INFORMATION Redacted PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

RQ13-003

GM

10-25-2013

ATTACHMENT A

Q07

Q_07c_docs

Q07_2012-07-10_Jacob to Daniel Weaver_p

Warranty Return #		Engineering/Development Unit Early Program	Warranty #5	APR#15	Warranty #52	Warranty #43
Location of Incident		Shanghai, China	Chamblee, GA	Fairfax, KS	Beijing, China	Saint Cloud, MN
Location of Powerpack		In Kokomo	In Kokomo	In Kokomo	In Kokomo	In Kokomo
Incident Date		5-Jul-2011	2-Nov-2011	29-Feb-2012	12-Mar-2012	11-Apr-2012
TAC Case #			[redacted]			71-1057120754
Powerpack S/N		LQ581241111144002	LQ16984111214037	LQ68414112056516	LQ581241111154010	LQ68414112087659
VIN		LSGGF53G4BH[redacted]	1G4GC5GRCF[redacted]	1G11F5RR4DF1[redacted]	LSGGF53G1BH[redacted]	1G11F5RR7DF[redacted]
Vehicle		Lacrosse	Lacrosse	Malibu	Lacrosse	Malibu
General Information	site of incident	PATAC	Dealership	Fairfax Assembly	Dealership	Dealership
	mileage	15 km	2 miles	0 (Failed DVT)	85 km	7 miles
	vehicle maneuvers prior to event	moving vehicle on lot	parked in dealer lot	driving vehicle in DVT	moving vehicle on dealer lot	moving vehicle off of transport truck
	ambient temp / conditions* *based on internet searches	34C (93F) / RH = 89%	20C (68F) / RH = 76%	indoors, temp controlled 17.8C (64F) / RH = 72% / 0.89in precipitation	9C (48F) / no precip / RH = 53%	47F / RH = 30%
	Build Date Pack	24-May-2011	2-Aug-2011	25-Feb-2012	3-Jun-2011	27-Mar-2012
	leakage current (uA)	test not implemented at time of build	test not implemented at time of build	422	test not implemented at time of build	387.7
DTC		no data dump taken	P06B1, P0A2F,P0A8D, P0C52, P0CC2, P1A72, P1AF0, P1E0C, P1E12, U0198, U0197	U0293, U1817	U0293, U1817, U0422	P06B1 P0A8D P0AC4 P0A3F P0C0B P0C52 P1A72 P0C78 P1ADE
Power Board Lot #						
GMCH APM/BPIM Test		{ * }	{ * }	{ * }	{ * }	{ * }
GMCH Power Board Assembly & Test		{ * }	{ * }	{ * }	{ * }	{ * }
Power Pack Test		BAS_PACK_FCT1	BAS_PACK_FCT1	EA_L2_PACK_FCT1	BAS_PACK_FCT1	EA_L2_PACK_FCT1
Additional Information		Vehicle was loaded onto veh transport truck to be transported from SGM to PATAC and be made ready for a media event. Could not remove vehicle from truck; non-start; 12V battery voltage low. Checked 12V battery while on truck. Jumped vehicle with another after approximately 10mins charging; 12V charging not functional.	Dealer stock unit. No-start, towed in from the lot. Powerpack was replaced and problem was corrected. MGU had been previously replaced when inspected by dealer and found to have a broken terminal weld.	Vehicle passed ALDL but failed DVT and was driven to the repair area, when the repairman returned 30 minutes later there was a strong odor coming from the powerpack area, when the carpet was removed residual smoke could be seen coming from the low voltage connectors at the powerpack.	Demo Vehicle with little mileage	Dealership vehicle off of transport truck
Vehicle Actions Taken		F23 fuse confirmed burned Wire harness X3-2, X3-9 and X3-18 checked – good condition Burn mark (discoloration) on Powerpack metal near signal connectors X1, X2, X3 Replaced F23 fuse - burned again Powerpack replaced; vehicle would not start. 175A fuse from APM to 12V battery also found burned. Replaced fuse. Vehicle running without incident.	Unsold vehicle, Stall, No Start, Main DTC P1AF0, Originally had a open 175A underhood fuse.	Underhood F23 fuse (7.5 A) confirmed burned. Low voltage wire harness connectors (blue, black, green) were discolored but harness checked good. 175 A fuse was good. Powerpack removed and sent to GMCH.	F23 fuse confirmed burned. Low voltage connectors at the powerpack were discolored.	Dealer states has charging system malfunction message. Dealer states the vehicle came off the transport like this and had codes P06B1 P0A8D P0AC4 P0A3F P0C0B P0C52 P1A72 P0C78 P1ADE, the 175a fuse was open and the 7.5a F23UA fuse was also open. Dealer had a like vehicle and swapped the 175a fuse and replaced the 7.5a fuse and gets the above codes again after key up and then starting but the fuses do not open. Dealer states he notices a bad odor once the truck is opened.
Delphi / GMCH Analysis		{ * }	{ * }	{ * }		{ * }

Warranty Return #	Engineering/Development Unit Early Program	Warranty #5	APR#15	Warranty #52	Warranty #43
Status / CA	{ * }	{ * }		{ * }	{ * }
Failure Analysis	{ * } Failure analysis performed by Tom Evarian. Full results pending.		Failure analysis performed by Tom Evarian. Full results pending.		
Root Cause					

Warranty Return #		Warranty #49	BPIM #91	Warranty #77
Location of Incident		Jackson, MS	Conway, AR	Buford, GA
Location of Powerpack		In Kokomo	In Kokomo	IN Kokomo
Incident Date		19-Apr-2012	3-Apr-2012	13-May-2012
TAC Case #		[redacted]		
Powerpack S/N		LQ68414112052520	LP96734112039108	LP96734112130258
VIN		1G11D5RR1DF[redacted]	1G4GB5ERXC[redacted]	1G11D5RR1D[redacted]
Vehicle		Malibu	Lacrosse	Malibu
General Information	site of incident	Dealership	Dealership	Dealership
	mileage	23 miles	23 miles	2 miles
	vehicle maneuvers prior to event	dealer vehicle	dealer vehicle	dealer vehicle
	ambient temp / conditions* *based on internet searches	79F / RH = Avg 63%, Hi 92%	73F / RH = 100%	89F / RH = 93%
	Build Date Pack	21-Feb-2012	8-Feb-2012	9-May-2012
	leakage current (uA)	362.68		
DTC			P0700, U0293, U1817	P0700, U0293, U1817, U0293, U0422
Power Board Lot #				
GMCH APM/BPIM Test		{ * }	{ * }	{ * }
GMCH Power Board Assembly & Test		{ * }	{ * }	{ * }
Power Pack Test		EA_L2_PACK_FCT1	EA_L2_PACK_FCT1	EA_L2_PACK_FCT1
Additional Information		175 amp fuse "F73UA" was open. The dealer has replaced the fuse and goes open as soon as the ignition is turned on. The dealer did advise that the battery pack does smell like hot wiring.	Vehicle Stall, 12v Batt Low	Hard time starting, service battery system
Vehicle Actions Taken		The dealer has tested ckt 2 for a short to ground and was not abe to find one with or without the key on. The dealer checked the battery grounds 100 and 103 and both were good and tight and clean. The dealer then has checked fuse 23 and that too was open. The dealer advised that the battery connections are all clean at the battery as well.	RN1131227196 (claim labor code N5875) received BPIM only No Communications, Smells Burnt TAC - car not covered under 12013 VIS. (for U0293, U1817 Bulletin). It has U0293 U1817 setting that we commonly see. Should we suggest only the BPIM or entire PowerPack. Brian Ciaverella Hybrid Platform TAC, Vehicle died, 12v batt dead. Dealer: vehicle dying on a road test, 12v battery was dead. codes P0700, U0293, U1817. Dealer states has charged and	Dealer states has concern of hard time starting service battery system. Dealer states has codes ECM P0700 U0293 U1817 TCM U0293 EBCM U0422 and has found the 175a fuse open, battery pack has a burnt odor and has installed a new 175a fuse opened immediately. Dealer states has checked the connector at the battery assembly to ground while disconnected from the battery assembly and found no continuity. Dealer states has not checked the F23 7.5a fuse to see if it is open.
Delphi / GMCH Analysis				

Warranty Return #	Warranty #49	BPIM #91	Warranty #77
Status / CA	Delivered to Kokomo on 08May2012. Visual, black marks outside, has telltale odor. Confirmed APM failure.	Confirmed APM failure.	
Failure Analysis			
Root Cause			

RQ13-003

GM

10-25-2013

ATTACHMENT A

Q07

Q_07c_docs

Q07_GMCH eAssist Service Update3MY13_p

{ * }

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{ * }

Backup

{ * }

{ * }

RQ13-003

GM

10-25-2013

ATTACHMENT A

Q07

Q_07c_email

James Fortune
<james.fortune@gmch.com>

12/14/2011 08:39 AM

To "Frederick Billotto" <frederick.billotto@gm.com>, "Stephen Farris" <stephen.farris@gm.com>, reena.datta@gm.com
cc Gary Backs <gary.backs@gmch.com>, "Dave sharp" <david.sharp@delphi.com>, Hossein Lotfalian <hossein.lotfalian@gmch.com>
bcc
Subject Fw: BAS+ Warranty #5 with Blown 175A fuse

History: This message has been forwarded.

2 attachments

Warranty #5 Blown 175A Fuse.ppt 71-1004374475 BAS 10Nov11.pdf

Please see attached preliminary report on BAS+ warranty #5. This failure follows the same footprint as the unit which failed at SGM for the blown 175A fuse. I have also attached the TAC case information for your reference. The unit is awaiting a decision on how to proceed with failure analysis.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1150-0M11-00P6
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----Forwarded by James Fortune/GMch on 12/14/2011 08:35AM -----
To: sean.gleason@gm.com
From: James Fortune/GMch
Date: 12/13/2011 03:44PM

Cc: glbax@hotmail.com
Subject: BAS+ Warranty #5 with Blown 175A fuse

(See attached file: Warranty #5 Blown 175A Fuse.ppt)

Sean,

Attached is a brief description of BAS+ Power Pack Warranty #5 with the blown 175A fuse

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1150-0M11-00P6
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

"White, David E" <David.E.White@delphi.com>

12/21/2011 09:26 AM

To "reena.datta@gm.com" <reena.datta@gm.com>

cc "mehrdad.teimor@gm.com" <mehrdad.teimor@gm.com>, "william.ivan@gm.com" <william.ivan@gm.com>, "Buehler, David P" <david.p.buehler@delphi.com>, "Sharp, David"

bcc

Subject RE: BAS+ APM PCB Layers

2 attachments

PCB Layer Comparison.pptx 28268628_AC_stackup.xls

Reena,
Per your request, Please find Attached

1) Information on the circuit Board comparison of APM Gen 1 to BAS+ Power Board
2) Proposed Changes to BAS+ Power Board

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Wednesday, December 21, 2011 9:12 AM
To: White, David E; Buehler, David P
Cc: mehrdad.teimor@gm.com; william.ivan@gm.com
Subject: BAS+ APM PCB Layers

Hi Dave White and Dave Buehler,

Could you please send me the presentation that shows the current Gen1 and BAS+ APM PCB layer thicknesses side-by-side? Could you also please send me the proposed BAS+ PCB layer structure that was shown during yesterday's 1PM meeting with Al Barry and Mark Selogie?

Thank you,

Reena Datta
General Motors Hybrid Systems
Work: 248-752-8137

Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

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****

"David E. Miller"
<david.e.miller@gmch.com>

12/21/2011 09:58 AM

To reena.datta@gm.com, david.e.white@delphi.com, david.sharp@delphi.com, Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian
cc
bcc
Subject BAS+ Warranty Failures - Experiments Update

1 attachment

BAS+ Warranty Failures Experiments.docx

All,

The attached file has been updated with data taken from yesterday (12/20).

David E Miller
Power Electronics & Sensors & Power Module
Manufacturing Engineering Group Manager
Tel: 765-451-8855

General Motors Components Holdings, LLC
2100 E Lincoln Road - M/S 9132
Kokomo, IN 46902

Joseph Thompson <joseph.thompson@gmch.com>

12/21/2011 04:31 PM

To "David E. Miller" <david.e.miller@gmch.com>, Cole Buttry <cole.buttry@gmch.com>, Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian

cc

bcc

Subject BAS+ Warranty Failures - Experiments Update 12-21-11

1 attachment

BAS+_Warranty_Failures_Experiments_12-21-11.docx

I added todays measurements to the attached file.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

-----David E. Miller/GMch wrote: -----
To: reena.datta@gm.com, david.e.white@delphi.com, david.sharp@delphi.com, Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, mehrdad.teimor@gm.com, stephen.farris@gm.com, "Turner Steven R" <steven.r.turner@delphi.com>, Joseph Thompson/GMch@GMch, Jack Shadday/GMch@GMch, Stephen Rouch/GMch@GMch, James Fortune/GMch@GMch, Robert Wray/GMch@GMch, Cole Buttry/GMch@GMch
From: David E. Miller/GMch
Date: 12/21/2011 09:58AM
Subject: BAS+ Warranty Failures - Experiments Update

All,

The attached file has been updated with data taken from yesterday (12/20).

David E Miller
Power Electronics & Sensors & Power Module
Manufacturing Engineering Group Manager
Tel: 765-451-8855

General Motors Components Holdings, LLC
2100 E Lincoln Road - M/S 9132
Kokomo, IN 46902

[attachment "BAS+ Warranty Failures Experiments.docx" removed by Joseph Thompson/GMch]

"Funk, Timothy R." <Timothy.R.Funk@delphi.com>

12/21/2011 08:52 AM

To "White, David E" <David.E.White@delphi.com>, "reena.datta@gm.com" <reena.datta@GM.COM>, "Stephen.farris@gm.com" <Stephen.farris@GM.COM>,
cc
bcc
Subject BAS+ APM PCB info

Team,
Attached is presentation that has measurements of the layers in the APM cir bd. This was a section we had from Gamma validation that had gone through 270 cycles of PTC.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

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****

********** BAS plus PCB layer measurements.ppt

Joseph Thompson <joseph.thompson@gmch.com>

12/22/2011 04:25 PM

To: Joseph Thompson <joseph.thompson@gmch.com>, Cole Buttry <cole.buttry@gmch.com>, "David E. Miller" <david.e.miller@gmch.com>, Gary Backs

cc:

bcc:

Subject: Warranty Failures - Experiments Update 12-22-11

1 attachment

BAS+_Warranty_Failures_Experiments_12-22-11.docx

Measurements added for 12-22-11.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

-----Joseph Thompson/GMch wrote: -----
To: David E. Miller/GMch@GMch, Cole Buttry/GMch@GMch, Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, Jack Shadday/GMch@GMch, James Fortune/GMch@GMch, Robert Wray/GMch@GMch, Stephen Rouch/GMch@GMch, "David E White" <David.E.White@delphi.com>, "Dave Sharp" <david.sharp@delphi.com>, mehrdad.teimor@gm.com, "reena datta" <reena.datta@gm.com>, stephen.farris@gm.com, "Steven R Turner" <steven.r.turner@delphi.com>
From: Joseph Thompson/GMch
Date: 12/21/2011 04:31PM
Subject: BAS+ Warranty Failures - Experiments Update 12-21-11

I added todays measurements to the attached file.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

-----David E. Miller/GMch wrote: -----
To: reena.datta@gm.com, david.e.white@delphi.com, david.sharp@delphi.com, Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, mehrdad.teimor@gm.com, stephen.farris@gm.com, "Turner Steven R" <steven.r.turner@delphi.com>, Joseph Thompson/GMch@GMch, Jack Shadday/GMch@GMch, Stephen Rouch/GMch@GMch, James Fortune/GMch@GMch, Robert Wray/GMch@GMch, Cole Buttry/GMch@GMch
From: David E. Miller/GMch
Date: 12/21/2011 09:58AM
Subject: BAS+ Warranty Failures - Experiments Update

All,

The attached file has been updated with data taken from yesterday (12/20).

David E Miller
Power Electronics & Sensors & Power Module
Manufacturing Engineering Group Manager
Tel: 765-451-8855

General Motors Components Holdings, LLC
2100 E Lincoln Road - M/S 9132
Kokomo, IN 46902

[attachment "BAS+ Warranty Failures Experiments.docx" removed by Joseph Thompson/GMch]

[attachment "BAS+_Warranty_Failures_Experiments_12-21-11.docx" removed by Joseph Thompson/GMch]

Joseph Thompson <joseph.thompson@gmch.com>

12/23/2011 01:21 PM

To: Cole Buttry <cole.buttry@gmch.com>, "David E. Miller" <david.e.miller@gmch.com>, Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian

cc:

bcc:

Subject: Warranty Failures - Experiments Update 12-23-11

1 attachment

BAS+_Warranty_Failures_Experiments_12-23-11.docx

Update for 12-23-11. Parts have been removed from chamber.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

-----Joseph Thompson/GMch wrote: -----
To: Joseph Thompson/GMch@GMch, Cole Buttry/GMch@GMch, David E. Miller/GMch@GMch, Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, Jack Shadday/GMch@GMch, James Fortune/GMch@GMch, Robert Wray/GMch@GMch, Stephen Rouch/GMch@GMch, "David E White" <David.E.White@delphi.com>, "Dave Sharp" <david.sharp@delphi.com>, mehrdad.teimor@gm.com, "reena datta" <reena.datta@gm.com>, stephen.farris@gm.com, "Steven R Turner" <steven.r.turner@delphi.com>
From: Joseph Thompson/GMch
Date: 12/22/2011 04:25PM
Subject: Warranty Failures - Experiments Update 12-22-11

Measurements added for 12-22-11.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

-----Joseph Thompson/GMch wrote: -----
To: David E. Miller/GMch@GMch, Cole Buttry/GMch@GMch, Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, Jack Shadday/GMch@GMch, James Fortune/GMch@GMch, Robert Wray/GMch@GMch, Stephen Rouch/GMch@GMch, "David E White" <David.E.White@delphi.com>, "Dave Sharp" <david.sharp@delphi.com>, mehrdad.teimor@gm.com, "reena datta" <reena.datta@gm.com>, stephen.farris@gm.com, "Steven R Turner" <steven.r.turner@delphi.com>
From: Joseph Thompson/GMch
Date: 12/21/2011 04:31PM
Subject: BAS+ Warranty Failures - Experiments Update 12-21-11

I added todays measurements to the attached file.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

-----David E. Miller/GMch wrote: -----
To: reena.datta@gm.com, david.e.white@delphi.com, david.sharp@delphi.com, Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, mehrdad.teimor@gm.com, stephen.farris@gm.com, "Turner Steven R" <steven.r.turner@delphi.com>, Joseph Thompson/GMch@GMch, Jack Shadday/GMch@GMch, Stephen Rouch/GMch@GMch, James Fortune/GMch@GMch, Robert Wray/GMch@GMch, Cole Buttry/GMch@GMch
From: David E. Miller/GMch
Date: 12/21/2011 09:58AM
Subject: BAS+ Warranty Failures - Experiments Update

All,

The attached file has been updated with data taken from yesterday (12/20).

David E Miller
Power Electronics & Sensors & Power Module
Manufacturing Engineering Group Manager
Tel: 765-451-8855

General Motors Components Holdings, LLC
2100 E Lincoln Road - M/S 9132
Kokomo, IN 46902

[attachment "BAS+ Warranty Failures Experiments.docx" removed by Joseph Thompson/GMch]

[attachment "BAS+_Warranty_Failures_Experiments_12-21-11.docx" removed by Joseph Thompson/GMch]

[attachment "BAS+_Warranty_Failures_Experiments_12-22-11.docx" removed by Joseph Thompson/GMch]

{In Archive} Warranty 19 - UPDATED

Joseph Thompson to : rick.schroeder

Cc: "Mark A Nichols"

From: Joseph Thompson <joseph.thompson@gmch.com>

To: rick.schroeder@gm.com

Cc: "Mark A Nichols" <mark.a.nichols@delphi.com>

History:

This message has been forwarded.

Archive: This message is being viewed in an archive.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

765-451-1667 Lab

{In Archive} Warranty 29 Vehicle test

Joseph Thompson to: Barry W Jones, David E. Miller, Gary Backs, Hossein Lotfalian, James Fortune, Dav Nichols, milton martinez, rick schroeder, Steven R Peelman, Steven R Turner

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "Barry W Jones" <barry.w.jones@delphi.com>, "David E. Miller" <david.e.miller@gmch.com>, Gary Backs <gary.backs <james.fortune@gmch.com>, "David E White" <David.E.White@delphi.com>, "Dave Sharp" <david.sharp@delphi.com <len.chalawa@gm.com>, "Mark A Nichols" <mark.a.nichols@delphi.com>, "milton martinez" <milton.martinez@gm.con <Steven.R.Peelman@delphi.com>, "Steven R Turner" <steven.r.turner@delphi.com>

Archive: This message is being viewed in an archive.

Warranty unit 29 was ran on the vehicle Friday night. The unit appeared to run OK with no fault indication.

Rick Schroeder, please review the data. Due to the file size I will provide the data on a second email to

you and Milton.

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

{In Archive} Warranty 25 - new V2 Config with HV CC

Joseph Thompson to : rick schroeder

Cc: "Mark A Nichols"

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "rick schroeder" <rick.schroeder@gm.com>

Cc: "Mark A Nichols" <mark.a.nichols@delphi.com>

Archive: This message is being viewed in an archive.

Rick attached is the latest dump for warranty 25 data per our phone call.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell
765-451-1667 Lab

-----rick.schroeder@gm.com wrote: -----
To: Joseph Thompson <joseph.thompson@gmch.com>
From: rick.schroeder@gm.com
Date: 04/20/2012 01:15PM
Subject: Warranty 25 - new V2 Config with HV CC

Joe,

To clear the HV DTCs you need to key up to run but don't start the car.,
use V2 to clear the HV DTCs
then use V2 to Clear DTCs
Key off for 35 seconds.
then restat the car,.

The HV CC is under the Transmitt menu then select messages and it shows up at the bottom

or

you can just hit F7 and it will transmitt the message.

Rick Schroeder
BAS Plus Diagnostics
248-930-8392
rick.schroeder@gm.com
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=

[attachment "warrenty25_vescom11_newparameters_w_HV_CC.vip" removed by Joseph Thompson/GMch]

{In Archive} Re: Warranty units 7 & 27

Joseph Thompson to : rick schroeder

Cc: "Mark A Nichols", "len chalawa", "frederick billotto", Hossein Lotfalian, "David P Buehler", "David E White", und

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "rick schroeder" <rick.schroeder@gm.com>

Cc: "Mark A Nichols" <mark.a.nichols@delphi.com>, "len chalawa" <len.chalawa@gm.com>, "frederick billotto" <frederick.b
Buehler" <david.p.buehler@delphi.com>, "David E White" <David.E.White@delphi.com>, undefined@plgmler1.imr.gm.

Archive: This message is being viewed in an archive.

Rick, just letting you know I got your Email. We have had some discussions and have gotten many questions. I think we may need to get a small group together to review. I'll get back to you Monday.

Joe Thompson
Current Product Engineer

Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----rick.schroeder@gm.com wrote: -----
To: Joseph Thompson <joseph.thompson@gmch.com>
From: rick.schroeder@gm.com
Date: 05/16/2012 01:41PM
Cc: "frederick billotto" <frederick.billotto@gm.com>, "len chalawa" <len.chalawa@gm.com>, "Mark A Nichols" <mark.a.nichols@delphi.com>
Subject: Re: Warranty units 7 & 27

Joe,
We have a TAC case where the Accessory drive belt broke on the vehicle....and eventually discharged the 12V battery...
We have an issue where if the 12V goes low the Power pack fan will not turn back on....
The vehicle was taken to the dealer.
and the 12V battery recharged, belt replaced.
but the fan issue was not fixed

After letting the vehicle idle for about 1 hour the APM got hot because the Fan was not working and it set a P0CA2. (APM shoot through)

This is repeatable.

So, my question is.... can overheating the APM cause the P0CA2 ?

Thanks,

Rick Schroeder
BAS Plus Diagnostics
248-930-8392
rick.schroeder@gm.com

From: Joseph Thompson <joseph.thompson@gmch.com>
To: "rick schroeder" <rick.schroeder@gm.com>, "len chalawa" <len.chalawa@gm.com>, "frederick billotto" <frederick.billotto@gm.com>, "Mark A Nichols" <mark.a.nichols@delphi.com>
Date: 04/27/2012 01:09 PM
Subject: Warranty units 7 & 27

Warranty units 7 & 27 will be shipped out to Rick today.

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

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{In Archive} war65 P0AC2 - 2nd dump file

Joseph Thompson to : rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "rick schroeder" <rick.schroeder@gm.com>

Archive: This message is being viewed in an archive.

Per my last email - Wnivalid dumps attached.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

{In Archive} war65 P0AC2 - 2nd dump file - correction

Joseph Thompson to : rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "rick schroeder" <rick.schroeder@gm.com>

Archive: This message is being viewed in an archive.

sorry it's late - P0CA2 not P0AC2

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

-----Joseph Thompson/GMch wrote: -----
To: "rick schroeder" <rick.schroeder@gm.com>
From: Joseph Thompson/GMch
Date: 06/21/2012 08:02PM
Subject: war65 P0AC2 - 2nd dump file

Per my last email - Wnivalid dumps attached.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

[attachment "WinValid.piz" removed by Joseph Thompson/GMch]

{In Archive} Fw: Warranty 44 Vehicle

Joseph Thompson to : rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "rick schroeder" <rick.schroeder@gm.com>

Archive: This message is being viewed in an archive.

data dump attached

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

-----Forwarded by Joseph Thompson/GMch on 06/12/2012 08:10AM -----
To: "rick schroeder" <rick.schroeder@gm.com>, "frederick billotto" <frederick.billotto@gm.com>, "stephen farris" <stephen.farris@gm.com>, "reena datta" <reena.datta@gm.com>, Hossein Lotfalian/GMch@GMch, James Fortune/GMch@GMch, Daniel Weaver/GMch@GMch, "len chalawa" <len.chalawa@gm.com>, Gary Backs/GMch@GMch
From: Joseph Thompson/GMch
Date: 06/12/2012 08:09AM
Subject: Warranty 44 Vehicle

Warranty 44 was ran on the vehicle last night with no faults set. I will send the data to Rick on a separate email.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

{In Archive} Re: Reena's Canalyzer data

Joseph Thompson to : mark.zerbini, milton martinez, reena datta, rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

To: mark.zerbini@gm.com, "milton martinez" <milton.martinez@gm.com>, "reena datta" <reena.datta@gm.com>, "rick schr

History: This message has been replied to.

Archive: This message is being viewed in an archive.

2nd Run

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

-----Joseph Thompson/GMch wrote: -----
To: "reena datta" <reena.datta@gm.com>, "rick schroeder" <rick.schroeder@gm.com>, "milton martinez" <milton.martinez@gm.com>, mark.zerbini@gm.com
From: Joseph Thompson/GMch
Date: 12/06/2012 09:56AM
Subject: Reena's Canalyzer data

Attached is a test setup run data canalyzer.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

[attachment "eAssist_CANalyzer-BPIMTestSetup_06Dec2012.ASC" removed by Joseph Thompson/GMch]

Mark W. Wright/US/GM/GMC

01/04/2012 11:44 AM

To Andrea Danescu/US/GM/GMC@GM

cc "White, David E" <David.E.White@delphi.com>, Tony J. Saliga/US/GM/GMC@GM, "fred.billito@gm.com" <fred.billito@gm.com>, "Thompson, Joseph E"

bcc

Subject RE: URGENT: Malibu Fleet Vehicle in Warren (Powerpack Failure) MEETING 3:00 TODAY

1 attachment

Issue Reporting Form_LQ16984111311121_from Malibu_DF100070.doc

Mark W. Wright

Development/Validation Engineer
Global Electrification, BAS Hybrid Systems
PT Global Headquarters, Bld B
823 Joslyn Avenue
Pontiac, MI 48340
Mail Code 483-730-312

Phone: (248) 830-8189

Email: mark.w.wright@gm.com

From: Andrea Danescu/US/GM/GMC

To: "White, David E" <David.E.White@delphi.com>, Tony J. Saliga/US/GM/GMC@GM, Mark W. Wright/US/GM/GMC@GM

Cc: "fred.billito@gm.com" <fred.billito@gm.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>, "Backs, Gary L" <gary.backs@gmch.com>, "Datta, Reena (GM)" <reena.datta@gm.com>, "Farris, Stephen (GM)" <stephen.farris@gm.com>, "Ye, Richard (GM)" <richard.ye@gm.com>, "Teimor, Mehrdad (GM)" <mehrdad.teimor@gm.com>, "Nichols, Mark A" <mark.a.nichols@delphi.com>, "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>

Date: 01/04/2012 08:59 AM

Subject: RE: URGENT: Malibu Fleet Vehicle in Warren (Powerpack Failure) MEETING 3:00 TODAY

[attachment "Issue Reporting Form.doc" deleted by Mark W. Wright/US/GM/GMC]

Tony, Mark,

Can you provide as much information as possible on this form regarding the Malibu powerpack failure? Kokomo needs this information to help analyze the pack.

Description of the failure, APM/BPIM serial number, Fleet vehicle number, test preformed. failure mode,

DTC's...etc...

Thank you!

Andrea Danescu
Resident Engineer, GMPT
248-928-3254

General Motors Components Holdings, LLC
General Motors Proving Grounds
M/C 483-331-201
3300 General Motors Rd.
Milford, Michigan 48380-3726

andrea.danescu@gm.com

From: "White, David E" <David.E.White@delphi.com>

To: "andrea.danescu@gm.com" <andrea.danescu@gm.com>
Cc: "fred.billito@gm.com" <fred.billito@gm.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>, "Backs, Gary L" <gary.backs@gmch.com>, "Datta, Reena (GM)" <reena.datta@gm.com>, "Farris, Stephen (GM)" <stephen.farris@gm.com>, "Ye, Richard (GM)" <richard.ye@gm.com>, "Teimor, Mehrdad (GM)" <mehrdad.teimor@gm.com>, "Nichols, Mark A" <mark.a.nichols@delphi.com>, "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>

Date: 01/04/2012 08:24 AM

Subject: RE: URGENT: Malibu Fleet Vehicle in Warren (Powerpack Failure) MEETING 3:00 TODAY

Andrea, Fred, et al.

Can someone please document the Malibu issue? We have a high level understanding of what happened, but some of the details are left out.

Andrea, can I suggest you used the Incident Reporting template as a basis for gathering the information?

Thanks in Advance,

-Dave White

From: andrea.danescu@gm.com [mailto:andrea.danescu@gm.com]
Sent: Tuesday, January 03, 2012 2:43 PM
To: Lotfalian, Hossein T; Thompson, Joseph E; White, David E; Sharp, David; tony.j.saliga@gm.com; mehrdad.teimor@gm.com; Buttry, Cole R; Backs, Gary L

Subject: URGENT: Malibu Fleet Vehicle in Warren (Powerpack Failure) MEETING 3:00 TODAY
Importance: High

Please Call At 3:00pm today.

1-866-297-2155
P/C 4517042

To discuss the Malibu vehicle PowerPack failure.

Thanks,

Andrea Danescu
Resident Engineer, GMPT
248-928-3254

General Motors Components Holdings, LLC
General Motors Proving Grounds
M/C 483-331-201
3300 General Motors Rd.
Milford, Michigan 48380-3726

andrea.danescu@gm.com

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****
****

Joseph Thompson <joseph.thompson@gmch.com>

01/09/2013 09:42 AM

To "reena datta" <reena.datta@gm.com>

cc Daniel Weaver <daniel.weaver@gmch.com>, "david.deal" <david.deal@gm.com>, "frederick billotto" <frederick.billotto@gm.com>, Gary Backs

bcc

Subject Re: eAssit - NTF Meeting Agenda Jan 9, 2013

Reena, I checked a few BPIM NTF units at the bench while hot. All units listed below passed isolation check and APM / BPIM function. BPIM unit 114 failed for a defective U31. This is the same failure mode and build date as warranty pack 7.

Units Checked Hot
133, 203, 220, 249, 257, 275, 333, 165, 177

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----reena.datta@gm.com wrote: -----
To: daniel.weaver@gmch.com, david.deal@gm.com, frederick.billotto@gm.com, gary.backs@gmch.com, jacob.d.bylsma@gm.com, james.fortune@gmch.com, joseph.thompson@gmch.com, kevin.diviney@gm.com, len.chalawa@gm.com, mark.w.wright@gm.com, stephen.farris@gm.com, tony.j.saliga@gm.com
From: reena.datta@gm.com
Date: 01/08/2013 01:10PM
Cc: rick.schroeder@gm.com
Subject: eAssit - NTF Meeting Agenda Jan 9, 2013

Hi Everyone,

Please see the NTF meeting agenda below for tomorrow's meeting. Please let me know if you have any feedback.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

---

eAssist No Trouble Found Meeting

Wednesday, January 9, 2013

3:00 PM - 4:00 PM EST

Invitees (Attendees in Bold):

Daniel Weaver, David Deal, Frederick Billotto, Gary Backs, Jacob D Bylsma, James Fortune, Joseph Thompson, Kevin Diviney, Len Chalawa, Mark W. Wright, Rick H Schroeder, Stephen Farris, Tony J. Saliga

Call-in Information:

MML: (866) 226-3606 / (678) 466-7834
Code: 646 2538

Webex Meeting Information:

Meeting Link:
https://gm.webex.com/gm/j.php?ED=199511712&UID=492344932&PW=NOGJkNmUzYjc2&RT=MiMxMQ%3D%3D

Meeting Number: 960 445 572
Meeting Password: 1234

MEETING AGENDA

Agenda Item	Presenter	Time
1. Review NTF returns with P0CA2 (P0CA2 - DC/DC Converter Step Down Voltage Performance) • Review 25 returns as of 08Jan2013 o Review Warranty Spreadsheet o Review TAC Data o Discuss Next Steps	All	25 min
2. Round Table • Prioritize returns for future meetings / discussion • Next Meeting: o Wednesday, January 23rd at 3PM EST	All	5 min

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Stephen Farris/US/GM/GMC
01/10/2012 10:53 AM

To Brian T Marusak/US/GM/GMC@GM, DAVID P TASKY/US/GM/GMC@GM, Kris Sevel/US/GM/GMC@GM, S.M. N Hasan/US/GM/GMC@GM, gary.backs@gmch.com,
cc Daniel D. Cottrell/US/GM/GMC@GM
bcc
Subject Action Item list for BAS+

All,

Attached is the official action item list for the BAS+ BAPIM/APM warranty failures. Will use this document going forward to track all action items related to the PDT.

Please see "PCB Short Mount" tab for the items related to the loss of power for BPIM/APM. Looking to close all items by PDT tomorrow or have commitment date of closure.

Looking for people to be assigned to each item. Dave and Gary please go into list and assign people to each item and resend to distribution.

Fred, Brian and I have combined all our action items into this master list. Please use this list going forward, it will be reviewed at minimum in the PDT each week going forward.

S92_ActionItemList_10JAN12_AMS.xls

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Hybrid Powertrain Engineering
Cell: 248.515.2572

Stephen Farris/US/GM/GMC
01/10/2012 03:07 PM

To Brian T Marusak/US/GM/GMC@GM, DAVID P TASKY/US/GM/GMC@GM, Kris Sevel/US/GM/GMC@GM, S.M. N Hasan/US/GM/GMC@GM, gary.backs@gmch.com,
cc
bcc
Subject Updated: Action Item list for BAS+ BPIM/APM

All,

Thanks for meeting today. Updated AI list from 1:00 meeting today.

Please continue to complete the items for review at BPIM/APM PDT tomorrow. Also please forward as appropriate.

S92_ActionItemList_10JAN12_rev1.xls

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Hybrid Powertrain Engineering
Cell: 248.515.2572

Stephen Farris | All, Attached is the official action item... | 01/10/2012 10:53:45 AM

From: Stephen Farris/US/GM/GMC
To: Brian T Marusak/US/GM/GMC@GM, DAVID P TASKY/US/GM/GMC@GM, Kris Sevel/US/GM/GMC@GM, S.M. N Hasan/US/GM/GMC@GM, gary.backs@gmch.com, james.fortune@gmch.com, David.E.White@delphi.com, david.sharp@delphi.com, timothy.r.funk@delphi.com, Frederick Billotto/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Richard Ye/US/GM/GMC@GM, Ronald D. Weiss/US/GM/GMC@GM, Sean Bartolucci/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Ryan A Church/US/GM/GMC@GM, Bryan M Ludwig/US/GM/GMC@GM
Cc: Daniel D. Cottrell/US/GM/GMC@GM
Date: 01/10/2012 10:53 AM
Subject: Action Item list for BAS+

All,

Attached is the official action item list for the BAS+ BAPIM/APM warranty failures. Will use this document going forward to track all action items related to the PDT.

Please see "PCB Short Mount" tab for the items related to the loss of power for BPIM/APM. Looking to close all items by PDT tomorrow or have commitment date of closure.

Looking for people to be assigned to each item. Dave and Gary please go into list and assign people to each item and resend to distribution.

Fred, Brian and I have combined all our action items into this master list. Please use this list going forward, it will be reviewed at minimum in the PDT each week going forward.

[attachment "S92_ActionItemList_10JAN12_AMS.xls" deleted by Stephen Farris/US/GM/GMC]

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Hybrid Powertrain Engineering
Cell: 248.515.2572

"White, David E" <David.E.White@delphi.com>

01/11/2012 03:02 PM

To "Backs, Gary L" <gary.backs@gmch.com>, "Datta, Reena (GM)" <reena.datta@gm.com>, "Farris, Stephen (GM)" <stephen.farris@gm.com>, "Sevel, Kris (GM)"

cc "Backs, Gary L" <gary.backs@gmch.com>, "Funk, Timothy R." <Timothy.R.Funk@delphi.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>, "Fortune, James L"

bcc

Subject Control Board Shearing Report (inital Draft)

1 attachment

BAS+ control board shearing report.pdf

****
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****
****

Gary Backs
<gary.backs@gmch.com>

01/11/2012 06:13 PM

To bob.agresta@gm.com, brian.marusak@gm.com, charlotte.wallace@gm.com, daniel.d.cottrell@gm.com, davidp.1.tasky@gm.com, david.sharp@delphi.com,
cc Cole Buttry <cole.buttry@gmch.com>, Stephen Rouch <stephen.rouch@gmch.com>, James Fortune <james.fortune@gmch.com>, David Worthington
bcc

Subject eAssist No-Communication 4PM conference Presentation Material

4 attachments

eAssist Fastener Pos 27 FEA analysis.pdf

Copy of board placement stack up (2)-1.pdf

Copy of Final rack by ship location.xlsx

BAS+ Control Board Screw # 27 Presentation 01.11.11.pptx

Notes from the this afternoons call. I will provide the drawing outlines presented when available to me.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Kevin Diviney/US/GM/GMC
01/11/2013 07:58 AM

To Reena Datta/US/GM/GMC@GM, James Fortune <james.fortune@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>
cc
bcc
Subject Fw: Bas+ VIN 2G4GS5ER9D9[redacted] Shipped Prior to Screening; Campaign Completed

FYI. One more vehicle added to the BPIM field campaign.

Kevin Diviney
Global Program Quality Manager / Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

----- Forwarded by Kevin Diviney/US/GM/GMC on 01/11/2013 07:57 AM -----

From: Christopher Janik/US/GM/GMC
To: Laura M Slowiczek/C/US/GM/GMC@GM
Cc: Kevin Diviney/US/GM/GMC@GM, Kristin L Curran/US/GM/GMC@GM
Date: 01/11/2013 06:29 AM
Subject: Fw: Bas+ VIN 2G4GS5ER9D9[redacted] Shipped Prior to Screening; Campaign Completed

Laura,

Please add this one vehicle to the involved population. It appears to still be in dealer possession from what is shown in VIS.

Thanks!

Christopher Janik
Phone: 586-907-5098
VEC Podium: 2K2-12

----- Forwarded by Christopher Janik/US/GM/GMC on 01/11/2013 06:27 AM -----

From: Kevin Diviney/US/GM/GMC
To: Umar Corion/C/CA/GM/GMC@GM, Kristin L Curran/US/GM/GMC@GM, Christopher Janik/US/GM/GMC@GM
Cc: Christina Munro/C/CA/GM/GMC@GM, Dave G. Robinson/US/GM/GMC@GM, Eugene Arseneau/CA/GM/GMC@GM, james.fortune@gmch.com
Date: 01/10/2013 03:24 PM
Subject: Re: Bas+ VIN 2G4GS5ER9D9[redacted] Shipped Prior to Screening; Campaign Completed

Kristin,

Can you make sure this one is screened at the dealership or does it need to go through Chris Janik.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

Umar Corion | Kevin, We just completed the BAS+ s... | 01/10/2013 03:05:02 PM

From: Umar Corion/C/CA/GM/GMC
To: Kevin Diviney/US/GM/GMC@GM, james.fortune@gmch.com
Cc: Dave G. Robinson/US/GM/GMC@GM, Christina Munro/C/CA/GM/GMC@GM, Eugene Arseneau/CA/GM/GMC@GM
Date: 01/10/2013 03:05 PM
Subject: Bas+ VIN 2G4GS5ER9D[redacted] Shipped Prior to Screening; Campaign Completed

Kevin,
We just completed the BAS+ screening campaign this afternoon however it appears one vehicle got shipped last month prior to being screened. Not sure what action the team would like to take on this vehicle. The VIN is **2G4GS5ER9D9**[redacted]

Umar Corion
GMPT Regional Manager
GM Oshawa & CAMI
905-744-4540
905*102*4540
----- Forwarded by Umar Corion/C/CA/GM/GMC on 01/10/2013 02:36 PM -----

From: Christina Munro/C/CA/GM/GMC
To: Gen Auto Trailer <genauto@greeley.ca>
Cc: "christina.munro@ymail.com" <christina.munro@ymail.com>, "umar.corion@gm.com" <umar.corion@gm.com>
Date: 01/10/2013 02:34 PM
Subject: Re: Bas+ Reflash

This is the last car. This campaign is now closed.

From: Gen Auto Trailer <genauto@greeley.ca>
To: "umar.corion@gm.com" <umar.corion@gm.com>
Cc: "christina.munro@gm.com" <christina.munro@gm.com>, "christina.munro@ymail.com" <christina.munro@ymail.com>
Date: 01/10/2013 02:31 PM
Subject: Bas+ Reflash

VIN# 2G4 167117 has been reflashed and IRC'd. Can you confirm that this is the last car for this campaign? Adam

----- Forwarded by Umar Corion/C/CA/GM/GMC on 01/10/2013 02:37 PM -----

From: Christina Munro/C/CA/GM/GMC
To: Umar Corion/C/CA/GM/GMC@GM
Cc: jleonard@autowc.com, drobinson@autowc.com, Gen Auto Trailer <genauto@greeley.ca>
Date: 01/10/2013 11:45 AM
Subject: Re: Fw: Bas+

Car was delivered to dealer and never had an EH hold on it. It is no longer in GEPICs so I am unable to confirm if it had the hold in GEPICs. The car was at AWC for 7 days before it was shipped.

Car was delievered to dealer on Dec 14th.

Christina Munro

Quality Operations - Vehicle Priority
Oshawa Vehicle Assembly Plant
General Motors Canada
Mail Code: CA1-069-913
☎905-644-7546 Radio: 3325
Cell: 905-744-3325
e✉Christina.Munro@gm.com

Umar Corion | Number matches with what I have list... | 01/10/2013 11:28:33 AM

From: Umar Corion/C/CA/GM/GMC
To: Christina Munro/C/CA/GM/GMC@GM
Date: 01/10/2013 11:28 AM
Subject: Fw: Bas+

Number matches with what I have listed as yet to be done.

From: Gen Auto Trailer [genauto@greeley.ca]
Sent: 01/10/2013 04:24 PM GMT
To: Umar Corion
Cc: Christina Munro; "christina.munro@ymail.com" <christina.munro@ymail.com>
Subject: Bas+

The buick that was shipped without any record of hold or IRC is 2G4 165680. Adam

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit http://www.symanteccloud.com

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit http://www.symanteccloud.com

Gary Backs <gary.backs@gmch.com>

01/13/2012 02:19 PM

To Gary Backs <gary.backs@gmch.com>, bob.agresta@gm.com, brian.marusak@gm.com, charlotte.wallace@gm.com, Cole Buttry

cc

bcc

Subject eAssist No Communication Updates Post 12pm: 1/13/12 Conference Call

4 attachments

1-11-12-11 BAS Hole 27 Shear Short Warranty Shainin write up.pptx

BAS+ Screw Issue Presentation 01.13.11.pptx

Control board shear stress.pptx

FA Report for 28283668 short.ppt

Presentation material for today's noon call.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Reena Datta/US/GM/GMC
01/17/2012 01:52 PM

To david.sharp@delphi.com, Gary Backs <gary.backs@gmch.com>
cc Mehrdad Teimor/US/GM/GMC@GM, DAVID P TASKY/US/GM/GMC@GM, John Meyer III/US/GM/GMC@GM, Stephen Farris/US/GM/GMC@GM,
bcc
Subject Agenda for eAssist PCB Design Review in Kokomo (Jan 23-24)

Hi Dave, Hi Gary,

Please see the following agenda and list of meeting invitees for the eAssist PCB Design Review in Kokomo on Monday, January 23rd and Tuesday, 24th. Currently, I know that Mehrdad, Steve, John Meyer, and I will attend in person. Al Barry has submitted a travel request, which is still pending. Assuming his request is approved, let's plan to start at 9AM EST on Monday. If his request isn't approved, we can push the start time out to accommodate the Torrance team. Al, please let us know when you receive a response.

Please let Steve and me know if you have feedback on what's below.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

Agenda

Monday, January 23rd	
9AM-5PM EST	Review control and power board layouts, lessons learned, and recommended design changes
	Review validation plan and timing
Tuesday, January 24th	
9AM EST	Walk through build (with assembly in process)
following walk through	Process and quality review

Meeting Invitees

Dave Sharp, Gary Backs, please extend both required and optional attendance to appropriate Delphi and GMCH team members as deemed appropriate. Here is the starting point for required (To:) and optional attendees (Cc:):

Required Attendance
Mehrdad Teimor (GM)
Reena Datta (GM)
David Tasky (GM)
Stephen Farris (GM)
Brian Marusak (GM)
John Meyer (GM)
Al Barry (GM)
Bill Ivan (GM)
Phil Vorgias (GM)

Todd York (GM)
Daniel Cottrell (GM)

Dave Sharp (Delphi)
Dave White (Delphi)
Darrel Peugh (Delphi)

Gary Backs (GMCH)
Jim Fortune (GMCH)

Optional Attendance
Kris Sevel (GM)
Richard Ye (GM)

Gary Backs
<gary.backs@gmch.com>

01/22/2013 11:17 AM

To "Stephen Farris" <stephen.farris@gm.com>, reena.datta@gm.com
cc jacob.d.bylsma@gm.com
bcc
Subject Updated Timing for Bulk Capacitor Change

1 attachment

Bulk Cap Schedule 22JA13.mpp

I have updated the October schedule to reflect completion of EMC testing. All other testing is in process per the schedule reviewed weekly in the PDT.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Gary Backs
<gary.backs@gmch.com>

01/30/2013 09:19 AM

To margaret.siegrist@gm.com
cc "Stephen Farris" <stephen.farris@gm.com>, reena.datta@gm.com, jacob.d.bylsma@gm.com
bcc
Subject 30JA PET Update

1 attachment

eAssist PET Functional Self-Assessments 30JA13 GLB.pptx

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

"Sharp, David" <david.sharp@delphi.com>

02/03/2012 04:40 PM

To "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>

cc

bcc

Subject FW: Emailing: BAS plus PCB Stacks.pptx

1 attachment

BAS plus PCB Stacks.pptx

Darrel's presentation.

Let me know if this suffices. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com
-----Original Message-----
From: Peugh, Darrel E
Sent: Friday, February 03, 2012 4:13 PM
To: Sharp, David
Subject: Emailing: BAS plus PCB Stacks.pptx

The message is ready to be sent with the following file or link attachments:

BAS plus PCB Stacks.pptx

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.
****
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****
****

James Fortune
<james.fortune@gmch.com>

02/12/2013 10:18 AM

To jacob.d.bylsma@gm.com, "Stephen Farris" <stephen.farris@gm.com>, "reena datta" <reena.datta@gm.com>
cc kevin.diviney@gm.com, Gary Backs <gary.backs@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>, "Frederick Billotto"
bcc
Subject GMCH Kokomo Supply Base Quality info

1 attachment

GMCH Kokomo eAssist Supplier Issues.xls

Jake,

Per your request I have asked my supplier Quality engineer to put together a pareto of issues from our supply base since SOP. I ask that you keep this information confidential within GM.

Regards
Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

"Sharp, David" <david.sharp@delphi.com>

02/15/2012 12:48 PM

To '"stephen.farris@gm.com"' <stephen.farris@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>, "reena.datta@gm.com" <reena.datta@gm.com>
bcc
Subject RE: Crushed Board Implementation timing

Yes, option 2 includes option 1 items.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: stephen.farris@gm.com [mailto:stephen.farris@gm.com]
Sent: Wednesday, February 15, 2012 10:04 AM
To: Sharp, David
Cc: Backs, Gary L; reena.datta@gm.com
Subject: Re: Crushed Board Implementation timing

Dave, Gary,

Need to confirm if Option 2 has everything in Option 1 plus additional things? For example, in Option 1 the laminate stack will change for power board and cap board and maybe control board. Then in Option 2 it only states changing the laminate stack on control board. Just looking for some clarification. Thanks.

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Hybrid Powertrain Engineering
Cell: 248.515.2572

From: "Sharp, David" <david.sharp@delphi.com>
To: "reena.datta@gm.com" <reena.datta@Gm.Com>, "stephen.farris@gm.com" <stephen.farris@Gm.Com>
Cc: "Backs, Gary L" <gary.backs@gmch.com>
Date: 02/14/2012 12:09 PM
Subject: Crushed Board Implementation timing

Reena-
Last week you asked me for implementation timing for the options for the crushed board proposed changes. This is what Gary and I have come up with.

Please feel free to respond with questions/comments. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
********** [attachment "Crushed%20board%20change%20implementation%20timing%2014feb12[1].mpp" deleted by Stephen Farris/US/GM/GMC]

****
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****
****

Daniel Weaver
<daniel.weaver@gmch.com>

02/18/2013 12:23 PM

To reena.datta@gm.com
cc
bcc
Subject Re: BPIM/APM 542 - TAC case mentions an electrical buring odor

I will add it

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: Joseph Thompson <joseph.thompson@gmch.com>
From: reena.datta@gm.com
Date: 02/18/2013 11:48AM
Cc: Daniel Weaver <daniel.weaver@gmch.com>
Subject: Re: BPIM/APM 542 - TAC case mentions an electrical buring odor

Hi Joe,

Thank you for the update. No, no need to send it. Could that detail be added to its history? Dan, could you add it or should I ask Len?

Reena

From: Joseph Thompson <joseph.thompson@gmch.com>
To: "reena datta" <reena.datta@gm.com>, Daniel Weaver <daniel.weaver@gmch.com>
Date: 02/18/2013 11:14 AM
Subject: Re: BPIM/APM 542 - TAC case mentions an electrical buring odor

Reena, unit B542 P1AF6 was clean inside. Do you want us to send this one with the others.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----reena.datta@GM.com wrote: -----
To: Joseph Thompson <joseph.thompson@gmch.com>
From: reena.datta@GM.com
Date: 02/18/2013 10:26AM
Subject: BPIM/APM 542 - TAC case mentions an electrical buring odor

Hi Joe,

The return that we spoke about on Friday where the TAC history mentions an electrical burning odor was BPIM/APM 542. Could you please let me know if that unit was opened up and what was found?

Also for the Warranty Function Test data, it would be helpful if you could send the files before Wed, when we will have our next NTF meeting. We can discuss tomorrow too, when Steve and I are onsite in Kokomo.

Reena
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=

Joseph Thompson <joseph.thompson@gmch.com>

02/20/2013 01:57 PM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject BPIM537 FCT Log file

History: This message has been forwarded.

1 attachment

APM-BPIM NI SW2030v11.1 - returns 2030_Report[BPIM537][9 27 02 AM][1 3 2013].txt

Reena, attached is a the log file from BPIM537.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

"Turner, Steven R" <steven.r.turner@delphi.com>
02/21/2012 03:36 PM

To "reena.datta@GM.COM" <reena.datta@gm.com>
cc
bcc
Subject control board again

History: This message has been forwarded.

1 attachment

DRBBFM control bd 2_21_2012.xls

I wanted to merge some of the cells that needed to be merged. This is the same one I already sent you (control board)

****
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****
****

"Turner, Steven R" <steven.r.turner@delphi.com>

02/21/2012 04:50 PM

To "reena.datta@GM.COM" <reena.datta@gm.com>

cc

bcc

Subject Power board DRBFM, and explanation regarding the proposed new PCB stackup

History: This message has been replied to and forwarded.

2 attachments

DRBBFM power bd artwork changes.xls

2 Ply PCB Construction.pptx

****
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****
****

Reena Datta/US/GM/GMC
02/21/2012 05:14 PM

To Gary Backs <gary.backs@gmch.com>, "Sharp, David" <david.sharp@delphi.com>
cc Stephen Farris/US/GM/GMC@GM, Alan Barry/US/GM/GMC@GM, "Turner, Steven R" <steven.r.turner@delphi.com>, "Buehler, David P"
bcc
Subject Revised: eAssist PCB changes presentation for HPIT

Hi Everyone,

Please see the attached, revised HPIT presentation. I have received the files (DRBFMs and Darrel's slide) from Steve Turner. Steve Farris and I will discuss them tomorrow morning and we'll contact Steve Turner with questions. If you have feedback on the attached presentation, please let me know before 9:30AM EST tomorrow.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

eAssist(S92)_PCB-Changes-Due-to-Warranty-Returns_21Feb2012.pptx

"Sharp, David"
<david.sharp@delphi.com>
03/02/2012 11:22 AM

To "reena.datta@gm.com" <reena.datta@gm.com>, "stephen.farris@gm.com" <stephen.farris@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>
bcc
Subject Crushed board implementation timing (new option 1 testing)

History: This message has been forwarded.

1 attachment

Crushed board change implementation timing 02Mar12.mpp

Here is the new timing with option 1 testing. I have put the new stack testing and 3 Nm testing as subheaders under testing and that is being done in parallel with all of the release and other activities already scoped out in option 1. In order to get the new stack boards quickly, they will not have any artwork changes for the PTC testing. The released unit build will have all of the changes implemented.

Take a look, feel free to respond with any questions/comments.

Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

Gary Backs
<gary.backs@gmch.com>

03/05/2013 02:23 PM

To reena.datta@gm.com, Joseph Thompson <joseph.thompson@gmch.com>, stephen.farris@gm.com, "Spitznagle Brad W" <brad.w.spitznagle@delphi.com>,
cc
bcc
Subject Fw: Re: Red-X Examples / Templates

1 attachment

eAssist PV3 HTD Fault 5 Shutdown Project.ppt

for 2:30 call. This is just a first pass draft, but it has some of the background.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Gary Backs <gary.backs@gmch.com>
03/05/2013 04:35 PM

To reena.datta@gm.com
cc
bcc
Subject Re: Preliminary Draft

A very good start.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@GM.COM wrote: -----
To: Gary Backs <gary.backs@gmch.com>
From: reena.datta@GM.COM
Date: 03/05/2013 04:09PM
Subject: Preliminary Draft

Working on it - will send an updated version later tonight.

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=

[attachment "eAssist_HTD_Fault5_HPIT_Update_05Mar2013.pptx" removed by Gary Backs/GMch]

Gary Backs <gary.backs@gmch.com>

03/07/2013 01:26 PM

To reena.datta@gm.com

cc

bcc

Subject Fw: Re: Fw: BPIM/APM bulk cap production breakpoint delay due to stop order

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----Forwarded by Gary Backs/GMch on 03/07/2013 01:26PM -----
To: Gary Backs <gary.backs@gmch.com>
From: shinichiro.taki@gm.com
Date: 03/07/2013 11:56AM
Subject: Re: Fw: BPIM/APM bulk cap production breakpoint delay due to stop order

Gary,

Perfect! Thank you for your help.

Shin

From: Gary Backs <gary.backs@gmch.com>
To: shinichiro.taki@gm.com
Date: 2013/03/06 16:13
Subject: Re: Fw: BPIM/APM bulk cap production breakpoint delay due to stop order

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----shinichiro.taki@GM.COM wrote: -----
To: gary.backs@gmch.com
From: shinichiro.taki@GM.COM
Date: 03/05/2013 03:57PM
Cc: stephen.farris@GM.COM
Subject: Fw: BPIM/APM bulk cap production breakpoint delay due to stop order

Gary,

David Wright will be here, Michigan next week and we will have electrification review meeting on Wednesday, March 13th. I am working for presentation and I need update for Option3, bulk cap production. Can you please make 1 or 2 slide what is validation plans/status. I need pre-review entire my presentation with team end of this week and I really appreciate for your response by Thursday, 7th. I am sorry, but it is short notice. Thank you for your cooperation.

Shin
----- Forwarded by Shinichiro Taki/US/GM/GMC on 2013/03/05 15:51 -----

From: Stephen Farris/US/GM/GMC
To: Daniel D. Cottrell/US/GM/GMC@GM
Cc: Reena Datta/US/GM/GMC@GM, DAVID P TASKY/US/GM/GMC@GM, Shinichiro Taki/US/GM/GMC@GM, Todd M York/US/GM/GMC@GM, Frederick Billotto/US/GM/GMC@GM
Date: 2013/01/22 10:19
Subject: BPIM/APM bulk cap production breakpoint delay due to stop order

---

Dan,

In the PET and PDT for last two weeks (see PET presentation attached sheet 4) GMCH has communicated that the stop order will delay production breakpoint for new bulk cap design. This is due to GMCH making a last time buy of UCC bulk caps and plan to consume those parts before using the new bulk cap design now in validation. GMCH will provide an update on production break point when stop order lifted. Last week the stop order was at IMPL status.

Todd - Can we discuss this at HPIT to make everyone aware of this delay?

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Vehicle Engineering Center
Cell: 248.515.2572

-----Forwarded by Stephen Farris/US/GM/GMC on 01/22/2013 10:10AM -----
To: "Stephen Farris" <stephen.farris@gm.com>
From: Gary Backs <gary.backs@gmch.com>
Date: 01/22/2013 09:52AM
Subject: PET updates

(See attached file: eAssist PET Functional Self-Assessments 16aJA13 GLB.pptx)
(See attached file: eAssist PET Functional Self-Assessments 9JA13 GLB.pptx)

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com
=
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[attachment "eAssist PET Functional Self-Assessments 16aJA13 GLB.pptx" removed by Gary Backs/GMch]
[attachment "eAssist PET Functional Self-Assessments 9JA13 GLB.pptx" removed by Gary Backs/GMch][attachment "eAssist Shin Request.pptx" deleted by Shinichiro Taki/US/GM/GMC]

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=

Gary Backs
<gary.backs@gmch.com>
03/08/2013 03:50 PM

To reena.datta@gm.com, mehrdad.teimor@gm.com
cc
bcc
Subject Draft of Tech Review Material for the ride home

1 attachment

eAssist 2013 Crystal_Cost Reduction Design Change 11MR13 Technical Review A.pptx

Mehrdad,

Hopefully you will have the opportunity to preview this during the trip home.

There may be some minor changes prior to your arrival.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Daniel Weaver <daniel.weaver@gmch.com >

03/13/2013 02:30 PM

To reena.datta@gm.com
cc James Fortune <james.fortune@gmch.com>
bcc
Subject tracking list

1 attachment

2012 year end BPIM Powerpack TAC .xlsx

Here is a sheet that I update as we receive units from the warranty parts center. Column B indicates the GMCH tracking number or number of the shipping invoice used to get the part to GMCH.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

Gary Backs
<gary.backs@gmch.com>
03/13/2013 02:26 PM

To stephen.farris@gm.com
cc reena.datta@gm.com
bcc
Subject tech review

1 attachment

eAssist 2013 Crystal_Cost Reduction Design Change 11MR13 Technical Review A.pptx

the preliminary action item list is also included, but not finalized yet.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Daniel Weaver
<daniel.weaver@gmch.com>

03/14/2013 12:51 PM

To Daniel Weaver <daniel.weaver@gmch.com>
cc James Fortune <james.fortune@gmch.com>, kevin.diviney@gm.com, kristin.curran@gm.com, reena.datta@gm.com, stephen.farris@gm.com
bcc
Subject Re: Fw: Special Request EX0063194 Notification [ATTACHMENT REMOVED]

original cap and control board

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Daniel Weaver/GMch wrote: -----
To: stephen.farris@gm.com
From: Daniel Weaver/GMch
Date: 03/14/2013 12:50PM
Cc: James Fortune/GMch@GMch, kevin.diviney@gm.com, kristin.curran@gm.com, reena.datta@gm.com
Subject: Re: Fw: Special Request EX0063194 Notification

This was just post option 1 for power board still had the original control board in it.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----stephen.farris@gm.com wrote: -----
To: kristin.curran@gm.com
From: stephen.farris@gm.com
Date: 03/14/2013 11:51AM
Cc: kevin.diviney@gm.com, reena.datta@gm.com, daniel.weaver@gmch.com, james.fortune@gmch.com
Subject: Re: Fw: Special Request EX0063194 Notification

Ok, so if my dates are correct this was a unit with just Option 1, which was only the power board with 2-ply pre-preg. If this is not correct someone please correct me.

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Vehicle Engineering Center
Cell: 248.515.2572

-----Kristin L Curran/US/GM/GMC wrote: -----
To: Stephen Farris/US/GM/GMC@GM
From: Kristin L Curran/US/GM/GMC
Date: 03/14/2013 11:32AM
Cc: daniel.weaver@gmch.com, james.fortune@gmch.com, Kevin Diviney/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM
Subject: Re: Fw: Special Request EX0063194 Notification

Vehicle build date was 11/9/12.

Kristin L. Curran | *Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com

Stephen Farris---03/14/2013 11:22:25 AM---Is this just a post Option 1 or a post Option 1 & updated cap and control board with 2-ply prepreg?

From: Stephen Farris/US/GM/GMC
To: Kevin Diviney/US/GM/GMC@GM
Cc: Reena Datta/US/GM/GMC@GM, daniel.weaver@gmch.com, james.fortune@gmch.com, Kristin L

Curran/US/GM/GMC@GM
Date: 03/14/2013 11:22 AM
Subject: Re: Fw: Special Request EX0063194 Notification

Is this just a post Option 1 or a post Option 1 & updated cap and control board with 2-ply prepreg?

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Vehicle Engineering Center
Cell: 248.515.2572

-----Kevin Diviney/US/GM/GMC wrote: -----

To: Daniel Weaver <daniel.weaver@gmch.com>, Reena Datta/US/GM/GMC@GM, Stephen Farris/US/GM/GMC@GM
From: Kevin Diviney/US/GM/GMC
Date: 03/14/2013 09:11AM
Cc: James Fortune <james.fortune@gmch.com>, kristin.curran@gm.com
Subject: Re: Fw: Special Request EX0063194 Notification

Dan,

Need to review this one in the PDTs. This is a post option 1 return with isolation codes so it needs to have priority for analysis. Start with the standard non-destructive testing.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan
48340
Cube 2K08

Daniel Weaver ---03/13/2013 03:27:26 PM---This unit is at GMCH Kokomo. Do we need to treat this any different than other warranty returns? I

From: Daniel Weaver <daniel.weaver@gmch.com>
To: kristin.curran@gm.com
Cc: kevin.diviney@gm.com, James Fortune <james.fortune@gmch.com>
Date: 03/13/2013 03:27 PM
Subject: Re: Fw: Special Request EX0063194 Notification

This unit is at GMCH Kokomo. Do we need to treat this any different than other warranty

returns? I did notice this is a post option 1 part. GMCH tracking unit BPIM 616.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----kristin.curran@gm.com wrote: -----
To: daniel.weaver@gmch.com, kevin.diviney@gm.com
From: kristin.curran@gm.com
Date: 03/12/2013 08:49PM
Subject: Fw: Special Request EX0063194 Notification

FYI... Kokomo should have received this unit on Friday. This was the one had the P1E0C set on post option 1 breakpoint vehicle.

Kristin L. Curran|*Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com
----- Forwarded by Kristin L Curran/US/GM/GMC on 03/12/2013 08:45 PM -----

From: <warrantypartscenterusa@ups.com>
To: <kristin.curran@GM.COM>, <julie.cumo@GM.COM>, <warrantypartscenterusa@GM.COM>, <warrantypartscenterusa@ups.com>
Date: 03/08/2013 08:15 AM
Subject: Special Request EX0063194 Notification

INFORMATION E-MAIL ONLY. Please do not reply to this message.

Special Request EX0063194 has been received in the GM Warranty Parts Center and will be shipped per your instructions.

Received at WPC: 3-7-2013
Repair Order#: 683391

Dealer: HUSKER AUTO GROUP,INC.
Labor Code: N5875
Generator Control Module Replacement
Part Number: 12635717
VIN:
1G11F5SR3DF[redacted]
Comments: GCM

Ship To: GMCH Brian Fuller
2033 E. Boulevard
Plant 7
Mail Stop 9132
Attn: Dan Weaver (765) 451-8243
(765) 438-8652 Personal Cell

Kokomo,IN
USA
46904-9005

Carrier: FED EX
Tracking Number: [redacted]

Request Type: Shipped

Julie Cumo
GM WPC Administrator
248-371-9939

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=
This attachment was removed from this location in this message.

Name: Image.1363276240966.gif
Type: image/gif
Size: 2252

This attachment was removed from this location in this message.

Name: Image.1363276240967.gif
Type: image/gif
Size: 2840

This attachment was removed from this location in this message.

Name: Image.1363276240968.gif
Type: image/gif
Size: 1430

"White, David E" <David.E.White@delphi.com>

03/15/2012 04:12 PM

To "Billotto, Fred (GM)" <frederick.billotto@gm.com>, "Farris, Stephen (GM)" <stephen.farris@gm.com>, "Datta, Reena (GM)" <reena.datta@gm.com>, "Ye, Richard (GM)"
cc "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>
bcc
Subject BAS+ APM Field Failure.pptx

1 attachment

BAS+ APM Field Failure.pptx

****
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****
****

Joseph Thompson <joseph.thompson@gmch.com>

03/15/2013 02:58 PM

To Daniel Weaver <daniel.weaver@gmch.com>, kevin.diviney@gm.com, kristin.curran@gm.com, James Fortune <james.fortune@gmch.com>, Gary Backs

cc

bcc

Subject Re: BPIM 616 - Special Request EX0063194 Notification [ATTACHMENT REMOVED]

BPIM 616 was initially checked with an ohm meter for isolation at the HV terminals and it checked OK. I performed the typical memory dump and bench checkout including active and passive isolation checks and no issues were found. The unit was then tested at our production functional test and passed. I heated the unit to 70 DegC and repeated the bench tool active and passive isolation checks without failure. We can discuss in more detail at Wednesdays PDT.

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----Daniel Weaver/GMch wrote: -----
To: Joseph Thompson/GMch@GMch
From: Daniel Weaver/GMch
Date: 03/14/2013 09:37AM
Subject: BPIM 616

Joe placed this unit on shelf yesterday. BPIM 616. Needs priority

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Forwarded by Daniel Weaver/GMch on 03/14/2013 09:36AM -----
To: Daniel Weaver <daniel.weaver@gmch.com>, reena.datta@gm.com, stephen.farris@gm.com
From: kevin.diviney@gm.com
Date: 03/14/2013 09:12AM
Cc: James Fortune <james.fortune@gmch.com>, kristin.curran@gm.com
Subject: Re: Fw: Special Request EX0063194 Notification

Dan,

Need to review this one in the PDTs. This is a post option 1 return with isolation codes so it needs to have priority for analysis. Start with the standard non-destructive testing.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

From: Daniel Weaver <daniel.weaver@gmch.com>
To: kristin.curran@gm.com
Cc: kevin.diviney@gm.com, James Fortune <james.fortune@gmch.com>
Date: 03/13/2013 03:27 PM
Subject: Re: Fw: Special Request EX0063194 Notification

This unit is at GMCH Kokomo. Do we need to treat this any different than other warranty returns? I did notice this is a post option 1 part. GMCH tracking unit BPIM 616.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----kristin.curran@gm.com wrote: -----
To: daniel.weaver@gmch.com, kevin.diviney@gm.com
From: kristin.curran@gm.com
Date: 03/12/2013 08:49PM
Subject: Fw: Special Request EX0063194 Notification

FYI... Kokomo should have received this unit on Friday. This was the one had the P1E0C set on post option 1 breakpoint vehicle.

Kristin L. Curran|*Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com
----- Forwarded by Kristin L Curran/US/GM/GMC on 03/12/2013 08:45 PM -----

From: <warrantypartscenterusa@ups.com>
To: <kristin.curran@GM.COM>, <julie.cumo@GM.COM>, <warrantypartscenterusa@GM.COM>, <warrantypartscenterusa@ups.com>
Date: 03/08/2013 08:15 AM
Subject: Special Request EX0063194 Notification

INFORMATION E-MAIL ONLY. Please do not reply to this message.

Special Request EX0063194 has been received in the GM Warranty Parts Center and will be shipped per your instructions.

Received at WPC: 3-7-2013
Repair Order#: 683391
Dealer: HUSKER AUTO GROUP,INC.
Labor Code: N5875 Generator Control Module Replacement
Part Number: 12635717
VIN: 1G11F5SR3DF[redacted]
Comments: GCM

Ship To: GMCH
Brian Fuller
2033 E. Boulevard
Plant 7
Mail Stop 9132
Attn: Dan Weaver (765) 451-8243

(765)
438-8652 Personal Cell

Kokomo,IN
USA

46904-9005

Carrier: FED EX
Tracking Number: [redacted]

Request Type: Shipped

Julie Cumo
GM WPC Administrator
248-371-9939

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This attachment was removed from this location in this message.

Name: Image._1_0B2009E40B20061000487BAF85257B2E.gif
Type: image/gif
Size: 2318

This attachment was removed from this location in this message.

Name: Image._1_0B2010E00B200CE000487BAF85257B2E.gif
Type: image/gif
Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0B201BDC0B20180800487BB285257B2E.gif
Type: image/gif
Size: 1496

Daniel Weaver
<daniel.weaver@gmch.com>

03/20/2013 04:26 PM

To reena.datta@gm.com
cc len.chalawa@gm.com
bcc
Subject p16AF

1 attachment

p1a6f .xlsx

Will try to filter again and see how I came up with more units before.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

"Sharp, David" <david.sharp@delphi.com>

03/21/2012 03:23 PM

To "reena.datta@gm.com" <reena.datta@gm.com>, "stephen.farris@gm.com" <stephen.farris@gm.com>

cc "Backs, Gary L" <gary.backs@gmch.com>, "Turner, Steven R" <steven.r.turner@delphi.com>

bcc

Subject Propopsed changes for bulk cap

1 attachment

Bulk Cap Change Tracker.xlsx

We presented this in the 3/14 pdt. I have asked for a presentation on the yellow highlighted items outlining:

- A schematic showing the affected part(s)
- A description of the part functionality in the circuit and the circuit's impact on the unit performance.
- A comparative table of the old part and new part performance/specs – either outling the differences (highlighted) or showing the commonality.
- A comparative footprint of the part and how it may or may not affect layout.
- Any testing data/information that may be available (I know that there is definitely information available on #15 (currently utilized on the APM program….).

Let me know if you have any questions. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

Len Chalawa/US/GM/GMC
03/28/2013 01:22 PM

To Reena Datta/US/GM/GMC@GM, "Weaver, Daniel J" <daniel.weaver@gmch.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>
cc
bcc
Subject Fw: eAssist - Post Option 1.5 Returns

History: This message has been replied to.

Sorry, correct BPIM-628

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

----- Forwarded by Len Chalawa/US/GM/GMC on 03/28/2013 01:22 PM -----

From: Len Chalawa/US/GM/GMC
To: Reena Datta/US/GM/GMC@GM
Cc: "Weaver, Daniel J" <daniel.weaver@gmch.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>
Date: 03/28/2013 01:02 PM
Subject: Re: eAssist - Post Option 1.5 Returns

yes, only one ≥ than 2347 option 1.5
post 1.5 = #625
when you get a chance, would like to talk about BPIM-537, MPG unit, next steps

---
Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Reena Datta Hi Len, Hi Dan, Could you please conf... 03/28/2013 12:47:27 PM

From: Reena Datta/US/GM/GMC
To: Len Chalawa/US/GM/GMC@GM, Daniel Weaver <daniel.weaver@gmch.com>
Date: 03/28/2013 12:47 PM
Subject: eAssist - Post Option 1.5 Returns

Hi Len, Hi Dan,

Could you please confirm that to-date there is just one Post Option 1.5 return (BPIM 628 with P1A6F) that has been received in Kokomo?

Thank you,
Reena

"Daniel Weaver"
<daniel.weaver@gmch.com>

03/30/2013 09:45 AM

To reena.datta@gm.com
cc len.chalawa@gm.com, Daniel Weaver <daniel.weaver@gmch.com>
bcc
Subject Re: eAssist - Post Option 1.5 Returns

Correct bpim628

-----reena.datta@gm.com wrote: -----

==========
To: len.chalawa@gm.com, Daniel Weaver <daniel.weaver@gmch.com>
From: reena.datta@gm.com
Date: 03/28/2013 11:48AM
Subject: eAssist - Post Option 1.5 Returns
==========
Hi Len, Hi Dan,

Could you please confirm that to-date there is just one Post Option 1.5 return (BPIM 628 with P1A6F) that has been received in Kokomo?

Thank you,
Reena

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"Sharp, David"
<david.sharp@delphi.com>
04/03/2012 04:18 PM

To Frederick Billotto/US/GM/GMC <frederick.billotto@gm.com>, "Carrie Harvey/US/GM/GMC" <carrie.harvey@gm.com>, "White, David E"

cc

bcc

Subject RE: Invitation: eAssist Fairfax Powerpack Return Failure Analysis (Conference Call: 866-297-2155 Code 6866187, Webex link provided below) (Apr 3 03:00 PM EDT)

History: This message has been forwarded.

1 attachment

BAS plus fail_evidence number 67959.ppt

Attached is the presentation that was shared today...

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

-----Original Appointment-----
From: Frederick Billotto/US/GM/GMC [mailto:frederick.billotto@gm.com]
Sent: Monday, April 02, 2012 10:41 AM
To: Carrie Harvey/US/GM/GMC; White, David E; Buehler, David P; Sharp, David; Backs, Gary L; Jacob D Bylsma/US/GM/GMC; Fortune, James L; Thompson, Joseph E; Kevin Diviney/US/GM/GMC; Mehrdad Teimor/US/GM/GMC; Melani Thomas/US/GM/GMC; Reena Datta/US/GM/GMC; Richard Ye/US/GM/GMC; Shinichiro Taki/US/GM/GMC; Stephen Farris/US/GM/GMC; Tony J. Saliga/US/GM/GMC
Subject: Invitation: eAssist Fairfax Powerpack Return Failure Analysis (Conference Call: 866-297-2155 Code 6866187, Webex link provided below) (Apr 3 03:00 PM EDT)
When: Tuesday, April 03, 2012 3:00 PM-4:00 PM Eastern.
Where:

Agenda:

1.) Review Delphi failure analysis report. Including the findings from the x-ray and cross-section analysis.
2.) FL pack preliminary FA results.

Meeting information

Topic: FFX Return APM/BPIM FA
Date: Tuesday, April 3, 2012
Time: 3:00 pm, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 969 259 294
Meeting Password: 6866187

To start or join the online meeting

Go to
https://gm.webex.com/gm/j.php?ED=192425367&UID=490912533&PW=NOGE0ZGY0ZTA2&RT=MiMxMQ%3D%3D

Teleconference information

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:
Call-in toll-free number (ATT Audio Conference): 1-8662972155 (US)
Show global numbers:
https://www.teleconference.att.com/servlet/glbAccess?process=1&accessNumber=8662972155&accessCode=6866187&accessNumber2=
Host access code: 3375
Attendee access code: 686 618 7

For assistance
---
1. Go to https://gm.webex.com/gm/mc
2. On the left navigation bar, click "Support".
To add this meeting to your calendar program (for example Microsoft Outlook), click this link:
https://gm.webex.com/gm/j.php?ED=192425367&UID=490912533&ICS=MS&LD=1&RD=2&ST=1&SHA2=DrLf5H9I88l42LxgNdxKnmAmPakuY92iYhSpDXWwwes=

To check whether you have the appropriate players installed for UCF (Universal Communications Format) rich media files, go to https://gm.webex.com/gm/systemdiagnosis.php

http://www.webex.com

IMPORTANT NOTICE: This WebEx service includes a feature that allows audio and any documents and other materials exchanged or viewed during the session to be recorded. You should inform all meeting attendees prior to recording if you intend to record the meeting. Please note that any such recordings may be subject to discovery in the event of litigation. << File: ATT00002.htm >> << File: c104048.ics >>

****
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received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.
****

"Sharp, David"
<david.sharp@delphi.com>

04/04/2012 04:44 PM

To "reena.datta@gm.com" <reena.datta@gm.com>,
"stephen.farris@gm.com" <stephen.farris@gm.com>,
"mehrdad.teimor@gm.com" <mehrdad.teimor@gm.com>
cc
bcc
Subject timing for option 1

1 attachment

Crushed Board Implementation Timing 20Mar12.pdf

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

"White, David E" <David.E.White@delphi.com >

04/04/2012 09:02 AM

To "len.chalawa@gm.com" <len.chalawa@gm.com>

cc "Sharp, David" <david.sharp@delphi.com>, "Billotto, Fred (GM)" <frederick.billotto@gm.com>, "Lotfalian, Hossein T" <hossein.lotfalian@gmch.com>, "Johnson, Jerry A"

bcc

Subject RE: Warranty Return from Florida [ATTACHMENT REMOVED]

Received in BAS+ CPE Lab

TAC 71-1043958431
PACK P/N 22916841 S/N LQ68414112011144

From FIS Records, BPIM= LP96734112011046
From FIS Records, no rework reported at Pack or BPIM levels.

From: len.chalawa@gm.com [mailto:len.chalawa@gm.com]
Sent: Tuesday, April 03, 2012 10:15 AM
To: White, David E
Cc: Sharp, David; Billotto, Fred (GM); Lotfalian, Hossein T; Johnson, Jerry A; Thompson, Joseph E; Chalawa, Len; Datta, Reena (GM)
Subject: Re: Warranty Return from Florida

Items coming in -

Log -

The 2013 Malibu: Florida / 58431 case, 79015 case - coming in / we already have the first 2013 Malibu Pack: see column B full TAC narative. Here is a seperate TAC Case for the Florida - it contains the same

here is also 51735

If yo ureceive the packs - please inform me what TAC case & date received.
I will then log the case and detai lfrom the TAC information in the tracking spreadsheet.

Thanks

Len Chalawa

Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

From: "White, David E" <David.E.White@delphi.com>
To: "Chalawa, Len" <len.chalawa@gmch.com>, "len.chalawa@gm.com" <len.chalawa@gm.com>, "Datta, Reena (GM)" <reena.datta@gm.com>, "Billotto, Fred (GM)" <frederick.billotto@gm.com>
Cc: "Nichols, Mark A" <mark.a.nichols@delphi.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>, "Lotfalian, Hossein T" <hossein.lotfalian@gmch.com>, "Johnson, Jerry A" <jerry.johnson@gmch.com>, "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>
Date: 04/03/2012 09:31 AM
Subject: Warranty Return from Florida

Can anyone provide advance info on BPIM being returned to GMCH-Kokomo from Florida today?

Perhaps we already have this, but Joe Thompson is out this week and he may have the info, but I do not.

Thanks in Advance,

David E. White Senior Project Engineer
Delphi Electronics & Safety Systems
Kokomo, IN USA
Mail Stop CLLE
Phone (765) 451-3798
Fax (765) 451-0137
Internet: david.e.white @ delphi.com

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****
****

This attachment was removed from this location in this message.

Name: image001.gif
Type: image/gif
Size: 31125

"Sharp, David" <david.sharp@delphi.com>
04/05/2012 02:22 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc
bcc
Subject RE: Meeting today

Sure, we can talk then

Thanks, you too.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Thursday, April 05, 2012 2:15 PM
To: Sharp, David
Subject: Re: Meeting today

Hi Dave,

Thank you for the update. A 1PM call on Monday works for me - I'm sure Fred will send out the invite soon.

Are you able to talk briefly after our meeting on Monday about putting together a management summary for voltage levels seen in the region of the power board where most damage resides? Hopefully it just takes a few minutes to get the wording worked through. Please let me know.

Hope you enjoy the holiday weekend,

Reena

From: "Sharp, David" <david.sharp@delphi.com>
To: "frederick.billotto@gm.com" <frederick.billotto@gm.com>, "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>
Cc: "Evarian, Thomas Andrew" <Thomas.Andrew.Evarian@delphi.com>, "Buehler, David P" <david.p.buehler@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>, "White, David E" <David.E.White@delphi.com>, "Townsend, Terry A" <terry.a.townsend@delphi.com>, "Turner, Steven R" <steven.r.turner@delphi.com>
Date: 04/05/2012 01:54 PM
Subject: Meeting today

Fred-

I just talked with Tom - while he has been working on the unit, he will likely not be finished by 4PM for a call.

I would recommend a call for 1PM on Monday as was discussed yesterday.

Please let me know if there is a problem with that. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

"Sharp, David"
<david.sharp@delphi.com>
04/09/2012 04:04 PM

To "stephen.farris@gm.com" <stephen.farris@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>, "reena.datta@gm.com" <reena.datta@gm.com>, "Miller, David E" <david.e.miller@gmch.com>
bcc
Subject Timing for Option 1

History: This message has been replied to.

2 attachments

Crushed Board Implementation Timing Option 1 09Apr12.pdf

Crushed Board Implementation Timing Option 1 09Apr12.mpp

Steve-
Attached is the update timing for option 1 changes.

Let me know if you have any questions. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

"Sharp, David"
<david.sharp@delphi.com>

04/09/2012 04:07 PM

To "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>
bcc
Subject Bulk Cap Timing

1 attachment

Bulk Cap Replacement Plan 09apr12.mpp

Steve-
Attached is the updated Bulk Cap Change Timing. Please note that addition of line 53 outline when changes need customer (GM) approval.

Let me know if you have any questions. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

"Sharp, David" <david.sharp@delphi.com>
04/09/2012 04:16 PM

To Frederick Billotto/US/GM/GMC <frederick.billotto@gm.com>, "White, David E" <David.E.White@delphi.com>, "Buehler, David P"
cc Carrie Harvey/US/GM/GMC <carrie.harvey@gm.com>, Melani Thomas/US/GM/GMC <melani.thomas@gm.com>
bcc
Subject RE: Broadcast: eAssist Fairfax Powerpack Return Failure Analysis (Conference Call: 866-297-2155 Code 6866187, Webex link provided below) (Apr 9 01:00 PM EDT)

History: This message has been forwarded.

1 attachment

BAS plus Fairfax Fail.ppt

Presentation Tom shared today.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

-----Original Appointment-----
From: Frederick Billotto/US/GM/GMC [mailto:frederick.billotto@gm.com]
Sent: Thursday, April 05, 2012 3:15 PM
To: White, David E; Buehler, David P; Sharp, David; Backs, Gary L; Jacob D Bylsma/US/GM/GMC; Fortune, James L; Thompson, Joseph E; Kevin Diviney/US/GM/GMC; Nichols, Mark A; Mehrdad Teimor/US/GM/GMC; Reena Datta/US/GM/GMC; Richard Ye/US/GM/GMC; Shinichiro Taki/US/GM/GMC; Stephen Farris/US/GM/GMC
Cc: Carrie Harvey/US/GM/GMC; Melani Thomas/US/GM/GMC
Subject: Broadcast: eAssist Fairfax Powerpack Return Failure Analysis (Conference Call: 866-297-2155 Code 6866187, Webex link provided below) (Apr 9 01:00 PM EDT)
When: Monday, April 09, 2012 1:00 PM-2:00 PM Eastern.
Where:

Meeting information

Topic: APM Failure Analysis
Date: Monday, April 9, 2012
Time: 1:00 pm, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 969 119 237
Meeting Password: 6866187

To start or join the online meeting

Go to
https://gm.webex.com/gm/j.php?ED=192588672&UID=490912533&PW=NOWQ3NTI3Y2Nh&RT=MiMxMQ%3D%3D

Teleconference information

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:
Call-in toll-free number (ATT Audio Conference): 1-8662972155 (US)
Show global numbers:
https://www.teleconference.att.com/servlet/glbAccess?process=1&accessNumber=8662972155&accessCode=6866187&accessNumber2=
Host access code: 3375
Attendee access code: 686 618 7

For assistance
---
1. Go to https://gm.webex.com/gm/mc
2. On the left navigation bar, click "Support".
To add this meeting to your calendar program (for example Microsoft Outlook), click this link:
https://gm.webex.com/gm/j.php?ED=192588672&UID=490912533&ICS=MS&LD=1&RD=2&ST=1&SHA2=3AaciqhmnGnoWcnDCRaMqr72p/v-YOqt9tR8yuxoARg=

To check whether you have the appropriate players installed for UCF (Universal Communications Format) rich media files, go to https://gm.webex.com/gm/systemdiagnosis.php

http://www.webex.com

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****
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****
****

Gary Backs
<gary.backs@gmch.com>

04/10/2012 04:35 PM

To stephen.farris@gm.com, reena.datta@gm.com, Timothy.R.Funk@delphi.com, david.sharp@delphi.com, "David E. Miller" <david.e.miller@gmch.com>, "White David

cc

bcc

Subject eAssist APM/BPIM Pedestal Modification Technical / Readiness Review

1 attachment

eAssist Pedestal Technical Review 27MR12.ppt

Following is the slide deck used during this afternoon's review.

A single action item was recorded and a final response provided during the review:

- Provide an updated timeline for implementation based on the vendor's having PM issues and downtime associated with casting machining. RESPONSE: Provided by G.Pearson (AQE) during the call; "the vendor is holding to the initial implementation schedule as defined in the review".

Participants:
GM: R.Datta, S.Farris, B.Marusak
DPH: T.Funk, D.Sharp, D.White
GMCH: G.Backs, D.Miller, J.Fortune, G.Pearson

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

"Funk, Timothy R." <Timothy.R.Funk@delphi.com>

04/11/2012 03:47 PM

To "Funk, Timothy R." <Timothy.R.Funk@delphi.com>, "todd.m.york@gm.com" <todd.m.york@gm.com>
cc "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>, "Sharp, David" <david.sharp@delphi.com>
bcc
Subject RE: Omega hole analysis

1 attachment

screw analysis.pptx

Todd,
Reena told me that the pictures did not come through so I put in power point and attached.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

From: Funk, Timothy R.
Sent: Wednesday, April 11, 2012 3:43 PM
To: todd.m.york@gm.com
Cc: 'stephen.farris@gm.com'; reena.datta@gm.com; Sharp, David
Subject: Omega hole analysis

Todd,
Steve Farris requested I send this data to you. The stress in the cir bd is less with the omega hole than the “U” shaped hole since there is more cir bd surface area.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

****
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received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.
****

"White, David E" <David.E.White@delphi.com>

04/12/2012 04:39 PM

To "Datta, Reena (GM)" <reena.datta@gm.com>, "Farris, Stephen (GM)" <stephen.farris@gm.com>, "Teimor, Mehrdad (GM)" <mehrdad.teimor@gm.com>, "Billotto, Fred

cc "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>

bcc

Subject Tom Evarian's Presentation 4/12/2012

1 attachment

BAS plus fail_evidence number 67959 update2.pdf

****
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****
****

Joseph Thompson <joseph.thompson@gmch.com>

04/16/2013 11:38 AM

To "reena datta" <reena.datta@gm.com>

cc Daniel Weaver <daniel.weaver@gmch.com>, "len chalawa" <len.chalawa@gm.com>

bcc

Subject Re: BPIM #537

Reena, I have not received this unit.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----reena.datta@gm.com wrote: -----
To: Joseph Thompson <joseph.thompson@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>
From: reena.datta@gm.com
Date: 04/16/2013 09:30AM
Cc: len.chalawa@gm.com
Subject: BPIM #537

Hi Joe, Hi Dan,

Have you received BPIM #537 yet? This was the BPIM that was shipped to MPG for testing. Rick was able to get P0C0B to set twice in a vehicle. Next step is to duplicate on the bench. Please let me know if you have not received it and I will check with the MPG team.

Thank you,
Reena

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=

"Nichols, Mark A" <mark.a.nichols@delphi.com>

04/17/2012 08:43 AM

To "frederick.billotto@gm.com" <frederick.billotto@gm.com>, "Sharp, David" <david.sharp@delphi.com>, "Backs, Gary L" <gary.backs@gmch.com>, "White, David E"

cc "mehrdad.teimor@gm.com" <mehrdad.teimor@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>, "stephen.farris@gm.com" <stephen.farris@gm.com>,

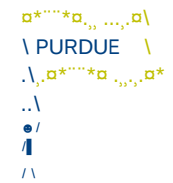
bcc

Subject RE: Saint Cloud, MN 71-1057120754 FSE Meeting - MML 866-340-2763 access code 4703103. [ATTACHMENT REMOVED]

I am acknowledging Fred' s request to be on the teleconference at 12 PM. I will attended.

Mark Nichols

Systems Engineer- Hybrid Vehicle Electronics Systems
Delphi Electronics & Safety Systems
2151 E Lincoln Road
Kokomo, IN USA
Mail Stop: D35
Kokomo, IN USA
Email: mark.a.nichols@delphi.com
Office: 765.451.3280
FAX: 765.451.3780



From: frederick.billotto@gm.com [mailto:frederick.billotto@gm.com]
Sent: Monday, April 16, 2012 5:01 PM
To: Sharp, David; Backs, Gary L; White, David E
Cc: mehrdad.teimor@gm.com; reena.datta@gm.com; stephen.farris@gm.com; kevin.diviney@gm.com; Thompson, Joseph E; Nichols, Mark A; Miller, David E; carrie.harvey@gm.com
Subject: Fw: Saint Cloud, MN 71-1057120754 FSE Meeting - MML 866-340-2763 access code 4703103.

Dave and Gary,

We have an opportunity to talk directly with the Field Service Engineer investigating the Powerpack in MN that exhibits the same failure mode as the units currently undergoing failure analysis at Delphi. Please make sure that your key team members attend this meeting at noon tomorrow, are prepared with questions, and have reviewed the TAC report thoroughly. I've attached it here for your reference. We need to make the most of this opportunity. Thank you in advance for your support.

Regards,

Fred Billotto
Senior Project Engineer

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Hybrid Energy Storage

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

----- Forwarded by Frederick Billotto/US/GM/GMC on 04/16/2012 04:48 PM -----

Saint Cloud, MN 71-1057120754 FSE Meeting - MML 866-340-2763 access code 4703103.

Tue 04/17/2012 12:00 PM - 1:00 PM

Attendance is for Frederick Billotto

Chair: Carrie Harvey/US/GM/GMC

No Location Information

Required: Frederick Billotto/US/GM/GMC@GM, Mark W. Wright/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM
Optional: Kevin Diviney/US/GM/GMC@GM, Milton Martinez/US/GM/GMC@GM

Meet with the FSE Reuben Gosewisch about TAC Case [redacted]

The call-in number is 866-340-2763 with access code 4703103.

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Type: image/gif
Size: 2391

This attachment was removed from this location in this message.

Name: image002.gif
Type: image/gif
Size: 2979

This attachment was removed from this location in this message.

Name: image003.gif
Type: image/gif
Size: 1568

James Fortune <james.fortune@gmch.com>

04/18/2013 02:31 PM

To "Stephen Farris" <stephen.farris@gm.com>, "reena datta" <reena.datta@gm.com>

cc

bcc

Subject Updates as to SPCR 0043 HV_Standby_Current BPIM test limit update

1 attachment

SPCR 0043 BAS+ APM_BPIM Functional Test 50030 HV_Standby_Current Limit Change.xls

Steve, Reena,

Per our discussion in the PDT yesterday, I made some updates based on Dan Schroeder and Dave Buehler's comments.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

"Sharp, David" <david.sharp@delphi.com>
04/20/2012 01:20 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc "mehrdad.teimor@gm.com" <mehrdad.teimor@gm.com>
bcc
Subject RE: Update on Option 1

They are.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Friday, April 20, 2012 1:15 PM
To: Sharp, David
Cc: mehrdad.teimor@gm.com
Subject: RE: Update on Option 1

Hi Dave,

Thank you for the quick response. So the next steps on the activities below would be:

- Build the control / power boards (4 week duration) as soon as the PO is processed;
- Tri-temp testing on the new stack power boards, beginning next week; and
- Post-torque analysis of the boards that will complete the Jim Henry test on Monday?

Mehrdad, Dave's one pager on timing is attached below for your reference.

Reena

From: "Sharp, David" <david.sharp@delphi.com>
To: "reena.datta@gm.com" <reena.datta@gm.com>
Cc: "mehrdad.teimor@gm.com" <mehrdad.teimor@gm.com>
Date: 04/20/2012 01:06 PM
Subject: RE: Update on Option 1

Update below

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780

email: david.sharp@delphi.com

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Friday, April 20, 2012 12:49 PM
To: Sharp, David
Cc: mehrdad.teimor@gm.com
Subject: Update on Option 1

Hi Dave,

Could you please let Mehrdad and me know the status of the following Option 1 activities?

- Control Board / Power Board Layout - planned completion Apr 17 Completed. Artwork at supplier. Awaiting quote in order to process PO.
- Testing: New Stack Power Board, Build Units (3 units) - planned completion Apr 20 Completed
- Testing: 3Nm torque on all screws, Jim Henry Test - planned completion Apr 23 Units built and put in chamber. Scheduled to come out of chamber at 9:30AM on 4/23.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137
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****
****

"Funk, Timothy R." <Timothy.R.Funk@delphi.com>

04/20/2012 01:03 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc "stephen.farris@gm.com" <stephen.farris@gm.com>
bcc
Subject RE: extra analysis requested [ATTACHMENT REMOVED]

1 attachment

Analysis pictures.pptx

Reena,
Sorry. Here is power point with pictures.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Friday, April 20, 2012 12:38 PM
To: Funk, Timothy R.
Subject: Re: extra analysis requested [ATTACHMENT REMOVED]

Hi Tim,

Thanks for your email. Unfortunately, the attachment was removed again. Could you please copy to a PPT file and resend? I will review and try to figure out how to summarize the findings.

Reena

From: "Funk, Timothy R." <Timothy.R.Funk@delphi.com>
To: "reena.datta@gm.com" <reena.datta@gm.com>
Cc: "stephen.farris@gm.com" <stephen.farris@gm.com>, "Sharp, David" <david.sharp@delphi.com>
Date: 04/20/2012 11:24 AM
Subject: extra analysis requested [ATTACHMENT REMOVED]

Reena,
Attached is the only other data I have for this cir bd analysis. It is not what you want. It was to show how much lower the sheer stress is going to 3.0Nm from 4.5Nm. The washer is flat and not the crest cup shape so it cannot be compared to the analysis you already have.

The larger surface area will be lower stress since related to area but I do not have analysis showing that or able to provide % drop either.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

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****

This attachment was removed from this location in this message.

Name: 3.png
Type: image/png
Size: 44425

This attachment was removed from this location in this message.

Name: 4.5.png
Type: image/png
Size: 46534

This attachment was removed from this location in this message.

Name: geom.png
Type: image/png
Size: 29585

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****
****

Joseph Thompson <joseph.thompson@gmch.com>

04/25/2012 01:39 PM

To Hossein Lotfalian <hossein.lotfalian@gmch.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, Daniel Weaver

cc

bcc

Subject Minnesota Warranty 43 initial pictures

3 attachments

War43 025rs.jpg

War43 022rs.jpg

War43 024rs.jpg

Attached are initial pictures of the Minnesota return (warranty 43) TAC 7[redacted] The control board has not been removed at this time.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

"Gary Backs" <gary.backs@gmch.com>
04/28/2013 09:09 PM

To reena.datta@gm.com
cc
bcc
Subject Re: Lot Sizes

History: This message has been replied to.

There will be Varian in lot size by the fabricator. We may have some but not all since sop. Jim will be the best source

reena.datta@gm.com --- Re: Lot Sizes ---

From: "" <reena.datta@gm.com>
To "" <sean.gleason@gm.com>
Cc "Gary Backs" <gary.backs@gmch.com>, "" <mehrdad.teimor@gm.com>, "" <sean.gleason@gm.com>
Date: Sun, Apr 28, 2013 9:04 PM
Subject Re: Lot Sizes

Hi Sean,

I had a very old slide from Jim Fortune, shown below. He highlights two suspect lots that had about 5000 boards each. There may be other board lots that Jim has identified since this slide was created.

In the presentation that Stephen Poulos just sent, he shows 36,331 vehicles in Bucket B (sold and unsold).

Reena

Reena Datta
DRE - GEN 1 APM, eAssist APM
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

From: Sean E Gleason/US/GM/GMC
To: Reena Datta/US/GM/GMC@GM, Gary Backs <gary.backs@gmch.com>
Cc: Mehrdad Teimor/US/GM/GMC@GM
Date: 04/28/2013 08:39 PM
Subject: Lot Sizes
Sent by: Sean E Gleason

Reena, Gary,

Can you provide data on the siz-Your data has been truncated.

"Gary Backs" <gary.backs@gmch.com>
04/28/2013 09:21 PM

To reena.datta@gm.com
cc
bcc
Subject Re: Lot Sizes

History: This message has been replied to.

Yes. But it will take research and supplier communication. There was no detail about timeframe in sedans note

reena.datta@gm.com --- Re: Lot Sizes ---

From: "" <reena.datta@gm.com>
To "Gary Backs" <gary.backs@gmch.com>
Date: Sun, Apr 28, 2013 9:13 PM
Subject Re: Lot Sizes

Hi Gary,

Thanks for your reply. Did you forward Sean's question to Jim?

Reena

From: "Gary Backs" <gary.backs@gmch.com>
To: reena.datta@gm.com
Date: 04/28/2013 09:10 PM
Subject: Re: Lot Sizes

There will be Varian in lot size by the fabricator. We may have some but not all since sop. Jim will be the best source

reena.datta@gm.com --- Re: Lot Sizes ---

From: "" <reena.datta@gm.com>
To "" <sean.gleason@gm.com>
Cc "Gary Backs" <gary.backs@gmch.com>, "" <mehrdad.teimor@gm.com>, "" <sean.gleason@gm.com>
Date: Sun, Apr 28, 2013 9:04 PM
Subject Re: Lot Sizes

Hi Sean,

James Fortune <james.fortune@gmch.com >

05/01/2013 10:30 AM

To "reena datta" <reena.datta@gm.com>, kevin.diviney@gm.com
cc Joseph Thompson <joseph.thompson@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>
bcc
Subject Re: Fw: eAssist - units Kevin requested - updated

2 attachments

BPIM Photos 589 262 636.ppt Diviney Pictures.ppt

Reena, Kevin,

Attached are photos for BPIM 589, 626, 636 that have been through our entire FA loop and categorized as NTF. Kevin I also attached photos and descriptions of the Pack and BPIMs from your email request today. Please note that there is little difference if any between the smoke damage and White Marsh classification.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

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"Go Boilers"

-----reena.datta@gm.com wrote: -----
To: James Fortune <james.fortune@gmch.com>

From: reena.datta@gm.com
Date: 05/01/2013 09:30AM
Cc: Joseph Thompson <joseph.thompson@gmch.com>
Subject: Fw: eAssist - units Kevin requested - updated

FYI - Please let me know if this doesn't match the list you have.

----- Forwarded by Reena Datta/US/GM/GMC on 05/01/2013 09:28 AM -----

From: Reena Datta/US/GM/GMC
To: Joseph Thompson <joseph.thompson@gmch.com>
Date: 05/01/2013 09:25 AM
Subject: eAssist - units Kevin requested - updated

Hi Joe,

These are the units Kevin was investigating:

Powerpack 408 - P1AF0 - **analysis complete**
BPIM #544 - MOSFET Driver
BPIM #560 - in Milford
BPIM #589 - P1A6F
BPIM #626 - P1B40 - **please send images of the boards**
BPIM #636 - P1B0B - ***New* please send images of the boards**

Reena
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=

James Fortune <james.fortune@gmch.com >

05/01/2013 11:22 AM

To sean.gleason@gm.com, kevin.diviney@gm.com, "Stephen Farris" <stephen.farris@gm.com>
cc Gary Backs <gary.backs@gmch.com>, "reena datta" <reena.datta@gm.com>, William Whitlock <william.whitlock@gmch.com>
bcc
Subject Nanya Summary of Root Cause for Inner Layer Resistive Shorts

1 attachment

Nanya Layer to Layer Short Issues Summary.ppt

Sean,

Attached you will find a "Summary" of the Nanya root cause investigation summary that our supplier Quality team has been working through. The highlights are the cross sections of the ECMs including Delphi's Cat program. The middle has some process descriptions. I took out the DOE they performed to isolate and identify the type of particulates causing the inner layer breakdown. The last part describes the particulate type for which we are still looking for them to tell us how they are being deposited onto the PCB.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

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"Go Boilers"

Dan Schroeder <dan.schroeder@gmch.com >

05/04/2013 12:00 PM

To reena.datta@gm.com
cc
bcc
Subject data sheet for contactor

1 attachment

AEVS16012-Panasonic.pdf

Data sheet

Daniel Schroeder
Electrical Engineer
dan.schroeder@gmch.com
765-451-4617
cell: 765-432-5437

Gary Backs
<gary.backs@gmch.com>
05/04/2012 10:44 AM

To frederick.billotto@gm.com, stephen.farris@gm.com, reena.datta@gm.com, mehrdad.teimor@gm.com
cc "Sharp David" <david.sharp@delphi.com>, James Fortune <james.fortune@gmch.com>, "David E. Miller" <david.e.miller@gmch.com>, "White David E"
bcc
Subject Fw: FW: update

1 attachment

BAS plus fail_evidence number 67959 update4.ppt

Attached is Delphi FA summary provided to close Tom's work.

Dave Sharp, with the mtg followup on Monday, it might be useful to have the new FA engineer participate.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Daniel Weaver
<daniel.weaver@gmch.com>

05/06/2013 02:05 PM

To Daniel Weaver <daniel.weaver@gmch.com>
cc len.chalawa@gm.com, reena.datta@gm.com
bcc
Subject Re: eAssist VIN

The vehicle build date was 5-1-12.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Daniel Weaver/GMch wrote: -----
To: reena.datta@gm.com
From: Daniel Weaver/GMch
Date: 05/06/2013 02:03PM
Cc: len.chalawa@gm.com
Subject: Re: eAssist VIN

We have not seen that unit. It shows up in the TAC list but has not been sent to GMCH yet.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: Daniel Weaver <daniel.weaver@gmch.com>, len.chalawa@gm.com
From: reena.datta@gm.com
Date: 05/06/2013 01:13PM
Subject: eAssist VIN

Hi Dan, Hi Len,

Do you know if a BPIM or Powerpack from 1G11F5RR3DF[redacted] has been received in Kokomo? It was repaired on 3/18/2013 with 27,207. It is a pre-option 1 that does not seem to have gone through the screening. Please let me know if you have it and know the rootcause.

Thank you,
Reena
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=

Len Chalawa/US/GM/GMC
05/06/2013 01:20 PM

To Reena Datta/US/GM/GMC@GM
cc Daniel Weaver <daniel.weaver@gmch.com>
bcc
Subject Re: eAssist VIN

Not in the BPIM Tab, Pack tab, Hold File.
Dan, can you verify

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Reena Datta | Hi Dan, Hi Len, Do you know if a BPI... | 05/06/2013 01:13:10 PM

From: Reena Datta/US/GM/GMC
To: Daniel Weaver <daniel.weaver@gmch.com>, Len Chalawa/US/GM/GMC@GM
Date: 05/06/2013 01:13 PM
Subject: eAssist VIN

Hi Dan, Hi Len,

Do you know if a BPIM or Powerpack from 1G11F5RR3DF[redacted] has been received in Kokomo? It was repaired on 3/18/2013 with 27,207. It is a pre-option 1 that does not seem to have gone through the screening. Please let me know if you have it and know the rootcause.

Thank you,
Reena

Min Zhang/AE&PM/PATAC/SGM @SGM

05/06/2013 10:03 PM

To Frederick Billotto/US/GM/GMC@GM@GMEXT, Scott Wilson/CN/GM/GMC@GM, Tom Desautels/AE&PM/PATAC/SGM

cc Adrian James/US/GM/GMC@GM, Charlotte Wallace/US/GM/GMC@GM, Dan Schroeder <dan.schroeder@gmch.com>, daniel.d.cottrell@gm.com,

bcc

Subject Re: BAS+ Power Pack 22985667 Granted Approved PPAP Status 4/9/13 Pls GM and GMCH support!

Hi Fred,
I am ZhangMin, Program manger of E16 BAS+. Thanks for your materials. Still two questions for you:
1) the previous powerpacks involved in recall event passed GM PV test before?
2) **after the below changes, do we have performance enhancement on test data compare with previous powerpacks? The datas will increase the confidence for SGM.**

Kind regards

ZhangMin
SGM Epsilon VLT
(66)8258

Frederick Billotto | Hello Guoliang, Sorry for the delay. The... | 2013-05-07 03:29:40

Frederick Billotto/US/GM/GMC@GM

2013-05-07 03:29

To Guoliang Wu/powertrain/PATAC/SGM@SGM@GMEXT

cc Mustafa M Dakroub/US/GM/GMC@GM@GMEXT, Jacob D Bylsma/US/GM/GMC@GM, Adrian James/US/GM/GMC@GM, Charlotte Wallace/US/GM/GMC@GM, Kanghua Chen/powertrain/PATAC/SGM@SGM, Margaret Richards/US/GM/GMC@GM, Zhiyong Fu/powertrain/PATAC/SGM@sgm, Scott Wilson/CN/GM/GMC@GM, james.fortune@gmch.com, Dan Schroeder <dan.schroeder@gmch.com>, daniel.d.cottrell@gm.com, Daniel Weaver <daniel.weaver@gmch.com>, "David E. Miller" <david.e.miller@gmch.com>, Fadi_Kassem@shanghaigm.com, Gary Backs <gary.backs@gmch.com>, "Stephen Farris" <stephen.farris@gm.com>, stephen.poulos@gm.com, "Tim Funk" <Timothy.R.Funk@delphi.com>, wei1_wang@shanghaigm.com, weijun Tao/SPVP/SGM@SGM, William Whitlock <william.whitlock@gmch.com>, Min Zhang/AE&PM/PATAC/SGM@SGM, Jibing Fei/powertrain/PATAC/SGM@SGM, Reena Datta/US/GM/GMC@GM

Subject Re: BAS+ Power Pack 22985667 Granted Approved PPAP Status 4/9/13 Pls Guoliang support and GMCH support!

Hello Guoliang,

Sorry for the delay. The attached presentation will help you to understand the recent changes.

eAssist_BPIM_2013CY_Changes_06May2013.pptx

Regards,

Fred Billotto
Vehicle Systems Engineer
eAssist Propulsion Systems

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Global Electrification

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

Guoliang Wu	Hi Fred, Based on your email,we kn...	05/03/2013 09:42:17 AM
Frederick Billotto	Hello Guoliang, It is ok to build MY 14 a...	2013/04/29 20:18:38

James Fortune
<james.fortune@gmch.com>

05/07/2012 04:49 PM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject Updated BAS+ APM BPIM Worksheet

1 attachment

eAssist_APM_Returns_Summary_25Apr2012(1).xlsx

Reena,

Here is the worksheet I have updated for the warranty failures.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

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"Go Boilers"

Gary Backs
<gary.backs@gmch.com>

05/08/2013 10:06 AM

To paul.zombory@gm.com, jacob.byslma@gm.com

cc stephen.farris@gm.com, Frederick Foxworthy <frederick.foxworthy@gmch.com>, reena.datta@gm.com, James Fortune <james.fortune@gmch.com>

bcc

Subject eAssist: MY13 Running change to new cap board

The pending field action on eAssist have revised again the breakpoint on the new BPIM assembly.

The new date is June, 14, 2013.

At this time, there are no powerpack models released and PPAP approved to use these parts.

At the pack PDT today, we need to finalize what actions are required to PPAP the new models.

In Kokomo, we believe we are awaiting a SW release memo to complete APIVER. If another action is required that we are not aware of, lets all get on the same page.

thanks,

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Joseph Thompson
<joseph.thompson@gmch.com>
05/08/2013 11:07 AM

To James Fortune <james.fortune@gmch.com>, "reena datta" <reena.datta@gm.com>
cc Hossein Lotfalian <hossein.lotfalian@gmch.com>, William Whitlock <william.whitlock@gmch.com>
bcc
Subject Re: Fw: eAssist TAC [redacted] VIN 1G11D5RR9DF [redacted]

History: This message has been replied to.

Reena, will this unit be shipped to my attention?

Also, GEN 1 warranty unit 51 has been sent to the dock and should go out today.

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----James Fortune/GMch wrote: -----
To: Joseph Thompson/GMch@GMch
From: James Fortune/GMch
Date: 05/08/2013 09:52AM
Subject: Fw: eAssist TAC [redacted] / VIN 1G11D5RR9DF [redacted]

Joe,

Dan is out the rest of the week I may need your help in determining the location and status of the unit Renna is requesting.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road

Kokomo, IN 46902

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"Go Boilers"

-----Forwarded by James Fortune/GMch on 05/08/2013 09:51AM -----
To: James Fortune <james.fortune@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>, len.chalawa@gm.com
From: reena.datta@gm.com
Date: 05/08/2013 09:35AM
Subject: eAssist TAC [redacted] / VIN 1G11D5RR9DF1[redacted]

Hi Guys,

There is a BPIM that is at the WPC right now and will be en route to Kokomo. (TAC [redacted] VIN 1G11D5RR9DF[redacted])

The vehicle it came from had a system voltage of >18V. Could you please let me know when it is received and what the rootcause is? If possible, please include Tony Saliga in your update.

Thank you,
Reena
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=

Joseph Thompson <joseph.thompson@gmch.com>

05/08/2013 02:38 PM

To "reena datta" <reena.datta@gm.com>, "len chalawa" <len.chalawa@gm.com>, James Fortune <james.fortune@gmch.com>

cc

bcc

Subject Fw: Fw: South Carolina Malibu vehicle information requested

1 attachment

Vehicle return investigation.docx

see attached

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----Forwarded by Joseph Thompson/GMch on 05/08/2013 02:37PM -----
To: joseph.thompson@gmch.com
From: frank.schauerte@gm.com
Date: 05/06/2013 08:08AM
Subject: Fw: South Carolina Malibu vehicle information requested

(See attached file: Vehicle return investigation.docx)

per your request

Frank Schauerte
Milford Proving Grounds
Kokomo Operations
GM Components Holdings, LLC
http://kokomogmch.com/

----- Forwarded by Frank Schauerte/US/GM/GMC on 05/06/2013 08:07 AM -----

From: Tony J. Saliga/US/GM/GMC
To: Frank Schauerte/US/GM/GMC@GM
Cc: gary.backs@gmch.com, Philip Brodzik/US/GM/GMC@GM
Date: 04/30/2013 09:31 AM
Subject: Re: South Carolina Malibu vehicle information requested

---

Thanks
Anthony Saliga
Lead Propulsion Development Engineer
FWD eAssist Programs
Pontiac North Powertrain Campus

Building B Powertrain Global
823 Joslyn Road
Pontiac, MI, 48340
MC 438-730-472
Ph: 248.670.8088

From: Frank Schauerte/US/GM/GMC
To: Tony J. Saliga/US/GM/GMC@GM
Cc: gary.backs@gmch.com
Date: 04/30/2013 09:22 AM
Subject: South Carolina Malibu vehicle information requested

Tony:

I will be available May 1 in Bldg 16 for vehicle and power pack analysis. Let me know timing when available.

I'd like to know the vehicle VIN so that we can identify power pack and BPIM specifics and also so I can arrange a
hand carry shipper to get it out of Milford tomorrow or Thursday and drive it to Kokomo after initial analysis in Bldg 16. Thanks

Frank Schauerte 248-346-0938
Milford Proving Grounds
Kokomo Operations
GM Components Holdings, LLC
http://kokomogmch.com/

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=

"Sharp, David"
<david.sharp@delphi.com>
05/09/2012 05:14 PM

To "stephen.farris@gm.com" <stephen.farris@GM.COM>, "reena.datta@gm.com" <reena.datta@GM.COM>
cc "Backs, Gary L" <gary.backs@gmch.com>, "Turner, Steven R" <steven.r.turner@delphi.com>
bcc
Subject Option 1 control board update

History: This message has been forwarded.

In working with the team after the call, we will have to write a new change and expedite that through the system. From preliminary indications, we will be delayed about 4 weeks.

I have sent a communication to NanYa to expedite this board build as soon as they see it. I have 3 weeks in for their build plus 1 week shipping so we may be able to do better.

Sorry for this error. I sent out the preliminary timing to the team already and will be reviewing with them – I should be able to send it out to you tomorrow.

Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

"Sharp, David" <david.sharp@delphi.com>

05/11/2012 09:42 AM

To "Backs, Gary L" <gary.backs@gmch.com>, "mehrdad.teimor@gm.com" <mehrdad.teimor@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>,

cc

bcc

Subject RE: eAssist - update on FA of APM returns

1 attachment

Crushed Board Implementation Timing Option 1 10May12.pdf

All-
I apologize for not getting this out yesterday.

Attached is the new timing plan for option 1. Line items 10-26 outline the steps for the new control board.

Let me know if you have any questions. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: Sharp, David
Sent: Thursday, May 10, 2012 1:48 PM
To: Backs, Gary L; mehrdad.teimor@gm.com; reena.datta@gm.com
Subject: RE: eAssist - update on FA of APM returns

I will be publishing a new option 1 timing plan later today…

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: Backs, Gary L
Sent: Thursday, May 10, 2012 12:56 PM
To: mehrdad.teimor@gm.com; reena.datta@gm.com; Sharp, David
Subject: Re: eAssist - update on FA of APM returns

I am still awaiting feedback from the Red X team leaders. I seriously doubt they will be ready tomorrow since we communicated that the plan was next week. We have been discussing Tuesday based on earlier comments.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----mehrdad.teimor@gm.com wrote: -----
To: reena.datta@gm.com
From: mehrdad.teimor@gm.com
Date: 05/10/2012 09:52AM
Cc: david.sharp@delphi.com, frederick.billotto@gm.com, Gary Backs <gary.backs@gmch.com>, stephen.farris@gm.com
Subject: Re: eAssist - update on FA of APM returns

Let's do a Friday 3:00. I need to find out what the plan is to expedite option one board re-layout.

Mehrdad Teimor
Power Electronics
GM Hybrid Systems
Cell Phone 248 515 4662

From: Reena Datta/US/GM/GMC
To: Gary Backs <gary.backs@gmch.com>, david.sharp@delphi.com
Cc: Mehrdad Teimor/US/GM/GMC@GM, Stephen Farris/US/GM/GMC@GM, Frederick Billotto/US/GM/GMC@GM
Date: 05/10/2012 09:02 AM
Subject: eAssist - update on FA of APM returns

Hi Gary, Hi Dave,

I spoke with Mehrdad this morning and he said that he's still trying to figure out his schedule for next week. Due to his other program obligations, his visit likely will be impromptu. He said he should know more in a day or two. In the meantime, can we plan to have an update on the status of the FA activities Friday or Monday? Please let me know if this will be possible.

Thank you,

Reena

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****
****

"Sharp, David"
<david.sharp@delphi.com>
05/14/2012 03:03 PM

To "Backs, Gary L" <gary.backs@gmch.com>, "mehrdad.teimor@gm.com" <mehrdad.teimor@GM.COM>, "reena.datta@gm.com" <reena.datta@GM.COM>,
cc
bcc
Subject RE: eAssist - update on FA of APM returns

History: This message has been forwarded.

1 attachment

Crushed Board Implementation Timing Option 1 14May12.pdf

Attached is the updated timeline for option 1.

We are on schedule.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: Sharp, David
Sent: Friday, May 11, 2012 9:43 AM
To: Backs, Gary L; 'mehrdad.teimor@gm.com'; 'reena.datta@gm.com'; stephen.farris@gm.com
Subject: RE: eAssist - update on FA of APM returns

All-
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David Sharp
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Fax: (765) 451-3780
email: david.sharp@delphi.com

From: Sharp, David
Sent: Thursday, May 10, 2012 1:48 PM
To: Backs, Gary L; mehrdad.teimor@gm.com; reena.datta@gm.com
Subject: RE: eAssist - update on FA of APM returns

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David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

From: Backs, Gary L
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To: mehrdad.teimor@gm.com; reena.datta@gm.com; Sharp, David
Subject: Re: eAssist - update on FA of APM returns

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Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----mehrdad.teimor@gm.com wrote: -----
To: reena.datta@gm.com
From: mehrdad.teimor@gm.com
Date: 05/10/2012 09:52AM
Cc: david.sharp@delphi.com, frederick.billotto@gm.com, Gary Backs <gary.backs@gmch.com>, stephen.farris@gm.com
Subject: Re: eAssist - update on FA of APM returns

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Mehrdad Teimor
Power Electronics
GM Hybrid Systems
Cell Phone 248 515 4662

From: Reena Datta/US/GM/GMC
To: Gary Backs <gary.backs@gmch.com>, david.sharp@delphi.com
Cc: Mehrdad Teimor/US/GM/GMC@GM, Stephen Farris/US/GM/GMC@GM, Frederick Billotto/US/GM/GMC@GM

Date: 05/10/2012 09:02 AM
Subject: eAssist - update on FA of APM returns

Hi Gary, Hi Dave,

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Thank you,

Reena

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****
****

James Fortune
<james.fortune@gmch.com>

05/17/2012 07:49 AM

To scott.wilson@gm.com
cc "Frederick Billotto" <frederick.billotto@gm.com>, "reena datta" <reena.datta@gm.com>
bcc
Subject Re: Shipped: E11 hybrid Support - SGM E11 eAssist #23 fuse burned [ATTACHMENT REMOVED]

Scott,

The unit arrived yesterday and our Product Engineering team has begun the FA process. Thanks for all of your help getting it returned to us.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----scott.wilson@gm.com wrote: -----
To: reena.datta@gm.com, James Fortune <james.fortune@gmch.com>
From: scott.wilson@gm.com
Date: 05/16/2012 06:28PM
Cc: frederick.billotto@gm.com
Subject: Shipped: E11 hybrid Support - SGM E11 eAssist #23 fuse burned

Reena,
The SGM Powerpack from Beijing has indeed shipped. In fact, it may already have arrived in Kokomo.

James,
I have deleted the DHL tracking number after passing along to GMCH. Can you tell all of us on distrubution :
1) Has the powerpack arrived in Kokomo Indiana ?
2) What is the estimated timing to open the BPIM for a closer look at the issue ?
Thanks
Scott T. Wilson 司高特
Regional Program Mgr Hybrid / EV - Electrification Engineering
(86) 1381.787.6312 mobile
(8621) 2899.6737
----- Forwarded by Scott Wilson/CN/GM/GMC on 05/17/2012 06:25 AM -----

From: Reena Datta/US/GM/GMC
To: Scott Wilson/CN/GM/GMC@GM
Date: 05/17/2012 01:08 AM
Subject: Fw: E11 hybrid Support - SGM E11 eAssist #23 fuse burned

---

Hi Scott,

Fred Billotto is on vacation for the remainder of this week. Before he left, he forward the message below regarding the status of the Beijing powerpack return. Do you know if that unit shipped from SGM yet? If it has shipped, do you have a tracking number available? Please let me know.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

----- Forwarded by Reena Datta/US/GM/GMC on 05/16/2012 12:50 PM -----

From: Frederick Billotto/US/GM/GMC
To: Reena Datta/US/GM/GMC@GM, Stephen Farris/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Jacob D Bylsma/US/GM/GMC@GM, Gary Backs <gary.backs@gmch.com>, joseph.thompson@gmch.com, David.E.White@delphi.com, david.sharp@delphi.com
Date: 05/09/2012 08:02 AM
Subject: Fw: E11 hybrid Support - SGM E11 eAssist #23 fuse burned

---

FYI. Beijing unit should ship out of China this week.

Regards,

Fred Billotto
Senior Project Engineer

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Hybrid Energy Storage

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

----- Forwarded by Frederick Billotto/US/GM/GMC on 05/09/2012 08:00 AM -----

From: Scott Wilson/CN/GM/GMC
To: Frederick Billotto/US/GM/GMC@GM
Date: 05/08/2012 11:35 PM
Subject: E11 hybrid Support - SGM E11 eAssist #23 fuse burned

Fred,
The powerpack was returned from Beijing via the Warranty Return Process (milk run between suppliers) in China last week. Thomas Zhu, Gavin Gao and one other member of the China Battery team removed the ESS from the suspect powerpack. SGM will ship the remainder of the pack to GMCH this week. As soon as I get a tracking number I will share it.

BTW, GMCH was tracking the (5) returned Powerpacks for BPIM circuit board burned failure. So you have an update to that matrix. My latest shows only two diagnosed with inconclusive findings.
Scott

Note: I will be on conference calls 'all evening' tonight so you can reach me via Cisco WebEx IM if needed,.

Scott T. Wilson 司高特
Regional Program Mgr Hybrid / EV - Electrification Engineering
(86) 1381.787.6312 mobile
(8621) 2899.6737

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This attachment was removed from this location in this message.

Name: Image._1_0D0C7F8C0D0C7A24007B6F4248257A00.gif
Type: image/gif
Size: 2318

This attachment was removed from this location in this message.

Name: Image._1_0D0C86F80D0C8190007B6F4248257A00.gif
Type: image/gif
Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0D0C8E740D0C8C34007B6F4248257A00.gif
Type: image/gif
Size: 1496

Ernie Fraley
<ernie.fraley@gmch.com>
05/24/2013 08:16 AM

To reena.datta@gm.com
cc
bcc
Subject Fw: GDS Data Files

3 attachments

Test1_1G4GB5GR8CF100001.piz Test2_1G4GB5GR8CF100001.piz Test3_1G4GB5GR8CF100001.piz

Ernie Fraley
Sr. System Engineer
General Motors, GMCH-Kokomo
765-451-4614
ernie.fraley@gmch.com

-----Forwarded by Ernie Fraley/GMch on 05/24/2013 08:14AM -----
To: rick.schroeder@gm.com
From: Ernie Fraley/GMch
Date: 05/24/2013 06:55AM
Subject: GDS Data Files

(See attached file: Test1_1G4GB5GR8CF100001.piz)
(See attached file: Test2_1G4GB5GR8CF100001.piz)
(See attached file: Test3_1G4GB5GR8CF100001.piz)

Rick,

See attached files. I changed the zip to piz so the files will go through the email system.

Regards,
Ernie Fraley
Sr. System Engineer
General Motors, GMCH-Kokomo
765-451-4614
ernie.fraley@gmch.com

Ernie Fraley <ernie.fraley@gmch.com>

05/24/2013 10:51 AM

To rick.schroeder@gm.com

cc Joseph Thompson <joseph.thompson@gmch.com>, "reena datta" <reena.datta@gm.com>

bcc

Subject Re: New code confirmation

Rick,

Even the boot? It appears that I may have flashed the boot incorrectly.

Ernie Fraley
Sr. System Engineer
General Motors, GMCH-Kokomo
765-451-4614
ernie.fraley@gmch.com

-----rick.schroeder@gm.com wrote: -----
To: Joseph Thompson <joseph.thompson@gmch.com>
From: rick.schroeder@gm.com
Date: 05/24/2013 10:37AM
Cc: Ernie Fraley <ernie.fraley@gmch.com>, "reena datta" <reena.datta@gm.com>
Subject: Re: New code confirmation

All,
I have compared the files you sent against the original files and they seem to be fine.

Regards,

Rick Schroeder
BAS Plus Diagnostics
248-930-8392
rick.schroeder@gm.com

From: Joseph Thompson <joseph.thompson@gmch.com>
To: Ernie Fraley <ernie.fraley@gmch.com>, "reena datta" <reena.datta@gm.com>, "rick schroeder" <rick.schroeder@gm.com>
Date: 05/23/2013 08:06 PM
Subject: New code confirmation

Rick, Reena, during our testing today we had failures and we would like to confirm the attached PTP files that we used. I pulled the code from a unit Ernie had programmed on the car. We then used this for the rest of the units we ran. If you have some time can you confirm if it is correct.

Reena, I will try to get with you in the morning.

Thanks
Joe Thompson
Current Product Engineer

Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell[attachment "Rick Schroeder PTP.piz" deleted by Rick H Schroeder/US/GM/GMC]

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=

Ernie Fraley
<ernie.fraley@gmch.com>

05/24/2013 04:00 PM

To "reena datta" <reena.datta@gm.com>, Joseph Thompson <joseph.thompson@gmch.com>
cc
bcc
Subject Summary Info for Test Run on Thursday, 5/23/13

During Thursdays testing, the following summarizes which tests had GDS2 data captures and which DTCs were present:

Test 7	Data Captured	P0BFD
Test 8	No Data Captured	
Test 9	No Data Captured	
Test 10	No Data Captured	
Test 11	Data Captured	P0C78
Test 12	Data Captured	No Codes Set
Test 13	Data Captured	P0C76, P0C0B

Regards,

Ernie Fraley
Sr. System Engineer
General Motors, GMCH-Kokomo
765-451-4614
ernie.fraley@gmch.com

Gary Backs
<gary.backs@gmch.com>
05/29/2013 02:39 PM

To reena.datta@gm.com
cc
bcc
Subject Re: Declined: eAssist - PCB discussion

I can do after 4pm call.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: "Gary Backs/GMch" <gary.backs@gmch.com>
From: reena.datta@gm.com
Date: 05/29/2013 02:12PM
Subject: Re: Declined: eAssist - PCB discussion

Hi Gary,

Steve is out of the office tomorrow and Friday. We wanted to discuss the situation with Nanya and the quality spill and next steps.

Reena

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=

"Sharp, David"
<david.sharp@delphi.com>
05/30/2012 03:55 PM

To "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>
bcc
Subject Timing

History: This message has been forwarded.

2 attachments

Crushed Board Implementation Timing Option 1 30may12.mpp

Bulk Cap Replacement Plan 29may12.mpp

Steve/Reena-
Attached are the updated timelines for option 1 and option 3/bulk cap implementations.

Let me know if you have any questions. Thanks.

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

"White, David E" <David.E.White@delphi.com>

05/31/2012 04:17 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>
bcc
Subject RE: eAssist DFMEA

Reena,

Please find combined DFMEA per your request.
Note that EE part DFMEA was divided by Engineer and Function they worked on.

-Dave White

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Thursday, May 31, 2012 1:28 PM
To: White, David E; Sharp, David
Subject: eAssist DFMEA

Hi Dave, Hi Dave,

Do either of you know who might have the eAssist DFMEA? I'm specifically interested in the APM content. If one of you have it, could you please send it to me?

Thank you,

Reena

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****

********** 10018394 TSA BAS+ BPIM DFMEA_PV_Combined_2010-03-08.xls

James Fortune
<james.fortune@gmch.com>

05/31/2012 02:05 PM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject eAssist APM Return Spreadsheet

1 attachment

eAssist_APM_Returns_Summary_09May2012(1).xlsx

Reena,

Here you go.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----reena.datta@gm.com wrote: -----
To: James Fortune <james.fortune@gmch.com>
From: reena.datta@gm.com
Date: 05/31/2012 12:36PM
Subject: eAssist APM Return Spreadsheet

Hi Jim,

Could you please send me the APM Return Spreadsheet? There are now three suspect returns that I'd like to add to the table.

Thank you,

Reena

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=

"Sharp, David" <david.sharp@delphi.com>
06/06/2012 03:44 PM

To "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@gm.com" <reena.datta@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>
bcc
Subject Updated bulk cap/Option 3 timing

1 attachment

Bulk Cap Replacement Plan 06jun12.mpp

David Sharp
Project Manager, Delphi E&S
Phone: (765) 451-3170
Fax: (765) 451-3780
email: david.sharp@delphi.com

****
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****
****

Daniel Weaver <daniel.weaver@gmch.com >

06/08/2012 04:13 PM

To jacob.d.bylsma@gm.com

cc "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, len.chalawa@gm.com,

bcc

Subject Re: P1AF0 and P1B0B DTC warranty cases Updated list [ATTACHMENT REMOVED]

1 attachment

eAssist_P1B0B_Returns_Summary_08Jun2012(1)(1).xlsx

Here is spread sheet with War 71 information

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----jacob.d.bylsma@gm.com wrote: -----
To: James Fortune <james.fortune@gmch.com>
From: jacob.d.bylsma@gm.com
Date: 06/08/2012 03:40PM
Cc: Daniel Weaver <daniel.weaver@gmch.com>, "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, len.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, "Stephen Farris" <stephen.farris@gm.com>
Subject: Re: P1AF0 and P1B0B DTC warranty cases Updated list

FYI,

Added WAR70 to the list.

Thanks

Jacob Bylsma

Mobile: (586) 404-6314
Email: jacob.d.bylsma@gm.com
VEC 4AV27

From: James Fortune <james.fortune@gmch.com>
To: jacob.d.bylsma@gm.com
Cc: Daniel Weaver <daniel.weaver@gmch.com>, "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, len.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, "Stephen Farris" <stephen.farris@gm.com>
Date: 06/08/2012 01:54 PM
Subject: Re: P1AF0 and P1B0B DTC warranty cases [ATTACHMENT REMOVED]

Jacob,

Here is the spreadsheet populated with our assembly and test information in red text. Nothing I have found yet puts these parts together in our process.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

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any of its affiliates.
"Go Boilers"

-----jacob.d.bylsma@gm.com wrote: -----
To: james.fortune@gmch.com, daniel.weaver@gmch.com, stephen.farris@gm.com, reena.datta@gm.com, len.chalawa@gm.com
From: jacob.d.bylsma@gm.com
Date: 06/08/2012 01:04PM
Cc: gary.backs@gmch.com, frederick.billotto@gm.com
Subject: P1AF0 and P1B0B DTC warranty cases

All,

I am attaching a tracking sheet for the cases known to date. Please take a look and see if anything jumps out, I.E. is there a part from a common lot that we can target?

We are see quite a few of these in a very short time, we are now up to 12 unconfirmed cases.

Thanks

Jacob Bylsma

Mobile: (586) 404-6314
Email: jacob.d.bylsma@gm.com
VEC 4AV27
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=

[attachment "eAssist_P1B0B_Returns_Summary_06Jun2012.xlsx" removed by James Fortune/GMch]
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Name: Image._1_0E55AC580E557AA8005DBF9D85257A17.gif
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Size: 2318

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Name: Image._1_0E55AE5C0E557AA8005DBF9D85257A17.gif
Type: image/gif

Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0E55B2E40E559C00005DBF9D85257A17.gif
Type: image/gif
Size: 1496

[attachment "eAssist_P1B0B_Returns_Summary_06Jun2012(1).xlsx" deleted by Jacob D Bylsma/US/GM/GMC]

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=

[attachment "eAssist_P1B0B_Returns_Summary_08Jun2012(1).xlsx" removed by Daniel Weaver/GMch]
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Name: Image._1_0E4946F40E4942F8006C0C1485257A17.gif
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Name: Image._1_0E4949580E4942F8006C0C1485257A17.gif
Type: image/gif
Size: 2906

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Name: Image._1_0E494FB40E494BB4006C0C1485257A17.gif
Type: image/gif
Size: 1496

James Fortune
<james.fortune@gmch.com>

06/08/2012 01:53 PM

To jacob.d.bylsma@gm.com

cc Daniel Weaver <daniel.weaver@gmch.com>, "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, len.chalawa@gm.com, "reena

bcc

Subject Re: P1AF0 and P1B0B DTC warranty cases [ATTACHMENT REMOVED]

1 attachment

eAssist_P1B0B_Returns_Summary_06Jun2012(1).xlsx

Jacob,

Here is the spreadsheet populated with our assembly and test information in red text. Nothing I have found yet puts these parts together in our process.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
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POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

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"Go Boilers"

-----jacob.d.bylsma@gm.com wrote: -----
To: james.fortune@gmch.com, daniel.weaver@gmch.com, stephen.farris@gm.com, reena.datta@gm.com, len.chalawa@gm.com

From: jacob.d.bylsma@gm.com
Date: 06/08/2012 01:04PM
Cc: gary.backs@gmch.com, frederick.billotto@gm.com
Subject: P1AF0 and P1B0B DTC warranty cases

All,

I am attaching a tracking sheet for the cases known to date. Please take a look and see if anything jumps out, I.E. is there a part from a common lot that we can target?

We are see quite a few of these in a very short time, we are now up to 12 unconfirmed cases.

Thanks

Jacob Bylsma

Mobile: (586) 404-6314
Email: jacob.d.bylsma@gm.com
VEC 4AV27
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[attachment "eAssist_P1B0B_Returns_Summary_06Jun2012.xlsx" removed by James Fortune/GMch]
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Type: image/gif
Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0E55B2E40E559C00005DBF9D85257A17.gif
Type: image/gif

Daniel Weaver
<daniel.weaver@gmch.com>

06/11/2012 04:31 PM

To jacob.d.bylsma@gm.com

cc "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, len.chalawa@gm.com,

bcc

Subject Re: P1AF0 and P1B0B DTC warranty cases Updated list 6/11/12 [ATTACHMENT REMOVED]

Here is the revised spreadsheet showing the other unit GMCH received today as well as adding the FIS data for the 3 additional units added over the weekend.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----jacob.d.bylsma@gm.com wrote: -----
To: Daniel Weaver <daniel.weaver@gmch.com>
From: jacob.d.bylsma@gm.com
Date: 06/11/2012 10:48AM
Cc: "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, len.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, "Stephen Farris" <stephen.farris@gm.com>
Subject: Re: P1AF0 and P1B0B DTC warranty cases Updated list 6/11/12

All,

I have attached an updated list. We had three more cases over the weekend.

Has GMCH Kokomo received any additional packs? Are there any updates on WAR-71?

Thanks

Jacob Bylsma

Mobile: (586) 404-6314
Email: jacob.d.bylsma@gm.com
VEC 4AV27

From: Daniel Weaver <daniel.weaver@gmch.com>
To: jacob.d.bylsma@gm.com
Cc: "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, len.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, "Stephen Farris" <stephen.farris@gm.com>
Date: 06/08/2012 04:14 PM
Subject: Re: P1AF0 and P1B0B DTC warranty cases Updated list [ATTACHMENT REMOVED]

Here is spread sheet with War 71 information

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----jacob.d.bylsma@gm.com wrote: -----
To: James Fortune <james.fortune@gmch.com>
From: jacob.d.bylsma@gm.com
Date: 06/08/2012 03:40PM
Cc: Daniel Weaver <daniel.weaver@gmch.com>, "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, len.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, "Stephen Farris" <stephen.farris@gm.com>

Subject: Re: P1AF0 and P1B0B DTC warranty cases Updated list

FYI,

Added WAR70 to the list.

Thanks

Jacob Bylsma

Mobile: (586) 404-6314
Email: jacob.d.bylsma@gm.com
VEC 4AV27

From: James Fortune <james.fortune@gmch.com>
To: jacob.d.bylsma@gm.com
Cc: Daniel Weaver <daniel.weaver@gmch.com>, "Frederick Billotto" <frederick.billotto@gm.com>, Gary Backs <gary.backs@gmch.com>, len.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, "Stephen Farris" <stephen.farris@gm.com>
Date: 06/08/2012 01:54 PM
Subject: Re: P1AF0 and P1B0B DTC warranty cases [ATTACHMENT REMOVED]

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Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
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http://kokomogmch.com
Phone: (765) 451-9558
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e-mail james.fortune@gmch.com

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2603 S. Goyer Road
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"Go Boilers"

-----jacob.d.bylsma@gm.com wrote: -----
To: james.fortune@gmch.com, daniel.weaver@gmch.com, stephen.farris@gm.com, reena.datta@gm.com, len.chalawa@gm.com
From: jacob.d.bylsma@gm.com
Date: 06/08/2012 01:04PM
Cc: gary.backs@gmch.com, frederick.billotto@gm.com
Subject: P1AF0 and P1B0B DTC warranty cases

All,

I am attaching a tracking sheet for the cases known to date. Please take a look and see if anything jumps out, I.E. is there a part from a common lot that we can target?

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Thanks

Jacob Bylsma

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Email: jacob.d.bylsma@gm.com
VEC 4AV27
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[attachment "eAssist_P1B0B_Returns_Summary_06Jun2012.xlsx" removed by James Fortune/GMch]
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Name: Image._1_0E55AC580E557AA8005DBF9D85257A17.gif
Type: image/gif
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Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0E55B2E40E559C00005DBF9D85257A17.gif
Type: image/gif
Size: 1496

[attachment "eAssist_P1B0B_Returns_Summary_06Jun2012(1).xlsx" deleted by Jacob D Bylsma/US/GM/GMC]

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[attachment "eAssist_P1B0B_Returns_Summary_08Jun2012(1).xlsx" removed by Daniel Weaver/GMch]
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Name: Image._1_0E4946F40E4942F8006C0C1485257A17.gif
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[attachment "eAssist_P1B0B_Returns_Summary_08Jun2012(1)(1).xlsx" deleted by Jacob D Bylsma/US/GM/GMC]

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[attachment "eAssist_P1B0B_Returns_Summary_11Jun2012.xlsx" removed by Daniel Weaver/GMch]
This attachment was removed from this location in this message.

Name: Image._1_0D6766B40D6762E000513D5685257A1A.gif
Type: image/gif
Size: 2318

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Name: Image._1_0D6768EC0D6762E000513D5685257A1A.gif
Type: image/gif
Size: 2906

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Type: image/gif
Size: 1496

eAssist_P1B0B_Returns_Summary_11Jun2012(1).xlsx

Daniel Weaver <daniel.weaver@gmch.com >

06/13/2012 12:23 PM

To reena.datta@gm.com

cc carrie.harvey@gm.com, David.E.White@delphi.com, david.sharp@delphi.com, frederick.billotto@gm.com, Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian

bcc

Subject Re: eAssist - P0CA2 Return Spreadsheet Created

1 attachment

eAssist_P0CA2_Summary_13Jun2012(1).xlsx

Here is the spreadsheet populated with the FIS data as well as adding one additional P0CA2 unit.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: mehrdad.teimor@gm.com, stephen.farris@gm.com, frederick.billotto@gm.com, jacob.d.bylsma@gm.com, shinichiro.taki@gm.com, tony.j.saliga@gm.com, kevin.diviney@gm.com, carrie.harvey@gm.com, steve.bunce@gm.com, len.chalawa@gm.com, David.E.White@delphi.com, david.sharp@delphi.com, steven.r.turner@delphi.com, gary.backs@gmch.com, james.fortune@gmch.com, hossein.lotfalian@gmch.com, joseph.thompson@gmch.com, daniel.weaver@gmch.com
From: reena.datta@gm.com
Date: 06/13/2012 08:53AM
Subject: eAssist - P0CA2 Return Spreadsheet Created

All,

Please see the newly created spreadsheet for P0CA2 related returns (DC/DC Converter Step Down

Voltage Performance). Currently, there are 9 units received in Kokomo, and 3 TAC case units from yesterday's report. Please let me know if you have any feedback.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

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=

[attachment "eAssist_P0CA2_Summary_13Jun2012.xlsx" removed by Daniel Weaver/GMch]

Hossein Lotfalian <hossein.lotfalian@gmch.com>

06/13/2012 12:09 PM

To frederick.billotto@gm.com, reena.datta@gm.com

cc carrie.harvey@gm.com, Daniel Weaver <daniel.weaver@gmch.com>, David.E.White@delphi.com, david.sharp@delphi.com, Gary Backs

bcc

Subject P1BOB HV isolation failure fault tree

History: This message has been forwarded.

1 attachment

HV Isolation P1B0B 6-13-2012.pptx

Fred,
Please see attached fault tree for P1BOB.

Regards,
Hossein Lotfalian
GMCH Kokomo
Product Engineering Manager
Tel_765-451-7042
Fax_765-451-7772
General Motors Components Holdings, LLC

Gary Backs
<gary.backs@gmch.com>
06/20/2012 12:45 PM

To reena.datta@gm.com
cc
bcc
Subject Fw: Re: Thermal unit spreadsheet

1 attachment

eAssist_Thermal_Summary_18Jun2012(1).xlsx

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----Forwarded by Gary Backs/GMch on 06/20/2012 12:44PM -----
To: Gary Backs/GMch@GMch
From: Daniel Weaver/GMch
Date: 06/19/2012 04:06PM
Subject: Fw: Re: Thermal unit spreadsheet

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Forwarded by Daniel Weaver/GMch on 06/19/2012 04:06PM -----
To: reena.datta@gm.com
From: Daniel Weaver/GMch
Date: 06/19/2012 04:01PM
Subject: Re: Thermal unit spreadsheet

(See attached file: eAssist_Thermal_Summary_18Jun2012(1).xlsx)

minor updates

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: Daniel Weaver <daniel.weaver@gmch.com>
From: reena.datta@gm.com
Date: 06/19/2012 02:40PM
Subject: Re: Thermal unit spreadsheet

Hi Dan,

Have you made any updates to the sheet I sent to you yesterday? There were a few suspect failures mentioned in TAC cases this morning that I'd like to add to the table. If you made updates, please send me the latest version.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems

Work: 248-752-8137

From: Daniel Weaver <daniel.weaver@gmch.com>
To: reena.datta@GM.COM
Date: 06/18/2012 03:59 PM
Subject: Thermal unit spreadsheet

Can you send me the latest spreadsheet you have for all the Thermal units we are tracking?

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

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=

Daniel Weaver <daniel.weaver@gmch.com >

06/28/2012 09:54 AM

To reena.datta@gm.com
cc
bcc
Subject revised spreadsheets

1 attachment

eAssist_P0CA2_Summary_13Jun2012(1).xlsx

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

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Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

Gary Backs
<gary.backs@gmch.com>
07/06/2012 10:01 AM

To jacob.d.bylsma@gm.com, reena.datta@gm.com
cc Hossein Lotfalian <hossein.lotfalian@gmch.com>, Joseph Thompson <joseph.thompson@gmch.com>, len.chalawa@gm.com, James Fortune
bcc
Subject Update to P1BOB/P0CA2/Thermal Red X spreadsheets

In preparation for the tentatively scheduled review Thursday with Sean Gleason on eAssist Warranty, could you please update your excel file's with any new projected claims and reply with copies to the distribution by Tuesday morning?

Thanks,

Gary

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Hossein Lotfalian <hossein.lotfalian@gmch.com>

07/11/2012 03:01 PM

To stephen.farris@gm.com, reena.datta@gm.com, frederick.billotto@gm.com, jacob.d.bylsma@gm.com

cc Gary Backs <gary.backs@gmch.com>, Joseph Thompson <joseph.thompson@gmch.com>, len.chalawa@gm.com, James Fortune <james.fortune@gmch.com>

bcc

Subject Warranty returns P1BOB fault tree update

1 attachment

HV Isolation P1B0B 6-20-2012.pptx

Please see attached updated fault tree for P1BOB.

Regards,
Hossein Lotfalian
GMCH Kokomo
Product Engineering Manager
Tel_765-451-7042
Fax_765-451-7772
General Motors Components Holdings, LLC

Joseph Thompson
<joseph.thompson@gmch.com>
07/11/2012 04:00 PM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject P1B0B and P0CA2

History: This message has been forwarded.

Rena, this is the list I put together.

P1BOB
2
71
73
79
80
86
87
91
BPIM102 Len P0C0B
Bpim103 Len P0C0B
Bpim104 Len P0C0B
Bpim105
Bpim106
Bpim107

P0CA2
7
27
51
61
63
65
78
Bpim81
Bpim97

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

Daniel Weaver
<daniel.weaver@gmch.com>

07/16/2012 10:50 AM

To reena.datta@GM.COM

cc carrie.harvey@GM.COM, "David E. Miller" <david.e.miller@gmch.com>, David.E.White@delphi.com, david.sharp@delphi.com, frank.schauerte@GM.COM,

bcc

Subject Re: eAssist - Updated P0CA2 Summary

Your spreadsheet contains all units received in Kokomo. All units without a Warranty return number have not been received.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: mehrdad.teimor@gm.com, stephen.farris@gm.com, john.meyeriii@gm.com, frederick.billotto@gm.com, jacob.d.bylsma@gm.com, shinichiro.taki@gm.com, tony.j.saliga@gm.com, kevin.diviney@gm.com, carrie.harvey@gm.com, steve.bunce@gm.com, len.chalawa@gm.com, frank.schauerte@gm.com, David.E.White@delphi.com, david.sharp@delphi.com, gary.backs@gmch.com, james.fortune@gmch.com, joseph.thompson@gmch.com, mark.a.nichols@delphi.com, david.e.miller@gmch.com, daniel.weaver@gmch.com, steven.r.turner@delphi.com
From: reena.datta@gm.com
Date: 07/10/2012 04:13PM
Subject: eAssist - Updated P0CA2 Summary

All,

Please see the updated summary attached below of P0CA2 returns.

Please let me know which units have been received in Kokomo and their FIS data. Please let me know if you have any questions or comments.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

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=

[attachment "eAssist_P0CA2_Summary_10Jul2012.xlsx" removed by Daniel Weaver/GMch]

Daniel Weaver <daniel.weaver@gmch.com >

07/23/2012 04:01 PM

To jacob.d.bylsma@gm.com

cc Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, len.chalawa@gm.com, reena.datta@gm.com, Joseph Thompson

bcc

Subject Re: P1B0B update as of 7/19/12 [ATTACHMENT REMOVED]

1 attachment

eAssit_ P1B0B_Returns_Summary_19Jul2012.xlsx

Jacob,
Here is the list with GMCH findings from now on the data base that Len Chalawa reviews will be kept up to date with our findings. The various spreadsheets will only be used to track what returns we can expect to see in the future.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----jacob.d.bylsma@gm.com wrote: -----
To: gary.backs@gmch.com, james.fortune@gmch.com, daniel.weaver@gmch.com
From: jacob.d.bylsma@gm.com
Date: 07/19/2012 03:04PM
Subject: P1B0B update as of 7/19/12

All,

Here is the most up to date list I have from TAC.

Dan,

Are you still updating this list with GMCH finding?

Thanks

Jacob Bylsma

Mobile: (586) 404-6314
Email: jacob.d.bylsma@gm.com
VEC 4AV27
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=

[attachment "eAssit_ P1B0B_Returns_Summary_19Jul2012.xlsx" removed by Daniel Weaver/GMch]
This attachment was removed from this location in this message.

Name: Image._1_0C9FE9F40C9FB8440068BC8985257A40.gif
Type: image/gif
Size: 2318

This attachment was removed from this location in this message.

Name: Image._1_0C9FEBF80C9FB8440068BC8985257A40.gif
Type: image/gif
Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0C9FF0800C9FD99C0068BC8985257A40.gif
Type: image/gif
Size: 1496

Gary Backs <gary.backs@gmch.com>
08/08/2012 06:36 AM

To "Reena Datta/US/GM/GMC" <reena.datta@gm.com>
cc
bcc
Subject Re: Invitation: eAssist Burn In Follow-up Discussion (Aug 8 11:00 AM EDT in Call-in: 1-(866) 226-3606 (US) / Code: 646 2538)

jim fortune, joe thompson, dave sharp, david white, dave buehler, steve turner

If there is to be an output, we must have technical resources who are familiar with the design and test.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----

Calendar Entry

Meeting Invitation reena.datta has invited you to a meeting

Subject
eAssist Burn In Follow-up Discussion
When

Begins:	08/08/2012 11:00 AM EDT
Ends:	08/08/2012 12:00 PM EDT

Where

Location Call-in: 1-(866) 226-3606 (US)/Code: 646 2538
Chair
reena.datta@gm.com

Sent by

Description / Agenda

Gary, please let me know who else to invite.

Meeting information

Topic: eAssist Burn In Discussion
Date: Wednesday, August 8, 2012
Time: 11:00 am, Eastern Daylight Time (New
GMT-04:00)
Meeting Number: 960 554 530
Meeting Password: 1234

reena.datta@gm.com **Invitees** To (required): Gary Backs/GMch@GMch, mehrdad.teimor@gm.com, stephen farris@gm.com cc (optional):	---------- To start or join the online meeting ---------- Go to https://gm.webex.com/gm/j.php?ED=19661 344932&PW=NNTMyYjMyMzM2&RT=MiMxM ---------- Teleconference information ---------- Provide your phone number when you join tl receive a call back. Alternatively, you can cal Call-in toll-free number: 1-(866) 226-3 Call-in number: 1-(678) 466-7834 (US) Conference Code: 646 2538

"Turner, Steven R" <steven.r.turner@delphi.com>

08/08/2012 09:36 AM

To Reena Datta/US/GM/GMC <reena.datta@gm.com>

cc

bcc

Subject RE: Invitation: eAssist Burn In Follow-up Discussion (Aug 8 11:00 AM EDT in Call-in: 1-(866) 226-3606 (US)/Code: 646 2538)

Hi, Reena,

I won't be able to attend. I'm on vacation again. I'll be in on Friday the 10th.

-Steve

_____

From: Reena Datta/US/GM/GMC [reena.datta@gm.com]
Sent: Wednesday, August 08, 2012 5:11 AM
To: White, David E; Buehler, David P; Sharp, David; Backs, Gary L; Fortune, James L; Thompson, Joseph E; Mehrdad Teimor/US/GM/GMC; Stephen Farris/US/GM/GMC; Turner, Steven R
Subject: Invitation: eAssist Burn In Follow-up Discussion (Aug 8 11:00 AM EDT in Call-in: 1-(866) 226-3606 (US)/Code: 646 2538)
When: Wednesday, August 08, 2012 8:00 AM-9:00 AM.
Where: Call-in: 1-(866) 226-3606 (US) / Code: 646 2538

Follow-up discussion to last night's meeting with Poulos.

Please forward to appropriate team members as needed.

Meeting information

Topic: eAssist Burn In Discussion
Date: Wednesday, August 8, 2012
Time: 11:00 am, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 960 554 530
Meeting Password: 1234

To start or join the online meeting

Go to https://gm.webex.com/gm/j.php?ED=196619822&UID=492344932&PW=NNTMyYjMyMzM2&RT=MiMxMQ%3D%3D

Teleconference information

Provide your phone number when you join the meeting to receive a call back.
Alternatively, you can call:
Call-in toll-free number: 1-(866) 226-3606 (US)
Call-in number: 1-(678) 466-7834 (US)
Conference Code: 646 2538
****
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****

James Fortune
<james.fortune@gmch.com>

08/09/2012 03:04 PM

To kevin.diviney@gm.com, bob.agresta@gm.com, sean.gleason@gm.com, stephen.poulos@gm.com
cc "reena datta" <reena.datta@gm.com>
bcc
Subject Updated GMCH file

1 attachment

BAS+ Countermeasure Updated Thur.ppt

Kevin,

Here you go.

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

Gary Backs
<gary.backs@gmch.com>
08/09/2012 07:42 AM

To reena.datta@gm.com
cc
bcc
Subject Re: Option 1 Testing

History: This message has been forwarded.

Per feedback from Delphi, that is correct.

I have not seen a report, but it was reported in the PDT some weeks ago all testing was complete.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: Gary Backs <gary.backs@gmch.com>
From: reena.datta@gm.com
Date: 08/08/2012 05:38PM
Subject: Option 1 Testing

Hi Gary,

Just to confirm before tomorrow's meeting, all Option 1 testing is complete and passed with no issues, right? If you could, please let me know prior to the meeting.

Thank you,

Reena
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=

Gary Backs
<gary.backs@gmch.com>
08/15/2012 04:30 PM

To reena.datta@gm.com
cc
bcc
Subject Fw: RMA - eAssist 22935179

I know you were investigating these

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----Forwarded by Gary Backs/GMch on 08/15/2012 04:29PM -----
To: hauping.yang@gm.com, susu.yang@gm.com, Wendy McCain/GMch@GMch, Michelle Burthay/GMch@GMch, jaewon.b.jung@gm.com
From: Gail Bowers/GMch
Date: 08/15/2012 01:29PM
Cc: Julie Rethlake/GMch@GMch, "Dick Hill" <richard.hill@gm.com>, elaine.chen@gm.com, Julia Brewer/GMch@GMch, Ralph Showers/GMch@GMch, Mike Heilman/GMch@GMch, Michelle Price/GMch@GMch, James Fortune/GMch@GMch, Daniel Weaver/GMch@GMch, Gary Backs/GMch@GMch
Subject: RMA - eAssist 22935179

Hauping - GMCH Kokomo has experienced a quality issue on the eAssist unit shipped to your plant. Our records indicate a shipment of twenty-two (22) units of model year 2013 Epsilon eAssist Battery Packs to GM Shanghai on June 11, 2012. The model number is GM 22935179 (GMCH 28355921-02). If these units are currently in your inventory, they need to be returned to Kokomo using RMA #311334. Please contact Michelle Burthay (765-480-5816) to arrange transportation to return these units to GMCH Kokomo.

Jaewon - Due to the return of these units, please work with Wendy McCain (765-438-4168) to develop a plan to replace these units as needed.

We apologize for the inconvenience this has caused the GM Shanghai plant. Both Michelle and Wendy are copied on this email.

Gary Backs - No other units have been shipped to Shanghai since March 2012, so no reason to RMA any material other then these 22 pieces.

Gail Bowers
Supply Chain General Supervisor

gail.bowers@gmch.com
Tel: +1-765-451-6723
Cell: +765-438-7712
POU: QNPM-OQ23-OOP6

Daniel Weaver <daniel.weaver@gmch.com >

08/17/2012 08:21 AM

To kevin.diviney@gm.com

cc bob.agresta@gm.com, brian.hayes@gm.com, daniel.d.cottrell@gm.com, lucky.sagong@gm.com, reena.datta@gm.com, stephen.poulos@gm.com,

bcc

Subject Re: Powerpack serial dates [ATTACHMENT REMOVED]

1 attachment

28246070.pdf

Here is the drawing for the number. The last three digits are a serial number. We have 2 lines capable of running these packs. Line 1 resets the number to Zero at midnight each or after each part number change. Line 2 resets to 500 at midnight each or after a part number change.

Therefore, the sample Bob asked about would be the 2nd unit ran after midnight or a part number change on line 2 of our pack station.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----kevin.diviney@gm.com wrote: -----
To: bob.agresta@gm.com, Daniel Weaver <daniel.weaver@gmch.com>
From: kevin.diviney@gm.com
Date: 08/16/2012 09:32PM
Cc: brian.hayes@gm.com, daniel.d.cottrell@gm.com, lucky.sagong@gm.com, reena.datta@gm.com, stephen.poulos@gm.com, tony.j.saliga@gm.com, umar.corion@gm.com
Subject: Re: Powerpack serial dates

Dan W.,

Can you explain the sequence number and confirm the interpretation of the Julian date?

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

From: Bob Agresta/US/GM/GMC
To: Kevin Diviney/US/GM/GMC@GM
Cc: Brian Hayes/US/GM/GMC@GM, Daniel D. Cottrell/US/GM/GMC@GM, Lucky Sagong/KR/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, Umar Corion/C/CA/GM/GMC@GM
Date: 08/16/2012 09:11 PM
Subject: Re: Powerpack serial dates

Do I have this right?

LQ51794112124502 = LQ5179411 - 2124 - 502 = CY 2012, Day 124, Seq# 502 ?

Since I am pretty sure we did not make 502 packs in a day, does the Sequence number break down into Number and Shift, i.e. Number 50, Shift 2?

Bob

Bob Agresta
Director - Electrification
Program Execution

E-mail: bob.agresta@gm.com
Phone: +1 248 857 0933 Fax:+1 248 857 4756 International Mobile: +1 248 330 6295
Administrative Assistant – Marcia Jackson +1 248 857 8317

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From: Kevin Diviney/US/GM/GMC
To: Lucky Sagong/KR/GM/GMC@GM, Brian Hayes/US/GM/GMC@GM, Umar Corion/C/CA/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Daniel D. Cottrell/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM, Bob Agresta/US/GM/GMC@GM
Date: 08/16/2012 09:22 AM
Subject: Powerpack serial dates

The suspect powerpacks were produced at GMCH between March 15th and June 15th of this year. This corresponds to Julian dates 2075 thru 2166. When you are checking stock, you can find the Julian date as part of the trace number. The last three digits are a sequence number. The four digits before that are the Julian date. For example, the Julian date for the following powerpack is 2124 which is in the suspect range. Please report the status of any 'old' stock you still have on hand.

LQ51794112124502

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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Name: Image._1_098781D009877F900008646185257A5D.gif
Type: image/gif
Size: 2318


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Name: Image._1_0987870C098784CC0008646185257A5D.gif
Type: image/gif
Size: 2906
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Name: Image._1_0987900409878D980008646185257A5D.gif
Type: image/gif
Size: 1496

This attachment was removed from this location in this message.

Name: Image._1_0988C7580988C1F00008646185257A5D.gif
Type: image/gif
Size: 2318

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Name: Image._1_0988CEC40988C95C0008646185257A5D.gif
Type: image/gif
Size: 2906

This attachment was removed from this location in this message.

Name: Image._1_0988D6400988D4000008646185257A5D.gif
Type: image/gif
Size: 1496

Daniel Weaver <daniel.weaver@gmch.com >

08/17/2012 01:46 PM

To reena.datta@gm.com

cc christopher.janik@gm.com, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>

bcc

Subject Re: eAssist - picture of a BPIM label

2 attachments

Identification Strategy[1].pptx 28246070.pdf

Here is the label information requested. The Pack and APM/BPIM labels are laid out them same. In addition to this the packs will all have a small green dot next to the label. Let me know if you have questions.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>
From: reena.datta@gm.com
Date: 08/17/2012 12:56PM
Cc: christopher.janik@gm.com
Subject: eAssit - picture of a BPIM label

Hi Gary, Jim, Dan,

Could you please send a photo of a BPIM/APM label to Chris Janik who is cc'ed above?

Also could you please let him know the date code that will breakpoint the board change?

Thank you,

Reena
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=

James Fortune
<james.fortune@gmch.com>

08/17/2012 01:31 PM

To "Stephen Farris" <stephen.farris@gm.com>
cc Cole Buttry <cole.buttry@gmch.com>, Gary Backs <gary.backs@gmch.com>, "reena datta" <reena.datta@gm.com>, ronald.d.weiss@gm.com,
bcc
Subject Re: Address for Exponent

Steve,

Per your request we are shipping the 5 LV connectors to the address provided for exponent. I will forward on the tracking information when it becomes available.

Subbaiah Malladi
Chief Technology Officer
Exponent, Inc.
149 Commonwealth Drive
Menlo Park, CA 94025

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----stephen.farris@gm.com wrote: -----
To: sean.gleason@gm.com
From: stephen.farris@gm.com
Date: 08/17/2012 08:47AM
Cc: reena.datta@gm.com, cole.buttry@gmch.com, gary.backs@gmch.com, james.fortune@gmch.com, ronald.d.weiss@gm.com
Subject: Re: Address for Exponent

Gary,

Can you send 5 BPIM/APM black header low voltage connectors to Exponent at address below today?

STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Vehicle Engineering Center
Cell: 248.515.2572

-----Sean E Gleason/US/ATD/GMC wrote: -----
To: Cole Buttry <cole.buttry@gmch.com>, Gary Backs <gary.backs@gmch.com>, james.fortune@gmch.com
From: Sean E Gleason/US/GM/GMC
Sent by: Sean E Gleason/US/ATD/GMC
Date: 08/10/2012 01:26PM
Cc: Reena Datta/US/GM/GMC@GM, Stephen Farris/US/GM/GMC@GM
Subject: Address for Exponent

Subbaiah Malladi
Chief Technology Officer
Exponent, Inc.
149 Commonwealth Drive
Menlo Park, CA 94025
Tel.: 650-688-7272
650 646 4110 Cell

Executive Assistant: Sarah Scammon
Tel.: 650-688-7285

Sean Gleason
Senior Manager - Global Electrification Power Electronics
3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

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Gary Backs
<gary.backs@gmch.com>

08/23/2012 12:26 PM

To reena.datta@gm.com
cc
bcc
Subject Re: Slide with GMCH Update for 4PM meeting (please review by noon)

no inputs

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: mehrdad.teimor@gm.com, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>
From: reena.datta@gm.com
Date: 08/23/2012 10:31AM
Subject: Slide with GMCH Update for 4PM meeting (please review by noon)

Hi Everyone,

Please review the slide attached and let me know if any updates, additions, or changes are needed. Please send me your feedback by noon.

Thank you,

Reena

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=

[attachment "eAssist_Update_23Aug2012.pptx" removed by Gary Backs/GMch]

James Fortune
<james.fortune@gmch.com>

08/23/2012 10:58 AM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject Re: Slide with GMCH Update for 4PM meeting (please review by noon)

History: This message has been replied to.

Looks like what I sent you. Good

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----reena.datta@gm.com wrote: -----
To: mehrdad.teimor@gm.com, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>
From: reena.datta@gm.com
Date: 08/23/2012 10:31AM
Subject: Slide with GMCH Update for 4PM meeting (please review by noon)

Hi Everyone,

Please review the slide attached and let me know if any updates, additions, or changes are needed. Please send me your feedback by noon.

Thank you,

Reena

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=

[attachment "eAssist_Update_23Aug2012.pptx" removed by James Fortune/GMch]

James Fortune
<james.fortune@gmch.com>

08/23/2012 12:34 PM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject Re: Slide with GMCH Update for 4PM meeting (please review by noon)

History: This message has been replied to.

Reena,

These are the confirmed Korea fails that I had from original testing. The are all in suspect build window.

3	LQ51794112124500	5/3/2012	KLAPA69RDDB004515
5	LQ45654112136060	5/15/2012	KLAPA69RDCB066072
6	LQ45654112137571	5/16/2012	KLAPA69RDCB063980

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
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M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
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"Go Boilers"

-----reena.datta@gm.com wrote: -----
To: James Fortune <james.fortune@gmch.com>
From: reena.datta@gm.com
Date: 08/23/2012 11:42AM
Subject: Re: Slide with GMCH Update for 4PM meeting (please review by noon)

Hi Jim,

There have been questions about the higher failure rate at GMK vs the other VAPs. If I send you the list of suspect PP SN of the GMK vehicles (about 135), is it worth trying to determine if they came from the two suspect lots?

Reena
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=

Daniel Weaver
<daniel.weaver@gmch.com>

09/05/2012 10:01 AM

To carrie.harvey@gm.com
cc brian.1.ciaverella@gm.com, frederick.billotto@gm.com, jacob.d.bylsma@gm.com, kevin.diviney@gm.com, kristin.curran@gm.com, len.chalawa@gm.com,
bcc
Subject Re: eAssist BPIM/Powerpack Summary [ATTACHMENT REMOVED]

Carrie,
I took the list you provided and cross referenced it to the Pack and BPIM's we have received at GMCH. As you can see still have many returns in transit. I listed the tracking number from our analysis spreadsheet in case someone has questions on a specific return.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----carrie.harvey@gm.com wrote: -----
To: kevin.diviney@gm.com, reena.datta@gm.com, stephen.cichy@gm.com, stephen.farris@gm.com, jacob.d.bylsma@gm.com, frederick.billotto@gm.com, len.chalawa@gm.com, tony.j.saliga@gm.com, daniel.weaver@gmch.com, brian.1.ciaverella@gm.com
From: carrie.harvey@gm.com
Date: 08/29/2012 09:48PM
Cc: robert.c.wittmann@gm.com, ryan.brown@gm.com, kristin.curran@gm.com
Subject: eAssist BPIM/Powerpack Summary

- Attached data includes BPIM requests from June 27th to August 28th and Powerpack requests through August 29th
- 45% of the vehicle are unsold
- 49% have 100 miles or less
- TAC call volume for BPIM/Powerpack **increased** last week by 8 calls
- Claims since last update are in grey

Carrie Harvey
Brand Quality Manager - Advanced Propulsion
☏ cell: 586-243-2598
✉ mail: carrie.harvey@gm.com

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=

[attachment "29AUG12 BPIM Powerpack TAC CASES FROM 27JUNE12.xls" removed by Daniel Weaver/GMch]
This attachment was removed from this location in this message.

Name: Image._1_0C1A22240C1A98E40009DB8C85257A6A.gif
Type: image/gif
Size: 12300

29AUG12 BPIM Powerpack TAC CASES FROM 27JUNE12(1).xlsx

Gary Backs
<gary.backs@gmch.com>

09/06/2012 10:34 AM

To kevin.diviney@gm.com
cc reena.datta@gm.com, stephen.farris@gm.com
bcc
Subject PFE proposal

Kevin,

Good morning, could you please forward the proposal plan or an assessment of the proposal for the warranty spike. I understand the FPE team was to deal with this issue today.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

dferkin@rubycon.co.jp
09/18/2012 11:30 AM

To "Turner, Steven R" <steven.r.turner@delphi.com>
cc dancusick@rubycon.co.jp, "Backs, Gary L" <gary.backs@gmch.com>, stephen farris <stephen.farris@gm.com>, "reena.datta@GM.COM"
bcc
Subject RE: Reforming procedure

Steve: No problem, thanks!

Dave Ferkin | Rubycon- Inside Sales Supervisor
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

w: (847) 249-3450
f: (847) 693-3017
dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/18/2012 10:36 AM -----

"Turner, Steven R" <steven.r.turner@delphi.com>
09/18/2012 10:28 AM

To: DAVID FERKIN/rubycon@rubycon
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, stephen farris <stephen.farris@gm.com>, "reena.datta@GM.COM" <reena.datta@GM.COM>
Subject: RE: Reforming procedure

Thanks very much, Dave!

Looks like we are good to go with the reforming procedure, Gary.

-Steve

-----Original Message-----
From: dferkin@rubycon.co.jp [mailto:dferkin@rubycon.co.jp]
Sent: Tuesday, September 18, 2012 9:53 AM
To: Turner, Steven R
Cc: dancusick@rubycon.co.jp; Backs, Gary L; Timothy M. Kilfoil
Subject: RE: Reforming procedure

Steve: Good morning. Reply from engineering below:

Yes, judging from the actual data,I think that the caps have been reformed to acceptable limits

and all of these caps are within the performance requirements per our standards.
Leakage current value's level(after treatment) is roughly all the same(initial value).

Dave Ferkin | Rubycon- Inside Sales Supervisor
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w: (847) 249-3450
f: (847) 693-3017
dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/18/2012 08:58 AM -----

DAVID FERKIN
09/14/2012 09:30 AM

To: "Turner, Steven R" <steven.r.turner@delphi.com>
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming procedure

Steve: Checking back with engineering on this...will advise.

Dave Ferkin | Rubycon- Inside Sales Supervisor
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

w: (847) 249-3450
f: (847) 693-3017
dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/14/2012 09:35 AM -----

"Turner, Steven R" <steven.r.turner@delphi.com>
09/14/2012 09:26 AM

To: DAVID FERKIN/rubycon@rubycon
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming procedure

Thanks very much.

Does the data indicate that the caps have been reformed to acceptable limits? Are all of these caps within the performance requirements per your standards?

-Steve

-----Original Message-----
From: dferkin@rubycon.co.jp [mailto:dferkin@rubycon.co.jp]
Sent: Friday, September 14, 2012 10:21 AM
To: Turner, Steven R
Cc: dancusick@rubycon.co.jp; Backs, Gary L; Timothy M. Kilfoil
Subject: RE: Reforming procedure

Steve: Good morning. Please find attached test result file.

(See attached file: TECHNICAL DATA(Electric data of initial and after voltage treatment).pdf)

Dave Ferkin | Rubycon- Inside Sales Supervisor
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

w: (847) 249-3450
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dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/14/2012 09:26 AM -----

DAVID FERKIN
09/13/2012 08:22 AM

To: "Turner, Steven R" <steven.r.turner@delphi.com>
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming procedure

Steve: Good morning. Japan will reply back with info on Monday, September 17th.

Dave Ferkin | Rubycon- Inside Sales Supervisor
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

w: (847) 249-3450
f: (847) 693-3017
dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/13/2012 08:27 AM -----

DAVID FERKIN

09/12/2012 08:24 AM

To: "Turner, Steven R" <steven.r.turner@delphi.com>
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming procedure

Steve: Good morning. Japan advised this morning they have received the samples and will begin to analyze. I have asked them to advise rough estimate on when they can expect to send reply. I will keep you updated.

Dave Ferkin | Rubycon- Inside Sales Supervisor
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

w: (847) 249-3450
f: (847) 693-3017
dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/12/2012 08:28 AM -----

DANIEL J CUSICK

09/11/2012 04:55 PM

To: "Turner, Steven R" <steven.r.turner@delphi.com>, DAVID FERKIN/rubycon
cc: "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming procedure(Document link: DAVID FERKIN)

Dave,

Pls check with Japan on status and update Steve in my absence.

Rgs,

Dan Cusick | Rubycon- National Sales Manager
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

m: (847) 867-9242
w: (847) 249-3450
f: (847) 578-1300
dancusick@rubycon.co.jp

"Turner, Steven R" <steven.r.turner@delphi.com>

To: DANIEL J CUSICK/rubycon@rubycon
cc: "Backs, Gary L" <gary.backs@gmch.com>
Subject: RE: Reforming procedure

09/11/2012 01:09 PM

Dan,

Can you tell me when you expect to have finished testing the caps?

Thanks.

-Steve

-----Original Message-----
From: dancusick@rubycon.co.jp [mailto:dancusick@rubycon.co.jp]
Sent: Thursday, August 30, 2012 1:20 PM
To: Turner, Steven R
Cc: Backs, Gary L
Subject: Re: Reforming procedure

Hi Steve,

Sure. send them to Gurnee address to my attention.. I will forward them to Japan for testing.

Rgs,

Dan Cusick | Rubycon- National Sales Manager
4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

m: (847) 867-9242
w: (847) 249-3450
f: (847) 578-1300
dancusick@rubycon.co.jp

|---------+---------->
| | "Turner, Steven R" <steven.r.turner@delphi.com>
| | 08/30/2012 08:43 AM
| |

|---------+---------------------------->

>--
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  |
|
  | To: DANIEL J CUSICK/rubycon@rubycon
|
  | cc: "Backs, Gary L" <gary.backs@gmch.com>
|
  | Subject: Reforming procedure
|

>--
----------------------------------|

Dan,

I am about to perform the reforming procedure on the "aged" caps that you provided to me some time ago. I think it would be a good idea to have them tested afterwards to see if they have indeed been reformed. Could you have them tested for me? If so, should I send them back to Gurnee, IL? To whose attention?

Thanks.

-Steve

****
****

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****

"Turner, Steven R" <steven.r.turner@delphi.com>

10/09/2012 02:23 PM

To "stephen.farris@gm.com" <stephen.farris@gm.com>, "reena.datta@GM.COM" <reena.datta@gm.com>
cc "Backs, Gary L" <gary.backs@gmch.com>
bcc
Subject FW: Reforming procedure

1 attachment

reforming caps APM_BPIM.pptx

Hello, Steve and Reena,

Attached is the reforming procedure that I used to verify the process. As you can see below, Rubycon confirmed that the caps had, indeed, been reformed. So, I would say that the procedure is good.

-Steve

-----Original Message-----
From: dferkin@rubycon.co.jp [mailto:dferkin@rubycon.co.jp]
Sent: Tuesday, September 18, 2012 9:53 AM
To: Turner, Steven R
Cc: dancusick@rubycon.co.jp; Backs, Gary L; Timothy M. Kilfoil
Subject: RE: Reforming procedure

Steve: Good morning. Reply from engineering below:

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4293 Lee Ave | Gurnee IL (USA) 60031 | www.rubycon.com

w: (847) 249-3450
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dferkin@rubycon.co.jp

----- Forwarded by DAVID FERKIN/rubycon on 09/18/2012 08:58 AM -----

DAVID FERKIN
09/14/2012 09:30 AM

To: "Turner, Steven R" <steven.r.turner@delphi.com>
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming

procedure

Steve: Checking back with engineering on this...will advise.

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DAVID FERKIN
09/13/2012 08:22 AM

To: "Turner, Steven R" <steven.r.turner@delphi.com>
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
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DAVID FERKIN
09/12/2012 08:24 AM

To: "Turner, Steven R" <steven.r.turner@delphi.com>
cc: DANIEL J CUSICK/rubycon@rubycon, "Backs, Gary L" <gary.backs@gmch.com>, "Timothy M. Kilfoil" <tmkilfoil@jfkilfoil.com>
Subject: RE: Reforming procedure

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----- Forwarded by DAVID FERKIN/rubycon on 09/12/2012 08:28 AM -----

DANIEL J CUSICK
09/11/2012 04:55 PM

To: "Turner, Steven R" <steven.r.turner@delphi.com>, DAVID FERKIN/rubycon
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"Turner, Steven R" <steven.r.turner@delphi.com>
09/11/2012 01:09 PM

To: DANIEL J CUSICK/rubycon@rubycon
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Subject: RE: Reforming procedure

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Sent: Thursday, August 30, 2012 1:20 PM
To: Turner, Steven R
Cc: Backs, Gary L
Subject: Re: Reforming procedure

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dancusick@rubycon.co.jp

|---------+---------------------------->
	"Turner, Steven R"
	<steven.r.turner@delphi.com>
	08/30/2012 08:43 AM
---------+---------------------------->

>--
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|
  | To: DANIEL J CUSICK/rubycon@rubycon
|
  | cc: "Backs, Gary L" <gary.backs@gmch.com>
|
  | Subject: Reforming procedure
|

>--
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-Steve

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****

****
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****

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****
****

Len Chalawa/US/GM/GMC	To	Reena Datta/US/GM/GMC@GM
10/17/2012 03:38 PM	cc	Stephen Farris/US/GM/GMC@GM, Frederick Billotto/US/GM/GMC@GM, "Fortune, James L" <james.fortune@gmch.com>, "Backs, Gary L"
	bcc	
	Subject	suggestions for the NTF Meeting / eAssist

Reena,
My suggestions, based on issues from the prior meetings, (for improvement).

Set a meeting date - time, limit the distribution, and always have the meeting.
We wasted a lot of time - wondering if the meeting was going to occur.
- when all the players did not attend.
(diagnostics or systems people, brand quality - were not present.)

Even if it is scheduled between the Pack & BPIM Meetings.

If we stay focused and send out information prior to each meeting on what cases will be reviewed - it should be manageable.
Instead of spending time during the NTF meeting looking up the information, (TAC, Vehicle History), all participants "would/should come prepared" in the area of their expertise.

Limit cases for each meeting. (5 max, say to start)

Current NTF's:
Packs = 16 (all 2012MY, no 2013MY) - We already have a few with Secondary marked as root cause.
BPIM's = 17 2012MY, 21 - 2013MY

Packs / Start:

pACK	``	P-Pack Build Date	Vehicle MY	VIN	Veh Type	Veh Build Date	RO Date	RO#	Miles	Customer Complaint [Brief]	D M D
X	[redacted]	10/11/11	2012	1G4GD5ER9CF[redacted]	Lacrosse Prem G-I FWD		12/9/11	404970		SES Light-On	P
6	[redacted]	10/11/11	2012	1G4GC5GR9CF[redacted]	Lacrosse Leather G FWD	10/20/11	11/18/11	296322	15	SES Light-On	P P P
9	[redacted]	10/18/11	2012	1G4GD5ER1CF[redacted]	Lacrosse Prem G-I FWD	10/30/11	12/2/11	359171	562	SES, Battery Light-On	P P
17	[redacted]	10/14/11	2012	1G4GD5ER3CF[redacted]	Lacrosse Prem G-I FWD	10/23/11	1/3/12	84582	15	Stall, No Re-Start	U

27	[redacted]	11/23/11	2012	1G4GA5ERXCF[redacted]	Lacrosse Base FWD	12/1/11	1/16/12		73	Battery Light-On, No-Start No-Crank at Times	P P P P
31		1/4/12	2012	2G4GR5ER7C9[redacted]	Regal Leather G		2/27/12	928544	40	SES Light-On	P P C
39		9/20/11	2012	2G4GR5ER7C9[redacted]	Regal Leather G	10/28/11			64	Service Charging System, Not Charging	QI D
44		2/25/12	2012	1G4GD5ER8CF[redacted]	Lacrosse Prem G-I FWD	2/29/12	4/2/12	660113	371	CEL Service Hybrid	P P U

Thanks,

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Daniel Weaver
<daniel.weaver@gmch.com>

10/18/2012 07:52 AM

To christopher.janik@gm.com

cc reena.datta@gm.com, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>

bcc

Subject Fw: Re: eAssist - picture of a BPIM label

2 attachments

Identification Strategy[1].pptx 28246070.pdf

Here is the information originally provided in August. The BPIM label looks the same however, number starts with LP rather than LQ for packs.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Forwarded by Daniel Weaver/GMch on 10/18/2012 07:51AM -----
To: reena.datta@gm.com
From: Daniel Weaver/GMch
Date: 08/17/2012 01:46PM
Cc: christopher.janik@gm.com, Gary Backs/GMch@GMch, James Fortune/GMch@GMch
Subject: Re: eAssist - picture of a BPIM label

(See attached file: Identification Strategy[1].pptx)
(See attached file: 28246070.pdf)

Here is the label information requested. The Pack and APM/BPIM labels are laid out them same. In addition to this the packs will all have a small green dot next to the label. Let me know if you have questions.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>
From: reena.datta@gm.com
Date: 08/17/2012 12:56PM
Cc: christopher.janik@gm.com
Subject: eAssit - picture of a BPIM label

Hi Gary, Jim, Dan,

Could you please send a photo of a BPIM/APM label to Chris Janik who is cc'ed above?

Also could you please let him know the date code that will breakpoint the board change?

Thank you,

Reena
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=

Daniel Weaver
<daniel.weaver@gmch.com>

10/18/2012 01:49 PM

To Gary Backs <gary.backs@gmch.com>, christopher.janik@gm.com
cc charlotte.hinojos@gm.com, christopher.janik@gm.com, James Fortune <james.fortune@gmch.com>, daniel.d.cottrell@gm.com, mehrdad.teimor@gm.com,
bcc
Subject Re: eAssit - picture of a BPIM label

I agree that it would be very unlikely to have a pre corrective action BPIM out there. However if you do send one the bulletin should read: If it is determined that the module requires replacement, ensure that the date code on the replacement module is greater than 2224. The first 2 represents 2012 and the 224 represents the Julian date for August 11 that was the day we started building BPIMs with the new circuit boards.

That date is easily read and is located in the lower right hand corner of the BPIM and Pack labels.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281
Email: daniel.weaver@gmch.com

-----Gary Backs/GMch wrote: -----
To: christopher.janik@GM.COM
From: Gary Backs/GMch
Date: 10/18/2012 01:23PM
Cc: charlotte.hinojos@GM.COM, daniel.d.cottrell@GM.COM, Daniel Weaver/GMch@GMch, James Fortune/GMch@GMch, mehrdad.teimor@GM.COM, reena.datta@GM.COM
Subject: Re: eAssit - picture of a BPIM label

I defer to Dan and Mehrdad for final say, but my opinion would be no.

In that the replacement BPIM will have the countermeasure in it. At this point in time, the service BIM's

shipped since August 15 have been post countermeasure and at the replacement rate, the probability of service stock pre-August 15 is remote.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----christopher.janik@GM.COM wrote: -----
To: daniel.d.cottrell@GM.COM, mehrdad.teimor@GM.COM
From: christopher.janik@GM.COM
Date: 10/18/2012 11:38AM
Cc: reena.datta@GM.COM, Daniel Weaver <daniel.weaver@gmch.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, charlotte.hinojos@GM.COM
Subject: Re: eAssit - picture of a BPIM label

The service bulletin for this field action states:

If it is determined that the module requires replacement, ensure that the date code on the module is greater than 2180

Please advise if it still makes sense to have the dealer check the date code of the replacement BPIM, and if so, we need to provide a photograph showing the location of the date code.

Planning on launching this bulletin tomorrow, so we need to respond quickly.

Thanks!

Christopher Janik
Phone: 586-907-5098
VEC Podium: 2K2-12

From: Christopher Janik/US/GM/GMC
To: Reena Datta/US/GM/GMC@GM
Cc: Daniel Weaver <daniel.weaver@gmch.com>, Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>
Date: 10/17/2012 03:03 PM
Subject: Re: eAssit - picture of a BPIM label

I thought I saw this label, but can't seem to find it now.

Can you provide so we can include in the service bulletin?

Thanks!

Christopher Janik
Phone: 586-907-5098
VEC Podium: 2K2-12

From: Reena Datta/US/GM/GMC
To: Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>
Cc: Christopher Janik/US/GM/GMC@GM
Date: 08/17/2012 12:55 PM
Subject: eAssit - picture of a BPIM label

Hi Gary, Jim, Dan,

Could you please send a photo of a BPIM/APM label to Chris Janik who is cc'ed above?

Also could you please let him know the date code that will breakpoint the board change?

Thank you,

Reena

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=

Len Chalawa/US/GM/GMC
10/25/2012 07:46 AM

To Reena Datta/US/GM/GMC@GM
cc "Weaver, Daniel J" <daniel.weaver@gmch.com>, "Fortune, James L" <james.fortune@gmch.com>
bcc
Subject Fw: eAssist battery order TAC case# [redacted] VIN# 1G11D5RR1DF[redacted]

This is the distribution on the TAC Cases requesting packs.
Joe is also on the distribution.
All the TAC cases I receive, I always pasted on the Kokomo V-Drive - same directory, Data/TAC
It is not BPIM cases, mostly only packs.

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

----- Forwarded by Len Chalawa/US/GM/GMC on 10/25/2012 07:42 AM -----

From: jason_coon@gmexpert.com
To: tina.jennings@gm.com, elizabeth.norwood@gm.com, jeanette.dunn@gm.com, kirk.d.brasher@gm.com, carlene.sienkiewicz@gm.com, keith.buford@gm.com, matthew.mcclurejr@gm.com, vukasin.denic@gm.com, melani.thomas@gm.com, kevin.diviney@gm.com, tony.j.saliga@gm.com, frederick.billotto@gm.com, jacob.d.bylsma@gm.com, milton.martinez@gm.com, david.j.martin@gm.com, rick.schroeder@gm.com, len.chalawa@gm.com, joseph.thompson@gmch.com, jeanette.kurnik@gm.com, margaret.richards@gm.com, roger.rademacher@gm.com, william.l.aldrich@gm.com, brian.1.ciaverella@gm.com, steve.bunce@gm.com, saqib.masood@gm.com, paul.f.ghanam@gm.com, george.baczewski@gm.com, kristin.curran@gm.com, julie.cumo@gm.com
Date: 10/24/2012 06:22 PM
Subject: eAssist battery order TAC case# 71-1120473159 VIN# 1G11D5RR1D[redacted]

Jason Coon
Hybrid/Volt Consultant GM Technical Assistance
An Associate of Morley Company
Phone: 1-866-790-4600 EXT 40522
Fax: 866-842-9445

e-mail Jason_Coon@gmexpert.com

71-1120473159.pdf

Len Chalawa/US/GM/GMC
10/25/2012 12:13 PM

To Daniel Weaver <daniel.weaver@gmch.com>
cc "Fortune, James L" <james.fortune@gmch.com>, frank.schauerte@GM.COM, reena.datta@GM.COM, "Thompson, Joseph E" <joseph.thompson@gmch.com>,
bcc
Subject Re: Campaign / Service Procedure for Dealer Stock #12238

1 attachment

12238 Service Update for Inventory Vehicles.docx

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

From: Daniel Weaver <daniel.weaver@gmch.com>
To: len.chalawa@gm.com
Date: 10/25/2012 12:01 PM
Subject: Re: Campaign / Service Procedure for Dealer Stock #12238

Do you have anything that would describe the service procedure?

Dan Weaver

-----len.chalawa@GM.COM wrote: -----
To: "Weaver, Daniel J" <daniel.weaver@gmch.com>
From: len.chalawa@GM.COM
Date: 10/25/2012 11:54AM
Cc: "Fortune, James L" <james.fortune@gmch.com>, frank.schauerte@GM.COM, reena.datta@GM.COM, "Thompson, Joseph E" <joseph.thompson@gmch.com>, "Lotfalian, Hossein T" <hossein.lotfalian@gmch.com>
Subject: Campaign / Service Procedure for Dealer Stock #12238

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

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=

[attachment "12238 Service Update for Inventory Vehicles.docx" removed by Daniel Weaver/GMch]

"Buehler, David P" <david.p.buehler@delphi.com>

10/28/2012 06:05 PM

To "stephen.farris@gm.com" <stephen.farris@GM.COM>, "reena.datta@gm.com" <reena.datta@GM.COM>, "mehrdad.teimor@GM.COM"
cc "White, David E" <David.E.White@delphi.com>, "Townsend, Terry A" <terry.a.townsend@delphi.com>
bcc
Subject Signal Path for Relevant APM/BPIM circuit and DFMEA

3 attachments

Visio-Signal Paths APM_BPIM.pdf Signal Paths APM_BPIM.vsd CAP Bd DFMEA.xlsx

Stephen, Reena, and Mehrdad,

Please find attached: A mechanization with relevant signals pertaining to the capacitor issue (for DFMEA). Also I have a first cut on a DFMEA for this issue. I sort of took a nontraditional approach; see what you think.

Best Regards,
Dave Buehler

****
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****
****

Joseph Thompson <joseph.thompson@gmch.com>

10/29/2012 11:58 AM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject Data Log List

1 attachment

DataLogList.xlsx

Reena attached is a list of inputs that the bench tool will be data logging.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

Gary Backs
<gary.backs@gmch.com>

10/30/2012 01:42 PM

To reena.datta@gm.com
cc
bcc
Subject file update

1 attachment

eAssist Option 3.1 30OCT12.ppt

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Len Chalawa/US/GM/GMC
10/30/2012 09:57 AM

To "Lotfalian, Hossein T" <hossein.lotfalian@gmch.com>
cc "Weaver, Daniel J" <daniel.weaver@gmch.com>, Reena Datta/US/GM/GMC@GM
bcc
Subject Cap BCB-Malibu

Hoss,
the following is the info on the vehicle (Cap PCB) 15 &Gratiot

VIN 1G11F5RR0DF[redacted]
Model 1GC69-2013 MALIBU
Build Date 6/7/12
Order Type 70 - RETAIL - STOCK

MORAN CHEVROLET, INC.
35500 GRATIOT AVE
CLINTON TOWNSHIP MI 48035-2847
5867911010
Claims:
Z7000-Pre-Delivery Inspection - Base Time / 6/14/12
Z6999-PDI Related Fluid Adds / 7/30/12
V2675-12238 - Generator Control Module Performance Inspection / Field Action Recall / 10/22/12

No TAC Case is writen, the dealer called PQM directly.
All the info available, says 3 miles odo.

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Gary Backs
<gary.backs@gmch.com>
10/31/2012 05:02 PM

To Cole Buttry <cole.buttry@gmch.com>, James Fortune <james.fortune@gmch.com>, David Worthington <david.worthington@gmch.com>, reena.datta@gm.com,
cc
bcc
Subject What I will show for 7am Call

1 attachment

eAssist_Cap Board Dealer Return Investigation_31Oct2012[1].pptx

we will skip over some of the intro, but this is really to prop up Sean for Nitz review

We will need to supplement this with quality update (placeholder in file at this moment)

I personally only saw 1 of the 6 tests take place, so there will be opportunity for other to chime in.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Daniel Weaver
<daniel.weaver@gmch.com>

11/01/2012 02:07 PM

To daniel.d.cottrell@GM.COM, kevin.diviney@GM.COM, reena.datta@GM.COM
cc len.chalawa@GM.COM, James Fortune <james.fortune@gmch.com>
bcc
Subject Milage chart for isolation failures

1 attachment

Freq Miles Isolation 1Nov12(1).xlsx

Here is the frequency milage chart that Len pulled together from the data we have in our warranty data base.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

Michael Fox
<michael.fox@gmch.com>

11/02/2012 02:13 PM

To reena.datta@gm.com
cc Cole Buttry <cole.buttry@gmch.com>, "David E. Miller" <david.e.miller@gmch.com>, Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian
bcc
Subject Re: eAssist Test Options

2 attachments

cap board test.jpg bas cap board test panel.jpg

Cap board test concept attached.

Best Regards,
Mike

Michael D. Fox, 765-451-8240, FAX: 765 451-7156
General Motors Components Holdings, LLC, 2100 E Lincoln Rd, Kokomo IN 46902,
Michael.Fox@gmch.com
http://kokomogmch.com

-----reena.datta@gm.com wrote: -----
To: david.e.miller@gmch.com, michael.fox@gmch.com
From: reena.datta@gm.com
Date: 11/02/2012 12:19PM
Cc: gary.backs@gmch.com, hossein.lotfalian@gmch.com, cole.buttry@gmch.com
Subject: eAssist Test Options

All,
Please review and send feedback to David and Mike. We plan to discuss the options again today at 2PM in the conference room.

Reena

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=

[attachment "eAssist_CapBoardScreening_02Nov2012.pptx" removed by Michael Fox/GMch]

Gary Backs
<gary.backs@gmch.com>

11/07/2012 05:10 PM

To reena.datta@gm.com
cc
bcc
Subject Notes from Today

1 attachment

Capboard Hipot test verification plan.pptx

Capacitor board testing.

Update

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Len Chalawa/US/GM/GMC To

11/07/2012 02:27 PM cc Kristin L Curran/US/GM/GMC@GM, "Weaver, Daniel J" <daniel.weaver@gmch.com>, Kevin Diviney/US/GM/GMC@GM, Julie

bcc

Subject Re: Fw: Expedite Account Number

Sorry,
My error, the FedEx account number is - 466919-624

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Len Chalawa | Kristan, Yes I am the person that sets... | 11/07/2012 02:01:44 PM

From: Len Chalawa/US/GM/GMC
To: Kristin L Curran/US/GM/GMC@GM
Cc: "Weaver, Daniel J" <daniel.weaver@gmch.com>, Kevin Diviney/US/GM/GMC@GM, Julie Cumo/C/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM
Date: 11/07/2012 02:01 PM
Subject: Re: Fw: Expedite Account Number

Kristan,
Yes I am the person that sets up Projects and Shipments from the WPC.
I had provided the information on Ground Shipments Haz-Material in the past, and normal FedEX shipment -
(see my note to Joe Helias 10/31/12) you and Julie were copied.

P/N's, not listed under my projects: 24259770, 22948845 (eAssist PowerPack)

that should be shipped Central Transport, Haz Material, charge - GM Cisco Code #66001

I authorize only to Kokomo Shipments
only to the above POU, and only the P/N's Listed.
These parts may be directed to the WPC by Brand Quality

Kristin L. Curran kristin.curran@gm.com

FedEx shipments (If Not Hazardous Material), charge - account #FedEx-4[redacted]
I authorize only to Kokomo Shipments

My Projects BPIM/APM - Projects: 53939.001 / .002 / .003 / .004 / .005
P/N's: 12635717, 12650851
(APM/BPIM) (V2542 included, expiring 2/28/13)

24251562, 24248171, 24246200
(Gen-I APM)

If you have any additional yestions, please let me know.
Thank you.

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Kristin L Curran	Hi Len, Reena thought you might be...	11/07/2012 01:17:02 PM
Kristin L Curran	Hi Dan, Here is an update on some of...	11/07/2012 11:06:52 AM

Reena Datta/US/GM/GMC
11/08/2012 08:37 AM

To gary.backs@gmch.com
cc
bcc
Subject Fw: File for BPIM

1 attachment

BPIM connector gap.pptx

-----Forwarded by Reena Datta/US/GM/GMC on 11/08/2012 08:37AM -----
To: Reena Datta/US/GM/GMC@GM
From: Daniel D. Cottrell/US/GM/GMC
Date: 11/08/2012 08:36AM
Subject: File for BPIM

Reena,
Attached is a file with my first thought about how we might close up the connector gap on the side of the BPIM. Please use this as a thought starter.

(See attached file: BPIM connector gap.pptx)

Thanks,
Dan Cottrell
Electrification Vehicle System Engineer, eAssist Propulsion System
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

"David E. Miller" <david.e.miller@gmch.com>

11/09/2012 11:20 AM

To James Fortune <james.fortune@gmch.com>, Hossein Lotfalian <hossein.lotfalian@gmch.com>, Jack Shadday <jack.shadday@gmch.com>, david.p.buehler@delphi.com,
cc Gary Backs <gary.backs@gmch.com>, reena.datta@gm.com

bcc

Subject Power Electronics BAS+ Cap Board Meeting

All,

Please plan to attend a meeting at 3:00 today (11/9) in conference room GMCH C to discuss the following topics:

- Update on HiPot testing inluding 2nd fixture - Hoss
- Update on HiPot testing qualification plan - Hoss
- Update on Nanya internal HASL process qualification plan - Fortune
- BPIM sippression enhancement test plan -Datta

David E Miller
Power Electronics & Sensors & Power Module
Manufacturing Engineering Group Manager
Tel: 765-451-8855

General Motors Components Holdings, LLC
2100 E Lincoln Road - M/S 9132
Kokomo, IN 46902

Joseph Thompson <joseph.thompson@gmch.com>

11/26/2012 09:34 AM

To "reena datta" <reena.datta@gm.com>, Michael Thompson <michael.thompson@gmch.com>
cc Hossein Lotfalian <hossein.lotfalian@gmch.com>
bcc
Subject Test Unit PTP files

Attached are the PTP file dumps from the pack that was programmed in the lab.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

ReenaTestUnit.piz

Joseph Thompson <joseph.thompson@gmch.com>

11/26/2012 07:27 PM

To "frederick billotto" <frederick.billotto@gm.com>, "rick schroeder" <rick.schroeder@gm.com>, "reena datta" <reena.datta@gm.com>
cc Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian <hossein.lotfalian@gmch.com>
bcc
Subject Cap board units data dump files

3 attachments

WAR361CapBoard.piz War365CapBoard.piz BPIM279 09_28_2012.piz

Attached are the data dump zip files from three of the cap board units. Please let me know if you have any questions.

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

Reena Datta/US/GM/GMC
11/27/2012 10:09 AM

To Gary Backs <gary.backs@gmch.com>
cc
bcc
Subject Re: eAssist - scheduling a meeting to discuss autocode testing

Hi Gary,

Regarding the temperature profile for the board test, as I recall there were two pieces of information that we were going to use: the TC data from the vehicle test that Tony provided and the high temperature durability testing from PV. We have the former. Last I heard we were waiting to get the temp profile of the latter from Hoss. Worst case, we can put something together based on the TC data from the vehicle test.

Reena

Gary Backs	I think that is a good cross-section. Al...	11/27/2012 09:59:22 AM

From: Gary Backs <gary.backs@gmch.com>
To: reena.datta@gm.com
Date: 11/27/2012 09:59 AM
Subject: Re: eAssist - scheduling a meeting to discuss autocode testing

I think that is a good cross-section.

Also, we have yet to define a test profile for the board test. that will stop our progress by Thursday. I know the steam is no longer behind that activity, but if we are going to finish, some effort is needed to come to a consensus on what a TC schedule would look like.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: Gary Backs <gary.backs@gmch.com>
From: reena.datta@gm.com
Date: 11/27/2012 09:40AM
Subject: Re: eAssist - scheduling a meeting to discuss autocode testing

Hi Gary,

8:30AM tomorrow works for me. I sent a note to Rick Schroeder to see if he can attend at that time. I will

send an invite when I get his reply.

Other GM people to attend - Milton Martinez. Other GMCH people - Mike Thompson and maybe David Miller and Jack Shadday (David and Jack were invited to our last meeting). As for Delphi people, I will include Dave Buehler and Mike Varnau. Anyone else?

Reena

From: Gary Backs <gary.backs@gmch.com>
To: reena.datta@gm.com
Date: 11/27/2012 09:23 AM
Subject: Re: eAssist - scheduling a meeting to discuss autocode testing

Today does not look good. Tomorrow at 830am is works for Hoss/Joe, I would have to join by mobile.

Who else do you think you need? Have you contacted Delphi for participation?

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: Gary Backs <gary.backs@gmch.com>
From: reena.datta@gm.com
Date: 11/27/2012 08:53AM
Subject: eAssist - scheduling a meeting to discuss autocode testing

Hi Gary,

Do you and the team have time today or tomorrow to discuss upcoming autocode testing? I think a 30 min meeting should suffice. Please let me know. I can send a meeting invite if it makes it easier for you.

Reena

Notes from our last meeting:

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=

[attachment "eAssist_BPIM-Autocode-Testing-Notes_14Nov2012.docx" removed by Gary Backs/GMch]

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=

Reena Datta/US/GM/GMC
11/27/2012 12:19 PM

To Gary Backs <gary.backs@gmch.com>
cc
bcc
Subject Re: eAssist Cap Board Failures

Hi Gary,

I do not know of anyone putting together a summary sheet for the cap failures. I can work with Dan Weaver to generate something - I have some info on each (warranty return number, VIN, TAC case) but don't seem to have all info for each return.

There are a total of five failures - the most recent being the on from PA which we just learned of yesterday.

I will try to get something together before the 4PM meeting tomorrow.

Reena

Gary Backs | Reena, Is anybody putting together... | 11/27/2012 12:06:21 PM

From: Gary Backs <gary.backs@gmch.com>
To: reena.datta@gm.com
Date: 11/27/2012 12:06 PM
Subject: eAssist Cap Board Failures

Reena,

Is anybody putting together a tracking sheet similar to what you pulled together for the Powerboards?

As I look at the returns analyzed so far:

Return #	Failure mode:
322	Catastrophic Cap board during Campaign test
365	Catastrophic Cap board during Campaign test
361	Catastrophic Cap Board during Campaign test
279	Cap board open @ 175 customer miles (non-catastrophic)

Are there any more returns? I know we have indicated that the stress test can be part of any customers normal usage, but the frequency associated with the stress test versus field failures begs the question....

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Gary Backs <gary.backs@gmch.com>
11/29/2012 10:34 AM

To reena.datta@gm.com
cc
bcc
Subject Re: eAssist - Summary of Cap Board Returns

Joe and I reviewed the work order. It reflects the routine, but also is not specific when it failed.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: Gary Backs <gary.backs@gmch.com>
From: reena.datta@gm.com
Date: 11/29/2012 10:27AM
Cc: Daniel Weaver <daniel.weaver@gmch.com>
Subject: Re: eAssist - Summary of Cap Board Returns

Hi Gary,

Please see the TAC case for Pack 365 attached:

It does not explicitly say that it failed while running SUB12238. I will send a follow-up note to Kristin and ask what she learned when she spoke with that dealership. I will cc you and Dan.

Reena

From: Gary Backs <gary.backs@gmch.com>
To: reena.datta@gm.com, Daniel Weaver <daniel.weaver@gmch.com>
Date: 11/29/2012 10:20 AM
Subject: eAssist - Summary of Cap Board Returns

I reviewed the paperwork on #365. The paperwork suggests this case also occurred during the SUB12238 procedure. Can this be confirmed through the TAC paperwork or through direct contact with the dealer?

We need to confirm 365 and the most recent case w/TBD's , but it remains that the catastrophic cap board failures appear to have all occurred during the course of the SUB12238 procedure and only a single warranty failure for a cap board exists in a customers hands.

This remains an observation, additional data is needed.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----
To: frederick.billotto@gm.com
From: reena.datta@gm.com
Date: 11/29/2012 09:55AM
Cc: mark.zerbini@gm.com, kris.sevel@gm.com, mustafa.dakroub@gm.com, cole.buttry@gmch.com, roger.rademacher@gm.com, gary.backs@gmch.com, hossein.lotfalian@gmch.com, steven.wybo@gm.com, james.fortune@gmch.com, christopher.janik@gm.com, christopher.winegarden@gm.com, mehrdad.teimor@gm.com, milton.martinez@gm.com, richard.ye@gm.com, rick.schroeder@gm.com, sean.gleason@gm.com, stephen.farris@gm.com, stephen.poulos@gm.com, tony.j.saliga@gm.com, David Worthington <david.worthington@gmch.com>, kristin.curran@gm.com, shinichiro.taki@gm.com, gary.m.insana@gm.com, bob.agresta@gm.com, davidp.1.tasky@gm.com, calvin.a.goodman@gm.com, jacob.d.bylsma@gm.com, daniel.d.cottrell@gm.com, steve.bunce@gm.com, paul.zombory@gm.com, len.chalawa@gm.com, ronn.jamieson@gm.com
Subject: eAssist - Summary of Cap Board Returns

All,

Please see the attached spreadsheet for a summary of the cap board returns. Please let me know if you have any feedback.

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

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=

[attachment "eAssist_Cap-PCB-Returns_29Nov2012.xlsx" removed by Gary Backs/GMch]

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=

[attachment "TAC-case_71-1119599889.xlsx" removed by Gary Backs/GMch]

Gary Backs
<gary.backs@gmch.com>
11/30/2012 01:46 PM

To stephen.farris@gm.com, jacob.d.bylsma@gm.com
cc tammy.k.mcneil@delphi.com, Frederick Foxworthy <frederick.foxworthy@gmch.com>, frederick.billotto@gm.com, Hossein Lotfalian
bcc
Subject eAssist Option 3 EWO Change Release

History: This message has been forwarded.

Steve,

Option 3 EWO 1724654 is currently in process. The math data has been submitted to GM. This EWO has all subsequent change activity stopped at Delphi since the math data has yet to be returned.

Until this data is approved and released back to Delphi, we are unable to move forward with the new GMCH models to release Option 1 BPIM's.

Please define the roadblock and keep this moving. Our goal is to begin producing material next week, which will not happen absent BOM releases.

Jacob:

Please forward the EWO 1814838 for the PP releasing option 1. Numeric and Alphanumeric numbers are needed for the GM outline drawing update.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Gary Backs
<gary.backs@gmch.com>

11/30/2012 03:23 PM

To reena.datta@gm.com
cc
bcc
Subject Culled Data

1 attachment

eAssist_Cap-PCB-Returns_30Nov2012.xlsx

Very Incomplete, just trying to pull some elements for next weeks dialogue.

Dan has looked at everyone P1BOB in kokomo, does not have data summarized, but still only 1 customer warranty return. All other Cap fails have been from dealership routine.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Gary Backs
<gary.backs@gmch.com>

11/30/2012 03:59 PM

To frederick.billotto@gm.com, stephen.farris@gm.com, reena.datta@gm.com
cc
bcc
Subject WEBEX Failure

1 attachment

eAssist_Cap Board Dealer Return Investigation_30NOV2012[1].pptx

I still do not having working webex. IE is the problem I believe.

He is the file I would review this evening. We can just take excerpts as required.

Gary

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

Daniel Weaver
<daniel.weaver@gmch.com>

12/05/2012 07:40 AM

To reena.datta@gm.com
cc kristin.curran@gm.com
bcc
Subject Re: Fw: eAssist - Updated list of returns with Option 1, Pwr PCB change

call me when the 2 of you get linked up. I am available this AM

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: kristin.curran@gm.com
From: reena.datta@gm.com
Date: 12/04/2012 07:13PM
Cc: Daniel Weaver <daniel.weaver@gmch.com>
Subject: Re: Fw: eAssist - Updated list of returns with Option 1, Pwr PCB change

Hi Kristin,

Sounds good. We can try to link Dan in too. Talk with you tomorrow.

Reena

From: Kristin L Curran/US/GM/GMC
To: Reena Datta/US/GM/GMC@GM
Cc: Daniel Weaver <daniel.weaver@gmch.com>
Date: 12/04/2012 04:16 PM
Subject: Re: Fw: eAssist - Updated list of returns with Option 1, Pwr PCB change

Hi Reena,

I have Kevin Diviney's eAssist Pre-PIT tomorrow from 9-10am. How about I give you a call afterwards?

Thanks.

Kristin L. Curran|*Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com

From: Reena Datta/US/GM/GMC
To: Kristin L Curran/US/GM/GMC@GM
Cc: Daniel Weaver <daniel.weaver@gmch.com>
Date: 12/04/2012 04:04 PM
Subject: Fw: eAssist - Updated list of returns with Option 1, Pwr PCB change

---

Hi Kristin,

It sounds like returns with the Option 1 power board change (which took effect in Aug 2012) will be reviewed tomorrow during the 4PM call. I did a QIS2 search yesterday and found 13 repairs listed using the PP and BPIM/APM labor codes. Do you have time tomorrow morning to compare notes to determine which of these repairs are actual parts that will be returned to Kokomo and if there are any additional returns that we should be tracking? My morning is pretty much open so please let me know what time works well for you.

Thank you,
Reena

----- Forwarded by Reena Datta/US/GM/GMC on 12/04/2012 04:00 PM -----

From: Reena Datta/US/GM/GMC
To: Daniel Weaver <daniel.weaver@gmch.com>
Cc: Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>
Date: 12/03/2012 10:46 AM
Subject: eAssist - Updated list of returns with Option 1, Pwr PCB change

---

Hi Dan,

Attached is an updated list of claims with the Option 1, power board change. There are now 13 repairs listed. Please let me know if any of these returns have reached Kokomo and the status of their analysis.

Thank you,
Reena

[attachment "QIS2_Option1_PwrPCB_Warranty-Claims_03Dec2012.xlsx" deleted by Kristin L Curran/US/GM/GMC]

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=

Daniel Weaver
<daniel.weaver@gmch.com>

12/05/2012 10:40 AM

To kristin.curran@gm.com

cc kevin.diviney@gm.com, tony.j.saliga@gm.com, reena.datta@gm.com

bcc

Subject Re: eAssist BPIM/Powerpack Summary (Week of 11/26) [ATTACHMENT REMOVED]

1 attachment

11-28-12 BPIM Powerpack TAC .xlsx

Here is your chart with the ones I have seen identified in yellow. FYI the ones in orange are post option 1 bds or units you have identified for GMCH to be watching for. i.e. PA unit TAC [redacted] The missing numbers i.e. WAR 387, 388,399 and 402 were not on the TAC list but we received parts. As you can see there are many parts that we have not seen in Kokomo but are on your TAC list listed below arethe ones from June and July that we have not seen yet.

1G4GC5ER5CF[redacted]		July 2nd	12/9/2011	Unsold	1307	7/2/2012	203
1G4GA5ERXC[redacted]		July 2nd	11/22/2011	2/24/2012	1315	7/2/2012	220
1G11F5RR3DF[redacted]		July 30th	2/9/2012	7/31/2012	2027	8/1/2012	172
1G11F5RRXDF[redacted]		July 16th	4/2/2012	7/16/2012	2082	7/17/2012	105
1G11D5RR3DF[redacted]		July 16th	4/27/2012	Unsold	2115	7/16/2012	79
1G11D5RR9DF[redacted]		July 2nd	5/2/2012	6/29/2012	2117	7/2/2012	60
1G4GD5ER9C[redacted]		July 30th	5/8/2012	6/20/2012	2124	7/31/2012	83
1G11D5RR1DF[redacted]		July 9th	5/9/2012	6/6/2012	2124	7/13/2012	64
1G11F5RR1DF[redacted]		July 30th	5/18/2012	Unsold	2137	7/30/2012	72
1G11D5RR7DF[redacted]		July 9th	5/22/2012	7/2/2012	2138	7/13/2012	51
1G11F5RR3DF[redacted]		July 16th	5/23/2012	7/16/2012	2139	7/19/2012	56
1G11F5RRXD[redacted]		July 30th	6/1/2012	7/31/2012	2144	8/3/2012	62
1G11F5RR0DF[redacted]		July 23rd	6/27/2012	Unsold	2165	7/25/2012	28
1G4GC5ER6D[redacted]		July 23rd	6/29/2012	6/30/2012	2171	7/26/2012	27

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----kristin.curran@gm.com wrote: -----
To: kevin.diviney@gm.com, reena.datta@gm.com, stephen.cichy@gm.com, stephen.farris@gm.com, jacob.d.bylsma@gm.com, frederick.billotto@gm.com, len.chalawa@gm.com, tony.j.saliga@gm.com, daniel.weaver@gmch.com, brian.1.ciaverella@gm.com, mark.w.wright@gm.com
From: kristin.curran@gm.com
Date: 12/03/2012 03:01PM
Cc: robert.c.wittmann@gm.com, ryan.brown@gm.com, carrie.harvey@gm.com, elizabeth.norwood@gm.com
Subject: eAssist BPIM/Powerpack Summary (Week of 11/26)

All,

Attached data includes BPIM and Powerpack requests through November 30th. Claims since last update are in grey. There were 84 BPIM/Powerpack orders the week of November 26th.

Thank you,

Kristin L. Curran|*Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com

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[attachment "03Dec12 BPIM Powerpack TAC CASES FROM 27Jun12.xls" removed by Daniel Weaver/GMch]
This attachment was removed from this location in this message.

Name: Image._1_0936A76809369F38006DE7C185257AC9.gif
Type: image/gif
Size: 26970

Hossein Lotfalian <hossein.lotfalian@gmch.com>

12/05/2012 03:10 PM

To Gary Backs <gary.backs@gmch.com>, stephen.farris@gm.com, frederick.billotto@gm.com, reena.datta@gm.com

cc James Fortune <james.fortune@gmch.com>, Cole Buttry <cole.buttry@gmch.com>, "David E. Miller" <david.e.miller@gmch.com>

bcc

Subject 2PLY cap and control board verification update.

1 attachment

2PLY Cap_control boards verification plan12-05-12.pptx

All,
Please see attached verification plan update.

Regards,
Hossein Lotfalian
GMCH Kokomo
Product Engineering Manager
Tel_765-451-7042
Fax_765-451-7772
General Motors Components Holdings, LLC

Daniel Weaver
<daniel.weaver@gmch.com>

12/06/2012 01:19 PM

To Gary Backs <gary.backs@gmch.com>, James Fortune <james.fortune@gmch.com>, "Frederick Billotto" <frederick.billotto@gm.COM>, kevin.diviney@gm.COM,
cc
bcc
Subject revised Re: TAc case week of BPIM build chart

I had the wrong start date for the targeted VIN's should have been 3-15-12 not 6-15-12. Chart has been updated.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Daniel Weaver/GMch wrote: -----
To: "Frederick Billotto" <frederick.billotto@GM.com>, stephen.farris@gm.com, reena.datta@gm.com, kevin.diviney@gm.com
From: Daniel Weaver/GMch
Date: 12/06/2012 11:30AM
Cc: James Fortune/GMch@GMch, Gary Backs/GMch@GMch
Subject: TAc case week of BPIM build chart

The attached chart was updated to include all TAC cases reported through 11-26-12 and was put together to address Fred's question during yesterdays PDT meeting . The charts shows all TAC cases reported not just ones received at GMCH or confirmed to be Isolation issues.

Please call if you have questions.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

[attachment "BPIM week of build chart only.pptx" removed by Daniel Weaver/GMch]

BPIM week of build chart only.pptx

James Fortune
<james.fortune@gmch.com>

12/11/2012 10:35 AM

To "reena datta" <reena.datta@gm.com>
cc
bcc
Subject Fw: RE: New eAssist Board Samples Cross Sections

Reena,

Here are the cross sections. They are not a side by side, we focused on verifying the construction only.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----Forwarded by James Fortune/GMch on 12/11/2012 10:34AM -----
To: "Gust, Joe F" <joe.gust@gmch.com>
From: "Frantz, Rodney P" <Rodney.P.Frantz@delphi.com>
Date: 08/12/2012 03:18PM
Cc: David Worthington <david.worthington@gmch.com>, "Fortune, James L" <james.fortune@gmch.com>
Subject: RE: New eAssist Board Samples

(See attached file: BAS-Plus dielectric thickness increase Sections 8-12-12.ppt)

Joe,

Here is the data on the 4 sections from the 2 boards that you brought over late Fri. night. Call me on my cell if any questions.

Thanks,
Rod

From: Joe Gust [mailto:joe.gust@gmch.com]
Sent: Friday, August 10, 2012 8:17 PM
To: Frantz, Rodney P
Cc: David Worthington; Fortune, James L
Subject: New eAssist Board Samples
Importance: High

Rod,

The two new sample eAssist power boards arrived and are now in the suppler/customer drop box in the CTC Lobby, as requested. Thank you for doing them this weekend. We look forward to the results by Sunday night.

We would like two cross sections from each board, in the same general areas as the 15 piece sample you did earlier. Please take the same photos and measurements as last time for direct comparison. Please "copy all" with your findings.

Thanks again.

Joe F. Gust
Sr. Supplier Quality Engineer
Shainin Red X Master / 6 Sigma Black Belt
General Motors Components Holdings, LLC
Point Of Use: 0993-0R10-2FP7
2603 S. Goyer Rd. Mail Station 6038
Kokomo, IN USA 46904-9004
Phone: (765) 451-7907
Email: joe.gust@gmch.com
http://kokomogmch.com

BAS-Plus dielectric thickness increase Sections 8-12-12.ppt

Joseph Thompson <joseph.thompson@gmch.com>

12/11/2012 11:44 AM

To Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian <hossein.lotfalian@gmch.com>, "frederick billotto" <frederick.billotto@gm.com>, "reena datta"

cc

bcc

Subject Warranty 405 PTP Files [ATTACHMENT REMOVED]

Attached are the PTP files pulled from warranty 405 cap board.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

```
This attachment was removed from this location in this message.

Name: Warranty405.zip
Type: application/zip
Size: 3812571
```

Joseph Thompson <joseph.thompson@gmch.com>

12/11/2012 02:05 PM

To Joseph Thompson <joseph.thompson@gmch.com>

cc Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian <hossein.lotfalian@gmch.com>, "frederick billotto" <frederick.billotto@gm.com>, "reena datta"

bcc

Subject Re: Warranty 405 PTP Files

1 attachment

Warranty405.piz

Resending as piz file

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----Joseph Thompson/GMch wrote: -----
To: Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, "frederick billotto" <frederick.billotto@gm.com>, "reena datta" <reena.datta@gm.com>, "rick schroeder" <rick.schroeder@gm.com>
From: Joseph Thompson/GMch
Date: 12/11/2012 11:44AM
Subject: Warranty 405 PTP Files

Attached are the PTP files pulled from warranty 405 cap board.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

[attachment "Warranty405.zip" removed by Joseph Thompson/GMch]

Reena Datta/US/GM/GMC
12/13/2012 08:32 AM

To Joseph Thompson <joseph.thompson@gmch.com>
cc
bcc
Subject Re: NTF units

Hi Joe,

Sorry to have missed your call last night - had my exam...

Here is part 2 of your question. I'm not finding my NTF notes quickly at the moment. I will find them and let you know which units we discussed.

How's your knee doing?

Reena

eAssist_TAC-cases_Option1-PwrPCB_12Dec2012.xlsx

Joseph Thompson	Reena, can you tell me the unit #s...	12/12/2012 08:50:55 PM

From: Joseph Thompson <joseph.thompson@gmch.com>
To: "reena datta" <reena.datta@gm.com>
Date: 12/12/2012 08:50 PM
Subject: NTF units

Reena, can you tell me the unit #s that we discussed at the last NTF meeting? If I can I will try to do the hot bench check before the holiday.

Also, do you have the list of 27 packs after the option one date? I will look for them as packs come in if Dan is not in.

Thanks.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

{In Archive} Re: eAssit - NTF Meeting Agenda Jan 9, 2013

Joseph Thompson to : reena datta

Cc: Daniel Weaver, "david.deal", "frederick billotto", Gary Backs, "jacob.d.bylsma", James Fortune, "kevin.diviney", "tony.j.saliga"

From: Joseph Thompson <joseph.thompson@gmch.com>

To: "reena datta" <reena.datta@gm.com>

Cc: Daniel Weaver <daniel.weaver@gmch.com>, "david.deal" <david.deal@gm.com>, "frederick billotto" <frederick.billotto@
<jacob.d.bylsma@gm.com>, James Fortune <james.fortune@gmch.com>, "kevin.diviney" <kevin.diviney@gm.com>, "l
"rick schroeder" <rick.schroeder@gm.com>, "stephen farris" <stephen.farris@gm.com>, "tony.j.saliga" <tony.j.saliga@g

Archive: This message is being viewed in an archive.

Reena, I checked a few BPIM NTF units at the bench while hot. All units listed below passed isolation check and APM / BPIM function. BPIM unit 114 failed for a defective U31. This is the same failure mode and build date as warranty pack 7.

Units Checked Hot
133, 203, 220, 249, 257, 275, 333, 165, 177

Thanks

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----reena.datta@gm.com wrote: -----
To: daniel.weaver@gmch.com, david.deal@gm.com, frederick.billotto@gm.com, gary.backs@gmch.com, jacob.d.bylsma@gm.com, james.fortune@gmch.com, joseph.thompson@gmch.com, kevin.diviney@gm.com, len.chalawa@gm.com, mark.w.wright@gm.com, stephen.farris@gm.com, tony.j.saliga@gm.com
From: reena.datta@gm.com
Date: 01/08/2013 01:10PM
Cc: rick.schroeder@gm.com
Subject: eAssit - NTF Meeting Agenda Jan 9, 2013

Hi Everyone,

Please see the NTF meeting agenda below for tomorrow's meeting. Please let me know if you have any feedback.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

eAssist No Trouble Found Meeting

Wednesday, January 9, 2013
3:00 PM – 4:00 PM EST

Invitees (Attendees in Bold):
Daniel Weaver, David Deal, Frederick Billotto, Gary Backs, Jacob D Bylsma, James Fortune, Joseph Thompson, Kevin Diviney, Len Chalawa, Mark W. Wright, Rick H Schroeder, Stephen Farris, Tony J. Saliga

Call-in Information:
MML: (866) 226-3606 / (678) 466-7834
Code: 646 2538

Webex Meeting Information:
Meeting Link:
https://gm.webex.com/gm/j.php?ED=199511712&UID=492344932&PW=NOGJkNmUzYjc2&RT=MiMxMQ%3D%3D

Meeting Number: 960 445 572
Meeting Password: 1234

MEETING AGENDA

Finiert
Artikel
Artikel
Artikel

Ανάπτυξη Εφαρμογών για Φορητές Συσκευές

| | | |

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{In Archive} E-Assist Connector

Joseph Thompson to : tony.j.saliga, steve.bunce, rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

To: tony.j.saliga@gm.com, steve.bunce@gm.com, "rick schroeder" <rick.schroeder@gm.com>

Archive: This message is being viewed in an archive.

Can any of you help me get connector pins for the E-assist K59 Starter/Generator Control Module X1 (HP6)?

Thanks.

Joe Thompson

Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

{In Archive} New code confirmation

Joseph Thompson to : Ernie Fraley, reena datta, rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

To: Ernie Fraley <ernie.fraley@gmch.com>, "reena datta" <reena.datta@gm.com>, "rick schroeder" <rick.schroeder@gm.c

History: This message has been replied to.

Archive: This message is being viewed in an archive.

Rick, Reena, during our testing today we had failures and we would like to confirm the attached PTP files that we used. I pulled the code from a unit Ernie had programmed on the car. We then used this for the rest of the units we ran. If you have some time can you confirm if it is correct.

Reena, I will try to get with you in the morning.

Thanks
Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

{In Archive} GDS Data Files

Ernie Fraley to: rick.schroeder

From: Ernie Fraley <ernie.fraley@gmch.com>

To: rick.schroeder@gm.com

History:

This message has been forwarded.

Archive: This message is being viewed in an archive.

Rick,

See attached files. I changed the zip to piz so the files will go through the email system.

Regards,

Ernie Fraley
Sr. System Engineer
General Motors, GMCH-Kokomo
765-451-4614
ernie.fraley@gmch.com

{In Archive} Test 2 5 6 scope plots

Joseph Thompson to : rick schroeder

From: Joseph Thompson <joseph.thompson@gmch.com>

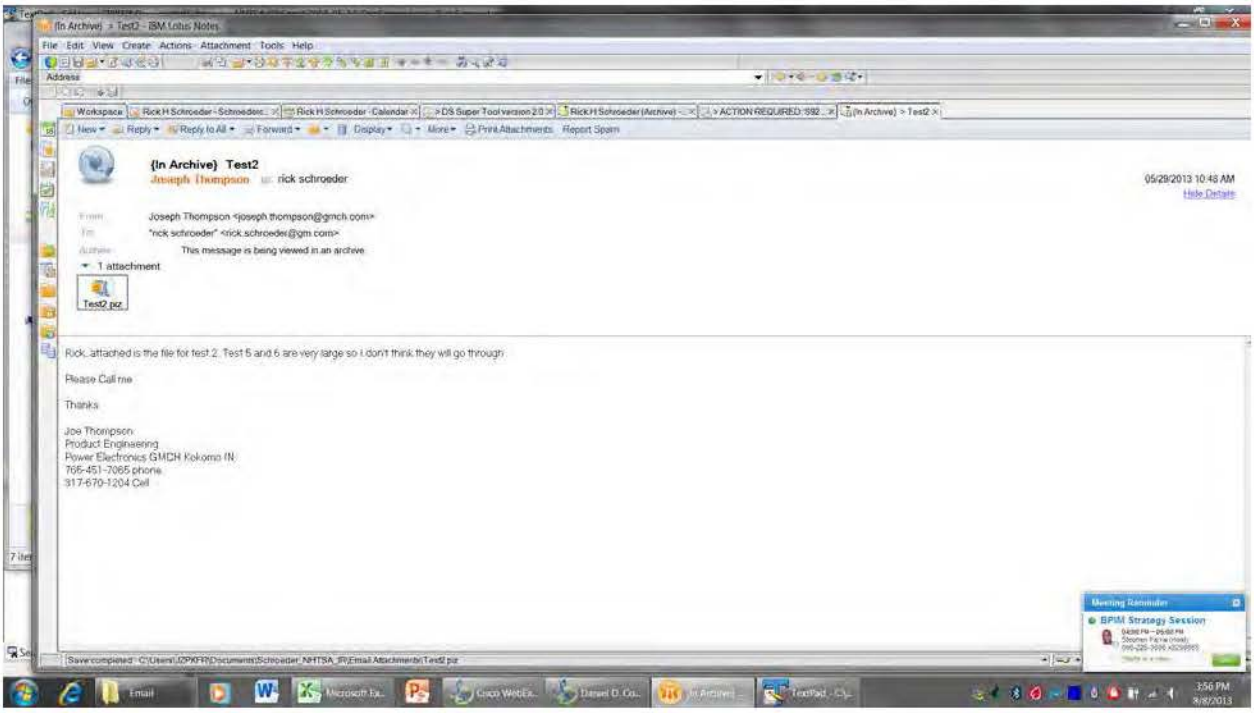
To: "rick schroeder" <rick.schroeder@gm.com>

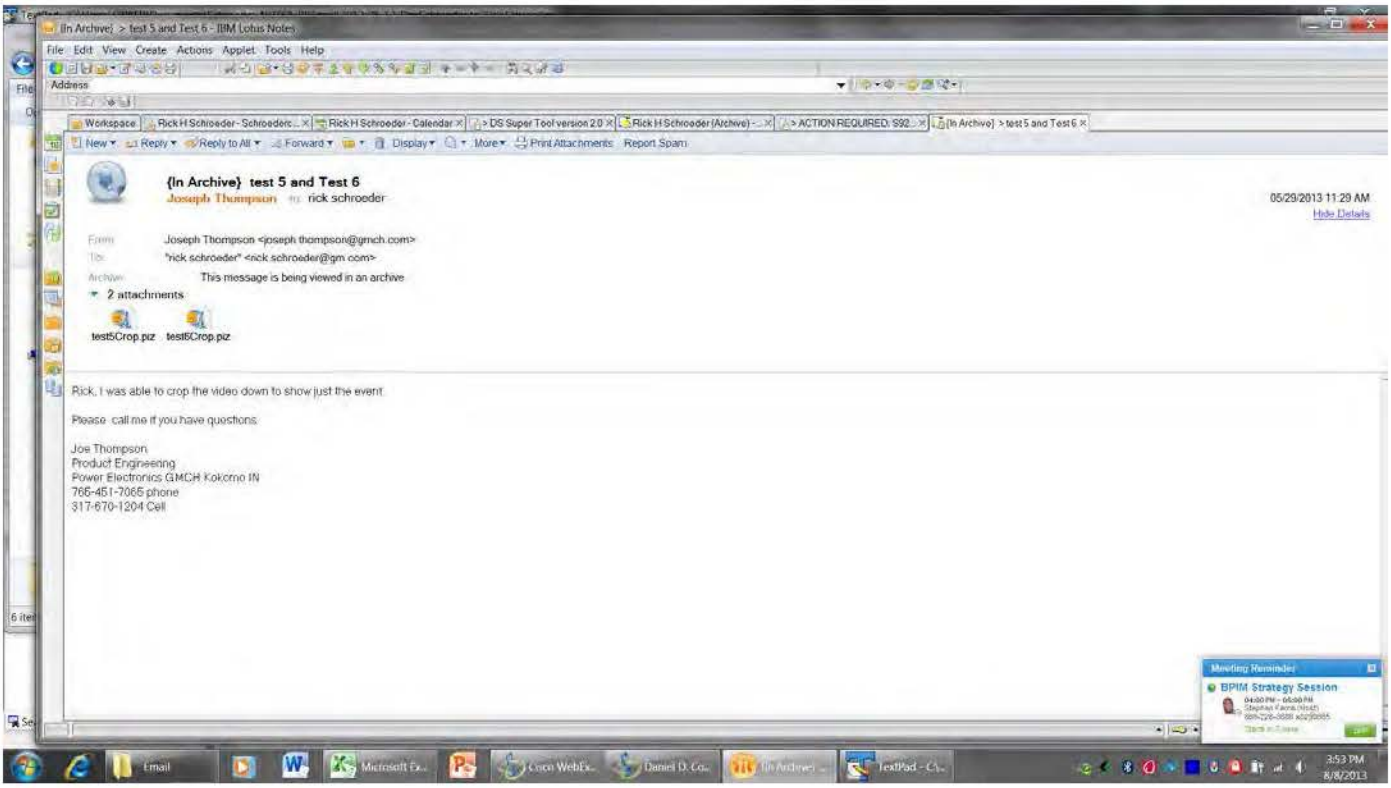
Archive: This message is being viewed in an archive.

Scope traces for T 2 5 6

Joe Thompson
Product Engineering
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell


{In Archive} Test2 - IBM Lotus Notes
File Edit View Create Actions Attachment Tools Help
{In Archive} Test2
Joseph Thompson rick schroeder
05/29/2013 10:48 AM
Hide Details
From: Joseph Thompson <joseph.thompson@gmch.com>
To: "rick schroeder" <rick.schroeder@gm.com>
Archive: This message is being viewed in an archive.
1 attachment
Test2.piz
Rick, attached is the file for test 2. Test 5 and 6 are very large so I don't think they will go through.
Please Call me
Thanks
Joe Thompson
Product Engineering
Power Electronics GMDH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
Meeting Reminder
BPIM Strategy Session
3:56 PM
8/8/2013


{In Archive} > test 5 and Test 6 - IBM Lotus Notes
File Edit View Create Actions Applet Tools Help
Address
Workspace
Rick H Schroeder - Schroeders ...
Rick H Schroeder - Calendar
> DS Super Tool version 2.0
Rick H Schroeder (Archive) - ...
> ACTION REQUIRED: S92...
{In Archive} > test 5 and Test 6
New Reply Reply to All Forward Display More Print Attachments Report Spam
{In Archive} test 5 and Test 6
Joseph Thompson to rick schroeder
05/29/2013 11:29 AM
Hide Details
From: Joseph Thompson <joseph.thompson@gmch.com>
To: "rick schroeder" <rick.schroeder@gm.com>
Archive: This message is being viewed in an archive
2 attachments
test5Crop.piz
test5Crop.piz
Rick, I was able to crop the video down to show just the event
Please call me if you have questions
Joe Thompson
Product Engineering
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
Meeting Reminder
BPIM Strategy Session
Email
3:53 PM
8/8/2013

{In Archive} Re: Warranty 405 PTP Files

Joseph Thompson to : Joseph Thompson

Cc: Gary Backs, Hossein Lotfalian, "frederick billotto", "reena datta", "rick schroeder"

From: Joseph Thompson <joseph.thompson@gmch.com>

To: Joseph Thompson <joseph.thompson@gmch.com>

Cc: Gary Backs <gary.backs@gmch.com>, Hossein Lotfalian <hossein.lotfalian@gmch.com>, "frederick billotto" <frederick
<rick.schroeder@gm.com>

History:

This message has been forwarded.

Archive: This message is being viewed in an archive.

Resending as piz file

Joe Thompson
Current Product Engineer

Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----Joseph Thompson/GMch wrote: -----
To: Gary Backs/GMch@GMch, Hossein Lotfalian/GMch@GMch, "frederick billotto" <frederick.billotto@gm.com>, "reena datta" <reena.datta@gm.com>, "rick schroeder" <rick.schroeder@gm.com>
From: Joseph Thompson/GMch
Date: 12/11/2012 11:44AM
Subject: Warranty 405 PTP Files

Attached are the PTP files pulled from warranty 405 cap board.

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

[attachment "Warranty405.zip" removed by Joseph Thompson/GMch]

Kokomo spreadsheet update for 7/15/2013

William Whitlock to : rick.schroeder

Cc: Gary Backs, Dan Schroeder, Joseph Thompson

From: William Whitlock <william.whitlock@gmch.com>

To: rick.schroeder@gm.com

Cc: Gary Backs <gary.backs@gmch.com>, Dan Schroeder <dan.schroeder@gmch.com>, Joseph Thompson <joseph.thom

Rick,
Here is my update for today.

Bill Whitlock
Electronic Assembly Product Engineering Manager
(765) 451-4612 : office

(765) 437-8746 : mobile

Re: Assistance in getting hardware for HV short test.

William Whitlock to: Dan Schroeder

Cc: Cole Buttry, Gary Backs, rick.schroeder

From: William Whitlock <william.whitlock@gmch.com>

To: Dan Schroeder <dan.schroeder@gmch.com>

Cc: Cole Buttry <cole.buttry@gmch.com>, Gary Backs <gary.backs@gmch.com>, rick.schroeder@gm.com

History:

This message has been replied to and forwarded.

Dan,
We can calculate a wire to give us this 50 ohms. On Monday morning we can do this then let Rick know and he can decide if we want to do this testing in Kokomo or up in Michigan.

Bill Whitlock

Electronic Assembly Product Engineering Manager
(765) 451-4612 : office
(765) 437-8746 : mobile

-----Dan Schroeder/GMch wrote: -----
To: rick.schroeder@gm.com
From: Dan Schroeder/GMch
Date: 07/26/2013 03:40PM
Cc: Cole Buttry/GMch@GMch, Gary Backs/GMch@GMch, William Whitlock/GMch@GMch
Subject: Re: Assistance in getting hardware for HV short test.

Rick, then only thing we found to work well at these currents was a large spool of wire.

Best Regards,

Daniel Schroeder
Electrical Engineer
dan.schroeder@gmch.com
765-451-4617
cell: 765-432-5437

-----rick.schroeder@gm.com wrote: -----
To: william.whitlock@gmch.com
From: rick.schroeder@gm.com
Date: 07/26/2013 01:47PM
Cc: cole.buttry@gmch.com, gary.backs@gmch.com, dan.schroeder@gmch.com
Subject: Assistance in getting hardware for HV short test.

Bill,
we have designed a test setup to validate the HV short software will detect a fault during a high current drive maneuver, but we need a 50amp resistor to use as the short.
I thought I remember someone from Kokomo saying that there may be such a resistor in Kokomo.

Can you help with this?

Thanks,

Rick Schroeder
BAS Plus Diagnostics
248-930-8392
rick.schroeder@gm.com
Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

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=

BAS+ APM/BPIM system DFMEA subset focussing on circuit board shorts in the HV plane

William Whitlock to: aaron.bowles, andrew.baughman, bonho.bae, daniel.d.cottrell, daniel.grenn, david.w
roger.rademacher, silva.hiti, stephen.poulos, steven.schulz, tony.j.saliga, trevor.davis
Backs, rick.schroeder

Cc: Cole Buttry, reena.datta

From: William Whitlock <william.whitlock@gmch.com>

To: aaron.bowles@gm.com, andrew.baughman@gm.com, bonho.bae@gm.com, daniel.d.cottrell@gm.com, daniel.grenn@
michael.lerman@gm.com, roger.rademacher@gm.com, silva.hiti@gm.com, stephen.poulos@gm.com, steven.schulz@
Dan Schroeder <dan.schroeder@gmch.com>, Joseph Thompson <joseph.thompson@gmch.com>, Gary Backs <gary.

Cc: Cole Buttry <cole.buttry@gmch.com>, reena.datta@gm.com

All,
Here is a copy of what we have put together as a starting point for the BAS+ electronics in the event we

have a circuit board inner layer metal short. Updates were made to the file based on today's discussion. Please review and feel free to send me suggestions if items should be modified.
Thanks and have a good weekend,

Bill Whitlock
Electronic Assembly Product Engineering Manager
(765) 451-4612 : office

(765) 437-8746 : mobile

{In Archive} GMCH Graph of Special Service Build Capability

Gary Backs to: stephen.poulos, bob.agresta 04/26/2013 09:23 PM
Cc: Julie Rethlake, Gail Bowers

Archive: This message is being viewed in an archive.

1 attachment

GMCH eAssist Service Update 27AP13.pptx

Please find attached per your request.

It is important to note; this represents GMCH full output capability beyond vehicle assembly plant and normal service requirements.

The ability of suppliers to meet our need for materials per our requested start date and rate is not yet confirmed.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

{In Archive} Re: BPIMs of interest

Len Chalawa to: Kevin Diviney 04/26/2013 09:02 AM

Cc: Daniel Weaver, Gary Backs, James Fortune, Reena Datta, Stephen Poulos, Tony J. Saliga

Archive: This message is being viewed in an archive.

BPIM # 544 - GMCH Build 7/23/12, Pre-option 1, low miles, campaign-12238, PDT Hold
BPIM # 589 - GMCH Build 9/27/12, Post opt-1, P1A6F, Sys DTC, NTF

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Kevin Diviney | Jim, Can you find out the results of the analysi... | 04/26/2013 08:51:51 AM

From: Kevin Diviney/US/GM/GMC
To: James Fortune <james.fortune@gmch.com>
Cc: Gary Backs <gary.backs@gmch.com>, Stephen Poulos/US/GM/GMC@GM, Daniel Weaver <daniel.weaver@gmch.com>, Len Chalawa/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM
Date: 04/26/2013 08:51 AM
Subject: BPIMs of interest

Jim,

Can you find out the results of the analysis for BPIMs #589 and 544. If the analysis is not done we need to do it. I need to at least verify if these are isolation issues or not.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} BPIMs of interest

Kevin Diviney to: James Fortune 04/26/2013 08:51 AM

Cc: Gary Backs, Stephen Poulos, Daniel Weaver, Len Chalawa, Reena Datta, Tony J. Saliga

Archive: This message is being viewed in an archive.

Jim,

Can you find out the results of the analysis for BPIMs #589 and 544. If the analysis is not done we need to do it. I need to at least verify if these are isolation issues or not.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} Modified Slides from 4/27 6:00pm Meeting

Sean E Gleason to: Stephen Poulos 04/27/2013 09:41 PM
Sent by: **Sean E Gleason**
Cc: Reena Datta, Mehrdad Teimor
Archive: This message is being viewed in an archive.

Sean Gleason
Senior Manager - Global Electrification Power Electronics
3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

eAssist_PCB_Summary_27Apr2013 r1.pptx

Latest reference files, to help with this weekend's BPIM work

Stephen Poulos to: Reena Datta, Sean E Gleason, Mehrdad Teimor 04/27/2013 10:16 AM

Cc: Kevin Diviney, Kristin L Curran, Christopher Janik, Bob Agresta, Gary Backs, Tony J. Saliga, Doug Wachtel

eAssist BPIM pictures.pptx eAssist_BPIM_risk_chart.pptx GMCH eAssist Service Update 27AP13.pptx

----- Forwarded by Stephen Poulos/US/GM/GMC on 04/27/2013 10:09 AM -----

From: Kevin Diviney/US/GM/GMC
To: Stephen Poulos/US/GM/GMC@GM
Date: 04/26/2013 03:39 PM
Subject: File

Stephen,

I just finished with this file. I have not had the chance to go over it with the fine tooth comb yet.

Population Risk Analysis_26APR13 KD.xlsx

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} Saturday evening draft - BPIM pitch

Stephen Poulos to: Bob Agresta, Christopher Janik, Daniel D. Cottrell, Doug Wachtel, gary.backs, Kevin Diviney, Kristin L Curran, Reena Datta,

04/27/2013 07:56 PM

Archive: This message is being viewed in an archive.

All,

Needs more work, but this version includes some of the changes we discussed tonight and wanted to get it to you so you can soak on the options.

Stephen

eAssist_BPIM_background_and_proposal.pptx

{In Archive} Fw: eAssist BPIM final review prior to John C/Alicia B-D meeting Monday 6 am

Bob Agresta to: Ronald P. Mills 04/28/2013 05:19 PM

Cc: "Gary Backs", Stephen Poulos

History: This message has been replied to.

Archive: This message is being viewed in an archive.

Ron - There is a 7pm preview of the BPIM situation with Leadership.

You should get a meeting invitation but this is a copy of my calendar entry.

Bob

-----Forwarded by Bob Agresta/US/GM/GMC on 04/28/2013 05:17PM -----

Calendar Entry:
Meeting

Basics Meeting Invitations & Reservations Options

Subject:
eAssist BPIM final review
prior to John C/Alicia B-D
meeting Monday 6 am

Start Date: Start Time: 04/28/2013 07:00 PM
Entry type: Meeting
End Date: End Time: 04/28/2013 08:00 PM

Chair:
Stephen Poulos/US/GM/GMC

Description:
Stephen Poulos invites you to an online meeting using WebEx.

Meeting Number: 960 905 066

Meeting Password: bpimfield

To join this meeting (Now from mobile devices!)
---
1. Go to https://gm.webex.com/gm/j.php?J=960905066&PW=NZjM0MDE3NTlk
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: bpimfield
4. Click "Join".
5. Follow the instructions that appear on your screen.

Teleconference information

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:
Call-in toll-free number: 1-8662263606 (US)
Call-in number: 1-6784667834 (US)
Show global numbers: https://www.tcconline.com/offSite/OffSiteController.jpf?cc=4141543
Conference Code: 414 154 3

http://www.webex.com

CCP:+16784667834x4141543#

IMPORTANT NOTICE: This WebEx service includes a feature that allows audio and any documents and other materials exchanged or viewed during the session to be recorded. By joining this session, you automatically consent to such recordings. If you do not consent to the recording, discuss your concerns with the meeting host prior to the start of the recording or do not join the session. Please note that any such recordings may be subject to discovery in the event of litigation.

Your Notes:

{In Archive} Presentation for 6:00 am Monday eAssist BPIM call

Stephen Poulos to: Bob Agresta, Christopher Janik, Doug Wachtel, Daniel D. Cottrell, gary.backs, Kristin L Curran, Kevin Diviney, Reena

04/28/2013 11:17 PM

Archive: This message is being viewed in an archive.

All,

Here are the final slides for the 6:00 am Monday call with John Calabrese and Alicia Boler-Davis regarding the eAssist BPIM isolation failures. This should reflect the changes and the recommendation agreed to on our Sunday 7 pm call.
Please reply to all with any last minute comments or changes. Thanks to everyone who worked diligently over the weekend to help pull this material together.

Stephen

eAssist_BPIM_background_and_proposal.pptx

Privileged and Confidential - Prepared at the Request of Counsel

{In Archive} Re: Thanks and next steps for eAssist BPIM

Bob Agresta to: Doug Wachtel 04/29/2013 05:02 PM
Cc: Scott Wilson, Stephen Poulos

Archive: This message is being viewed in an archive.

Thanks Doug.

We'll be there to support when we get to that point.

Bob

Bob Agresta
Director - Global Program Execution
Global Electrification
E-mail: Bob.Agresta@gm.com
Mobile: 248-330-6295
Office: 248-857-0933
Admin: 248-857-8317 (Marcia Jackson)

Doug Wachtel | Bob, GMNA will be making the Field Action d... | 04/29/2013 04:03 PM EDT

From: Doug Wachtel
To: Bob Agresta
Cc: Scott Wilson; Stephen Poulos
Date: 04/29/2013 04:03 PM EDT
Subject: Re: Thanks and next steps for eAssist BPIM

Bob,
GMNA will be making the Field Action decision on this issue, and it will be executed by the quality organizations in the affected regions.
We work with Kevin O'Neil and Zheng Xin at SGM.
and Edson Monteforte and Sunggi Kang in Korea.
These folks also manage the discussions with their governments.
Doug

Bob Agresta | Doug, Outline the communication and people y... | 04/29/2013 02:44:46 PM

From: Bob Agresta/US/GM/GMC
To: Doug Wachtel/US/GM/GMC@GM
Cc: Scott Wilson/CN/GM/GMC, Stephen Poulos/US/GM/GMC@GM
Date: 04/29/2013 02:44 PM
Subject: Re: Thanks and next steps for eAssist BPIM

Doug,

Outline the communication and people you will engage. Our Regional PM (Scott Wilson) can and will assist in any communications and clarifications the are needed. He is resident in Shanghai and speaks the language so he can be a real asset.

Bob

Bob Agresta
Director - Global Program Execution
Global Electrification
E-mail: Bob.Agresta@gm.com
Mobile: 248-330-6295
Office: 248-857-0933
Admin: 248-857-8317 (Marcia Jackson)

Doug Wachtel	Stephen, Chris, I, and the GMNA FPE team...	04/29/2013 12:06 PM EDT

From: Doug Wachtel
To: Stephen Poulos
Cc: Bob Agresta; Carmen Benavides; Christopher Janik; Daniel Cottrell; Gary Backs <gary.backs@gmch.com>; Keith N
Savagian; Reena Datta; Sean Gleason; Tony Saliga; William Kemp
Date: 04/29/2013 12:06 PM EDT
Subject: Re: Thanks and next steps for eAssist BPIM

Stephen,
Chris, I, and the GMNA FPE team will coordinate the needed actions with the Korea and SGM FPE teams.
If they have any technical questions, we will contact you.
Doug

Stephen Poulos	All, Following our review of the eAssist BPIM is...	04/29/2013 07:36:38 AM

{In Archive} Re: Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Kelli Mandeville to: Stephen Poulos 05/01/2013 03:04 PM
Cc: Carmen Benavides, Frank Schauerte, Karen L. Stewart, Mehrdad Teimor, Michael E. Polom, Philip Brodzik, Sean E Gleason, Tony J. Saliga, BRUCE B WILLIS

From: Kelli Mandeville/US/GM/GMC
To: Stephen Poulos/US/GM/GMC@GM
Cc: Carmen Benavides/US/GM/GMC@GM, Frank Schauerte/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Michael E. Polom/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM, Sean E

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Bruce Willis will be available as long as the team requires tonight. He can provide assistance/tools as well as approval for any high voltage tests that may be required.

Kelli J. Mandeville
Engineering Group Manager
Hybrid Technical Support
GM Milford Proving Ground
(248) 930-7634

Stephen Poulos Mike, Phil, Please see attached. Sounds like... 05/01/2013 01:20:49 PM

From: Stephen Poulos/US/GM/GMC
To: Michael E. Polom/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM
Cc: Tony J. Saliga/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Frank Schauerte/US/GM/GMC@GM, Kelli Mandeville/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM, Carmen Benavides/US/GM/GMC@GM
Date: 05/01/2013 01:20 PM
Subject: Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Mike, Phil,

Please see attached. Sounds like you are all set as soon as the car gets in. We have a meeting at 5 pm where we really need the results of the preliminary inspection. Frank should lead the tear down and documentation, as I understand the plan. Thanks in advance,

Karen, Kelli, appreciate any help you can provide looking out for the arrival of the vehicle and expediting its movement from the gate to the designated inspection location. Thanks,

Stephen

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/01/2013 01:06 PM -----

From: Carmen Benavides/US/GM/GMC

To: Stephen Poulos/US/GM/GMC@GM
Cc: Larry T. Nitz/US/GM/GMC@GM, Doug Wachtel/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM
Date: 05/01/2013 11:36 AM
Subject: Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Stephen,
Can we make sure that we have all the necessary people, tools and any paperwork ready so that we can receive and perform the inspection late this afternoon, thanks.

Best Regards,

M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302
----- Forwarded by Carmen Benavides/US/GM/GMC on 05/01/2013 11:34 AM -----

From: Glenn A. Jackson/US/GM/GMC
To: Carmen Benavides/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, Louis Carlin/US/GM/GMC@GM
Cc: kelly.kufel@gm.com
Date: 05/01/2013 09:35 AM
Subject: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Glenn A. Jackson
Attorney
GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

{In Archive} Re: Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Stephen Poulos to: Kelli Mandeville, Karen L. Stewart, BRUCE B WILLIS, Frank Schauerte, Philip Brodzik, Tony J. Saliga, Michael E. Polom, Sean E

05/01/2013 10:47 PM

Cc: Gary Backs, Kevin Diviney, Bob Agresta, Christopher Janik, Doug Wachtel, Carmen Benavides, Larry T. Nitz

Archive: This message is being viewed in an archive.

Kelli, all,

Thanks to everyone who hustled to get the customer eAssist vehicle quickly sent to MPG, routed to the inspection location, and inspected in time to support leadership decision making Wed evening. Great job!

Frank, Gary,

Looking forward to any further details on the condition of the Powerpack, BPIM, BDU, etc. as soon as possible from the examination planned in Kokomo Thursday morning. Thanks,

Stephen

Kelli Mandeville — Bruce Willis will be available as long as the tea... — 05/01/2013 03:04:19 PM

From: Kelli Mandeville/US/GM/GMC
To: Stephen Poulos/US/GM/GMC@GM
Cc: Carmen Benavides/US/GM/GMC@GM, Frank Schauerte/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Michael E. Polom/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, BRUCE B WILLIS/US/GM/GMC@GM
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Subject: Re: Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

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Kelli J. Mandeville
Engineering Group Manager
Hybrid Technical Support
GM Milford Proving Ground
(248) 930-7634

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From: Stephen Poulos/US/GM/GMC
To: Michael E. Polom/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM
Cc: Tony J. Saliga/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Frank Schauerte/US/GM/GMC@GM, Kelli Mandeville/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM, Carmen Benavides/US/GM/GMC@GM

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Karen, Kelli, appreciate any help you can provide looking out for the arrival of the vehicle and expediting its movement from the gate to the designated inspection location. Thanks,

Stephen

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From: Carmen Benavides/US/GM/GMC
To: Stephen Poulos/US/GM/GMC@GM
Cc: Larry T. Nitz/US/GM/GMC@GM, Doug Wachtel/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM
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M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302

----- Forwarded by Carmen Benavides/US/GM/GMC on 05/01/2013 11:34 AM -----

From: Glenn A. Jackson/US/GM/GMC
To: Carmen Benavides/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, Louis Carlin/US/GM/GMC@GM
Cc: kelly.kufel@gm.com
Date: 05/01/2013 09:35 AM
Subject: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Glenn A. Jackson
Attorney
GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

{In Archive} Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Stephen Poulos to: Michael E. Polom, Philip Brodzik 05/01/2013 01:20 PM

Cc: Tony J. Saliga, Mehrdad Teimor, Sean E Gleason, Frank Schauerte, Kelli Mandeville, Karen L. Stewart, Carmen Benavides

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Karen, Kelli, appreciate any help you can provide looking out for the arrival of the vehicle and expediting its movement from the gate to the designated inspection location. Thanks,

Stephen

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From:	Carmen Benavides/US/GM/GMC
To:	Stephen Poulos/US/GM/GMC@GM
Cc:	Larry T. Nitz/US/GM/GMC@GM, Doug Wachtel/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM
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Field Performance
cell 248-535-5302

----- Forwarded by Carmen Benavides/US/GM/GMC on 05/01/2013 11:34 AM -----

From:	Glenn A. Jackson/US/GM/GMC
To:	Carmen Benavides/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, Louis Carlin/US/GM/GMC@GM
Cc:	kelly.kufel@gm.com
Date:	05/01/2013 09:35 AM
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Glenn A. Jackson
Attorney

GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

{In Archive} Re: Fw: Transport of e-assist Malibu from South Carolina to MPG

Karen L. Stewart to: Tony J. Saliga 05/01/2013 01:13 PM

Cc: BRUCE B WILLIS, Chris Roffey, Daniel D. Cottrell, gary.backs, Glenn A. Jackson, Kelli Mandeville, Kelly Kufel, Kevin Diviney, Kristin L Curran, Louis Carlin, Mehrdad Teimor, Philip Brodzik,

Archive: This message is being viewed in an archive.

ETA is today between 3 - 4 p.m.

KAREN L. STEWART // PROGRAM RESOURCE MANAGER
General Motors Milford Proving Ground
3300 General Motors Road
Milford, MI 48380
CELL: 248 953-7356

Tony J. Saliga We are expecting the vehicle to arrive at MPG... 04/29/2013 03:00:24 PM

From: Tony J. Saliga/US/GM/GMC
To: Stephen Farris/US/GM/GMC@GM, gary.backs@gmch.com, Stephen Poulos/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Daniel D. Cottrell/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM, Kevin Diviney/US/GM/GMC@GM, BRUCE B WILLIS/US/GM/GMC@GM, Kelli Mandeville/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM
Cc: Glenn A. Jackson/US/GM/GMC@GM, Louis Carlin/US/GM/GMC@GM, Kelly Kufel/C/US/GM/GMC@GM, Chris Roffey/C/US/GM/GMC@GM, Ryan Brown/US/GM/GMC@GM, Kristin L Curran/US/GM/GMC@GM
Date: 04/29/2013 03:00 PM
Subject: Fw: Transport of e-assist Malibu from South Carolina to MPG

We are expecting the vehicle to arrive at MPG on Wednesday May 1. We would like to have a look inside the BPIM before Friday so as to draw some conclusions about the failure. Stephen would like to have this information for a meeting on Fri. We know this pack set a P0CA2 3 months prior to incident. Gary, can you please make arrangements to have someone at MPG on Wednesday through Thursday to help gain as much information as possible. This person can then hand carry the power pack to GMCH for further analysis.
Kelly Kufel please keep this distribution up to date if deliver details change.
The vehicle will be in a special garage in building 16 per Kelli Mandeville.

Thanks
Anthony Saliga
Lead Propulsion Development Engineer
FWD eAssist Programs
Pontiac North Powertrain Campus
Building B Powertrain Global
823 Joslyn Road
Pontiac, MI, 48340
MC 438-730-472
Ph: 248.670.8088

----- Forwarded by Tony J. Saliga/US/GM/GMC on 04/29/2013 02:39 PM -----

From: Glenn A. Jackson/US/GM/GMC
To: Tony J. Saliga/US/GM/GMC@GM
Cc: Louis Carlin/US/GM/GMC@GM
Date: 04/29/2013 02:31 PM
Subject: Re: Transport of e-assist Malibu from South Carolina to MPG

Checking on status of transaction for us to get vehicle and transport. We need the owner (and owner attorney) to complete some steps before we can take possession and get it on the road to MPG.

Because of that, if we can't complete the transaction to get it on the road by end of day tomorrow - it may make more sense to hold it there until you can send someone to take a look.

Will follow up when there is more info.

Glenn A. Jackson
Attorney
GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

Tony J. Saliga	We need to look at this vehicle before Fri. Can...	04/29/2013 01:42:09 PM
Glenn A. Jackson	We can arrange covered transport in one of 2...	04/29/2013 12:14:30 PM

{In Archive} Re: Fw: Malibu e-assist due to arrive at MPG between 3 and 4 today per this morning update.

Karen L. Stewart to: Stephen Poulos 05/01/2013 03:49 PM
Carmen Benavides, Frank Schauerte, Kelli Mandeville, Mehrdad
Cc: Teimor, Michael E. Polom, Philip Brodzik, Sean E Gleason, Tony J. Saliga

Archive: This message is being viewed in an archive.

Vehicle has arrived at CGATE. Carrier is to be escorted to south side of building 16 to drop vehicle.

KAREN L. STEWART // PROGRAM RESOURCE MANAGER
General Motors Milford Proving Ground
3300 General Motors Road
Milford, MI 48380
CELL: 248 953-7356

Stephen Poulos Mike, Phil, Please see attached. Sounds like... 05/01/2013 01:20:49 PM

From: Stephen Poulos/US/GM/GMC
To: Michael E. Polom/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM
Cc: Tony J. Saliga/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Frank Schauerte/US/GM/GMC@GM, Kelli Mandeville/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM, Carmen Benavides/US/GM/GMC@GM
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Karen, Kelli, appreciate any help you can provide looking out for the arrival of the vehicle and expediting its movement from the gate to the designated inspection location. Thanks,

Stephen

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/01/2013 01:06 PM -----

From: Carmen Benavides/US/GM/GMC
To: Stephen Poulos/US/GM/GMC@GM
Cc: Larry T. Nitz/US/GM/GMC@GM, Doug Wachtel/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM
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Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302
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400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

{In Archive} Re: eAssist: Contacter Test Results & Analysis (866-226-3606 / 4515278)

Reena Datta to: Gary Backs/GMch 05/04/2013 04:50 PM

Cc: Bob Agresta, Daniel D. Cottrell, Mehrdad Teimor, Sean E Gleason, Stephen Poulos, Tony P. Tata

This message is digitally signed.

History: This message has been forwarded.

Archive: This message is being viewed in an archive.

eAssist_Contactor_Testing_04May2013.pptx

{In Archive} Fw: Updated Hipot slide

Sean E Gleason to: Stephen Poulos, Kevin Diviney, Daniel D. Cottrell 05/06/2013 10:15 AM
Sent by: Sean E Gleason
Archive: This message is being viewed in an archive.

Updated slide from GMCH.

Sean Gleason
Senior Manager - Global Electrification Power Electronics
3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

----- Forwarded by Sean E Gleason/US/ATD/GMC on 05/06/2013 10:14 AM -----

James Fortune <james.fortune@gmch.com>
05/06/2013 08:45 AM

To sean.gleason@gm.com
cc
Subject Updated Hipot slide

Sean,

Take a look at the attached. Just let me know if you need something more.

Jim

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or

any of its affiliates.

"Go Boilers" July August Hipot Update 5_6_13.ppt

{In Archive} Fw: eAssist: Contacter Test Results & Analysis (866-226-3606 / 4515278)

Stephen Poulos to: Kevin Diviney, Rick H Schroeder, Roger Rademacher 05/06/2013 09:08 AM

Archive: This message is being viewed in an archive.

fyi

Rick,

What limits our software response time to 3 seconds? Can we respond faster? Thanks,

Stephen

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/06/2013 09:07 AM -----

From: Reena Datta/US/GM/GMC
To: "Gary Backs/GMch" <gary.backs@gmch.com>
Cc: Bob Agresta/US/GM/GMC@GM, Daniel D. Cottrell/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM, Tony P. Tata/US/GM/GMC@GM
Date: 05/04/2013 04:50 PM
Subject: Re: eAssist: Contacter Test Results & Analysis (866-226-3606 / 4515278)

eAssist_Contactor_Testing_04May2013.pptx

{In Archive} Re: Fw: Next Meeting Date w/ NHTSA on BPIM's

Kevin Diviney to: Stephen Poulos 05/07/2013 09:51 PM

Archive: This message is being viewed in an archive.

Stephen,

Let me know if you need anything else from me.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

Stephen Poulos fyi - pls do not forward. Thks ----- Forwarded b... 05/07/2013 07:40:31 PM

From: Stephen Poulos/US/GM/GMC
To: Tony J. Saliga/US/GM/GMC@GM, Rick H Schroeder/US/GM/GMC@GM, Kristin L Curran/US/GM/GMC@GM, Kevin Diviney/US/GM/GMC@GM, Gary Backs <gary.backs@gmch.com>, Bob Agresta/US/GM/GMC@GM
Date: 05/07/2013 07:40 PM
Subject: Fw: Next Meeting Date w/ NHTSA on BPIM's

fyi - pls do not forward. Thks
----- Forwarded by Stephen Poulos/US/GM/GMC on 05/07/2013 07:36 PM -----

From: Carmen Benavides/US/GM/GMC
To: William J. Kemp/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Larry T. Nitz/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM
Date: 05/07/2013 06:50 PM
Subject: Next Meeting Date w/ NHTSA on BPIM's

Hi All
I just spoke with NHTSA and we are in agreement that the VOQ and incident on Maryland vehicle was not due to the BPIM. Having said that, we'll will reconvene our discussion on bucket A, B and C this Thursday at 9 AM.

Best Regards,

M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance

cell 248-535-5302

{In Archive} Fw: LaCrosse in MD

Stephen Poulos to: Sean E Gleason, Gary Backs 05/07/2013 03:55 PM

Archive: This message is being viewed in an archive.

FYI ... OK to exhale now ...

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/07/2013 03:53 PM -----

From: Ryan Brown/US/GM/GMC
To: Stephen Poulos/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM, Kristin L Curran/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM, Carmen Benavides/US/GM/GMC@GM, Larry T. Nitz/US/GM/GMC@GM
Date: 05/07/2013 03:42 PM
Subject: LaCrosse in MD

Privileged and Confidential - Prepared at the Request of Counsel

One of our field service engineers was able to get over to the car at the body shop this afternoon. 3 NTHSA investigators arrived just after him.
They all saw that the damage to the car was external. Covers & trim in the trunk were intact. He will be sending pictures as soon as he can get a good internet connection & I will forward.
Based on this, I did call Tony & filled him in so he could turn around.

Ryan Brown
Brand Quality Manager
Phone 586-298-7945
Email ryan.brown@gm.com

{In Archive} Fw: Next Meeting Date w/ NHTSA on BPIM's

Stephen Poulos to: Tony J. Saliga, Rick H Schroeder, Kristin L Curran, Kevin Diviney, Gary Backs, Bob Agresta 05/07/2013 07:40 PM

Archive: This message is being viewed in an archive.

fyi - pls do not forward. Thks
----- Forwarded by Stephen Poulos/US/GM/GMC on 05/07/2013 07:36 PM -----

From: Carmen Benavides/US/GM/GMC
To: William J. Kemp/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Larry T. Nitz/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM
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cell 248-535-5302

{In Archive} Re: Next Meeting Date w/ NHTSA on BPIM's

Bob Agresta to: Stephen Poulos 05/08/2013 06:02 AM

Archive: This message is being viewed in an archive.

VOQ ?

Bob

Bob Agresta
Director - Global Program Execution
Global Electrification
E-mail: Bob.Agresta@gm.com
Mobile: 248-330-6295
Office: 248-857-0933
Admin: 248-857-8317 (Marcia Jackson)

Stephen Poulos fyi - pls do not forward. Thks ----- Forwarded... 05/07/2013 07:40 PM EDT

From: Stephen Poulos
To: Tony Saliga; Rick Schroeder; Kristin Curran; Kevin Diviney; Gary Backs <gary.backs@gmch.com>; Bob Agresta
Cc:
Date: 05/07/2013 07:40 PM EDT
Subject: Fw: Next Meeting Date w/ NHTSA on BPIM's

fyi - pls do not forward. Thks
----- Forwarded by Stephen Poulos/US/GM/GMC on 05/07/2013 07:36 PM -----

From: Carmen Benavides/US/GM/GMC
To: William J. Kemp/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Larry T. Nitz/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM
Date: 05/07/2013 06:50 PM
Subject: Next Meeting Date w/ NHTSA on BPIM's

Hi All
I just spoke with NHTSA and we are in agreement that the VOQ and incident on Maryland vehicle was not due to the BPIM. Having said that, we'll will reconvene our discussion on bucket A, B and C this Thursday at 9 AM.

Best Regards,

M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302

BPIM update- diagnostic, root cause, revise plans
tel:8662263606!6605732#
Thu 05/09/2013 4:30 PM - 5:00 PM
Attendance is **required** for Stephen Poulos
Chair: **Daniel D. Cottrell/US/GM/GMC**
Location: phone

Required:	cole.buttry@gmch.com, dan.schroeder@gmch.com, gary.backs@gmch.com, joseph.thompson@gmch.com, Mehrdad Teimor/US/GM/GMC@GM, Rick H Schroeder/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Stephen
Optional:	Roger Rademacher/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC@GM

Description

To all,
We would like a short meeting to discuss status, further progress, requirements, and to review feedback from today that will change our plans and time horizon. (more time available to produce a solid diagnostic solution.)

Daniel Cottrell V invites you to attend this online meeting.

Topic: BPIM status update
Date: Thursday, May 9, 2013
Time: 4:30 pm, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 964 415 003
Meeting Password: bpim1

To join the online meeting (Now from mobile devices!)
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https://gm.webex.com/gm/j.php?ED=206155897&UID=0&PW=NMDU3NmVmNGZj&RT=MiMxMQ%3D%3D
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: bpim1
4. Click "Join".

To view in other time zones or languages, please click the link:
https://gm.webex.com/gm/j.php?ED=206155897&UID=0&PW=NMDU3NmVmNGZj&ORT=MiMxMQ%3D%3D

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Call-in toll-free number: 1-8662263606 (US)

Call-in number: 1-6784667834 (US)
Show global numbers: https://www.tcconline.com/offSite/OffSiteController.jpf?cc=6605732
Conference Code: 660 573 2

For assistance
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1. Go to https://gm.webex.com/gm/mc
2. On the left navigation bar, click "Support".

You can contact me at:
daniel.d.cottrell@gm.com

To add this meeting to your calendar program (for example Microsoft Outlook), click this link:
https://gm.webex.com/gm/j.php?ED=206155897&UID=0&ICS=MI&LD=1&RD=2&ST=1&SHA2=OhUumk3os5zQKzR7HTQ-njybfvJ-/Ep4L0nN8-pQHPQ=&RT=MiMxMQ%3D%3D

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Personal Notes

{In Archive} Detail on the 82 BPIM TREAD report cases

Kevin Diviney to: Stephen Poulos, Bob Agresta, William J. Kemp, Doug Wachtel, Christopher Janik, Carmen Benavides, Sean E Gleason, Larry T.

05/09/2013 06:16 PM

From: Kevin Diviney/US/GM/GMC

To: Stephen Poulos/US/GM/GMC@GM, Bob Agresta/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM, Doug Wachtel/US/GM/GMC@GM, Christopher Janik/US/GM/GMC@GM, Carmen Benavides/US/GM/GMC@GM, Sean E

Archive: This message is being viewed in an archive.

Attached is the detail on the 82 BPIM TREAD report cases. Call me if you have any questions.

Detail for 82 TREAD report cases.pptx

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} Re: 13 VINs of interest for NHTSA

Kevin Diviney to: Christopher Janik 05/10/2013 08:29 AM
Cc: James Fortune, Kristin L Curran, Ryan Brown, Stephen Poulos
Archive: This message is being viewed in an archive.

Not a problem Chris. GMCH has not disposed of any of their returned parts at this time. They will segregate these 13 parts and store them indefinitely in a separate location.

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

Christopher Janik | Kevin, As I mentioned yesterday, NHTSA has... | 05/10/2013 05:53:21 AM

From: Christopher Janik/US/GM/GMC
To: Kevin Diviney/US/GM/GMC@GM
Cc: James Fortune <james.fortune@gmch.com>, Kristin L Curran/US/GM/GMC@GM, Ryan Brown/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM
Date: 05/10/2013 05:53 AM
Subject: Re: 13 VINs of interest for NHTSA

Kevin,

As I mentioned yesterday, NHTSA has also asked that the returned parts for these 13 vehicles be retained indefinitely. They do not need the parts at this time, but may ask to have them in the future.

Christopher Janik
Phone: 586-907-5098
VEC Podium: 2K2-12

Kevin Diviney | Jim, The following 13 VINs are the ones that N... | 05/09/2013 06:09:08 PM

{In Archive} Re: 13 VINs of interest for NHTSA

Christopher Janik to: Kevin Diviney 05/10/2013 05:53 AM
Cc: James Fortune, Kristin L Curran, Ryan Brown, Stephen Poulos
Archive: This message is being viewed in an archive.

Kevin,

As I mentioned yesterday, NHTSA has also asked that the returned parts for these 13 vehicles be retained indefinitely. They do not need the parts at this time, but may ask to have them in the future.

Christopher Janik

Phone: 586-907-5098
VEC Podium: 2K2-12

Kevin Diviney Jim, The following 13 VINs are the ones that N... 05/09/2013 06:09:08 PM

From: Kevin Diviney/US/GM/GMC
To: James Fortune <james.fortune@gmch.com>
Cc: Kristin L Curran/US/GM/GMC@GM, Ryan Brown/US/GM/GMC@GM, Christopher Janik/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM
Date: 05/09/2013 06:09 PM
Subject: 13 VINs of interest for NHTSA

Jim,

The following 13 VINs are the ones that NHTSA is most interested in. They have been classified as severity one cases from the customer's perspective. That means there was an indication from the warranty comments or TAC case that the thermal event was not contained in the box. I have noted what is still required of GMCH. We will discuss these on our conference call tomorrow morning.

Kristin,

I have the TAC cases for DF109494 and DF118363. Can you pull the others?

VIN	Trace #	PART TYPE	RETURN NUMBER	ROOT CAUSE	Notes
1G11F5RR0D[redacted]	[redacted]	Pack	322	APM/BPIM (Cap PCB Isolation)	I already have pictures
1G11D5RR1D[redacted]	[redacted]	Pack	370	APM/BPIM (Pwr PCB HV Isolation)	Need pictures
1G11D5SR1D[redacted]	[redacted]	Pack	308	APM/BPIM (Pwr PCB LV Isolation)	Need pictures
1G11D5RR9D[redacted]	[redacted]	Pack	361	APM/BPIM (Cap PCB Isolation)	I already have pictures
1G11F5RR3D[redacted]	[redacted]	Pack	425	APM/BPIM (Cap PCB Isolation)	I already have pictures
1G11D5RRXD[redacted]	[redacted]	NO DATA	NO DATA	NO DATA	Part was never requested P1B0
1G11D5RR2D[redacted]	[redacted]	NO DATA	NO DATA	NO DATA	Part should be at GMCH, Need
1G11D5RR4D[redacted]	[redacted]	BPIM	653	Pwr PCB HV Isolation	Need pictures
1G11D5RR7D[redacted]	[redacted]	NO DATA	NO DATA	NO DATA	Warranty says they replaced BP
1G11D5RR6D[redacted]	[redacted]	NO DATA	NO DATA	NO DATA	Part was never requested P1AF
1G4GC5ER8C[redacted]	[redacted]	NO DATA	NO DATA	NO DATA	Part should be at GMCH, Need
1G4GC5ER9D[redacted]	[redacted]	Pack	195	APM/BPIM (Pwr PCB HV Isolation)	I already have pictures
1G11D5RRXDF116521	NO DATA	NO DATA	NO DATA	NO DATA	Funeral home vehicle, Need pi

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification -
Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} Re: Circuit Board Quality Requirements

Bob Agresta to: Stephen Poulos 05/24/2013 02:58 PM
Cc: Daniel D. Cottrell

Archive: This message is being viewed in an archive.

Got this too late to join.

Pass along any minutes or notes please so I can catch up.

Bob

Bob Agresta
Director - Global Program Execution
Global Electrification
E-mail: Bob.Agresta@gm.com
Mobile: 248-330-6295
Office: 248-857-0933
Admin: 248-857-8317 (Marcia Jackson)

Stephen Poulos	Bob, You are welcome to join too. Technical...	05/24/2013 01:08 PM EDT

From: Stephen Poulos
To: Bob Agresta
Cc: Daniel Cottrell
Date: 05/24/2013 01:08 PM EDT
Subject: Fw: Circuit Board Quality Requirements

Bob,

You are welcome to join too. Technical discussion around requirements and performance to requirements on current product being produced at Nan Ya. Trying to help prep Scott Wilson for his visit with organized set of technical questions. FYI,

Stephen

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/24/2013 01:03 PM -----

Circuit Board Quality Requirements

Fri 05/24/2013 1:30 PM - 2:00 PM

Attendance is for Stephen Poulos

Chair: **Daniel D. Cottrell/US/GM/GMC**
Location: conference call number below

Required: Alan Barry/US/GM/GMC@GM, gary.backs@gmch.com, james.fortune@gmch.com, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM

Description

The intent of this meeting is to discuss / verify the quality requirements for our BAS+ BPIM circuit boards manufactured by Nanya. We will have GM reps in the plant on Monday. We want to be able to prime them with the right questions to ask to insure that our 2014 parts will meet the quality specs.
Dan

Hello ,

Daniel Cottrell V invites you to attend this online meeting.

Topic: Circuit board quality
Date: Friday, May 24, 2013
Time: 1:30 pm, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 963 359 480
Meeting Password: board1

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3. If a password is required, enter the meeting password: board1
4. Click "Join".

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You can contact me at:
daniel.d.cottrell@gm.com

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Personal Notes

{In Archive} Re: *Confidential: Re: ** Confidential and Privileged ** - Nanya Recovery Investigation for eAssist Recall

Carmen Benavides to: Daniel R. Stec, Maureen Foley-Gardner 05/24/2013 09:05 AM
Cc: Sean E Gleason, Bob Agresta, Cole Buttry, Larry T. Nitz, Stephen Poulos, William J. Kemp, Frank Gorman, Scott O. Trantham, Sheri Hickok, Chris Mailloux, Tony Marsala, Kevin Diviney

Archive: This message is being viewed in an archive.

I would like to bring this up w/ Alicia and John as a round table item at our next EFADC mtg. They will provide perspective on whether to pursue any action with Nanya or not.

Best Regards,

M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302

Daniel R. Stec Sean, I can appreciate that & will convey your... 05/24/2013 08:30:12 AM

From: Daniel R. Stec/US/GM/GMC
To: Sean E Gleason/US/GM/GMC@GM
Cc: Bob Agresta/US/GM/GMC@GM, Cole Buttry <cole.buttry@gmch.com>, Larry T. Nitz/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM, William J. Kemp/US/GM/GMC@GM, Carmen Benavides/US/GM/GMC@GM, Maureen Foley-Gardner/US/GM/GMC@GM, Frank Gorman/US/GM/GMC@GM, Scott O. Trantham/US/GM/GMC@GM, Sheri Hickok/US/GM/GMC@GM, Chris Mailloux/US/GM/GMC@GM, Tony Marsala/US/GM/GMC@GM, Kevin Diviney/US/GM/GMC@GM
Date: 05/24/2013 08:30 AM
Subject: *Confidential: Re: ** Confidential and Priviledged ** - Nanya Recovery Investigation for eAssist Recall

Sean,

I can appreciate that & will convey your concerns with Carmen and the Leadership Team here at GMNA. In the meantime, I will cease and desist with any further attempts at reaching out to Nanja with regard to the BPIM Safety Recall and cost recovery. I will sit tight until GM Legal, GMNA & GMCH have all come to agreement regarding next steps. Thank you.

Best Regards,
Dan

Daniel R. Stec

Global Purchasing and Supply Chain
GMNA Supplier Quality Engineering
Warranty / FPE / Cost Recovery
Cell: 586-899-5285

E-Mail: Daniel.r.stec@gm.com

Sean E Gleason	Carmen, Dan, During a call last night with Gary...	05/24/2013 08:14:23 AM

Circuit Board Quality Requirements

Fri 05/24/2013 1:30 PM - 2:00 PM

Attendance is **required** for Stephen Poulos

Chair: **Daniel D. Cottrell/US/GM/GMC**

Location: conference call number below

Required:	Alan Barry/US/GM/GMC@GM, gary.backs@gmch.com, james.fortune@gmch.com, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM

Description

The intent of this meeting is to discuss / verify the quality requirements for our BAS+ BPIM circuit boards manufactured by Nanya. We will have GM reps in the plant on Monday. We want to be able to prime them with the right questions to ask to insure that our 2014 parts will meet the quality specs.
Dan

Hello ,

Daniel Cottrell V invites you to attend this online meeting.

Topic: Circuit board quality
Date: Friday, May 24, 2013
Time: 1:30 pm, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 963 359 480
Meeting Password: board1

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daniel.d.cottrell@gm.com

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Personal Notes

Fw: Circuit Board Quality Requirements
Stephen Poulos to: Bob Agresta 05/24/2013 01:08 PM
Cc: Daniel D. Cottrell

Bob,

You are welcome to join too. Technical discussion around requirements and performance to requirements on current product being produced at Nan Ya. Trying to help prep Scott Wilson for his visit with organized set of technical questions. FYI,

Stephen

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/24/2013 01:03 PM -----

Circuit Board Quality Requirements

Fri 05/24/2013 1:30 PM - 2:00 PM

Attendance is for Stephen Poulos

Chair: **Daniel D. Cottrell/US/GM/GMC**
Location: conference call number below

Required:	Alan Barry/US/GM/GMC@GM, gary.backs@gmch.com, james.fortune@gmch.com, Mehrdad Teimor/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM

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Personal Notes

{In Archive} Fw: Review of SGM response for BPIM questions

Sean E Gleason to: Bob Agresta, Stephen Poulos, Kevin Diviney, Gary Backs, james.fortune, Cole Buttry — 05/29/2013 10:56 PM

Sent by: Sean E Gleason

Archive: This message is being viewed in an archive.

Responses to SGM questions, modifiying from a strong start by Kevin.

BPIM presentation for SGM r1.pptx

Sean Gleason
Senior Manager - Global Electrification Power Electronics
3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

----- Forwarded by Sean E Gleason/US/ATD/GMC on 05/29/2013 10:53 PM -----

Calendar Entry

Meeting

☐ Notify me ☐ Mark Private ☐ Pencil In

Subject	Review of SGM response for BPIM questions		
When	Starts	Thu 05/30/2013	04:00 PM
			1 hour
	Ends	Thu 05/30/2013	05:00 PM
Invitees	Required (to)	Bob Agresta/US/GM/GMC@GM, gary.backs@gmch.com, james.fortune@gmch.com, Sean E Gleason/US/ATD/GMC@GM, Stephen Poulos/US/GM/GMC@GM	

Chair	Kevin Diviney/US/GM/GMC
Where	Location
Categorize	

Description	

Kevin Diviney invites you to an online meeting using WebEx.

Meeting Number: 965 525 778
Meeting Password: none

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4. Click "Join".
5. Follow the instructions that appear on your screen.

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Call-in number: 1-6784667834 (US)
Show global numbers: https://www.tcconline.com/offSite/OffSiteController.jpf?cc=9875975
Conference Code: 987 597 5

http://www.webex.com

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Your Notes	

{In Archive} Questions from SGM

Kevin Diviney to: Scott Wilson, Bob Agresta, Sean E Gleason, Gary Backs, david.worthington, James Fortune, Stephen Poulos, David Wright

05/30/2013 02:26 PM

Archive: This message is being viewed in an archive.

Bob,

Attached is the proposed communication to SGM in reply to their questions concerning the BPIM issue. Please review and determine if any of this information cannot be shared, due either to the safety/quality investigation or the agreement with SGM. If the package is approved to share with SGM, give Scott the green light.

Follow-up items:

You will need to determine what to put at the bottom of each page. For now, I used the 'prepared at the request of council' note.
David Worthington was going to determine if bucket A data can be added to slide 4..
We may not be able to use slide 6 since it contains IPTV figures. Without the IPTV figures the point of the chart is lost.
GMCH will need to provide any additional detail for question 5 on slide 8.
I purposefully left out direct references to Nanya's lack of cooperation. You will need to decide if emphasis on this problem for this audience would be value added.

Let me know what needs to be changed and I will have the presentation updated for the 4:00 call.

Regards,

BPIM presentation for SGM r2.pptx

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} file for SGM review

Kevin Diviney to: Gary Backs, James Fortune, Sean E Gleason, Stephen Poulos, Bob Agresta, Scott Wilson

05/30/2013 04:39 PM

Archive: This message is being viewed in an archive.

Here is the latest file that we are proposing that Scott Wilson use for the review with SGM. Bob Agresta is checking with Carmen to ensure that we are ok to share this information. He is also directing that Scott show the information but not provide a copy to SGM.

BPIM presentation for SGM rev4.pptx

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{In Archive} SGM eAssist MY14 E16 -

Scott Wilson to: Kevin Diviney, Sean E Gleason, Gary Backs 05/30/2013 01:59 AM
Cc: Stephen Poulos, Bob Agresta

Archive: This message is being viewed in an archive.

Gentlemen,
Thank you in advance for pulling together information to assist in establishing a 'confidence level' within the SGM organization that eAssist BPIM is past its part quality concerns.

As the information deck is compiled, please use only information that can be fully shared with the Joint Venture.

SGM & PATAC will have an internal meeting with VP Manufacturing Wang Yongqing Friday 31May mid-morning. We need to 'hit that meeting' with a deck that answers the open questions discussed in last nights Global eAssist PET.

Please see meeting set up for 8:30am Detroit time 30May to discuss.
Scott

Daniel Weaver
<daniel.weaver@gmch.com>

06/11/2013 10:49 AM

To reena.datta@gm.com
cc Joseph Thompson <joseph.thompson@gmch.com>
bcc
Subject Re: Fw: eAssist TAC [redacted] / VIN 1G11D5RR9DF[redacted] BPIM 658

History: This message has been forwarded.

Unit has been received and we started the analysis. It passed on the bench and is waiting to be ran at FCT. Tracking as BPIM 658. Please note that the fan, a fuse block and the E39 engine controller were also sent with this unit.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: Daniel Weaver <daniel.weaver@gmch.com>, James Fortune <james.fortune@gmch.com>
From: reena.datta@gm.com
Date: 06/05/2013 02:38PM
Subject: Fw: eAssist TAC [redacted] / VIN 1G11D5RR9DF[redacted]

FYI - one more unit to track within the 147 units coming back from the WPC.

---- Forwarded by Reena Datta/US/GM/GMC on 06/05/2013 02:28 PM ----

From: Reena Datta/US/GM/GMC
To: James Fortune <james.fortune@gmch.com>, Daniel Weaver <daniel.weaver@gmch.com>, Len Chalawa/US/GM/GMC@GM
Date: 05/08/2013 09:35 AM
Subject: eAssist TAC [redacted] VIN 1G11D5RR9DF[redacted]

Hi Guys,

There is a BPIM that is at the WPC right now and will be en route to Kokomo. (TAC [redacted]
VIN 1G11D5RR9DF1[redacted])

The vehicle it came from had a system voltage of >18V. Could you please let me know when it is received and what the rootcause is? If possible, please include Tony Saliga in your update.

Thank you,
Reena
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=

Len Chalawa/US/GM/GMC
06/28/2013 10:45 AM

To Reena Datta/US/GM/GMC@GM
cc Kevin Diviney/US/GM/GMC@GM
bcc
Subject Re: Fw: JDP case

Thanks,

It is a valid p/n for 2013MY Malibu. (2012 MY BPIM).
Thanks for the additional info.

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Reena Datta	Hi Len, QIS2 Claim Detail and History...	06/28/2013 10:36:39 AM

From: Reena Datta/US/GM/GMC
To: Len Chalawa/US/GM/GMC@GM
Cc: Kevin Diviney/US/GM/GMC@GM
Date: 06/28/2013 10:36 AM
Subject: Re: Fw: JDP case

Hi Len,

QIS2 Claim Detail and History attached. The vehicle was sold beginning of Nov and repaired end of Nov. DTCs listed with internal shorting of the BPIM cited. There is a part number but it's listed as invalid. Let me know if you need any additional info.

Reena
[attachment "QIS2_ClaimHistory_1G11D5RRXDF[redacted]_28Jun2013.xlsx" deleted by Len Chalawa/US/GM/GMC]

Len Chalawa	Reena, QIS2 - data, was it returned? ...	06/28/2013 10:29:24 AM
Kevin Diviney	Thanks Kristin. Len,	06/28/2013 09:25:34 AM
Kristin L Curran	The BPIM was shipped to GMCH on...	06/27/2013 11:21:12 AM
Kevin Diviney	Kristin, Can you see if the part was ret...	06/27/2013 11:10:52 AM

BPIM_672 - 2013MY Malibu built 10/4/12

Len Chalawa to: Fortune, James L, Backs, Gary L 07/09/2013 11:32 AM

Cc: Frank Schauerte, Gary Bancer, Reena Datta

History: This message has been forwarded.

Brought in - rubber smell from trunk, per customer.
Complaint says - Loss of Battery Charge.

APM / BPIM p/n -	APM/BPIM Scan Code	Build Julia	GMch Build Da	Vehicle MY	F	VIN	Veh Type	Eng. RPO	Veh Build Date	RO Date
Post Op-1	LQ50134112270534	2270	9/26/12	2013		1G11D5SR8DF[redacted]	Malibu	LUK	10/4/12	6/21/13

Detail VIN:
6/18/13, Job-Card: 6064809, Inspect / 9100017 - N130136 - Inspect GCM - No Further Action Req'd Miles: 8,898 MI,
then on 06/21/13 Job-Card: 6065039, 5031440 - Generator Control Module Replacement Miles: 9112.
MARTIN CHEVROLET SALES, INC. 8800 GRATIOT RD
SAGINAW MI 48609-4898 9897814590 / claim: Labor Code 5031440-Generator Control Module Replacement
Causal Part Number 24267940-MODULE ASM,GEN CONT post op-1.5 p/n installed. 7/2/13 - Process Date

BPIM - LP96734112269166 TAG, p/n-24259673 (2269 - 9/25/12)

Looks clean:

BPIM-672 Tag.jpg BPIM_672 PCB.jpg BPIM_672 Ctrl PCB.jpg

Pictures - compliments of Frank Schauerte, dissassembly and hands - Gary Bancer.

will be returned to Kokomo for Analysis.

Vehicle

Here are the repair comments from the unit from 1G11D5SR8DF[redacted] (vehicle where customer complaint noted rubber burning smell). - from Reena Datta

CUSTOMER REPORTS THAT SINCE WE DID RECALL ON LOSS OF BATTERY CHARGE# 13136. CUSTOMER STATES HAS RUBBER BURNING SMELL IN TRUCK WHENOPEN, SRC_PROB_CAUSE_COMM:CHECKED OUT AND FOUND NO LIGHTS, CHECKED CODES ON GDS2 AND NONE. CONTACTED TAC CASE# 71-1195982750 AND WAS ADVISED TO REDORECALL13136. TECH COMPLETED RECALL AND STILL NO CODES AND HAS ODOR IN TRUCK. COOLING FAN DOES WORK ON ALL COMMANDS DUCTING OK. NEXT TAC SAID TO PULL BATTERY AND INSPECT FOR ANY SOOT, ARCHING, BURN MARKS INSIDE BATTERY ASSEMBLY.,CORR_ACT_COMM:PULLED BATTERY AND INSPECTED CONNECTIONS AND NO PROBLEMS FOUND AT ANY TERMINAL FOR SOOT, BURN MARKS OR ARCHING. RECALL TAC FOR SECOND CALL AND HAD TO RECHECK SLIGHT FRETTING AT CONNECTION. REPLACED

THE MODUEL AND DEODORIZED TRUNK AND INTERIOR

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Re: Option 1 and 1.5 GMCH SN breakpoint

Daniel Weaver to: reena.datta 07/10/2013 07:44 AM

You are correct with those break dates

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

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Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----
To: daniel.weaver@gmch.com
From: reena.datta@gm.com
Date: 07/09/2013 06:04PM
Subject: Option 1 and 1.5 GMCH SN breakpoint

Hi Dan,

Could you please confirm the SN breakpoint for the Option 1 and Option 1.5 changes? If memory is correct, the option 1 breakpoint as 2224 and option 1.5 as 3001? Please let me know. Tony asked for this info as he gets questions on the EI for P1A6F and units to replace, etc.

Thank you!
Reena

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=

BPIM 677
Daniel Weaver
to:
reena.datta, Joseph Thompson, James Fortune, len.chalawa
07/10/2013 11:16 AM
Show Details

History: This message has been forwarded.

677 - BPIM	71-1195265407		7/10/13	Post Op-1.5	LP79404113141098	3141	5/21/13		1G11D5RRXDF1[redacted]	Malibu	LUK

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

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Kokomo, IN USA 46904-9005

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Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

BAS+ APM/BPIM system DFMEA subset focussing on circuit board shorts in the HV plane
William Whitlock
to:
aaron.bowles, andrew.baughman, bonho.bae, daniel.d.cottrell, daniel.grenn, david.wang, jerome.peariso, lisa.m.angus, michael.lerman, roger.rademacher, silva.hiti, stephen.poulos, steven.schulz, tony.j.saliga, trevor.davis, william.l.aldrich, Dan Schroeder, Joseph Thompson, Gary Backs, rick.schroeder
07/12/2013 04:53 PM
Cc:
Cole Buttry, reena.datta
Show Details

1 Attachment

Bas+ APMBPIM CB DFMEA.xlsx

All,
Here is a copy of what we have put together as a starting point for the BAS+ electronics in the event we have a circuit board inner layer metal short. Updates were made to the file based on today's discussion. Please review and feel free to send me suggestions if items should be modified.
Thanks and have a good weekend,

Bill Whitlock
Electronic Assembly Product Engineering Manager
(765) 451-4612 : office
(765) 437-8746 : mobile

{In Archive} BAS+ APM/BPIM system DFMEA subset focussing on circuit board shorts in the HV plane

William Whitlock to: aaron.bowles, andrew.baughman, bonho.bae, daniel.d.cottrell, daniel.grenn, david.wang, jerome.peariso, lisa.m.angus, 07/12/2013 04:53 PM

Cc: Cole Buttry, reena.datta

Archive: This message is being viewed in an archive.

1 attachment

Bas+ APMBPIM CB DFMEA.xlsx

All,
Here is a copy of what we have put together as a starting point for the BAS+ electronics in the event we have a circuit board inner layer metal short. Updates were made to the file based on today's discussion. Please review and feel free to send me suggestions if items should be modified.
Thanks and have a good weekend,

Bill Whitlock
Electronic Assembly Product Engineering Manager
(765) 451-4612 : office
(765) 437-8746 : mobile

Re: Fw: High mileage BPIM warranty unit question
[ATTACHMENT REMOVED]
Gary Backs
to:
reena.datta
07/15/2013 08:59 AM
Show Details

Thanks,

I have to say, I was exhausted from my vacation. Work will allow me to recharge :).

I will follow-up with Jim to see if Dan has responded back. He verbally told me that these were not board related. But I was looking for an affirmation.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----reena.datta@gm.com wrote: -----

To: Gary Backs <gary.backs@gmch.com>
From: reena.datta@gm.com
Date: 07/15/2013 08:55AM
Subject: Re: Fw: High mileage BPIM warranty unit question
[ATTACHMENT REMOVED]

Hi Gary,

Hope you enjoyed your time off.

I wasn't included in the replies so I can't say if feedback was provided to Dan.

Reena

From: Gary Backs <gary.backs@gmch.com>
To: reena.datta@GM.COM
Date: 07/15/2013 08:47 AM
Subject: Fw: High mileage BPIM warranty unit question [ATTACHMENT REMOVED]

I understand the initial feedback on these was sent, do you agree?

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

-----Forwarded by Gary Backs/GMch on 07/15/2013 08:46AM -----
To: gary.backs@gmch.com, James Fortune <james.fortune@gmch.com>
From: daniel.d.cottrell@gm.com
Date: 07/12/2013 10:42AM
Subject: High mileage BPIM warranty unit question

Gary, Jim,
I don't know who is managing the teardown / inspection of the warranty returns.
Can you help me to get some additional data?

I need to have verification that the 4 units mentioned by Reena are or are not isolation related. It would be nice to know the full root cause, but it isn't necessary if we can at least understand if there is any evidence of an isolation problem.

Can we get a quick assessment? You may already understand it, but I can't tell from the spreadsheet comments.

Thank you,
Dan Cottrell
Global Vehicle System Engineer, Electrification
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

----- Forwarded by Daniel D. Cottrell/US/GM/GMC on 07/12/2013 10:29 AM -----

From: Reena Datta/US/GM/GMC
To: Daniel D. Cottrell/US/GM/GMC@GM
Date: 07/12/2013 10:13 AM
Subject: high mileage

Hi Dan,

Below is a slightly expanded listing of returns >10,000 miles (vs 15,000 in the previous list).

There are four cases that are not resolved:

BPIM 201 from 1G4GA5ER0CF[redacted] - PDT-Hold
BPIM 536 from 1G11F5RR6DF[redacted] - PDT-Hold
BPIM 664 from 1G11F5RR3DF[redacted] - In-Analysis
BPIM 668 from 1G11F5RRXDF[redacted] - In-Analysis

Reena

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Name: Image._1_0C5A3B1C0C5A38B00050B7D885257BA6.gif
Type: image/gif
Size: 55566

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=

Fw: Re: Fw: High mileage BPIM warranty unit question [ATTACHMENT REMOVED]

Daniel Weaver to: daniel.d.cottrell 07/17/2013 07:57 AM
Cc: kevin.diviney, kristin.curran, reena.datta, James Fortune

Dan,
None of the four units in question failed for an isolation issue. I will let you know when we get more details on these failures.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Forwarded by Daniel Weaver/GMch on 07/17/2013 07:52AM -----
To: Daniel Weaver/GMch@GMch
From: Joseph Thompson/GMch
Date: 07/16/2013 06:15PM
Cc: Hossein Lotfalian/GMch@GMch, William Whitlock/GMch@GMch
Subject: Re: Fw: High mileage BPIM warranty unit question

Dan, I don't think any of these are board issues but we need to get the two units from the skid. Unit 536 failed for precharge in the vehicle but it did pass the initial isolation checks. Unit 201 looks like it failed for communication so we may need to double check it. Both of these are on PDT hold so no further analysis was done.

I will be out tomorrow morning for Dr appointment. We can discuss when I get in.

Units in question are

BPIM 668 ? Dealer Programming Failure - Service Unit / This is a 2012 service pn attempted to place in a 2013 vehicle (Larry Burkholder was unable to recover) No visual damage to boards.

BPIM 664 in lab In Lab need to test at FCT - TBD, passed isolation checks

BPIM 536 on skid 34 if you need it PDT Hold Passed Isolation checks - Need to get unit from skid

BPIM 201 on skid 34 if you need it PDT Hold -Possible communication failure - Need to get unit from skid

Joe Thompson
Product Engineering
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----Daniel Weaver/GMch wrote: -----
To: Joseph Thompson/GMch@GMch, Hossein Lotfalian/GMch@GMch
From: Daniel Weaver/GMch
Date: 07/16/2013 01:14PM
Cc: William Whitlock/GMch@GMch
Subject: Fw: High mileage BPIM warranty unit question

Joe,
Can you atleast look at the information in the data base for these units and see if you can answer the following question from Daniel Cottrell " It would be nice to know the full root cause, but it isn't necessary if we can at least understand if there is any evidence of an isolation problem".

Let me know if you need me to get the units off skid 34.

Hoss was going to have Mike help with this request but I don't believe he has been here for a couple days.

Units in question are

BPIM 668 ?
BPIM 664 in lab
BPIM 536 on skid 34 if you need it
BPIM 201 on skid 34 if you need it

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----Forwarded by Daniel Weaver/GMch on 07/16/2013 01:05PM -----
To: Daniel Weaver/GMch@GMch
From: James Fortune/GMch
Date: 07/12/2013 10:48AM
Subject: Fw: High mileage BPIM warranty unit question

Dan,

Check on these please.

Jim Fortune 吉姆時運
Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

-----Forwarded by James Fortune/GMch on 07/12/2013 10:48AM -----
To: gary.backs@gmch.com, James Fortune <james.fortune@gmch.com>
From: daniel.d.cottrell@gm.com
Date: 07/12/2013 10:42AM
Subject: High mileage BPIM warranty unit question

Gary, Jim,
I don't know who is managing the teardown / inspection of the warranty returns. Can you help me to get some additional data?

I need to have verification that the 4 units mentioned by Reena are or are not isolation related. It would be nice to know the full root cause, but it isn't necessary if we can at least understand if there is any evidence of an isolation problem.

Can we get a quick assessment? You may already understand it, but I can't tell from the spreadsheet comments.

Thank you,
Dan Cottrell
Global Vehicle System Engineer, Electrification
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

----- Forwarded by Daniel D. Cottrell/US/GM/GMC on 07/12/2013 10:29 AM -----

From: Reena Datta/US/GM/GMC
To: Daniel D. Cottrell/US/GM/GMC@GM
Date: 07/12/2013 10:13 AM
Subject: high mileage

Hi Dan,

Below is a slightly expanded listing of returns >10,000 miles (vs 15,000 in the previous list).

There are four cases that are not resolved:

BPIM 201 from 1G4GA5ER0CF[redacted]- PDT-Hold
BPIM 536 from 1G11F5RR6DF[redacted]- PDT-Hold
BPIM 664 from 1G11F5RR3D[redacted] - In-Analysis
BPIM 668 from 1G11F5RRXDF[redacted] - In-Analysis

Reena

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Name: Image._1_0C5A3B1C0C5A38B00050B7D885257BA6.gif
Type: image/gif
Size: 55566

Correction - Second of 3 BPIMs I was to pick up from WPC has been delivered to Kokomo, third on the way from WPC

Joseph Thompson to: Joseph Thompson 07/18/2013 03:33 PM

Cc: Cole Buttry, Daniel Weaver, Hossein Lotfalian, William Whitlock, frank.schauerte, leonid.chalawa, "reena datta"

Correction, LP9673411200615 should be LP96734112006157. Sorry

Joe Thompson
Product Engineering
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----Joseph Thompson/GMch wrote: -----
To: frank.schauerte@gm.com, Daniel Weaver/GMch@GMch, leonid.chalawa@gm.com, "reena datta" <reena.datta@gm.com>, Hossein Lotfalian/GMch@GMch, William Whitlock/GMch@GMch, Cole Buttry/GMch@GMch
From: Joseph Thompson/GMch
Date: 07/18/2013 03:03PM
Subject: Re: Second of 3 BPIMs I was to pick up from WPC has been delivered to Kokomo, third on the way from WPC

Both BPIM units LP96734111278092 #B682 and LP9673411200615 #B683 from Frank have been received in the lab. Memory dump and initial bench checks including HV isolation have been completed. The units appear to be communicating normally. Internal visual inspection and isolation checks do not indicate any board related issues. The units are now ready for functional test.
Thanks

Joe Thompson
Product Engineering
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

-----frank.schauerte@gm.com wrote: -----
To: joseph.thompson@gmch.com, daniel.weaver@gmch.com
From: frank.schauerte@gm.com
Date: 07/18/2013 07:55AM
Cc: leonid.chalawa@gm.com, reena.datta@gm.com
Subject: Second of 3 BPIMs I was to pick up from WPC has been delivered to Kokomo, third on the way from WPC

Joe, Dan:

I shipped BPIM LP96734111278092 (no thermal damage) from Milford (Bucket A from vehicle last 8 VIN=CF1901845) Monday 7/15/13. The fedex tracking number is 048749615060190, which indicates delivery yesterday, 7/17/13 at 9:21 am to Joe's POU 0874-W18E-00P7.

I understand the third BPIM (LP96734112006157, last 8 VIN DF101037) was shipped directly to Kokomo yesterday. Please do quick examination for thermal event and let Cole know results asap. Thanks

Frank Schauerte
Milford Proving Grounds
Kokomo Operations
GM Components Holdings, LLC
http://kokomogmch.com/
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=

Re: eAssist - 1G11F5RR6DF1[redacted]

Len Chalawa to: Reena Datta 07/24/2013 12:29 PM

History: This message has been replied to and forwarded.

Complete	12/19/12	high-mi	LP96734112107136	2107	4/16/12	2013		1G11F5RR6DF[redacted]	Malib

Batt Light-On		P0C78	Hybrid Battery System	Pass	Fail

updated:

7/17/2013	Failed FCT HVPVI

Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

Reena Datta Hi Len, Could you please let me know the failur... 07/24/2013 12:07:00 PM

From: Reena Datta/US/GM/GMC
To: Len Chalawa/US/GM/GMC@GM
Date: 07/24/2013 12:07 PM
Subject: eAssist - 1G11F5RR6DF[redacted]

Hi Len,

Could you please let me know the failure mode for BPIM 536 / 1G11F5RR6DF[redacted]? I see PDT-Hold but it sounds like there may be an update after the warranty spreadsheet version that I have, which shows PWR PCB HV isolation? Please let me know.

Thank you,
Reena

Case #	TAC #	Status Case	Received Date	APM / BPIM	APM/BPIM Scan Code	Build Juli	GMch Buil	Vehicle MY	VIN	Miles
536 - BPIM	71-1122564123		12/19/12	high-mi	LP96734112107136	2107	4/16/12	2013	1G11F5RR6DF[redacted]	15,326

{In Archive} Fw: BAS + HV short validation Status Meeting. -- Meeting CANCELLED for today 7/29 .... Rick Schroeder offsite and unable to send official cancellation

WILLIAM L ALDRICH to: Aaron C Bowles, Andrew Baughman, Bonho Bae, Daniel D. Cottrell, Daniel P Grenn, David Wang, Jerome 07/29/2013 01:28 PM

Sent by: William L Aldrich
Cc: Rick H Schroeder

From: WILLIAM L ALDRICH/US/GM/GMC
To: Aaron C Bowles/US/GM/GMC@GM, Andrew Baughman/US/GM/GMC@GM, Bonho Bae/US/GM/GMC@GM, Daniel D. Cottrell/US/GM/GMC@GM, Daniel P Grenn/US/GM/GMC@GM, David Wang/US/GM/GMC@GM, Jerome
Cc: Rick H Schroeder/US/GM/GMC@GM
Sent by: William L Aldrich/US/GM/GMC
Archive: This message is being viewed in an archive.

fyi....

Meeting CANCELLED for today 7/29 .... Rick Schroeder offsite and unable to send official cancellation

Regards,

William L. Aldrich
GMPT - Hybrid Powertrain Engineering
Global Lead Hybrid Cal - BAS+ & BAS3 Hybrid
Loc. MPG, Bld 16, 16A-1014
Milford Ph. (248) 431-9893
M/C 483-316-150
e-mail william.l.aldrich@gm.com

----- Forwarded by William L Aldrich/US/GM/GMC on 07/29/2013 01:26 PM -----

BAS + HV short validation Status Meeting.

Mon 07/29/2013 3:30 PM - 4:00 PM (Repeats)

Attendance is for WILLIAM L ALDRICH

Chair: **Rick H Schroeder/US/GM/GMC**
Location: I was not able to one room for all of the meetings so, I will send out a Room number each day...

This entry has an alarm. The alarm will go off before the entry starts.

Required: Aaron C Bowles/US/GM/GMC@GM, Andrew Baughman/US/GM/GMC@GM, Bonho Bae/US/GM/GMC, Daniel D. Cottrell/US/GM/GMC, Daniel P Grenn/US/GM/GMC@GM, David Wang/US/GM/GMC@GM, Jerome Peariso/US/GM/GMC, Lisa M. Angus/US/GM/GMC@GM, Michael S Lerman/US/GM/GMC@GM, Roger Rademacher/US/GM/GMC, Silva Hiti/US/GM/GMC@GM, Stephen Poulos/US/GM/GMC@GM, Steven Schulz/US/GM/GMC@GM, Tony J. Saliga/US/GM/GMC, Trevor J Davis/US/GM/GMC@GM,

	WILLIAM L ALDRICH/US/GM/GMC, william.whitlock@gmch.com
Optional:	Jeff W Huggett/US/GM/GMC@GM
Repeats:	

Description

Rick Schroeder invites you to an online meeting using WebEx.

Meeting Number: 969 624 453
Meeting Password: 1234

To join this meeting (Now from mobile devices!)
---
1. Go to https://gm.webex.com/gm/j.php?J=969624453&PW=NN2M5ZjEyZWNk
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: 1234
4. Click "Join".
5. Follow the instructions that appear on your screen.

Teleconference information

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:
Call-in toll-free number: 1-8662263606 (US)
Call-in number: 1-6784667834 (US)
Show global numbers: https://www.tcconline.com/offSite/OffSiteController.jpf?cc=8095990
Conference Code: 809 599 0

http://www.webex.com

CCP:+16784667834x8095990#

IMPORTANT NOTICE: This WebEx service includes a feature that allows audio and any documents and other materials exchanged or viewed during the session to be recorded. By joining this session, you automatically consent to such recordings. If you do not consent to the recording, discuss your concerns with the meeting host prior to the start of the recording or do not join the session. Please note that any such recordings may be subject to discovery in the event of litigation.

Personal Notes

Re: eAssist VIN
Daniel Weaver
to:
reena.datta
07/30/2013 08:12 AM
Show Details

Not sure if I let you know but this return is BPIM 664.

Dan Weaver

Sr. Quality/Reliability Engineer

GMCH

Point Of Use: 0874-W18E-00P7 eAssist

2603 S. Goyer Rd. Plant 7, Mail Stop 6038

Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

-----reena.datta@gm.com wrote: -----

To: Daniel Weaver <daniel.weaver@gmch.com>, len.chalawa@gm.com
From: reena.datta@gm.com
Date: 05/06/2013 01:13PM
Subject: eAssist VIN

Hi Dan, Hi Len,

Do you know if a BPIM or Powerpack from 1G11F5RR3DF[redacted] has been received in Kokomo? It was repaired on 3/18/2013 with 27,207. It is a pre-option 1 that does not seem to have gone through the screening. Please let me

know if you have it and know the rootcause.

Thank you,
Reena
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=

"Funk, Timothy R." <Timothy.R.Funk@delphi.com>
02/22/2012 08:45 AM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc
bcc
Subject RE: Revised: eAssist PCB changes presentation for HPIT

History: This message has been replied to.

Reena,
It is fine but for those who just want to ask questions that treat this as a game show “stump the presenter” I wanted to make sure you had some other verbiage.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Wednesday, February 22, 2012 8:35 AM
To: Funk, Timothy R.
Subject: RE: Revised: eAssist PCB changes presentation for HPIT

Hi Tim,

Thank you for your feedback. Do you think the wording on the Risk slide for the boss change is confusing or misleading? If there are questions, Steve or I will absolutely address. But I definitely don't want to give the group the wrong impression about that change. Please let me know.

Reena

From: "Funk, Timothy R." <Timothy.R.Funk@delphi.com>
To: "reena.datta@gm.com" <reena.datta@gm.com>, "Backs, Gary L" <gary.backs@gmch.com>, "Sharp, David" <david.sharp@delphi.com>
Cc: "stephen.farris@gm.com" <stephen.farris@gm.com>, "alan.barry@gm.com" <alan.barry@gm.com>, "Turner, Steven R" <steven.r.turner@delphi.com>, "Buehler, David P" <david.p.buehler@delphi.com>, "Varnau, Michael J" <Michael.J.Varnau@delphi.com>, "Peugh, Darrel E" <Darrel.E.Peugh@delphi.com>
Date: 02/22/2012 08:17 AM
Subject: RE: Revised: eAssist PCB changes presentation for HPIT

Reena,
Just for back ground, the omega hole is to get more cir bd area so the clamp force is spread out and not concentrated in weaker area.

A phase that would be good to have if challenged on reasoning for implementing.

Regards,

Tim Funk
ME - Power Electronics
Delphi E&S
Phone: 765-451-3183

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Tuesday, February 21, 2012 5:15 PM
To: Backs, Gary L; Sharp, David
Cc: stephen.farris@gm.com; alan.barry@gm.com; Turner, Steven R; Buehler, David P; Funk, Timothy R.; Varnau, Michael J; Peugh, Darrel E
Subject: Revised: eAssist PCB changes presentation for HPIT

Hi Everyone,

Please see the attached, revised HPIT presentation. I have received the files (DRBFMs and Darrel's slide) from Steve Turner. Steve Farris and I will discuss them tomorrow morning and we'll contact Steve Turner with questions. If you have feedback on the attached presentation, please let me know before 9:30AM EST tomorrow.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

****
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****

****

"Buehler, David P" <david.p.buehler@delphi.com>

10/29/2012 04:54 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc
bcc
Subject Current profile during a power board short test

1 attachment

PWR Bd current during event.PPTX

****
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****
****

"White, David E" <David.E.White@delphi.com>

10/29/2012 12:12 PM

To "Datta, Reena (GM)" <reena.datta@gm.com>, "Thompson, Joseph E" <joseph.thompson@gmch.com>
cc "Sharp, David" <david.sharp@delphi.com>, "Tallant, J C" <J.C.Tallant@delphi.com>
bcc
Subject BAS+ Test Software Parameter List.xlsx

1 attachment

BAS+ Test Software Parameter List.xlsx

****
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****
****

"Varnau, Michael J" <Michael.J.Varnau@delphi.com>
11/08/2012 05:06 PM

To "Lotfalian, Hossein T" <hossein.lotfalian@gmch.com>, "Backs, Gary L" <gary.backs@gmch.com>, "jerry.johnson@gmch.com" <jerry.johnson@gmch.com>,
cc
bcc
Subject Cap Board Impedance Data

2 attachments

Cap Board Impedance Analysis.xlsx CapBoard Impedance.MPJ

All,

During the 4:00 Conference Call, I entered the manual data that Jerry took into a spreadsheet and Mintab. I also documented the test setup.

Mike

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****

"Varnau, Michael J" <Michael.J.Varnau@delphi.com>
11/11/2012 09:51 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc
bcc
Subject RE: Pre-Mtg for 4pm eAssist Call (webex attached)

Reena,

I would prefer to Webex into the meeting.

Thanks,
Mike

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Sunday, November 11, 2012 6:22 PM
To: Varnau, Michael J
Subject: RE: Pre-Mtg for 4pm eAssist Call (webex attached)

Hi Mike,

I am not sure which conference room we will meet in Mon morning. I hope to be there at 8AM and will find out. I will give you a call to confirm the location. Do you plan to attend in person? If not, either Gary or I can set up a WebEx meeting. Please let me know.

Reena

From: "Varnau, Michael J" <Michael.J.Varnau@delphi.com>
To: "reena.datta@gm.com" <reena.datta@gm.com>
Date: 11/11/2012 05:44 PM
Subject: RE: Pre-Mtg for 4pm eAssist Call (webex attached)

Reena,

There was no Webex attached, so I'm assuming that it is in the same Conf Room that we've been using. Please let me know if the plan is different.

Thanks,
Mike

From: reena.datta@gm.com [mailto:reena.datta@gm.com]
Sent: Sunday, November 11, 2012 1:49 PM
To: Backs, Gary L
Cc: David E. Miller/GMch%GMch@gm.com; Buehler, David P; Hossein Lotfalian/GMch%GMch@gm.com

; Jack Shadday/GMch%GMch@gm.com; James Fortune/GMch%GMch@gm.com; Varnau, Michael J; Thompson, Joseph E
Subject: Re: Pre-Mtg for 4pm eAssist Call (webex attached)

Hi Everyone,

Please see the BPIM testing files that we reviewed on Friday below. The plan was to review them again tomorrow morning (Mon) at 8:30AM. Talk with you then.

Reena

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****
****

"Varnau, Michael J" <Michael.J.Varnau@delphi.com>

11/13/2012 01:32 PM

To "reena.datta@gm.com" <reena.datta@gm.com>
cc
bcc
Subject Image

Thanks,
Mike

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****

********** IMG_3696.JPG IMG_3700.JPG IMG_3701.JPG IMG_3702.JPG

"Varnau, Michael J" <Michael.J.Varnau@delphi.com>

11/14/2012 03:27 PM

To "Lotfalian, Hossein T" <hossein.lotfalian@gmch.com>, "jerry.johnson@gmch.com" <jerry.johnson@gmch.com>, "Backs, Gary L" <gary.backs@gmch.com>,

cc

bcc

Subject Latest HiPot Experiment Impedance Data [ATTACHMENT REMOVED]

History: This message has been replied to.

3 attachments

oledata.mso

Cap Board Impedance Analysis.xlsx

CapBoard Impedance.MPJ

Thanks,

Mike

****
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****
****

This attachment was removed from this location in this message.

Name: image001.wmz
Type: application/x-ms-wmz
Size: 11302

This attachment was removed from this location in this message.

Name: image002.png
Type: image/png
Size: 42209

eAssist No Trouble Found Meeting

Wednesday, February 13, 2013

3:00 PM – 4:00 PM EST

Invitees (Attendees in Bold):
Daniel Weaver, David Deal, Frederick Billotto, Gary Backs, Hossein Lotfalian, Jacob D Bylsma, James Fortune, Joseph Thompson, Kevin Diviney, Len Chalawa, Reena Datta, Rick H Schroeder, Stephen Farris, Tony J. Saliga, William L Aldrich

Call-in Information:
MML: (866) 226-3606 / (678) 466-7834
Code: 646 2538

Webex Meeting Information:
Meeting Link: https://gm.webex.com/gm/j.php?ED=194335218&UID=492344932&PW=NMzU1MjM5MDQx&RT=MiMxMQ%3D%3D

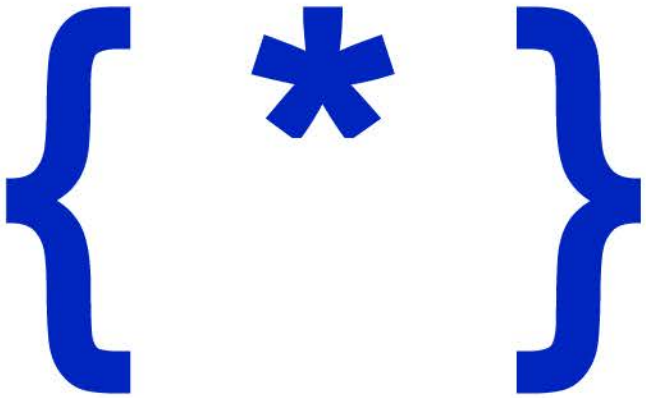
Meeting Number: 268 583 684
Meeting Password: 1234

MEETING AGENDA

Agenda Item	Presenter	Time
1. Discuss Post-Option 1 Returns • Review Warranty Spreadsheet • Discuss Next Steps	All	30 min
2. P0CA2 Returns • Update post-option 1 returns: BPIM 534 and any newly received units • Review data Melani sent • Discuss Next Steps	All	10 min
3. Review P1A6F Returns (P1A6F – Starter/Generator System No Crank at Restart) • Review Warranty Spreadsheet • Discuss Next Steps	All	10 min
4. Round Table • Prioritize returns for next meeting • Next Meeting: o Wednesday, February 20th at 3PM EST	All	10 min

{ * }

08JAN13 BPIM Powerpack TAC CASES FROM 27Jun12.xls

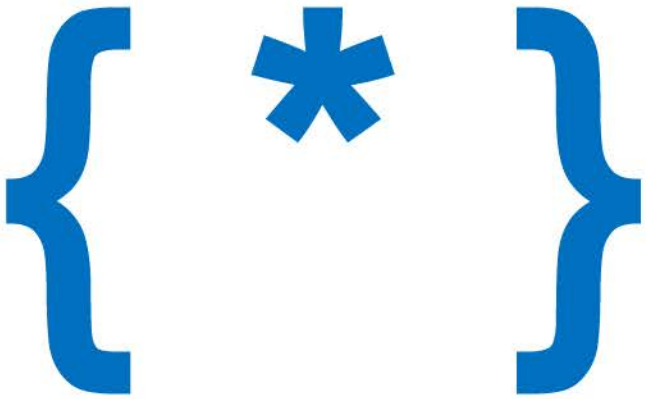


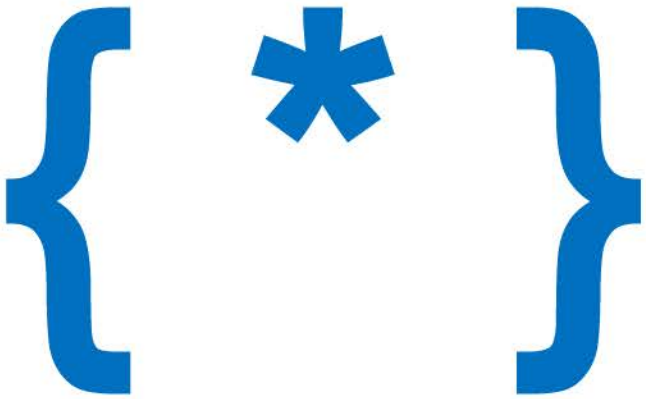
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

=

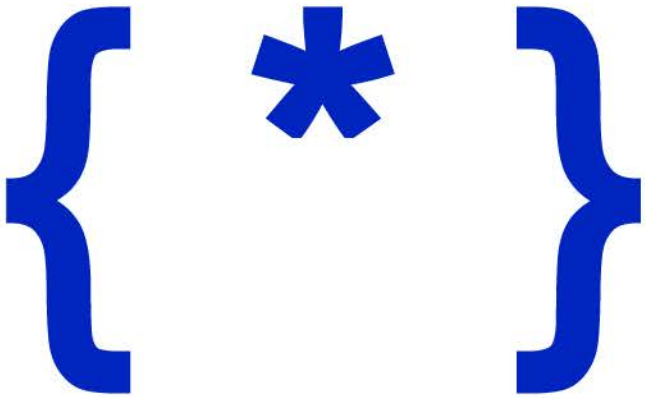
[attachment "Nanya HASL Site Change Qualifications.ppt" removed by Stephen Farris/US/GM/GMC]
[attachment "BAS+ HASL Cross Sections.ppt" removed by Stephen Farris/US/GM/GMC]





Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08



coming days.

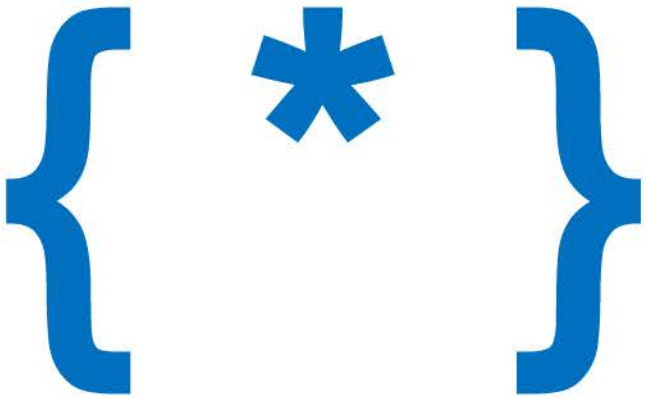
Best Regards,

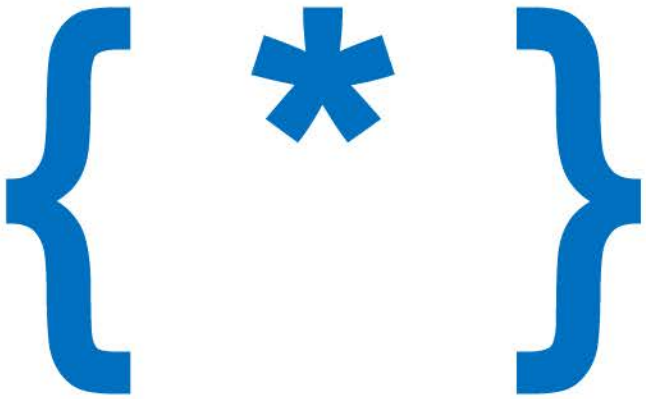
Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

[attachment "BAS+ Control Board Screw # 27 26 Presentation 01.11.11-1.pdf" removed by David E. Miller/GMch]





the contrary is included in this message.

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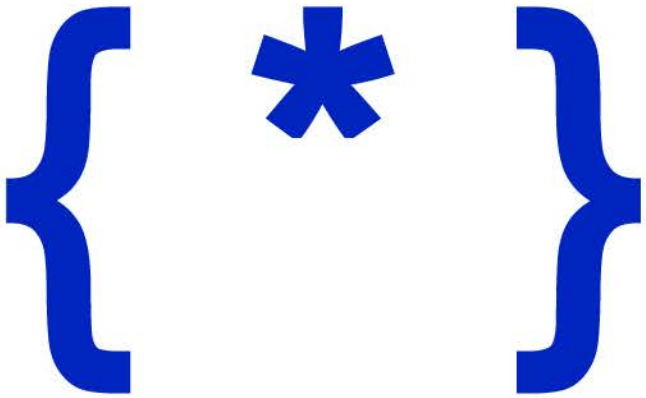
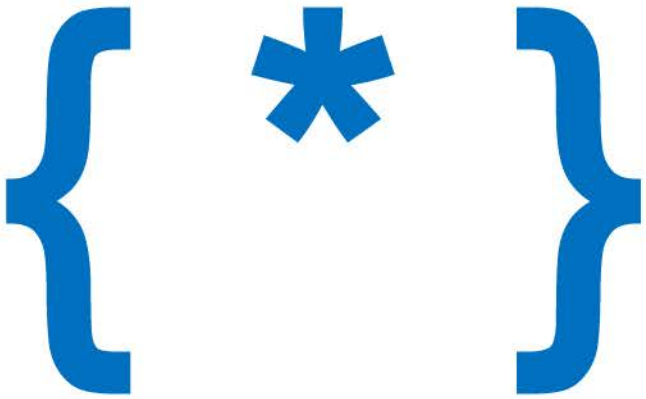
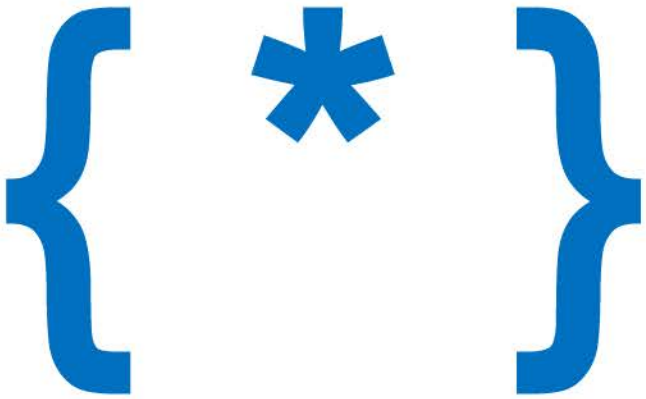
[attachment "TAC_Cases_Jan10_2013.xlsx" removed by Daniel Weaver/GMch]



3NM Screw number 27 Torque change Evaluation Test.docx

creep%20vs%20vibration%20for%20board%20issue%2012ja12[1].pptx





STEPHEN L. FARRIS
Design Release Engineer (DRE)
Hybrid Power Electronic Hardware Release Center
GM Hybrid Powertrain Engineering
Cell: 248.515.2572

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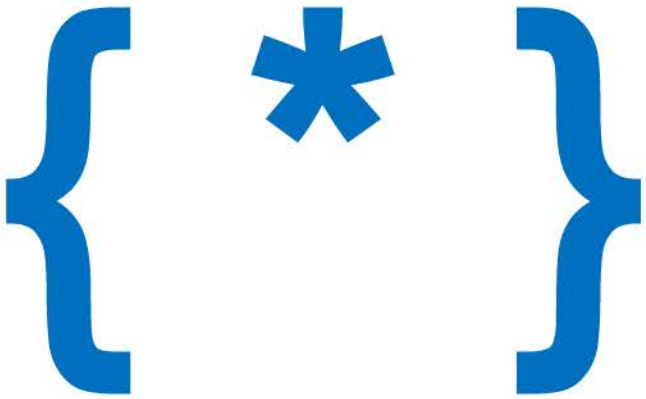
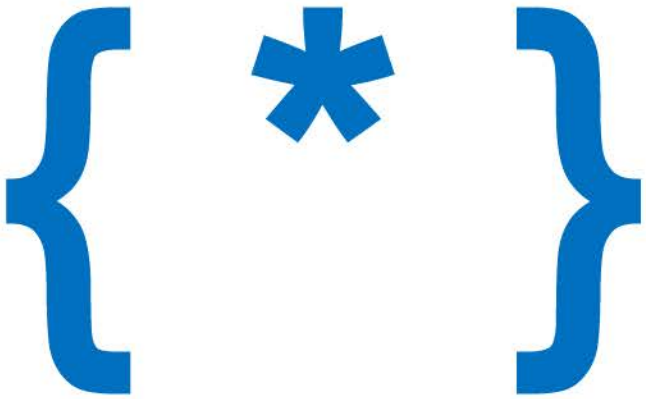
gary.backs@gmch.com[attachment "Copy of PV3 Timing Update 1-16-13.xls" deleted by Daniel D. Cottrell/US/GM/GMC]

{ * }

23JAN13 BPIM Powerpack TAC CASES FROM 27Jun12.xls





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This attachment was removed from this location in this message.

Name: image001.gif
Type: image/gif
Size: 65897

{ * }

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{ * }

Electrification Vehicle System Engineer, eAssist Propulsion System
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

----- Forwarded by Daniel D. Cottrell/US/GM/GMC on 02/06/2013 08:53 AM -----

From: Tom Desautels/PMD/PATAC/SGM@SGM
To: Daniel D. Cottrell/US/GM/GMC@GM
Date: 02/06/2013 08:37 AM
Subject: SGM E16 non-LFW Build Plan

<--- Detailed Build Plan

Tom Des.
Program Engineering Manager
2014 E16 / GMX353 LaCrosse MCE3
China Mobile: 15000 717479
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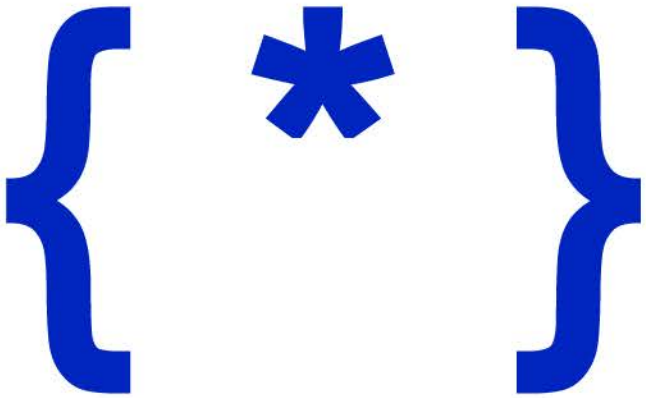
[attachment "SGME16 Non-LFW Launch plan(2013-1-18).ppt" removed by Gary Backs/GMch]
[attachment "SGME16 Non-LFW Launch Plan(2013-1-18).xls" removed by Gary Backs/GMch]



Subject: Topic for tomorrow's PDT: eAssist Power Board Test Request 2

Hi Everyone,

Please see the document attached for the description of an additional test that Bill Ivan has requested. Please let Bill and me know if you have any feedback. If time permits, we can discuss more during tomorrow's BPIM/APM PDT.

Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

****
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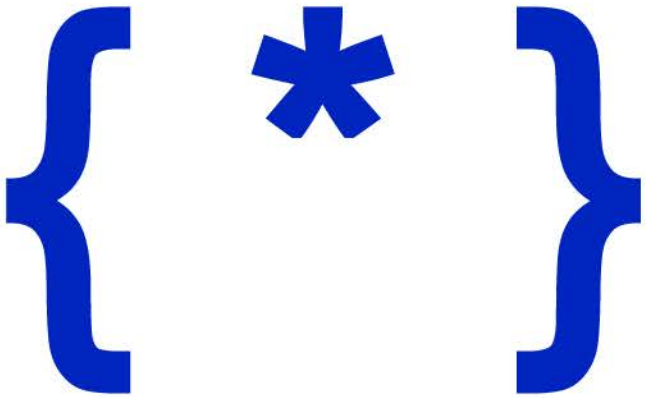

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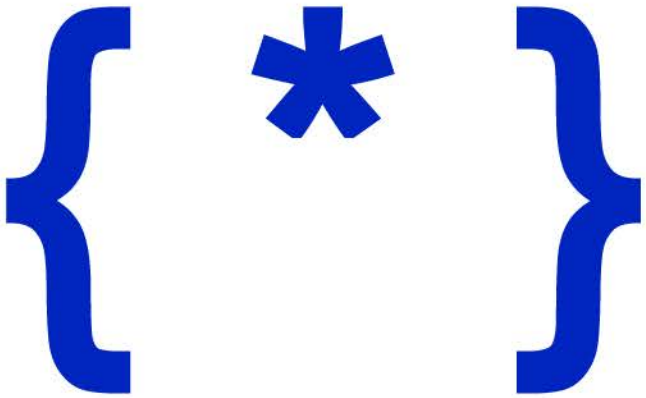
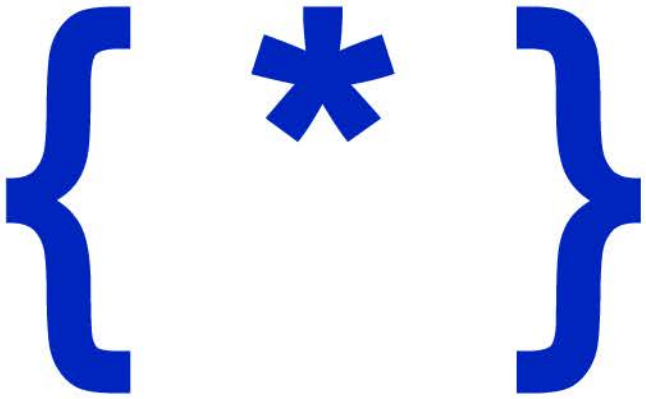


Thank you,

Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

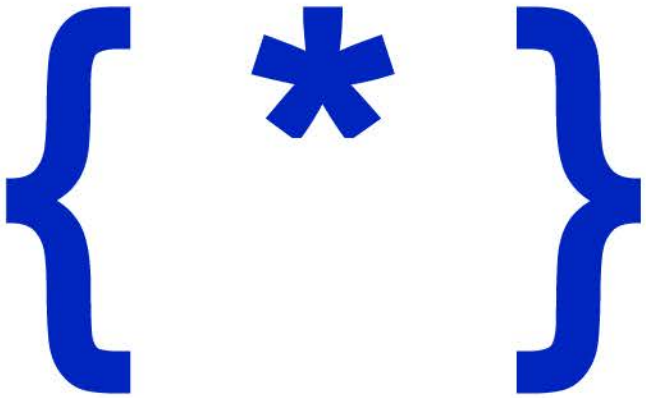
eAssist_DRBFM_PCB-EE-changes_22Feb2012.xlsx

{ * } Indicates GM Confidential Business Information Redacted



PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com



PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com[attachment "SPCR BAS APM BPIM Option 1 Robustness.xls" deleted by Stephen Farris/US/GM/GMC]

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Joseph Johnson
Cell # 248-343-8198
Fax # 248-676-7002

Milford Proving Grounds
3300 GM Road
Milford, Mi 48380
M/C 483-331-500
Building 31G

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[attachment "bpim output ripple at 15v_110amp load.jpg" removed by Joseph Thompson/GMch]
[attachment "bpim output ripple freq at 15v_110amp load.jpg" removed by Joseph Thompson/GMch]
[attachment "APM_TestAt31_07Mar13_Rev1.xlsx" removed by Joseph Thompson/GMch]

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http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1150-0M11-00P6
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of thise-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"

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Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

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immediately by replying to the message and deleting it from your computer. Thank you.
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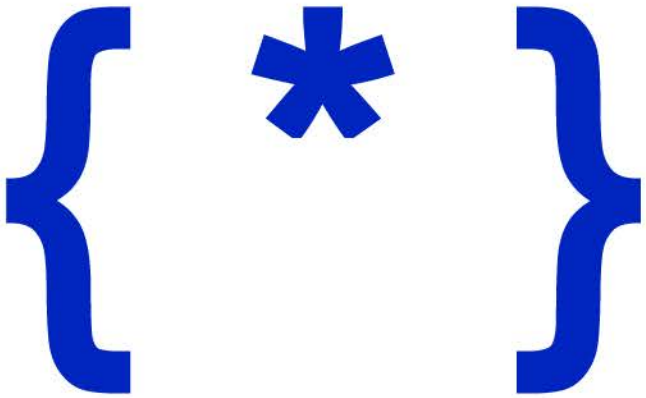

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Reena Datta
Design Release Engineer
General Motors Hybrid Systems
Work: 248-752-8137

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"Go Boilers"

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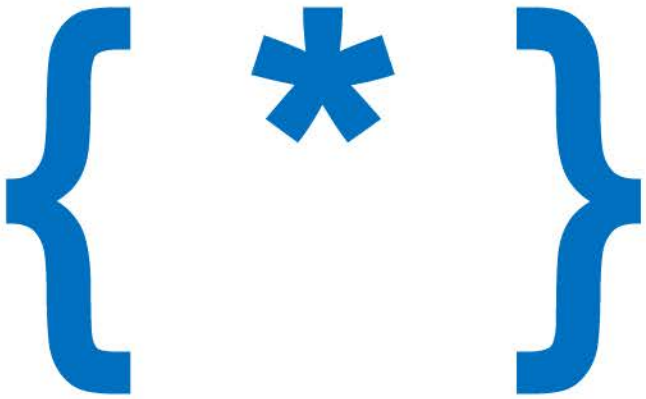
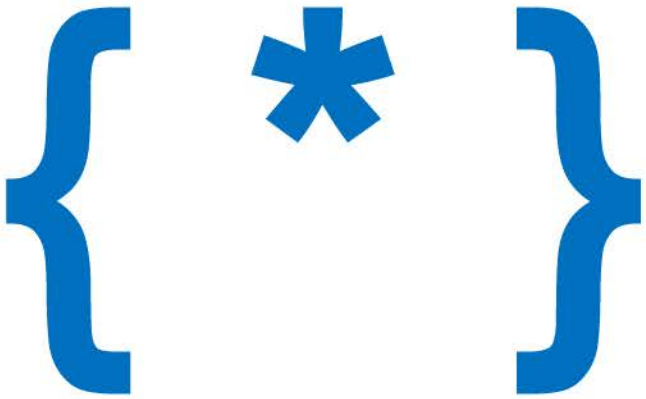
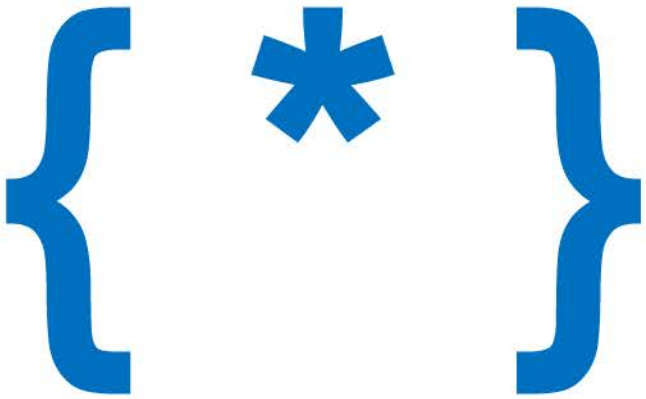
GM Vehicle Engineering Center
Cell: 248.515.2572







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Kevin Diviney	Rick, FYI. This is one of the cases I s...	04/25/2013 09:30:09 AM
Reena Datta	Hi Kevin, I spoke with Joe Thompson...	04/25/2013 09:21:40 AM

{ * }

Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell

[attachment "BpimWar65MGUWeld 002rs.jpg" removed by Daniel Weaver/GMch]
[attachment "BpimWar65MGUWeld 001rs.jpg" removed by Daniel Weaver/GMch]

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To join the online meeting (Now from mobile devices!)
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1. Go to
https://gm.webex.com/gm/j.php?ED=193607857&UID=0&PW=NNzM5MTkxODk5&RT=MiMxMQ%3D%3D
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: 6866187
4. Click "Join".

To view in other time zones or languages, please click the link:
https://gm.webex.com/gm/j.php?ED=193607857&UID=0&PW=NNzM5MTkxODk5&ORT=MiMxMQ%3D%3D

To join the teleconference only

Provide your phone number when you join the meeting to receive a call back.
Alternatively, you can call:
Call-in toll-free number (ATT Audio Conference): 1-8662972155 (US)
Show global numbers:
https://www.teleconference.att.com/servlet/glbAccess?process=1&accessNumber=8662972155&accessCode=6866187&accessNumber2=
Attendee access code: 686 618 7

For assistance
---
1. Go to https://gm.webex.com/gm/mc
2. On the left navigation bar, click "Support".

You can contact me at:
frederick.billotto@gm.com

To add this meeting to your calendar program (for example Microsoft Outlook), click this link:
https://gm.webex.com/gm/j.php?ED=193607857&UID=0&ICS=MI&LD=1&RD=2&ST=1&SHA2=2Upkja-mtEBZGFAmou-tXHk1HCLPSCv7rsLtejAXX6o=&RT=MiMxMQ%3D%3D

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Your Notes:

{ * }

GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com

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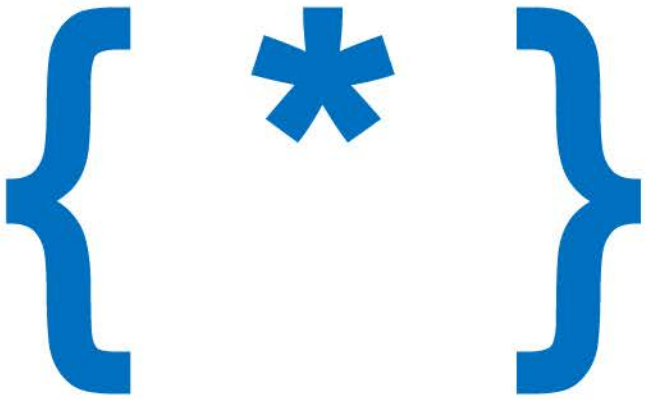

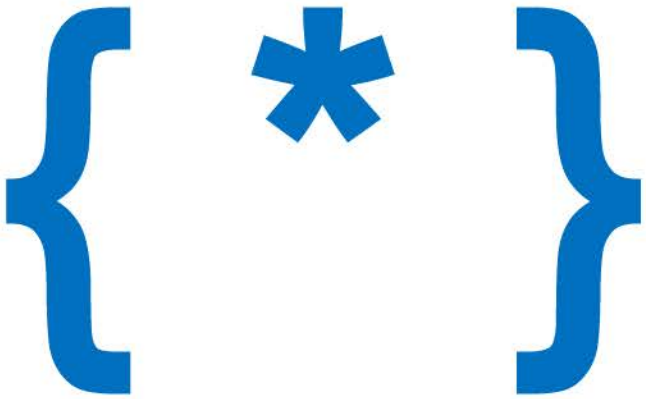

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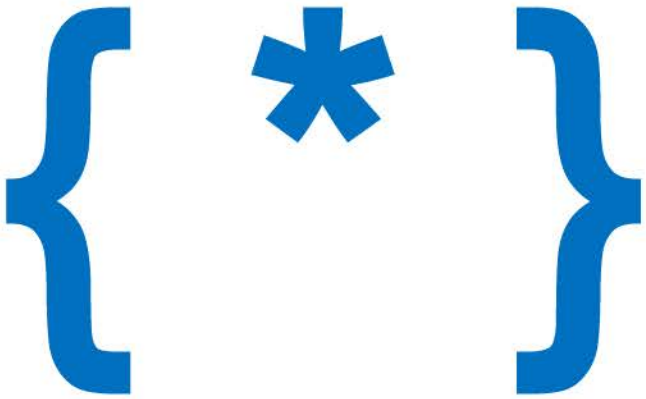

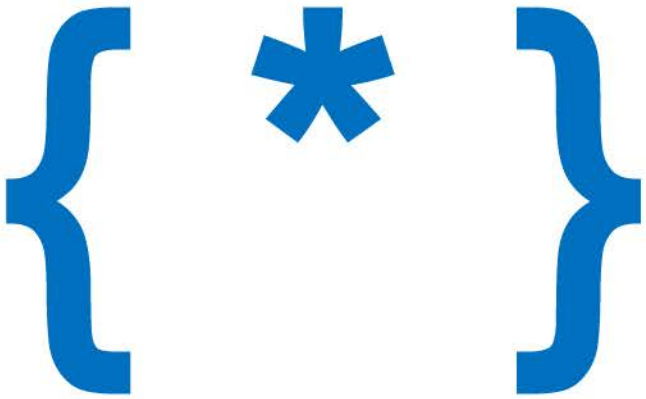

[attachment "eAssist_P0CA2_Summary_13Jun2012(1).xlsx" removed by Joseph Thompson/GMch]

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From: reena.datta@gm.com
Date: 07/10/2012 03:07PM
Subject: Agenda for Thu meeting next week

Hi Gary,

Do you have an agenda prepared for the meeting on Thu next week? If so, could you please send to Mehrdad and me for review prior to the meeting?

Thank you,

Reena
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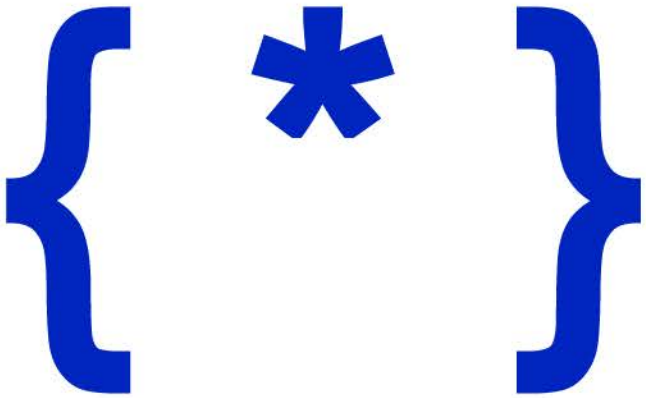


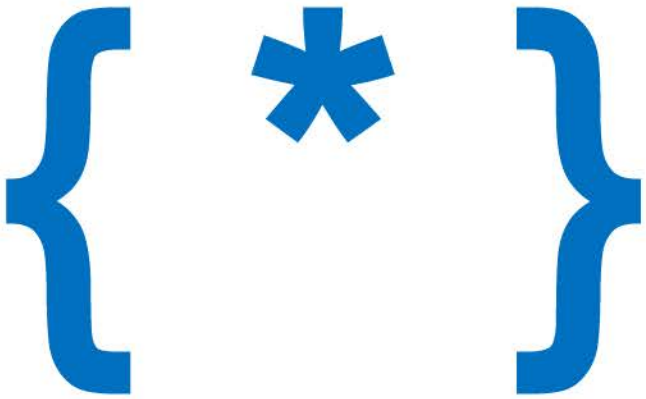
Thank You,
Brian Ciaverella
Hybrid Platform Escalation Team
GM Technical Assistance Center
An Associate of Morley Companies
Desk 989-249-6538
Fax 866-842-9445
brian.1.ciaverella@gm.com

{ * }

Kevin Diviney
Program Quality Manager - e-Assist
248-343-9311 cell

06AUG12 TAC Summary.pptx

Warranty review BPIM APM 07AUG12 v3.pptx



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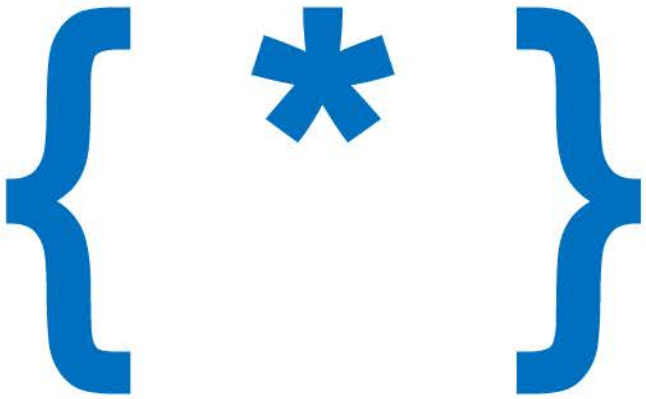
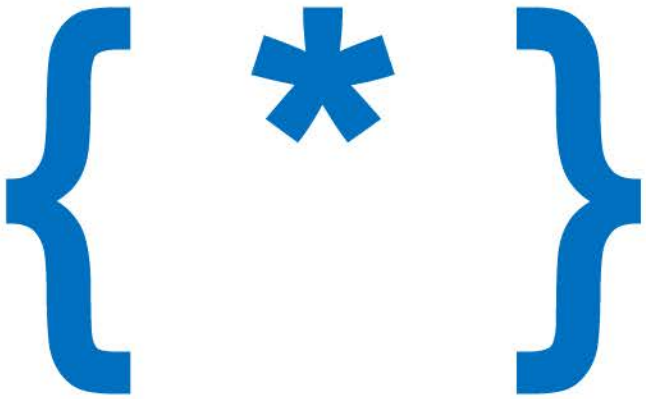
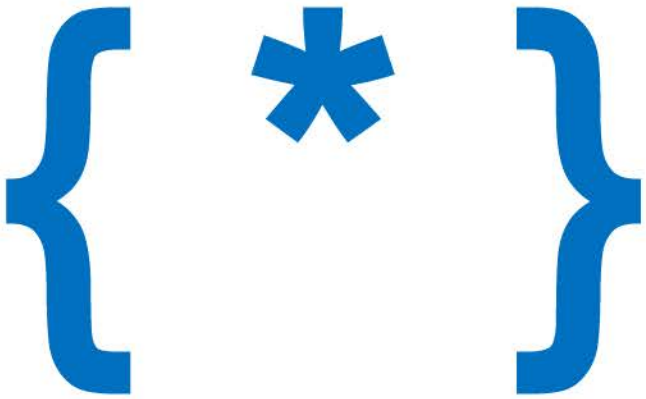
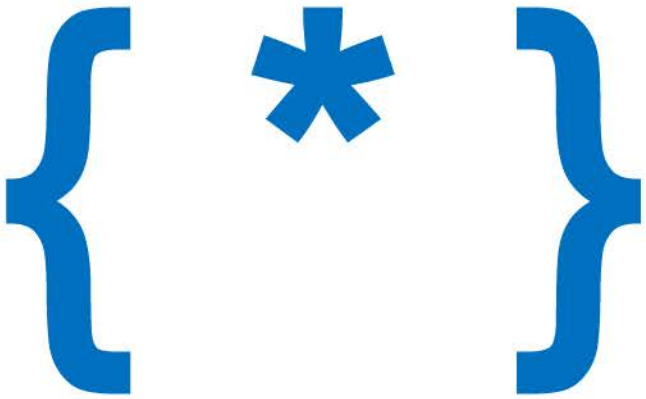


Len Chalawa
Sr. Reliability Engineer
GM Milford Proving Grounds
248-928-6411
len.chalawa@gm.com







Pack Warranty Return_3_08-09-12.JPG" deleted by Tony J. Saliga/US/GM/GMC]

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Fax: (765) 451-9973
M.S. 6060
e-mail james.fortune@gmch.com
Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902
Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of this e-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
"Go Boilers"
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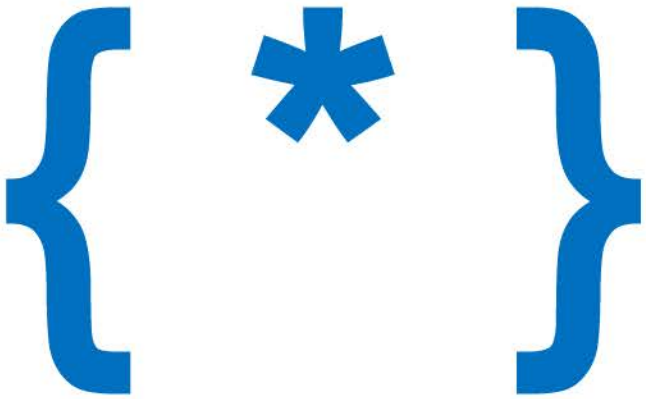
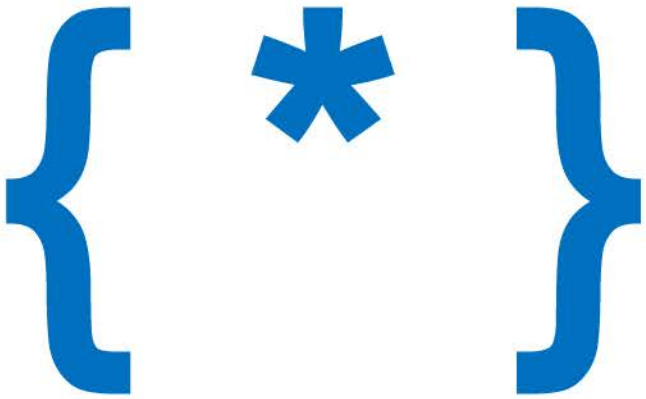
[attachment "Serial Number List for suspect PCB lots.xlsx" removed by Stephen Cichy/US/GM/GMC]





Email: joe.gust@gmch.com
http://kokomogmch.com

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Lucky Sagong	08/15/2012 07:45:41 AM

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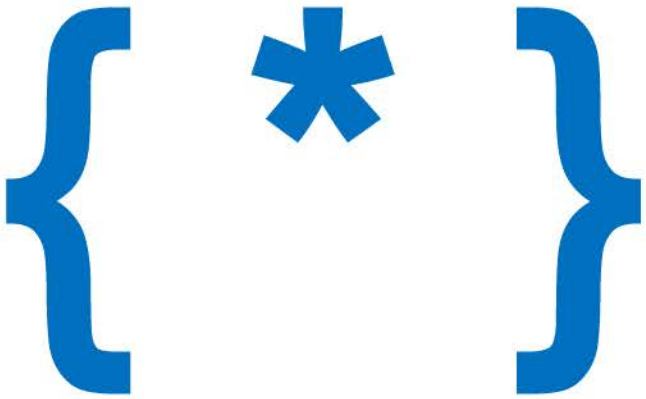
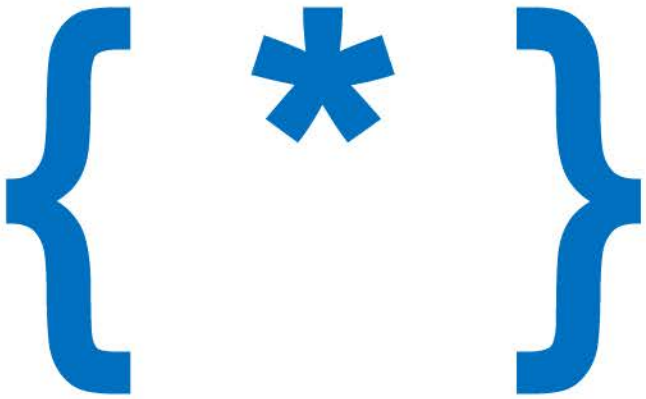
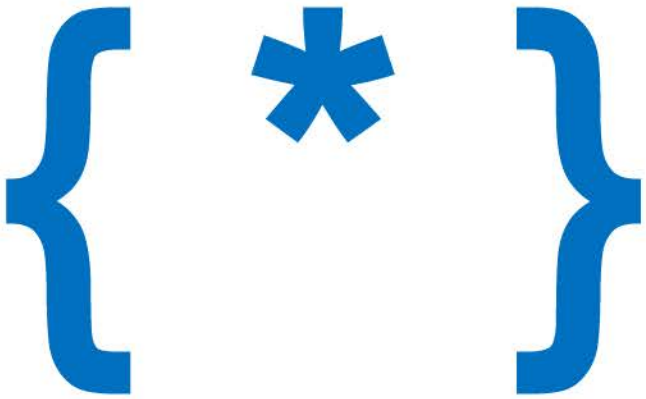
[attachment "Pack Carton Ship To Destination - Needed.xlsx" removed by Craig Rosenstengel/GMch]
[attachment "Pack Carton Ship To Destination 8-14-12.xlsx" removed by Craig Rosenstengel/GMch][attachment "Serial Numbers 8-16-12.xlsx" deleted by Reena Datta/US/GM/GMC]







Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com[attachment "Hipot performance Option 1.ppt" deleted by Reena Datta/US/GM/GMC]

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[attachment "800068413010_FS400R07_FQE_LV12AL-00791[1].zip" removed by James Fortune/GMch]

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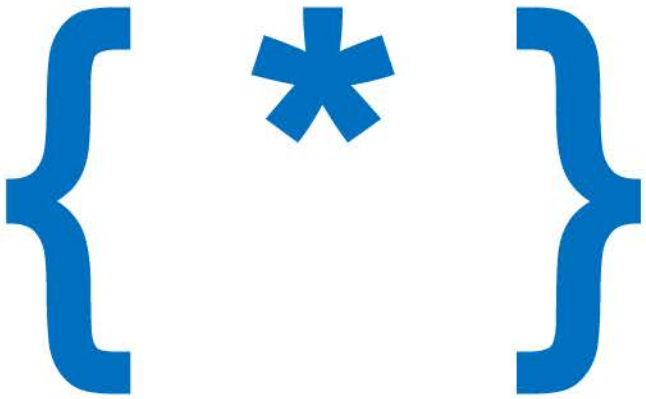

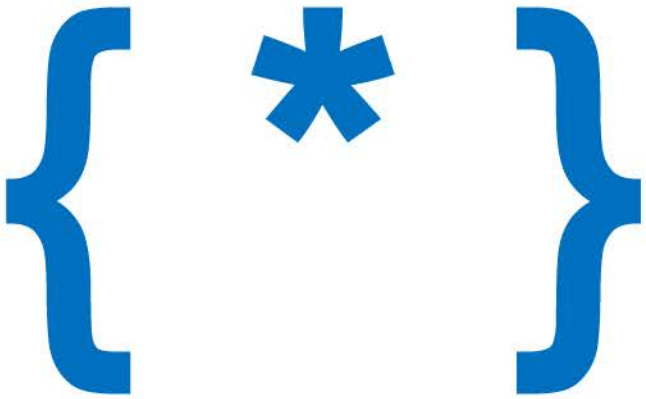

[attachment "BPIM177_QIS2-1G11F5RR8DF102286_28Sep2012.xlsx" removed by Joseph Thompson/GMch]

[attachment "BPIM177 09_04_2012.piz" removed by Joseph Thompson/GMch]

{ * }

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

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Name: APM-BPIM PV3 Test Plan 3-30-12.zip
Type: application/zip
Size: 10483930

{ * }

Dan Cottrell
Electrification Vehicle System Engineer, eAssist Propulsion System
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

{ * }

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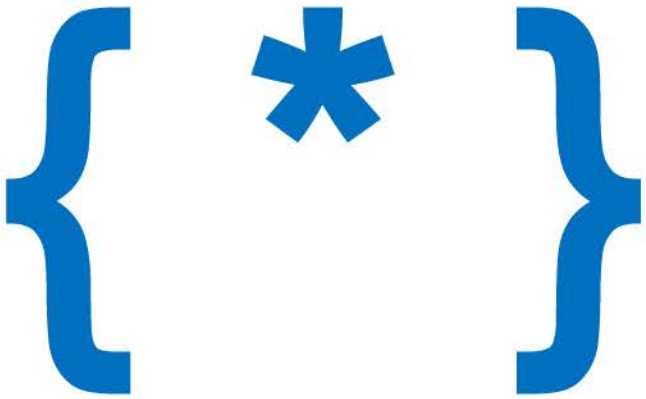
****
****



Regards,

Fred Billotto
Senior Project Engineer

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Hybrid Energy Storage

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

{ * }

----- Forwarded by Frederick Billotto/US/GM/GMC on 10/29/2012 12:51 PM -----

From: Reena Datta/US/GM/GMC
To: Frederick Billotto/US/GM/GMC@GM
Date: 10/29/2012 12:24 PM
Subject: eAssist - GMCH Test Procedure

(See attached file: eAssist_GMCH-Test-Procedure_29Oct2012.pptx)

{ * }

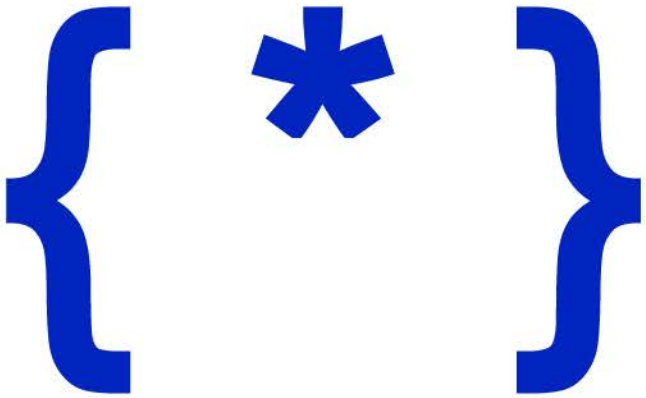
Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification -
Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

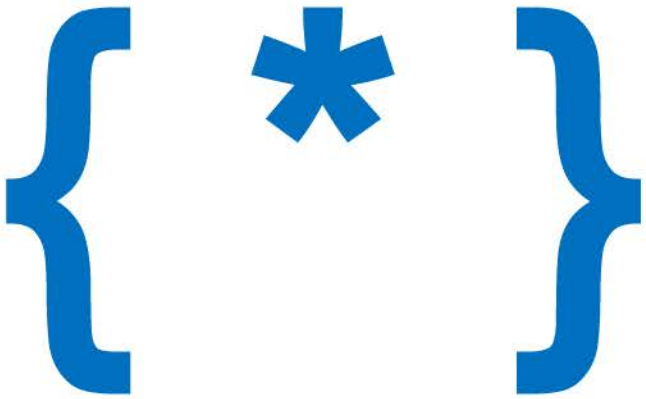
[attachment "One pager for Cap board issue.xlsx" removed by Stephen Farris/US/GM/GMC]

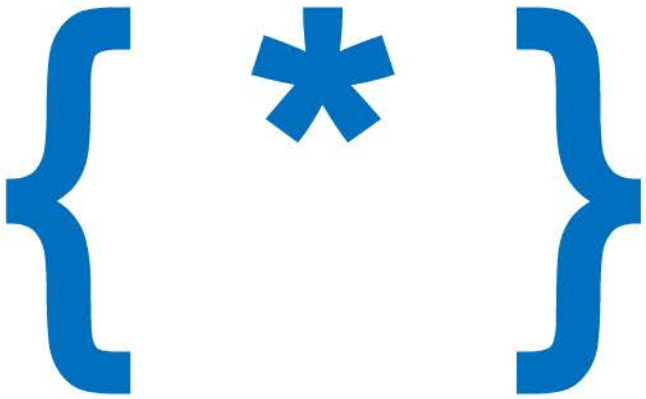


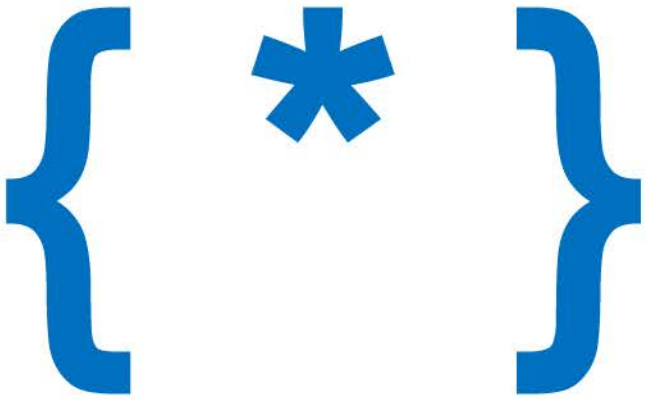
Kristin L. Curran | *Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com

TAC_Cases_Nov05_2012.xls

TAC_Cases_Nov06_2012.xls







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Size: 37999

[attachment "Z0.TIF" deleted by Steven V Wybo/US/GM/GMC]

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Size: 2318

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Mobile Ph (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

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eAssist_Cap Board Dealer Return Investigation_2NOV2012[1].pptx

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Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

{ * }

Pontiac, MI, 48340
MC 438-730-472
Ph: 248.670.8088

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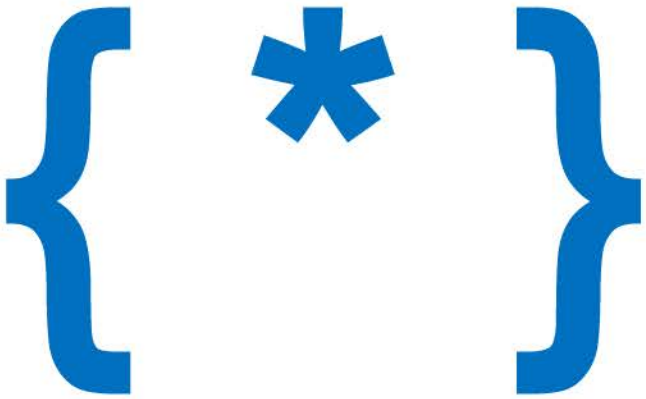
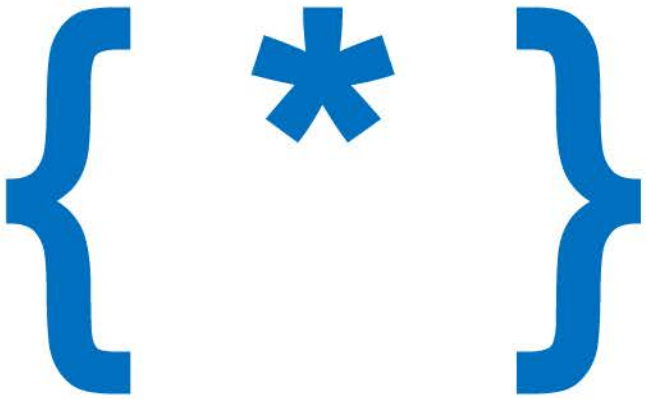
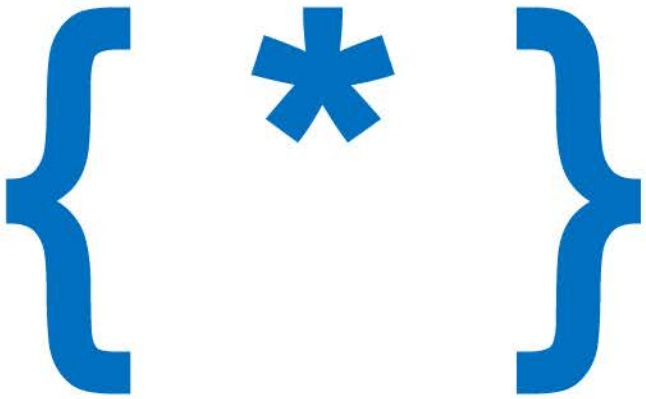
{ * }

Phone: (586) 859-9936 Fax: (586) 492-1575 E-Mail: ranjini.sharma@gm.com







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Name: image001.png
Type: image/png
Size: 37999

[attachment "Z0.TIF" deleted by Steven V Wybo/US/GM/GMC]

{ * }

Steve Wybo
Subject Matter Expert
Power Electronics

Tel: 248 410 3356
steven.wybo@gm.com

General Motors Corporation
Warren Technical Center
Alternative Energy Center
30003 Van Dyke Avenue
Warren, MI 48093

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Regards,

Fred Billotto
Senior Project Engineer

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Hybrid Energy Storage

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

Reena Datta/US/GM/GMC
11/29/2012 03:17 PM

To Gary Backs <gary.backs@gmch.com>
cc
bcc
Subject Screenshot 2

{ * }

Reena Datta/US/GM/GMC
11/29/2012 03:06 PM

To Gary Backs <gary.backs@gmch.com>
cc
bcc
Subject Screenshot

{ * }

{ * }

Thank you,

Reena

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[attachment "eAssist_Cap-PCB-Returns_28Nov2012.xlsx" removed by Daniel Weaver/GMch]

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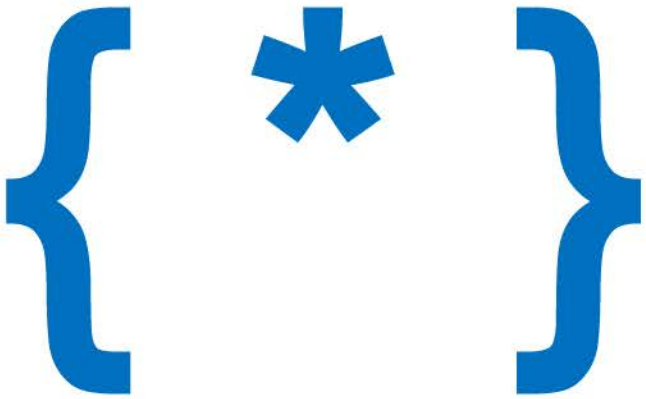

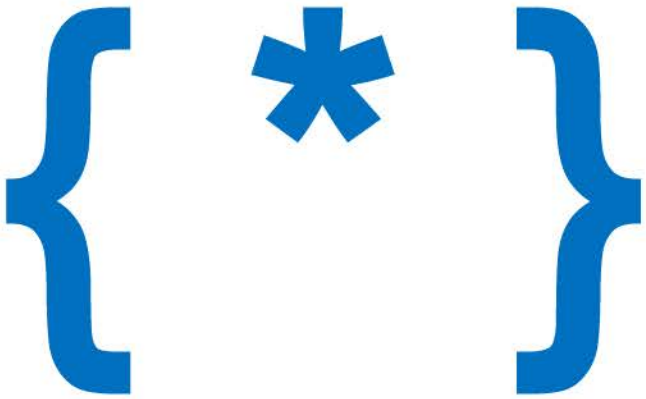

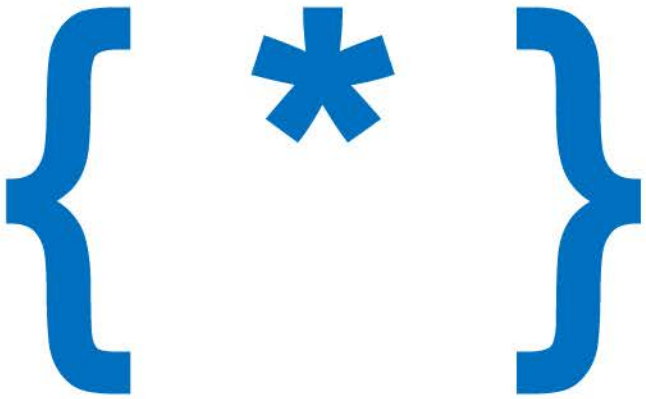

sender and delete it from your computer.
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Type: image/gif
Size: 1496

{ * }

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

{ * }

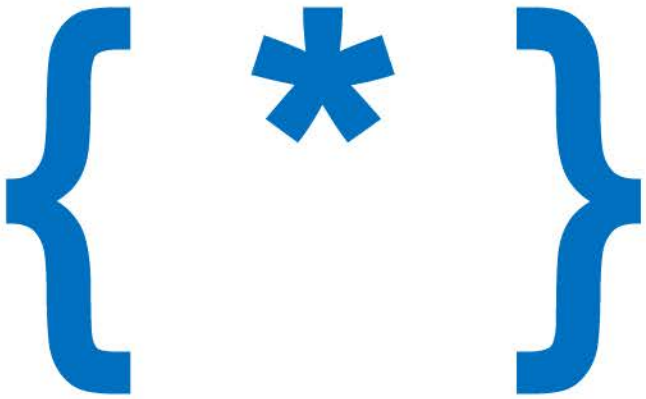
Steve Wybo
Subject Matter Expert
Power Electronics

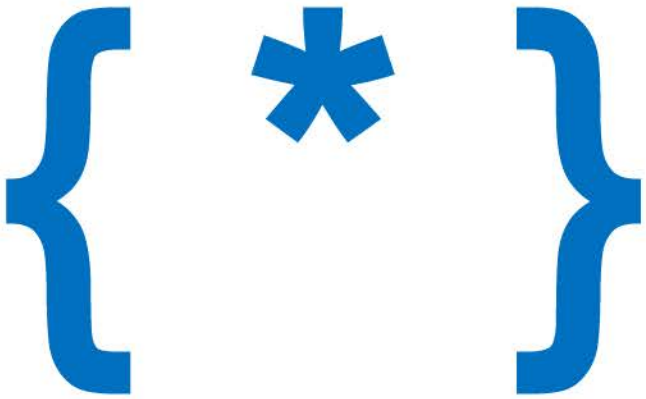
Tel: 248 410 3356
steven.wybo@gm.com

General Motors Corporation
Warren Technical Center
Alternative Energy Center
30003 Van Dyke Avenue
Warren, MI 48093

{ * }

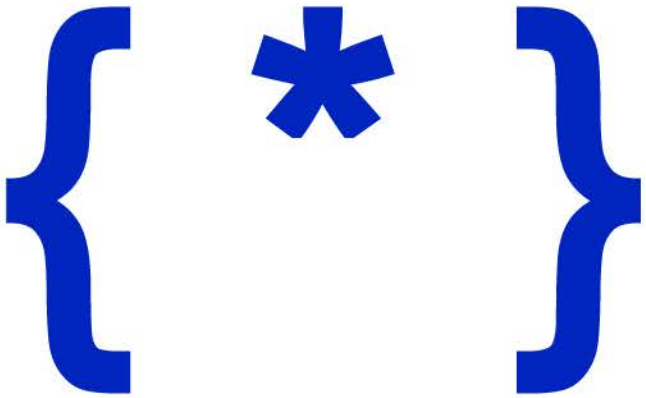
[attachment "eAssist_CANalyzer-BPIMTestSetup_06Dec2012.ASC" removed by Joseph Thompson/GMch][attachment "eAssist_CANalyzer-BPIMTestSetup_Test2_06Dec2012.ASC" deleted by Rick H Schroeder/US/GM/GMC] [attachment "eAssist_CANalyzer-BPIMTestSetup_Test2_06Dec2012.xls" deleted by Rick H Schroeder/US/GM/GMC]





Thanks,

Don Rowley
Volt/Hybrid Consultant GM Technical Assistance
An Associate of Morley Companies
Ph 866-790-4600 Ext. 20668
Fax 866-842-9460
Email - donald_rowley@gmexpert.com [attachment "71-1132881046.pdf" deleted by Frederick Billotto/US/GM/GMC]



10Dec12 BPIM Powerpack TAC CASES FROM 27Jun12.xls

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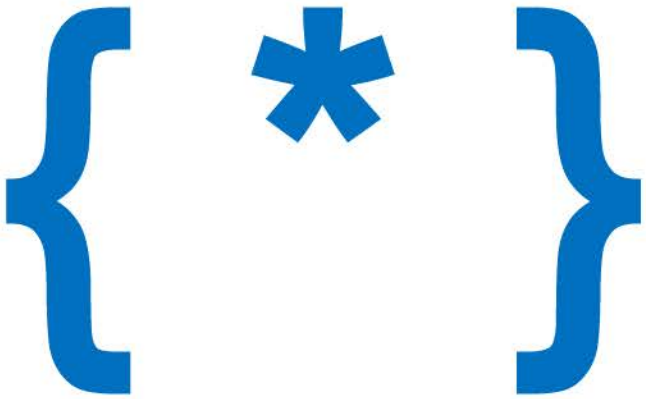
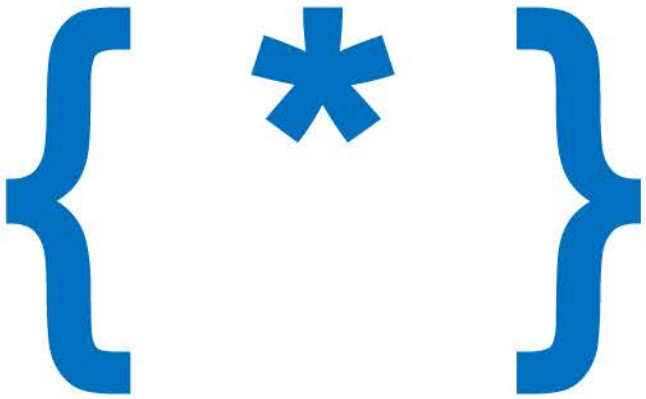
{ * }

Thanks!

Kristin L. Curran | *Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com

[attachment "53939.xlsx" removed by Len Chalawa/US/GM/GMC]





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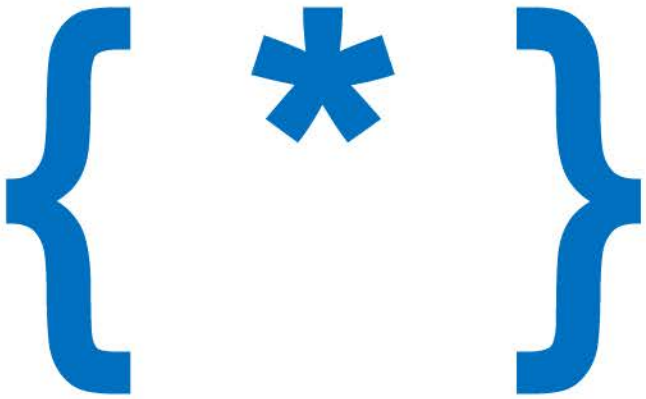
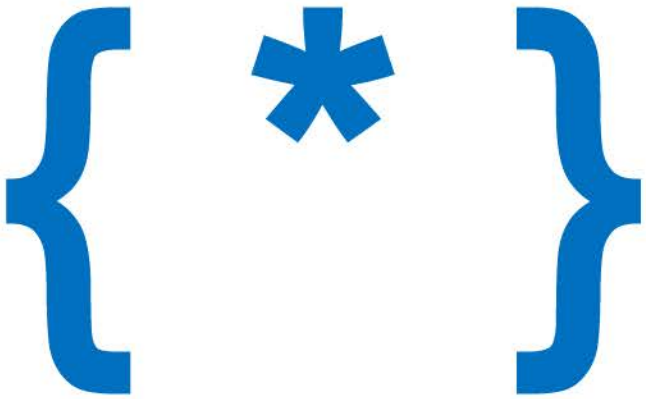
****

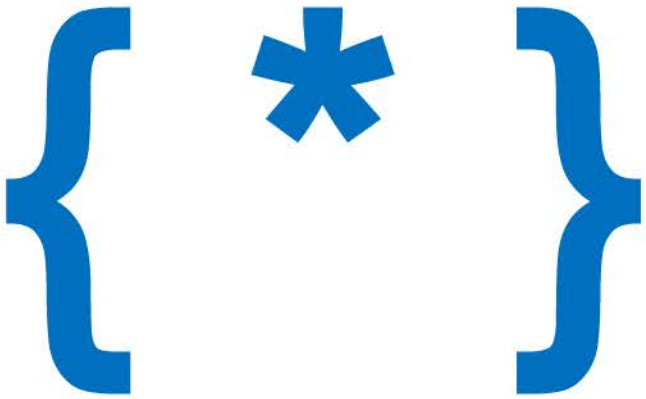
{ * }

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com







Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

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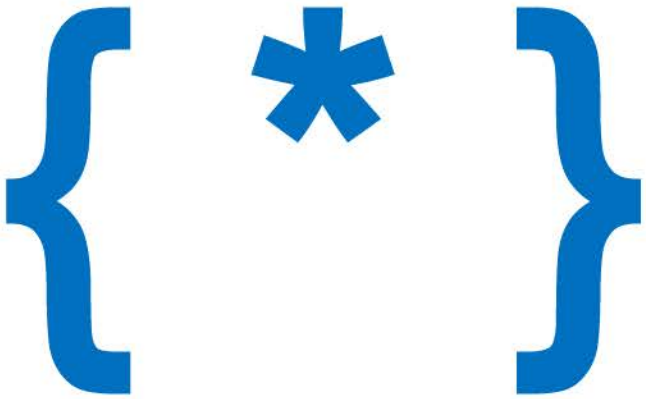

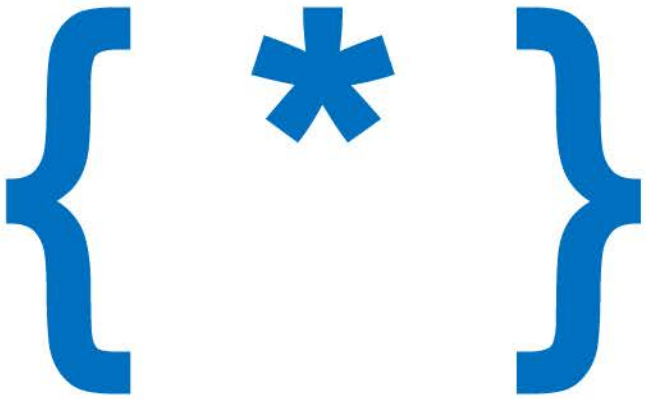

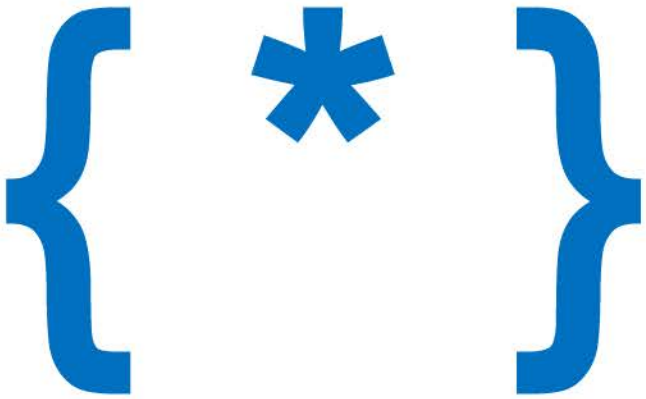

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[attachment "53939.xlsx" removed by Daniel Weaver/GMch]

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17Dec12 BPIM Powerpack TAC CASES FROM 27Jun12.xls

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Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification -
Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{ * }

I have some waveforms attached from the simulations and the tabulated results in the attached spreadsheet. Hopefully this, along with some data captured from a running unit will be enough to take the ripple current question off the table.

See you Monday.

Joel

****
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Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone
317-670-1204 Cell
765-451-1667 Lab

{ * }

Joe Thompson
Current Product Engineer
Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

{ * }

Joe Thompson
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Power Electronics GMCH Kokomo IN
765-451-7065 phone

317-670-1204 Cell

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Fred Billotto
Senior Project Engineer

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Hybrid Energy Storage

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

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INFORMATION E-MAIL ONLY. Please do not reply to this message.

Special Request EX0060258 has been received in the GM Warranty Parts Center and is available for on-site inspection.

Received at WPC: 12-18-2012
Repair Order#: 050189
Dealer: SUN CHEVROLET
Labor Code: N5866 Generator Control and Battery Module Replace and ship prepar
Part Number:
VIN: 1G11F5RR3DF[redacted]
Comments: HYBRID BATTERY, PLEASE USE THE ATTACHED SHIPPER TO RETURN, DO NOT USE CENTRAL. PLEASE E-MAIL THE TRACKING # TO JULIE.CUMO@GM.COM. THANK YOU!

Request Type: OnSite

Julie Cumo
GM WPC Administrator
248-371-9939

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PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com

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Fang Shenglei 方圣磊
Supplier Quality Engineer,Purchasing Dept.
Shanghai General Motors Corporation Limited
Tel:(86 21)2891 7591 Fax:(86 21) 5854 0821
Mobile:15921996997
Email: shenglei_fang@shanghaigm.com
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[attachment "SGME16 Non-LFW Launch Plan(2013-1-4).xls" removed by Gary Backs/GMch]

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Work [redacted]

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[attachment "eAssist_5PhaseSummary_P0CA2_14Feb2013.pptx" removed by Gary Backs/GMch]

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[attachment "18MAR13 BPIM Powerpack TAC CASES FROM 27Jun12 sorted for P1A6F or P1A6F and P0AC4.xls" removed by Daniel Weaver/GMch]
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Thank you,

Kristin L. Curran|*Brand Quality Manager, Advanced Propulsion*
General Motors Company
30501 Van Dyke, Warren, MI 48090
Cell 586.206.0611 **Email** kristin.curran@gm.com

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[attachment "18MAR13 BPIM Powerpack TAC CASES FROM 27Jun12.xls" removed by Daniel Weaver/GMch]
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any of its affiliates.
"Go Boilers"

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Electrification Vehicle System Engineer, eAssist Propulsion System
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

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M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

Delphi's manufacturing locations at Rochester NY, Wyoming MI, Lockport NY, and Kokomo IN, have been sold effective October 6, 2009. Under the new owners, the business operates as the legal entity - General Motors Components Holding (GMCH). The sender of thise-mail and other employees of the GMCH business are not employed by, acting on behalf of, or affiliated with Delphi Automotive or any of its affiliates.
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= [attachment "PCB Chages for Option 3.pptx" deleted by Brian T Marusak/US/GM/GMC] [attachment "Analysis of Infineon HPM Attachment Solder Joints on BAS+ Modules with Interlayer Non-functional Pads (EWR #40021).pptx" deleted by Brian T Marusak/US/GM/GMC] [attachment "Unit Hardware Tear down.pptx" deleted by Brian T Marusak/US/GM/GMC]

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[attachment "PV3 Teardown Final Torque.xlsx" removed by Stephen Farris/US/GM/GMC]

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Let me know if you have any other relevant information to add to the summary.

Regards,

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification -
Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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Fred Billotto
Senior Project Engineer

Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Hybrid Energy Storage

General Motors Corp.
Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

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Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

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Warren Technical
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30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

{ * }

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Regards,

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification -
Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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email: frederick.billotto@gm.com 30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

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rick.schroeder@gm.com
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Mail Code: 483-710-201
email: kevin.diviney@gm.com

Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

{ * }

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com
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[attachment "eAssist_BPIM_background_and_proposal.pptx" removed by Gary Backs/GMch]

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Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

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"Go Boilers"

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All,

Following our review of the eAssist BPIM issue with John Calabrese and Alicia Boler-Davis this morning, I think we have clear direction on the proposed voluntary field action that will be taken forward to NHTSA next week. I just IM'd with Chris to agree on next steps.

Chris indicates that FPE has the ball and can prepare the necessary documents with some limited support from the Quality folks on VIN numbers. We agreed that the technical team will focus this week on:

1. Closing out any loose ends in the warranty, root cause, and fix effectiveness studies, and ...
2. Gathering as much information as possible on the North Carolina vehicle that we hope to get back still this week and for which the conversation with the dealer will begin today

Dan, I will rely on you to keep the vehicle team(s) up to speed.

Bob, Doug, please advise on how you recommend formally communicating the plan to SGM and GMK - who will take the lead and what information to include. Am thinking that the technical team should probably not lead on this task.

Finally, Chris and I both want to especially thank Kevin, Kristin, and the GMCH team for their all-out efforts over the weekend to work on the risk profiles, which were essential to coming to a recommendation. Outstanding effort and commitment to the task, taken on thoughtfully and without any hesitation. Thank you very much and thanks to everyone else who pitched in over the weekend.

Stephen

Privileged and Confidential - Prepared at the Request of Counsel

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Fax:+86-21-58589013
Email:guoliang_wu@patac.com.cn
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Min Zhang	Hi Guoliang, Pls GMCH check if the below powerp...	2013/04/28 17:36:00

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Product Quality Manager
Power Electronics / T42 Hybrid Controllers / Sensors / Thick Film Printing
General Motors Components Holdings, LLC
http://kokomogmch.com
Phone: (765) 451-9558
Cell: (765) 480-0385
Fax: (765) 451-9973
M.S. 7109
e-mail james.fortune@gmch.com

Parcel Delivery:
General Motors Components Holdings, LLC
POU 1572-0U25-00P7
2603 S. Goyer Road
Kokomo, IN 46902

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We can arrange covered transport in one of 2 ways: 1) Tarp covering during transport (which includes taping over all vehicle/mfg logos on the exterior of the vehicle under the tarp); or, 2) Transport in an enclosed carrier. Enclosed carrier transport will cost an additional $1000.

Please advise if necessary to use enclosed carrier transport.

Glenn A. Jackson
Attorney
GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

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Stephen

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{In Archive} Re: Fw: Transport of e-assist Malibu from South Carolina to MPG

Stephen Poulos to: Gary Backs 04/30/2013 08:16 AM

Cc: carmen.benavides, christopher.janik, doug.wachtel, frank.schauerte, Joseph Thompson, kevin.diviney, kristin.curran, mehrdad.teimor, sean.gleason, tony.j.saliga, William Whitlock,

Archive: This message is being viewed in an archive.

Gary,

I think it will be important to assess on the spot in Milford which board failed or if a totally different cause was involved. If you need Frank to be present and to help perform the examination, then he should plan to be in Milford early Wed. Further root cause can happen in Kokomo, but we need the basic assessment done Wed, please. Thanks,

This all assumes that release signatures were in fact obtained Monday evening and that the vehicle will arrive in Milford during the day Wed. Lou Carlin, can you please confirm status?

Thanks,

Stephen

Gary Backs Stephen, Frank Schauerte, copied on this em... 04/30/2013 07:58:29 AM

From: Gary Backs <gary.backs@gmch.com>
To: stephen.poulos@gm.com
Cc: carmen.benavides@gm.com, christopher.janik@gm.com, doug.wachtel@gm.com, kevin.diviney@gm.com, kristin.curran@gm.com, mehrdad.teimor@gm.com, sean.gleason@gm.com, tony.j.saliga@gm.com, frank.schauerte@gm.com, Joseph Thompson <joseph.thompson@gmch.com>, William Whitlock <william.whitlock@gmch.com>
Date: 04/30/2013 07:58 AM
Subject: Re: Fw: Transport of e-assist Malibu from South Carolina to MPG

Stephen,

Frank Schauerte, copied on this email, will contact Tony to support initial analysis of vehicle and arrange logistics of PP to Kokomo.

Please copy him on correspondence regarding this issue.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278

MOB: 317-517-9211

gary.backs@gmch.com

-----stephen.poulos@gm.com wrote: -----
To: carmen.benavides@gm.com
From: stephen.poulos@gm.com
Date: 04/29/2013 04:07PM
Cc: christopher.janik@gm.com, doug.wachtel@gm.com, kevin.diviney@gm.com, kristin.curran@gm.com, tony.j.saliga@gm.com, mehrdad.teimor@gm.com, sean.gleason@gm.com, Gary Backs <gary.backs@gmch.com>
Subject: Fw: Transport of e-assist Malibu from South Carolina to MPG

Carmen,

Just spoke with Tony. Looks like they are expecting papers signed this evening, allowing vehicle to be here some time Wed. Unless plan for signature falls apart, we should probably proceed with shipment, as by the time we send someone to NC it will be end of day Tuesday, dealer closing, and maybe no real work til Wed anyway. Roughly an 11 hour drive. We can do much more with it here. May need GMCH folks to meet us in Milford for part pickup after basic check at MPG. Latest ...

Advise if these plans won't work for your dialogue with NHTSA. Thanks,

Stephen

----- Forwarded by Stephen Poulos/US/GM/GMC on 04/29/2013 03:56 PM -----

From: Tony J. Saliga/US/GM/GMC
To: Stephen Farris/US/GM/GMC@GM, gary.backs@gmch.com, Stephen Poulos/US/GM/GMC@GM, Reena Datta/US/GM/GMC@GM, Sean E Gleason/US/GM/GMC@GM, Mehrdad Teimor/US/GM/GMC@GM, Daniel D. Cottrell/US/GM/GMC@GM, Philip Brodzik/US/GM/GMC@GM, Kevin Diviney/US/GM/GMC@GM, BRUCE B WILLIS/US/GM/GMC@GM, Kelli Mandeville/US/GM/GMC@GM, Karen L. Stewart/US/GM/GMC@GM
Cc: Glenn A. Jackson/US/GM/GMC@GM, Louis Carlin/US/GM/GMC@GM, Kelly Kufel/C/US/GM/GMC@GM, Chris Roffey/C/US/GM/GMC@GM, Ryan Brown/US/GM/GMC@GM, Kristin L Curran/US/GM/GMC@GM
Date: 04/29/2013 03:00 PM
Subject: Fw: Transport of e-assist Malibu from South Carolina to MPG

We are expecting the vehicle to arrive at MPG on Wednesday May 1. We would like to have a look inside the BPIM before Friday so as to draw some conclusions about the failure. Stephen would like to have this information for a meeting on Fri. We know this pack set a P0CA2 3 months prior to incident. Gary, can you please make arrangements to have someone at MPG on Wednesday through Thursday to help gain as much information as possible. This person can then hand carry the power pack to GMCH for further analysis.
Kelly Kufel please keep this distribution up to date if deliver details change.
The vehicle will be in a special garage in building 16 per Kelli Mandeville.

Thanks
Anthony Saliga
Lead Propulsion Development Engineer
FWD eAssist Programs
Pontiac North Powertrain Campus
Building B Powertrain Global
823 Joslyn Road
Pontiac, MI, 48340

MC 438-730-472
Ph: 248.670.8088

----- Forwarded by Tony J. Saliga/US/GM/GMC on 04/29/2013 02:39 PM -----

From: Glenn A. Jackson/US/GM/GMC
To: Tony J. Saliga/US/GM/GMC@GM
Cc: Louis Carlin/US/GM/GMC@GM
Date: 04/29/2013 02:31 PM
Subject: Re: Transport of e-assist Malibu from South Carolina to MPG

Checking on status of transaction for us to get vehicle and transport. We need the owner (and owner attorney) to complete some steps before we can take possession and get it on the road to MPG.

Because of that, if we can't complete the transaction to get it on the road by end of day tomorrow - it may make more sense to hold it there until you can send someone to take a look.

Will follow up when there is more info.

Glenn A. Jackson
Attorney
GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

From: Tony J. Saliga/US/GM/GMC
To: Glenn A. Jackson/US/GM/GMC@GM
Cc: Louis Carlin/US/GM/GMC@GM
Date: 04/29/2013 01:42 PM
Subject: Re: Transport of e-assist Malibu from South Carolina to MPG

We need to look at this vehicle before Fri. Can you tell me when it will arrive at MPG. If shipping is delayed we may elect to send someone to the dealer.

Thanks
Anthony Saliga
Lead Propulsion Development Engineer
FWD eAssist Programs
Pontiac North Powertrain Campus
Building B Powertrain Global
823 Joslyn Road
Pontiac, MI, 48340
MC 438-730-472
Ph: 248.670.8088

From: Glenn A. Jackson/US/GM/GMC
To: Tony J. Saliga/US/GM/GMC@GM
Cc: Louis Carlin/US/GM/GMC@GM
Date: 04/29/2013 12:14 PM
Subject: Transport of e-assist Malibu from South Carolina to MPG

We can arrange covered transport in one of 2 ways: 1) Tarp covering during transport (which includes taping over all vehicle/mfg logos on the exterior of the vehicle under the tarp); or, 2) Transport in an enclosed carrier. Enclosed carrier transport will cost an additional $1000.

Please advise if necessary to use enclosed carrier transport.

Glenn A. Jackson
Attorney
GM Legal Staff
Ph: 313-665-7518
Email: glenn.jackson@gm.com
400 Renaissance Center, P.O. Box 400, Detroit, MI 48265-4000
M.C. 482-026-601

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Thank you,

Reena
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[attachment "SI_Procedure_P1AF0.pdf" removed by Joseph Thompson/GMch][attachment "E-Assist 3Phase Terminal.pptm" deleted by Bob Agresta/US/GM/GMC] [attachment "E-Assist Pack408 Pictures.pptm" deleted by Bob Agresta/US/GM/GMC]

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Mail Code: 483-710-201
email: kevin.diviney@gm.com

895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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[attachment "SI_Procedure_P1AF0.pdf" removed by Joseph Thompson/GMch][attachment "E-Assist 3Phase Terminal.pptm" deleted by Kevin Diviney/US/GM/GMC] [attachment "E-Assist Pack408 Pictures.pptm" deleted by Kevin Diviney/US/GM/GMC]

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We've been defining those buckets in terms of U.S. vehicle build dates, but need to get those definitions in terms of BPIM build dates, then some definition of how long after the BPIM is built is it installed in the vehicle in China and Korea.

Thanks for your continuing support!

Christopher Janik
Phone: 586-907-5098
VEC Podium: 2K2-12

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{In Archive} Fw: HiPot Update

Stephen Poulos to: Kevin Diviney 05/06/2013 09:10 AM

Archive: This message is being viewed in an archive.

fyi

----- Forwarded by Stephen Poulos/US/GM/GMC on 05/06/2013 09:10 AM -----

From:	Sean E Gleason/US/GM/GMC
To:	Stephen Poulos/US/GM/GMC@GM
Date:	05/06/2013 08:56 AM
Subject:	HiPot Update
Sent by:	Sean E Gleason

Stephen,

Jim Fortune confirmed verbally that there were no failures to the left of this chart. He is going to update the chart and send me a new version.

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Work: 248-752-8137
[attachment "eAssist_Test_Setup_06May2013.pptx" deleted by Anthony Modafferi/US/GM/GMC]

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THE PART ONLY NO ONE CAN GIVE A DATE WHEN THE PART WILL BE AVAILABLE. I WAS TOLD IT COULD BE TV
THE WIRING HARNESS IS WIRED BY HAND AND GM ONLY HAS THE STOCK ON HAND FOR THEIR ASSEMBLY LI
ARTICLE ON THE FIRE RISK ASSOCIATED WITH THIS MODEL CAR, I HAD THOUGHT THAT THIS WAS ARSON. I N
DEALING WITH A DEFECTIVE CAR AND NO ONE FROM GM TOLD ME OF A RECALL. I FOUND THE ARTICLE AS A
I HAVE BEEN WITHOUT MY CAR FOR ONE MONTH AND MY INSURANCE COMPANY HAS TRIED TO WORK WITH
DEFINITIVE INFORMATION ON WHEN PART CAN BE AVAILABLE. THE DEALER HAS TO INSTALL THE WIRING HA
SHOP DOING ANY WORK. NOW BASED ON TIS RECALL, I SUSPECT THAT THIS IS THE SOURCE OF THE FIRE. T

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Manufacturer: General Motors LLC
Vehicle Identification No. (VIN): 1G4GA5ER4DF...

SUMMARY:

4/6/2013 MY 2013 BUICK LACROSSE 4CYCL EASSIST MODEL WAS PARKED IN DRIVEWAY. AT 9PM MY HUSBANI FROM THE CAR AND SAW THE CAR ON FIRE WITH FLAMES COMING FROM THE BACKEND REAR BUMPER. BY PUT OUT THE FIRE, THE BACK BUMPER, THE REAR SIDE ON THE PASSENGER SIDE AND THE REAR TAIL LIGH THE CAR HAS BEEN IN THE BODY SHOP SINCE 4/8/2013 AND NO WORK CAN BE DONE BECAUSE THE SHOP CA GM. THE PART IS THE WIRING HARNESS FOR THE EASSIST AND GM DOES NOT HAVE THIS PART IN THEIR PA CONTACTED GM CUSTOMER SERVICE AND WAS TOLD THAT THE DEALER CAN ORDER THE PART ONLY NO O WILL BE AVAILABLE. I WAS TOLD IT COULD BE TWO WEEKS OR 6 MONTHS. THE WIRING HARNESS IS WIRED I STOCK ON HAND FOR THEIR ASSEMBLY LINE. UNTIL I SAW THE 5/6/2013 ARTICLE ON THE FIRE RISK ASSOCIA THOUGHT THAT THIS WAS ARSON. I NOW BELIEVE THAT I AM DEALING WITH A DEFECTIVE CAR AND NO ONE FOUND THE ARTICLE AS A RESULT OF A WEB SEARCH. I HAVE BEEN WITHOUT MY CAR FOR ONE MONTH ANI TRIED TO WORK WITH THE DEALER TO GET DEFINITIVE INFORMATION ON WHEN PART CAN BE AVAILABLE. T WIRING HARNESS PRIOR TO THE BODY SHOP DOING ANY WORK. NOW BASED ON TIS RECALL, I SUSPECT TH TOO COINCIDENTAL!

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SUMMARY:

4/6/2013 MY 2013 BUICK LACROSSE 4CYCL EASSIST MODEL WAS PARKED IN DRIVEWAY. AT 9PM MY HUSBANI FROM THE CAR AND SAW THE CAR ON FIRE WITH FLAMES COMING FROM THE BACKEND REAR BUMPER. BY PUT OUT THE FIRE, THE BACK BUMPER, THE REAR SIDE ON THE PASSENGER SIDE AND THE REAR TAIL LIGH THE CAR HAS BEEN IN THE BODY SHOP SINCE 4/8/2013 AND NO WORK CAN BE DONE BECAUSE THE SHOP CA GM. THE PART IS THE WIRING HARNESS FOR THE EASSIST AND GM DOES NOT HAVE THIS PART IN THEIR PA CONTACTED GM CUSTOMER SERVICE AND WAS TOLD THAT THE DEALER CAN ORDER THE PART ONLY NO O WILL BE AVAILABLE. I WAS TOLD IT COULD BE TWO WEEKS OR 6 MONTHS. THE WIRING HARNESS IS WIRED I STOCK ON HAND FOR THEIR ASSEMBLY LINE. UNTIL I SAW THE 5/6/2013 ARTICLE ON THE FIRE RISK ASSOCIA THOUGHT THAT THIS WAS ARSON. I NOW BELIEVE THAT I AM DEALING WITH A DEFECTIVE CAR AND NO ONE FOUND THE ARTICLE AS A RESULT OF A WEB SEARCH. I HAVE BEEN WITHOUT MY CAR FOR ONE MONTH ANI TRIED TO WORK WITH THE DEALER TO GET DEFINITIVE INFORMATION ON WHEN PART CAN BE AVAILABLE. T WIRING HARNESS PRIOR TO THE BODY SHOP DOING ANY WORK. NOW BASED ON TIS RECALL, I SUSPECT TH TOO COINCIDENTAL!

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SUMMARY:

4/6/2013 MY 2013 BUICK LACROSSE 4CYCL EASSIST MODEL WAS PARKED IN DRIVEWAY. AT 9PM MY HUSBANI FROM THE CAR AND SAW THE CAR ON FIRE WITH FLAMES COMING FROM THE BACKEND REAR BUMPER. BY PUT OUT THE FIRE, THE BACK BUMPER, THE REAR SIDE ON THE PASSENGER SIDE AND THE REAR TAIL LIGH THE CAR HAS BEEN IN THE BODY SHOP SINCE 4/8/2013 AND NO WORK CAN BE DONE BECAUSE THE SHOP CA GM. THE PART IS THE WIRING HARNESS FOR THE EASSIST AND GM DOES NOT HAVE THIS PART IN THEIR PA CONTACTED GM CUSTOMER SERVICE AND WAS TOLD THAT THE DEALER CAN ORDER THE PART ONLY NO O WILL BE AVAILABLE. I WAS TOLD IT COULD BE TWO WEEKS OR 6 MONTHS. THE WIRING HARNESS IS WIRED I STOCK ON HAND FOR THEIR ASSEMBLY LINE. UNTIL I SAW THE 5/6/2013 ARTICLE ON THE FIRE RISK ASSOCIA THOUGHT THAT THIS WAS ARSON. I NOW BELIEVE THAT I AM DEALING WITH A DEFECTIVE CAR AND NO ONE FOUND THE ARTICLE AS A RESULT OF A WEB SEARCH. I HAVE BEEN WITHOUT MY CAR FOR ONE MONTH ANI TRIED TO WORK WITH THE DEALER TO GET DEFINITIVE INFORMATION ON WHEN PART CAN BE AVAILABLE. T WIRING HARNESS PRIOR TO THE BODY SHOP DOING ANY WORK. NOW BASED ON TIS RECALL, I SUSPECT TH TOO COINCIDENTAL!

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Dwayne Davidson
GM Product Investigations
TREAD Act Reporting
Phone/Cell: (586) 596-2062
email: dwayne.davidson@gm.com

Best Regards,

M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302

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Crash: No
Fire: Yes
Number of Injuries:0
Number of Deaths:0
Manufacturer: General Motors LLC
Vehicle Identification No. (VIN): 1G4GA5ER4DF...

SUMMARY:
4/6/2013 MY 2013 BUICK LACROSSE 4CYCL EASSIST MODEL WAS PARKED IN DRIVEWAY. AT 9PM MY HUSBAN
SOMETHING FROM THE CAR AND SAW THE CAR ON FIRE WITH FLAMES COMING FROM THE BACKEND REAR
COULD GET A HOSE TO PUT OUT THE FIRE, THE BACK BUMPER, THE REAR SIDE ON THE PASSENGER SIDE A
HAD ALL MELTED FROM THE HEAT. THE CAR HAS BEEN IN THE BODY SHOP SINCE 4/8/2013 AND NO WORK CA
SHOP CAN NOT GET A CRITICAL PART FROM GM. THE PART IS THE WIRING HARNESS FOR THE EASSIST AND
PART IN THEIR PARTS INVENTORY. ON 5/6/2012, I CONTACTED GM CUSTOMER SERVICE AND WAS TOLD THA
THE PART ONLY NO ONE CAN GIVE A DATE WHEN THE PART WILL BE AVAILABLE. I WAS TOLD IT COULD BE T
THE WIRING HARNESS IS WIRED BY HAND AND GM ONLY HAS THE STOCK ON HAND FOR THEIR ASSEMBLY L
5/6/2013 ARTICLE ON THE FIRE RISK ASSOCIATED WITH THIS MODEL CAR, I HAD THOUGHT THAT THIS WAS A
I AM DEALING WITH A DEFECTIVE CAR AND NO ONE FROM GM TOLD ME OF A RECALL. I FOUND THE ARTICLE
SEARCH. I HAVE BEEN WITHOUT MY CAR FOR ONE MONTH AND MY INSURANCE COMPANY HAS TRIED TO W
GET DEFINITIVE INFORMATION ON WHEN PART CAN BE AVAILABLE. THE DEALER HAS TO INSTALL THE WIRIN
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Best Regards,

M. Carmen Benavides
Director- Product Investigations, Safety Regulations & Certification,
Field Performance
cell 248-535-5302

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End of electrical endurance

After the (silver alloy) contact materials are burnt off due to contact wear, the (copper) contact carriers will weld together.

Dan Cottrell
Global Vehicle System Engineer, Electrification
GM Milford Proving Grounds
3300 GM Road Bldg 16, 1st floor, 16A-1038A
Milford, Michigan 48380
Phone 248 563 3771

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[attachment "eAssist_Contactor_Testing_04May2013.pptx" removed by Dan Schroeder/GMch]

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Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification -
Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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Teleconference information

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:
Call-in toll-free number: 1-8662263606 (US)
Call-in number: 1-6784667834 (US)
Show global numbers: https://www.tcconline.com/offSite/OffSiteController.jpf?cc=9875975
Conference Code: 987 597 5

http://www.webex.com

CCP:+16784667834x9875975#

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Personal Notes

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Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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Personal Notes

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Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com

Nanya lots revised confirmed cases only.pptx

Nanya charts.pptx

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Kokomo, IN USA 46904-9005

Phone : (765) 451-8243

Fax: (765)451-7156

Personal cell: (765) 438-3281

Email: daniel.weaver@gmch.com
[attachment "Nanya lots revised confirmed cases only.pptx" deleted by Bob Agresta/US/GM/GMC]
[attachment "Nanya charts.pptx" deleted by Bob Agresta/US/GM/GMC]

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SGM has communicated with their government and has agreed to implement the field action in China patterned after the US campaign. However, their concern over the quality of material for MY14 and the effectiveness of the countermeasure remains.

There is currently a plan for Scott (PM for Electrification for GMIO) and three representatives from SGM (Engineering, SQ, Quality) to visit Nanya Tuesday or Wednesday next week. The focus is not on the past as much as discussing with Nanya their understanding of the root cause and the robustness of their solution.

The sensitivity of GMCH Kokomo's supply situation with Nanya has been explained and is deemed to be understood. The visit is not planned as an inquiry as much as assessment of risk at SGM to continue their MY14 launch.

Based on these facts, the electrification team is looking for GMCH's concurrence with the visit. If we believe the visit will risk any pending actions to be taken with Nanya, or jeopardize our supply of material, we need to communicate with Scott over the weekend.

I will contact Jane, Cole, David, Bill; in the morning to review this memo for that concurrence.

Best Regards,

Gary L.Backs
Program Management
General Motors Component Holdings

PH: 765-451-5278
MOB: 317-517-9211

gary.backs@gmch.com
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impacted, it might be prudent to get buy-in from Powertrain leadership before we potentially impact their operations.

Sean Gleason
Senior Manager - Global Electrification Power Electronics
3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

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Senior Manager - Global Electrification Power Electronics
3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

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Subject:	13142 - Safety Recall Loss of Battery Charge – Replace Generator Control Module
Models:	2012-13 Buick LaCrosse and Regal; 2013 Chevrolet Malibu Eco Equipped with eAssist
To:	All Buick and Chevrolet Dealers
Attention:	General Manager, Service Advisor, Service Manager, Parts and Service Director, Parts Manager, New Vehicle Sales Manager, Used Vehicle Sales Manager, and Warranty Administrator

General Motors is announcing Safety Recall 13142 today. The total number of U.S. vehicles involved is approximately 21,000. Please see the attached bulletin for details.

Customer Letter Mailing

Customer will be notified in phases. The first phase will begin in early June 2013.

Global Connect (GWM)

The "Investigate Vehicle History" (IVH) screen will be updated May 24, 2013. A list of involved vehicles in dealer inventory is attached to this message.

Campaign Initiation Detail Report (CIDR)

The CIDR will be available June 29, 2013.

END OF MESSAGE
GM CUSTOMER CARE AND AFTERSALES

Message Attachment(s):

13142 bulletin.pdf Acrobat PDF (236.7KB)
13142 bulletin

13142 Inventory VINs.xlsx MS Excel Workbook 2007 (136.0KB)
13142 Inventory VINs

Contact name:	Loren Rusk	E-Mail:	loren.rusk@gm.com
Department:	Service - Brand Quality	Phone:	
Intended roles:	General Manager, New Vehicle Sales Manager, Parts & Service Director, Parts Manager, Service Advisor, Service Manager, Used Vehicle Sales Manager, Warranty Administrator		
Archives:	6/23/2013	Expires:	5/23/2014

GM Style Sheet.css 13142 bulletin.pdf 13142 Inventory VINs.xlsx

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13142 Inventory VINs

Contact name:	Loren Rusk	E-Mail:	loren.rusk@gm.com
Department:	Service - Brand Quality	Phone:	
Intended roles:	General Manager, New Vehicle Sales Manager, Parts & Service Director, Parts Manager, Service Advisor, Service Manager, Used Vehicle Sales Manager, Warranty Administrator		
Archives:	6/23/2013	Expires:	5/23/2014

GM Style Sheet.css 13142 bulletin.pdf 13142 Inventory VINs.xlsx

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Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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	6/11/13		

Kevin Diviney
Global Program Quality Manager /
Robust Engineering Specialist

Mobile Ph: (248) 343-9311
Mail Code: 483-710-201
email: kevin.diviney@gm.com

Global Electrification - Engineering Quality

General Motors Corp.
Pontiac North CET
895 Joslyn Avenue
Pontiac, Michigan 48340
Cube 2K08

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Kevin Diviney	Len, There are 8 TREAD case BPIM returns lis...	07/17/2013 08:25:16 AM

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[redacted] 8/6/2013

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- Any chance someone can send my dealer a "qualified" known good part?

Any info or assistance is appreciated.

Thanks,
Chris Farmer
Manager Aftersales - Chevrolet
Western Region
Cell 714-336-4237
Fax 714-960-3035
e-Mail chris.c.farmer@gm.com

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Mobile Ph: (248) 904-9949
Mail Code: 480-210-411
email: frederick.billotto@gm.com

Warren Technical Center
30001 Van Dyke Avenue
Warren, Michigan 48090
VEC 4AV23

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3300 General Motors Road Milford MI 48380
Bldg. 31E-LL-21
cell: (248) 670-8083

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How long from the time we say go for you to build ~10000 BPIMs, and then how many a month could you build after that?

If there is a better way to frame this then let's talk.

Bob

Bob Agresta
Director - Global Program Execution
Global Electrification
E-mail: Bob.Agresta@gm.com
Mobile: 248-330-6295
Office: 248-857-0933
Admin: 248-857-8317 (Marcia Jackson)

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