

NISSAN GROUP
OF NORTH AMERICA



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

December 14, 2016

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 reports relates to incorrect Occupant Classification System (OCS) Electronic Control Units (ECU) in certain Nissan 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 December 20, 2016 and begin notifying owners via first class mail within 60 days.

Very truly,

A handwritten signature in black ink, appearing to read 'Derek Latta', with a long horizontal flourish extending to the right.

Derek Latta
Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc. (Smyrna, Canton Plant)
Renault Samsung Motors Co., Ltd (Busan Plant)

2. Vehicles Potentially Involved:

<u>Model</u>	<u>Dates of Manufacture</u>
MY 2013-2015 Nissan Altima	January 3, 2013 through July 29, 2015
MY 2016 Nissan Maxima	June 4, 2015 through August 19, 2015
MY 2015-2016 Nissan Rogue	October 14, 2014 through August 12, 2016

The (Tier 1) seat suppliers are:

Tachi-S
380 Aldi Blvd
Mt Juliet, TN 37122 USA
Contact: Neil Clarke, President
Tel: (615) 390-8713

Faurecia
2800 High Meadow Circle
Auburn Hills, MI 48326 USA
Contact: Victor Garcia, Customer Quality Director
Tel: (248)9534424

Johnson Control Dong Sung (JCDS)
29, 167 eon-gil, Noksan industry jungro,
Gangseo-gu, Busan, 618-817, Korea
Contact: HH Lee, Chief of Quality Assurance Team
Tel: 82-51-970-3590

Country of Origin: Korea

No other Nissan (or Infiniti) vehicles are affected by this issue because the labeling error (described in Section 5 below) occurred during the specified manufacturing period above on these specific models. Tier 1 seat kit/ECU traceability records limited the affected population to specific suspect VINs.

3. Total Number of Vehicles Potentially Involved:

757 Nissan vehicles are subject to this recall.

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

100 %

5. Description of the Defect:

The Tier 2 supplier, Calsonic Kansei, incorrectly labeled boxes containing OCS ECUs during the packaging process. Tier 1 suppliers then used the box label to install the OCS ECUs into the seat of affected vehicles, resulting in the incorrect pairing of ECU-to-seat. With this configuration, the OCS may not perform as designed due to software incompatibility and may not classify a seated front passenger seat occupant correctly. This may cause the passenger airbag not to deploy as designed in a crash, increasing the risk of injury.

6. Chronology of Principal Events:

August 2016 – Nissan received a report from a dealer that experienced an error during the reprogramming of an OCS ECU while performing a campaign re-flash repair. Nissan initiated an investigation into the incident.

September 2016 through October 2016 – After obtaining the suspect ECU from its dealer, Nissan shipped the suspect ECU to the Tier 2 supplier for analysis. The analysis revealed that an incorrect ECU had been installed onto the seat assembly. Nissan and the supplier worked together to identify the root cause and scope of the issue.

During the investigation, Nissan also worked with its Tier 1 suppliers to identify how the incorrect ECU was installed. The investigation revealed that a material handling error at the Tier 2 supplier resulted in an improperly labeled box during part transfer. Both the Tier 1 and Tier 2 suppliers implemented additional traceability countermeasures to prevent the issue from reoccurring.

November 2016 through December 2016 - Although it was hypothesized that this issue was an isolated box labeling error, Nissan implemented an ECU-to-VIN matching activity and reviewed over 3.5 million production records to identify the potentially affected vehicles.

December 7, 2016 – Nissan decided to conduct a voluntary safety recall campaign to remedy the subject vehicles.

7. Description of Corrective Action:

Nissan will notify all owners of potentially affected vehicles within sixty (60) days. Dealers will replace affected units with the correct service part number and reprogram with the latest OCS software.

Nissan 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.