

APPLICATION FOR CERTIFICATION

2027 MODEL YEAR

Durability Group:	VGMXEEVNN002
Test Group:	VGMXV00.0002
Durability Group Description:	Battery Electric Vehicle
Test Group Description:	1-Motor FWD
Applicable Standards:	Federal BIN0 / California ZEV
Carlines Covered:	Chevrolet BOLT
Vehicles Tested:	EJWF17F33488
For Questions, Contact:	T. Wendling (248)459-5961

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(Included in Initial Application)

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TEST VEHICLE DESCRIPTION

Data Vehicle Selection Information

Test Group	VGMXV00.0002
Evaporative	NA – Battery Electric Vehicle
Rated Motor Power	Front Drive Motor: 180 kW
Battery Size	112 Cells
Engine Code	1
J1634 Testing Methodology	Multi-Cycle Test
Speed	65 mph
CSCm Time	175 minutes
Carline Name	Bolt
Transmission Type / Code	A1 (Electric Motor) / 1
Shift Schedule	N/A
Test Weight Class (LVW)	4,000 lbs.
Gross Vehicle Weight Rating	4938 lbs.
Roadload Horsepower	11.7
Final Drive	Front: 11.59
N/V Ratio – rpm/mph	157.8
Tire Size	215/50R/17
Vehicle / EPA Config No. / GM Config No.	EJWF17F33488 / 00 / 000

Note: For complete vehicle information, see vehicle information submitted to EPA in EV-CIS database.

Data Vehicle Selection Justification – This vehicle represents the worst-case configuration for range for this test group.

Certification Summary Information Report

Manufacturer	General Motors LLC	Manufacturer Code	GMX
Test Group	VGMXV00.0002	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	11/18/2025 08:51:02 AM
Model Year	2027		

Test Group Information

CSI Type	Update for Correction	Running Change Reference Number	--
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	No

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
Fuel Cell Indicator	No	EPA Vehicle Class	LDV
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	--	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	VGMXEEVNN002	Durability Group Equivalency Factor	1
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VGMXV00.0002
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	--		
Mfr Test Group Comments	--		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VGMXV00.0002			Evaporative/Refueling Family			--			
Models Covered by this Certificate										
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup			
General Motors LLC	3 - Chevrolet	505 - BOLT	Federal	2-Wheel Drive, Front	Automatic	1	No			
General Motors LLC	3 - Chevrolet	505 - BOLT	California + CAA Section 177 states	2-Wheel Drive, Front	Automatic	1	No			
Engine Description										
Hybrid Type			--	Hybrid Description			--			
Engine Type			--	Mfr Engine Description			--			
Engine Block Arrangement			--	Mfr Engine Block Arrangement Description			--			
Camless Valvetrain Indicator			--	Oil Viscosity/Classification						
Number of Cylinders/Rotors			--	Mechanically Variable Compression Ratio Indicator			--			
After Treatment Device(s) (ATD)										
Mfr After Treatment Device (ATD)										
Comments			--							
Direct Ozone Reduction (DOR) Device			--							
Mfr Emission Control Device Comments			--							
Official Test Numbers										
Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity	--	--	--	--	--	--	--	--	--	--
Official Charge Depleting Test Numbers										
Test Group Fuel		UDDS			Highway					
Electricity		--			--					

Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargable Energy Storage System	Battery(s)	Rechargable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	426	Battery Energy Capacity	181.1
Battery Specific Energy	140.0	Battery Charger Type	Both
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Front Wheels	Driver Controlled Regenerative Braking	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	AC Permanent	Rated Motor/Generator Power	180
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	EJWF17F33488 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	VGMXV00.0002	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	CHEVROLET	Represented Test Vehicle Model	BOLT
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Leak Family Details

Leak Family Identifier	--	Leak Family Name	--
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Electric Motor	Electricity

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	Battery(s)		
Off-board charge Capable Indicator	Yes		
Odometer Correction -- Initial	0	Odometer Correction Factor	1
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	1	Rated Horsepower	241
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--
Charge Air Cooler Type	--	Drive Mode While Testing	All Wheel Drive
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	3799	Equivalent Test Weight (pounds)	4000
GVWR (lbs)	--	N/V Ratio	157.8
Axle Ratio	1		
Transmission Type	Automatic	# of Transmission Gears	1
Transmission Lockup	No	Creeper Gear	No

Dynamometer Coefficients:

Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	28.39	0.3691	0.01647	0.85	0.0877	0.01769	11.7

Emission Control Device Comments

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Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	One Pedal Drive Off		

Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--																		
Test #	VGMX10092665	Test Procedure	77 - Multi-Cycle Test (MCT)																		
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																		
Test Date	11/13/2025	Fuel	Electricity																		
Fuel Batch ID	--	Fuel Calibration Number	--																		
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Assigned																		
Verify Test Lab ID	Compliance and Certification																				
E10 Evaporative Test Measurement Method	--																				
Test Start Odometer Reading	4244	Odometer Units	M																		
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																		
State of Charge Delta	--																				
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																		
PHEV/EV Charge Depleting Test Information																					
Recharge Event Voltage	238.5	Recharge Event Energy (kiloWatt-hours)	73.4193																		
Charge Depleting Range (Calculated miles)	416.957	Charge Depleting Range (Actual miles)	416.957																		
Charge Depleting Range Highway (Calculated miles)	328.678	Derived 5-Cycle Coefficient Model Year	--																		
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	416.957																		
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																		
Charge Depleting Bag/Phase #1																					
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.478</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.973681</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.145053</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.57224</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.424</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.04252</td> </tr> </tbody> </table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.478	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.973681	Drive Trace Energy Economy Rating	0.145053	Drive Trace Inertia Work Ratio Rating	1.57224	Integrated DC KW-HRS	1.424	Manufacturer Fuel Economy	19.04252		
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Integrated DC KW-HRS	1.424																				
Manufacturer Fuel Economy	19.04252																				
Charge Depleting Bag/Phase #2																					

Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.263</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.56313</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.199676</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.94431</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.1018</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.47939</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.263	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.56313	Drive Trace Energy Economy Rating	0.199676	Drive Trace Inertia Work Ratio Rating	1.94431	Integrated DC KW-HRS	2.1018	Manufacturer Fuel Economy	20.47939		
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Charge Depleting Bag/Phase #3																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.47</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.356302</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.426738</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.383594</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1965</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.0174</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.47	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.356302	Drive Trace Energy Economy Rating	-0.426738	Drive Trace Inertia Work Ratio Rating	0.383594	Integrated DC KW-HRS	1.1965	Manufacturer Fuel Economy	16.0174		
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Drive Trace Inertia Work Ratio Rating	0.383594																				
Integrated DC KW-HRS	1.1965																				
Manufacturer Fuel Economy	16.0174																				
Charge Depleting Bag/Phase #4																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>192.109</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>50.6415</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.36082</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	192.109	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	50.6415	Manufacturer Fuel Economy	26.36082		
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Drive Trace Absolute Speed Change Rating	0																				
Drive Trace Energy Economy Rating	0																				
Drive Trace Inertia Work Ratio Rating	0																				
Integrated DC KW-HRS	50.6415																				
Manufacturer Fuel Economy	26.36082																				
Charge Depleting Bag/Phase #5																					

Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.48</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.845442</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.219211</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.1875</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1661</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.58957</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.48	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.845442	Drive Trace Energy Economy Rating	0.219211	Drive Trace Inertia Work Ratio Rating	1.1875	Integrated DC KW-HRS	1.1661	Manufacturer Fuel Economy	15.58957		
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Manufacturer Fuel Economy	15.58957																				
Charge Depleting Bag/Phase #6																					
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Manufacturer Fuel Economy	19.79942																				
Charge Depleting Bag/Phase #7																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.483</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.881471</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.0121319</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.38112</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1831</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.8105</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.483	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.881471	Drive Trace Energy Economy Rating	0.0121319	Drive Trace Inertia Work Ratio Rating	1.38112	Integrated DC KW-HRS	1.1831	Manufacturer Fuel Economy	15.8105		
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Drive Trace Inertia Work Ratio Rating	1.38112																				
Integrated DC KW-HRS	1.1831																				
Manufacturer Fuel Economy	15.8105																				
Charge Depleting Bag/Phase #8																					

Certification Summary Information Report

Test Group		VGMXV00.0002				Evaporative/Refueling Family				--		
		Test Result/Emission Name				Unrounded Test Result						
		Actual Distance Driven (miles)				24.312						
		Carbon dioxide				0						
		Carbon-Related Exhaust Emissions				0						
		Drive Trace Absolute Speed Change Rating				0						
		Drive Trace Energy Economy Rating				0						
		Drive Trace Inertia Work Ratio Rating				0						
		Integrated DC KW-HRS				6.4474						
		Manufacturer Fuel Economy				26.51941						
		Manufacturer Test Comments		--								
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0.0	--	0	--	--
Fuel Properties												

Certification Summary Information Report

Test Group		VGMXV00.0002			Evaporative/Refueling Family			--			
Consolidated List of Standards											
Exhaust Standards											
Cert Region		Federal			Cert/In-Use Code			Cert			
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 0			
Fuel		Electricity			Test Procedure			Multi-Cycle Test (MCT)			
Useful Life		Emission Name		Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	--	0.0	0.0	
150,000 miles	CREE	--	--	--	--	--	--	--	0.0	0.0	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert			
Vehicle Class		LDV/Passenger Car			Standard Level			California ZEV			
Fuel		Electricity			Test Procedure			Multi-Cycle Test (MCT)			
Useful Life		Emission Name		Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CREE	--	--	--	--	--	--	--	0.0	0.0	

Certification Summary Information Report

Test Group		VGMXV00.0002	Evaporative/Refueling Family	--
Glossary				
Useful Life				
4	4,000 miles	120	120,000 miles	
50	50,000 miles	150	150,000 miles	
100	100,000 miles			
Emission Name				
HC-TOTAL	Total Hydrocarbon	AS-VOLT	Average System Voltage	
CO	Carbon Monoxide	CO2 BAG 1	Bag 1 Carbon Dioxide	
CO2	Carbon dioxide	CO2 BAG 2	Bag 2 Carbon Dioxide	
CREE	Carbon-Related Exhaust Emissions	CO2 BAG 3	Bag 3 Carbon Dioxide	
OPT-CREE	Optional Carbon-Related Exhaust Emissions	CO2 BAG 4	Bag 4 Carbon Dioxide	
NOX	Nitrogen Oxide	NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides	
PM	Particulate Matter	NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides	
PM-COMP	SFTP Composite Particulate Matter	DT-IWRR	Drive Trace Inertia Work Ratio Rating	
HC-NM	Non-methane Hydrocarbon	DT-ASCR	Drive Trace Absolute Speed Change Rating	
OMHCE	Organic material Hydrocarbon Equivalent	DT-EER	Drive Trace Energy Economy Rating	
OMNMHCE	Organic material non-methane HC equivalent	COMB-CREE	Combined Carbon-Related Exhaust Emissions	
NMOG	Non-methane organic gases	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
HCHO	Formaldehyde	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
H3C2HO	Acetaldehyde	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	LEAK-DIA	Effective Leak Diameter (inches)	
CO-COMP	SFTP Composite Carbon Monoxide	LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
ETHANOL	C2H5OH - Ethanol	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
FE BAG 1	Bag 1 Fuel Economy	KW-HRS	Integrated DC KW-HRS	
FE BAG 2	Bag 2 Fuel Economy	CH4 BAG 1	Bag 1 Methane	
FE BAG 3	Bag 3 Fuel Economy	CH4 BAG 2	Bag 2 Methane	
FE BAG 4	Bag 4 Fuel Economy	CH4 BAG 3	Bag 3 Methane	
MFR FE	Manufacturer Fuel Economy	CH4 BAG 4	Bag 4 Methane	
HC	Hydrocarbon for Running Loss and ORVR	CO BAG 1	Bag 1 Carbon Monoxide	
METHANE	CH4 - Methane	CO BAG 2	Bag 2 Carbon Monoxide	
METHANOL	CH3OH - Methanol	CO BAG 3	Bag 3 Carbon Monoxide	
N2O	Nitrous Oxide	CO BAG 4	Bag 4 Carbon Monoxide	
SPITBACK	Spitback Hydrocarbon in grams	NMOG BAG 1	Bag 1 Non-methane organic gases	
AMP-HRS	Integrated Amp-hours	NMOG BAG 2	Bag 2 Non-methane organic gases	
START-SOC	System Start State of Charge Watt-hours	NMOG BAG 3	Bag 3 Non-methane organic gases	
END-SOC	System End State of Charge Watt-hours	NMOG BAG 4	Bag 4 Non-methane organic gases	
ACT-DISTANCE	Actual Distance Driven (miles)			
Certification Region				

Certification Summary Information Report

Test Group		VGMXV00.0002	Evaporative/Refueling Family		--
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		T3B160	Federal Tier 3 Bin 160	
B2	Federal Tier 2 Bin 2		T3B125	Federal Tier 3 Bin 125	
B3	Federal Tier 2 Bin 3		T3B110	Federal Tier 3 Transitional Bin 110	
B4	Federal Tier 2 Bin 4		T3B85	Federal Tier 3 Transitional Bin 85	
B5	Federal Tier 2 Bin 5		T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover	
B6	Federal Tier 2 Bin 6		T3B70	Federal Tier 3 Bin 70	
B7	Federal Tier 2 Bin 7		T3B50	Federal Tier 3 Bin 50	
B8	Federal Tier 2 Bin 8		T3B30	Federal Tier 3 Bin 30	
B9	Federal Tier 2 Bin 9		T3B20	Federal Tier 3 Bin 20	
B10	Federal Tier 2 Bin 10		T3B0	Federal Tier 3 Bin 0	
B11	Federal Tier 2 Bin 11		HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
L2	California LEV-II LEV		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
L2OP	California LEV-II LEV Optional		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
U2	California LEV-II ULEV		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
S2	California LEV-II SULEV		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
ZEV	California ZEV		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
OT	Other		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
T1	Federal Tier 1		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
PZEV	California PZEV		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
L2LEV160	California LEV-II LEV160		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
L2ULEV125	California LEV-II ULEV125		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
L2SULEV30	California LEV-II SULEV30		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2LEV395	California LEV-II LEV395		L4SULEV100	California LEV-IV SULEV100	
L2ULEV340	California LEV-II ULEV340		L4SULEV125	California LEV-IV SULEV125	
L2LEV630	California LEV-II LEV630		L4SULEV15	California LEV-IV SULEV15	
L2ULEV570	California LEV-II ULEV570		L4SULEV150	California LEV-IV SULEV150	
L3LEV160	California LEV-III LEV160		L4SULEV170	California LEV-IV SULEV170	
L3ULEV125	California LEV-III ULEV125		L4SULEV175	California LEV-IV SULEV175	
L3ULEV70	California LEV-III ULEV70		L4SULEV20	California LEV-IV SULEV20	
L3ULEV50	California LEV-III ULEV50		L4SULEV200	California LEV-IV SULEV200	
L3SULEV30	California LEV-III SULEV30		L4SULEV230	California LEV-IV SULEV230	
L3SULEV20	California LEV-III SULEV20		L4SULEV25	California LEV-IV SULEV25	
L3LEV395	California LEV-III LEV395		L4SULEV30	California LEV-IV SULEV30	
L3ULEV340	California LEV-III ULEV340		L4SULEV75	California LEV-IV SULEV75	
L3ULEV250	California LEV-III ULEV250		L4SULEV85	California LEV-IV SULEV85	
L3ULEV200	California LEV-III ULEV200		L4ULEV125	California LEV-IV ULEV125	

Certification Summary Information Report

Test Group		VGMXV00.0002	Evaporative/Refueling Family		--
L3SULEV170	California LEV-III SULEV170		L4ULEV200	California LEV-IV ULEV200	
L3SULEV150	California LEV-III SULEV150		L4ULEV250	California LEV-IV ULEV250	
L3LEV630	California LEV-III LEV630		L4ULEV270	California LEV-IV ULEV270	
L3ULEV570	California LEV-III ULEV570		L4ULEV40	California LEV-IV ULEV40	
L3ULEV400	California LEV-III ULEV400		L4ULEV400	California LEV-IV ULEV400	
L3ULEV270	California LEV-III ULEV270		L4ULEV50	California LEV-IV ULEV50	
L3SULEV230	California LEV-III SULEV230		L4ULEV60	California LEV-IV ULEV60	
L3SULEV200	California LEV-III SULEV200		L4ULEV70	California LEV-IV ULEV70	
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		
F	2-Wheel Drive, Front	A	All Wheel Drive		
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter	ICI	Independent Commercial Importer		
CSI	Certificate Summary Information	ORVR	Onboard Refueling Vapor Recovery		
DF	Deterioration Factor	SIL	Shift Indicator Light		
Evap	Evaporation, Evaporative	Trans	Transmission		

Engine Code Information

Base Engine Code	1
EC Derivatives	
Test Group	VGMXV00.0002
Durability Group	VGMXEEVNN002
Engine RPO	HPB
Disp, liters	0.0
Trans RPO	P9D
Trans Type	A1
Product Code	F
Emission RPO	NF6
Emissions Category	BIN0/ZEV
Vehicle Type	CAR
Regulatory Agencies	F/C
Sales Area	FA/CA
Design Altitude	Both
A/C Equipped	Yes
Driver Select Device	Tour/Sport/Relaxed/OPD: High, On, Off
Police Only	No
Horsepower @ RPM	241
Torque @ RPM	230

Battery Electric Vehicle System Description

Electric Drive Unit

One Permanent Magnet electric motor

Front Drive Motor: 180 kW Peak Power
230 Nm Peak Torque

Battery

Lithium Iron Phosphate battery pack – Active Liquid Cooled 112 Cells in series (48mm x 232mm x 128mm prismatic cells)

1-Hour Battery Nominal Power – 65 kW

Battery Nominal Voltage – 360 V

Battery Energy Capacity – 181.1 Ah

Definition of end of life – For purposes of replacement, a module is no longer considered acceptable whenever any given cell has deviated by an unacceptable magnitude such that it would affect the safety of the vehicle.

Description of a battery disposal plan – Battery is recycled using GM contractor for service and warranty replacements. GM also provides recycling resources at www.recyclemybattery.com

Accessories which draw energy from the batteries – Cabin heater, Air Conditioner, Battery Heater, Accessory Power Module (12V)

Charger:

On-board, liquid cooled, 11 kW (240V), 48 Amp wall service on 240V
Maximum allowable fast charge capability: 500 Amps

Transmission

One automatic single speed drive unit (One front unit)

Regenerative Braking System

During coasting and during brake applies, the electric motors will be used to decelerate the vehicle and provide electricity to the high voltage battery. The amount of charge the high voltage battery will accept will vary during normal operation depending on the battery state of charge and temperature. Brake system will recover energy until the driver requests more braking power than the traction system can deliver.

Additional Information Provided in Owner's Manual Documents

Proper recharging procedure

Description of warning system(s) for malfunctions

Starting and shifting procedures

Vehicle safety with the following subtopics:

Information supplied to the customer for safe operation of the vehicle

Information on safe handling of the battery system

Description of emergency procedures see excerpts from owner and safety manuals at end of application.

TRANSMISSION INFORMATION

Test Group ID	VGMXV00.0002
Transmission Code	1
Transmission RPO	P9D
Transmission Type	A1
Drive Gear Ratios	11.59
Shift Calibrations	Computer Controlled
Multimode Feature - # of Modes	9
Description	Chevrolet Bolt



December 3, 2025

VP011

Mr. D. Cullen
U.S. Environmental Protection Agency
Office of Transportation & Air Quality
Certification & Compliance Division
2000 Traverwood
Ann Arbor, MI 48105

Dear Mr. Cullen:

Subject: Request for Certificate of Conformity - General Motors 2027 Test Group
VGMXV00.0002

General Motors requests that the EPA issue a certificate of conformity for the subject test group. GM requests the EPA review this application promptly to expedite final approval of the certificate of conformity for the subject test group. Attached to this request is the Part 1 Application.

GM requests that the EPA treat the information contained in this Part 1 Application, or information subsequently submitted for inclusion in this application, as confidential business information under 40 C.F.R. Part 2, Subpart B, and 5 U.S.C. § 552. The EPA's General Counsel made a class determination that information contained in applications for certification is entitled to confidential treatment (see Class Determination 1-13). As such, GM requests that the information described in each Table of the Class Determination be accorded confidential treatment in accordance with the time periods specified.

GM attests that the test group complies with all applicable regulations contained in 40 C.F.R. Parts 85 and 86, and the applicable California Amendments of the EPA regulations it has incorporated, and Title 13 of the California Code of Regulations.

Please review this information as soon as possible and call if you should have any questions regarding this request for a certificate of conformity.

Sincerely,

T. Wendling

T. Wendling
Total Certification Engineer
Compliance & Certification

TW/ks
Attachments

general motors

GM Proving Ground / Compliance & Certification / M/C 483-331-500 / 3300 GM Rd. / Milford, MI 48380-3726



December 3, 2025

VP012

Ms. Robin U. Lang, Chief
Emissions Certification and Compliance Division
California Air Resources Board
4001 Iowa Avenue
Riverside, CA 92507

Dear Ms. Lang:

Subject: Request for Executive Order - General Motors 2027 Test Group VGMXV00.0002

General Motors requests that CARB issue an executive order for the subject test group. GM requests that the CARB treat the information contained in this Part 1 Application, or information subsequently submitted for inclusion in this application, as confidential business information pursuant to the California Public Records Act and Sections 91000-91022 of Title 17 of the California Code of Regulations. The information is confidential and sensitive GM business information that constitutes trade secrets and commercial or financial information within the meaning of Section 6254.7 of the California Public Records Act, is entitled to confidential treatment, and will cause substantial competitive harm to GM if released. In the event that CARB does not agree with our position regarding confidential treatment of this information or is considering the public release of this confidential, trade secret, and commercial or financial information, or receives a request for disclosure of the information, we request that you first provide notice to me and we request the opportunity to discuss the material and the need to maintain the confidentiality of this information with you or the CARB General Counsel before any decision is made regarding its release. GM requests that the information be accorded confidential treatment indefinitely.

GM attests that the test group complies with all applicable regulations contained in 40 C.F.R. Parts 85 and 86, and the applicable California Amendments of the EPA regulations that CARB has incorporated and Title 13 of the California Code of Regulations.

GM further recognizes that on June 12, 2025, a Congressional Review Act resolution came into effect disapproving the waiver that EPA had issued to CARB granting it authority to enforce the Advanced Clean Cars II regulation, which would have previously controlled for this executive order. On October 2, 2025, the California Office of Administrative Law approved CARB's emergency amendment intended to temporarily reinstate the agency's Advanced Clean Cars I regulations. GM is submitting this executive order request consistent with the temporary emergency amendment.

The EPA certificate of conformity for this test group will be forwarded to you when it becomes available.

Please review this information as soon as possible and call if you have any questions regarding this request for an executive order.

Sincerely,

T. Wendling




T. Wendling
Total Certification Engineer
Compliance & Certification

general motors

GM Proving Ground / Compliance & Certification / M/C 483-331-500 / 3300 GM Rd. / Milford, MI 48380-3726

Label Samples for Chevy Bolt FWD

VECI / Battery Label – Under hood

F2027EN0NF6WNSBLT <small>Nov 13 2025 12:20:32</small>	1F2	1AG0000025		7UKL01
 <small>F2027EN0NF6WNSBLT</small>	VEHICLE EMISSION CONTROL INFORMATION			 GENERAL MOTORS LLC
Conforms to Regulations: 2027 U.S. EPA class / stds: LDV / BIN0 Group: VGMXV00.0002 California class / stds: PC / ZEV			Fuel: Electric F2027EN0NF6WNSBLT Date: 2508 BMF1 / BDF1	