



October 25, 2013

Scott Yon, Chief
Vehicle Integrity Division
Office of Defects Investigation
National Highway Traffic Safety Administration
1200 New Jersey Ave, SE, Room W46-409
Washington, DC 20590

N130136
Partial IV

NVS-212eer
RQ13-003

Dear Mr. Yon:

This letter is General Motors' (GM) partial response to your Recall Query (RQ13-003) to investigate Generator Control Module (GCM) overheating that could lead to smoke and/or fire. The overheating occurs in certain model year (MY) 2012-2013 Buick Regal and LaCrosse, and MY 2013 Chevrolet Malibu Eco vehicles, equipped with eAssist, manufactured by General Motors LLC (GM).

As you agreed previously, this letter contains information and documentation responsive to requests 7c and 9 that continued to be reviewed after GM provided Partial III response on October 7, 2013.

Your requests and our corresponding replies are as follows:

7. Produce the following:

- c. Any and all communications between GM and any of the subject component suppliers, sub-suppliers, discrete component manufacturers or other entities involved in the design/manufacture of the subject components, that relate to, or that may relate to, the alleged defect in the subject vehicles.**

GM is providing responsive non-confidential email communications in the ATT_1_GM disk; in the folder labeled "Q_07c_email". GM is providing non-confidential communication documents and email attachment documents in the ATT_1_GM disk; in the folder labeled "Q_07c_docs".

GM is providing responsive confidential email communications in the ATT_2_GM CONF disk; in the folder labeled "Q_07c_CONFemail". GM is providing responsive confidential communication documents and email attachment documents in the ATT_2_GM CONF disk; in the folder labeled "Q_07c_CONFdocs".



GM is providing communications with Delphi in the ATT_3_Delphi CONF disk; in the folder labeled "Q_07 C".

Attachments included in email communications that are responsive to this request and request 9 are being provided in the response to request 9.

9. Describe all assessments, analyses, tests, test results, studies, surveys, simulations, investigations, inquiries and/or evaluations (collectively, "actions") that relate to, or may relate to, the alleged defect in the subject vehicles that have been conducted, are being conducted, are planned, or are being planned by, or for, GM. Include any and all actions GM conducted on failed or suspect subject components removed from subject vehicles that were sold or were otherwise outside of GM's control, and include any and all related document for each of these actions. For each such action, provide the following information:

- a. Action title or identifier;**
- b. The actual or planned start date;**
- c. The actual or expected end date;**
- d. Brief summary of the subject and objective of the action;**
- e. Engineering group(s)/supplier(s) responsible for designing and for conducting the action; and**
- f. A brief summary of the findings and/or conclusions resulting from the action.**

For each action identified, provide copies of all documents related to the action, regardless of whether the documents are in interim, draft, or final form. Organize the documents chronologically by action.

The information requested in 9a-f was provided in the GM Partial III response on October 7, 2013. The responsive documents that were still being reviewed are provided as indicated in Table 9 below.

Action 9-A: Design, Development, and Validation Plan and Testing Specifications for the GCM in the subject vehicles.

Attachments: ATT_1_GM_disk; folder labeled "Q_09-A",
ATT_2_GM_CONF disk; folder labeled "Q_09-A".
ATT_3_Delphi_CONF disk, folder labeled "Q_09-A".

Action 9-B: Investigation and analysis of single vehicle BPIM/APM failure on Shanghai General Motors (SGM) vehicle.

Attachments: ATT_1_GM_disk; folder labeled "Q_09-B",
ATT_2_GM_CONF disk; folder labeled "Q_09-B",
ATT_3_Delphi_CONF disk; folder labeled "Q_09-B"
ATT_4_UCC_CONF disk; folder labeled "Q_09-B"
ATT_5_Nan Ya_CONF disk; folder labeled "Q_09-B"

Action 9-C: GM Investigation of BPIM (GCM) isolation related issues

Attachments: ATT_1_GM_disk; folder labeled "Q_09-C",
ATT_2_GM_CONF disk; folder labeled "Q_09-C",
ATT_3_Delphi_CONF disk; folder labeled "Q_09-C"
ATT_5_Nan Ya_CONF disk; folder labeled "Q_09-C"

Action 9-D: GM Investigation RQ13-003

Attachments: ATT_2_GM_CONF disk; folder labeled "Q_09-D".

TABLE 9: DOCUMENTS

* * *

This response is based on searches of General Motors (GM) locations where documents determined to be responsive to your request would ordinarily be found. As a result, the scope of this search did not include, nor could it reasonably include, "all of their past and present officers and employees, whether assigned to their principal offices or any of their field or other locations, including all of their 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 GM (including all business units and persons previously referred to), who are or, in or after January 2006, 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."

This response was compiled and prepared by this office upon review of the documents produced by various GM locations, and does not include documents generated or received at those GM locations subsequent to their searches.

Please contact me if you require further information about this response or the nature or scope of our searches.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Carmen Benavides". The signature is fluid and cursive, with a prominent initial "M." and a stylized "C" and "B".

M. Carmen Benavides, Director
Product Investigations and Safety Regulations

Attachments

RQ13-003

GM

10-25-2013

ATTACHMENT A

Q09A

Proof of Validation Letter
(BPIM)



January 5, 2011

Mr. Steve Farris
Validation Engineer
General Motor Corporation

Dear Mr. Farris:

Delphi has completed validation of part number(s) 22785346, BAS+ APM/BPIM to the GM technical requirements per the approved test plan, VTP-10018394-PV.05, revision date 9/24/10. The results of the validation demonstrate that the part(s) meets all the technical requirements.

Sincerely,

Brad Spitznagle
Validation Manager
Delphi - Kokomo
2100 E. Lincoln Road
Kokomo, IN. 46902
765-451-2929

cc: Dave Sharp
Bill Fortier

Proof of Validation Letter

Effective Date: August 7, 2005

Content Reviewed Date:

December 02, 2005

Page: 2 of 2

REVISION RECORD

Reason for Revision	Date of Revision	Author(s)
Initial Release – Supports DE WI 921.01.01AD (GM 3660), section 4.2.1.a.8b Document protected – password “validation”	August 7, 2005	R. Dean Reynolds