

SERVICE PROCEDURE

REFERENCE: FSA 202512

DATE: 21.10.2025

SUBJECT: TPMS Module Incorrect Position Fixing

FSA TYPE: Next Service Visit

Introduction

In 4142D, 4145D, 4445XD, 6X4 Vehicles, If the TPMS module (**RC46 1560 AC**) location differs from the specified point, its position will be changed along with the bracket. Additionally, if damage is detected in the TPMS module, the relevant part must be replaced.

- Please review the Service Application section for information on the procedures to be performed.

FSA 202512A:

For 4142D, 4145D and 6X4 Vehicles,

Service Implementation:

Labour Code	Labour Name	Duration (hr)
F3V18 1A170CNTR	Bracket Visual Control (FSA Application)	0.10 hr
F3V18 1A170	TPMS Bracket R/I	0.10 hr
F3V18 1560**	TPMS Module Replacement	0.10 hr
F3V18 TPMSCALB**	TPMS Calibration via FODIT	0.15 hr

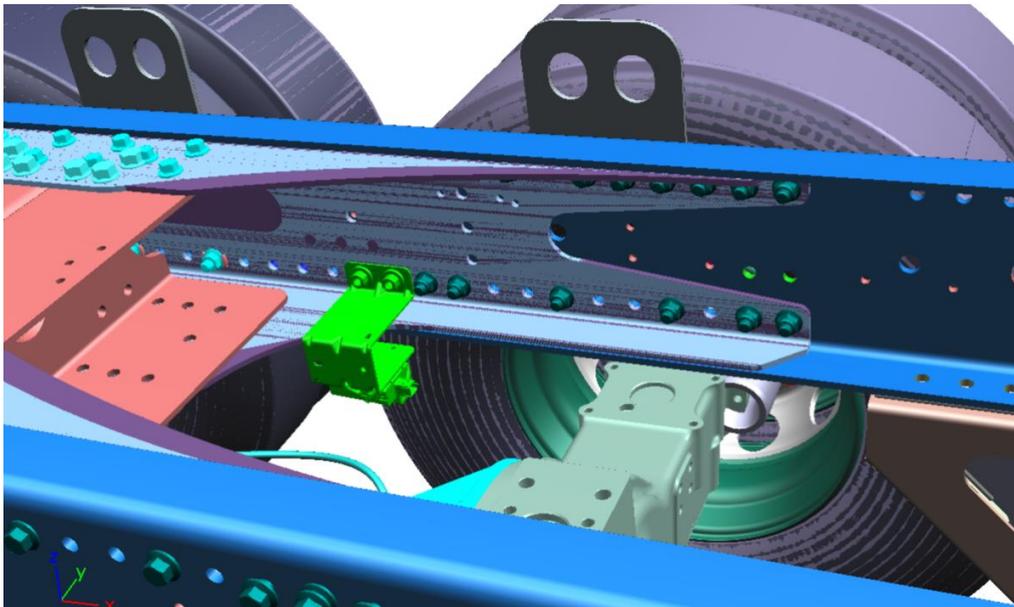
Part Usage:

Part Code	Part Name	Quantity
RC46-1560-AC**	TPMS Module	1

READ CAREFULLY BEFORE OPERATION !

**** If the TPMS module is in an incorrect location, first check the module for any physical damage. If there is physical damage, replace the TPMS module. Photo evidence is required for TPMS Module replacement. So that reason, please open warranty pre-approval ticket.**

- 1) Check whether the TPMS module is located in the correct position on the 4142D and 4145D vehicles.
- 2) **If the TPMS module is in the correct location, do not perform any action.**



CORRECT LOCATION

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DAMAGED LOCATION

- 3) If the TPMS module is in an incorrect location, first check the module for any physical damage. If there is physical damage, replace the TPMS module (**RC46 1560 AC**) and identify TPMS sensors with FODIT Tool (**identify section**). Upload the part that broken on system. If not, continue using the same module.
- 4) Loosen the bolts of the bracket to which the TPMS module.
- 5) Torque the TPMS module bracket to the new location with **185NM**.
- 6) Verify on the cluster screen whether the correct tire pressure data is being received.



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FSA 202512B:

For 4445XD Vehicles,

Service Implementation:

Labour Code	Labour Name	Duration (hr)
F3V18 1A170	TPMS Bracket R/l	0.10 hr
F3V18 1560**	TPMS Module Replacement	0.10 hr
F3V18 TPMSALB**	TPMS Calibration via FODIT	0.15 hr

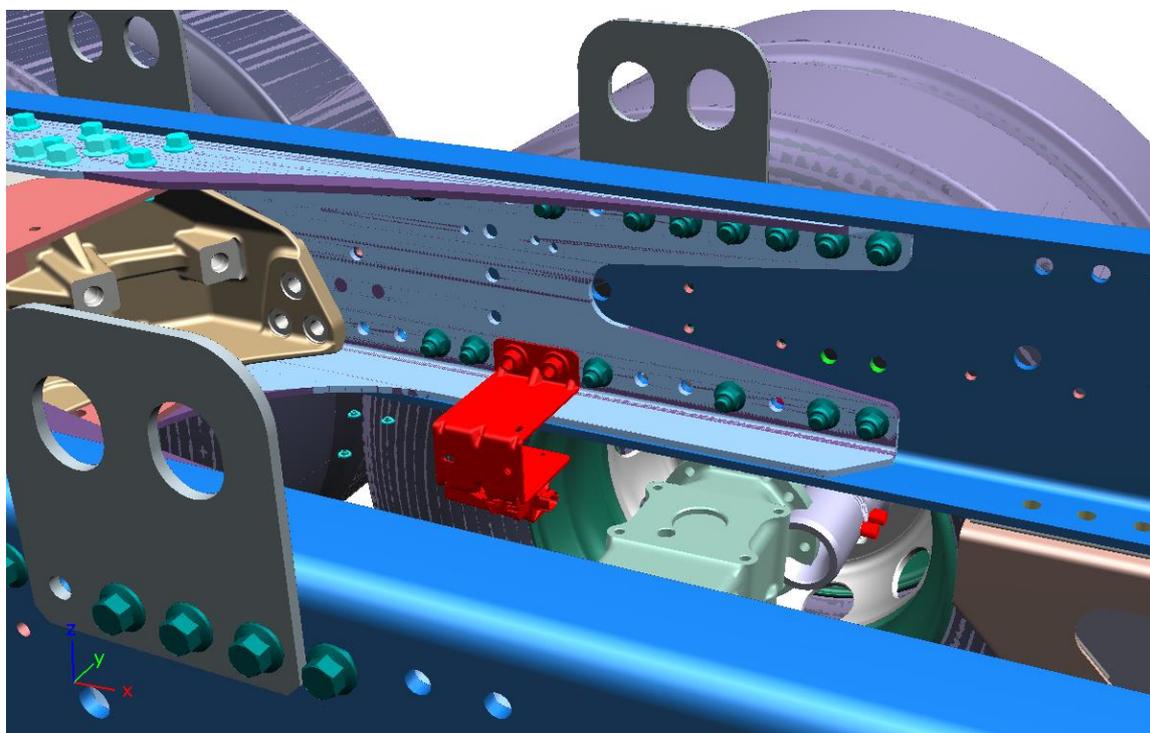
Part Usage:

Part Code	Part Name	Quantity
RC46-1560-AC**	TPMS Module	1

READ CAREFULLY BEFORE OPERATION !

**** If the TPMS module is in an incorrect location, first check the module for any physical damage. If there is physical damage, replace the TPMS module. Photo evidence is required for TPMS Module replacement. So that reason, please open warranty pre-approval ticket.**

- 1) First check the module for any physical damage . If there is physical damage, replace the TPMS module (**RC46 1560 AC**) and identify TPMS sensors with FODIT Tool (**identify section**). Upload the part that broken on system .If not, continue using the same module.



INCORRECT LOCATION

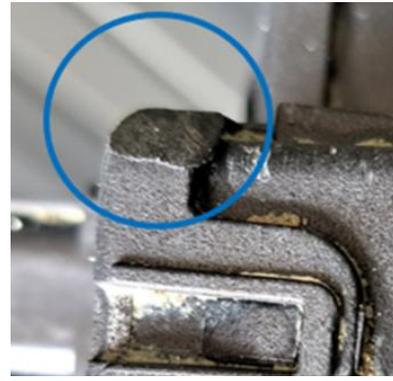
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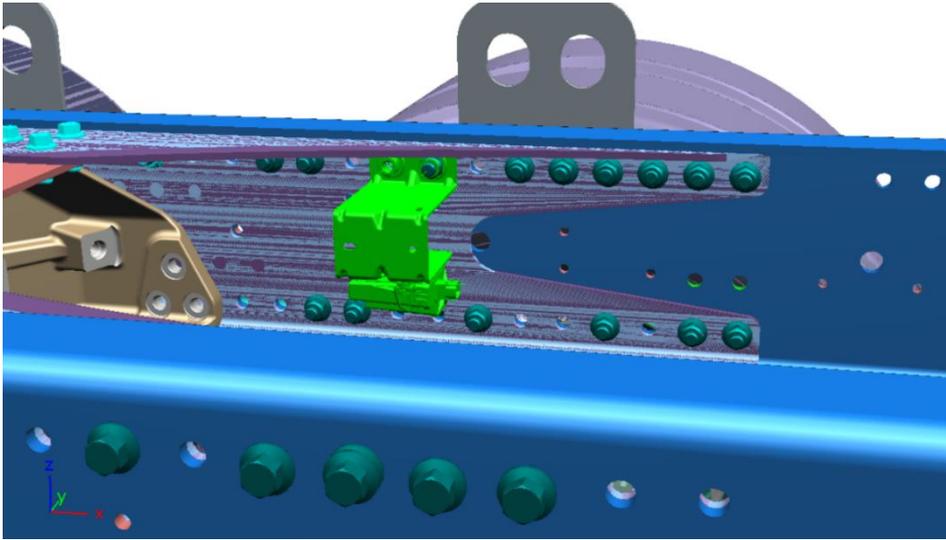
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DAMAGED LOCATION

- 2) Loosen the bolts of the bracket to which the TPMS module.
- 3) Torque the TPMS module bracket to the new location with **185NM**.



CORRECT LOCATION

- 4) Verify on the cluster screen whether the correct tire pressure data is being received.



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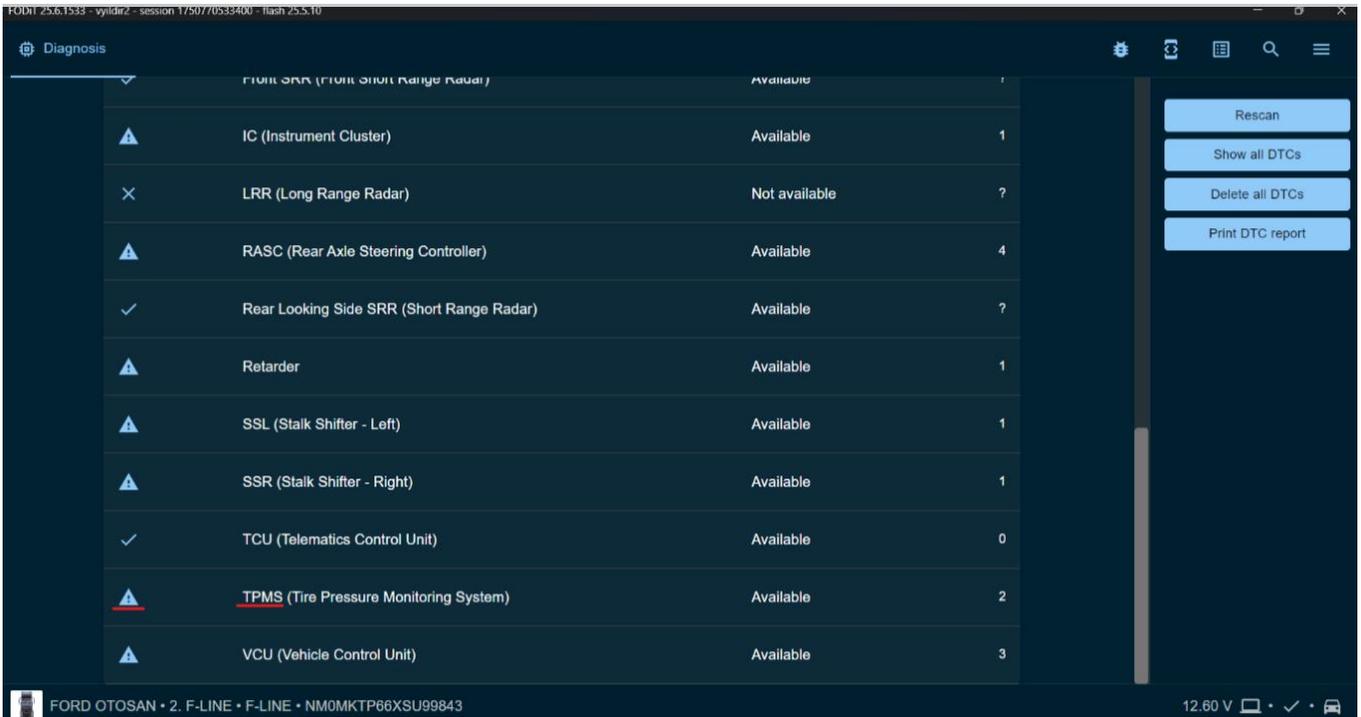
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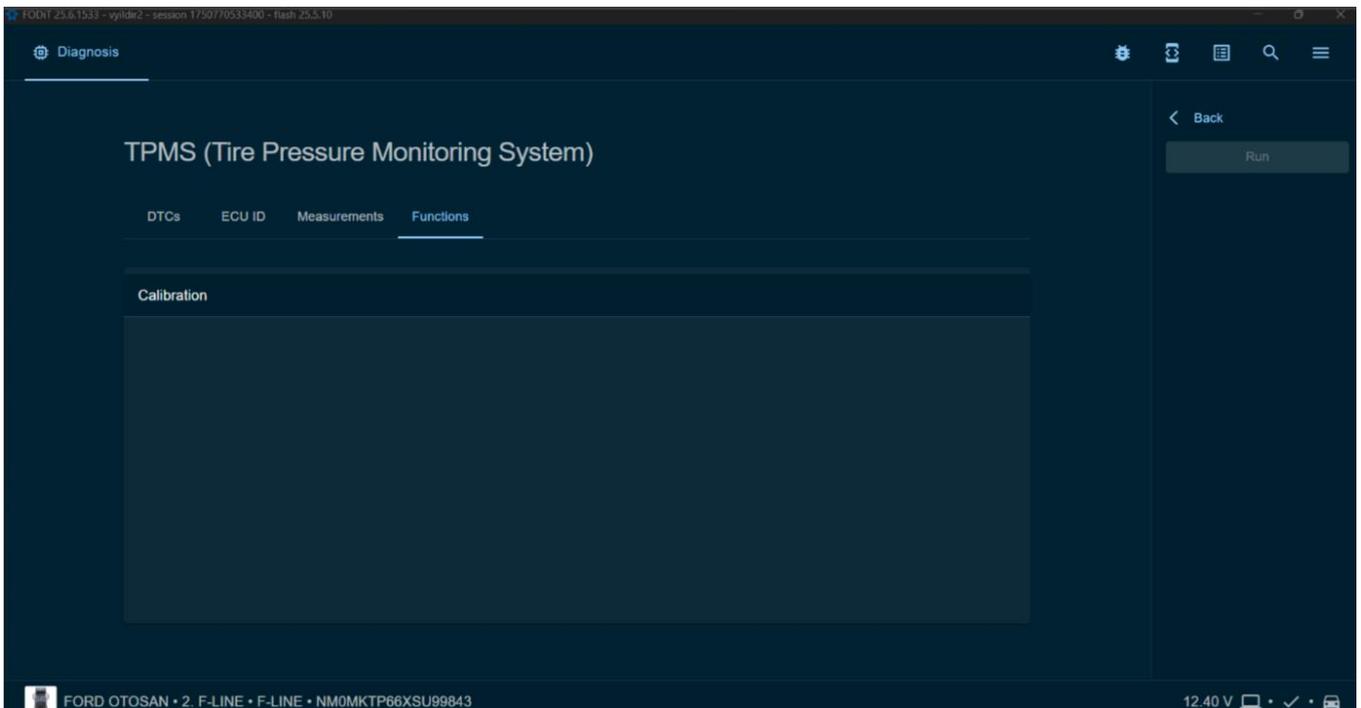
FSA TYPE: Next Service Visit

TPMS CALIBRATION STEPS:

- 1) Open TPMS module section on FODIT.



- 2) Open Functions in TPMS module section.



SERVICE PROCEDURE

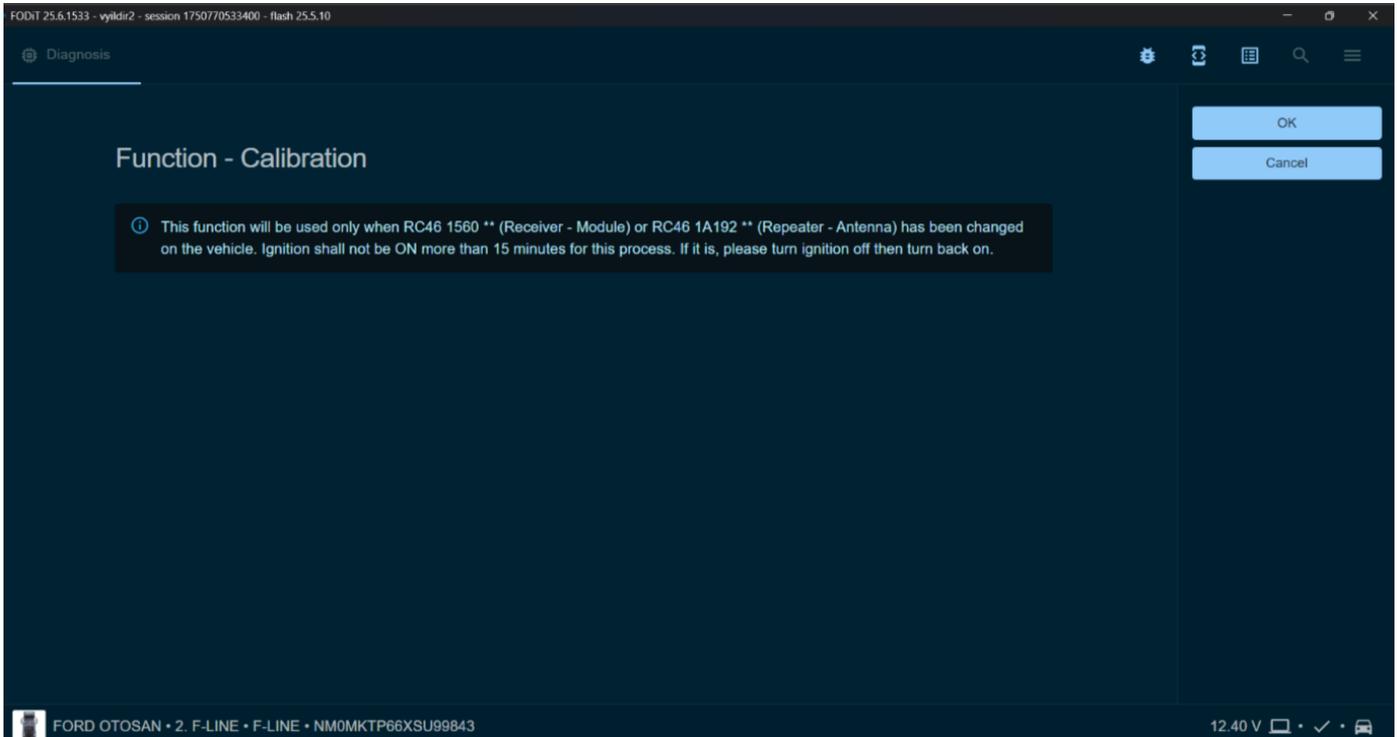
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3) Select calibration in function section.



4) Fill the vehicle and tire type on function menu.



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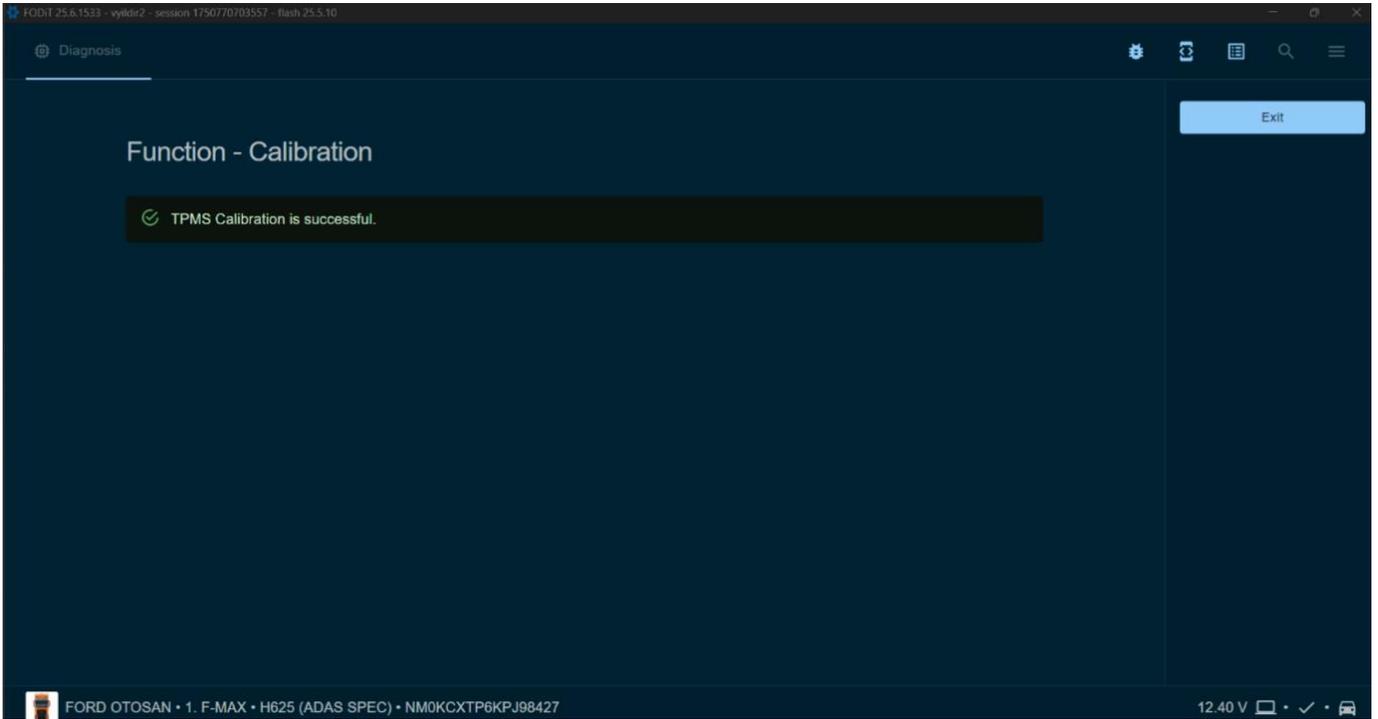
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- 5) Select apply and calibrate the TPMS modül.



- 6) If the vehicle tires do not appear on the cluster screen, the TPMS menu is entered via the cluster screen.



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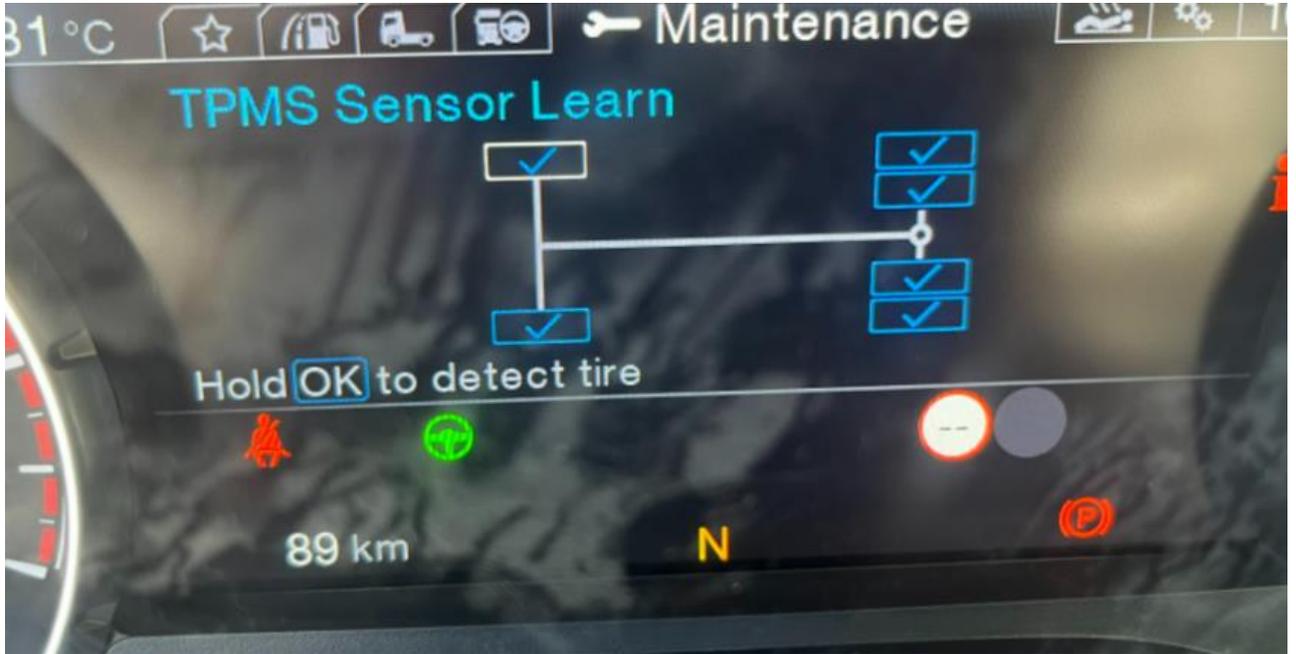
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- 7) The tire to be identified is selected and the "OK" button is pressed. After that, the corresponding tire air is quickly lowered and the tire reading process is successfully performed. Upload the TPMS value screenshot on the system.



Best Regards

Ford Trucks Service Engineering