

**NISSAN GROUP
OF NORTH AMERICA**



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

September 6, 2018

Mr. Jeff Giuseppe
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. A voluntary recall campaign will be initiated and your office provided with the notices.

Very truly,

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

Derek Latta
Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Vehicle Manufacturer:

Nissan North America, Inc. COMPAS, Mexico plant

Manufacturer of the subject equipment:

Autoliv Querétaro Plant
Circuito El Marques Norte #25
CP 76246, Querétaro, Mexico

Pedro López
Quality Manager
Cell Phone: +52 1 442 2593821
Email: pedro.lopez@autoliv.com

2. Units Potentially Involved:

Autoliv part numbers:

<u>Model</u>	<u>Part Name</u>	<u>Part Number</u>
MY 2019 INFINITI QX50	Black Module	985R1 5NA8A
	Beige Module	985R1 5NR8A
	White Module	985R1-5NS8A

Production period of affected vehicles involved:

<u>Model</u>	<u>Dates of Manufacture</u>
MY 2019 INFINITI QX50	July 4, 2018 to August 24, 2018

No other INFINITI (or Nissan) vehicles are affected by this issue because the affected passenger-side knee air bag module (described in Section 5 below) is unique to this model and dates of manufacture.

3. Total Number of Units Potentially Involved:

Approximately 1,671 INFINITI QX50 vehicles are potentially affected.

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

1%¹

5. Description of the Defect:

In very cold temperatures, the trim cover may separate from the passenger-side knee air bag module during deployment, instead of splitting at the trim cover tear seam as designed, potentially increasing the risk of injury to passenger occupants.

6. Chronology of Principal Events:

August 2, 2018 – While conducting a low temperature (-30° Celsius) lot acceptance test at the Tier 1 supplier, the passenger-side knee air bag cover detached from the air bag module during deployment. The supplier (Autoliv) immediately launched an investigation to determine scope and root cause.

August 16, 2018 – Both the plant and supplier quarantined all passenger-side knee air bag modules and began conducting audits to identify the affected population.

August 20, 2018 – The investigation found that certain passenger-side knee air bag modules had been manufactured with an out-of-specification tear seam thickness from the Tier 2 supplier, due to a 4M process change. In addition, the knee air bag cushion was incorrectly folded due to a fixture process change at the Tier 1 supplier. Thereafter, both issues were countermeasured at each supplier to prevent the issue from recurring.

August 24, 2018 – Nissan worked with the supplier to identify the range of potentially affected passenger-side knee air bag modules and trace that population to identify the affected subject vehicles. .

August 29, 2018 – Upon identification of vehicles outside of Nissan's control, Nissan decided to conduct a voluntary recall campaign to replace the passenger-side knee air bag module in affected vehicles.

7. Description of Corrective Action:

Nissan will notify all owners of potentially affected vehicles by first-class mail within sixty (60) days. Dealers will be notified on September 7, 2018. The dealer will replace the passenger-side knee air bag module, including the module trim cover, with a new one.

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.

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.

8. Copy of Notices:

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