Emissions Recall

EC0017A

ENGINE CONTROL MODULE (ECM) SOFTWARE UPDATES

Prevost and Volvo vehicles

REVISION : A

THIS BULLETIN SUPERSEDES PREVIOUS VERSION.

08-30-2017

Campaign completion label relocated to front junction box.

DESCRIPTION

The vehicles affected by this bulletin may be equipped with an improperly functioning on-board emission- related diagnostic system that violates California and Federal standards and regulations.

The issue pertains to certain OBD (On-Board Diagnostic) monitors that may not illuminate the Malfunction Indicator Lamp (MIL) at the required threshold limits. This issue has no impact on fuel economy, drivability, performance, or safety of the engines.

To correct this issue, software updates are available for Prevost Engine Control Modules (ECM) for model year 2013 D13 Engines.

Please contact your nearest Prevost Service Center or Prevost service manager and schedule an appointment to have the required repairs applied.

MODEL YEAR(S) AND VEHICLES INVOLVED

NOTICE TO SERVICE CENTERS
*Verify vehicle eligibility by checking warranty bulletin status with **SAP** or via **ONLINE WARRANTY SYSTEM** available on Service / Warranty tab of Prevost website.*

Model	VIN
H3-45 coaches Model Year : 2013 - 2014	From 2PCH33499**D**C71**2364** up to 2PCH33496**E**C71**2601** incl.
H3-45 VIP motorhomes Model Year : 2013 - 2014	From 2PCVS3490**D**C71**2369** up to 2PCVS3495**E**C71**2594** incl.
X3-45 coaches Model Year : 2014	From 2PCG33497**E**C73**5459** up to 2PCG33493**E**C73**5622** incl.
X3-45 VIP motorhomes Model Year : 2013 - 2014	From 2PCBS3493**D**C73**5485** up to 2PCBS3490**E**C73**5607** incl.
X3-45 VIP commercial use Model Year : 2014	From 2PCCS3497**E**C73**5494** up to 2PCC33499**E**C73**5624** incl.
XLII-45 Entertainer Model Year : 2013	From 2PCY33491**D**C73**5461** up to 2PCYS3498**D**C73**5489** incl.
9700 Volvo coaches Model Year : 2014	From 3CET2S222**E**5**162000** up to 3CET2S223**E**5**165486**

	incl.

This bulletin 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 bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
85152363	Emissions Recall Completion Sticker (All)	1

EQUIPMENT NEEDED

Description	Qty
Premium Tech Tool (PTT) version 2.05.23 or higher	1
Vocom Diagnostic Connector 88890304	1
Communication Interface 88890300	1

NOTE
- Using other interfaces may affect programming speed.
- Check Premium Tech Tool version by clicking on Help tab and then click on "About Tech Tool".

PROCEDURE

⚠ **DANGER**
Prior to working on the vehicle, park vehicle safely, apply parking brake and set the ignition switch to the ON position with the engine not running.
Do not attempt to repair or service this vehicle without having sufficient training, the correct service literature and the proper tools. Failure to follow this could make the vehicle unsafe and lead to serious personal injury or death.

Software Update Procedure

Emissions Recall

EC0017A

You must read and understand the precautions and guidelines in Impact; Service Information, group 20, "General Safety Practices, Engines" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

NOTE
Information is subject to change without notice. Illustrations are used for reference only, and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

1. Verify service program eligibility by checking service program status in VDA.

2. Connect Premium Tech Tool (PTT) to the vehicle diagnostic connector using the 16 pin OBD cable 88890304 and Communication Interface 88890300. Connect the PC to a functional LAN or modem connection and a 120 Volt AC source.

3. Turn the ignition switch **"ON"**.

4. Log in to PTT and Identify Vehicle is displayed.

5. Once the vehicle has been identified, enter the Work Order Number information, then click Start Work.

6. From the Main Menu, select Program and **then** Program Electronic Control Unit 1700-08-
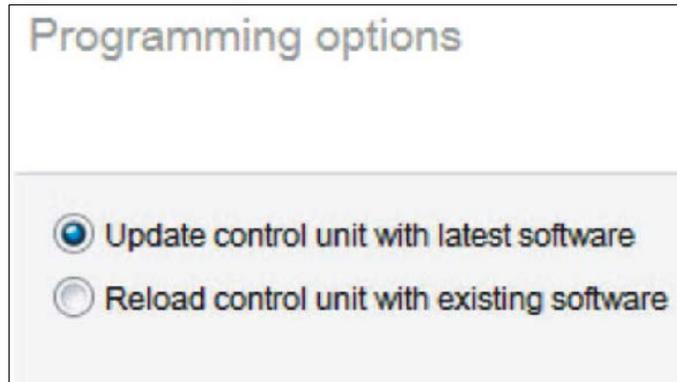
03-39. Then click Start.
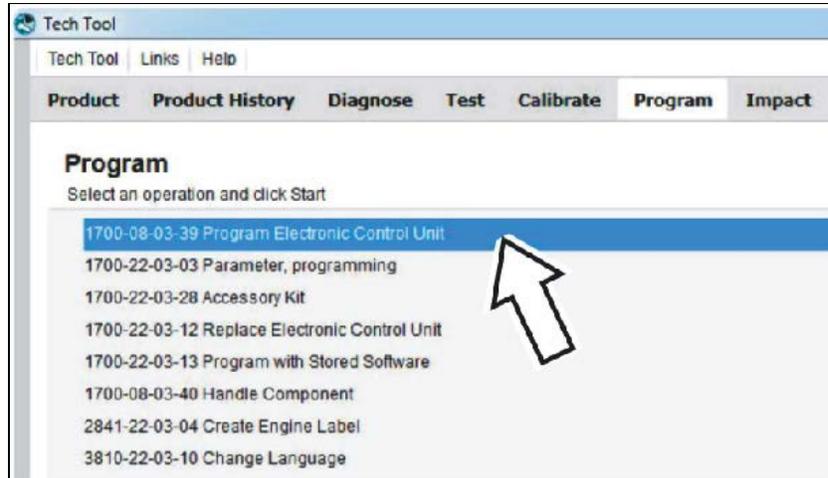
7. Select **EMS**.
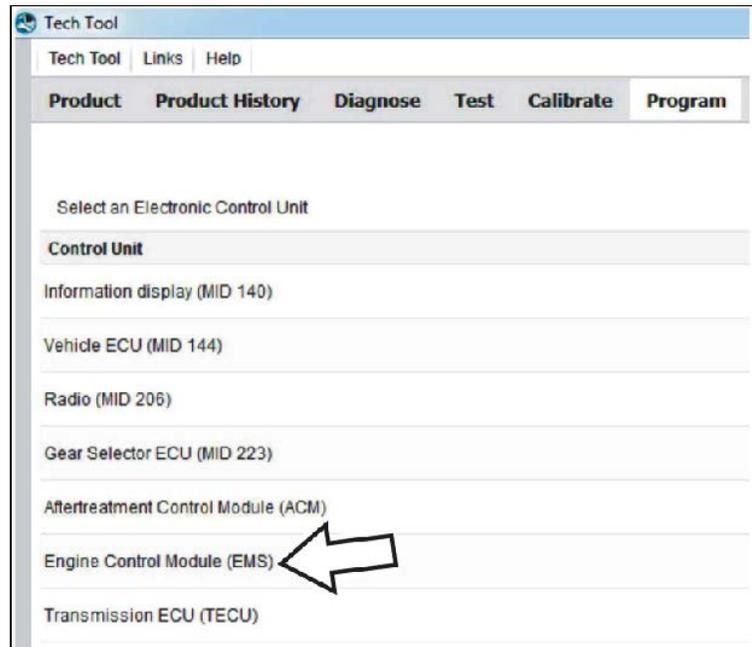
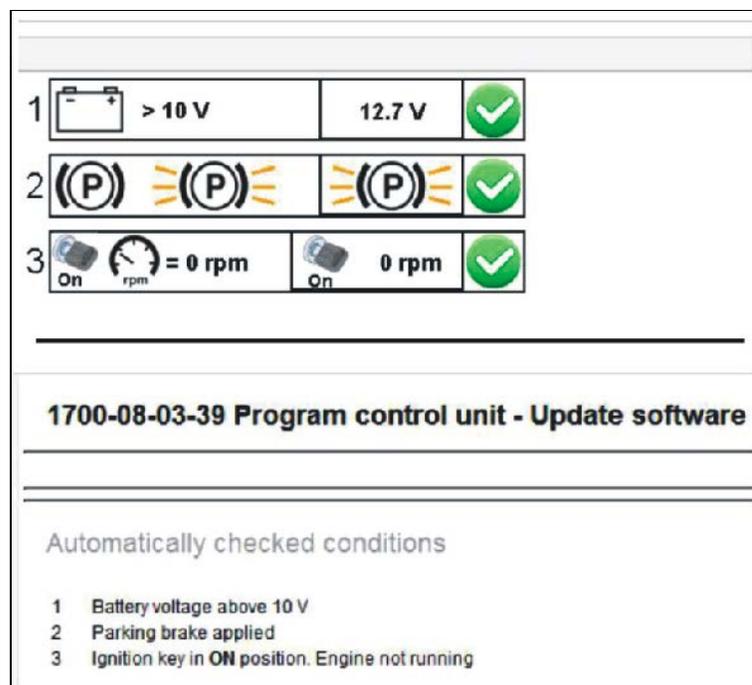

8. Select Program to update the **EMS** with the latest software.

Emissions Recall

EC0017A

9. Certain conditions must be met to continue with programming: battery voltage above 10v, parking brake applied, and ignition key in ON position with engine not running. When all conditions have been met, click Continue to proceed with programming.

10. Select "I accept" to agree to the terms and press continue to proceed. **Note:** In the United States and Canada, the programing is NOT chargeable. An invoice will not be generated.

Emissions Recall

EC0017A

11. If the software is already updated, this screen opens. Select Yes to reload existing software.

12. When the programing is complete, clear any diagnostic trouble codes (DTC) and Finish Work.

NOTE
Use a campaign completion label (85152363) to signify that the campaign has been completed, use a permanent type marker to write the recall number, the completion date (MM/DD/YYYY) and dealer code on the label. The label is to be applied to the <u>inside of the Front Junction Box door</u> of all Prevost

Emissions Recall

EC0017A

Date	Expiration	Release	Page
07.2017	**N/A**	**1**	**7(9)**

and Volvo 9700 vehicles as shown in the illustrations.

NOTE

A Certificate of Emissions Recall Completion is also provided at the end of this bulletin. Fill in the appropriate information and give the certificate to the customer/owner of the vehicle.

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you 3/4 hour (0.75) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at www.prevostcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select ''Warranty Bulletin EC0017A ".

OTHER

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

Access all our Service Bulletins on *http://techpub.prevostcar.com/en/*

or scan the QR-Code with your smart phone.

E-mail us at **technicalpublications_prev@volvo.com** and type "ADD" in the subject to receive our warranty bulletins by e-mail.

Prevost engages in a continuous program of testing and evaluating to provide the best possible product. Prevost, however, is not committed to, or liable for updating existing products.

Emissions Recall

EC0017A

Date	Expiration	Release	Page
07.2017	**N/A**	**1**	**9(9)**

CERTIFICATE OF EMISSIONS RECALL COMPLETION (should be kept in vehicle).

----- CUT HERE --

Vehicle Emissions Recall – Proof of Correction

License Number	Make	Year Model	Body Type	Vehicle Identification Number

Manufacturer: Recall Number:

The above described vehicle has been repaired, modified to address the Emissions Related Recall that is listed above.

Branch/Dealer's   Address, City, State/Province

_____

Authorized Signature

X_____

Return this certificate to DMV only when required - otherwise retain for your records.

----- CUT HERE --