

**Date: 06/24/2026
CAL FTL 54-041**

Subject: XMC02T Service Record Update for Smart Valve Wake Behavior

Make: Freightliner

Model: New Cascadia

Model Year Affected: 2024 and 2025

Build Date Range: Selected Vehicles Built From February 1st, 2023 through November 4th, 2024

Our records indicate that you are the owner of certain vehicles, and therefore DTNA has decided to share the following documentation with you.

Please see the attached communication in this email. We hope you find this information helpful.

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Build Date Range: Selected Vehicles Built From February 1st, 2023 through November 4th, 2024

General Information:

DTNA is updating the service records of the affected vehicles to allow access to a newer software version of XMC02T software. The vehicles impacted are showing a symptom that can cause the suspension to lower when the vehicle is turned on due to a delay in messaging between the XMC02T and HSV.

A list of affected vehicle identification numbers (VINs) is shown in the attached sheet.

Work Instructions

Follow the work instructions attached. Reference this CAL in the OWL claim story.

DAIMLER TRUCK

XMC Software Update via service record

For purposes of XMC/HSV ignition wake up communication errors



Work instructions

Step 1: Open Diagnostic Link. **DO NOT have a vehicle connected.** This step is extremely important.

Step 2: Open the Program Device tab and select Remove All.

Remove All

Step 3: Still in the Program Device tab. Click Add Request. The following screen will appear.

Step 4: Input the VIN you are preparing to update, ensure XMC02T is in the device list and click OK.

Troubleshooting

Instrumentation

Service Routines

I/O Control

Parameters

Program Device

CHEC

Request Equipment Data Download

Enter the identity of the equipment you wish to program.

Vehicle Identification ☒ VIN ☐ PIN

3AKJHHDR7SSVL7323

Engine Serial Number (Unit Number)

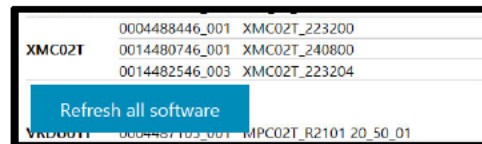
Device controllers for this equipment

+ Add X Remove

Device	Hardware Part Number
XMC02T	A66-15724-001

Work instructions continued

Step 5: In the Software menu list within Program Device select “Refresh all software” →



Step 6: The pending request will be added to the list. →

Pending requests for server data

Step 7: Click Connect to Server.

3AKJHHDR7SSVL7323 - 2025 Freightliner New Cascadia 126 Sleeper Cab

Step 8: Once the server data is downloaded, you'll see a green check next to the vehicle.

3AKJHHDR7SSVL7323 - 472912S1193665 - 2025 Freightliner New Cascadia 126 Sleeper Cab
✓ Unit data last downloaded today at 12:43 PM.
Powertrain status: OK
Chassis status: OK

Step 9: Connect to the vehicle and connect to the XMC02T. **DO NOT connect to server**

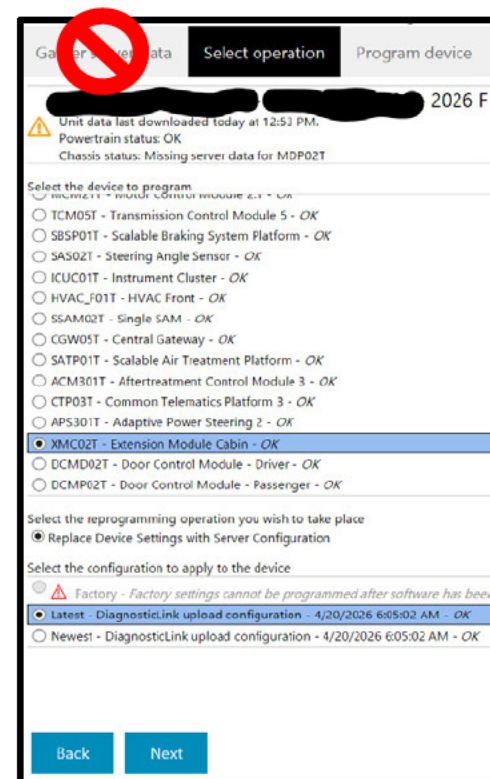
Step 10: Go directly to Program device and click Next.

Step 11: In the Select Operation page, select XMC02T and “Latest.”

Step 12: Click Next, verify the Target SW is shown as 07 46, click Start.

Target

A0014480746-001 (XMC02T_240800)



Work instructions continued

Warning: There will be a pop-up indicating a problem with Snowplow lighting parameters. Disregard this error. The new software contains a different size parameter set which causes this error. This error will have no impact on the vehicle.

 **XMC02T**

Software Version: **24.8.0** Part Number: **0014480746_001** Diagnostic Variant: **App_011A**

Unrecoverable errors occurred while programming parameters. Please contact the Daimler Trucks North America Customer Assistance Center, providing the information in the table below.

Part Number	Meaning	Domain	Fragment	Error	Notes
A0294470446-001	Defaultstring.Snow Plow Lighting Disabled	VCD_Snow_Plow_Lighting	n/a	DiagManager: 06130:VarCoding: default string don't match the domain length	• Default string length in CCF: 5 bytes • Domain length in connected variant App_011A: 12 bytes

Coding File Name: **XMC02T.169.ccf** Coding File Version: **02.08.00** Coding File Internal Date: **20.05.2026**

CCF-TRANSLATOR-VERSION:01.02.00 DATE:03.06.2026 FINGERPRINT:17.172.31.29 CCF:XMC02T LANGUAGE:ORIGINAL

Work instructions continued

Step 13: Verify the SW has been updated using the Identification Tab.

The screenshot shows the 'Identification' tab of a diagnostic tool. The left sidebar lists various functions: Identification, Fault Codes, Troubleshooting, Instrumentation, Service Routines, I/O Control, Parameters, Program Device, CEC, and Flash. The main area displays the 'Identification' tab for a 2026 Freightliner vehicle. It shows a list of systems with their UDS IDs and names: ABS02T - Antilock Braking System, ICUC01T - Instrument Cluster, SSAM02T - Single SAM, CGW04T - Central Gateway, OPSR01T - Obstacle Proximity Sensor Rear, ECP01T - Electronically Controlled Pneumatics, and XMC02T - Extension Module Cabin. Below this, the 'Device Configuration' section shows 'Software Mode' as 'Running in Application'. The 'Device Information' section shows 'Software Version' as 24.8.0, 'ECU Serial Number' as 32-35-31-38-34-31-32-32-30-39, 'Hardware Part Number' as A66-15724-001, and 'Software Part Number' as A001 448 07 46 ZGS 001. The 'Diagnostic Variant' section shows 'Diagnostic Variant Part Number' as A004449946-009. The 'Vehicle Identification' section is partially visible. A green arrow points to the 'Software Part Number' field, and a green checkmark is next to it.

System	UDS ID
Antilock Braking System	ABS02T
Instrument Cluster	ICUC01T
Single SAM	SSAM02T
Central Gateway	CGW04T
Obstacle Proximity Sensor Rear	OPSR01T
Electronically Controlled Pneumatics	ECP01T
Extension Module Cabin	XMC02T

Section	Item	Value
Device Configuration	Software Mode	Running in Application
	Device Information	
Device Information	Software Version	24.8.0
	ECU Serial Number	32-35-31-38-34-31-32-32-30-39
	Hardware Part Number	A66-15724-001
	Software Part Number	A001 448 07 46 ZGS 001
Diagnostic Variant	Diagnostic Variant Part Number	A004449946-009
	Vehicle Identification	

Step 14: Connect to server with the vehicle connected to save and overwrite the service records.

Step 15: Key cycle the vehicle and verify update has corrected the key-on ECAS message.

DAIMLER TRUCK

Please only utilize this instruction on the specific VINs
provided

These instructions do not follow standard SW update instructions due to the mechanism of
automatic software supersession and online software retrieval.

