

Conversion Kit

CK17-27

Date	Expiration	Revision	Page
10.2017	N/A	0	1(11)

ACB RADAR DISABLING - ACCESSORY KIT 23187585

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, it is possible to disable the ACB radar following the instructions provided below.

MODEL YEAR(S) AND VEHICLES INVOLVED

Model	VIN
All Prevost Vehicles Model Year : All	Vehicles equipped with ACB Radar.

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
562581	DEUTSCH connector 6C SHP	1
561996	Sealing plug	6

Use a laptop computer equipped with the following tools:

Description	Qty
PTT (Premium TechTool)	1
VPG (Vehicle Program Generator). **Contact your Prevost Service Manager or your Prevost Service Center	1
ESP (Electronic Stability Program)	1

NOTE

Material can be obtained through regular channels.

PROCEDURE

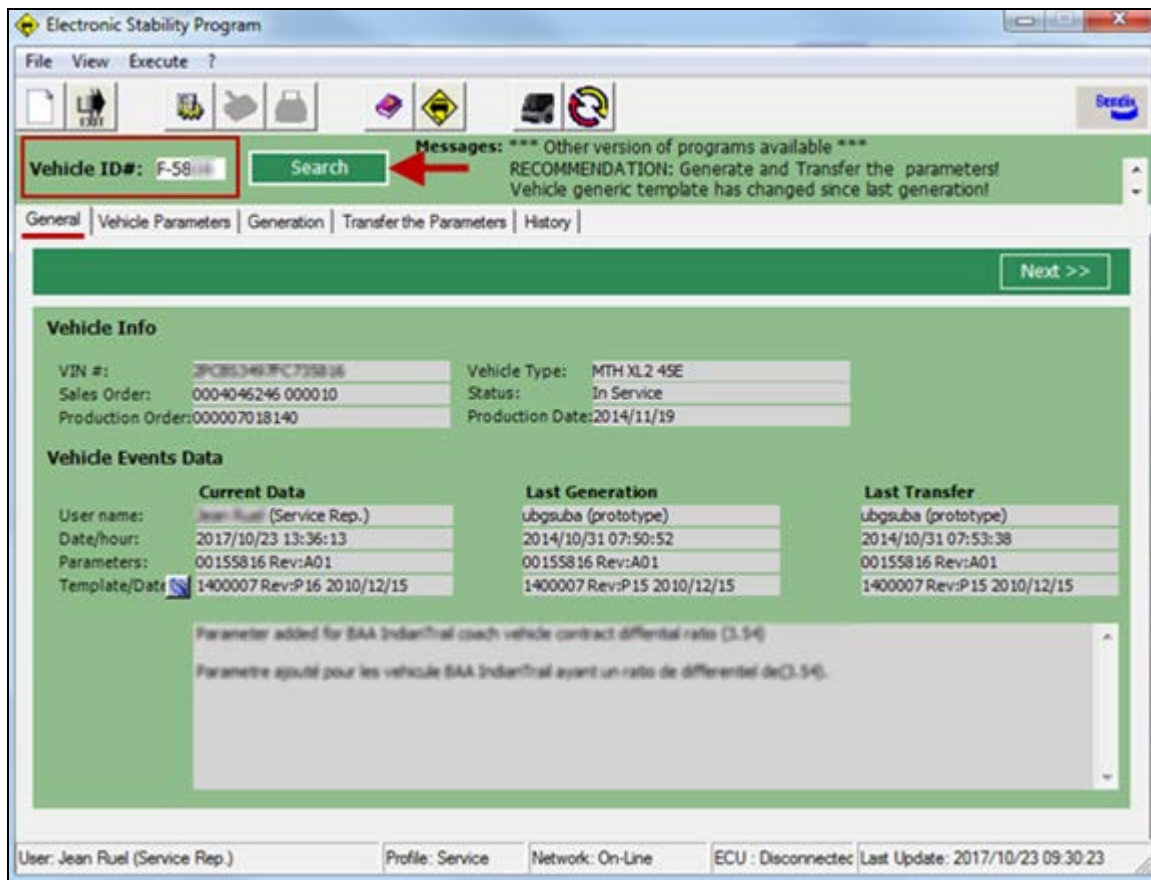
DANGER

Park vehicle safely, apply parking brake, stop engine and set the ignition key to the ON position.

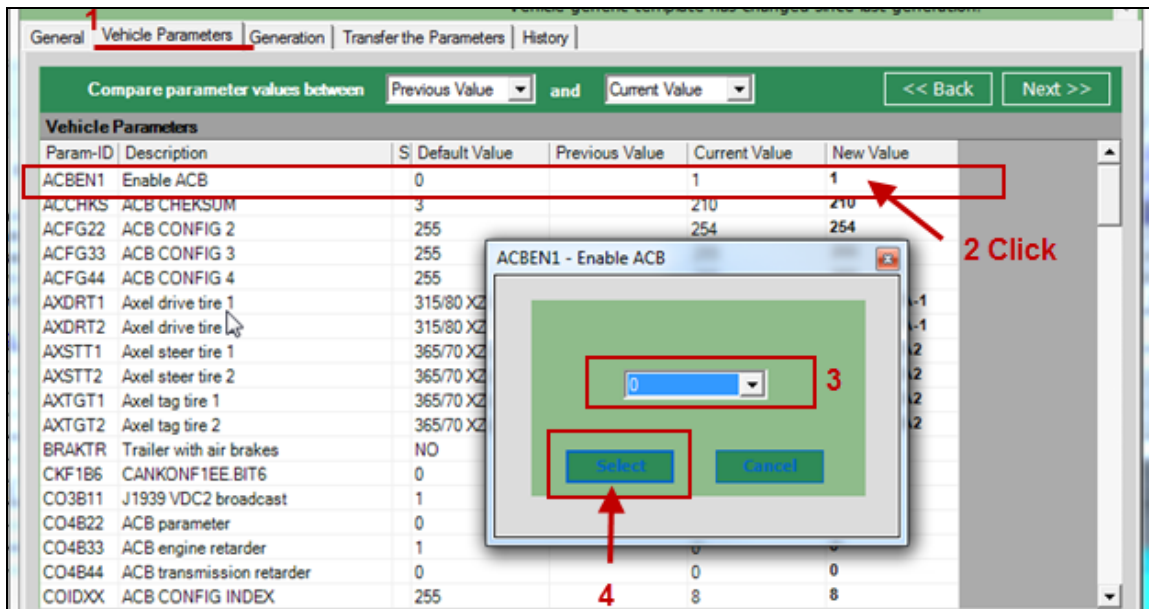
PART 1: GENERATE ESP PROGRAM

You need to make an appointment in a Prevest Service Center or contact your Prevest Service representative to have this part completed as it requires ESP (Electronic Stability Program) software.

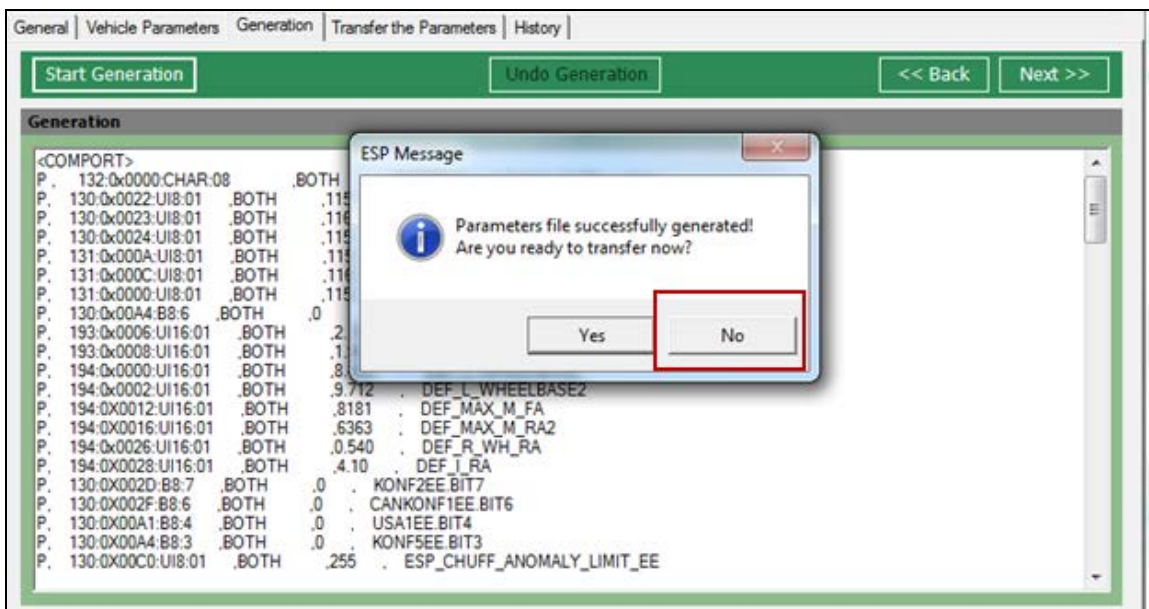
1. Connect Nexiq USB link (or equivalent) interface cable to the DDR connector.
2. Open ESP and enter the vehicle unit number (short VIN). Click SEARCH to access the vehicle General info tab.



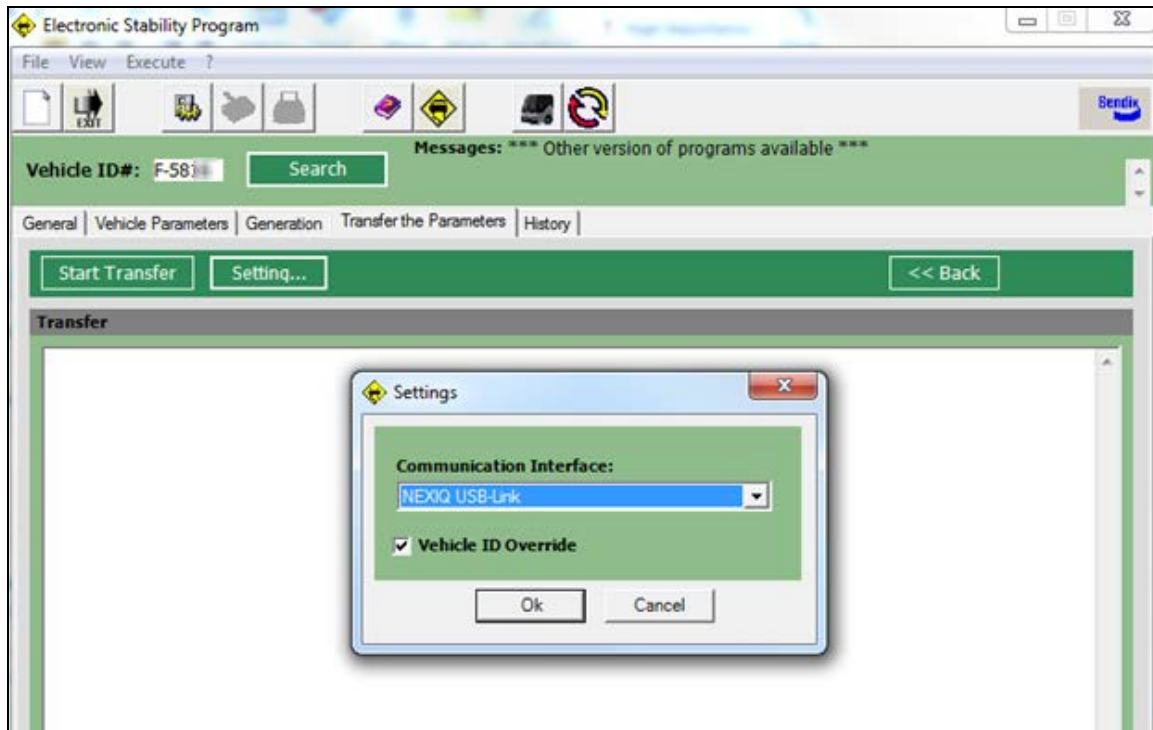
3. Click on the VEHICLE PARAMETER tab to access the vehicle options and locate the ACB radar ID (ACBEN1).
4. Click on new value to open the parameter value box and change the parameter to "0". Click SELECT to validate the change.



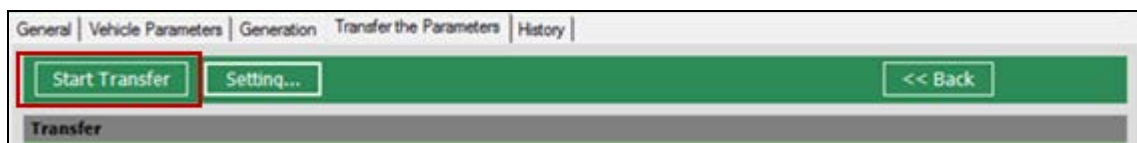
5. Do not start the program generation. Click NO on the ESP Message box.



6. Go to the TRANSFER THE PARAMETERS tab and select the correct interface equipment used. Make sure the selected option is equal to the equipment connected to the vehicle or the program generation will not proceed (in this example, the Nexiq USB-Link is used). Click OK to validate.



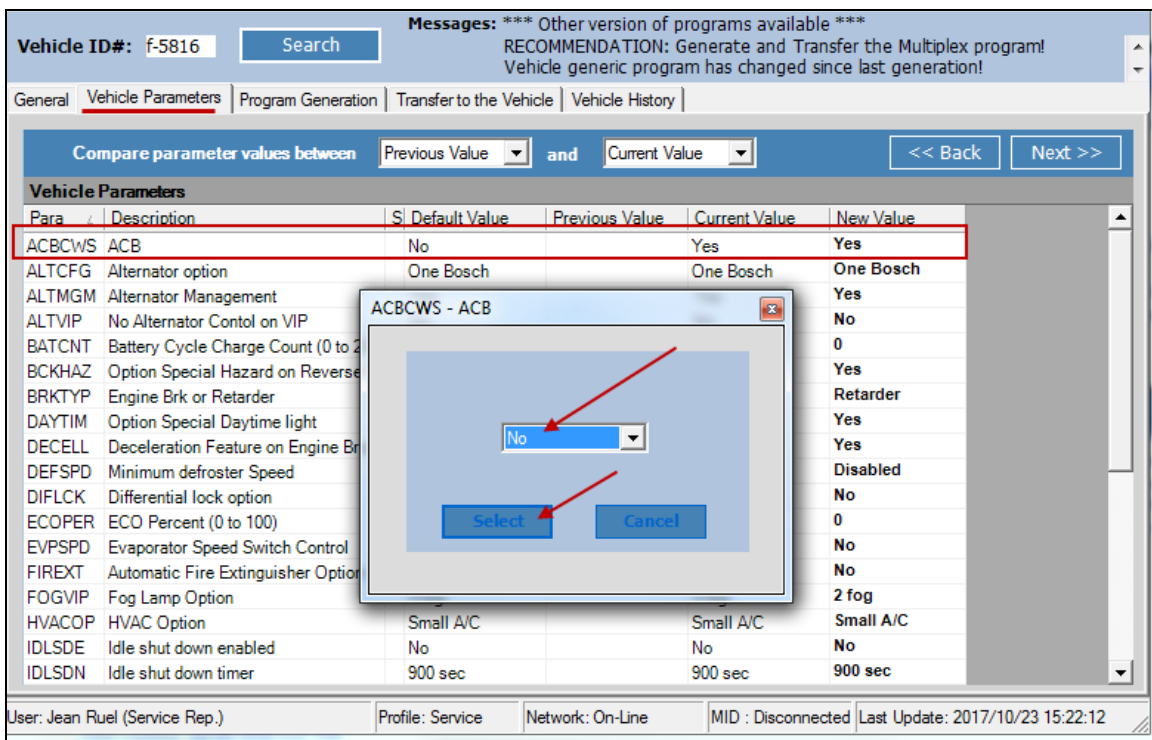
7. Click START TRANSFER to modify the parameters.



PART 2: GENERATE A VPG PROGRAM

You need to make an appointment in a Prevest Service Center or contact your Prevest Service representative to have this part completed as it requires VPG (Vehicle Program Generator) software.

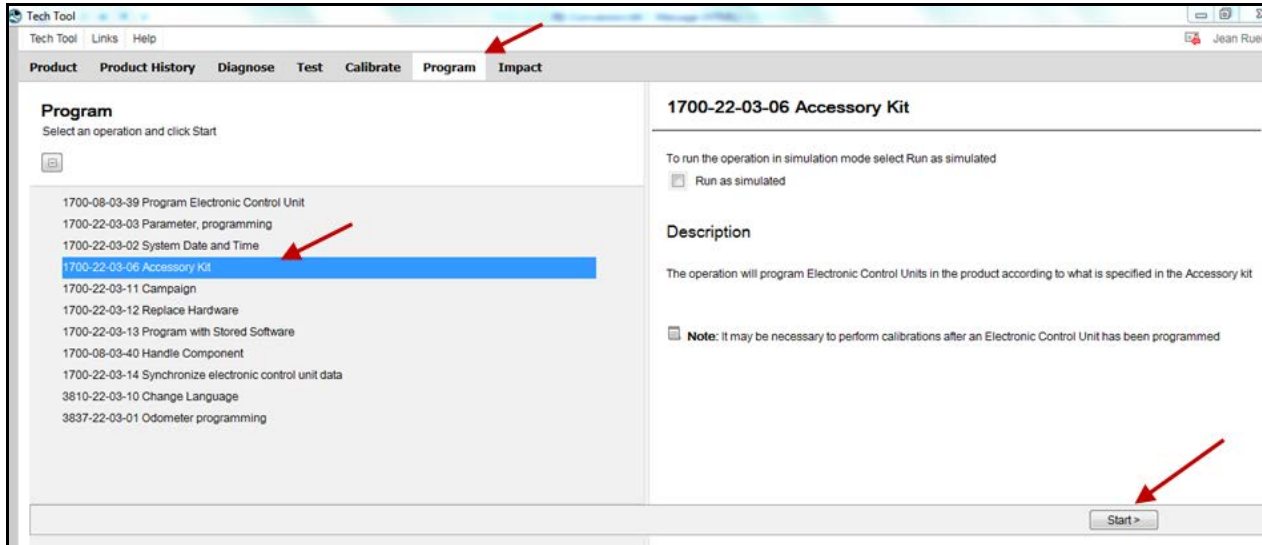
8. Connect VPG interface cable to the DB9 connector.
9. Change ACBCWS parameter value. Initial value is **YES**; change this value for **NO** using the drop-down list, then click on SELECT.



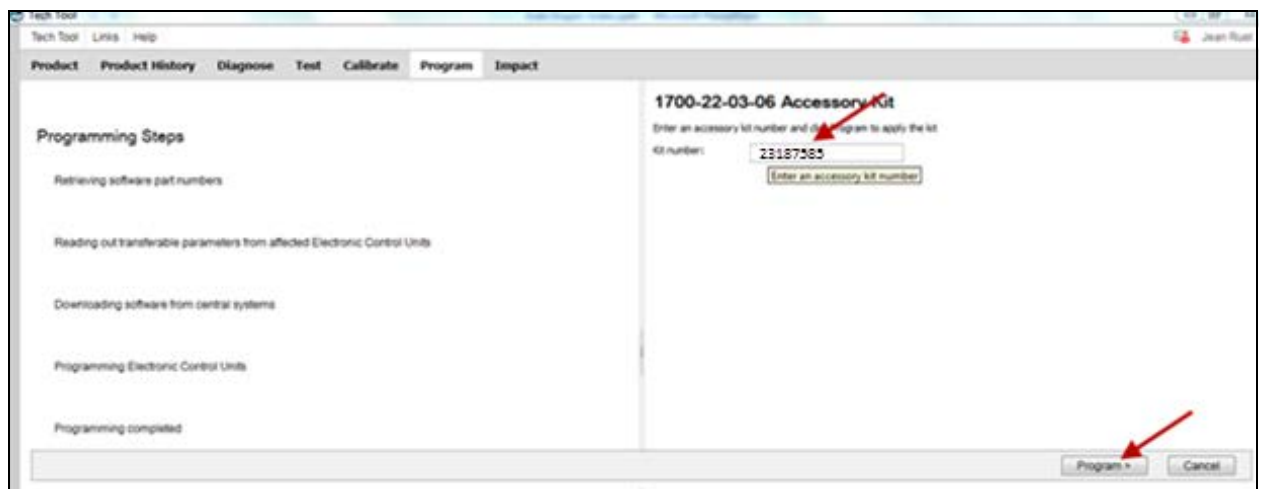
10. Select the PROGRAM GENERATION tab and follow instructions according to the usual procedure.
11. Select the TRANSFER TO THE VEHICLE tab and follow instructions according to the usual procedure.

PART 3: RUN ACCESSORY KIT

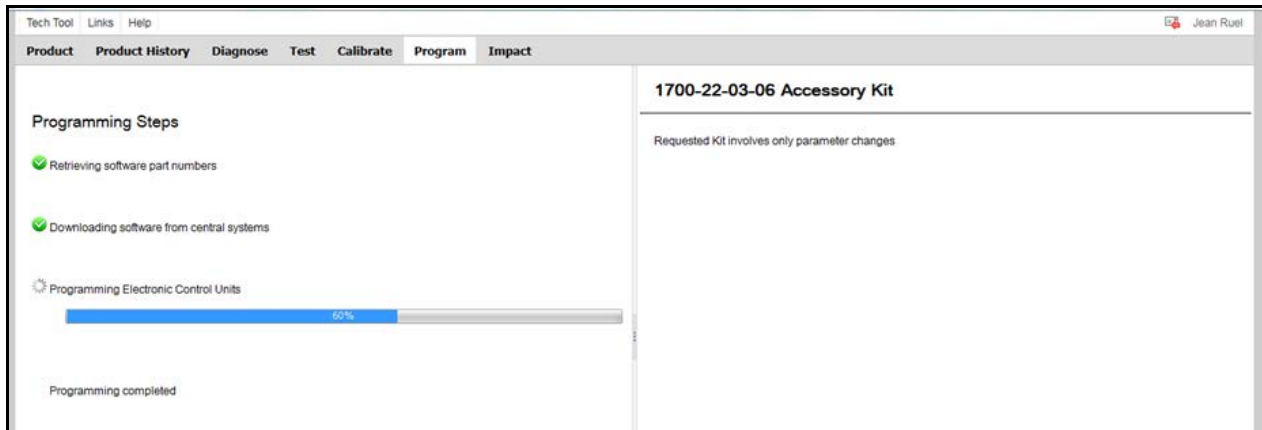
1. In Premium TechTool, select PROGRAM tab. In PROGRAM tab, select operation: 1700-22-03-06 Accessory Kit, then click START.



2. Enter the accessory kit number 23187585.



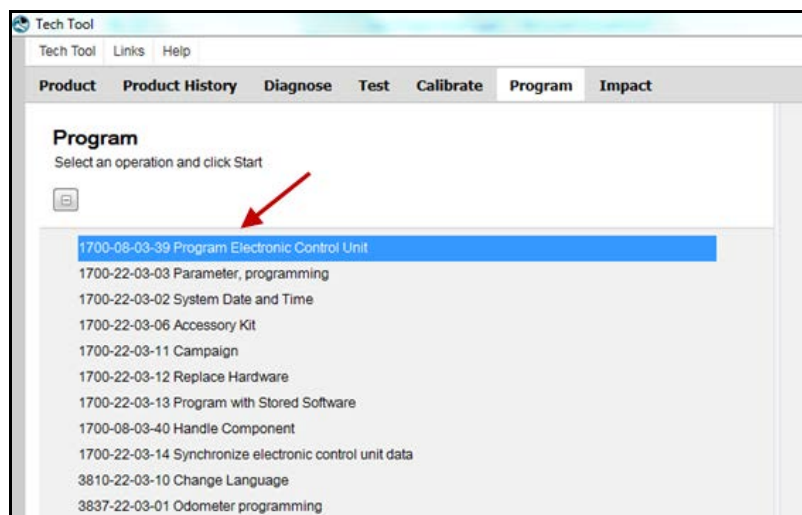
3. Click on PROGRAM button below and then follow the instructions. The programming process will start.



PART 4 – PROGRAM INSTRUMENT CLUSTER (MID140) – FOR NON OBD VEHICLES*

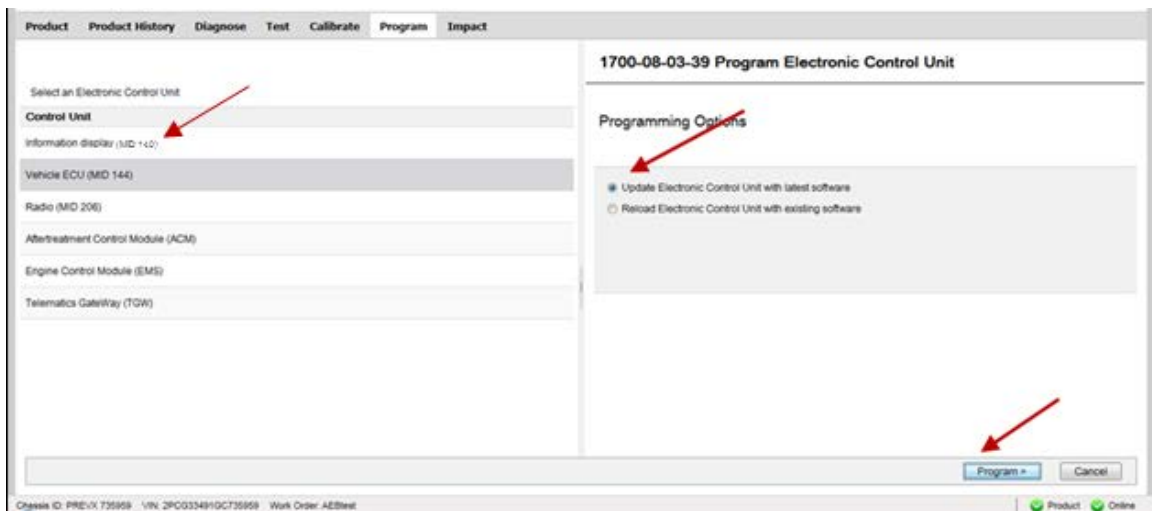
* PRIOR TO VEHICLE D-2364 (H-SERIES) AND E-5459 (X-SERIES)

1. In Premium TechTool, select PROGRAM tab. In PROGRAM tab, select operation: 1700-08-03-39 Program Electronic Control Unit then click START.



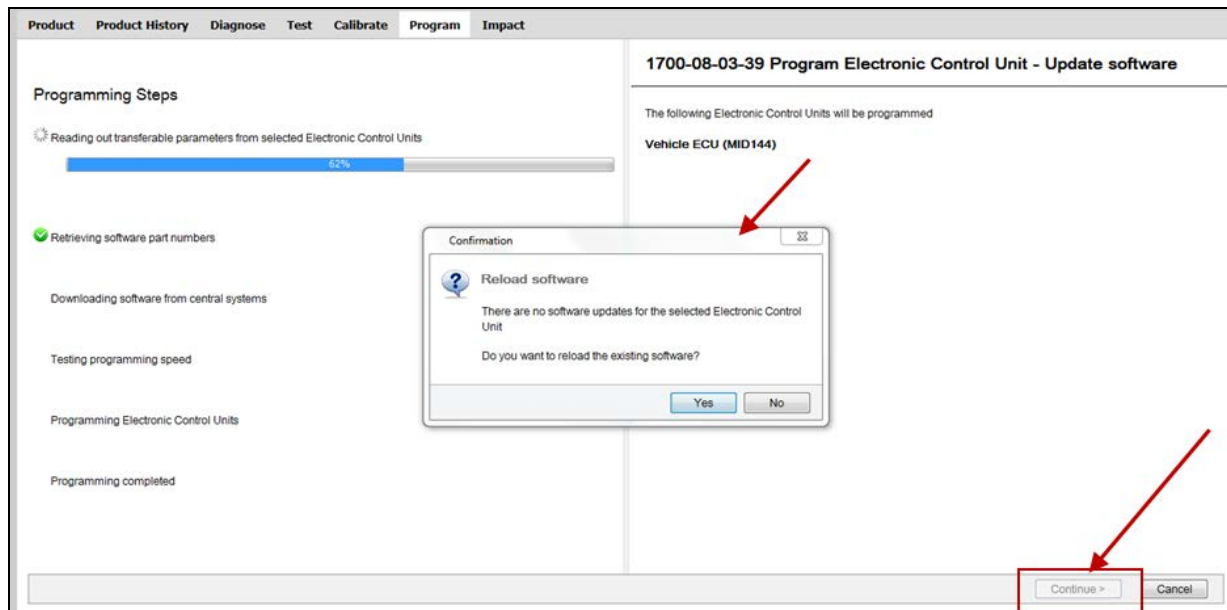
2. Select the proper electronic control unit which is INFORMATION DISPLAY (MID 140).
3. Select UPDATE ELECTRONIC CONTROL UNIT WITH LATEST SOFTWARE.

4. Click on PROGRAM button and then follow the instructions.



5. If the software present is not up to date, the following message will appear. In this case, select YES.

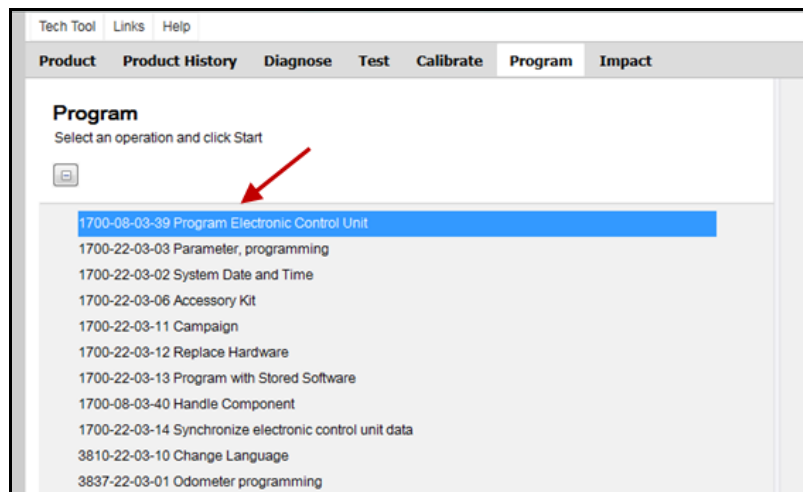
6. Click CONTINUE and follow the instructions.



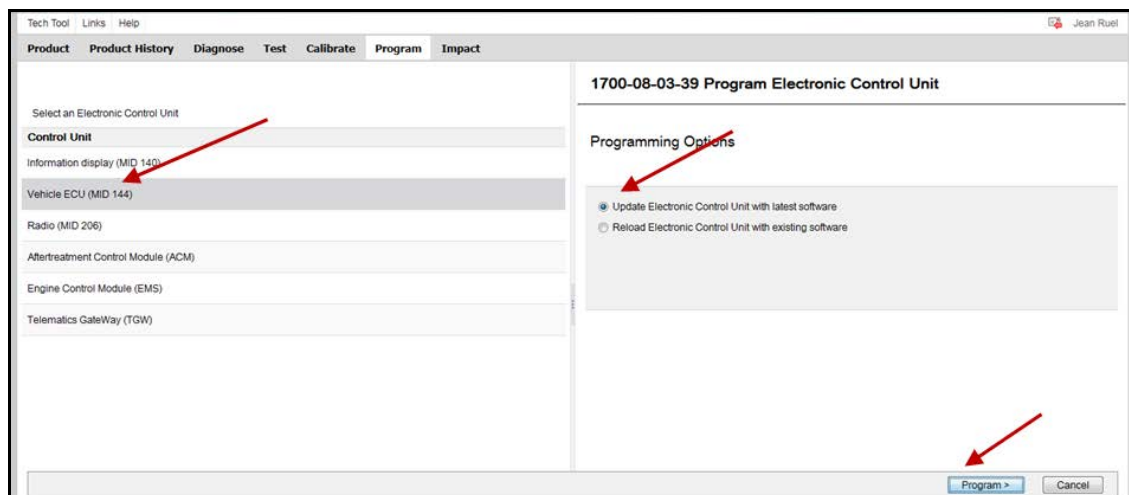
PART 5 – PROGRAM INSTRUMENT CLUSTER (MID144) – FOR NON OBD VEHICLES*

* PRIOR TO VEHICLE D-2364 (H-SERIES) AND E-5459 (X-SERIES)

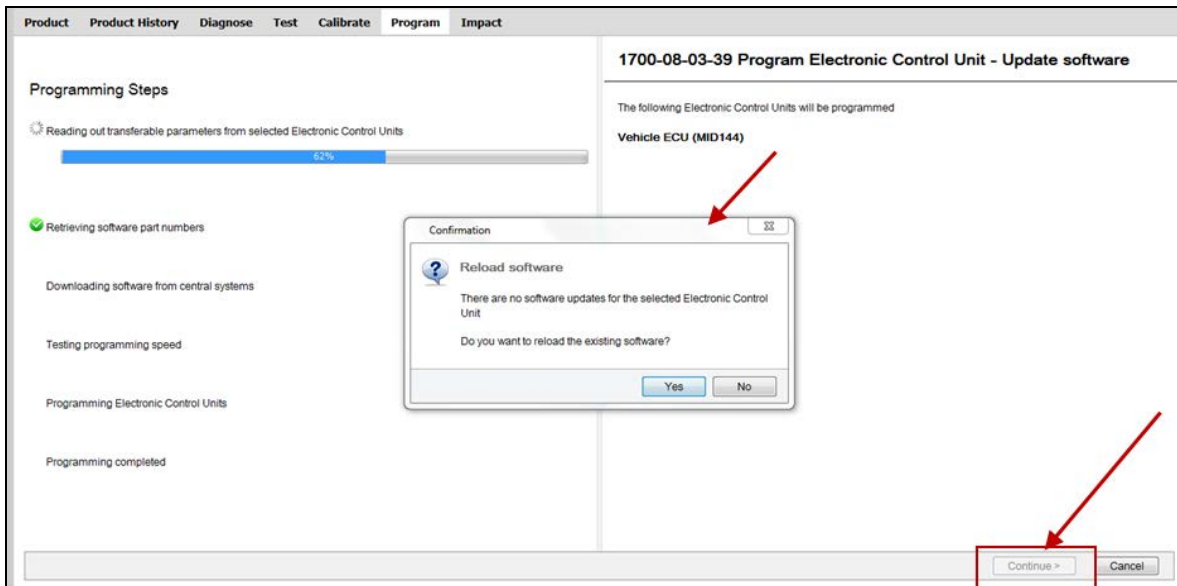
7. In Premium TechTool, select PROGRAM tab. In PROGRAM tab, select operation 1700-08-03-39 Program Electronic Control Unit then click START.



8. Select the proper electronic control unit which is VEHICLE ECU (MID144).
9. Select UPDATE ELECTRONIC CONTROL UNIT WITH LATEST SOFTWARE.
10. Click on PROGRAM button and then follow the instructions.



11. If the software present is not up to date, the following message will appear. In this case, select YES.
12. Click CONTINUE and follow the instructions.

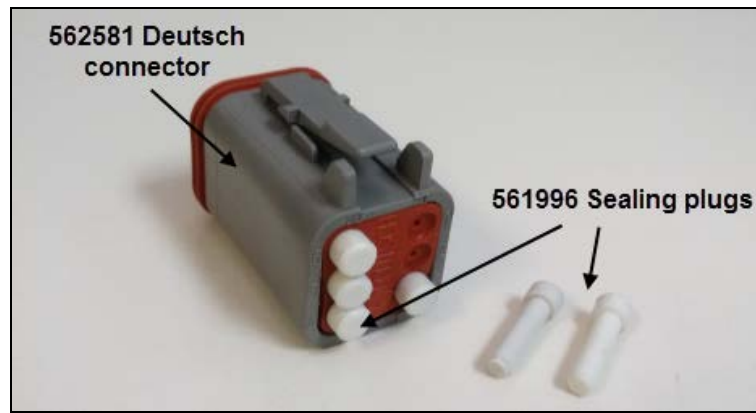


PART 6: RADAR REMOVAL

1. Disconnect the radar from under the front bumper.
2. Remove the radar from the vehicle.



3. Install a dummy connector on the harness side using a **562581** Deutsch connector and six **561996** sealing plugs.



PARTS / WASTE DISPOSAL

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

ESTIMATED TIME

The time required to perform this special bulletin is approximately 3/4 (0.75) hour.

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