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# SERVICE BULLETIN

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Classification: BT19-002	Reference: NTB19-034	Date: April 16, 2019
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## 2018-2019 TITAN XD; WHISTLE NOISE FROM VEHICLE FRONT AT 60 MPH AND ABOVE

**APPLIED VEHICLES:** 2018-2019 Titan XD (A61)

**APPLIED VIN:** 2018 Titan XD: Vehicles built on or after 1N6(\*)A1(\*\*\*)JN505575  
2019 Titan XD: Vehicles built before 1N6(\*)A1(\*\*\*)KN510702

**APPLIED DATE:** Vehicles built from October 24, 2017 to October 29, 2018

### IF YOU CONFIRM

A whistle type noise heard from the vehicle front at speeds of 60 MPH and above.

### ACTION

1. Confirm the source of the whistle noise by referring to steps 1 and 2 of the **SERVICE PROCEDURE** on the next page.
2. If the whistle noise stops after applying the tape, replace the grille-to-hood seal with the new one listed in the **PARTS INFORMATION** on the last page of this bulletin.
3. Ensure the hood is adjusted correctly.

**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.

Nissan 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 Nissan dealer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

1. Apply painters tape over the gap between the grille and hood as shown in Figure 1.



Figure 1

2. Road test the vehicle under the same conditions used when the whistle noise was confirmed.
  - If the whistle noise is no longer present, proceed to step 3.
  - If the whistle noise is still present, this bulletin does not apply. Refer to ASIST and the Electronic Service Manual (ESM) for further diagnostic and repair information.
3. Remove the tape applied during the diagnosis.
4. Remove the grille.
  - Refer to the ESM for grille removal: BODY EXTERIOR, DOORS, ROOF, & VEHICLE SECURITY > EXTERIOR > REMOVAL AND INSTALLATION > FRONT GRILLE.
5. Place the grille on a clean work surface with the backside facing upward.
6. Using a suitable tool, cut the seal retaining clips, and remove the seal. See Figure 2.

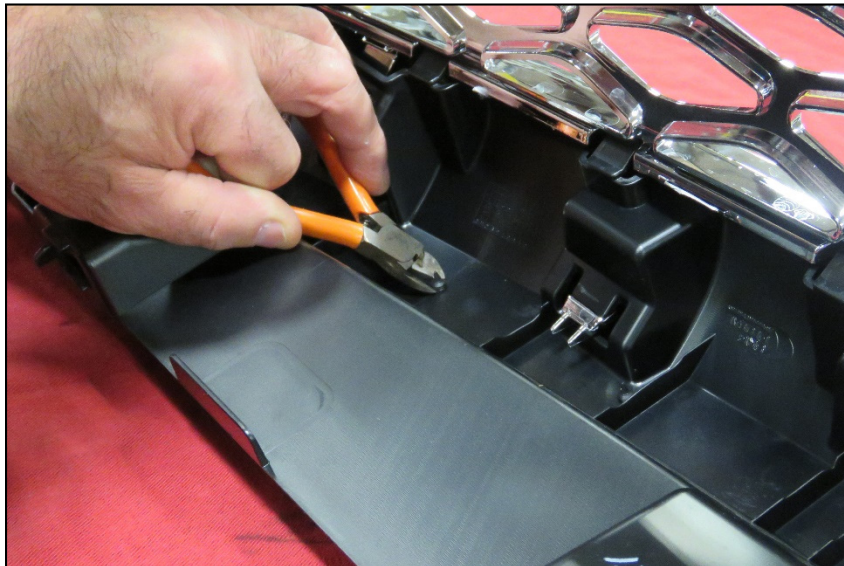


Figure 2

7. Install the new hood seal listed in **PARTS INFORMATION** on the last page.
8. Install the grille in the reverse order of removal.

**IMPORTANT:** If equipped with a front camera, perform camera calibration described in the flow chart in the ESM. See DRIVER INFORMATION & MULTIMEDIA > AUDIO, VISUAL & NAVIGATION SYSTEM > INTELLIGENT AROUND VIEW MONITOR SYSTEM > BASIC INSPECTION > INSPECTION AND ADJUSTMENT > CALIBRATING CAMERA IMAGE (AROUND VIEW MONITOR).

9. Perform the initial hood adjustment inspection per the ESM. (Additional hood adjustments will be made starting on step 10.)
  - Refer to the ESM for the hood adjustment: BODY EXTERIOR, DOORS, ROOF, & VEHICLE SECURITY > DOOR & LOCK > REMOVAL AND INSTALLATION > HOOD > HOOD ASSEMBLY > ADJUSTMENT.
10. Place three sections of painters tape over the gap between the grille and the hood at the three locations as shown in Figure 3. Ensure the tape is applied completely flat with no wrinkles.

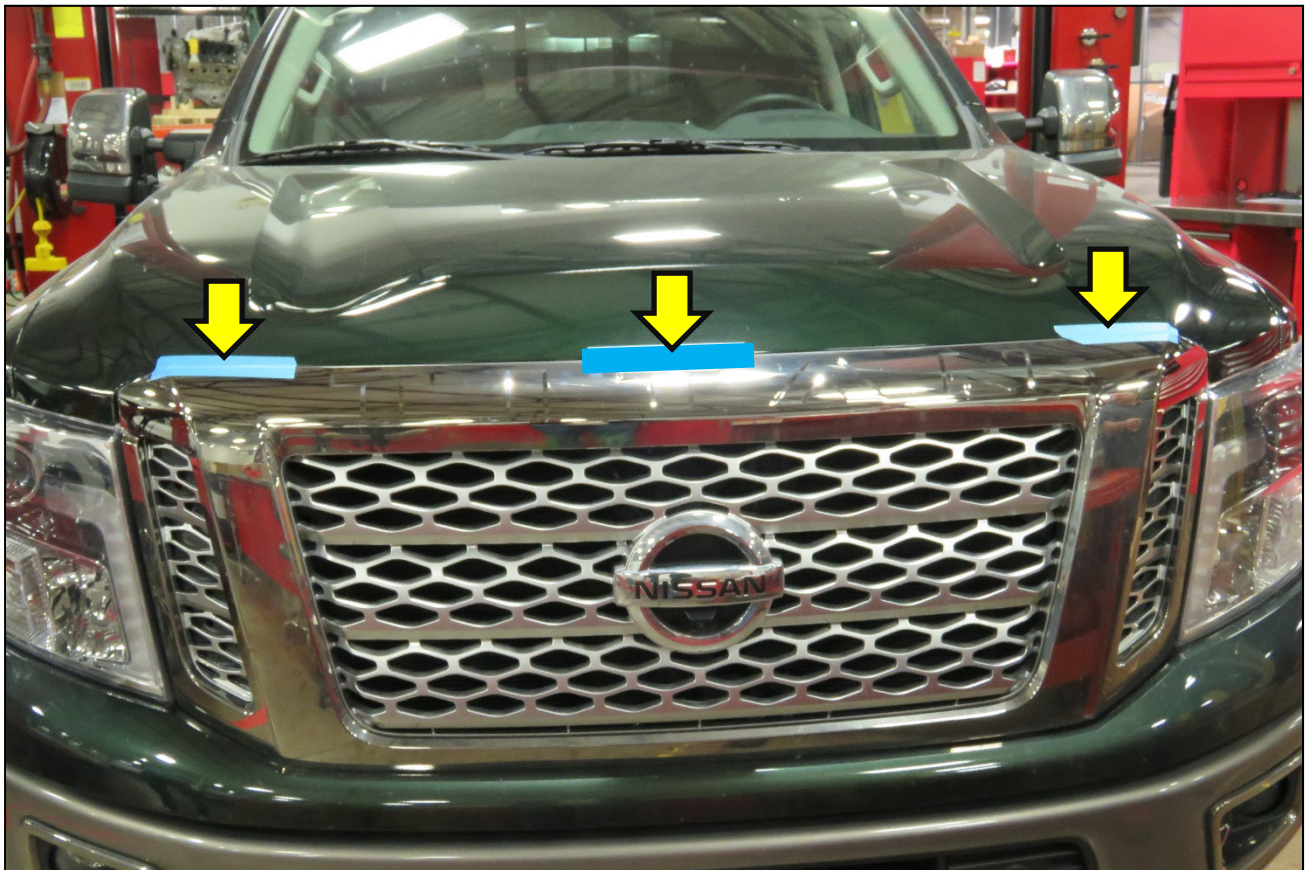


Figure 3



11. Perform the following grille-to-hood flushness measurements.

a. Place a straight edge near the center of the grille as shown in Figure 4.

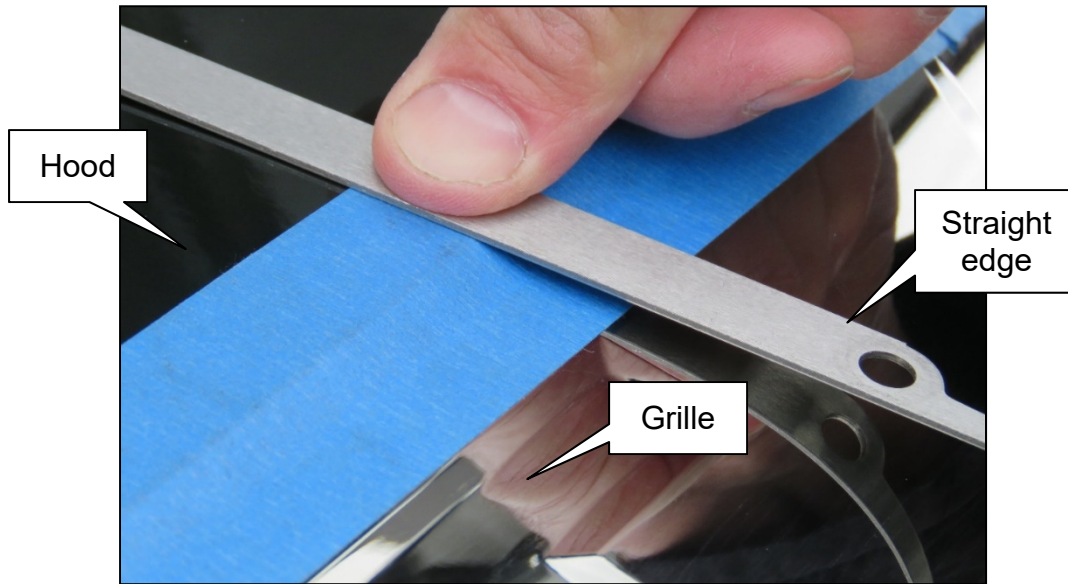


Figure 4

b. In Figure 4, the hood is over flush with the grille. In this situation, apply finger pressure on the straight edge near the front edge of the hood as shown. If the hood is under flush with the grille, apply finger pressure on the straight edge near the rear edge of the grille.

c. Using a tread depth gauge or similar, measure the distance between the straight edge and the hood or grille if one is not completely flush with the other. Ensure the measurement is taken against the grille or the hood, not in the grille-to-hood seal area. See Figure 5.



Figure 5

- d. Measure the thickness of the straight edge.
- e. Subtract the thickness measurement of the straight edge from the measurement taken in step 11c.
- f. Adjust the hood using the hood latch if the measurement at the center is more than 0.4 mm over flush or more than 3.2 mm under flush.
  - The center of the hood should be no more than 0.4 mm over flush and no more than 3.2 mm under flush, with a preferred target of flush (0.0 mm).
- g. Place a straight edge near the outer edges of the hood where tape was placed in Step 10. See Figure 6.

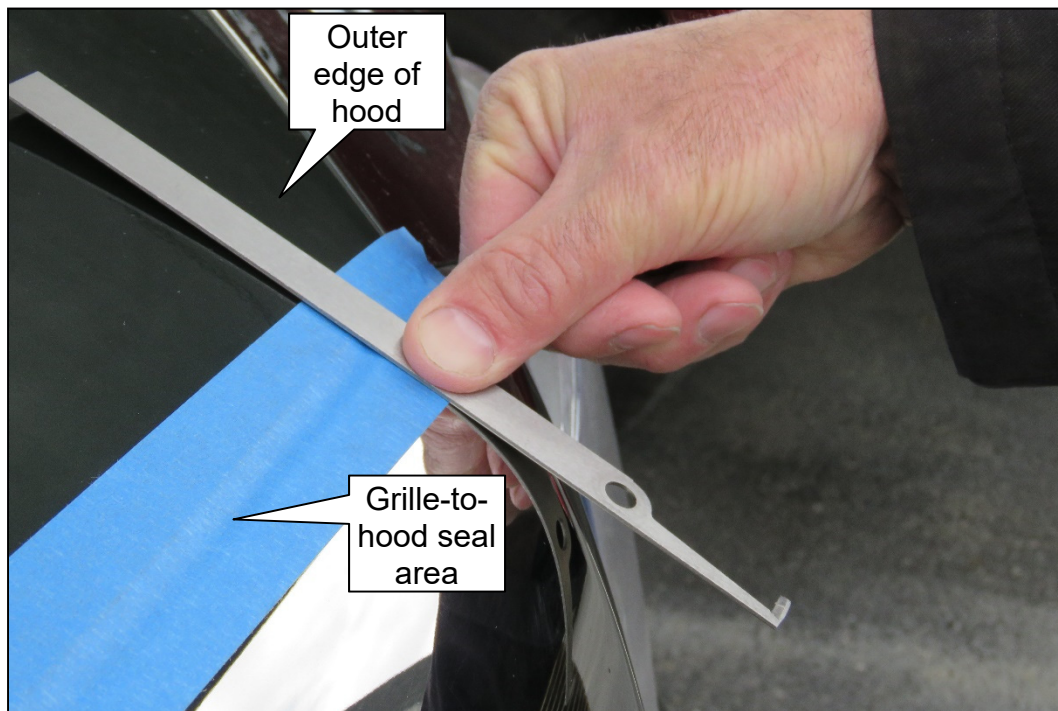


Figure 6

- h. In Figure 6, the grille is over flush with the hood. In this situation, apply finger pressure on the straight edge near the rear edge of the grille as shown. If the grille is under flush with the hood, apply finger pressure on the straight edge near the front edge of the hood.

- i. Using a tread depth gauge or similar, measure the distance between the straight edge and the hood or grille if one is not completely flush with the other. Ensure the measurement is taken against the grille or the hood, not in the grille-to-hood seal area. See Figure 7.

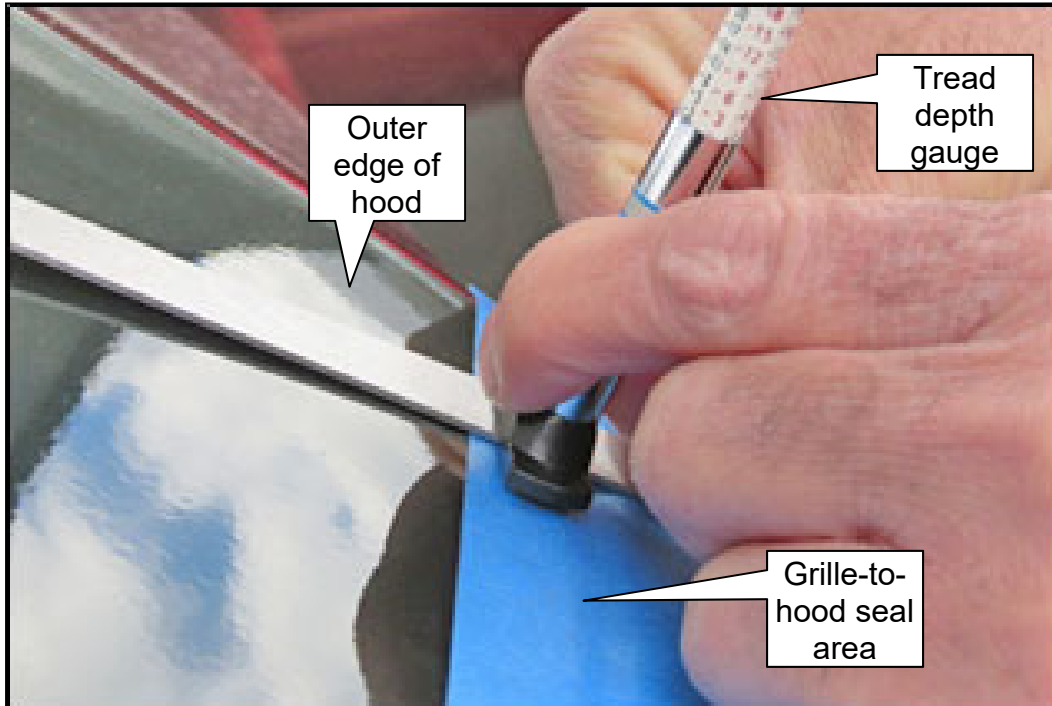


Figure 7

- j. Subtract the thickness measurement of the straight edge from the measurement taken in step 11i.
  - k. Adjust the hood using the hood bumper rubbers if the hood is more than 0.4 mm over flush or more than 3.2 mm under flush.
    - The outside edges of the hood should be no more than 0.4 mm over flush and no more than 3.2 mm under flush, with a preferred target of flush (0.0 mm).
12. Remove the tape applied in step 10.

**PARTS INFORMATION**

DESCRIPTION	PART NUMBER	QUANTITY
Upper Bulb Seal (Grille-To-Hood Seal)	65820-EZ75A	1

**CLAIMS INFORMATION**

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Hood Seal	(1)	BX6SAA	ZL	32	0.4
Replace Hood Seal w/AVM		BX6TAA			0.8

(1) Reference the Electronic Parts Catalog, and use the Hood Seal (65820-\*\*\*\*\*) as the Primary Failed Part (PFP).

**AMENDMENT HISTORY**

PUBLISHED DATE	REFERENCE	DESCRIPTION
April 16, 2019	NTB19-034	Original bulletin published

