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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: TIRE PRESSURE MONITORING: TIRE PRESSURE WARNING VALVE: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSTALLATION

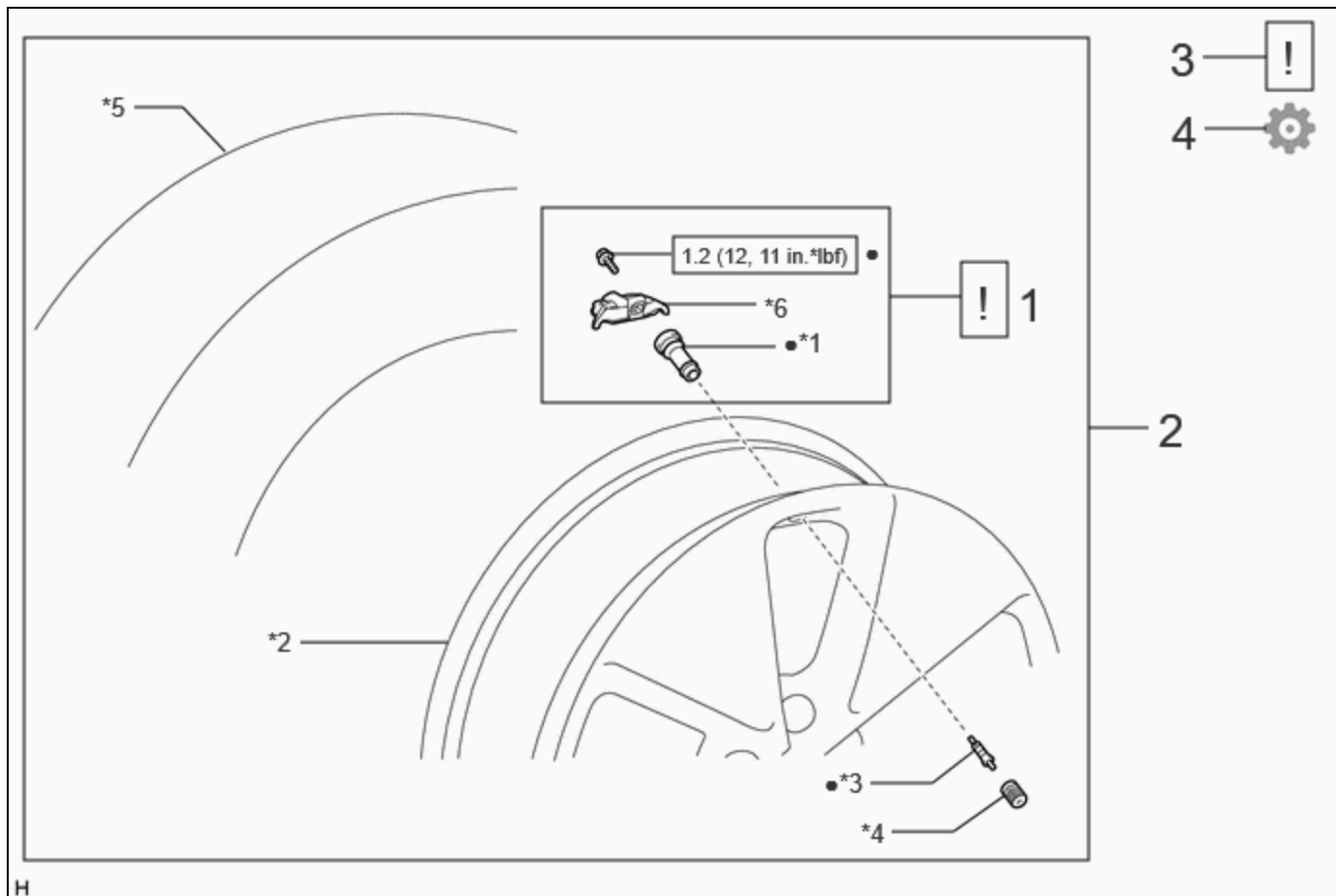
CAUTION / NOTICE / HINT




NOTICE:


- Always use a new bolt, tubeless tire valve and valve core when installing the tire pressure warning valve and transmitter.
- Make sure not to damage the urethane covered backside of the tire pressure warning valve and transmitter (the surface opposite to the side with the ID code) with anything sharp.
- Write down the ID number before installation.
- Check that there is no oil, water or lubricant around the rim hole and tire pressure warning valve and transmitter. Failing to do so may result in improper installation.
- Use only a specified tire valve cap. If an unspecified tire valve cap is used, it may seize to the tire pressure warning valve and transmitter.

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)

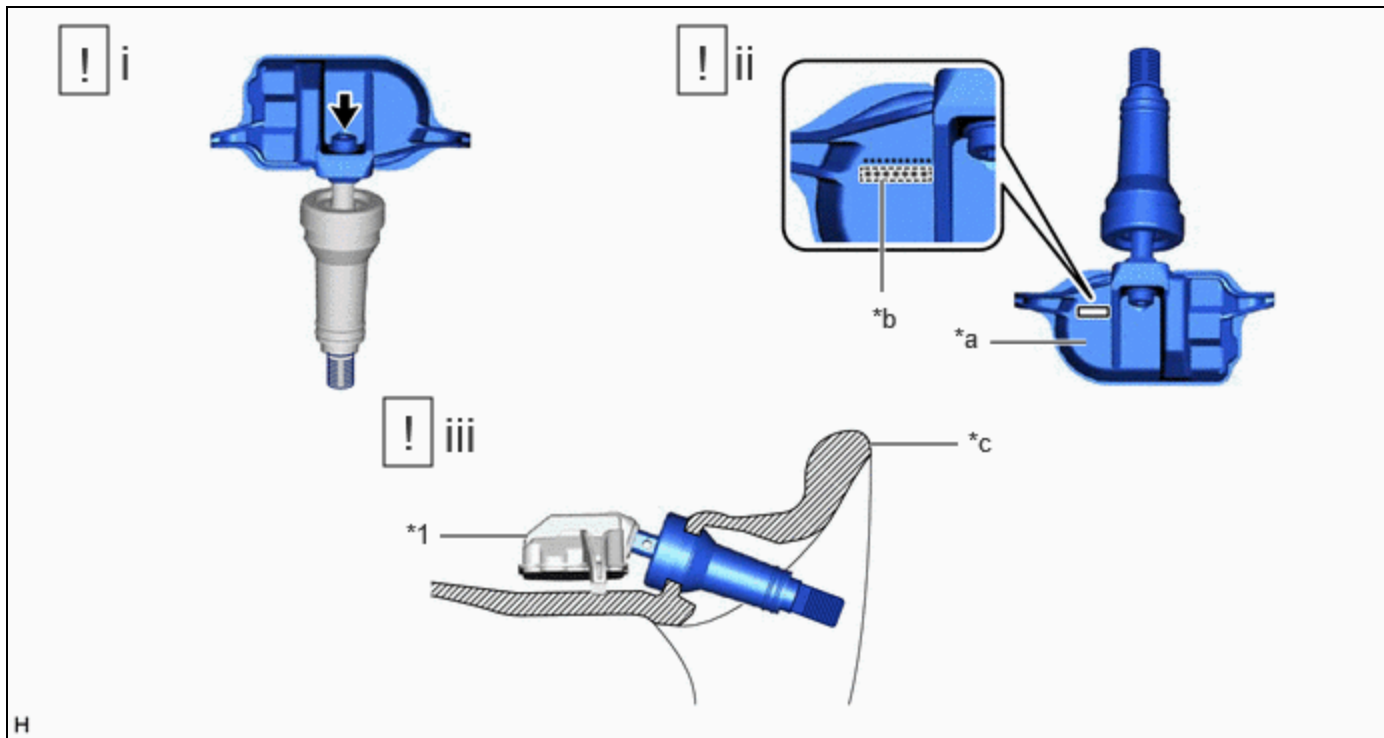


PROCEDURE		PART NAME CODE			
1	TIRE PRESSURE WARNING VALVE AND TRANSMITTER	42607	INFO	-	-
2	WHEEL ASSEMBLY	-	-	-	-
3	INSPECT TIRES	-	INFO	-	-
4	PERFORM INITIALIZATION	-	-	-	INFO

*1	TUBELESS TIRE VALVE	*2	DISC WHEEL
*3	VALVE CORE	*4	TIRE VALVE CAP
*5	TIRE	*6	TIRE PRESSURE MONITOR SENSOR
	N*m (kgf*cm, ft.*lbf): Specified torque		<ul style="list-style-type: none"> Non-reusable part

PROCEDURE

1. INSTALL TIRE PRESSURE WARNING VALVE AND TRANSMITTER



*1	Tire Pressure Warning Valve and Transmitter	-	-
*a	Printed Surface	*b	7-digit Transmitter ID Number
*c	Rim	-	-

(1) Using a T10 "TORX" socket wrench, install the tire pressure monitor sensor to a new tubeless tire valve with a new bolt.

Torque:

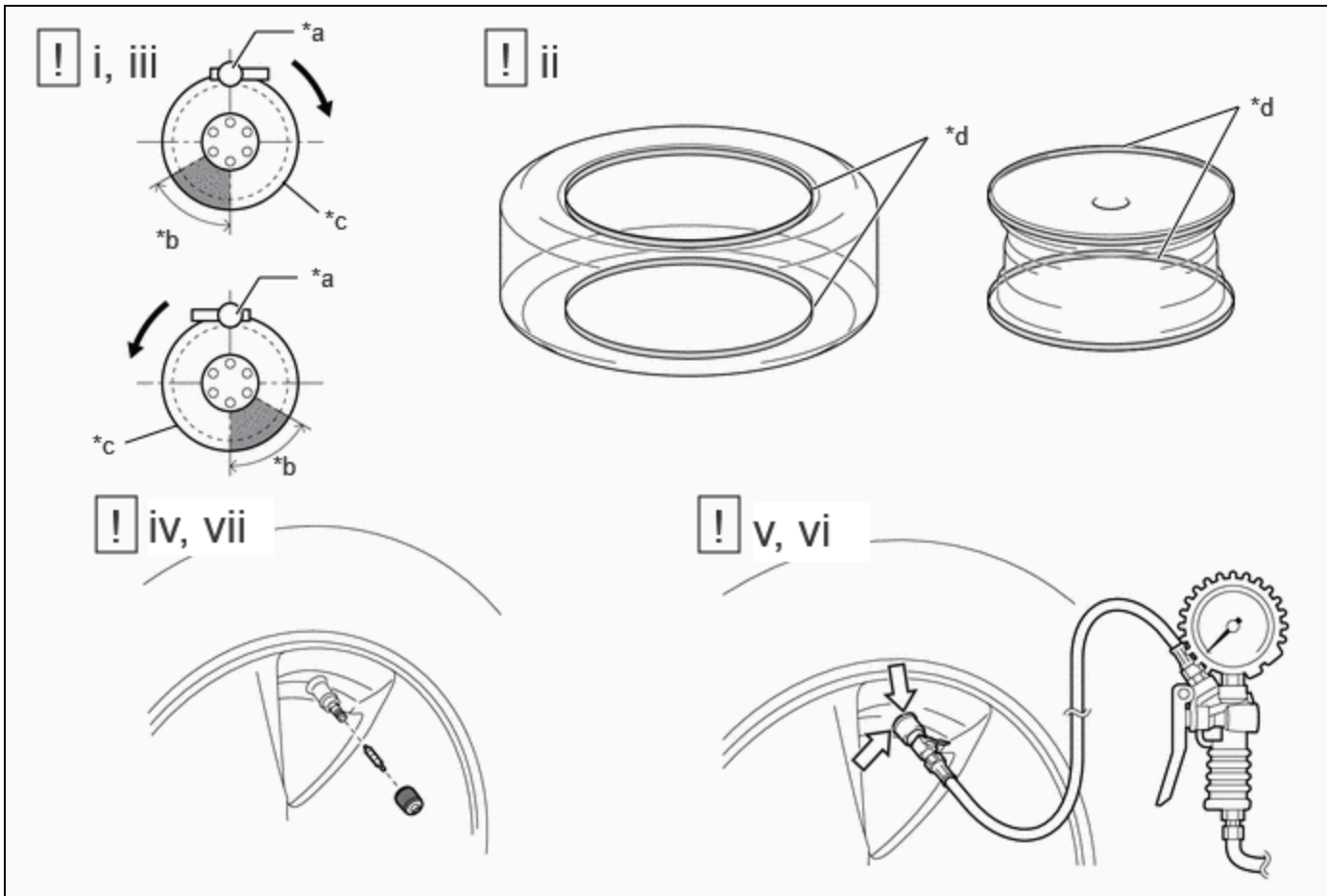
1.2 N·m {12 kgf·cm, 11 in·lbf}




(2) Write down the 7-digit transmitter ID number shown in the illustration.

(3) Insert the tire pressure warning valve and transmitter from the inside of the rim.

NOTICE:

- Make sure that the tire pressure warning valve and transmitter is installed so that the printed surface can be seen. If the tire pressure warning valve and transmitter is installed upside down, it may be damaged or fail to transmit signals when driving at high speeds.
- Check that there is no deformation or damage to the tire pressure warning valve and transmitter.
- Check that there is no foreign matter on the around the rim hole.



*a	Mount Tool of the Mounting Machine	*b	60°
*c	Rim	*d	Soapy Water
	Rim Rotating Direction		Check the surroundings of the tire pressure warning valve and transmitter for air leaks
	Area for Tire Pressure Warning Valve and Transmitter	-	-

(1) Set the tire and disc wheel onto the mounting machine as shown in the illustration.

NOTICE:

- Position the main body of the tire pressure warning valve and transmitter in the area shown in the illustration.
- If the tire pressure warning valve and transmitter is positioned outside this area, it will interfere with the tire bead and may be damaged.

(2) Apply a sufficient coat of soapy water or equivalent to the tire bead and rim.

NOTICE:

Do not apply soapy water or equivalent directly to the tire pressure warning valve and transmitter.

(3) Using a mounting machine, install the tire to the disc wheel.

NOTICE:

- Make sure that the tire bead and mount tool do not interfere with the tire pressure warning valve and transmitter.
- Make sure that the tire pressure warning valve and transmitter is not clamped by the bead and rim.

(4) Install a new valve core.

(5) Inflate the tire to the specified tire inflation pressure.

Click here [INFO](#)

(6) Check the surroundings of the tire pressure warning valve and transmitter for air leaks with soapy water or equivalent.

1. If air is leaking from the valve core, press the valve core several times to remove foreign matter. Replace the valve core as necessary.
2. If air is leaking from around the tire pressure warning valve and transmitter, check if the tubeless tire valve is not deformed, damaged or contaminated with foreign matter. Replace the tubeless tire valve as necessary.

(7) Install the tire valve cap.

2. INSTALL WHEEL ASSEMBLY

Click here [INFO](#)

3. INSPECT TIRES

Click here [INFO](#)

4. PERFORM INITIALIZATION

for Tire pressure warning system: Click here [INFO](#)

HINT:

Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System).

for Parking assist monitor system: Click here [INFO](#)

for Panoramic view monitor system: Click here [INFO](#)

for Advanced park: Click here [INFO](#)

