Information screen so that any *additional required work can be done simultaneously.*
Verifying Vehicle Eligibility	To verify vehicle eligibility for this Update, *always* check the Elsa Campaign/Action Information screen. The Elsa system is the *only* binding inquiry and verification system; other systems are not valid and *may result in non-payment* of a claim.
Help for Claim Entry	For questions regarding claim entry, contact Audi Warranty.
Required Customer Notification	Inform your customer in writing by recording on the Repair Order any and all work that was conducted on the vehicle, including any and all updates completed under this Update.

Required Special Tools

	Battery Tester/Charger capable of **minimum 90 Amp** continuous supply		Diagnostic Tester -VAS6150X/VAS6160X- (or equivalent)

Additional Information

All parts and service references provided in this Update are subject to change and/or removal. Always check Elsa for the most current version of this document.