



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**



1200 New Jersey Avenue SE.
Washington, DC 20590

OCT 17 2018

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Derek Latta
Manager, Technical Compliance
Total Customer Satisfaction – Product Safety & Environmental
Nissan Technical Center North America, Inc.
1 Nissan Way
Franklin, TN 37067

NEF-102as
EA18-001

Dear Mr. Latta:

As you are aware, the Office of Defects Investigation (ODI) of the National Highway Traffic Safety Administration (NHTSA) has opened Engineering Analysis (EA) 18 – 001 to investigate allegations of normally closed control valves, contained within the Antilock Braking System (ABS) Hydraulic Control Unit (HCU), that may stick in the open position after being actuated, the failure of which may cause extended brake pedal travel and increased stopping distances, in addition to other braking and stability control related concerns, in certain model year (MY) 2009 and later Nissan Murano vehicles manufactured by Nissan.

The purpose of this letter is to request from Nissan updated consumer, field and warranty information related to the Alleged Defect in the Subject Vehicles. ODI can provide updated information on related Vehicle Owner Questionnaire (VOQ) reports received to date. Please advise if Nissan would like ODI to provide this information.

Unless otherwise stated in the text, the following definitions apply to these information requests:

- **Subject Vehicles:** All Nissan Murano vehicles equipped with the Subject Component (see below) that were manufactured for sale or lease in the United States, including, but not limited to, the District of Columbia, and current U.S. territories and possessions.
- **Subject Component:** The ABS Hydraulic Control Unit (HCU), including the ABS solenoids, hydraulic control valves, electronic control unit, valve block, and other related components, manufactured by Tier-one supplier Continental Automotive Systems/Continental AG (Continental), that utilized a zinc coating material on the surface of any of the normally closed hydraulic control valves internal to the HCU.

- **Alleged Defect:** Any one or more of the following symptoms or conditions:
 - a. Allegations of low brake pedal, long brake pedal travel, soft brake pedal, or brake pedal going to the floor during or following an ABS activation event;
 - b. Allegations of reduced brake performance or extended stopping distance during or following an ABS activation event; and
 - c. Allegations of a Subject Component failure or malfunction.

- **Nissan:** Nissan, LLC, all of its past and present officers and employees, whether assigned to its principal offices or any of its field or other locations, including all of its divisions, subsidiaries (whether or not incorporated) and affiliated enterprises and all of their headquarters, regional, zone and other offices and their employees, and all agents, contractors, consultants, attorneys and law firms and other persons engaged directly or indirectly (e.g., employee of a consultant) by or under the control of Nissan (including all business units and persons previously referred to), who are or, on or after January 1, 2008, were involved in any way with any of the following related to the Alleged Defect in the Subject Vehicles:
 - a. Design, engineering, analysis, modification or production (e.g. quality control);
 - b. Testing, assessment or evaluation;
 - c. Consideration, or recognition of potential or actual defects, reporting, record-keeping and information management, (e.g., complaints, field reports, warranty information, part sales), analysis, claims, or lawsuits; or
 - d. Communication to, from or intended for zone representatives, fleets, dealers, or other field locations, including but not limited to people who have the capacity to obtain information from dealers.

- **Document:** “Document(s)” is used in the broadest sense of the word and shall mean all original written, printed, typed, recorded, or graphic matter whatsoever, however produced or reproduced, of every kind, nature, and description, and all non-identical copies of both sides thereof, including, but not limited to, papers, letters, memoranda, correspondence, communications, electronic mail (e-mail) messages (existing in hard copy and/or in electronic storage), faxes, mailgrams, telegrams, cables, telex messages, notes, annotations, working papers, drafts, minutes, records, audio and video recordings, data, databases, other information bases, summaries, charts, tables, graphics, other visual displays, photographs, statements, interviews, opinions, reports, newspaper articles, studies, analyses, evaluations, interpretations, contracts, agreements, jottings, agendas, bulletins, notices, announcements, instructions, blueprints, drawings, as-builts, changes, manuals, publications, work schedules, journals, statistical data, desk, portable and computer calendars, appointment books, diaries, travel reports, lists, tabulations, computer printouts, data processing program libraries, data processing inputs and outputs, microfilms, microfiches, statements for services, resolutions, financial statements, governmental records, business records, personnel records, work orders, pleadings, discovery in any form, affidavits, motions, responses to discovery, all transcripts, administrative filings and all mechanical, magnetic, photographic and electronic records or recordings of any kind, including any storage media associated with computers, including, but not limited to, information on hard drives, floppy disks, backup tapes, and

zip drives, electronic communications, including but not limited to, the Internet and shall include any drafts or revisions pertaining to any of the foregoing, all other things similar to any of the foregoing, however denominated by Nissan, any other data compilations from which information can be obtained, translated if necessary, into a usable form and any other documents. For purposes of this request, any document which contains any note, comment, addition, deletion, insertion, annotation, or otherwise comprises a non-identical copy of another document shall be treated as a separate document subject to production. In all cases where original and any non-identical copies are not available, "document(s)" also means any identical copies of the original and all non-identical copies thereof. Any document, record, graph, chart, film or photograph originally produced in color must be provided in color. Furnish all documents whether verified by Nissan or not. If a document is not in the English language, provide both the original document and an English translation of the document.

- **Other Terms:** To the extent that they are used in these information requests, the terms "claim," "consumer complaint," "dealer field report," "field report," "fire," "fleet," "good will," "make," "model," "model year," "notice," "property damage," "property damage claim," "rollover," "type," "warranty," "warranty adjustment," and "warranty claim," whether used in singular or in plural form, have the same meaning as found in 49 CFR 579.4.

In order for my staff to evaluate the alleged defect, certain information is required. Pursuant to 49 U.S.C. § 30166, please provide numbered responses to the following information requests. Insofar as Nissan has previously provided a document to ODI, Nissan may produce it again or identify the document, the document submission to ODI in which it was included and the precise location in that submission where the document is located. When documents are produced, the documents shall be produced in an identified, organized manner that corresponds with the organization of this information request letter (including all individual requests and subparts). When documents are produced and the documents would not, standing alone, be self-explanatory, the production of documents shall be supplemented and accompanied by explanation.

Please repeat the applicable request verbatim above each response. After Nissan's response to each request, identify the source of the information and indicate the last date the information was gathered.

1. State, by model year, the number of Subject Vehicles Nissan has manufactured for sale or lease in the United States. Separately, for each Subject Vehicle manufactured to date by Nissan, state the following:
 - a. Vehicle identification number (VIN);
 - b. Model Year;
 - c. Date of vehicle manufacture;
 - d. Date warranty coverage commenced; and
 - e. The State in the United States where the vehicle was originally sold or leased (or delivered for sale or lease).

Provide the table in Microsoft Access 2010, or a compatible format, entitled "PRODUCTION DATA."

State the number of each of the following, received by Nissan, or of which Nissan is otherwise aware, which relate to, or may relate to, the Alleged Defect in the Subject Vehicles:

- f. Consumer complaints, including those from fleet operators;
- g. Field reports, including dealer field reports;
- h. Reports involving a crash, injury or fatality;
- i. Property damage claims
- j. Third-party arbitration proceedings where Nissan is or was a party to the arbitration; and
- k. Lawsuits, both pending and closed, in which Nissan is or was a defendant or codefendant.

For subparts "a" through "f" state the total number of each item (e.g., consumer complaints, field reports, etc.) separately. Multiple incidents involving the same vehicle are to be counted separately. Multiple reports of the same incident are also to be counted separately (i.e., a consumer complaint and a field report involving the same incident in which a crash occurred are to be counted as a crash report, a field report and a consumer complaint).

In addition, for items "c" through "f" provide a summary description of the alleged problem and causal and contributing factors and Nissan's assessment of the problem, with a summary of the significant underlying facts and evidence. For items "e" and "f" identify the parties to the action, as well as the caption, court, docket number, and date on which the complaint or other document initiating the action was filed.

2. Separately, for each item (complaint, report, claim, notice, or matter) within the scope of your response to Request No. 2, state the following information:
 - a. Nissan's file number or other identifier used;
 - b. The category of the item, as identified in Request No. 2 (i.e., consumer complaint, field report, etc.);
 - c. Vehicle owner or fleet name (and fleet contact person), street address, email address and telephone number;
 - d. Vehicle's VIN;
 - e. Vehicle's mileage at time of incident;
 - f. Incident date;
 - g. Report or claim date;
 - h. Whether a crash is alleged;
 - i. Whether property damage is alleged;
 - j. Number of alleged injuries, if any; and
 - k. Number of alleged fatalities, if any.

Provide this information in Microsoft Access 2010, or a compatible format, entitled "REQUEST NUMBER TWO DATA."

3. Produce copies of all documents related to each item within the scope of Request No. 2. Organize the documents separately by category (i.e., consumer complaints, field reports, etc.)

and describe the method Nissan used for organizing the documents. Describe in detail the search methods and search criteria used by Nissan to identify the items in response to Request No. 2.

4. State, by model year, a total count for all of the following categories of claims, collectively, that have been paid by Nissan to date that relate to, or may relate to, the Alleged Defect in the Subject Vehicles: warranty claims; extended warranty claims; claims for good will services that were provided; field, zone, or similar adjustments and reimbursements; and warranty claims or repairs made in accordance with a procedure specified in a technical service bulletin or customer satisfaction campaign.

Separately, for each such claim, state the following information:

- a. Nissan's claim number;
- b. Vehicle owner or fleet name (and fleet contact person), street address, email address and telephone number;
- c. VIN;
- d. Repair date;
- e. Vehicle mileage at time of repair;
- f. Repairing dealer's or facility's name, telephone number, city and state or ZIP code;
- g. Labor operation number(s);
- h. Problem code(s);
- i. Diagnostic trouble code(s);
- j. Replacement part number(s) and description(s);
- k. Concern stated by customer;
- l. Cause as stated on the repair order;
- m. Correction as stated on the repair order; and
- n. Additional comments, if any, by dealer/technician relating to claim and/or repair.

Provide this information in Microsoft Access 2010, or a compatible format, entitled "WARRANTY DATA."

5. Describe in detail the search methods and search criteria used by Nissan to identify the claims in response to Request No. 5, including the labor operations, problem codes, diagnostic trouble codes, part numbers and any other pertinent parameters used.

Provide a list of all labor operations, labor operation descriptions, problem codes, and problem code descriptions, diagnostic trouble codes and diagnostic trouble code descriptions applicable to the Alleged Defect in the Subject Vehicles. State whether the diagnostic trouble codes are automatically reported to the warranty database electronically or manually entered into the warranty database by a claims administrator.

State, by model year, the terms of the new vehicle warranty coverage offered by Nissan on the Subject Vehicles (i.e., the number of months and mileage for which coverage is provided and the vehicle systems that are covered). Describe any extended warranty coverage option(s) that Nissan offered for the Subject Vehicles and state by option, model, and model year, the number of vehicles that are covered under each such extended warranty.

6. Furnish Nissan's assessment of the Alleged Defect in the Subject Vehicle, including:
 - a. The causal or contributory factor(s);
 - b. The failure mechanism(s);
 - c. The failure mode(s);
 - d. The risk to motor vehicle safety that it poses; and
 - e. What warnings, if any, the operator and the other persons both inside and outside the vehicle would have that the Alleged Defect was occurring or the Subject Component was malfunctioning.

Legal Authority for This Request

This letter is being sent to Nissan pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information.

Civil Penalties

Nissan's failure to respond promptly and fully to this letter could subject Nissan to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) The Vehicle Safety Act, as amended, 49 U.S.C. § 30165(a)(3), provides for civil penalties of up to \$21,000 per violation per day, with a maximum of \$105,000,000 for a related series of daily violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. *See* 49 CFR 578.6 (as amended by Fixing America's Surface Transportation Act (the "FAST Act"), Pub. L. 114-94, § 24110(a)(2), 129 Stat. 1312 (Dec. 4, 2015)). This includes failing to respond completely, accurately, and in a timely manner to ODI information requests.

If Nissan cannot respond to any specific request or subpart(s) thereof, please state the reason why it is unable to do so. If, on the basis of attorney-client, attorney work product, or other privilege, Nissan does not submit one or more requested documents or items of information in response to this information request, Nissan must provide a privilege log identifying each document or item withheld, and stating the date, subject or title, the name and position of the person(s) from, and the person(s) to whom it was sent, and the name and position of any other recipient (to include all carbon copies or blind carbon copies), the nature of that information or material, and the basis for the claim of privilege and why that privilege applies.

Confidential Business Information

All business confidential information must be submitted directly to the Office of Chief Counsel as described in the following paragraph and should not be sent to this office. In addition, do not submit any business confidential information in the body of the letter submitted to this office. Please refer to EA18-001 in Nissan's response to this letter and in any confidentiality request submitted to the Office of Chief Counsel.

If Nissan claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Nissan must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended, to the Office of Chief Counsel (NCC-100), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Nissan is required to **submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted.** Please remember that the phrase “ENTIRE PAGE CONFIDENTIAL BUSINESS INFORMATION” or “CONTAINS CONFIDENTIAL BUSINESS INFORMATION” (as appropriate) must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 49 CFR 512.6. If you submit a request for confidentiality for all or part of your response to this IR, that is in an electronic format (e.g., CD-ROM), your request and associated submission must conform to the new requirements in NHTSA's Confidential Business Information Rule regarding submissions in electronic formats. *See* 49 CFR 512.6(c) (as amended by 72 Fed. Reg. 59434 (October 19, 2007)).

If you have any questions regarding submission of a request for confidential treatment, contact Otto Matheke, Senior Attorney, Office of Chief Counsel at otto.matheke@dot.gov or (202) 366-5253.

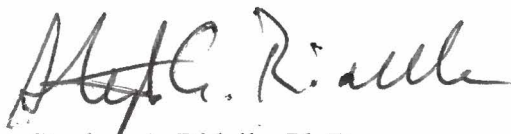
Due Date

Nissan's response to this letter, in duplicate, together with a copy of any confidentiality request, must be submitted to this office by **November 14, 2018**. Nissan's response must include all non-confidential attachments and a redacted version of all documents that contain confidential information. If Nissan finds that it is unable to provide all of the information requested within the time allotted, Nissan must request an extension from Scott Yon (202) 366-0139 no later than five business days before the response due date. If Nissan is unable to provide all of the information requested by the original deadline, it must submit a partial response by the original deadline with whatever information Nissan then has available, even if an extension has been granted.

Please send email notification to Abhijit Sengupta at abhijit.sengupta@dot.gov and to ODI_IRresponse@dot.gov when Nissan sends its response to this office and indicate whether there is confidential information as part of Nissan's response.

If you have any technical questions concerning this matter, please call Abhijit Sengupta of my staff at (202) 366-4293.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen A. Ridella". The signature is fluid and cursive, with the first name "Stephen" being more prominent and the last name "Ridella" following in a similar style.

Stephen A. Ridella, Ph.D.

Director

Office of Defects Investigation