



**MAINTENANCE  
INFORMATION**

**MI24-07**

DATE :	January 2024	SECTION : 13 WHEEL, HUB & TIRES
SUBJECT :	<b>TOOL FOR NEW TPMS SENSATA SYSTEM</b>	

First Release

01-31-2024

***IMPORTANT NOTICE***  
*This modification is recommended by PrevoSt to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this modification.*

**APPLICATION**

Model	VIN	
H3-45 coaches Model Year: 2023	2PCH33490PC721359, 2PCH33496PC721382, 2PCH33498PC721402, 2PCH33494PC721431	
H3-45 coaches Model Year: 2024 - ...	From 2PCH3349XRC721453	
H3-45 VIP motorhomes Model Year: 2022	2PCVS3498NC721211, 2PCV33490NC721247, 2PCVS3491NC721258, 2PCVS349XNC721274, 2PCVS3491NC721308	
H3-45 VIP motorhomes Model Year: 2023 - ...	From 2PCVS3499PC721348	
X3-45 coaches Model Year: 2023 - ...	From 2PCG33498PC736798	
X3-45 VIP commercial use Model Year: 2023 - ...	From 2PCCS3491PC736787	
X3-45 VIP motorhomes Model Year: 2023 - ...	From 2PCBS3495PC736822	

**DESCRIPTION**

New tire management tool for the new TPMS "SENSATA".

## MATERIAL

Order the following parts:

Part No.	Description	Qty
0610641	HARNESS INTERFACE TPMS 	1

Other parts that may be required:

Part No.	Description	Qty
88894000	COMMUNICATION UNIT / VOCOM II 	1
88890313	CABLE / VOLVO TOOL 	1
88890253	CABLE / VOCOM II 	1

### NOTE

*Material can be obtained through regular channels.*

Download the application on the technical publications website.



### Supplier Publications

Refine your Search:

1 Item found

Supplier	Title	System	Size	
PrevoSt	PREVOST SENSATA TPMS TOOL	Wheels, Hubs and Tires	57 Mb	 

Link : [https://techpub.prevoStcar.com/en/supplier-publications?share\\_id=600](https://techpub.prevoStcar.com/en/supplier-publications?share_id=600)

## 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



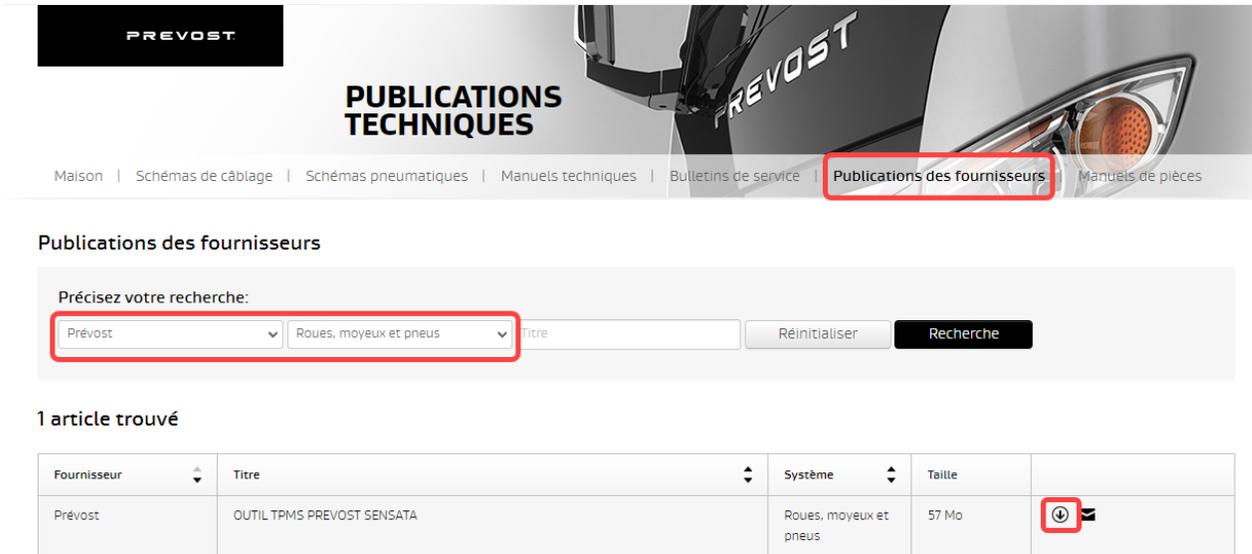
### DANGER

Park vehicle safely, apply parking brake, stop 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. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

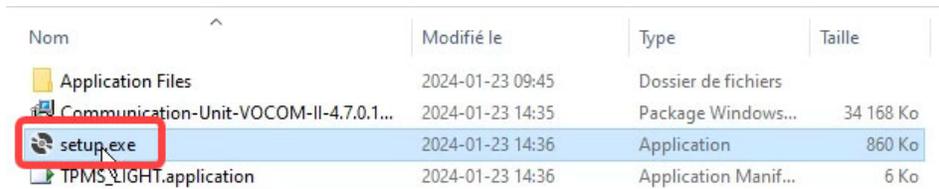
Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

# INSTALLATION OF THE TPMS APPLICATION

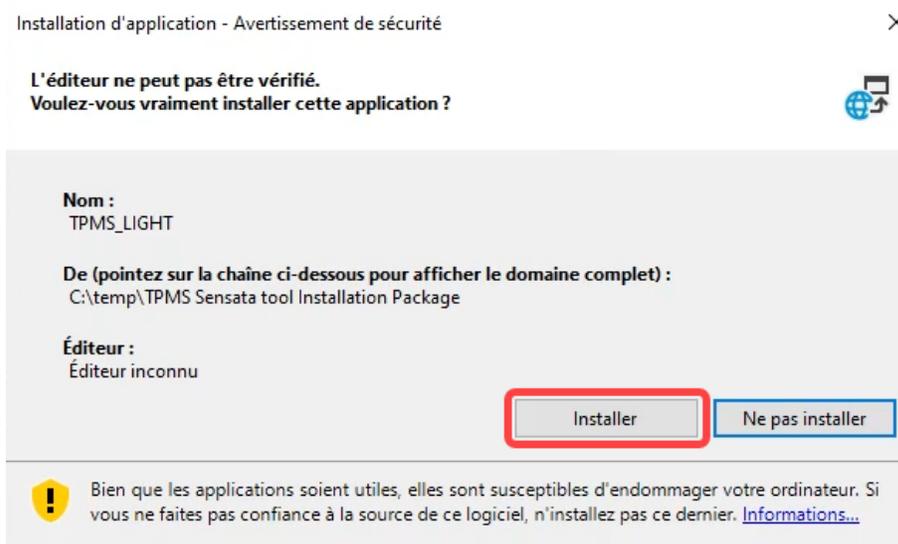
1. Download the application from the Technical Publications website.  
Link: [https://techpub.prevoستcar.com/en/supplier-publications?share\\_id=600](https://techpub.prevoستcar.com/en/supplier-publications?share_id=600)



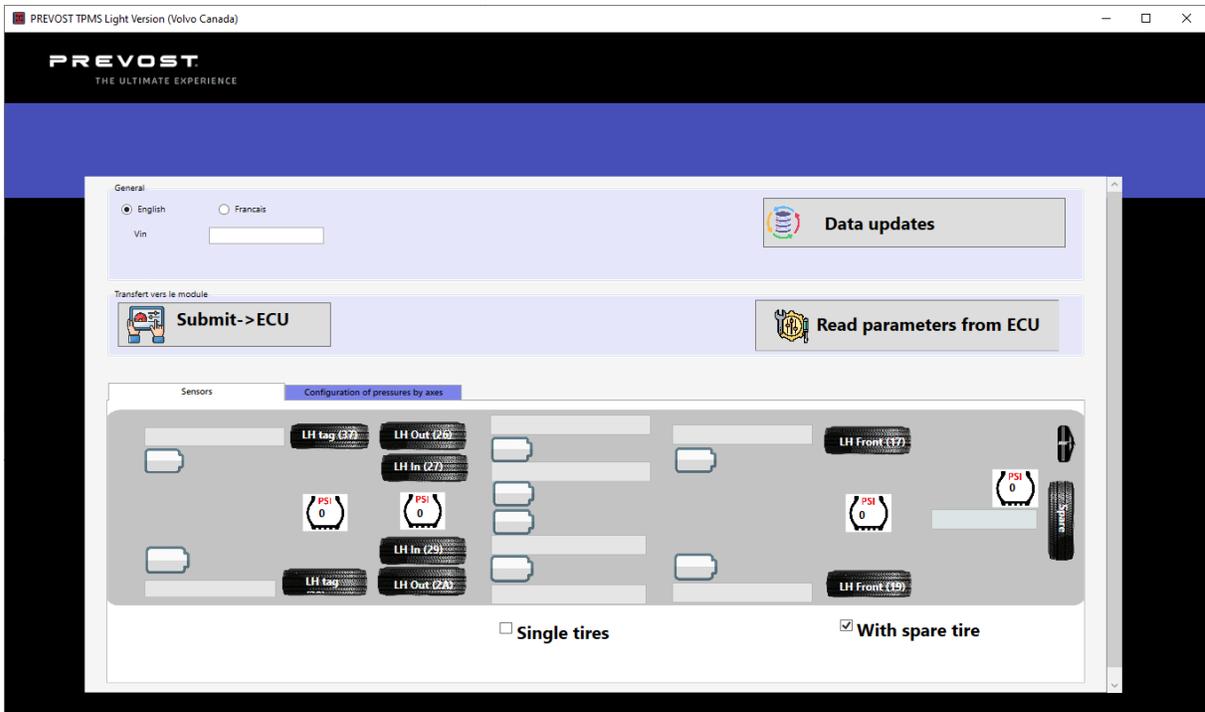
2. Unzip TPMS Sensata tool Installation Package.zip.
3. Install the software by clicking on setup.exe.



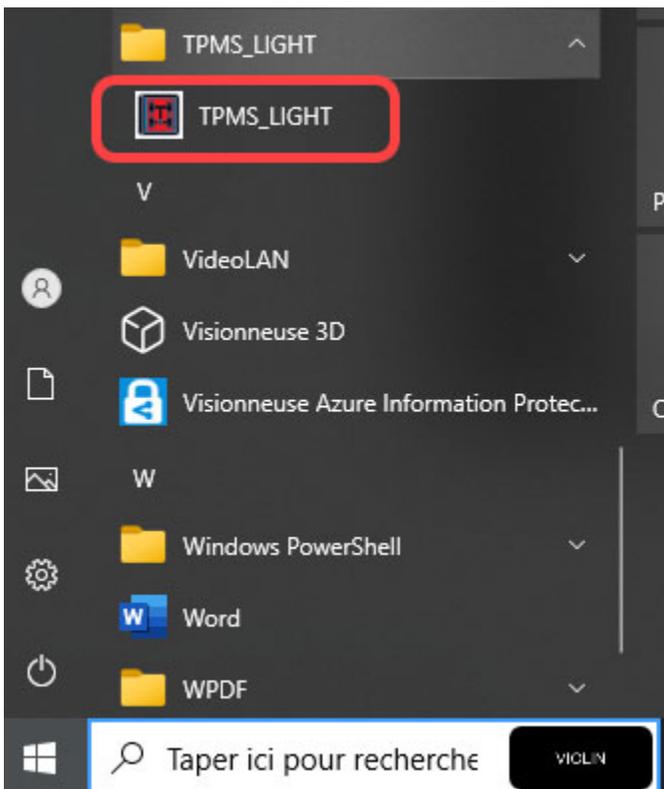
4. Click on "Install".



- Once finished, the application will start.

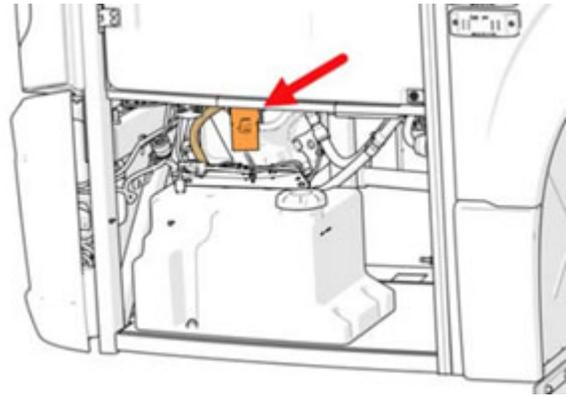


- To start the application, go to the Windows menu.

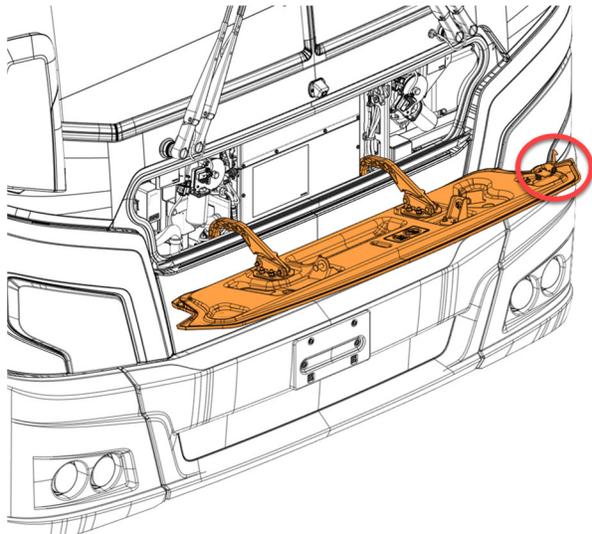


## LOCATING THE C222 CONNECTORS ON THE SENSATA MODULE MODEL H3

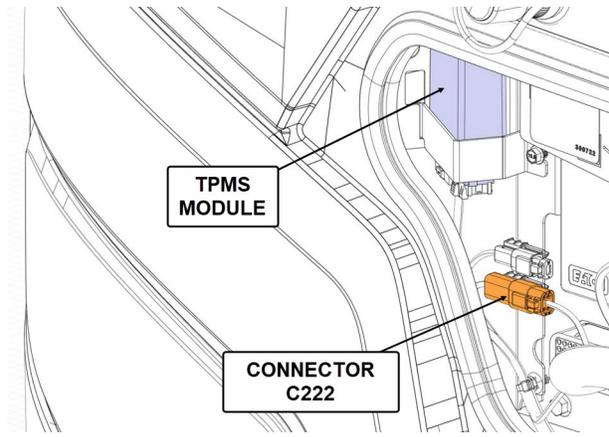
1. Pull the release lever inside the front service compartment to unlock the front hatch.



2. Pull out the safety catch on the inside top right-hand side of the hatch.

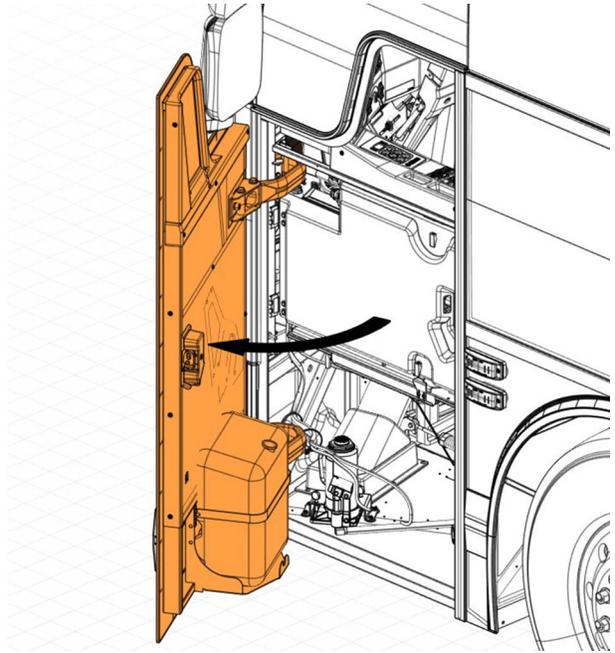


3. Locate C222 connectors and disconnect.

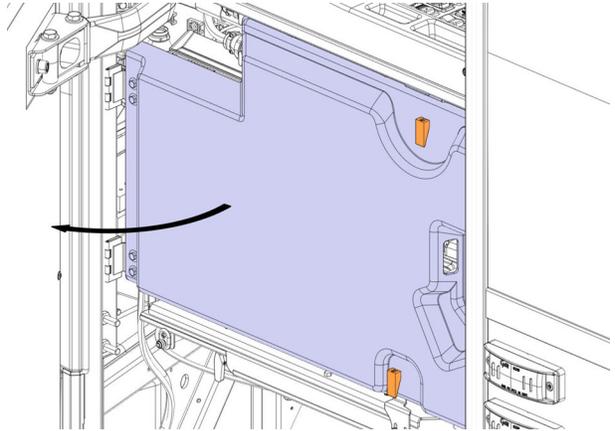


## LOCATING THE C222 CONNECTORS ON THE SENSATA MODULE MODEL X3

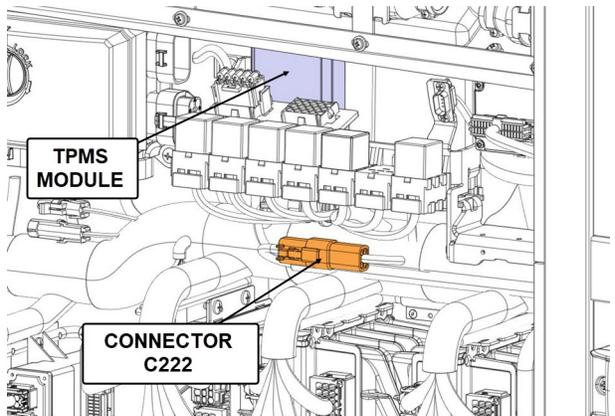
1. Open right front service door.



2. Open front electrical box door.

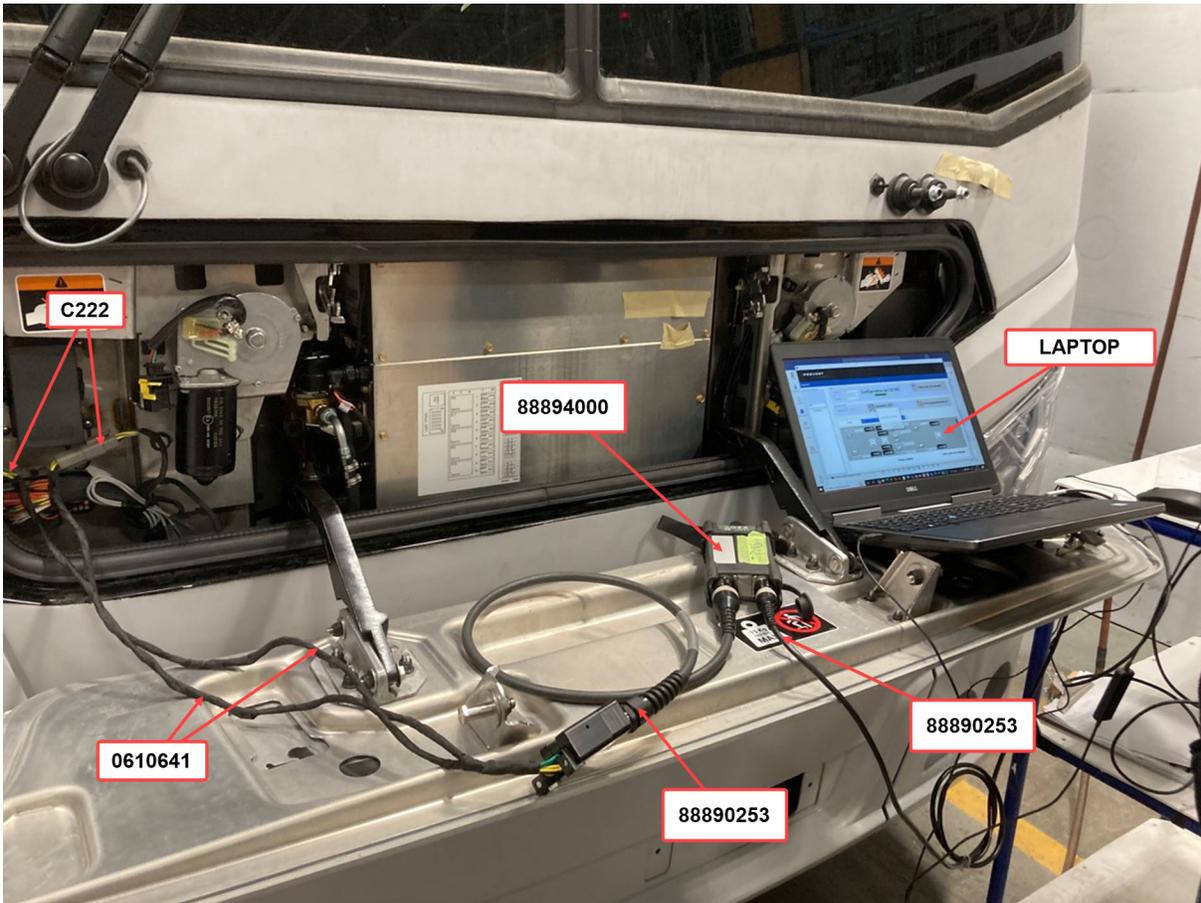


3. Locate C222 connectors and disconnect.



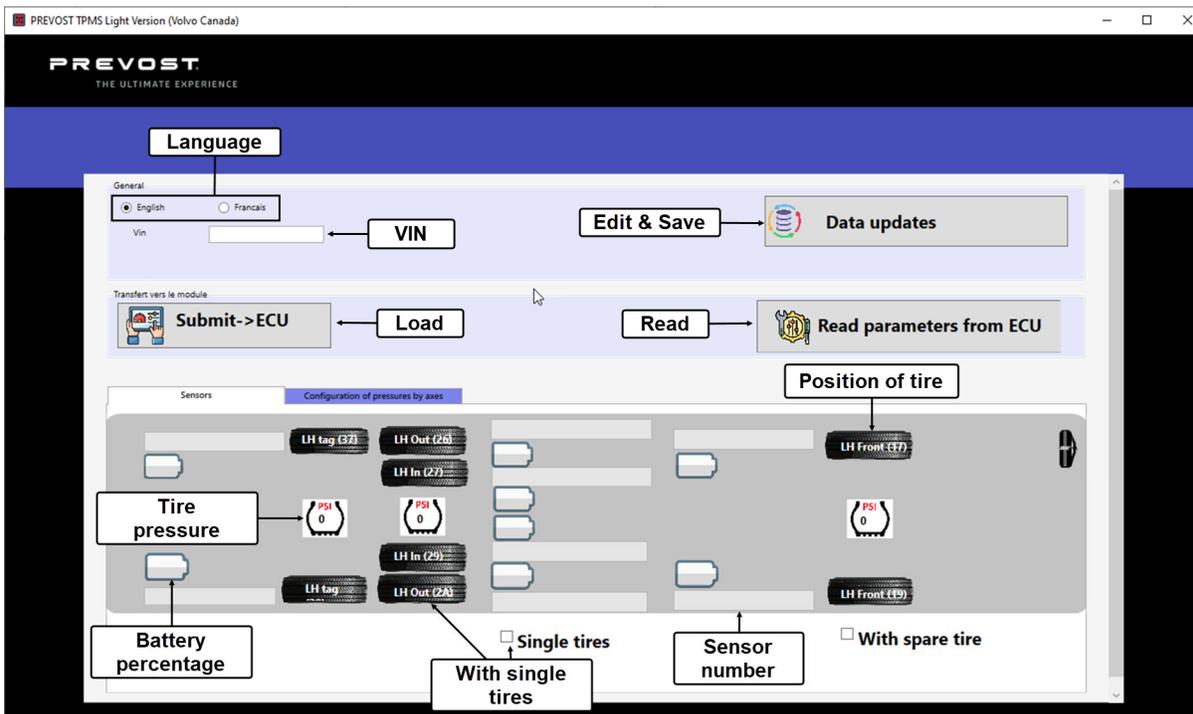
## CONNECTION

1. Connect C222 connectors to 0610641 interface wiring.
2. Connect interface wiring to 88890253.
3. Connect 88890253 wiring to 88894000 communication unit.
4. Connect the 88894000 communication unit to the 88890313 diagnostic cable.
5. Connect the diagnostic cable 88890313 to the computer.

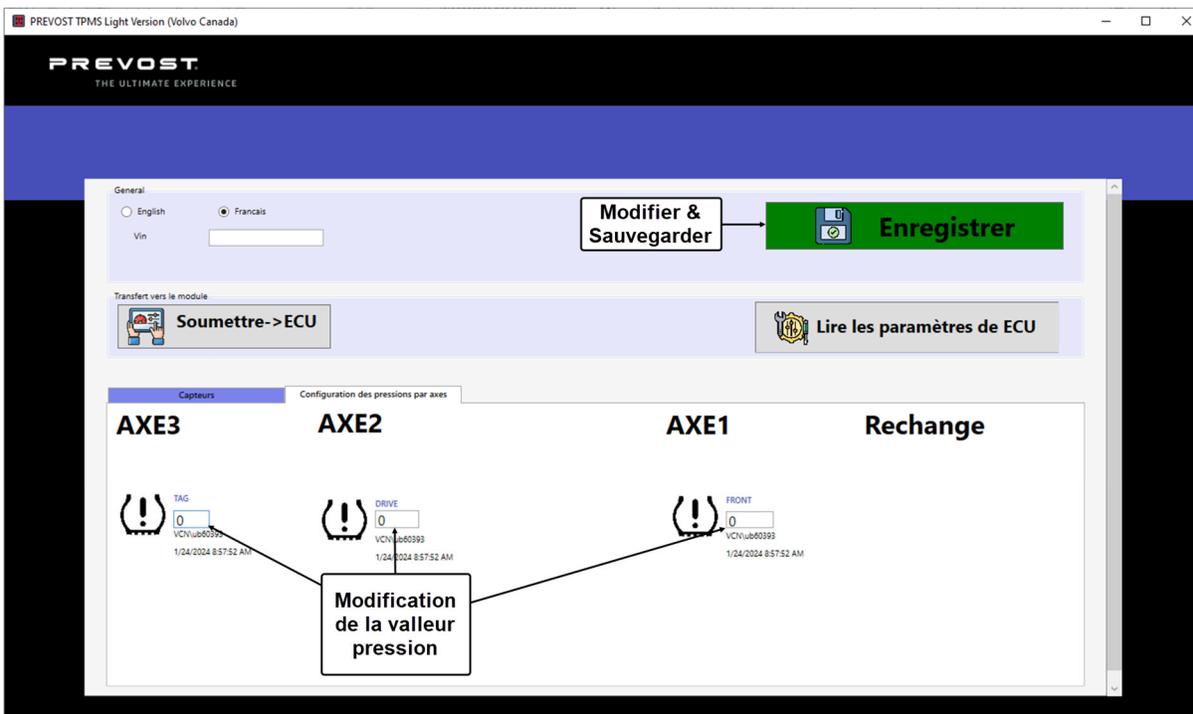


## DÉFINITION DE L'OUTIL

### 1. Tool definition (Sensors).

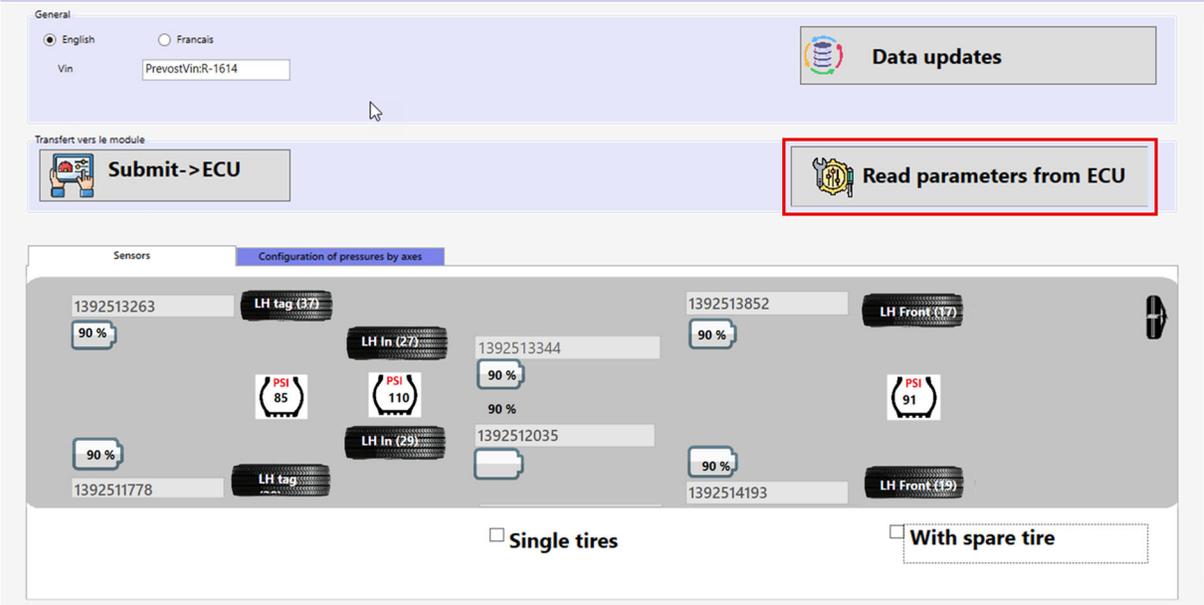


### 2. Tool definition (axle pressure configuration).

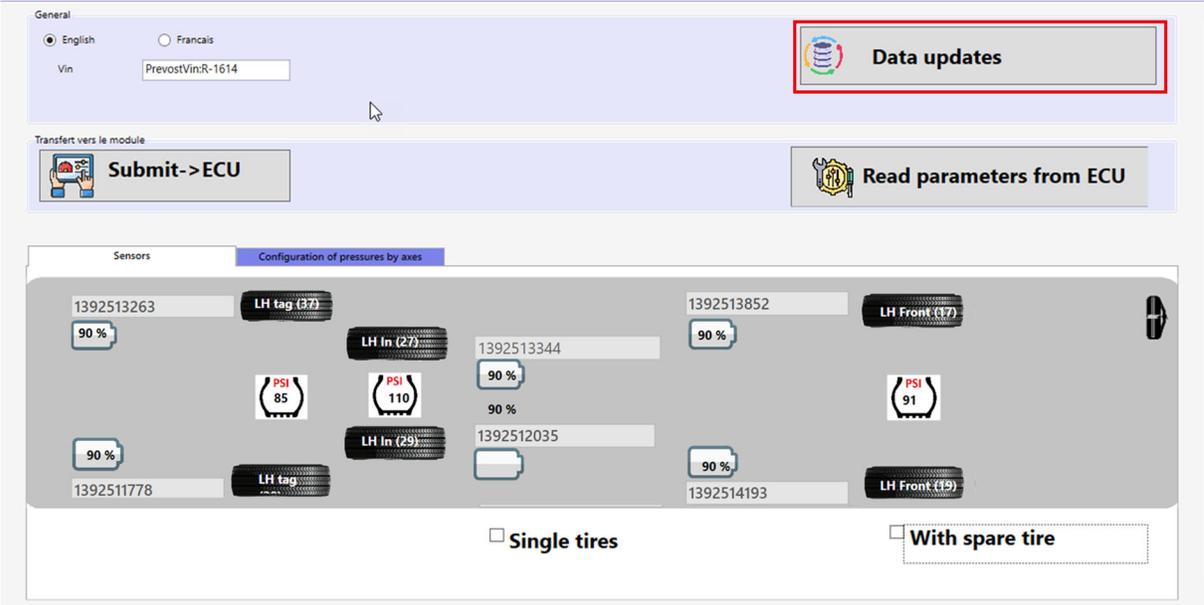


# HOW TO USE THE TOOL

1. To display vehicle data, click on “Read parameters from ECU”.



2. To modify the information, click on “Data updates”.



3. Values you can modify :

- TPMS sensor numbers: sensor replacement and tire rotation (take a screenshot before making any changes).

General  
English  Français   
Vin: PrevostVintR-1614  
**Enregistrer**

Transfert vers le module  
**Soumettre->ECU** Lire les paramètres de ECU

Capteurs Configuration des pressions par axes

1392513263 LH tag (37) 90 %  
1392513852 LH Front (17) 90 %  
1392513344 90 %  
1392512035 90 %  
1392511778 LH tag 90 %  
1392514193 LH Front (19) 90 %

PSI 85 PSI 110 PSI 91

Pneus simples  Avec pneu de recharge

- Axle pressure configurations: it must be the same value as the tire value plate on the dashboard at the driver's foot.

General  
English  Français   
Vin:   
**Save**

Transfert vers le module  
**Submit->ECU** Read parameters from ECU

Sensors Configuration of pressures by axes

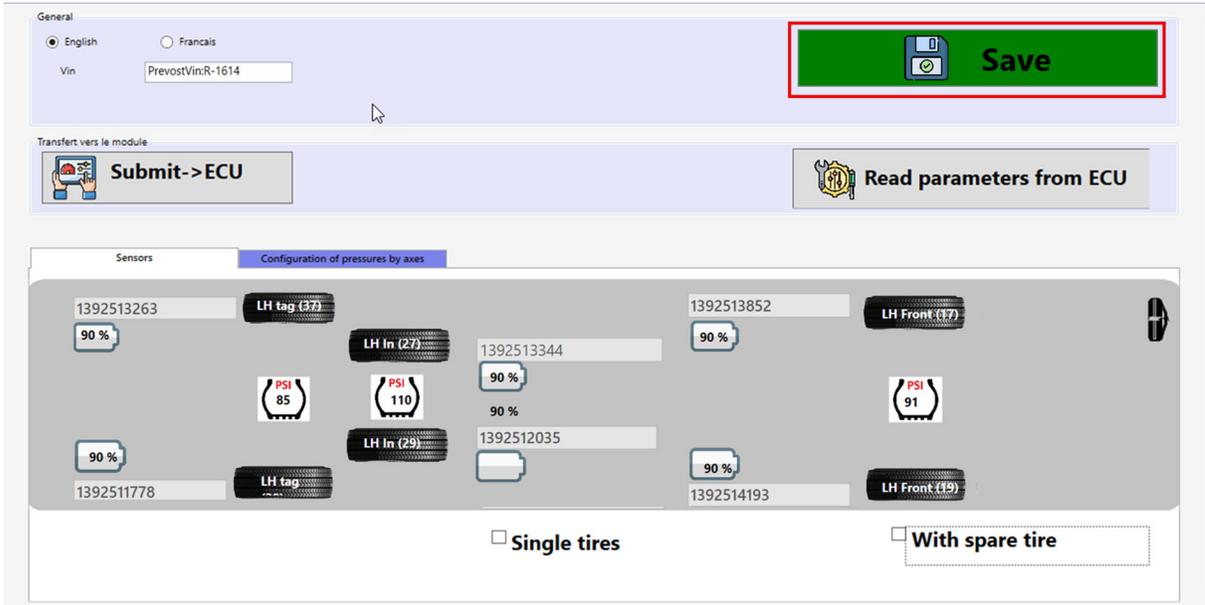
AXE3 AXE2 AXE1 Sapre

TAG 85 90 %  
VCN/a038468  
1/23/2024 10:34:00 AM

DRIVE 110 90 %  
VCN/a038468  
1/23/2024 10:34:00 AM

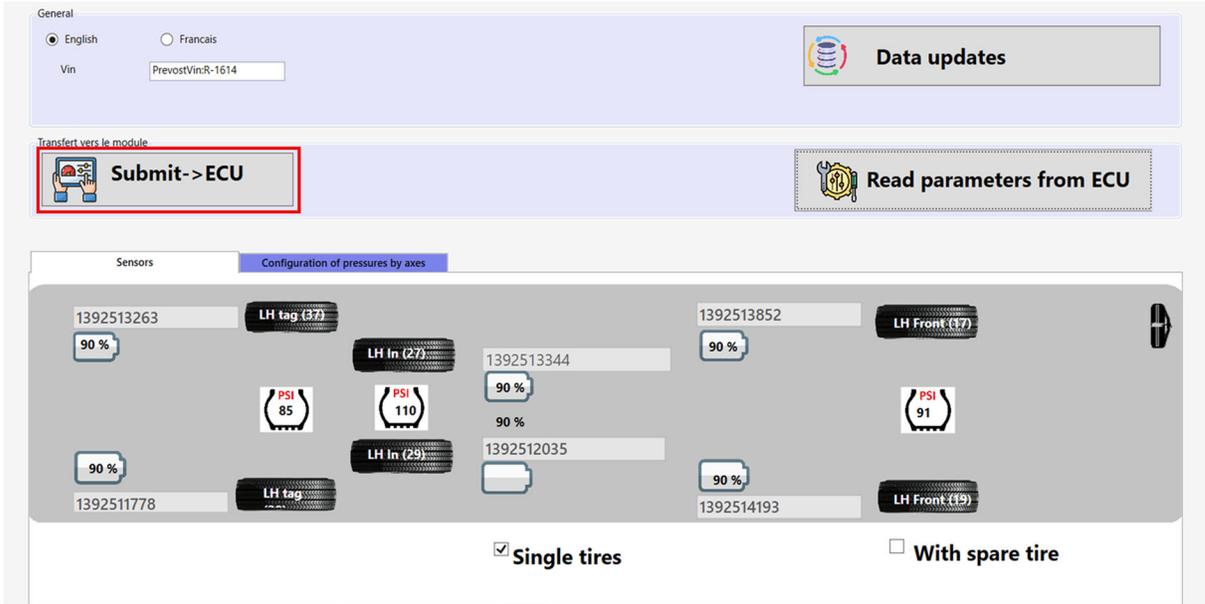
FRONT 95 90 %  
VCN/a038468  
1/23/2024 10:34:00 AM

4. Save your changes “Save” :



5. Download the changes to the vehicle system and click on “Submit->ECU”:

Note: If you have single tires, make sure they are selected.



## PARTS / WASTE DISPOSAL

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

Access all our Service Bulletins on <http://techpub.prevostcar.com/en/>  
Or scan the QR-Code with your smart phone

**Are you a Vehicle owner?**  
E-mail us at [technicalpublications\\_prev@volvo.com](mailto:technicalpublications_prev@volvo.com) and type "ADD" in the subject to  
receive warranty bulletins applicable to your vehicle(s) by e-mail.

