



Tara Underwood
Senior Manager,
Technical Compliance

Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

Office: 615-725-3142

June 16, 2016

Mr. D. Scott Yon
Vehicle Integrity Division
Office of Defects Investigation
National Highway Traffic Safety Administration
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

RE: NHTSA General Order Regarding EA 14-002 Kia Sorento Sunroofs

Dear Mr. Yon:

On behalf of Nissan North America, Inc. ("Nissan"), I am writing to respond to the NHTSA's General Order ("General Order") dated April 14, 2016 related to EA 14-002. Nissan's responses to the General Order are set forth below.

In responding to this General Order, information has been obtained from those places within Nissan likely to contain such information in the regular and ordinary course of business. When a particular request seeks "documents" as defined in the General Order, reasonable, good faith searches have also been made of corporate records in those places likely to maintain them in the regular and ordinary course of business. The information submitted in response to this General Order includes documents obtained by Nissan on or before April 25, 2016.

Nissan believes NHTSA's policy is to protect the privacy of individuals under exemption 6 of the Freedom of Information Act, 5 U.S.C. Section 552(b)(6). We understand that name, address, and other personal information of owners or other individuals, including Nissan personnel, contained in any of the attachments in this response will not be made available to the public. Therefore, Nissan is not requesting confidential treatment for this information pursuant to 49 CFR, Part 512, but we believe any private information concerning individuals should not be made public.

1. Describe the history of panoramic sunroofs in the vehicles you manufacture. Your response should include, but not be limited to, the reason(s) you decided to add panoramic sunroofs as an option, the model(s) and model year for which you first offered this option, and the timeline of the development and decision-making that led to the introduction of panoramic sunroofs.

a) Reason for adding panoramic sunroofs:

Nissan's decision to equip certain vehicles with panoramic sunroofs was based on multiple factors. One of the reasons was to improve Nissan's customer's experience in its vehicles. Nissan found certain customers preferred panoramic sunroofs identifying factors such as improved "roominess." Therefore, in order to improve Nissan's competitive position in the marketplace, Nissan began offering panoramic

sunroofs in certain Nissan vehicles.

b) Model year of introduction:

Panoramic sunroofs were first added to the 2004MY Quest (model code V42).

c) Timeline of the development decision:

The development timeline is no longer available due to the Nissan records retention policy.

2. Identify and enumerate the total population of vehicles you manufactured that contain a panoramic sunroof as original equipment. Your response should be broken down by make, model, and model year.

No	Make	Model	Model Year											Roof Glass Configuration
			MY06	MY07	MY08	MY09	MY10	MY11	MY12	MY13	MY14	MY15	MY16	
1	Nissan	Quest	3,247	6,986	2,714	596								Single Panel Moon Roof + Fixed Glass Panel (x2)
2	Nissan	Murano				70,069	28,187	41,863	45,102	21,060	32,894			3-Panel Moon Roof
3	Nissan	Maxima				15,492	21,656	21,208	18,730	10,171	18,211			3-Panel Moon Roof
3	Nissan	Quest						3,128	4,696	2,658	1,059	1,275	130	Single Panel Moon Roof + Fixed Glass Panel
5	Nissan	Pathfinder								22,331	30,803	28,897	8,983	Single Panel Moon Roof + Fixed Glass Panel
6	Infiniti	QX60/JX								13,867	9,948	10,274	2,315	Single Panel Moon Roof + Fixed Glass Panel
7	Nissan	NV200 NYC Taxi									1,181	633	230	Fixed Glass Panel
8	Nissan	Rogue									25,939	44,064	45,824	2-Panel Moon Roof
9	Nissan	Murano										48,369	12,355	2-Panel Moon Roof
10	Nissan	Maxima											18,170	3-Panel Moon Roof

See also tab "Q2" in Attachment A

3. For each panoramic sunroof identified in your response to Request No. 2, provide the following information: (i) the name and contact information for the sunroof manufacturer; (ii) the number of glass panels; (iii) the size of the glass panel(s) (length x width in centimeters); (iv) the thickness of the glass panel(s) (millimeters); and (v) the standard to which the sunroof was manufactured. Your response should include an explanation of any changes made between model years.

See tab "Q3" in Attachment A.

4. Identify, by make, model, and model year, the number of incidents involving an allegation that a panoramic sunroof has spontaneously shattered, and state the number of injuries or fatalities associated with such incidents.

No	Make	Model	Model Year											Injury Summary
			MY06	MY07	MY08	MY09	MY10	MY11	MY12	MY13	MY14	MY15	MY16	
1	Nissan	Quest	0	0	0	0								None
2	Nissan	Murano				60	41	35	31	12	10			MY2009: 1 alleged injury - cut on head from falling glass
3	Nissan	Maxima				17	29	20	16	11	11			MY2013: 1 alleged injury - perforated ear drum
3	Nissan	Quest						0	1	0	0	0	0	None
5	Nissan	Pathfinder								7	20	4	1	None
6	Infiniti	QX60/JX								9	6	8	0	None
7	Nissan	NV200 NYC Taxi									0	0	0	None
8	Nissan	Rogue									8	12	2	None
9	Nissan	Murano										4	0	None
10	Nissan	Maxima											5	None

See also tab "Q4" in Attachment A.

- 5. File a report of every incident involving an allegation that a panoramic sunroof has shattered spontaneously in a vehicle manufactured by you, of which you are aware by any means (including but not limited to consumer complaints, lawsuits, and media reports). The report shall include the following information: (i) the date on which you were first notified or learned of the incident; (ii) the name of the individual involved in the incident; (iii) the contact information for counsel representing that individual (if applicable); (iv) the make, model, and model year of the vehicle; (v) the vehicle identification number (VIN); (vi) the date, location, and description of the incident (including whether the vehicle was stationary or in motion when the incident occurred); (vii) the number and description of any injuries or fatalities; (viii) a summary of your current understanding as to the nature of the incident and/or the cause of the breakage (including whether a rock or other item of road debris was found); and (ix) a summary of any other information relevant to your investigation of the incident. Your report should be in the format attached as Exhibit A.**

See tab "Q5" in Attachment A.

Thank you and best regards,



Tara Underwood
Senior Manager, Technical Compliance