



DELPHI MECHATRONIC SYSTEMS

Engineering Change Support Information Cover Page

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Main information about Technical Evaluation:	<p>This information support the implementation on New PCB 12861211 Rev 5 and the New Detent Plunger 741-79378.</p> <p>Durability 3 times life test was perform according GM specification in Lab Test # C005-177.</p> <p>Torque and Angle test was perform in DG with Work Request 06-0871</p> <p>Ray DeGiorgio (GM RDE) agree to implement change without changing GM p/n. He provides his approval with GM3660 to implement both changes.</p> <p>*PCB price is increasing and being in negotiations with Viasystems to get a better price, according Managers and PDT meeting we can not wait to get the correct price because the big fall-out registered in the production line closed to 30%</p>
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Attached Document	Explain how this document supported change
GM3660	Approval from GM to implement change

Date: 5/27/06

DELPHI

DELPHI MECHATRONIC SYSTEMS

GM 3660 approval to implement New PCB and Detent plunger.



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FAX:

EDUARDO RODRIGUEZ
GENERAL MOTORS COMMODITY VALIDATION SIGN-OFF

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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 / 22673957 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*

REASON FOR SUBMISSION*

Initial Submission 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).
- 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.
- 3. All Corrective Action Plans (CAP) that are the responsibility of the Supplier have been classified as "closed."
- 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.
- 5. The Supplier has completed its final ADV P&R (GM 1829-2) summarizing ADV execution status.
- 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.
- 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.
- 8. Supplier evaluation reports have been completed for all regulatory requirements for which the Supplier conducted ADV activities to confirm compliance of the commodity.
- 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.
- 10. The Supplier has submitted the commodity models, etc. required for the Virtual Archive.
- 11. Other:
- 12. Other:

Yes	X	No		
Yes	x	No		
Yes	x	No		
Yes	x	No		
Yes	x	No		
Yes		No	Not required by SOR	x
Yes		No	Not required by SOR	x
Yes		No	Not required by SOR	x
Yes		No	Not required by SOR	x
Yes		No		
Yes		No		

Explanation of "NO" answer or comment here:

Note that 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

GM Name (please print) Ray DeGiorgio Phone No.
GM Authorized Signature Code: C204 Dated: APRIL 21, 2006
Comment:

* Asterisk (*) denotes required field/information.