



PREVOST

**SAFETY
RECALL**

SR23-26

DATE :	September 2023	SECTION :	06 ELECTRICAL
SUBJECT:	ENGINE CONTROL MODULE (ECM) SOFTWARE UPDATE - Engine Cooling Strategy		

First Release

09/27/2023

APPLICATION

<p align="center">IMPORTANT NOTICE TO SERVICE CENTERS</p> <p align="center"><i>Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Parts and Service / Warranty tab of PrevoSt's website.</i></p>			
Model	VIN		
X3-45 VIP motorhomes Model Year: 2018 & 2019	2PCBS3495JC736262	2PCBS3493JC736311	2PCBS3498KC736421
	2PCBS3490JC736301	2PCBS3492KC736365	
X3-45 VIP commercial use Model Year: 2017 - 2019	2PCCS33490HC736195	2PCC33496JC736305	2PCCS3494KC736453
	2PCCS3490JC736271	2PCC33497KC736363	2PCCS3499KC736464
	2PCCS3493JC736281	2PCCS3490KC736420	2PCCS3496KC736471
	2PCCS3491JC736294		
X3-45 coaches Model Year: 2018 - 2019	Canada built		
	2PCS33494JC736296	2PCG33490KC736366	2PCG33499KC736429
	US built		
	4RKG33498K9737549		
X3-45 Commuter Model Year: 2018 - 2019	4RKJ33492J9737485	4RKJ33493K9737545	4RKJ33495K9737546
	4RKJ33496J9737523		

<p>H3-45 coaches Model Year: 2019 - 2020</p>	<p>2PCH33494KC710194 2PCH33496KC710195 2PCH33495KC710205 2PCH33499KC710207 2PCH33491KC710234 2PCH33495KC710253 2PCH33495KC710303 2PCH33497KC710304 2PCH33494KC710308 2PCH33493KC710350 2PCH33490KC710354 2PCH3349XKC710362 2PCH33499KC710370 2PCH33494KC710390 2PCH33491KC710394 2PCH33497KC710416 2PCH33495KC710480 2PCH33494KC710485 2PCH33496KC710486 2PCH33498KC710487 2PCH33497KC710500</p>	<p>2PCH33499KC710515 2PCH33498KC720520 2PCH3349XKC720521 2PCH33492KC720528 2PCH33494KC720532 2PCH33491KC720536 2PCH33494KC720546 2PCH33493KC720568 2PCH33491KC720570 2PCH33495KC720572 2PCH33492KC720576 2PCH33496KC720595 2PCH33498KC720596 2PCH33496KC720600 2PCH33491KC720603 2PCH33493KC720604 2PCH33499KC720638 2PCH33497KC720640 2PCH33499KC720641 2PCH33490KC720642</p>	<p>2PCH33496KC720662 2PCH3349XKC720664 2PCH33495KC720670 2PCH33491KC720679 2PCH33492KC720688 2PCH33494KC720689 2PCH33490KC720690 2PCH33496KC720712 2PCH33498KC720713 2PCH33499KC720722 2PCH33496LC720727 2PCH33498LC720728 2PCH33491LC720747 2PCH33495LC720752 2PCH33498LC720759 2PCH33497LC720767 2PCH33490LC720769 2PCH33493LC720779 2PCH3349XLC720794 2PCH33491LC720795</p>
<p>H3-45 VIP motorhomes Model Year: 2018 - 2020</p>	<p>2PCVS3495JC710113 2PCVS349XKC710299 2PCVS3495KC710310 2PCVS3494KC710315 2PCVS3493KC710337 2PCVS3499KC710360 2PCVS3498KC710365 2PCVS3496KC710378 2PCVS349XKC710383</p>	<p>2PCV33490KC710387 2PCVS3499KC710410 2PCVS3496KC710414 2PCVS3498KC710429 2PCVS3499KC710441 2PCVS3496KC710459 2PCVS349XKC720525 2PCVS3498KC720555 2PCVS3491KC720591</p>	<p>2PCVS3492KC720597 2PCVS3495KC720609 2PCVS3490KC720663 2PCVS3491KC720669 2PCVS3499KC720693 2PCVS3491LC720723 2PCVS3498LC720735 2PCVS3493LC720772</p>
<p>This Safety Recall does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this recall will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.</p>			

DESCRIPTION

On the vehicles involved, perform the latest software update of the Engine Control Module.

Please contact your nearest Prevest Service Center or Prevest service manager and schedule an appointment to have the required software update applied.

SOFTWARE TOOL NEEDED

Description
Latest version of Premium Tech Tool (PTT) with appropriate communication interface equipment

PROCEDURE



Park vehicle safely, apply parking brake, stop the engine.

Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

1. Connect the vehicle's battery charger to a 120-Volt outlet.

2. Connect Premium Tech Tool (PTT) to the vehicle On-Board Diagnostics connector (OBD). Connect the PC to a functional LAN or Wi-Fi connection and a power source.

3. Turn the ignition switch to "ON". Activate the hazard warning flashers to prevent the vehicle from entering sleep mode.

4. Log in to PTT.

5. On **Product** tab (item A), identify the vehicle (item B).

Product Product History Diagnose Test Calibrate Program Impact

Selected Product (PREVH 720635)

Refresh Settings Manual Selection... Latest Selections... OBD/LVD

Product Details

Chassis ID: PREVH 720635
VIN: 2PCH33493KC720635

Model: PREVH
Company: Volvo Buses

Emission Level: US17 + OBD2016

Electrical System: Multiplexed version 3

Product Status

Status	Description
✓	No DTCs with status Active.
✓	Control unit information. Details >>
i	Current battery level: 14.1 V.

Connectivity

Status	Description
✓	VOCOM I (USB) is connected to the computer.
✓	The selected product PREVH 720635 is connected. Product Data Retrieved: 2019-05-21 14:30:17
✓	Central Data Retrieved: 2019-05-21 14:30:22

Campaigns (0)
There are no available campaigns for this product.

6. Select **Program** tab and then **1700-08-03-39 Program Electronic Control Unit**. Click **Start**.

Program
Select an operation and click Start

1700-08-03-39 Program Electronic Control Unit

1700-22-03-03 Parameter, programming
1700-22-03-02 System Date and Time
1700-22-03-06 Accessory Kit
1700-22-03-11 Campaign
1700-22-03-12 Replace Hardware
1700-22-03-13 Program with Stored Software
1700-08-03-40 Handle Component
1700-22-03-14 Synchronize electronic control unit data
3810-22-03-10 Change Language
3837-22-03-01 Odometer programming

1700-08-03-39 Program Electronic Control Unit

To run the operation in simulation mode, select Run as simulated
 Run as simulated

Description

This operation is used to program a selected Electronic Control Unit. Parameter values will be transferred to the new software

Note: DTCs in the programmed Electronic Control Units will be cleared

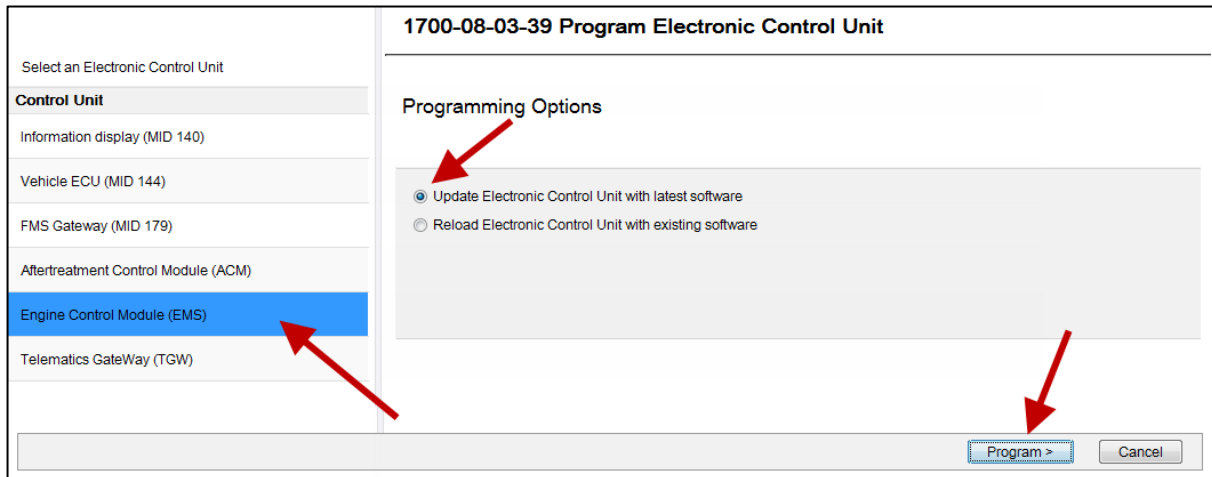
Update software
This option programs the selected Electronic Control Unit with updated software. If any other Electronic Control Units are affected by the update, they will also be programmed at the same time

Reload software
This option reloads the selected Electronic Control Unit with the software version that is currently in use by the control unit

Note: It may be necessary to perform calibrations after an Electronic Control Unit has been programmed
It is necessary to perform a DTC readout on the complete product after the operation in order to secure that no new active DTC has occurred

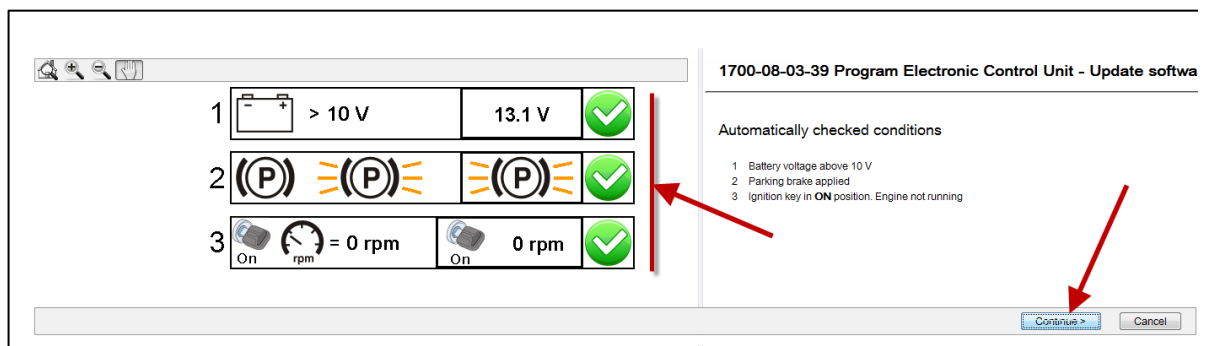
Start >

7. Select **ENGINE CONTROL MODULE (EMS)**.
8. Select the following programming option "Update Electronic Control Unit with latest software".
9. Click **Program** button.



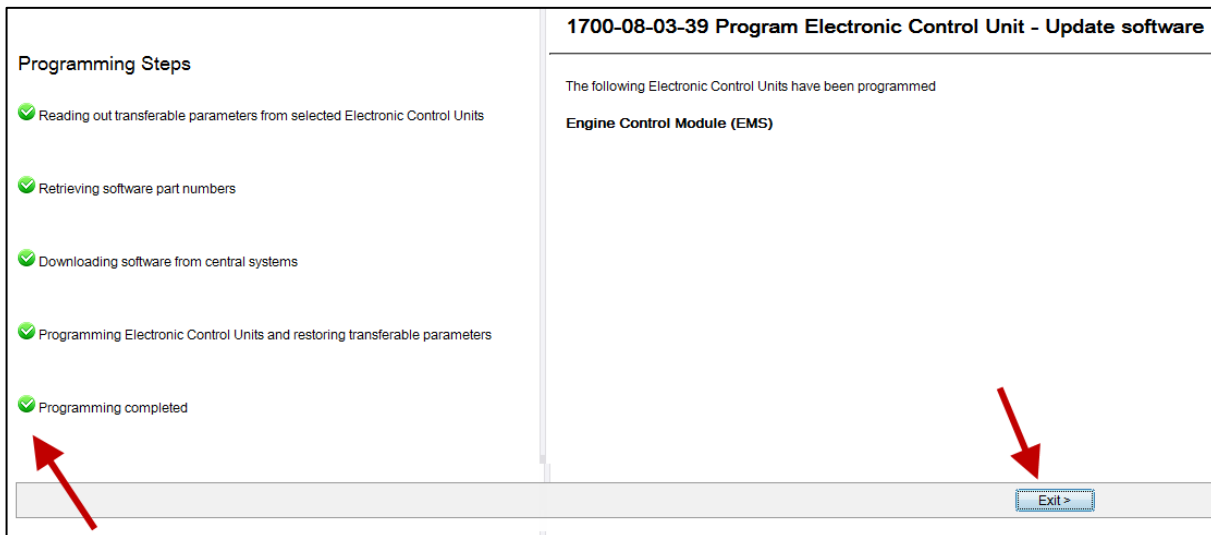
10. Certain conditions must be met to allow programming:
 - I. battery voltage above 10 Volts;
 - II. parking brake applied;
 - III. ignition key in ON position and the engine is not running.

When all conditions have been met, click **Continue** to proceed with programming.



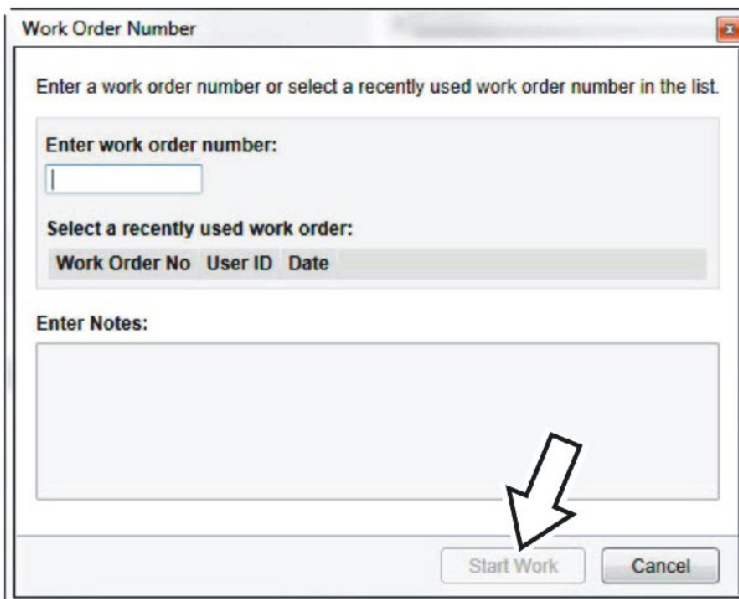
11. Wait until all Programming Steps check turn to green color (Programming completed).

12. When the programming is complete, click **Exit** button.



13. Clear any diagnostic trouble codes (DTC).

14. Enter the Work Order Number information and then click Start Work.



WARRANTY

This safety recall is covered by Prevost's normal warranty. We will reimburse 1/2 hour (0.5) of labor upon receipt of a warranty claim. Please submit claims via our Online Warranty System, available at www.prevostcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin SR23-26".

OTHER

VBC Bulletin	N/A
Fail Code	06.27-2
Defect Code	49
Syst. Cond	R
Causal Part	3092091

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by e-mail.

