

Emissions Recall

EC0016A

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07.2017	N/A	1	1(9)

13 LITER ENGINE, INDUCEMENT ALGORITHM

Prevost and Volvo vehicles

REVISION : A THIS BULLETIN SUPERSEDES PREVIOUS VERSION.
08-30-2017 Campaign completion label relocated to front junction box.

DESCRIPTION

On the vehicles affected by this bulletin, software updates are available for the Engine Control Module (ECM) for certain Prevost and Volvo vehicles equipped with a 2015 model year D13 engine. The software update is to address an emission-related defect involving the inducement algorithm of the Selective Catalytic Reduction (SCR) System. The defect does not result in an emissions impact during normal operation. The issue has no impact on fuel economy, driveability, performance, or safety.

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	
<i>Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.</i>	
Model	VIN
H3-41, H3-45 coaches Model Year : 2015 - 2016	From 2PCH33494 <u>FC712923</u> up to 2PCH33491 <u>GC713366</u> incl.
H3-45 VIP motorhomes Model Year : 2015 - 2016	From 2PCVS3498 <u>FC712929</u> up to 2PCVS3496 <u>GC713367</u> incl.
X3-45 coaches Model Year : 2015 - 2016	From 2PCG33492 <u>FC735872</u> up to 2PCG3349X <u>GC736088</u> incl.
	From 4RKG33493 <u>F9737030</u> up to 4RKG33490 <u>G9737309</u> incl.
X3-45 VIP motorhomes Model Year : 2015 - 2017	From 2PCBS3491 <u>FC735892</u> up to 2PCBS3495 <u>HC736093</u> incl.
X3-45 VIP commercial use Model Year : 2015 - 2016	From 2PCCS3496 <u>FC735875</u> up to 2PCCS3498 <u>GC736091</u> incl.
9700 Volvo coaches Model Year : 2015 - 2016	From 3CET2V221 <u>F5171371</u> up to 3CET2V42X <u>G5176275</u> 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.	

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MATERIAL NEEDED

Order the following parts:

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

TOOLS 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

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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.

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.

Work Order Number

Enter a work order number or select a recently used work order number in the list.

Enter work order number:

Select a recently used work order:

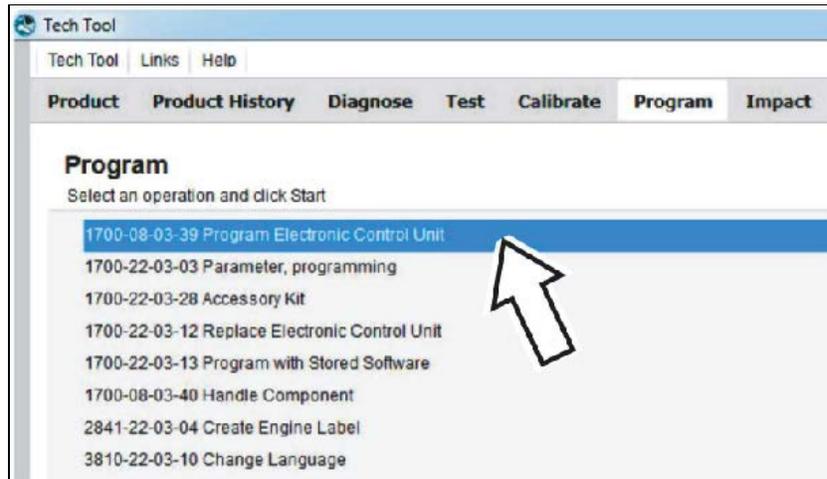
Work Order No	User ID	Date
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Enter Notes:

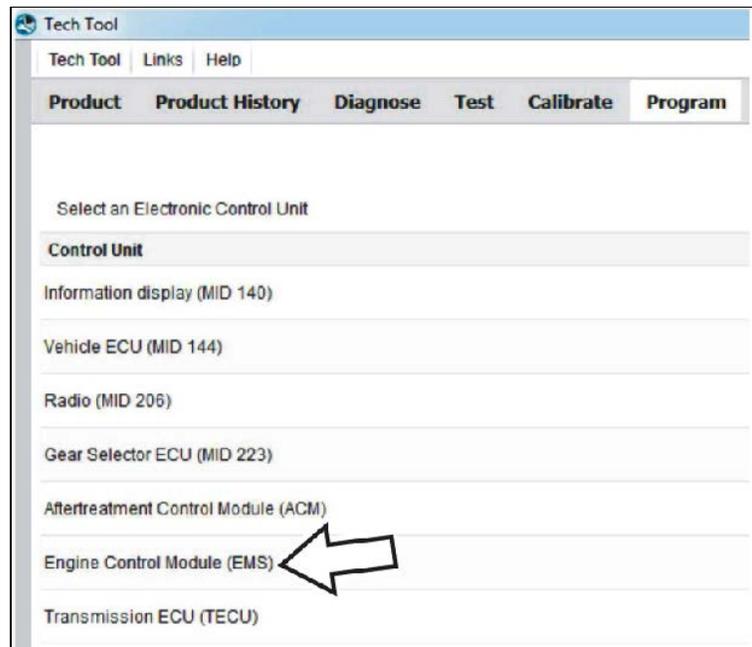
Start Work Cancel

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

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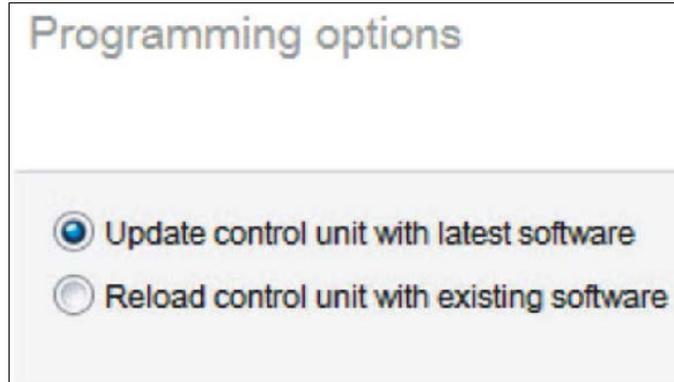


7. Select **EMS**.

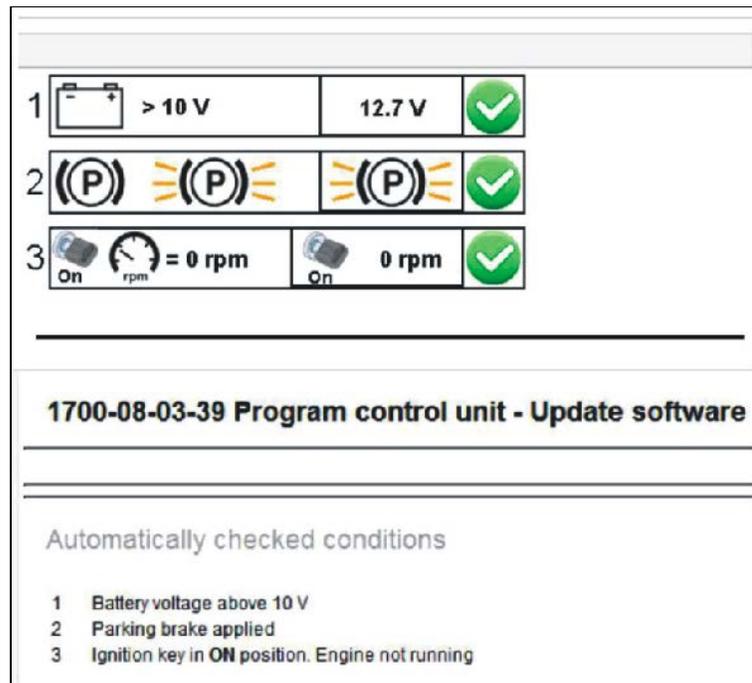


8. Select Program to update the **EMS** with the latest software.

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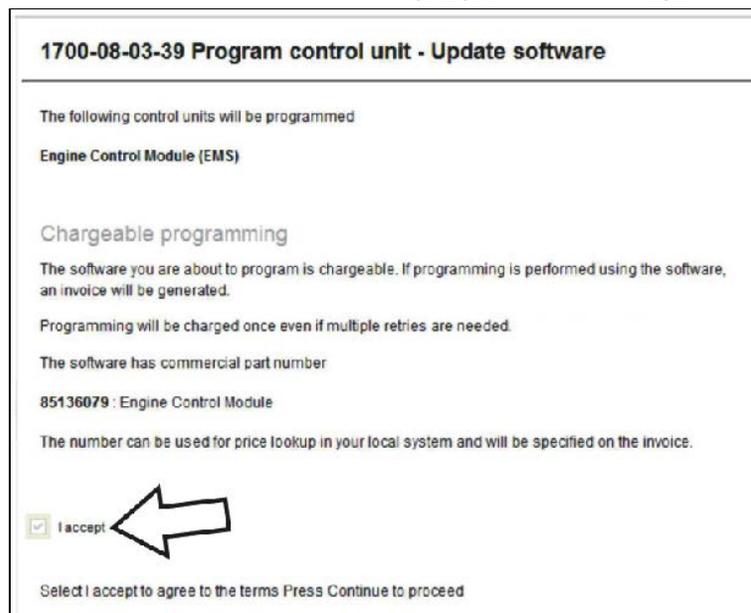


9. Certain conditions must be met to continue with programming: battery voltage above 10v, parking brake applied, and ignition key in ON position with engine not running. When all conditions have been met, click Continue to proceed with programming.

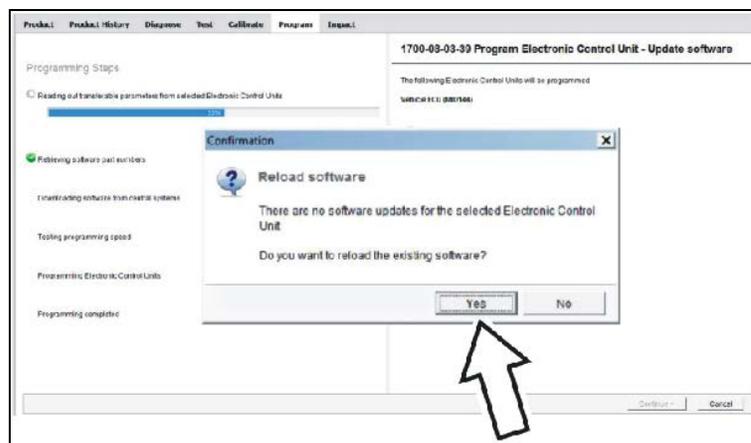


10. Select "I accept" to agree to the terms and press continue to proceed. **Note:** In the United States and Canada, the programing is NOT chargeable. An invoice will not be generated.

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



12. When the programming 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 inside of the Front Junction Box door of all Prevost and Volvo 9700 vehicles as shown in the illustrations.

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PARTS / WASTE DISPOSAL

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

WARRANTY

This modification is covered by Prevest'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.prevestcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin EC0016A".

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.prevestcar.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.



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

