

# APPLICATION FOR CERTIFICATION

## 2027 MODEL YEAR

Durability Group:	VGMXEEVNN002
Test Group:	VGMXJ00.0017
Test Group Description:	Battery Electric Vehicle
Applicable Standards:	California CAR and TRUCK BIN0/ZEV
Carlines:	Battery Electric Vehicle Chevrolet BLAZER EV AWD Cadillac CELESTIQ Cadillac LYRIQ AWD Cadillac LYRIQ AWD V SERIES Cadillac OPTIQ AWD Cadillac OPTIQ AWD V SERIES Cadillac VISTIQ
Vehicles Tested:	ER3P6TMV5521

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# TEST VEHICLE DESCRIPTION

## Data Vehicle Selection Information

Test Group	VGMXJ00.0017
Rated Motor Power	Front Drive Motor: 155 kW Rear Drive Motor: 220 kW
Battery Size (Module Count)	10
Engine Code	15
J1634 Testing Methodology Speed CSCm Time	Multi-Cycle Test 65 mph 170 minutes
Carline Name	Cadillac OPTIQ AWD V-Series
Transmission Type / Code	A1 (Electric Motor) / 1
Test Weight Class (LVW )	6000 lbs
Gross Vehicle Weight Rating	6724 lbs
Roadload Horsepower	17.1
Final Drive	Front: 9.86 Rear: 10.49
N/V Ratio – rpm/mph	122.6
Tire Size	275/40R21
Vehicle / EPA Config No. / GM Config No.	ER3P6TMV5521 / 00 / 00

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

Test Group		VGMXJ00.0017		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	501 - BLAZER EV AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	585 - VISTIQ	Federal	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	580 - LYRIQ AWD	Federal	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	584 - LYRIQ AWD V SERIES	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	581 - CELESTIQ	Federal	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	583 - OPTIQ AWD	Federal	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	583 - OPTIQ AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
General Motors LLC	3 - Chevrolet	501 - BLAZER EV AWD	Federal	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	585 - VISTIQ	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
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General Motors LLC	2 - Cadillac	584 - LYRIQ AWD V SERIES	Federal	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	587 - OPTIQ AWD V SERIES	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	580 - LYRIQ AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
General Motors LLC	2 - Cadillac	581 - CELESTIQ	California + CAA Section 177 states	All Wheel Drive	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	--						

**Certification Summary Information Report**

<b>Test Group</b>		VGMXJ00.0017				<b>Evaporative/Refueling Family</b>			--		
<b>Official Test Numbers</b>											
<b>Test Group Fuel</b>	<b>FTP</b>	<b>US06</b>	<b>SC03</b>	<b>Cold CO</b>	<b>Highway</b>	<b>EPA City Litmus Value</b>	<b>EPA City Litmus Threshold</b>	<b>EPA Highway Litmus Value</b>	<b>EPA Highway Litmus Threshold</b>	<b>CREE Weighting Factor</b>	
Electricity	--	--	--	--	--	--	--	--	--	--	
<b>Official Charge Depleting Test Numbers</b>											
<b>Test Group Fuel</b>		<b>UDDS</b>				<b>Highway</b>					
Electricity		--				--					
<b>Hybrid Electric Vehicle And Fuel Cell Information</b>											
<b>Rechargeable Energy Storage System</b>	Battery(s)				<b>Rechargeable Energy Storage System, if Other</b>			--			
<b>Battery Type</b>	Lithium Ion				<b>Number of Battery Packs</b>			2			
<b>Total Voltage of Battery Packs</b>	336				<b>Battery Energy Capacity</b>			290.0			
<b>Battery Specific Energy</b>	155.0				<b>Battery Charger Type</b>			Both			
<b>Number of Capacitors</b>	--				<b>Capacitor Rating (In Farads)</b>			--			
<b>Mfr Capacitor Comments</b>	--										
<b>Hydraulic System Description</b>	--										
<b>Regenerative Braking Type</b>	Electrical Regen Brake				<b>Driver Controlled Regenerative Braking</b>			Yes			
<b>Regenerative Braking Source</b>	Both										
<b>Mfr Regenerative Braking Description</b>	--										
<b>Drive Motor(s)/Generator(s)</b>	6										
<b>Motor/Generator Type 1</b>	AC PERMENENT MAGNET				<b>Rated Motor/Generator Power</b>			205			
<b>Motor/Generator Type 2</b>	AC PERMENENT MAGNET				<b>Rated Motor/Generator Power</b>			220			
<b>Motor/Generator Type 3</b>	AC PERMENENT MAGNET				<b>Rated Motor/Generator Power</b>			155			
<b>Motor/Generator Type 4</b>	AC PERMENENT MAGNET				<b>Rated Motor/Generator Power</b>			140			
<b>Motor/Generator Type 5</b>	AC PERMENENT MAGNET				<b>Rated Motor/Generator Power</b>			180			
<b>Motor/Generator Type 6</b>	AC PERMENENT MAGNET				<b>Rated Motor/Generator Power</b>			260			
<b>Mfr Fuel Cell Description</b>	--										
<b>Fuel Cell On-Board H2 Storage Capacity (kg)</b>	--				<b>Usable H2 Fill Capacity (kg)</b>			--			
<b>Mfr Hybrid Electric/ Electric Vehicle Comments</b>	--										

## Certification Summary Information Report

<b>Test Group</b>	VGMXJ00.0017	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ER3P6TMV5521 / 0	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TGMXJ00.0017	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	CADILLAC	<b>Represented Test Vehicle Model</b>	OPTIQ AWD V SERIES						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
<b>Hybrid Indicator</b>	No								
<b>Multiple Fuel Storage</b>	--	<b>Multiple Fuel Combustion</b>	--						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Rechargeable Energy Storage System</b>	Battery(s)	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Off-board charge Capable Indicator</b>	Yes								
<b>Odometer Correction -- Initial</b>	0	<b>Odometer Correction Factor</b>	1						
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	15	<b>Rated Horsepower</b>	519						
<b>Displacement (liters)</b>	0.001								
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Method, if 'Other'</b>							
<b>Number of Air Aspiration Devices</b>	--	<b>Air Aspiration Device Configuration</b>	--						
<b>Charge Air Cooler Type</b>	--	<b>Drive Mode While Testing</b>	4-Wheel Drive						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Curb Weight (lbs)</b>	5485	<b>Equivalent Test Weight (pounds)</b>	6000						
<b>GVWR (lbs)</b>	6724	<b>N/V Ratio</b>	122.6						
<b>Axle Ratio</b>	1								
<b>Transmission Type</b>	Automatic	<b># of Transmission Gears</b>	1						
<b>Transmission Lockup</b>	No	<b>Creeper Gear</b>	No						
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>	<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>		
<b>City/Highway/Evap</b>	50.34	0.4543	0.02194	-1.86	-0.0103	0.0238	17.1		
<b>Emission Control Device Comments</b>				--					

### Certification Summary Information Report

<b>Test Group</b>	VGMXJ00.0017	<b>Evaporative/Refueling Family</b>	--
<b>Manufacturer Test Vehicle Comments</b>	26MY OPTIQ CDV Config		

## Certification Summary Information Report

<b>Test Group</b>	VGMXJ00.0017	<b>Evaporative/Refueling Family</b>	--
<b>Test #</b>	<b>TGMX10091932</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	08/16/2025	<b>Fuel</b>	Electricity
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	<b>DF Type</b>	Mfr. Assigned
<b>Verify Test Lab ID</b>	Compliance and Certification		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	3281	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	--		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes

**PHEV/EV Charge Depleting Test Information**

<b>Recharge Event Voltage</b>	237.2	<b>Recharge Event Energy (kiloWatt-hours)</b>	100.8699
<b>Charge Depleting Range (Calculated miles)</b>	361.54	<b>Charge Depleting Range (Actual miles)</b>	361.54
<b>Charge Depleting Range Highway (Calculated miles)</b>	300.048	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	361.54
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--

**Charge Depleting Bag/Phase #1**

<b>Test Result/Emission Name</b>	<b>Unrounded Test Result</b>
Actual Distance Driven (miles)	7.486
Carbon dioxide	0
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.3254
Drive Trace Energy Economy Rating	-0.813716
Drive Trace Inertia Work Ratio Rating	-0.75356
Integrated DC KW-HRS	2.2885
Manufacturer Fuel Economy	30.5704

**Charge Depleting Bag/Phase #2**

## Certification Summary Information Report

Test Group	VGMXJ00.0017	Evaporative/Refueling Family	--																		
<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>10.278</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>-0.178758</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.261996</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.0129624</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>3.0853</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>30.01849</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.278	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.178758	Drive Trace Energy Economy Rating	0.261996	Drive Trace Inertia Work Ratio Rating	0.0129624	Integrated DC KW-HRS	3.0853	Manufacturer Fuel Economy	30.01849
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<b>Charge Depleting Bag/Phase #3</b>																					
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Integrated DC KW-HRS	1.8657																				
Manufacturer Fuel Economy	24.87268																				
<b>Charge Depleting Bag/Phase #4</b>																					
<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>186.506</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>70.2989</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>37.69257</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	186.506	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	70.2989	Manufacturer Fuel Economy	37.69257
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<b>Charge Depleting Bag/Phase #5</b>																					

## Certification Summary Information Report

Test Group	VGMXJ00.0017	Evaporative/Refueling Family	--																		
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<b>Charge Depleting Bag/Phase #6</b>																					
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<b>Charge Depleting Bag/Phase #7</b>																					
<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>7.46</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>1.73579</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.0291389</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.51056</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.8006</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.13673</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.46	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.73579	Drive Trace Energy Economy Rating	-0.0291389	Drive Trace Inertia Work Ratio Rating	2.51056	Integrated DC KW-HRS	1.8006	Manufacturer Fuel Economy	24.13673
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<b>Charge Depleting Bag/Phase #8</b>																					



### Certification Summary Information Report

<b>Test Group</b>	VGMXJ00.0017	<b>Evaporative/Refueling Family</b>	--						
<b>Consolidated List of Standards</b>									
<b>Exhaust Standards</b>									
<b>Cert Region</b>	Federal	<b>Cert/In-Use Code</b>	Cert						
<b>Vehicle Class</b>	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	<b>Standard Level</b>	Federal Tier 3 Bin 0						
<b>Fuel</b>	Electricity	<b>Test Procedure</b>	CVS 75 and later (w/o can. load)						
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>
150,000 miles	CO	--	--	--	--	--	--	0.0	0.0
<b>Cert Region</b>				Federal	<b>Cert/In-Use Code</b>	Cert			
<b>Vehicle Class</b>				LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	<b>Standard Level</b>	Federal Tier 3 Bin 0			
<b>Fuel</b>				Electricity	<b>Test Procedure</b>	Multi-Cycle Test (MCT)			
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>
150,000 miles	CO	--	--	--	--	--	--	0.0	0.0
150,000 miles	CREE	--	--	--	--	--	--	0.0	0.0
<b>Cert Region</b>				California + CAA Section 177 states	<b>Cert/In-Use Code</b>	Cert			
<b>Vehicle Class</b>				LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	<b>Standard Level</b>	California ZEV			
<b>Fuel</b>				Electricity	<b>Test Procedure</b>	Multi-Cycle Test (MCT)			
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>
150,000 miles	CREE	--	--	--	--	--	--	0.0	0.0

## Certification Summary Information Report

Test Group	VGMXJ00.0017	Evaporative/Refueling Family	--
<b>Glossary</b>			
<b>Useful Life</b>			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
<b>Emission Name</b>			
HC-TOTAL	Total Hydrocarbon	COMB-CREE	Combined Carbon-Related Exhaust Emissions
CO	Carbon Monoxide	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
CO2	Carbon dioxide	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
CREE	Carbon-Related Exhaust Emissions	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
OPT-CREE	Optional Carbon-Related Exhaust Emissions	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
NOX	Nitrogen Oxide	LEAK-DIA	Effective Leak Diameter (inches)
PM	Particulate Matter	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
PM-COMP	SFTP Composite Particulate Matter	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
HC-NM	Non-methane Hydrocarbon	KW-HRS	Integrated DC KW-HRS
OMHCE	Organic material Hydrocarbon Equivalent	CH4 BAG 1	Bag 1 Methane
OMNMHCE	Organic material non-methane HC equivalent	CH4 BAG 2	Bag 2 Methane
NMOG	Non-methane organic gases	CH4 BAG 3	Bag 3 Methane
HCHO	Formaldehyde	CH4 BAG 4	Bag 4 Methane
H3C2HO	Acetaldehyde	CO BAG 1	Bag 1 Carbon Monoxide
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	CO BAG 2	Bag 2 Carbon Monoxide
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	CO BAG 3	Bag 3 Carbon Monoxide
CO-COMP	SFTP Composite Carbon Monoxide	CO BAG 4	Bag 4 Carbon Monoxide
ETHANOL	C2H5OH - Ethanol	NMOG BAG 1	Bag 1 Non-methane organic gases
FE BAG 1	Bag 1 Fuel Economy	NMOG BAG 2	Bag 2 Non-methane organic gases
FE BAG 2	Bag 2 Fuel Economy	NMOG BAG 3	Bag 3 Non-methane organic gases
FE BAG 3	Bag 3 Fuel Economy	NMOG BAG 4	Bag 4 Non-methane organic gases
FE BAG 4	Bag 4 Fuel Economy	ACT-DISTANCE BAG 1	Bag 1 Actual Distance
MFR FE	Manufacturer Fuel Economy	ACT-DISTANCE BAG 2	Bag 2 Actual Distance
HC	Hydrocarbon for Running Loss and ORVR	ACT-DISTANCE BAG 3	Bag 3 Actual Distance
METHANE	CH4 - Methane	ACT-DISTANCE BAG 4	Bag 4 Actual Distance
METHANOL	CH3OH - Methanol	HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon
N2O	Nitrous Oxide	HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon
SPITBACK	Spitback Hydrocarbon in grams	HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon
AMP-HRS	Integrated Amp-hours	HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon
START-SOC	System Start State of Charge Watt-hours	WATT-HRS BAG 1	Bag 1 Watt Hours
END-SOC	System End State of Charge Watt-hours	WATT-HRS BAG 2	Bag 2 Watt Hours

## Certification Summary Information Report

Test Group		VGMXJ00.0017	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
<b>Certification Region</b>					
CA	California + CAA Section 177 states		FA	Federal	
<b>Exhaust Emission Standard Level</b>					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

## Certification Summary Information Report

Test Group	VGMXJ00.0017	Evaporative/Refueling Family	--
L2ULEV340	California LEV-II ULEV340	L4SULEV85	California LEV-IV SULEV85
L2LEV630	California LEV-II LEV630	L4ULEV125	California LEV-IV ULEV125
L2ULEV570	California LEV-II ULEV570	L4ULEV200	California LEV-IV ULEV200
L3LEV160	California LEV-III LEV160	L4ULEV250	California LEV-IV ULEV250
L3ULEV125	California LEV-III ULEV125	L4ULEV270	California LEV-IV ULEV270
L3ULEV70	California LEV-III ULEV70	L4ULEV40	California LEV-IV ULEV40
L3ULEV50	California LEV-III ULEV50	L4ULEV400	California LEV-IV ULEV400
L3SULEV30	California LEV-III SULEV30	L4ULEV50	California LEV-IV ULEV50
L3SULEV20	California LEV-III SULEV20	L4ULEV60	California LEV-IV ULEV60
L3LEV395	California LEV-III LEV395	L4ULEV70	California LEV-IV ULEV70
L3ULEV340	California LEV-III ULEV340	T4B170	Federal Tier 4 MDV Bin 170
L3ULEV250	California LEV-III ULEV250	T4B150	Federal Tier 4 MDV Bin 150
L3ULEV200	California LEV-III ULEV200	T4B125	Federal Tier 4 MDV Bin 125
L3SULEV170	California LEV-III SULEV170	T4B100	Federal Tier 4 MDV Bin 100
L3SULEV150	California LEV-III SULEV150	T4B85	Federal Tier 4 MDV Bin 85
L3LEV630	California LEV-III LEV630	T4B75	Federal Tier 4 MDV Bin 75
L3ULEV570	California LEV-III ULEV570	T4B70	Federal Tier 4 Bin 70
L3ULEV400	California LEV-III ULEV400	T4B65	Federal Tier 4 Bin 65
L3ULEV270	California LEV-III ULEV270	T4B60	Federal Tier 4 Bin 60
L3SULEV230	California LEV-III SULEV230	T4B55	Federal Tier 4 Bin 55
L3SULEV200	California LEV-III SULEV200	T4B50	Federal Tier 4 Bin 50
T3B160	Federal Tier 3 Bin 160	T4B45	Federal Tier 4 Bin 45
T3B125	Federal Tier 3 Bin 125	T4B40	Federal Tier 4 Bin 40
T3B110	Federal Tier 3 Transitional Bin 110	T4B35	Federal Tier 4 Bin 35
T3B85	Federal Tier 3 Transitional Bin 85	T4B30	Federal Tier 4 Bin 30
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover	T4B25	Federal Tier 4 Bin 25
T3B70	Federal Tier 3 Bin 70	T4B20	Federal Tier 4 Bin 20
T3B50	Federal Tier 3 Bin 50	T4B15	Federal Tier 4 Bin 15
T3B30	Federal Tier 3 Bin 30	T4B10	Federal Tier 4 Bin 10
T3B20	Federal Tier 3 Bin 20	T4B5	Federal Tier 4 Bin 5
T3B0	Federal Tier 3 Bin 0	T4B0	Federal Tier 4 Bin 0
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395		
<b>Transmission Type Code</b>			
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)
<b>Drive System Code</b>			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive

**Certification Summary Information Report**

<b>Test Group</b>	VGMXJ00.0017	<b>Evaporative/Refueling Family</b>		--
F	2-Wheel Drive, Front	A	All Wheel Drive	
R	2-Wheel Drive, Rear			
<b>Additional Terms and Acronyms</b>				
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	2	3
<b>EC Derivatives</b>			
<b>Test Group</b>	VGMXJ00.0017	VGMXJ00.0017	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002	VGMXEEVNN002	VGMXEEVNN002
<b>Engine RPO</b>	X0E	X0E	X0E
<b>Disp, liters</b>	0.0	0.0	0.0
<b>Trans RPO</b>	P9C	P9C	P9C
<b>Trans Type</b>	A1	A1	A1
<b>Product Code</b>	--	--	--
<b>Emission RPO</b>	NF6	NF6	NF6
<b>Emissions Category</b>	ZEV	ZEV	ZEV
<b>Vehicle Type</b>	CAR	CAR	CAR
<b>Regulatory Agencies</b>	C	C	C
<b>Sales Area</b>	FA/CA	FA/CA	FA/CA
<b>Design Altitude</b>	Both	Both	Both
<b>A/C Equipped</b>	Yes	Yes	Yes
<b>Driver Select Device</b>	OPD: On/Off/High, Sport, Sport +, Velocity, Relaxed, Snow	OPD: On/Off/High, Sport, Sport +, Velocity, Relaxed, Snow	OPD: On/Off/High, Sport, Sport +, Velocity, Relaxed, Snow
<b>Police Only</b>	No	No	No
<b>Horsepower @ RPM</b>	615	615	615
<b>Torque @ RPM</b>	NA	NA	NA
<b>Emission Ctrl Sys</b>	N/A	N/A	N/A
<b>TapUp/TapDown</b>	No	No	No
<b>Active Fuel Management</b>	Non AFM	Non AFM	Non AFM
<b>Description</b>	LYRIQ V 19.2 kW Charger	LYRIQ V 11.5 kW Charger	LYRIQ V 22 kW Charger

## Engine Code Information

	4	5	7
<b>Base Engine Code</b>			
<b>EC Derivatives</b>			
<b>Test Group</b>	VGMXJ00.0017	VGMXJ00.0017	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002	VGMXEEVNN002	VGMXEEVNN002
<b>Engine RPO</b>	X0E	X0E	X0E
<b>Disp, liters</b>	0.0	0.0	0.0
<b>Trans RPO</b>	P9C	P9C	P9C
<b>Trans Type</b>	A1	A1	A1
<b>Product Code</b>	--	--	--
<b>Emission RPO</b>	NF6	NF6	NF6
<b>Emissions Category</b>	ZEV	ZEV	ZEV
<b>Vehicle Type</b>	TRUCK	TRUCK	CAR
<b>Regulatory Agencies</b>	C	C	C
<b>Sales Area</b>	FA/CA	FA/CA	FA/CA
<b>Design Altitude</b>	Both	Both	Both
<b>A/C Equipped</b>	Yes	Yes	Yes
<b>Driver Select Device</b>	OPD: On/Off/High, Sport, Velocity, Relaxed, Snow	OPD: On/Off/High, Sport, Velocity, Relaxed, Snow	My Mode, Tour, Velocity, Snow/Ice, OPD: High, Low, Off
<b>Police Only</b>	No	No	No
<b>Horsepower @ RPM</b>	615	615	515
<b>Torque @ RPM</b>	NA	NA	NA
<b>Emission Ctrl Sys</b>	N/A	N/A	N/A
<b>TapUp/TapDown</b>	No	No	No
<b>Active Fuel Management</b>	Non AFM	Non AFM	Non AFM
<b>Description</b>	VISTIQ 19.2 kW Charger	VISTIQ 11.5 kW Charger	Blazer Police Pursuit 19.2 kW Charger

## Engine Code Information

Base Engine Code	8	9	10
<b>EC Derivatives</b>			
<b>Test Group</b>	VGMXJ00.0017	VGMXJ00.0017	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002	VGMXEEVNN002	VGMXEEVNN002
<b>Engine RPO</b>	X0E	X0E	X0E
<b>Disp, liters</b>	0.0	0.0	0.0
<b>Trans RPO</b>	P9C	P9C	P9C
<b>Trans Type</b>	A1	A1	A1
<b>Product Code</b>	--	--	--
<b>Emission RPO</b>	NF6	NF6	NF6
<b>Emissions Category</b>	ZEV	ZEV	ZEV
<b>Vehicle Type</b>	CAR	TRUCK	TRUCK
<b>Regulatory Agencies</b>	C	C	C
<b>Sales Area</b>	FA/CA	FA/CA	FA/CA
<b>Design Altitude</b>	Both	Both	Both
<b>A/C Equipped</b>	Yes	Yes	Yes
<b>Driver Select Device</b>	My Mode, Tour, Velocity, Snow/Ice, OPD: High, Low, Off, WOW	OPD: On/Off/High, Sport, Relaxed, Snow	OPD: On/Off/High, Sport, Relaxed, Snow
<b>Police Only</b>	No	No	No
<b>Horsepower @ RPM</b>	595	615	615
<b>Torque @ RPM</b>	NA	NA	NA
<b>Emission Ctrl Sys</b>	N/A	N/A	N/A
<b>TapUp/TapDown</b>	No	No	No
<b>Active Fuel Management</b>	Non AFM	Non AFM	Non AFM
<b>Description</b>	Blazer SS 11.5 kW Charger	LYRIQ 19.2 kW charger	LYRIQ 11.5 kW Charger

## Engine Code Information

Base Engine Code	11	12	13
<b>EC Derivatives</b>			
<b>Test Group</b>	VGMXJ00.0017	VGMXJ00.0017	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002	VGMXEEVNN002	VGMXEEVNN002
<b>Engine RPO</b>	X0E	X0E	X0E
<b>Disp, liters</b>	0.0	0.0	0.0
<b>Trans RPO</b>	P9C	P9C	P9C
<b>Trans Type</b>	A1	A1	A1
<b>Product Code</b>	--	--	--
<b>Emission RPO</b>	NF6	NF6	NF6
<b>Emissions Category</b>	ZEV	ZEV	ZEV
<b>Vehicle Type</b>	TRUCK	TRUCK	TRUCK
<b>Regulatory Agencies</b>	C	C	C
<b>Sales Area</b>	FA/CA	FA/CA	FA/CA
<b>Design Altitude</b>	Both	Both	Both
<b>A/C Equipped</b>	Yes	Yes	Yes
<b>Driver Select Device</b>	OPD: On/Off/High, Sport, Relaxed, Snow	My Mode, Tour, Sport, Snow/Ice, OPD: High, Low, Off	My Mode, Tour, Sport, Snow/Ice, OPD: High, Low, Off
<b>Police Only</b>	No	No	No
<b>Horsepower @ RPM</b>	615	440	440
<b>Torque @ RPM</b>	NA	NA	NA
<b>Emission Ctrl Sys</b>	N/A	N/A	N/A
<b>TapUp/TapDown</b>	No	No	No
<b>Active Fuel Management</b>	Non AFM	Non AFM	Non AFM
<b>Description</b>	LYRIQ 22 kW Charger	OPTIQ 11.5 kW Charger	OPTIQ 19.2 kW Charger

## Engine Code Information

	14	15
<b>Base Engine Code</b>		
<b>EC Derivatives</b>		
<b>Test Group</b>	VGMXJ00.0017	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002	VGMXEEVNN002
<b>Engine RPO</b>	X0E	X0E
<b>Disp, liters</b>	0.0	0.0
<b>Trans RPO</b>	P9C	P9C
<b>Trans Type</b>	A1	A1
<b>Product Code</b>	--	--
<b>Emission RPO</b>	NF6	NF6
<b>Emissions Category</b>	ZEV	ZEV
<b>Vehicle Type</b>	CAR	CAR
<b>Regulatory Agencies</b>	C	C
<b>Sales Area</b>	FA/CA	FA/CA
<b>Design Altitude</b>	Both	Both
<b>A/C Equipped</b>	Yes	Yes
<b>Driver Select Device</b>	My Mode, Tour, Sport, Snow/Ice, OPD: High, Low, Off	My Mode, Tour, Sport, Snow/Ice, OPD: High, Low, Off
<b>Police Only</b>	No	No
<b>Horsepower @ RPM</b>	519	519
<b>Torque @ RPM</b>	NA	NA
<b>Emission Ctrl Sys</b>	N/A	N/A
<b>TapUp/TapDown</b>	No	No
<b>Active Fuel Management</b>	Non AFM	Non AFM
<b>Description</b>	OPTIQ V-Series 11.5 kW Charger	OPTIQ V-Series 19.2 kW Charger

## Engine Code Information

<b>Base Engine Code</b>	16	17
<b>EC Derivatives</b>		
<b>Test Group</b>	VGMXJ00.0017	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002	VGMXEEVNN002
<b>Engine RPO</b>	X0E	X0E
<b>Disp, liters</b>	0.0	0.0
<b>Trans RPO</b>	P9C	P9C
<b>Trans Type</b>	A1	A1
<b>Product Code</b>	--	--
<b>Emission RPO</b>	NF6	NF6
<b>Emissions Category</b>	ZEV	ZEV
<b>Vehicle Type</b>	TRUCK	CAR
<b>Regulatory Agencies</b>	C	C
<b>Sales Area</b>	FA/CA	FA/CA
<b>Design Altitude</b>	Both	Both
<b>A/C Equipped</b>	Yes	Yes
<b>Driver Select Device</b>	My Mode, Tour, Sport, Snow/Ice, OPD: High, Low, Off	My Mode, Tour, Sport, Snow/Ice, OPD: High, Low, Off
<b>Police Only</b>	No	No
<b>Horsepower @ RPM</b>	440	440
<b>Torque @ RPM</b>	NA	NA
<b>Emission Ctrl Sys</b>	N/A	N/A
<b>TapUp/TapDown</b>	No	No
<b>Active Fuel Management</b>	Non AFM	Non AFM
<b>Description</b>	OPTIQ 22 kW Charger	OPTIQ V-Series 22 kW Charger

## Engine Code Information

<b>Base Engine Code</b>	18
<b>EC Derivatives</b>	
<b>Test Group</b>	VGMXJ00.0017
<b>Durability Group</b>	VGMXEEVNN002
<b>Engine RPO</b>	X0E
<b>Disp, liters</b>	0.0
<b>Trans RPO</b>	P9C
<b>Trans Type</b>	A1
<b>Product Code</b>	--
<b>Emission RPO</b>	NF6
<b>Emissions Category</b>	ZEV
<b>Vehicle Type</b>	CAR
<b>Regulatory Agencies</b>	C
<b>Sales Area</b>	FA/CA
<b>Design Altitude</b>	ALL
<b>A/C Equipped</b>	Yes
<b>Driver Select Device</b>	Relaxed, Tour, Sport, Snow, Max Power, OPD: High, Low, Off
<b>Police Only</b>	No
<b>Horsepower @ RPM</b>	655
<b>Torque @ RPM</b>	646
<b>Emission Ctrl Sys</b>	N/A
<b>TapUp/TapDown</b>	No
<b>Active Fuel Management</b>	Non AFM
<b>Description</b>	CELESTIQ 19.2 kW Charger

# **Battery Electric Vehicle System Description**

## **Electric Drive Unit**

LYRIQ, LYRIQ V, VISTIQ, Blazer

Two AC Permanent Magnet electric motors  
Front Drive Motor: 155 kW Peak Power  
305 Nm Peak Torque  
Rear Drive Motor: 220 kW Peak Power  
405 Nm Peak Torque

CELESTIQ

Two AC Permanent Magnet electric motors  
Front Drive Motor: 180 kW Peak Power  
300 Nm Peak Torque  
Rear Drive Motor: 260 kW Peak Power  
315 Nm Peak Torque

OPTIQ and OPTIQ V

Two AC Permanent Magnet electric motors  
Front Drive Motor: 140 kW Peak Power  
300 Nm Peak Torque  
Rear Drive Motor: 205 kW Peak Power  
415 Nm Peak Torque

## **Battery**

Lithium-Ion battery pack  
10-Mod ER3 290 Ah

Lithium-Ion battery pack  
16-Mod EHT 290 Ah

Lithium-Ion battery pack  
12-Mod EC6 290 Ah

Lithium Ion battery pack – Active Liquid Cooled 240 Cells in series

ER3: 172.73mm x 1541.89mm x 1998.36mm battery pack

EC6: 172.04mm x 1541.89mm x 2307.18mm battery pack

EHT: 293.50mm x 1596.11mm x 2466.20mm battery pack

Battery Nominal Power C/3 ER3 and EC6 – 101.8 (A)

Battery Nominal Power C/3 EHT – 101.2 (A)

Battery Nominal Voltage – 290 V

Battery Energy Capacity – 290 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](http://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

On-board, liquid cooled, 19 kW (240V), 80 Amp wall service on 240V

On-board, liquid cooled, 22 kW (240V), 80 Amp wall service on 240V

Maximum allowable fast charge capability: 500 Amps

## **Transmission**

2 automatic single speed drive units (1 front and 1 rear)

# TRANSMISSION INFORMATION

Test Group ID	VGMXJ00.0017	VGMXJ00.0017	VGMXJ00.0017	VGMXJ00.0017
Transmission Code	1	2	3	4
Transmission RPO	P9C	P9C	P9C	P9C
Transmission Type	A1	A1	A1	A1
Drive Gear Ratios	10.49	10.49	10.49	10.49
Chain Drive Ratio	NA	NA	NA	NA
Shift Calibrations	Computer Controlled	Computer Controlled	Computer Controlled	Computer Controlled
Torque Converter Diameter	NA	NA	NA	NA
Torque Converter Stall Torque Ratio	NA	NA	NA	NA
Torque Converter Lockup RPM'S	Computer Controlled	Computer Controlled	Computer Controlled	Computer Controlled
Torque Converter Stall Torque Speed	NA	NA	NA	NA
Multimode Feature - # of Modes	15	18	6	12
Shift Indicator Light	--	--	NO	NO
Description	VISTIQ/OPTIQ V/CELESTIQ/Blazer SS	LYRIQ V	Blazer PPV	OPTIQ/LYRIQ
TapUp/TapDown	NO	NO	NO	NO

# **SPECIAL TEST INSTRUCTIONS**

## **DRIVER SELECTABLE MODES**

Some vehicles are equipped with additional driver selectable modes. These vehicles are equipped with either additional gear shifter positions or a mode selection switch to engage each mode. Please refer to the Owner's Manual for specific instructions on how to engage each mode.

## **OTHER**

### **Drive Trace Tolerances:**

The driver must attempt to follow the target schedule as closely as possible. Instantaneous speeds must stay within the following tolerances. The upper limit is 2.0 mph higher than the highest point on the trace within 1.0 s of the given point in time. The lower limit is 2.0 mph lower than the lowest point on the trace within 1.0 s of the given time.

### **Test Vehicle Cooling Requirements:**

For Battery Electric Vehicles:

All testing for this test group must use a road speed fan on all regulated test cycles, as allowed by the regulations. Fan height (from floor to bottom edge of fan) is 12". The fan distance from the vehicle is 12".



March 5, 2026

VP018

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  
VGMXJ00.0017

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,

*C. A. Jeffrey*

C. A. Jeffrey  
Total Certification Engineer  
Compliance & Certification

CAJ/ks

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**general motors**

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



March 5, 2026

VP019

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 VGMXJ00.0017

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,

*C. A. Jeffrey*

C. A. Jeffrey  
Total Certification Engineer  
Compliance & Certification




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general motors

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




# Label Sample for OPTIQ, LYRIQ, VISTIQ and Blazer

VECI / Battery Label – Underhood

<b>M2027EN0FE9X0EOPT</b> Jan 28 2026 16:33:02	1Z2	<b>1GA1249303</b>		<b>CTHCHD</b>
 E9X0EOPT	<b>VEHICLE EMISSION CONTROL INFORMATION</b>			<b>GENERAL MOTORS LLC</b>
Conforms to Regulations: 2027 U.S. EPA class / stds: LDT / BIN0 Group: VGMXJ00.0017 California class / stds: LDT / ZEV		Fuel: Electric M2027EN0FE9X0EOPT Date: 2601		

# Label Sample for CELESTIQ

VECI / Battery Label – Underhood

<b>G2027EN0FE9X0EWNS</b> Jan 28 2026 09:38:01	1Z2	<b>1GA1002435A</b>		<b>3SMCB1</b>
 E9X0EWNS	<b>VEHICLE EMISSION CONTROL INFORMATION</b>			<b>GENERAL MOTORS LLC</b>
Conforms to Regulations: 2027 U.S. EPA class / stds: LDV / BIN0 Group: VGMXJ00.0017 California class / stds: PC / ZEV		Fuel: Electric G2027EN0FE9X0EWNS Date: 2601		