



SAFETY RECALL

SR23-07

DATE :	April 2023	SECTION :	06 ELECTRICAL
SUBJECT:	Hazard Warning Lights Synchronization		

First Release

04-18-2023

APPLICATION

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 coach Model Year: 2023	2PCH33492 <u>PC721377</u> , 2PCH33498 <u>PC721402</u> , 2PCH33493 <u>PC721405</u> , 2PCH33494 <u>PC721431</u>
H3-45 VIP motorhomes Model Year: 2022 - 2023	From 2PCVS3498 <u>NC721211</u> up to 2PCVS3498 <u>PC721468</u> incl.

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.

DESCRIPTION

On vehicles affected by this recall, the hazard warning lights do not comply with FMVSS 108 S6.1.5.1 because the turn signal lamps do not flash simultaneously when the hazard warning lights are activated with the ignition set to "OFF".

The issue results from a software development error.

Therefore, a corrected software version that ensures that the hazard warning lights are fully compliant with FMVSS 108 must be installed on all potentially affected vehicles (06100191.P01 for H3-45 and 06100192.P01 for H3-45 VIP).

Please make an appointment in a PrevoSt Service Center or contact your PrevoSt Service representative to have the vehicle program upgraded. It requires VPG (Vehicle Program Generator) software.

For operators having the required equipment & software, please contact a PrevoSt Service representative to receive the vehicle program update file.

EQUIPMENT

Required equipment to perform this bulletin:

Part No.	Description	Qty
N/A	LAPTOP (WITH VPG SOFTWARE)	1
N/A	RS232 SERIAL INTERFACE CABLE	1
N/A	VIRTUAL SERIAL PORT ADAPTER USB TO RS232	1
066009	INTERFACE HARNESS DB9 PC/MASTER ID-MU	1
568103	EXTRACTOR TOOL	1

SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



Safety First!



PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.

Lockout & 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.

PART 1 : MODULE RECONNECTION

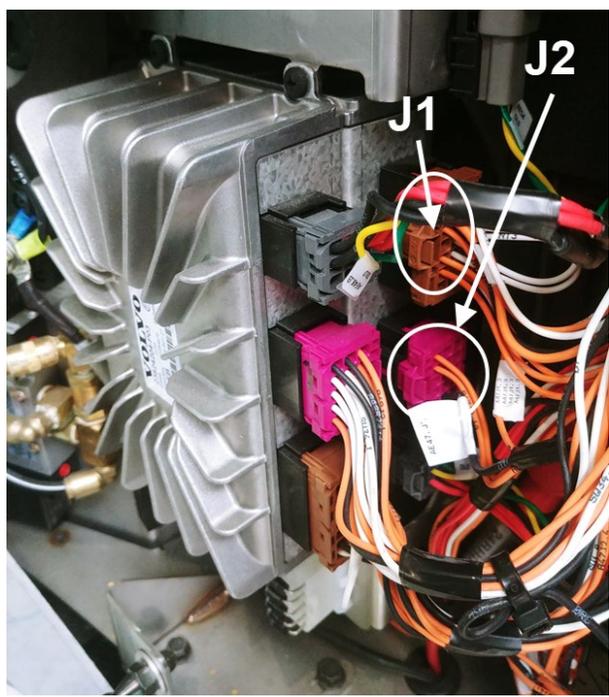
1. Remove the entrance electrical compartment panel.

- Unclip the lower part of the panel first.
- Slightly tilt the panel and disengage the upper panel hooks.
- Disconnect the panel harness.



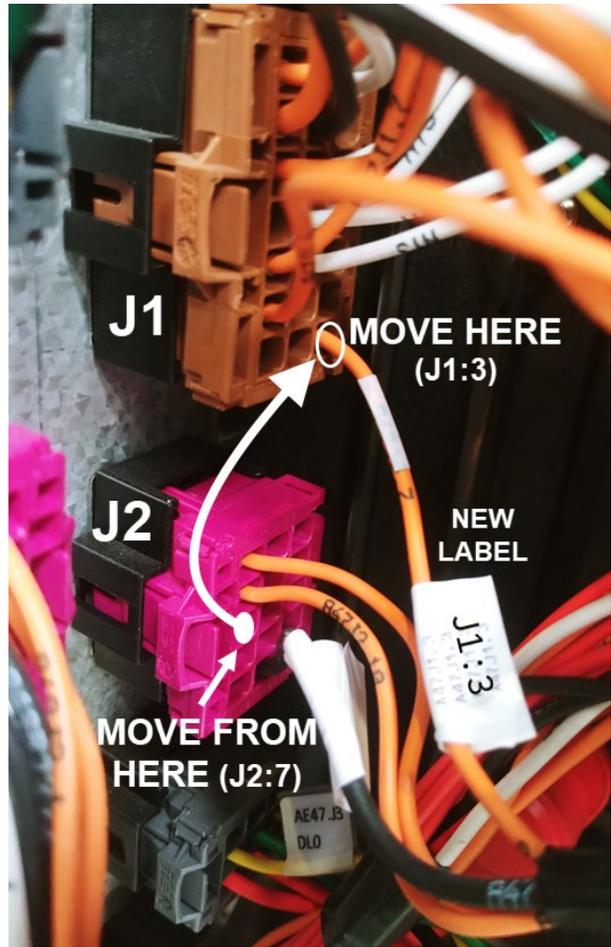
2. Locate the faulty connection.

- Locate the **A47** I/OB module in the compartment as shown.
- On the side of the module, locate the **J1** and **J2** connectors.



3. Reconnect the faulty wire.

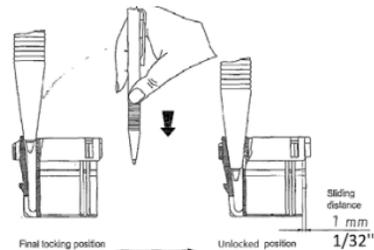
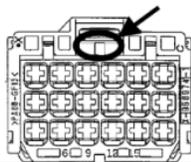
- Locate wire **J2:7** (J2 middle connector)
- Disconnect J2 connector (see note for correct removal procedure)
- Remove the **J2:7** wire using extractor tool **568103** (see note for correct removal procedure).
- Put a label on the wire indicating that it will now be named **J1:3**.
- Reconnect the wire into J1:3 cavity of the J1 (top) connector.
- Reconnect the J2 connector.



NOTE

Unlocking the secondary lock

To unlock the secondary lock on these housings, a simple solid commercial ball pen is sufficient. The ball pen has to be inserted perpendicularly according the image, between the locking latch of the housing and the secondary lock block. Then it will be pushed with care until the opening is felt (a "click" sound can be heard).



Extracting the contacts from housings

To extract contacts, the secondary lock has to be in the unlock position. The tool has to be inserted from connection side into the cavity of housing up to the stop; the contact will be unlocked thereby. Keep the tool in that position and then take the contact out by pulling on the cable. Note: Do not pull the cable before unlocking the contact; on the other hand by pressing the cable gently against the cable outlet direction the unlocking procedure will be facilitated.



EXTRACTOR/TOOL: Prevost 568103

4. Reinstall the entrance panel.

- Reconnect the panel harness
- Reinsert the top part (hooks)
- Snap back the lower part.



IMPORTANT

If the bulletin is performed by a Prevost Service Center, use computer and VPG software for the program revision number upgrade.

If the vehicle operator is having the equipment required to proceed to the vehicle programming, the operator must contact a Prevost Service representative to have the vehicle program update file sent to him. Refer the representative to procedure shown in bulletin SCI19-20, explaining how to send the file.

PART 2 : REPROGRAMMING THE VEHICLE

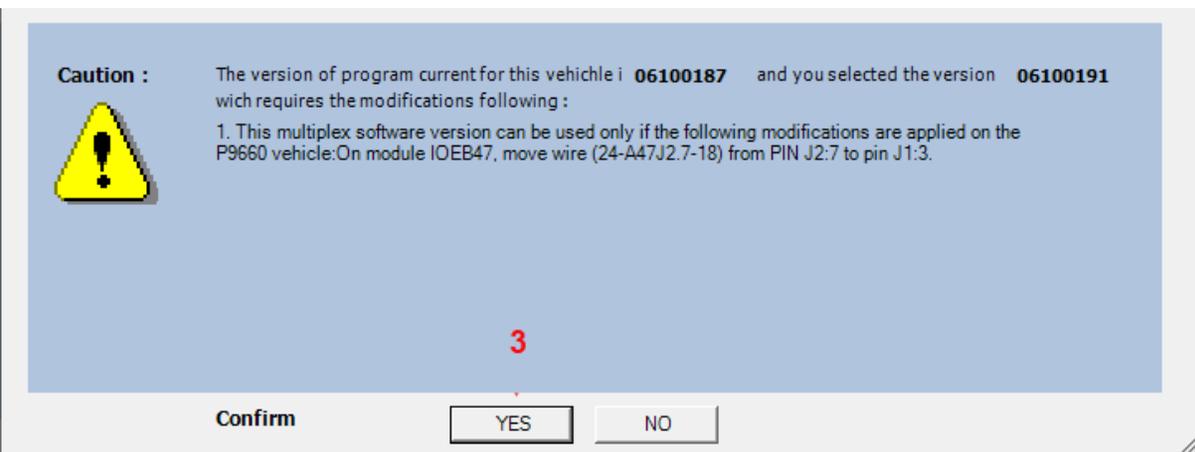
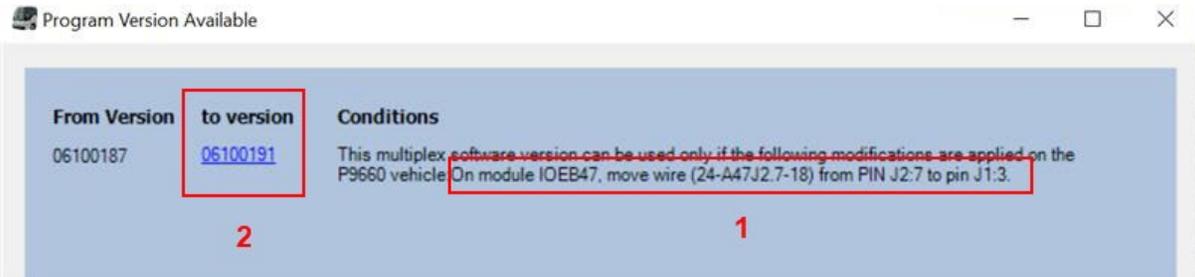
1. Connect to vehicle and enter vehicle short VIN (click "SEARCH") (1)
2. Make sure the vehicle is using an older program number (other than 06100191.P01 for H3-45 and 06100192.P01 for H3-45 VIP). (2)
3. Click on the blue square to check new available program. (3)

The screenshot shows a software interface for vehicle programming. At the top, there is a search bar with 'Vehicle ID#' and a 'Search' button. A red box highlights the search bar, and a red arrow labeled '1' points to the 'Search' button. Below the search bar, there is a message: 'Messages: *** Other version of programs available ***'. The interface has several tabs: 'General', 'Vehicle Parameters', 'Program Generation', and 'Transfer to the Vehicle'. A 'Next >>' button is visible. The 'Vehicle Info' section displays various details: VIN #: 2PCH3349XRC721453, Vehicle Type: H345, MID: 188, SW ID: 23370350P01*06100187, Sales Order: 0004055529 000010, Statut: In Service, Production Order: 000007031322, Production Date: 2022/12/05, and Software ID as shown in the Vehicle MCD: P12*00271453A06*. The 'Vehicle Events Data' section is divided into three columns: 'Current Data', 'Last Generation', and 'Last Transfer'. The 'Current Data' column shows: User name: Jean Ruel (Aftermarket product expe), Date/hour: 2023/04/03 14:36:02, Parameters: 00271453 Rev:A06, Program/Date: 06100187 Rev:P12 2023-02-28, and Description: Production. A red box highlights the 'Program/Date' field, and a red arrow labeled '2' points to it. A red arrow labeled '3' points to a small blue square icon next to the 'Program/Date' field.

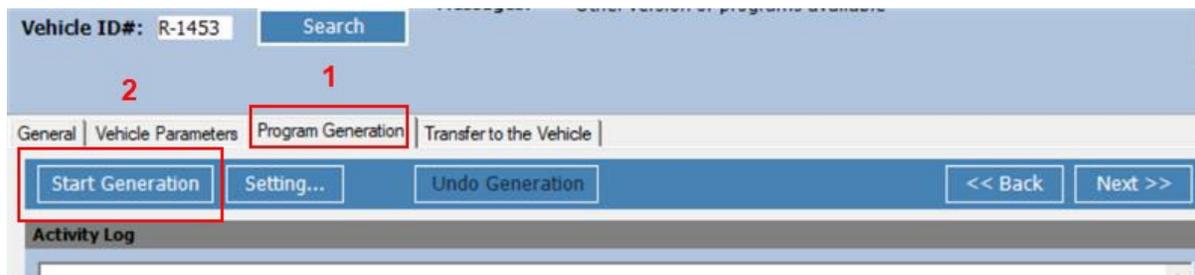
Vehicle Info		Software ID as shown in the Vehicle MCD	
VIN #:	2PCH3349XRC721453	MID	188
Sales Order:	0004055529 000010	SW ID	23370350P01*06100187
Production Order:	000007031322		P12*00271453A06*
Vehicle Type:	H345		
Statut:	In Service		
Production Date:	2022/12/05		

Vehicle Events Data			
	Current Data	Last Generation	Last Transfer
User name:	Jean Ruel (Aftermarket product expe)	CS-FP-S-PCID2466 (Electridien Produ	CS-FP-S-PCID2466 (Electridien Produ
Date/hour:	2023/04/03 14:36:02	2023/03/20 13:30:07	2023/03/20 13:38:54
Parameters:	00271453 Rev:A06	00271453 Rev:A06	00271453 Rev:A06
Program/Date:	06100187 Rev:P12 2023-02-28	06100187 Rev:P12 2023-02-28	06100187 Rev:P12 2023-02-28
Description:	Production		

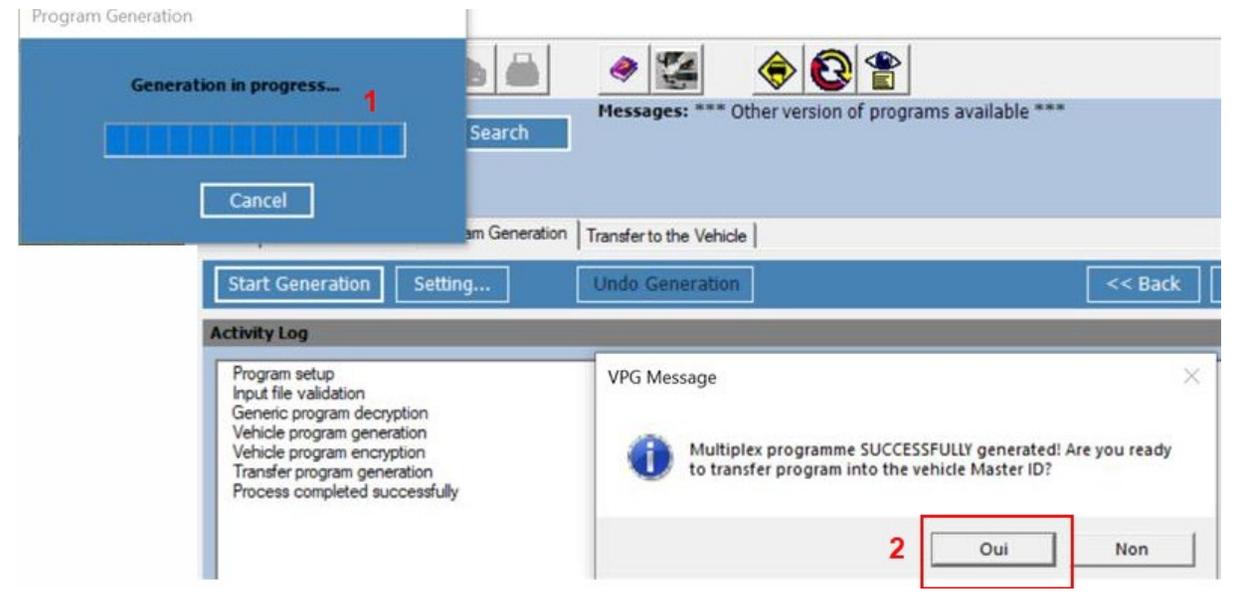
4. Take note of the condition; make sure Part 1 of the bulletin was done before reprogramming the vehicle. (1)
5. Make sure the new program is available (06100191.P01 for H3-45 and 06100192.P01 for H3-45 VIP). Click on the program. (2)
6. Confirm that Part one was done. (3)



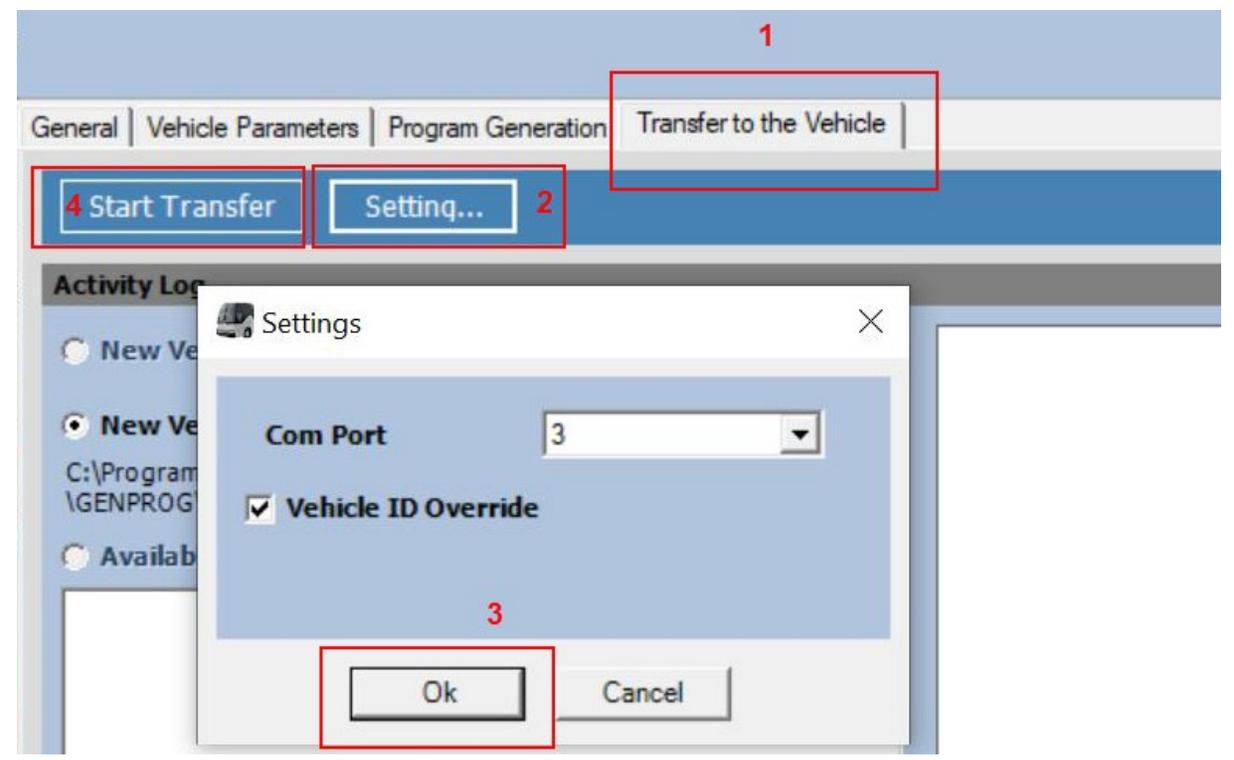
7. Go to program generation menu. (1)
8. Click start generation. (2)



9. Let generation finish.(1)
10. Click yes/oui to start transfer to vehicle.(2)



11. Go to transfer menu. (1)
12. Click Setting. (2)
13. Choose the correct port for your laptop and click OK. (3)
14. Start the transfer. (4)



WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you an hour (1.0) of labor upon receipt of a completed A.F.A. Please submit claim via our Online Warranty System, available at www.prevostcar.com (under service \ warranty section). Use Claim Type: "Bulletin/Recall" and select "Safety Recall SR23-07".

Should you only wish to close the safety recall (without reimbursement), fill-in the "Safety Recall Certification Sheet" provided with this bulletin and return it to our warranty department by Email at prevost.onlinewarranty@volvo.com or by fax at 418-831-9301.

OTHER

VBC Bulletin	N/A
Fail Code	06.27-2
Defect Code	49
Syst.Cond	R
Causal Part	7770029

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.



