REDACTED

-----Original Message-----
From: raymond.degiorgi█████████████████████████
Sent: Tuesday, April 25, 2006 2:13 PM
To: Rodriguez, Eduardo P
Subject: RE: Delta Torque/Angle data & GM 3660

Edwardo,
Check your FAX machine. GM 3660 form was signed.

Ray:

Please let me know if you consider that a meeting is necessary to set it
for tomorrow morning.
We need your approval on GM3660 to change the Materials system and start
ordering the New PCB to Viasystem (New Supplier).

Really appreciate your time and disposition on this Eng, Change.

Eduardo Rdz.

> -----Original Message-----
> From: Rodriguez, Eduardo P
>
> Sent: Monday, April 24, 2006 11:19 AM
> To: 'raymond.degiorgi█████████
> Cc: Coniff, John B; Gonzalez, Juan C (DMS); Chavez, Jesus; Lin, George J
> Subject: Delta Torque/Angle data & GM 3660
>
>
> Ray:
>
> Attach you will find the Torque/Angle (T/A) information for the timing
corrections on Delta PCB.
> All the full validation of 3xlife durability test was perform in Lab #
C005-177 already provided to you last year.

>

> Information of Lab # 06-143 are with the correction of timings in PCB as requested.
>

>   << File: 06143 OFF-START.pdf >>   << File: 06143 START-OFF1.pdf >>

>

>

> This is the original file done with last year test, you can see Production information vs New PCB without correction in traces Lab # 05-395.
>

>   << File: 05395 data off to start.pdf >>   << File: 05395 data start to off1.pdf >>   << File: 05395 report1.pdf >>

>

> This is the GM 3660, review the information and let me know if you have comments or question to proceed with the approvals and proceed with the Eng. Change. I would like to set a meeting today or tomorrow if you consider it necessary for comments or questions.
>

>   << File: GM 3660 For New PCB & Spring-Plunger.doc >>

>

> Thanks for your time and help on this
> _____
> Eduardo Rodríguez Pequeño
> Present Product Engineer
> Delphi Mechatronic Systems
> ██████████████████████
> ██████████████████████
> ██████████████████████
>

****

****

04/25/2006 14:51 ▮▮▮▮▮▮ ЗБОО   PAGE 01/02

FAX ! ▮▮▮▮▮▮

EDUARDO RODRIGUEZ

GENERAL MOTORS COMMODITY VALIDATION SIGN-OFF

pg. 1 of 2

Buyer's concurrence on the Seller's completion of validation shall not limit, impair, or otherwise modify
Buyer's right to assert any legal or equitable remedy, or relieve Seller of its responsibility to provide conforming goods.

			Suffix/ Release Level* 001
Part Name* GMX 357 Delta Ignition Switch	Part Number* 10392423		
Shown on Drawing No.* 10392423 / 22673857	Engineering Design Record Change Level* N/A	Dated* 27AP04	
Procuring Division* NAO	Application/Program* GMX 357	Purchase Order No.*	
GM Lead Engineer* Ray DeGiorgio	GM Validation Engineer*		

SUPPLIER MANUFACTURING INFORMATION

Supplier Name* Delphi Mechatronic   DUNS Number* 812502961

Street Address* Norte 4, Poniente 7 No. 6 H. Matamoros, Tam, Mexico

REASON FOR SUBMISSION*

[ ] Initial Submission [x] Resubmission due to Engineering Change(s) [ ] Resubmission to correct problems in initial submission

COMMODITY VALIDATION SIGN-OFF REQUIREMENTS*

Specified by Procuring Division in SOR or in separate written request. Page 2 lists more information about the required documentation.

1. The Supplier has submitted the required proof of validation completion as specified in SOR Appendix G, Section 4 (i.e., GP-11 ADV or executive letter certifying that commodity is validated).	Yes [X]	No [ ]	
2. All issues that are the responsibility of the Supplier have been classified as "closed" and the resolution of each issue has been confirmed by successful validation. This includes those issues that were identified during development, design validation, or product validation, whether those issues are tracked by GM or by the Supplier.	Yes [x]	No [ ]	
3. All Corrective Action Plans (CAP) that are the responsibility of the Supplier have been classified as "closed."	Yes [x]	No [ ]	
4. The information in the Supplier's issue tracking system has been updated and is consistent with the final resolution of all supplier issues and CAPs.	Yes [x]	No [ ]	
5. The Supplier has completed its final ADV P&R (GM 1829-2) summarizing ADV execution status.	Yes [X]	No [ ]	
6. Supplier's ADV Plan(s) and all specified ADV activities have been completed, including activities required to resolve issues identified during development and validation.	Yes [x]	No [ ]	
7. Supplier has obtained GM approval of the detailed validation results for those requirements for which GM approval was specified in the "Other Validation Requirements" column of the Final VCRI.	Yes [ ]	No [ ]	Not required [x] by SOR
8. Supplier evaluation reports have been completed for all regulatory requirements for which the Supplier conducted ADV activities to confirm compliance of the commodity.	Yes [ ]	No [ ]	Not required [x] by SOR
9. Supplier evaluation reports have been completed for those non-regulatory requirements or procedures that were identified in SOR Appendix G, in the Final VCRI, or in writing by the program.	Yes [ ]	No [ ]	Not required [x] by SOR
10. The Supplier has submitted the commodity models, etc. required for the Virtual Archive.	Yes [ ]	No [ ]	Not required [x] by SOR
11. Other:	Yes [ ]	No [ ]	
12. Other:	Yes [ ]	No [ ]	

Explanation of "NO" answer or comment here:

Note that the during cycling, 1 amp was applied on the Delta Ignition Sw. This validation was submitted with New PCB correct timings adjusts
as Customer required, also New detent plunger (Catera spring/Plunger) was implemented to increase torque force in the switch.

Supplier Name (please print)* Eduardo Rodriguez   Title* Present Product Eng   Phone No.* ▮▮▮▮▮

Supplier Authorized Signature* ▮▮▮▮▮▮▮   Dated:* 4/24/06

GM DECISION: Rejected (see comments below) [ ]   Re-submit (see comments below) [ ]   Sign-Off Complete [X]

GM Name (please print) Ray DeGiorgio   Phone No. ▮▮▮▮▮

GM Authorized Signature ▮▮▮▮▮▮▮▮▮   Code: CZSA   Dated: APRIL 26, 2006

Comment:

---

*   Asterisk (*) denotes required field/information.

SC-000165

04/25/2006 14:51   5864924540   PAGE 02/02

```
                        ┌─────────────────────┐
                        │  JOB STATUS REPORT  │
                        └─────────────────────┘
                                              TIME  : 04/25/2006 14:47
                                              NAME  :
                                              FAX#  :
                                              TEL#  :
                                              SER.# : BR02J2509564
```

DATE,TIME FAX NO./NAME	04/25 14:47
DURATION	00:00:00
PAGE(S)	00
RESULT	BUSY
MODE	FINE

BUSY: BUSY/NO RESPONSE

FAX : ▮▮▮▮▮▮▮▮

EDWARDO RODRIGUEZ

GENERAL MOTORS COMMODITY VALIDATION SIGN-OFF

pg. 1 of 2

Buyer's concurrence on the Seller's completion of validation shall not limit, impair, or otherwise modify
Buyer's right to assert any legal or equitable remedy, or relieve Seller of its responsibility to provide conforming goods.

Part Name* GMX 357 Delta Ignition Switch   Part Number* 10392423   Suffix/ Release Level* 001
Shown on Drawing No.* 10392423 / 22673857   Engineering Design Record Change Level* N/A   Dated* 27AP04
Procuring Division* NAO   Application/Program* GMX 357   Purchase Order No.* _____
GM Lead Engineer* Ray DeGiorgio   GM Validation Engineer* _____

SUPPLIER MANUFACTURING INFORMATION

Supplier Name* Delphi Mechatronic
Street Address* Norte 4, Ponlente 7 No. 6 H. Matamoros, Tam, Mexico   DUNS Number* 812502961

REASON FOR SUBMISSION*

[ ] Initial Submission   [x] Resubmission due to Engineering Change(s)   [ ] Resubmission to correct problems in initial submission

COMMODITY VALIDATION SIGN-OFF REQUIREMENTS*

Specified by Procuring Division in SOR or in separate written request. Page 2 lists more information about the required documentation.

1. The Supplier has submitted the required proof of validation completion as specified in SOR Appendix G, Section 4 (i.e., GP-11 ADV or executive letter certifying that commodity is validated). — Yes [X] No [ ]
2. All issues that are the responsibility of the Supplier have been classified as "closed" and the resolution of each issue has been confirmed by successful validation. This includes those issues that were identified during development, design validation, or product validation, whether those issues are tracked by GM or by the Supplier. — Yes [x] No [ ]
3. All Corrective Action Plans (CAP) that are the responsibility of the Supplier have been classified as "closed." — Yes [x] No [ ]
4. The information in the Supplier's issue tracking system has been updated and is consistent with the final resolution of all supplier issues and CAPs. — Yes [x] No [ ]
5. The Supplier has completed its final ADV P&R (GM 1829-2) summarizing ADV execution status. — Yes [x] No [ ]
6. Supplier's ADV Plan(s) and all specified ADV activities have been completed, including activities required to resolve issues identified during development and validation. — Yes [x] No [ ]
7. Supplier has obtained GM approval of the detailed validation results for those requirements for which GM approval was specified in the "Other Validation Requirements" column of the Final VCRI. — Yes [ ] No [ ] Not required by SOR [x]
8. Supplier evaluation reports have been completed for all regulatory requirements for which the Supplier conducted ADV activities to confirm compliance of the commodity. — Yes [ ] No [ ] Not required by SOR [x]
9. Supplier evaluation reports have been completed for those non-regulatory requirements or procedures that were identified in SOR Appendix G, in the Final VCRI, or in writing by the program. — Yes [ ] No [ ] Not required by SOR [x]
10. The Supplier has submitted the commodity models, etc. required for the Virtual Archive. — Yes [ ] No [ ] Not required by SOR [x]
11. Other: _____ — Yes [ ] No [ ]
12. Other: _____ — Yes [ ] No [ ]