



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

**Investigation:** RQ 15-001  
**Date Opened:** 03/18/2015  
**Investigator:** Michael Lee **Reviewer:** Scott Yon  
**Approver:** Frank Borris  
**Subject:** Occupant Classification System Failure

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Nissan North America, Inc.  
**Products:** 2013-2014 Various Nissan & Infiniti Models (see list below)  
**Population:** 990,000 (Estimated)  
**Problem Description:** The Occupant Classification System may not properly classify adult front passenger occupants and deactivate the passenger's frontal air bag.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	124	TBD	TBD
<b>Crashes/Fires:</b>	0	TBD	TBD
<b>Injury Incidents:</b>	0	TBD	TBD
<b>Number of Injuries:</b>	0	TBD	TBD
<b>Fatality Incidents:</b>	0	TBD	TBD
<b>Number of Fatalities:</b>	0	TBD	TBD

## ACTION / SUMMARY INFORMATION

**Action:** Open a Recall Query.

### Summary:

In April 2014, Nissan North America launched safety recall 14V-138 to address problems with the Occupant Classification System (OCS) algorithm in the following vehicles: model year (MY) 2013-2014 Nissan Altima, Pathfinder, Sentra and LEAF; MY 2013 Infiniti JX35; MY 2014 Infiniti QX60 and Q50; and MY 2013 Nissan NV 200/ Taxi vehicles. According to Nissan, the OCS may not properly classify adult front passenger occupants and deactivate, or turn off, the passenger's frontal air bag for an adult occupant.

Since the recall was launched, Office of Defects Investigation (ODI) has received 124 complaints alleging problems with the OCS after the recall repairs and/or other OCS related repairs were made by Nissan/Infiniti dealers. The majority of the complaints allege the passenger air bag status light stays on (i.e., indicating passenger air bag is turned off) for adult front passengers. Some of the complaints state the dealers have made multiple repairs but the problem still persists.

A Recall Query has been opened to investigate the effectiveness of the recall remedy (a software update) and whether any other OCS related problems exist in the recalled population.

The ODI reports cited above can be reviewed online at <http://www-odi.nhtsa.dot.gov/owners/SearchNHTSAID> under the following identification numbers:

10583283 10585264 10585349 10585379 10592434 10593399 10593501 10594329 10594614 10594755 10595161  
 10595645 10595946 10596128 10596459 10596952 10597037 10597452 10597518 10597719 10598537 10598869  
 10604755 10604834 10605188 10605251 10606565 10606828 10607038 10609649 10610519 10610991 10614467  
 10614609 10614745 10616905 10617008 10617507 10617903 10618099 10618202 10619059 10619563 10620719  
 10621840 10622214 10625808 10625981 10625998 10626006 10626023 10626335 10626458 10626732 10628355

10629382 10629460 10629606 10630441 10630502 10630990 10632251 10632588 10632934 10632997 10633714  
10633810 10637994 10638591 10639040 10639147 10639324 10639473 10643046 10643843 10644203 10644333  
10644341 10644690 10644891 10644985 10648834 10648997 10649414 10649772 10649874 10651360 10651564  
10651924 10651982 10652024 10658665 10658844 10659484 10660294 10661195 10661358 10661541 10661795  
10661855 10662901 10663033 10663338 10663860 10663978 10668054 10668768 10670538 10672807 10673088  
10676471 10678478 10678997 10679512 10680748 10680769 10680975 10681656 10682235 10682902 10682993  
10683391 10683689 10689672