

Safety Recall 4721B – 2021 Mazda3 & CX-30 Air May Leak Suddenly from Tire Valve Stem

A. VEHICLE INSPECTION PROCEDURE

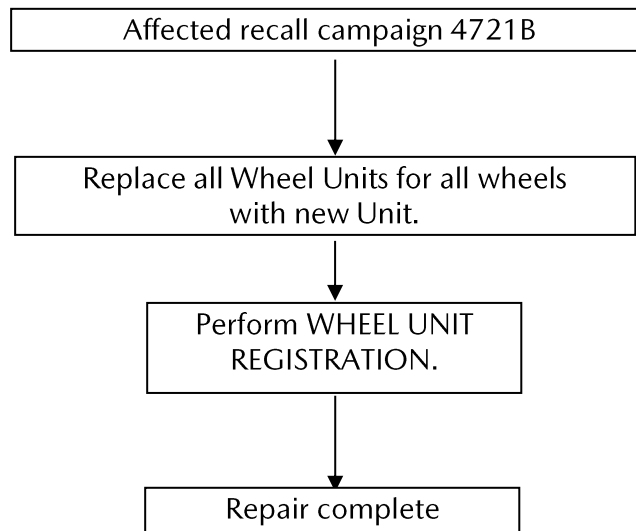
Verify that the vehicle is within the following ranges:

CAUTION: THIS PROCEDURE IS INTERIM AS PARTS ARE NOT YET AVAILABLE TO REPLACE

Models	Subject VIN range	Subject production date range
2021MY CX-30	3MVDM**** MM – 217514 - 229817	From September 25, 2020 through November 9, 2020
2021MY Mazda3	3MZBP**** MM 207935 - 207975	From October 22, 2020 through October 23, 2020

The asterisk symbol "*" can be any letter or number.

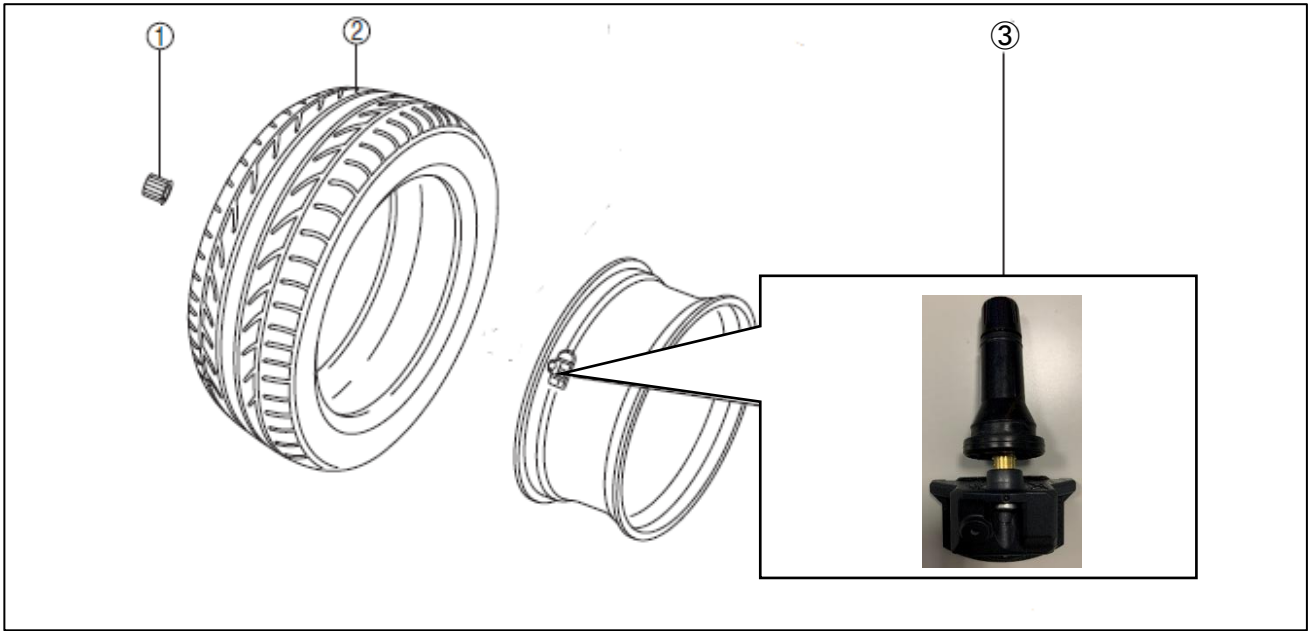
Repair Flow Chart



Warning: Damage to the Tire, Valve Stem or Wheel Rim due to improper installation will not be reimbursed by the warranty department. Please follow all warnings when replacing the Tire Valve Stems.

B: REPAIR PROCEDURE

1. Remove in the order indicated in the table.



#	Description	Note
1	Valve cap	N/A
2	Tire	N/A
3	Wheel unit component	Tire Valve Stem (TPMS Unit)

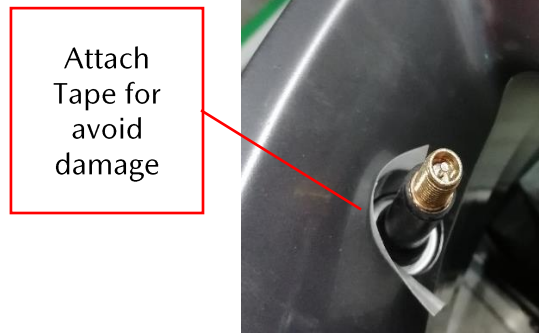
2. Remove the Tire – CAUTION: Do not damage the Wheel.
3. Remove the Tire Valve Stem (TPMS Unit) using a T-10 TORX Bit



4. Pull down the Wheel unit from valve stem. If needed use a standard TPMS Service Tool (available locally) and place a soft, scratch-resistant cloth on the wheel rim to prevent scratching/damage.



5. Remove the valve stem using a soft, scratch-free material between the tool and the wheel to prevent scratching/damage.



6. Install Tire Valve Stem (TPMS Unit) – Quantity 4 - in the reverse order of removal.

(Top side view)



Apply lubricant to prevent damage



7. Remove the valve cap.



8. Install the Wheel unit component to the valve stem. Flat side of the sensor must be facing the wheel.



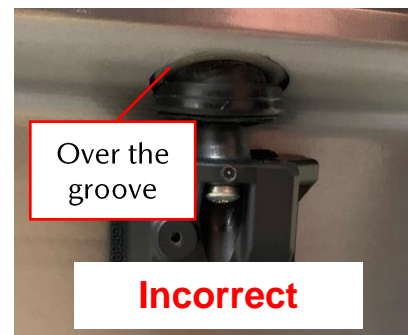
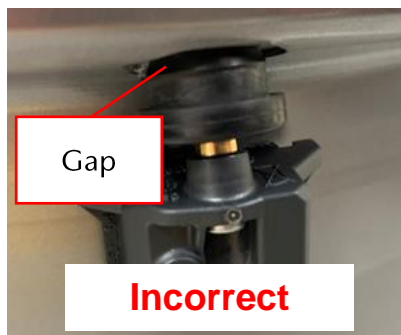
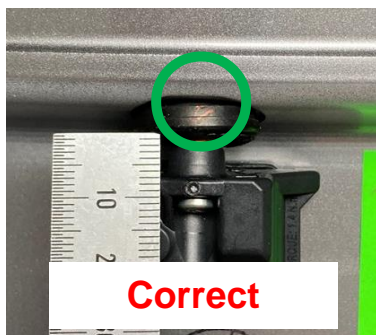
Caution: **DO NOT separate the valve and sensor unit.** If removed, a new complete assembly will be needed (cannot claim under the recall)



9. Install the Tire Valve Stems (Quantity = 4). If needed use a standard TPMS Service Tool and place a soft, scratch-resistant cloth on the wheel rim.



10. Verify the installation by checking the Distance between the Valve stem base and ensure there is no Gap where the Tire Valve Stem attaches to the wheel Groove and



11. Re-install the tire to the rim. Refer to the Workshop manual for Tire Installation note if needed. Caution: To avoid damage of Wheel unit component, refer the Workshop manual as necessary.

12. Re-fill the tire with air and install the tire valve stem cap

CAUTION

- A direct TPMS wheel unit has an exclusive valve cap. Always install the direct TPMS exclusive valve cap.
- The wheel unit air pressure stem is made of aluminum and can be damaged. Do not tilt or use excessive side force when checking the air pressure or filling a tire with air. Some tire pressure gauges and air filling nozzles have extended tips, which could bend or break the air pressure stem of the wheel unit due to the added force they can apply.
- Do not use a tire pressure gauge with an extended tip or air injector nozzle, because it will apply excessive force to the air pressure stem of the wheel unit.

WHEEL UNIT ID REGISTRATION

Note: After the wheel unit replacement, registration of the wheel unit identification codes must be performed. Please follow the steps below to perform the wheel unit registration.

Register the Wheel Unit ID according to the instructions on MGSS online: [**WHEEL UNIT ID REGISTRATION**](#)

1. Switch the ignition ON (engine off or on).
2. Switch the ignition off. Note: The TPMS warning light will illuminate and flash – this is normal until programming is complete.

3. Leave the vehicle with the ignition switched off for a minimum of 19 minutes.
4. Switch the ignition on and start the engine.
5. Drive the vehicle at a minimum speed of 16 mph (25 km/h) or more for a minimum of 3 minutes.
6. After driving for 3 minutes, verify that the TPMS warning light does not flash and is not illuminated.
7. Leave engine idling for an additional 5 minutes to prevent the low battery risk warning lamp from displaying on the IC cluster.

C. CAMPAIGN LABEL INSTALLATION:

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "4721B", your dealer code, today's date.

CAMPAIGN LABEL

CAMPAIGN NO: _____

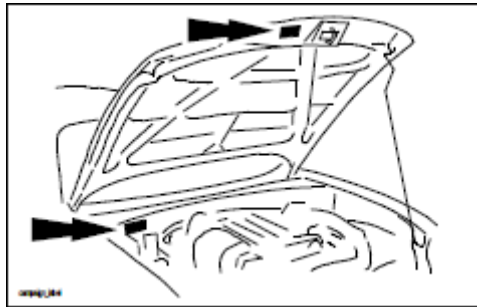
DEALER CODE: _____

DATE: ____/____/____

PIN 9999-95-065A-06

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2. Affix it to the hood or bulkhead as shown:



3. Return the vehicle to customer.

END OF REPAIR PROCEDURE