

Native File Provided  
File Name: 9-06-05 Deep Dive - FINAL PET APPROVAL.xls

**GMX-002/001 Material Deep Dive - Product Engineering  
Next Gen Saturn ION & Chevy Cobalt MCE**

**SMT:** Electrical

Review Date: 9/6/05

**GMX-002    GMX-001  
INV.        INV.**

<b>Current Target</b>	<b>TBD</b>	<b>0</b>	<b>0</b>	<b>TBD</b>	<b>TBD</b>
<b>Current Status</b>	<b>1,251</b>	<b>0</b>	<b>0</b>	<b>1,340</b>	<b>220</b>
<b>Status F / (U) to Target</b>	<b>TBD</b>	<b>0</b>	<b>0</b>	<b>TBD</b>	<b>TBD</b>

█ =Common with: \_\_\_\_\_

T=SMT Transfer  
M=Mainstream  
R=Recommended  
D=Other discussion items

Description of Part/Feature/Item	GMX-002	\$ per Unit Decrease/(Increase)		Appv'd? Yes	Appv'd? Yes	Appv'd? Yes	X-002 Investment Impact (\$000'S) Dec. / (Inc.)	X-001 Investment Impact (\$000'S) Dec. / (Inc.)	Appv'd? Yes	Memo: Optional VLE Designators (such as mass impact, IVER, BEC, etc)	Inter-dependencies/Enablers				
		Appv'd? Yes	Appv'd? No									Appv'd? Yes	Appv'd? No	Appv'd? Yes	Appv'd? No
		No	GMX-001									No	No	Dec. / (Inc.)	Dec. / (Inc.)
<b>Potential Reductions</b>															
Cluster - base (double hit)	0.00	y	0.00	y			400	-	y						
Post 7/27 VCAMS update	7.62	y													
<b>Sub-Total Reductions</b>	<b>7.62</b>		<b>0.00</b>		<b>0.00</b>		<b>400</b>	<b>-</b>							
<b>Potential Increases</b>															
Subwoofer modifications (interferes with Tail LP)	0.00	y	0.00	y			(3)		y						
Body Harness - add 2-bar channel for routing clearance to seat	0.00	y	0.00	y			(95)		y						
OnStar module transceiver - new bracket	0.00	y	0.00	y			(50)		y						
OSRVM - new Opel amber backlighting	0.00	y	0.00	y			(2)		y						
Ignition switch - double detent to prevent accident turn offs	0.00	n	0.00	n			(93)		n						
Frt S/D WDO & RR - tool capacity	0.00	y	0.00	y			(24)		y						
Pwr WDO 4 button w/ lockout - new Opel amber backlighting	0.00	y	0.00	y			(155)		y						
VSES disable switch - new switch cap	0.00	y	0.00	y			(25)		y						
<b>Sub-Total Increases</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>		<b>(447)</b>	<b>-</b>							
<b>Total Change</b>	<b>7.62</b>		<b>0.00</b>		<b>0.00</b>		<b>(47)</b>	<b>-</b>							
<b>NEW "RECOMMENDED" STATUS (Previous Status plus Changes)</b>	<b>1,243.36</b>		<b>0.00</b>		<b>0.00</b>		<b>1,387</b>	<b>220</b>							
<b>Total "approved" reductions</b>	<b>7.62</b>		<b>-</b>		<b>-</b>		<b>400</b>	<b>-</b>							
<b>Total "approved" increases</b>	<b>-</b>		<b>-</b>		<b>-</b>		<b>(354)</b>	<b>-</b>							
<b>Changes Approved</b>	<b>7.62</b>		<b>-</b>		<b>-</b>		<b>46</b>	<b>-</b>							
<b>STATUS AFTER DEEP DIVE</b>	<b>1,243.36</b>		<b>-</b>		<b>-</b>		<b>1,294</b>	<b>220</b>							

Memo: High Potentials (TBD's)