



Date	Expiration	Revision	Page
09.2017	N/A	0	1(5)

### **REMOVAL OF ENGINE BRAKE AUTO MODE- ACCESSORY KIT 23181730**

**Prevost vehicles** 

#### DESCRIPTION

On the vehicles affected by this bulletin, it is now possible to disable the engine brake automatic function by running accessory kit # 23181730.

### MODEL YEAR(S) AND VEHICLES INVOLVED

Model	VIN		
H3 Series Vehicles Model Year : 2016 and up	From 2PCV33491GC713189		
X3 Series Vehicles Model Year : 2016 and up	From 2PCBS3492 <b>G</b> C736017		

### MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
562773	Cover, Dummy switch	1

Use the following Computer tools:

Part No.	Description	Qty
N/A	PTT (Premium TechTool)	1
N/A	VPG (Vehicle Program Generator). **Contact your Prevost Service Manager or your Prevost Service Center	1

### NOTE

Material can be obtained through regular channels.

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### PROCEDURE



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

### PART 1: RUN ACCESSORY KIT

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

Tech Tool Links Help	Carl State
Product Product History Diagnose Test Calibrate Program Impact	
Program	1700-22-03-06 Accessory Kit
Select an operation and click Start	To run the operation in simulation mode select Run as simulated  Run as simulated
1700-22-03-03 Parameter, programming 1700-22-03-03 Parameter, programming 1700-22-03-02 System Date and Time	Description
1700-22-03-06 Accessory Kt 1700-22-03-11 Campaign	The operation will program Electronic Control Units in the product according to what is specified in the Accessory 4
1700-22-03-12 Replace Hardware 1700-22-03-13 Program with Stored Software	Note: It may be necessary to perform calibrations after an Electronic Control Unit has been programmed
1700-02-03-40 Handle Component 1700-22-03-14 Synchronize electronic control unit data 3810-22-03-10 Chanse Language	
3837-22-03-01 Odometer programming	
	Start >

2. Enter the accessory kit number 23181730.

C Tech Tool	
Tech Tool Links Help	😼 Jean Ruei
Product Product History Diagnose Test Calibrate Program	Impact
Programming Steps Retrieving software part numbers	1700-22-03-06 Accessory Kit Enter an accessory kit number and day for any the kit Kit number: 23181730 Enter an accessory kit number
Reading out transferable parameters from affected Electronic Control Units	
Downloading software from central systems	
Programming Electronic Control Units	
Programming completed	
	Program > Cancel

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

## **Conversion Kit**

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Tech Tool Links Help	🛱 Jean Ruel
Product Product History Diagnose Test Calibrate Program Impact	
Programming Steps Retrieving software part numbers Downloading software from central systems	1700-22-03-06 Accessory Kit Requested Kit involves only parameter changes
Programming Electronic Control Units	

### PART 2: GENERATE A VPG PROGRAM

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

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

Vehicle II General Ve	Image: Barrier Stress     Image: Barrier Stress       Image: Barrier Stress     Program Generation	Messages:	Vehicle   Vehicle His	tory		
Com	npare parameter values between	Pression of Value	-		<< Back	Next >>
Vehicle P	Parameters	IDPDL - Engine	Retarder on Brake	e Pedal appl		
Para (	Description				New Value	
IDLSDE	Idle shut down enabled			1	No	
DLSDN	Idle shut down timer				900 sec	
KNEEAL	Kneeling Up Alarm	1	No		No	
KNEELI	Kneeling				Yes	
LMPWSH	Head Lamps Washer		1		No	
LUGLUK	Remote Luggage Door Lock	-			Yes	
NEWJER	State: New Jersey	Sele	Car	scel	No	
PBKALM	Park brake alarm with ignition on				No	
PRCKAC	Parcel Rack With A/C				No	
RECFMI	Disable fmi 5 Pass AC rec damper	NO	NO	NO	No	
RRSUOY	Rear High Buoy Function	No	No	No	No	
RTDPDL	Engine Retarder on Brake Pedal app	No		No	No	
STORMX	X3 Back lighting 2014	No	Yes	Yes	Yes	
TPMSSY	TPM System	No	Yes	Yes	Yes	
TRASMI	Transmission	Allisson	Allisson	Allisson	Allisson	

- 3. Select the PROGRAM GENERATION tab and follow instructions according to the usual procedure.
- 4. Select the TRANSFER TO THE VEHICLE tab and follow instructions according to the usual procedure.

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### PART 4: REMOVAL OF THE ENGINE BRAKE CANCELS SWITCH

- 1. Remove the dashboard cover.
- 2. Locate the engine brake cancel switch location on the L.H. dashboard panel.



- 3. Disconnect the cancel switch.
- 4. Unclip and remove the switch from the dashboard.
- 5. Install a # 562773 "dummy switch" to cover the opening in the dashboard.



TYPICAL DUMMY SWITCH INSTALLATION

### PART 5: VALIDATION

In order to validate that the previous steps have successfully removed the Volvo Engine Brake (VEB) AUTO mode, perform the following step.

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1. Set the ignition switch to the ON position and check that the pictogram (A) does not appears in the DID status line when using the steering switches.

If only the pictograms 🚱 🛈 and 🙆 are showing, the Automatic control mode is successfully removed from the vehicle.



### 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  $\frac{3}{4}$  (0.75) hour.

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