**Engineering Change Support Information Cover Page**

**File Number:** 57128dat.doc

**Main Information about Technical Evaluation:**

- This information support the implementation on New PCB 12861211 Rev 5 and the New Detent Plunger 741-79378.

- Durability 3 times life test was perform according GM specification in Lab Test # C005-177.

- Torque and Angle test was perform in DG with Work Request 06-0871

- Ray DeGiorgio (GM RDE) agree to implement change without changing GM p/n. He provides his approval with GM3660 to implement both changes.

- *PCB price is increasing and being in negotiations with Viасystеms 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%*

<table>
<thead>
<tr>
<th>Attached Document</th>
<th>Explain how this document supported change</th>
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<tbody>
<tr>
<td>GM3660</td>
<td>Approval from GM to implement change</td>
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**Date:** 5/27/06
GM 3660 approval to implement New PCB and Detent plunger.
GENERAL MOTORS COMMODITY VALIDATION SIGN-OFF

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 367 Delta ignition Switch
Part Number: 10392433

Supplier Manufacturing Information
Supplier Name: Delphi Mechatronic
Street Address: Nofte 4, Poniente 7 No. 8 H, Matamoros, Tam. Mexico

DUNS Number: 162502961

Commodity Validation Sign-Off Requirements

1. The Supplier has submitted the required proof of validation completion as specified in SOR Appendix G, Section 4.2.e., GP-11 ADV or executive letter certifying that commodity is validated.
   - Yes

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

3. All Corrective Action Plans (CAPs) that are the responsibility of the Supplier have been classified as "closed".
   - Yes

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

5. The Supplier has completed its final ADV PARs (GM 1625-2) summarizing ADV execution status.
   - Yes

6. Supplier's ADV PAR(s) and all specified ADV activities have been completed, including activities required to resolve issues identified during development and validation.
   - Yes

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 VCR.
   - Yes

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

9. Supplier evaluation reports have been completed for those non-regulatory requirements or procedures that were identified in SOR Appendix G, in the Final VCR, or in writing by the program.
   - Yes

10. The Supplier has submitted the commodity models, etc. required for the Virtual Archive.
    - Yes

11. Other:
    - Yes

12. Other:
    - Yes

Explanation of "No" answer or comment here:

Note that during cycling, tip was applied on the Delta ignition switch. This validation was submitted with new PCB correct terminologies adjusted at Customer request. Also, new deflec 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.: 424/372-3756

GM Decision:
Rejected (see comments below): Re-submit (see comments below): Sign-Off Complete: X

GM Name (please print): Re De Giglio
GM Authorized Signature: 2409

* Asterisk (*) denotes required field/information.