



SERVICE BULLETIN

Classification: EL20-021	Reference: NTB20-058	Date: August 12, 2020
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2016-2019 TITAN/TITAN XD; REAR SONAR SENSORS DO NOT DETECT OBJECTS/OBSTRUCTIONS WHEN IN REVERSE

APPLIED VEHICLES: 2016-2019 Titan/Titan XD (A61)

IF YOU CONFIRM

The rear parking aid sensors are inoperative or operating incorrectly,

And

Damage has occurred to the rear sonar sensors or harness by road debris from the rear wheels.

ACTION

Install the rear sonar sensor protector kit, listed in the **PARTS INFORMATION** on page 7, to the rear bumper.

NOTE: This bulletin does not cover any damage that has occurred to the rear sonar sensors or harness. Refer to the Electronic Service Manual (ESM) for component repair.

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

The following steps will be performed on the inside corners of both the driver and passenger side of the rear bumper. The following figures are of the driver side.

1. Unclip the two (2) white harness clips circled in Figure 1 from the bumper lip.

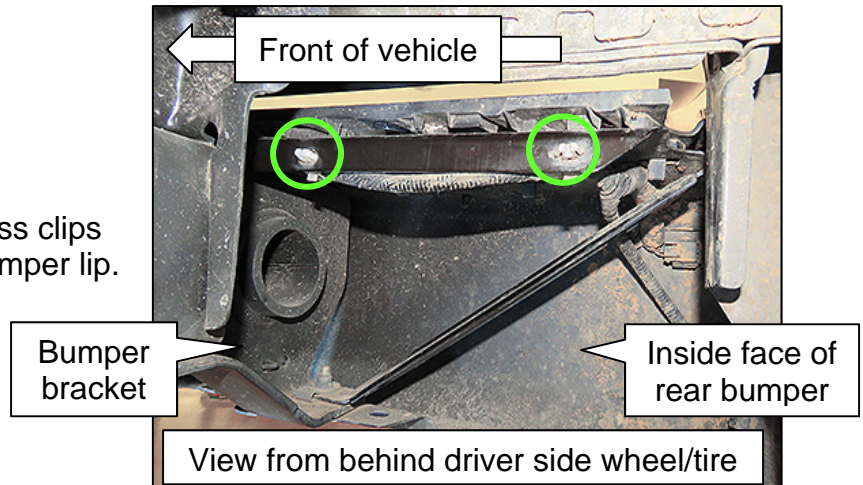


Figure 1

Figure 2 shown with the harness unclipped.



Figure 2

- Using the dimensions shown in Figure 3, measure and then make two (2) marks on the bumper lip as shown in Figure 4 and Figure 5.

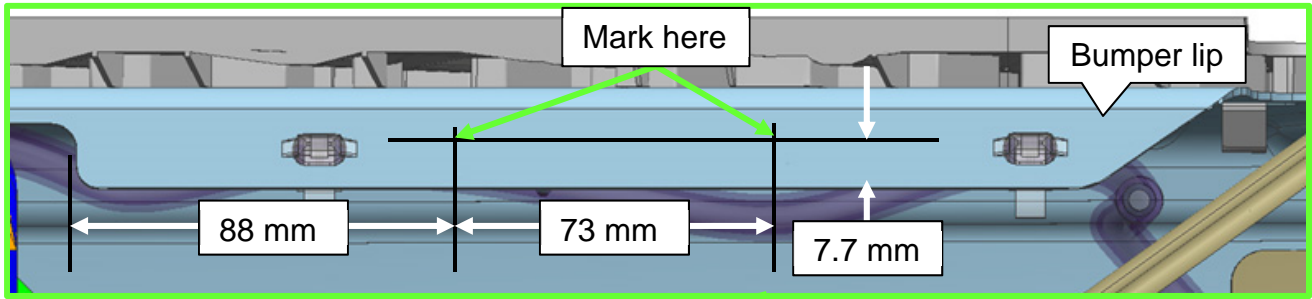


Figure 3

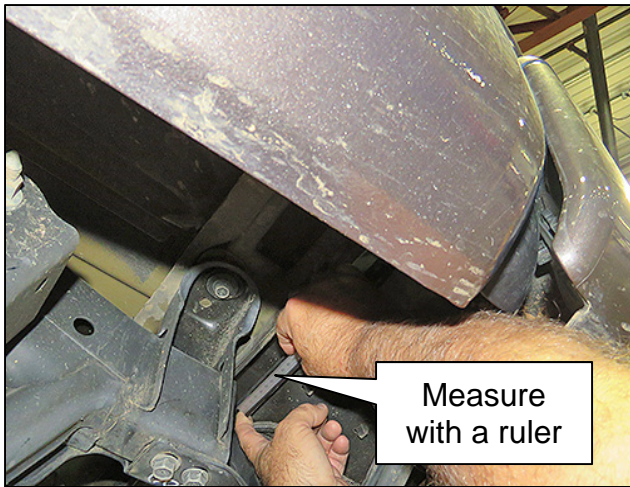


Figure 4

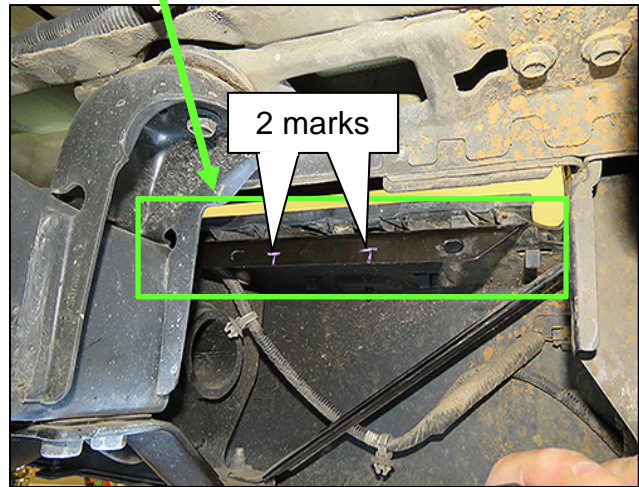


Figure 5

- Drill two (2) 8 mm (5/16") holes where marked in step 2, as shown in Figure 6.
- Apply a zinc rich primer to the drilled holes.

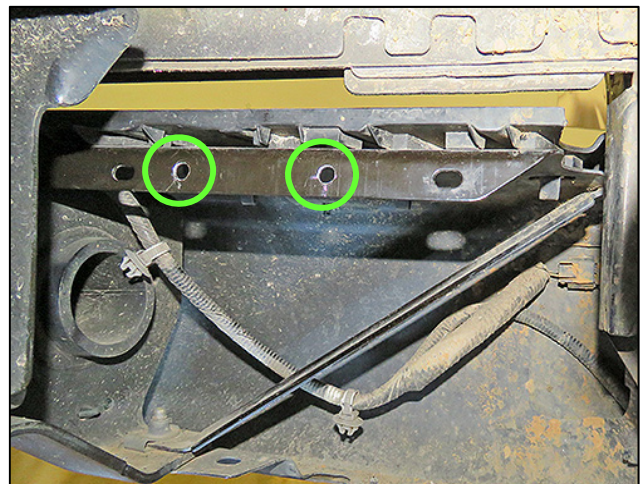


Figure 6

5. Install the sonar sensor protector to the back side of the bumper lip (Figure 7).
 - See the **PARTS INFORMATION** on page 7.

 6. Insert two (2) clips, first through the back side of the sonar sensor protector, and then the bumper lip, with inserted tip facing toward the front of the vehicle as shown in Figure 7.
- NOTICE** Clips must be installed so that the inserted portion faces toward the front of the vehicle, or harness damage may occur.

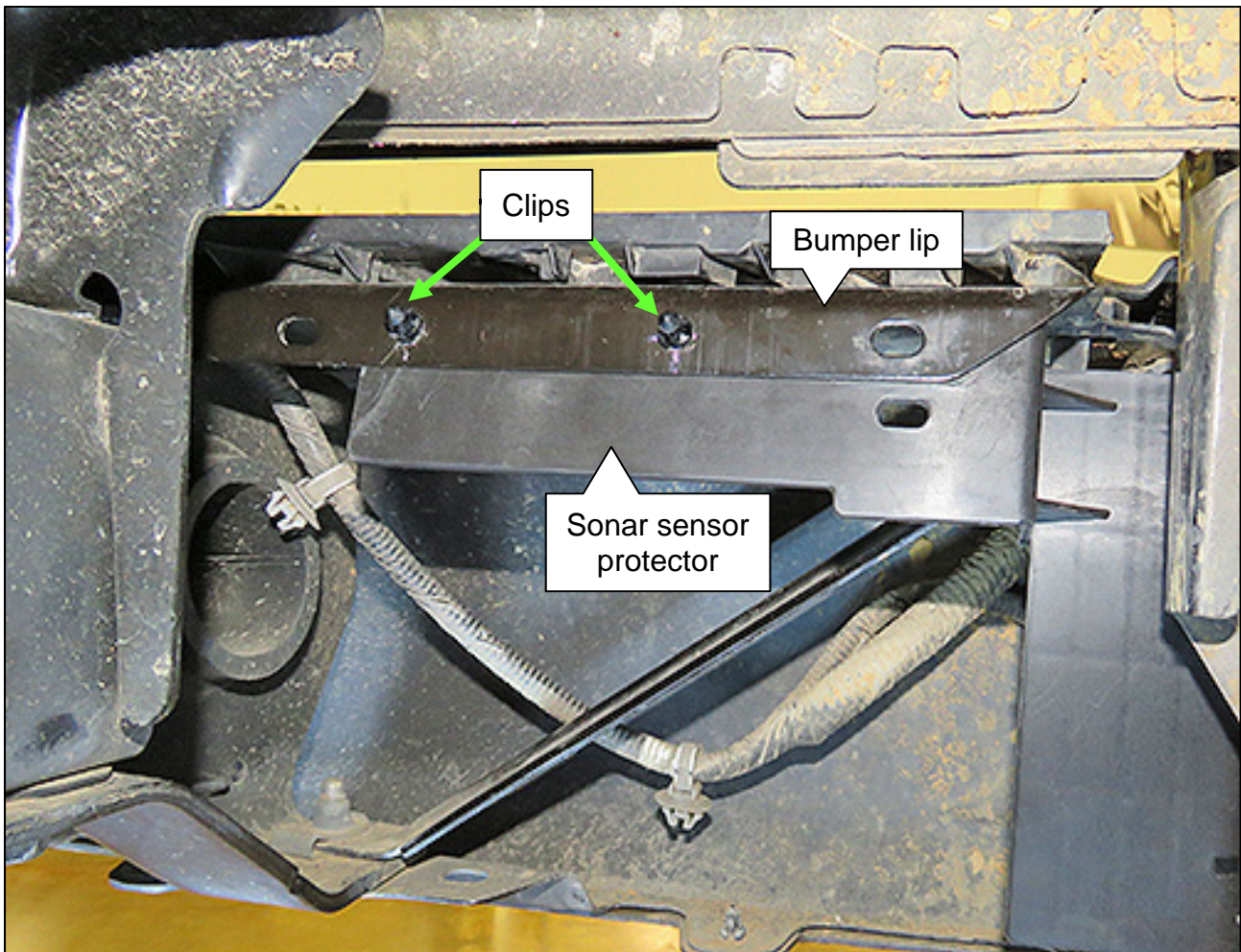


Figure 7

7. Drill an 8 mm (5/16") hole through the sonar sensor protector's hole into bumper bracket, where shown in Figure 8.

NOTICE When drilling a hole in the bumper bracket, take care not to contact the BSW (Blind Spot Warning) sensor as damage could occur.

NOTE: Some models may not have a bumper bracket to locate the 3rd hole of the sonar sensor protector. In these cases a 3rd clip is not required.

8. Apply a zinc rich primer to the drilled hole.

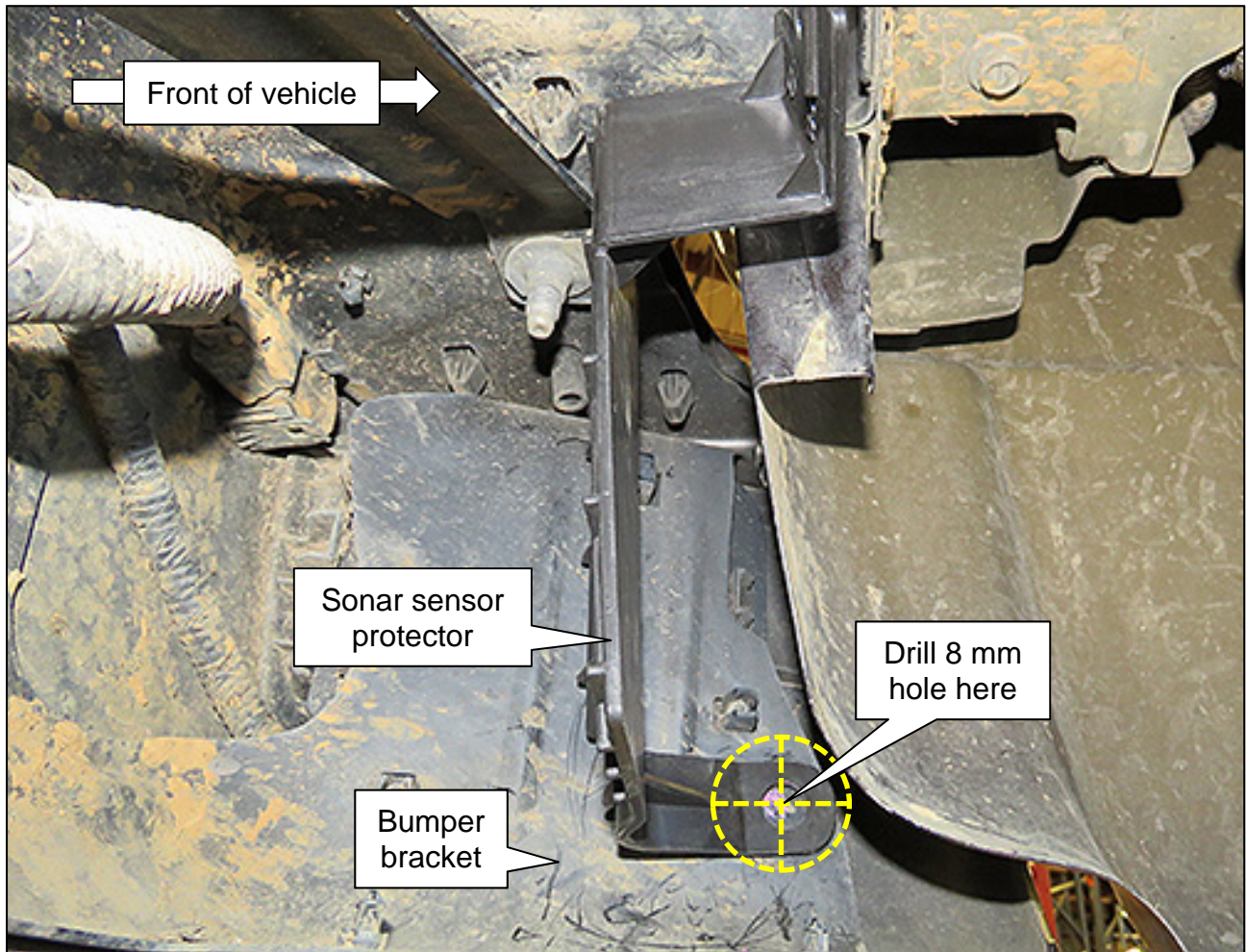


Figure 8

9. Insert a clip through the hole drilled in step 7.

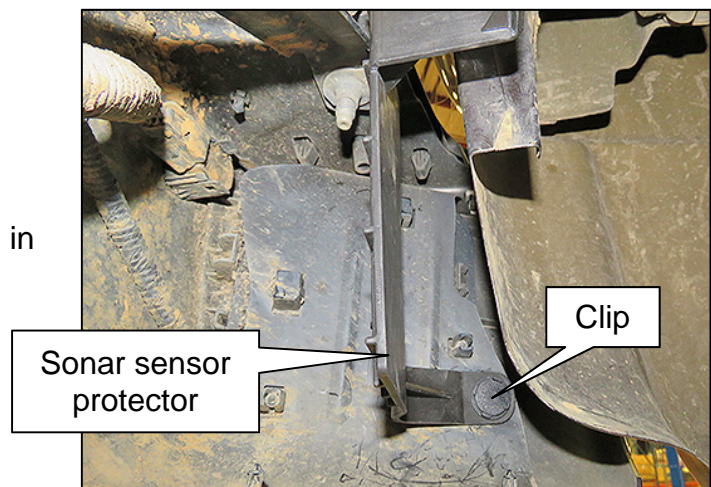


Figure 9

10. Reattach the white harness clips to the bumper lip.

NOTE: If the vehicle is equipped with a rear side step, use the provided hole, shown in Figure 10, to attach white harness clip.

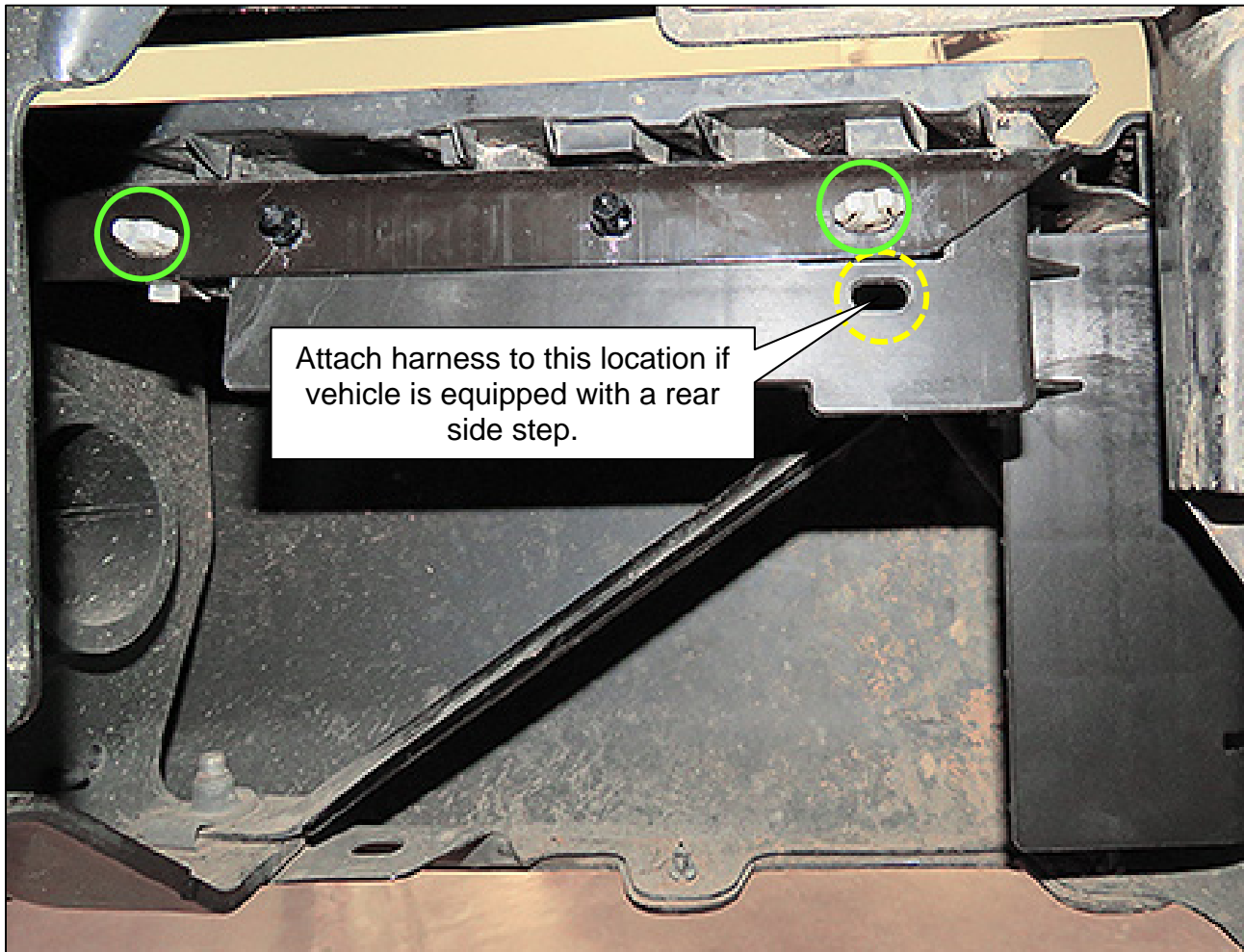


Figure 10

11. Perform steps 1-10 on the passenger side of the rear bumper.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Sonar Sensor Protector Kit	850D2-9FU0A	1
Zinc Rich Primer	(1) (2)	As needed

- (1) Available from local hardware store.
- (2) Shop supply.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install Sonar Sensor Protector Kit	(1)	BX7BAA	ZE	32	0.7

- (1) Reference the electronic parts catalog and use the Tail Harness (24015-*****) as the Primary Failed Part (PFP).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
August 12, 2020	NTB20-058	Original bulletin published

