



MAINTENANCE INFORMATION

MI24-07A

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

WEBSITE LINK CHANGE

01-31-2025

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

Revision: A

| Model | |
|--|---|
| H3-45 coaches Model Year: 2023 | 2PCH33490 <u>P</u> C72 <u>1359</u> , 2PCH33496 <u>P</u> C72 <u>1382,</u> 2PCH33498 <u>P</u> C72 <u>1402</u> , 2PCH33494 <u>P</u> C72 <u>1431</u> |
| H3-45 coaches Model Year: 2024 | From 2PCH3349X <u>R</u> C72 <u>1453</u> |
| H3-45 VIP motorhomes Model Year: 2022 | 2PCVS3498 <u>N</u> C72 <u>1211</u> , 2PCV33490 <u>N</u> C72 <u>1247,</u> 2PCVS3491 <u>N</u> C72 <u>1258,</u> 2PCVS349X <u>N</u> C72 <u>1274,</u> 2PCVS3491 <u>N</u> C72 <u>1308</u> |
| H3-45 VIP motorhomes Model Year: 2023 | From 2PCVS3499PC72 <u>1348</u> |
| X3-45 coaches Model Year: 2023 | From 2PCG33498 <u>P</u> C73 <u>6798</u> |
| X3-45 VIP commercial use Model Year: 2023 | From 2PCCS3491PC736787 |
| X3-45 VIP motorhomes Model Year: 2023 | From 2PCBS3495 <u>P</u> C73 <u>6822</u> |

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 | PREVOST | | Diagrams 👻 | Manuals 👻 S | Service Bulletins | Supplier Publications | Account | ▼ En | Fr |
|---|--|------------------------------------|-------------|------------|-------------|-------------------|------------------------------|---------|-------------------|-------|
| Ttie PRP/IGST SENSATA TPMS TOOL Supplier & Supplier & Supplier | Title PREVOST SENSATA TPMS TOOL Supplier System Language Search Reset Supplier 12 Title IF System IF Size IF Language IF Actions | SUPPLIER P | UBLICATIONS | | | | | | | |
| | Supplier 1% Title F System F Size F Language F Actions | Title PREVOST SENSATA TPMS TOOL | Sumilier | * Svst | ۶m | | Language | , Se | arch | Reset |

Link : https://techpub.prevostcar.com/content/media/19076/download

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:



PROCEDURE



k vehicle safely, apply parking brake, stop engine

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: <u>https://techpub.prevostcar.com/en/supplier-publications?share_id=600</u>

| PREVOST | PUBLICATIONS TECHNIQUES | |
|-----------------------------|--|--|
| Maison Schémas de câblage | Schémas pneumatiques Manuels techniques Bulletins de service Publications des fournisseurs Manuels de pièces | |
| Publications des fournisse | rs | |

1 article trouvé

| Fournisseur 🗘 | Titre | Système 🗘 | Taille | |
|---------------|----------------------------|------------------------|--------|---|
| Prévost | OUTIL TPMS PREVOST SENSATA | Roues, moyeux et pneus | 57 Mo | € |

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

| Nom | Modifié le | Туре | Taille |
|---------------------------------------|------------------|---------------------|-----------|
| Application Files | 2024-01-23 09:45 | Dossier de fichiers | |
| A Communication-Unit-VOCOM-II-4.7.0.1 | 2024-01-23 14:35 | Package Windows | 34 168 Ko |
| 💽 setup exe | 2024-01-23 14:36 | Application | 860 Ko |
| TPMS_LIGHT.application | 2024-01-23 14:36 | Application Manif | 6 Ko |

4. Click on "Install".



5. Once finished, the application will start.

| PREVOST TPMS Light Version (Volvo Canada) | | | - | |
|---|----------------|--------------------------|---|--|
| | | | | |
| The ULTIMATE EXPERIENCE | | | | |
| | | | | |
| | | | | |
| General General Francais | | | | |
| Vin | | (🚊) Data updates | | |
| | | | | |
| Transfert vers le module | | | | |
| | | Read parameters from ECU | | |
| Second Configuration of programs by succ | | | | |
| Consumation or pressures of aces | | | | |
| LH tag (37) | | | | |
| | | | | |
| | \square | | | |
| LH In (29) | | | | |
| LH Out (2A) | | LH Front (19) | | |
| | □ Sinale tires | ☑ With spare tire | | |
| | ·····g·- ····- | · | | |
| | | | ~ | |

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







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).

| PREVOST TPMS Light Version (Volvo Canada) | - 🗆 X |
|---|---|
| | |
| Language | |
| General (●) English ○ Francais Vin VIN | Edit & Save Data updates |
| Transfer vers is module Submit->ECU Load | Read → Read parameters from ECU |
| Sensors Configuration of pressures by axes | Position of tire |
| LH tag (37) LH Out (26) | |
| $\begin{array}{c c} \text{Tire} \\ \text{pressure} \end{array} \xrightarrow{\left(\begin{smallmatrix} p_{51} \\ 0 \end{smallmatrix}\right)} \left(\begin{smallmatrix} p_{51} \\ 0 \end{smallmatrix}\right)$ | |
| LH tag | |
| Battery percentage | Vith single tires Sensor With spare tire number |

2. Tool definition (axle pressure configuration).

| PREVOST TPMS Li | ght Version (Volvo Canada) | | | | _ | |
|-----------------|---|--|---|----------------------------|---|--|
| PRE | VOST. | | | | | |
| _ | | | | | | |
| | General English Francais Vin | | Modifier & Sauvegarder | Enregistrer | | |
| | fransfert vers le module Soumettre->ECL | J | | Lire les paramètres de ECU | | |
| | Capteurs Co AXE3 | nfiguration des pressions par axes AXE2 | AXE1 | Rechange | | |
| | TAS 0 VCNue800577 1/24/2024 85752 AM | Modification de la valleur pression | CUD FRONT 0 VCNube00 1724/2024 | 993 85752 AM | | |

HOW TO USE THE TOOL

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

| General English O Francais Vin PrevostVin:R-1 | 614 | | (E) Data updates |
|---|------------------------------------|----------------------------|--------------------------|
| | \searrow | | |
| Transfert vers le module Submit->EC | CU | | Read parameters from ECU |
| Sensors | Configuration of pressures by axes | | |
| 1392513263 90 % | LH tag (377) LH In (27) | 1392513344 | 1392513852 |
| | (110) LH In (29): | 90 % 90 % 1392512035 | (⁹⁵¹) |
| 1392511778 | LH tag | | 90 %) 1392514193 |
| | | □ Single tires | With spare tire |

2. To modify the information, click on "Data updates".

| General | | | |
|--|----------------|-------------|--------------------------|
| English O Francais | | (2) | Data undates |
| Vin PrevostVin:R-1614 | | S | Data upuates |
| \searrow | | | |
| Transfert vers le module | | | |
| Submit->ECU | | 1 tên | Read parameters from ECU |
| Sensors Configuration of pressures by axes | | | |
| | | | |
| 1392513263 | | 1392513852 | LH Front (177) |
| 90 % | 1392513344 | 90 % | U |
| PSI PSI | 90 %) | | PSI \ |
| | 90 % | | (91) |
| LH In (29) | 1392512035 | | |
| 90 %) | | 90 %) | |
| 1392511778 | | 1392514193 | LH Front (19) |
| | □ Single tires | | ☐ With spare tire |
| | | | |

- 3. Values you can modify :
 - TPMS sensor numbers: sensor replacement and tire rotation (take a screenshot before making any changes).

| General | | | |
|------------------------------------|-------------------------------------|------------------|----------------------------|
| C English Erance Vin PrevostVin | xR-1614 | | Enregistrer |
| Transfert vers le module | | | |
| Soumettre | e->ECU | | Lire les paramètres de ECU |
| Capteurs | Configuration des pressions par axe | 5 | |
| 1392513263 | LH tag (372) | | 1392513852 |
| 90 % | LH In (27) | 1392513344 | 90%) |
| | (85) (110) | 90 % | |
| 90 % | LH In (29) | | 90 % |
| 1392311/10 | | | |
| | | - Prieus simples | Avec plied de reclainge |

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

| General | | Save |
|---|--|--|
| Transfert vers le module Submit->ECU | IJ | Read parameters from ECU |
| Sensors AXE3 | Configuration of pressures by axes AXE2 | AXE1 Sapre |
| TAG B5 VCN1µ038468 1/23/2024 10:34:00 AM | DRIVE 110 VCNVa038468 1/23/2024 10:34:00 AM | FRONT 95 VCINja036468 1/23/2024 10:34:00 AM |
| | | |

4. Save your changes "Save" :

| General Francais Vin PrevostVin:R-1614 | | Save |
|---|---------------------------|--------------------------|
| Transfert vers le module Submit->ECU | | Read parameters from ECU |
| Sensors Configuration of pressures by axes | 139 1392513344 90 % | 92513852 0 %) |
| (85) (110) 90 %) 1392511778 LH tag | 90 % 1392512035 | (9) 20%) D2514193 |
| | □ Single tires | ☐ With spare tire |

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

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

| English | 514 | | () Data updates | |
|-------------------------------------|------------------------------------|--------------------|---------------------|------------|
| Transfert vers le module Submit->EC | :U | | Read parameter | s from ECU |
| Sensors | Configuration of pressures by axes | | | |
| 1392513263 90 %) | LH tag (37) LH in (27) | 1392513344 90%) | 1392513852 | 8 |
| 90 %) 1392511778 | LH In (29) | 90 % 1392512035 | 90 %) 1392514193 | |
| | | ✓ Single tires | □ With spare | tire |

PARTS / WASTE DISPOSAL

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

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