

Part 573 Safety Recall Report

19V-235

Manufacturer Name : Nissan North America, Inc.

Submission Date : MAR 25, 2019

NHTSA Recall No. : 19V-235

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Nissan North America, Inc.

Address : P. O. BOX 685001

Franklin TN 37068-5009

Company phone : 800-647-7261

Population :

Number of potentially involved : 5,744

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Nissan Altima

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 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.

Production Dates : JAN 24, 2019 - FEB 18, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : 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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : 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.

Description of the Cause : NR

Identification of Any Warning that can Occur : There is no warning that will proceed the issue.

Supplier Identification :

Component Manufacturer

Name : Yorozu Automotive Tennessee
Address : 395 Mt View Industrial Drive
Morrison TENNESSEE 37357
Country : United States

Chronology :

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.

Description of Remedy :

Description of Remedy Program : 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.

How Remedy Component Differs from Recalled Component : The name, description and part number of the recalled component is below:

Part Name: PEDAL ASSY-BRAKE
Part Description: Brake Pedal Assembly
Part Number(s): 46501 6CA0A

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Nissan plans to notify dealers on March 28, 2019 and will notify all affected owners within sixty (60) days of DIR submission.

Planned Dealer Notification Date : MAR 28, 2019 - NR

Planned Owner Notification Date : APR 29, 2019 - MAY 13, 2019

* NR - Not Reported