



March 25, 2019

Mr. Gregory K. Rea
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 Sir:

We are transmitting the enclosed Defect Information Report in accordance with 49 CFR Part 573. A voluntary recall campaign will be initiated and your office provided with the notices. Nissan plans to notify dealers on March 28, 2019 and will notify all affected owners within sixty (60) days of DIR submission.

Very truly,

A handwritten signature in black ink, appearing to read "Derek Latta". The signature is stylized with a large initial "D" and a long horizontal stroke extending to the right.

Derek Latta
Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc., Smyrna Plant
Nissan North America, Inc., Canton Plant

2. Vehicles Potentially Involved:

Certain Model Year 2019 Nissan Altima vehicles manufactured from January 29, 2019 to February 15, 2019 at the Smyrna, TN plant.

Certain Model Year 2019 Nissan Altima vehicles manufactured from January 24, 2019 to February 18, 2019 at the Canton, MS plant.

This report applies only to certain vehicles equipped with parts manufactured by the Tier 1 supplier during a defined time period and by specific LOT numbers. Vehicles manufactured outside the above production ranges are unaffected, based on supplier production records.

The supplier of the brake pedal assembly is:

Yorozu Automotive Tennessee
395 Mt View Industrial Drive
Morrison, TN 37357
Dennis Montgomery, Quality Manager
(931) 668-1146
dennis.montgomery@yrzna.com

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>
PEDAL ASSY-BRAKE	Brake Pedal Assembly	46501-6CA0A

3. Total Number of Vehicles Potentially Involved:

Approximately 5,744 Model Year 2019 Nissan Altima vehicles are subject to this recall.

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

1%¹

To date, Nissan is not aware of any confirmed field incidents in the U.S. market attributable to the subject condition.

5. Description of the Defect:

¹ The estimated percentage of vehicles involved with defect is unknown, 1% is used here because submission within NHTSA's safety portal will not allow a non-numeric value.

On some of the potentially affected vehicles, the brake switch bracket may not have been in the correct position during a welding operation at the Tier 1 (Yorozu) supplier. If this occurred, an out-of-specification weld could cause the brake switch to be in the incorrect location, preventing the brake switch pin from making appropriate contact with the brake switch plate. As a result, this would cause the brake switch to remain in the ON position.

If the brake switch remains in the ON position, this would cause the stop lamps to remain illuminated when the service brakes are not being applied and could also negate the brake-shift interlock. This could increase the risk of a crash, or risk of a rollaway without warning, if the vehicle is inadvertently shifted out of the Park position.

6. Chronology of Principal Events:

February 15, 2019 – During a routine vehicle inspection, an issue was discovered with the brake pedal assembly on a Model Year 2019 Altima at the Smyrna, TN plant. Nissan immediately initiated a yard hold and began an investigation, together with Yorozu, to determine the root cause and scope of the issue.

February 2019 to March 2019 – The investigation of the subject brake pedal assembly revealed that the brake light switch was not making proper contact with the brake switch contact plate. A review of the supplier maintenance logs revealed that the brake switch bracket was not in the correct position during a welding operation due to improper welding robot maintenance. This out-of-specification weld caused the brake switch to be out of position, preventing the brake switch pin from making appropriate contact with the brake switch plate.

In addition to the yard hold, Nissan conducted a yard audit at both the Smyrna and Canton plants. According to the supplier's production records, 3,851 suspect brake pedal assemblies were shipped to both plants. During the yard audits conducted by Nissan, 3,176 subject parts were discovered at the plants.

March 18, 2019 - Based on the foregoing, Nissan decided to conduct a safety recall campaign to remedy the vehicles outside of Nissan's control that may contain the remaining subject brake pedal assemblies outlined above.

7. Description of Corrective Action:

Nissan will notify all owners of potentially affected vehicles within sixty (60) days to take their vehicle to a Nissan dealer where the dealer will inspect the LOT number on their brake pedal assembly. If the brake pedal assembly is determined to be affected, it will be replaced with a new one.

We will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as the subject vehicles are under warranty.

8. Copy of Notices:

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