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QUALITY ACTION

CAMPAIGN BULLETIN

Front Wheel Sensor Harness Inspection

Reference: PC721
Date: February 14, 2020

Attention: Dealer Principal, Sales, Service & Parts Managers

Affected Models/Years:	Affected Population:	Dealer Inventory:	SERVICE COMM Activation date:	Stop Sale In Effect
2019 Titan XD	NA	262	February 14, 2020	NO

***** Quality Action Summary *****

Nissan is conducting a quality action to inspect the right and left front wheel sensors and if necessary replace on specific MY2019 Titan XD vehicles identified in SERVICE COMM and National Service History – Open Campaigns. These vehicles are either currently in dealer inventory or assigned and in transit to the dealer.

Due to a supplier quality issue, that has since been corrected; the incorrect sensor may have been installed on the front wheel hub.

***** What Dealers Should Do *****

PLEASE FOLLOW THE ATTACHED INSPECTION INSTRUCTIONS:

- Verify if vehicles currently in **dealer inventory** are affected by using Service Comm or National Service History – Open Campaign I.D. **PC721**.
 - New vehicles in dealer inventory can also be identified using DBS (Sales-> Vehicle Inventory, and filter by Open Campaign).
 - Refer to NPSB 15-460 for additional information
 - Please continue to check newly arriving inventory for campaign applicability.**
- Use the attached procedure to inspect and, if necessary, remedy any vehicles affected by this quality action:
 - If the wheel sensor part numbers are **47910-EZ10A (GOOD)**. No further repair is required.
 - If **ONE or BOTH** of the wheel sensor part numbers are **47910-1PA0A (NG)** replace only the affected wheel sensor per the Electronic Service Manual (ESM).
- Once vehicles have been inspected and, if necessary, remedied dealers may submit the applicable warranty claim for the action performed and the vehicle can be released for sale.

***** Dealer Responsibility *****

It is the dealer’s responsibility to check Service Comm or DBS National Service History – Open Campaign using the appropriate campaign I.D for the campaign status on each affected vehicle currently in new vehicle inventory.



PC721 – 2019 TITAN XD FRONT WHEEL SENSOR HARNESS INSPECTION

SERVICE PROCEDURE:

1. Raise the vehicle on a suitable lift.



Figure 1

2. Remove both front wheel and tire assemblies (Figure 1).

- Remove (5) lug nuts from each wheel
- Remove both front wheel and tire assemblies.

3. Locate right front and left front wheel sensor harnesses (passenger side [RF] shown in Figure 2, driver side is similar).

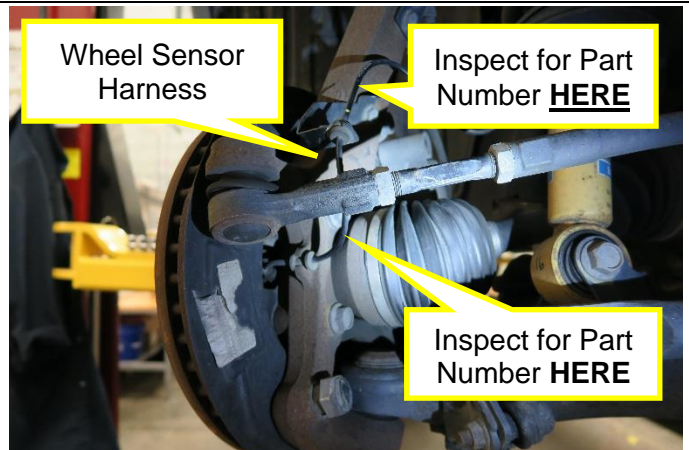
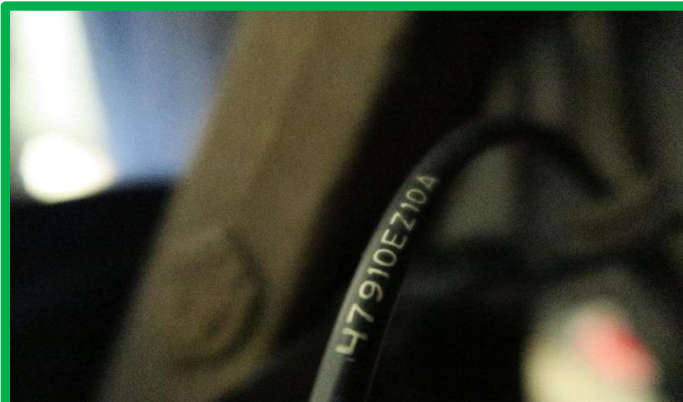


Figure 2

4. Inspect right and left front wheel sensor harness part numbers (Refer to Figures 2, 3, and 4).
- Check both locations on the harness as shown in Figure 2 for the part number
 - If the harness is dirty, clean with a water-dampened rag (do not use cleaning chemicals).

Hint: Turning the front knuckle assemblies will provide more clearance for the inspection.



PN: 47910-EZ10A (GOOD)

Figure 3



PN: 47910-1PA0A (REPLACE)

Figure 4

- a. If the wheel sensor part numbers are **47910-EZ10A (GOOD)**. No further repair is required. Proceed to Step 5. Submit claim using Op Code PC7210.
- b. If ONE or BOTH of the wheel sensor part numbers is **47910-1PA0A (REPLACE)** only the affected wheel sensor per the ESM: **BRAKES > BRAKE CONTROL SYSTEM > VDC/TCS/ABS > REMOVAL AND INSTALLTION > WHEEL SENSOR > FRONT WHEEL SENSOR > REMOVAL AND INSTALLATION**. Use the part number listed in the Parts Information section. Torque the wheel sensor retaining bolt to **8.25N·m (73 in-lb)**. Submit claim per Claims Information section. Continue to Step 5.

5. Reinstall both front wheel and tire assemblies.

- Torque wheel nuts to **177N·m (131 ft-lb)**


PARTS INFORMATION:		
Description	Part #	Quantity
SEN ASY ANTI SKID F	47910-EZ10A	Up to (2)

CLAIMS INFORMATION

Submit claim using the following claims coding:

Work Order Line Type: "CM" Campaign

Campaign: PC721

Claim Type:	CM			
PNC:	PC721			
Symptom:	ZZ			
Diagnosis:	99			
Description:	Op Codes	Flat Rate Time	Parts Required on claim	Expense Code Required
Inspect both front wheel sensors (Good Condition)	PC7210	0.3 Hr	NO	NO
Inspect both front wheel sensors and replace <u>ONE</u> front wheel sensor.	PC7211	0.5 Hr	YES	NO
Inspect both front wheel sensors and replace <u>BOTH</u> front wheel sensors.	PC7212	0.7 Hr	YES	NO