

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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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								
<table border="1"> <thead> <tr> <th>Fuel</th><th>Basic Fuel Metering System</th><th>Lean Burn Strategy Indicator</th></tr> </thead> <tbody> <tr> <td>Electricity</td><td>--</td><td>No</td></tr> </tbody> </table>				Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator	Electricity	--	No
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			
Rechargeable Energy Storage System	Battery(s)	Rechargeable 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	--		

Certification Summary Information Report

Test Group	VGMXV00.0002			Evaporative/Refueling Family			--
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		
Leak Family Details							
Leak Family Identifier	--			Leak Family Name	--		
Drive Sources and Fuel System Details							
Drive Source and Fuel#		Drive Source		Fuel			
1		Electric Motor		Electricity			
Hybrid Indicator	No						
Multiple Fuel Storage	--			Multiple Fuel Combustion	--		
Fuel Cell Indicator	No			Rechargeable Energy Storage System Indicator	Yes		
Rechargeable Energy Storage System	Battery(s)			Rechargeable Energy Storage System, if 'Other'	--		
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			
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	28.39	0.3691	0.01647	0.85	0.0877	0.01769	11.7
Emission Control Device Comments				--			

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			
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	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--
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
Charge Depleting Bag/Phase #3			
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
Charge Depleting Bag/Phase #4			
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
Charge Depleting Bag/Phase #5			

Certification Summary Information Report

Test Group	VGMXV00.0002	Evaporative/Refueling Family	--
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
Charge Depleting Bag/Phase #6			
Test Result/Emission Name			Unrounded Test Result
Actual Distance Driven (miles)			10.27
Carbon dioxide			0
Carbon-Related Exhaust Emissions			0
Drive Trace Absolute Speed Change Rating			0.276053
Drive Trace Energy Economy Rating			-0.0063349
Drive Trace Inertia Work Ratio Rating			-0.288366
Integrated DC KW-HRS			2.0334
Manufacturer Fuel Economy			19.79942
Charge Depleting Bag/Phase #7			
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
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	--	--
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	--	--
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

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Label Samples for Chevy Bolt FWD

VECI / Battery Label – Under hood

