

Part 573 Safety Recall Report

18V-916

Manufacturer Name : Nissan North America, Inc.

Submission Date : DEC 19, 2018

NHTSA Recall No. : 18V-916

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 : 86,265

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2009-2009 Nissan Murano

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population represents the entire range of model year 2009 Murano vehicles.

The percentage of vehicles estimated to actually contain the defect is approximately 0.4%. A value of 1% is entered below because the text field does not allow decimal percentages.

An existing Nissan Service Campaign was launched for MY2009 vehicles built prior to 11/1/2007. After consultation with ODI as part of EA18-001, it was decided to expand this population to the full range of MY2009 Murano vehicles. Later Murano vehicles exhibit significantly lower rates of malfunction.

The total number of affected vehicles is 86,265 vehicles, which represents the total population minus those already remedied as part of the original service campaign.

Production Dates : JUL 09, 2007 - AUG 29, 2009

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The preventative zinc coating used on the normally closed (NC) valve armatures within ABS Hydraulic Control Units (HCU) may react with brake fluids containing specific corrosion preventative additives. This reaction can cause the formation of a gelatinous material, which may cause the NC valves to close slowly. Over time, the gel can solidify to an extent such that the spring used to return the valve to the closed position may not be able to overcome the gel buildup, allowing the NC valve to remain open.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If one of the four NC valves remains open, fluid may enter into an accumulator. This additional fluid may have the net effect of causing brake pedal travel to increase a small amount, however enough stroke remains in the pedal to generate sufficient braking force. Although the hydraulic braking system remains intact and full braking force is maintained once the pedal travels the additional distance, if the condition occurs, the initial increase in brake pedal travel could result in increased stopping distance.

Description of the Cause :

Identification of Any Warning that can Occur : Following an ABS braking event, affected vehicles will exhibit brake pedal stroke that is longer than what existed prior to the valve sticking.

Supplier Identification :**Component Manufacturer**

Name : Continental Automotive Corporation

Address : New Stage Yokohama Bldg. 11F, 1-1-32,
Shin-Urashimacho, Kanagawa-ku Yokohama FOREIGN STATES 221-0031

Country : Japan

Chronology :

See attached Part 573 report for chronology.

Description of Remedy :

Description of Remedy Program : Nissan will notify all potentially affected owners beginning February 4, 2019. For owners of vehicles previously subject to a Service Campaign that have not yet remedied their vehicles, Nissan will also issue a Part 577 letter to re-notify them. Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy.

The remedy remains unchanged from the service campaign. Dealers will flush the brake system with DOT 4 fluid. The HCU will then be tested to detect a possible stuck valve condition. If necessary, HCU will be replaced.

How Remedy Component Differs from Recalled Component : The name, description and part number of the recalled component is below. Part Name: ACTR & ECU ASSY Part Description: ABS Actuator and HCU Part Numbers: 47660-1AA0B, 47660-1AA0C, 47660-1AD0B, 47660-1GROB

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

Recall Schedule :

Description of Recall Schedule : Nissan will notify all potentially affected owners beginning February 4, 2019. For owners of vehicles previously subject to a Service Campaign that have not yet remedied their vehicles, Nissan will also issue a Part 577 letter to re-notify them. Dealers will be notified on or before December 20, 2018

Planned Dealer Notification Date : DEC 20, 2018 - NR

Planned Owner Notification Date : FEB 04, 2019 - NR

* NR - Not Reported