

Classification:

WT20-001

Reference:

ITB20-003

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Date:

February 10, 2020

2014-2020 Q50 AND 2017-2020 Q60; TPMS SENSOR LEAKING AIR

APPLIED VEHICLES: 2014-2020 Q50 (C37)
2017-2020 Q60 (CV37)

APPLIED DATE: Built before December 26, 2019

IF YOU CONFIRM

The vehicle has the original equipment wheels and TPMS sensors (tire pressure sensors) installed.

AND

The owner states that one or more tires has a continuous air leak or loses air pressure multiple times over a 30 day period (approximately 1 psi every 3 days).

NOTE: The TPMS warning lamp may be ON (not flashing) with one or more of the following DTCs stored:

- C1704, C1705, C1706, C1707, C1730, C1731, C1732, C1733
- If the TPMS warning lamp is flashing for more than one (1) minute this bulletin does not apply. Refer to the Electronic Service Manual (ESM) for further diagnostic information.

ACTION

1. Confirm that air is leaking between the tire pressure sensor's valve stem and valve nut of the affected wheel/tire.
2. Replace the valve stem washer/seal and the valve nut and then torque to the new specification.

IMPORTANT: The purpose of ACTION (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire SERVICE PROCEDURE as it contains information that is essential to successfully completing this repair.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, **DO NOT** assume that it does. See your Infiniti retailer to determine if this applies to your vehicle.

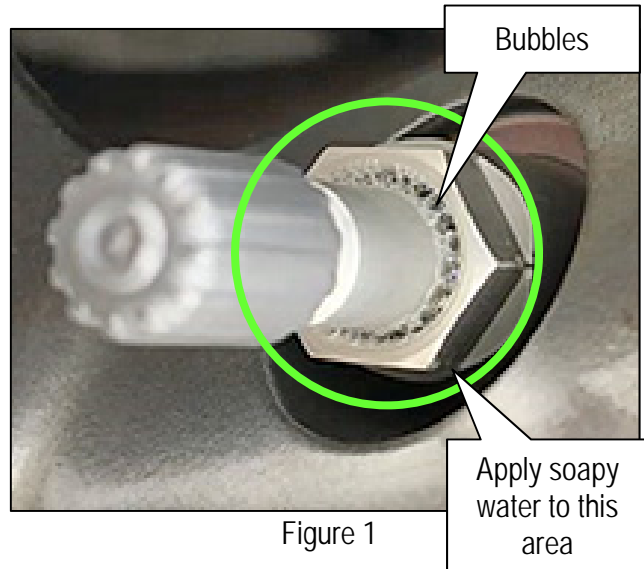
SERVICE PROCEDURE

1. Adjust the tire pressure to 35 psi on the affected wheel/tire.

2. Apply a mixture of soap and water to the area shown in Figure 1.

3. Visually inspect for bubbles in the area between the valve stem and the valve nut.

- If bubbles were found in the area shown in Figure 1, proceed to step 4.
- If no bubbles were found, this bulletin does not apply. Further inspection may be necessary to locate a wheel/tire leak that is not covered by this bulletin.

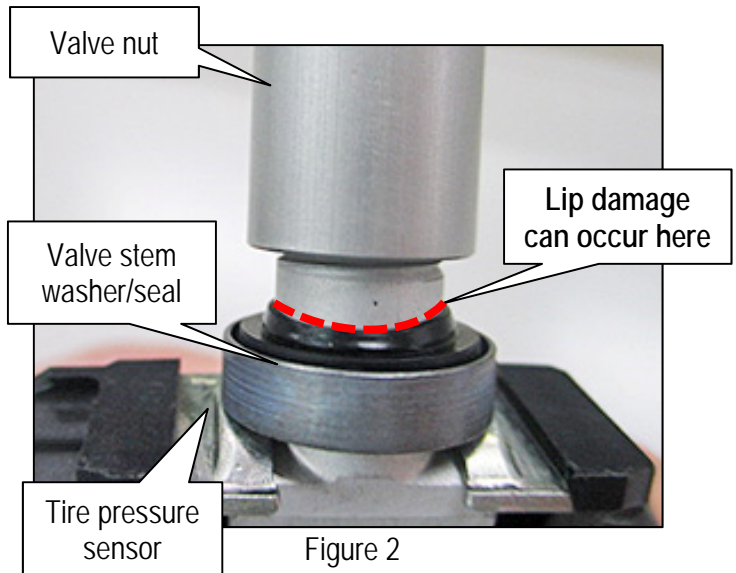


4. Remove the affected tire pressure sensor from the wheel.

5. Replace the valve stem washer/seal.

- See the **PARTS INFORMATION** on page 3.

NOTICE Valve stem washer/seal lip damage may occur if the valve stem seal is not centered in the wheel. Take care to center the valve stem when installing into the wheel (see Figure 2).



6. Reinstall the tire pressure sensor into the wheel with a new valve nut from the **PARTS INFORMATION** on page 3, and then torque to the new specification below.

- Valve nut torque: 10 N•m \pm 0.5 (1.02 kg-m, **88.5 in-lb**)

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Washer/Seal (1)	40702 or 40708 (2)	1 per sensor
Valve Nut	40780-JA02A	1 per sensor

- (1) Single-use part.
- (2) Refer to the electronic part catalog and reference the VIN for the vehicle specific part number.

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Tire Pressure Sensor Seal	(1)	PW25AA	ZT	53	(2)
Each Additional Sensor Seal		PW251A			

- (1) Reference the electronic parts catalog and use the Tire Pressure Sensor (40708-*****) as the Primary Failed Part (PFP).
- (2) Reference the current Infiniti Warranty Flat Rate Manual and use the indicated Flat Rate Time (FRT).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
February 10, 2020	ITB20-003	Original bulletin published