

**NISSAN GROUP
OF NORTH AMERICA**



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

June 26, 2019

Mr. Jeff Giuseppe
Acting Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
Room W48-302
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Dear Mr. Giuseppe:

We are transmitting the enclosed Defect Information Report in accordance with 49 CFR Part 573. This report relates to alternator harnesses installed in certain Model Year 2017-2019 Nissan Titan vehicles listed in section 2 below. A voluntary recall campaign will be initiated and your office provided with the notices. Nissan plans to notify dealers on June 27, 2019 and begin notifying owners via first class mail within 60 days.

Very truly,

A handwritten signature in black ink, appearing to read "D. Latta".

Derek Latta
Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc., Canton Plant

2. Vehicles Potentially Involved:

Certain Model Year 2017-2019 Nissan Titan vehicles equipped with gasoline engines manufactured from April 14, 2016 (Start of Production) to October 8, 2018 at the Canton, Mississippi plant.

No other Nissan (or Infiniti) vehicles are affected by this issue because this report applies only to certain vehicles equipped during a defined time period. Vehicles manufactured outside the above production ranges are unaffected, based on manufacturing production records.

The name, description and part number of the recalled component is below:

<u>Part Name</u>	<u>Part Description</u>	<u>Part Number(s)</u>
HARNESS ASSY ENGINE	Alternator Harness	24077-EZ00B

3. Total Number of Vehicles Potentially Involved:

Approximately 91,319 Model Year Nissan Titan vehicles are subject to this recall.

This total includes approximately 12,735 Nissan Titan vehicles subject to a dealer quality action initiated in December 2018.

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

0.016%¹

During the period from December 13, 2018 through June 26, 2019, Nissan conducted a dealer quality action in the U.S. market to inspect Nissan Titan vehicles for the subject condition. Nissan found only two (2) confirmed cases out of 12,735 vehicles inspected.

¹ The estimated percentage of vehicles involved with defect is 0.016%. However, 1% is used on NHTSA's safety portal because it will not allow decimal values.

5. Description of the Defect:

On certain Model Year 2017-2019 Nissan Titan vehicles, the alternator harness may have been damaged during the engine installation process. When the engine is lowered into place, the harness may contact the square edge of a metal frame bracket, causing the harness to pull away from its normal routing. If this occurs, the harness may become trapped against the bracket and the contact may breach its shield. Sustained contact may damages the wires and cause an electrical short to occur.

An electrical short may cause the vehicle to experience abnormal electrical activity (i.e. interior lights flickering, intermittent radio). This condition may prevent the battery from charging, and over time, lead the battery to discharge. At low battery voltage, the vehicle's electrical components may flicker and turn off. The vehicle will operate at reduced power and if the condition worsens, an engine stall may occur while driving. In rare cases, the short may result in an engine compartment thermal incident.

6. Chronology of Principal Events:

Nissan will provide a chronology when it is available.

7. Description of Corrective Action:

Owners of the subject vehicles will be notified beginning on July 23, 2019. Dealers will be notified on June 27, 2019. The dealer will inspect the alternator harness for proper routing and any damage. The harness will be clipped into the correct position or replaced as necessary.

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for the subject vehicles that are no longer under warranty. The statement will be excluded for the subject vehicles that are still under warranty. Your office will be provided with a copy of the Part 577 owner notification for approval.

8. Copy of Notices:

Copies of all notices will be provided to NHTSA as they become available.