

Certification Summary Information Report

Manufacturer	Volkswagen Group of America, Inc.	Manufacturer Code	VGA
Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Certificate Number	VVGAV04.0LAC-018	CARB Executive Order #	--
Certificate Issue Date	06/25/2026	Certificate Revision Date	--
Certificate Effective Date	06/25/2026	Conditional Certificate	No
CSI Revision #	--	CSI Submission/Revision Date	06/12/2026 10:48:32 AM
Model Year	2027		

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA						
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"> <tr> <th>Fuel</th><th>Basic Fuel Metering System</th><th>Lean Burn Strategy Indicator</th></tr> <tr> <td>Electricity</td><td>--</td><td>No</td></tr> </table>	Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator	Electricity	--	No		
Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator							
Electricity	--	No							
Drive Source #2:	Combustion Engine								
	<table border="1"> <tr> <th>Fuel</th><th>Basic Fuel Metering System</th><th>Lean Burn Strategy Indicator</th></tr> <tr> <td>Gasoline</td><td>Spark Ignition Direct fuel injection</td><td>No</td></tr> </table>	Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator	Gasoline	Spark Ignition Direct fuel injection	No		
Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator							
Gasoline	Spark Ignition Direct fuel injection	No							
Hybrid Indicator	Yes								
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	No	California Partial Zero Emissions Vehicle Indicator	--						
Durability Group Name	VVGAGPGNNLAC	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	07/13/2026	CAP2000 Conditional Certificate?	No						
Independent Commercial Importer?	No	Alternative Fuel Converter Certificate?	No						
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No						
SFTP LEV-III Composite Compliance Indicator	Yes								
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VVGAV04.0LAC						
Test Group OBD Compliance Level	Partial - with deficiencies	Number of Test Group OBD Deficiencies	1						
OBD Deficiencies Comments	VVGAV06.5LAB: Non-compliance with OBD on UDS requirements, communicated to CARB January 15th 2025, Ref. E-26-032.								
Mfr Test Group Comments	--								
Mfr Exhaust / Evap Standards Comments	--								

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	New	Submission/Correction Date	06/10/2026 11:48:53 AM				
Integrated ORVR?	No	Fuel(s)	Electricity, Gasoline				
Multiple Fuel Storage	Fuels Stored Separately						
Bladder Fuel Tank?	No						
Fuel Tank Material	Metal	Fuel Tank Material Description	--				
Fill Pipe Seal Type	Liquid seal						
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	--				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	--				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	172	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	--				
Mfr Evaporative/Refueling Family Comments	Carry-Over Testing (MY26) - MCT tests for 2DBL/3DBL/RL						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	No	Applicability of Evaporative Canister Bleed Test	--				
Evaporative Canister Bleed Test Comments	--						
CARB Fuel Only (Rig) Test Indicator	No	Applicability of CARB Fuel Only (Rig) Test	--				
CARB Fuel Only (Rig) Test Comments	--						
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description				
VVGAR0172LDA-001	50 State	0.02	--				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Volkswagen Group of America, Inc.	4 - Lamborghini	477 - Temerario Coupe	California + CAA Section 177 states	All Wheel Drive	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No
Volkswagen Group of America, Inc.	4 - Lamborghini	476 - Temerario	Federal	All Wheel Drive	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No
Volkswagen Group of America, Inc.	4 - Lamborghini	477 - Temerario Coupe	Federal	All Wheel Drive	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No
Volkswagen Group of America, Inc.	4 - Lamborghini	476 - Temerario	California + CAA Section 177 states	All Wheel Drive	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA	
Engine Description				
Hybrid Type	IC Engine/Electric Motor	Hybrid Description	--	
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--	
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description	--	
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	0W40 VW50200 / VW50500	
Number of Cylinders/Rotors	8	Mechanically Variable Compression Ratio Indicator	N	
After Treatment Device(s) (ATD)				
ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Palladium + Rhodium	Metal	Monolith
2	Three-way catalyst	Palladium + Rhodium	Metal	Monolith
Mfr After Treatment Device (ATD) Comments				
Other ATD = 2xGPFs				
Direct Ozone Reduction (DOR) Device				
Not Equipped				
Mfr Emission Control Device Comments				
GPF was not an option to select - equipped with 2-GPFs				
Engine Configuration Number 1				
Engine Displacement (liters)	4.0	Engine Rated Horsepower	788	
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2	
Air Aspiration Method	Turbocharged	Number of Air Aspiration Devices	2	
Air Aspiration Device Configuration	Parallel	Charge Air Cooler Type	Liquid	
Air Aspiration Drive Method(s)	Mechanical			
Cylinder Deactivation	No			
Cylinder Deactivation Description	--			
Variable Valve Timing	Yes			
Variable Valve Timing System Description	ELECTRONICALLY CONTROLLED - HYDRAULICALLY ADJUSTED VARIABLE VALVE TIMING			
Variable Valve Lift?	No			
Variable Valve Lift System Description	--			
Number of Knock Sensors	1	Number of Air/Fuel Sensors	4	
Air/Fuel Sensor # 1 Type	Heated oxygen	Air/Fuel Sensor # 1 Description	--	
Air/Fuel Sensor # 2 Type	Heated oxygen	Air/Fuel Sensor # 2 Description	--	
Air/Fuel Sensor # 3 Type	Heated oxygen	Air/Fuel Sensor # 3 Description	--	
Air/Fuel Sensor # 4 Type	Heated oxygen	Air/Fuel Sensor # 4 Description	--	
Mfr Air/Fuel Sensor Comments	--			
Exhaust Gas Recirculation	No	Cooled Exhaust Gas Recirculation	No	
EGR Type	--	Exhaust Gas Recirculation Description if 'Other'	--	
Closed Loop Air Injection System	No			
Air Injection Type	Not Applicable	Air Injection Type if 'Other'	--	
Mfr Engine Configuration Comments	Applies to DZS var: 0			

Certification Summary Information Report

Test Group		VVGAV04.0LAC		Evaporative/Refueling Family		VVGAR0172LDA				
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
Gasoline	VVGA10094441	VVGA10094415	VVGA10094432	VVGA10094420	VVGA10094408	--	7.1	--	8.5	--
Electricity	VVGA10094441	VVGA10094415	VVGA10094432	VVGA10094420	VVGA10094408	--	--	--	--	--
SFTP LEV-III Official Test Numbers										
Test Group Fuel	FTP	US06	SC03							
Gasoline	VVGA10094441	VVGA10094415	VVGA10094432							
Electricity	VVGA10094441	VVGA10094415	VVGA10094432							
Official Charge Depleting Test Numbers										
Test Group Fuel	UDDS	Highway								
Electricity	VVGA10094471	VVGA10094532								
Gasoline	VVGA10094471	VVGA10094532								
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	355	Battery Energy Capacity	20.4							
Battery Specific Energy	80.3	Battery Charger Type	Off-Board							
Number of Capacitors	--	Capacitor Rating (In Farads)	--							
Mfr Capacitor Comments	--									
Hydraulic System Description	--									
Regenerative Braking Type	Electrical Regen Brake									
Regenerative Braking Source	Both	Driver Controlled Regenerative Braking	No							
Mfr Regenerative Braking Description	--									
Drive Motor(s)/Generator(s)	1									
Motor/Generator Type 1	AC-3 phase	Rated Motor/Generator Power	110							
Mfr Fuel Cell Description	--									
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--							
Mfr Hybrid Electric/ Electric Vehicle Comments	1 battery consisting of 6 modules cylindrical Number of battery cells = 768 3x e-motors @110kW each									

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Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA									
Emission Data Vehicle Information												
Vehicle ID / Configuration	LB634_00124 / 1	Manufacturer Vehicle Configuration Number	1									
Original Test Group Name	VVGAV04.0LAC	Original Evaporative/Refueling Family	VVGAR0172LDA									
Original Test Vehicle Model Year	2027											
Vehicle Model												
Represented Test Vehicle Make	Lamborghini	Represented Test Vehicle Model	Temerario									
Leak Family Details												
Leak Family Identifier	001	Leak Family Name	VVGAR0172LDA-001									
Drive Sources and Fuel System Details												
	<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> <tr> <td>2</td><td>Combustion Engine</td><td>Gasoline</td></tr> </tbody> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity	2	Combustion Engine	Gasoline		
Drive Source and Fuel#	Drive Source	Fuel										
1	Electric Motor	Electricity										
2	Combustion Engine	Gasoline										
Hybrid Indicator	Yes											
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	0.9962									
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor											
Odometer Correction Units	Miles											
Engine Code	DZS	Rated Horsepower	788									
Displacement (liters)	4											
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'										
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel									
Charge Air Cooler Type	Liquid	Drive Mode While Testing	All Wheel Drive									
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)									
Curb Weight (lbs)	4586	Equivalent Test Weight (pounds)	5000									
GVWR (lbs)	5049	N/V Ratio	29.9									
Axle Ratio	2.55											
Transmission Type	Automated Manual- Selectable (e.g. Automated Manual with paddles)	# of Transmission Gears	8									
Transmission Lockup	No	Creep Gear	No									

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family		VVGAR0172LDA	
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	51.08	0.5615	0.02166	6.25	0.1378	0.21951	17.8	
Cold CO	56.18	0.6177	0.02383	-23.61	-0.1122	0.02329	N/A	
US06	51.08	0.5615	0.02166	6.25	0.1378	0.21951	N/A	
Emission Control Device Comments		DFI/2CAC/2TC/2WR-HO2S/2TWC/2HO2S/2GPF						
Manufacturer Test Vehicle Comments		--						

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094420	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	29 - Cold CO E10 Premium Gasoline (Tier 3)
Test Date	02/03/2026	Fuel	Gasoline
Fuel Batch ID	LB0024	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4346	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	10.991	--
CO2 BAG 1 (Bag 1 Carbon Dioxide)	1181.9482608	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.23	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	1125.9736672	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.24	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	729.1755808	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.19	--
METHANE (CH4 - Methane)	0.0051983	--
CO (Carbon Monoxide)	0.4287621	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.7691686	--
DT-EER (Drive Trace Energy Economy Rating)	0.3648149	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.273614	--
MFR FE (Manufacturer Fuel Economy)	8.4	8.4
NOX (Nitrogen Oxide)	0.0130664	--
N2O (Nitrous Oxide)	0.0008494	--
HC-NM (Non-methane Hydrocarbon)	0.0445853	--
NMOG (Non-methane organic gases)	0.0446	--
PM (Particulate Matter)	0.0002924	--
HC-TOTAL (Total Hydrocarbon)	0.0489528	--
WATT-HRS (Watt Hours)	1136.78	--

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family				VVGAR0172LDA			
		Test Result Name		Unrounded Test Result			Verify Calculated CREE/OPT-CREE					
		Carbon-Related Exhaust Emissions		1029			--					
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		1028.3468368			--					
Manufacturer Test Comments		COLD CO E10 \ Test as Temerario EDV ETW: 5000 RLHP: 17.8										
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	50,000 miles	Federal Tier 4 Bin 50	CO	0.43	--	--	--	0.16	--	0.6	10.0	Pass
Fed	120,000 miles	Federal Tier 4 Bin 50	HC-NM	0.04	--	--	--	0.0056	--	0	0.3	Pass
CA	50,000 miles	California LEV-III ULEV50	CO	0.43	--	--	--	0.16	--	0.6	10.0	Pass

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094421	Test Procedure	52 - Fed. fuel 50 F exh.
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	01/29/2026	Fuel	Gasoline
Fuel Batch ID	LB0022	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4287	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	11.035	--
CO2 BAG 1 (Bag 1 Carbon Dioxide)	1271.9976559	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.08	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	1325.4146801	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.73	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	686.6678168	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.26	--
METHANE (CH4 - Methane)	0.0049016	--
CO (Carbon Monoxide)	0.6706902	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.2822962	--
DT-EER (Drive Trace Energy Economy Rating)	0.0522292	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.0989595	--
MFR FE (Manufacturer Fuel Economy)	7.7	7.7
NOX (Nitrogen Oxide)	0.0093873	--
N2O (Nitrous Oxide)	0.0007664	--
HC-NM (Non-methane Hydrocarbon)	0.0168957	--
NMOG (Non-methane organic gases)	0.0169	--
PM (Particulate Matter)	0.0007166	--
HC-TOTAL (Total Hydrocarbon)	0.0206415	--
WATT-HRS (Watt Hours)	1135.96	--

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family					VVGAR0172LDA		
		Test Result Name		Unrounded Test Result			Verify Calculated CREE/OPT-CREE					
		Carbon-Related Exhaust Emissions		1140			--					
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		1139.0735664			--					
Manufacturer Test Comments		50FTP E10 \ Tested as Temerario EDV ETW: 5000 RLHP: 17.8										
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
CA	4,000 miles	California LEV-III ULEV50	CO	0.67	--	--	--	--	--	0.7	1.7	Pass
CA	4,000 miles	California LEV-III ULEV50	NMOG	0.0169	--	1.1	--	--	--	0.017	99.999	Pass
CA	4,000 miles	California LEV-III ULEV50	NMOG+NOX	0.0263	--	--	--	--	--	0.026	0.100	Pass
CA	4,000 miles	California LEV-III ULEV50	NOX	0.0094	--	--	--	--	--	0.009	99.999	Pass

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094441	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	01/28/2026	Fuel	Gasoline
Fuel Batch ID	LB0022	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4257	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																																																					
	<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>ACT-DISTANCE (Actual Distance Driven (miles))</td><td>14.962</td><td>--</td></tr><tr><td>CO2 BAG 1 (Bag 1 Carbon Dioxide)</td><td>1197.9301733</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>0.86</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>1321.5839586</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>0.55</td><td>--</td></tr><tr><td>CO2 BAG 3 (Bag 3 Carbon Dioxide)</td><td>679.4219064</td><td>--</td></tr><tr><td>CO BAG 3 (Bag 3 Carbon Monoxide)</td><td>0.29</td><td>--</td></tr><tr><td>CO2 BAG 4 (Bag 4 Carbon Dioxide)</td><td>909.1293691</td><td>--</td></tr><tr><td>CO BAG 4 (Bag 4 Carbon Monoxide)</td><td>0.19</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.0027916</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.436289</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>0.1714833</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>0.7134762</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>0.8967781</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>8.8</td><td>8.8</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.0078588</td><td>--</td></tr><tr><td>N2O (Nitrous Oxide)</td><td>0.0008975</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.0104768</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.0105</td><td>--</td></tr><tr><td>PM (Particulate Matter)</td><td>0</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.012611</td><td>--</td></tr><tr><td>WATT-HRS (Watt Hours)</td><td>1756.23</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	ACT-DISTANCE (Actual Distance Driven (miles))	14.962	--	CO2 BAG 1 (Bag 1 Carbon Dioxide)	1197.9301733	--	CO BAG 1 (Bag 1 Carbon Monoxide)	0.86	--	CO2 BAG 2 (Bag 2 Carbon Dioxide)	1321.5839586	--	CO BAG 2 (Bag 2 Carbon Monoxide)	0.55	--	CO2 BAG 3 (Bag 3 Carbon Dioxide)	679.4219064	--	CO BAG 3 (Bag 3 Carbon Monoxide)	0.29	--	CO2 BAG 4 (Bag 4 Carbon Dioxide)	909.1293691	--	CO BAG 4 (Bag 4 Carbon Monoxide)	0.19	--	METHANE (CH4 - Methane)	0.0027916	--	CO (Carbon Monoxide)	0.436289	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.1714833	--	DT-EER (Drive Trace Energy Economy Rating)	0.7134762	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.8967781	--	MFR FE (Manufacturer Fuel Economy)	8.8	8.8	NOX (Nitrogen Oxide)	0.0078588	--	N2O (Nitrous Oxide)	0.0008975	--	HC-NM (Non-methane Hydrocarbon)	0.0104768	--	NMOG (Non-methane organic gases)	0.0105	--	PM (Particulate Matter)	0	--	HC-TOTAL (Total Hydrocarbon)	0.012611	--	WATT-HRS (Watt Hours)	1756.23	--		
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																																																					
	ACT-DISTANCE (Actual Distance Driven (miles))	14.962	--																																																																					
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	CO2 BAG 3 (Bag 3 Carbon Dioxide)	679.4219064	--																																																																					
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.29	--																																																																					
	CO2 BAG 4 (Bag 4 Carbon Dioxide)	909.1293691	--																																																																					
	CO BAG 4 (Bag 4 Carbon Monoxide)	0.19	--																																																																					
	METHANE (CH4 - Methane)	0.0027916	--																																																																					
	CO (Carbon Monoxide)	0.436289	--																																																																					
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.1714833	--																																																																					
	DT-EER (Drive Trace Energy Economy Rating)	0.7134762	--																																																																					
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.8967781	--																																																																					
	MFR FE (Manufacturer Fuel Economy)	8.8	8.8																																																																					
	NOX (Nitrogen Oxide)	0.0078588	--																																																																					
	N2O (Nitrous Oxide)	0.0008975	--																																																																					
	HC-NM (Non-methane Hydrocarbon)	0.0104768	--																																																																					
	NMOG (Non-methane organic gases)	0.0105	--																																																																					
	PM (Particulate Matter)	0	--																																																																					
	HC-TOTAL (Total Hydrocarbon)	0.012611	--																																																																					
	WATT-HRS (Watt Hours)	1756.23	--																																																																					
		<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CREE/OPT-CREE</th></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>999</td><td>999</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	999	999																																																																
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	Carbon-Related Exhaust Emissions	999	999																																																																					
		<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>997.6630841</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	997.6630841	--																																																																
Test Result Name	Unrounded Test Result	Verify Calculated CO2																																																																						
Carbon dioxide	997.6630841	--																																																																						
Manufacturer Test Comments	FTP E10 \ Test as Temerario EDV ETW: 5000 RLHP: 17.8																																																																							

Certification Summary Information Report

Test Group		VVGAV04.0LAC				Evaporative/Refueling Family				VVGAR0172LDA		
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	120,000 miles	Federal Tier 4 Bin 50	CREE	999	--	--	--	0.27	--	999	--	--
Fed	120,000 miles	Federal Tier 4 Bin 50	METHANE	0.0028	--	--	--	0.0026	--	0.005	0.030	Pass
Fed	120,000 miles	Federal Tier 4 Bin 50	N2O	0.0009	--	--	--	0.0011	--	0.002	0.010	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	CO	0.44	--	--	--	0.16	--	0.6	1.7	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	CO-COMP	0.81	--	--	--	--	--	0.8	4.2	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG	0.0105	--	1.1	--	0.0062	--	0.017	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG+NOX	0.0184	--	--	--	--	--	0.029	0.050	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG+NOX-COMP	0.0286	--	--	--	--	--	0.029	0.080	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NOX	0.0079	--	--	--	0.0047	--	0.013	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	PM	0	--	--	--	0	--	0	0.003	Pass
CA	150,000 miles	California LEV-III ULEV50	CO	0.44	--	--	--	0.16	--	0.6	1.7	Pass
CA	150,000 miles	California LEV-III ULEV50	CO-COMP	0.81	--	--	--	--	--	0.8	4.2	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG	0.0105	--	1.1	--	0.0062	--	0.017	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG+NOX	0.0184	--	--	--	--	--	0.029	0.050	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG+NOX-COMP	0.0286	--	--	--	--	--	0.029	0.080	Pass
CA	150,000 miles	California LEV-III ULEV50	NOX	0.0079	--	--	--	0.0047	--	0.013	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	PM	0	--	--	--	0	--	0	0.003	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094408	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	01/27/2026	Fuel	Gasoline
Fuel Batch ID	LB0022	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4176	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	10.237	--
METHANE (CH4 - Methane)	0.0050094	--
CO (Carbon Monoxide)	0.488121	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-3.07133	--
DT-EER (Drive Trace Energy Economy Rating)	-1.070044	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-3.780847	--
MFR FE (Manufacturer Fuel Economy)	11.8	11.8
NOX (Nitrogen Oxide)	0.0017099	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0.0010169	--
NMOG (Non-methane organic gases)	0.001	--
HC-TOTAL (Total Hydrocarbon)	0.0057569	--
WATT-HRS (Watt Hours)	601.06	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	741	741

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	740.0961064	--

Manufacturer Test Comments

EDV ETW: 5000 RLHP: 17.8 (Config = 1)

Certification Summary Information Report

Test Group		VVGAV04.0LAC				Evaporative/Refueling Family				VVGAR0172LDA		
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	120,000 miles	Federal Tier 4 Bin 50	CREE	741	--	--	--	0.27	--	741	--	--
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG	0.001	--	1.03	--	0.0062	--	0.007	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG+NOX	0.0027	--	--	--	--	--	0.014	0.050	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NOX	0.0017	--	--	--	0.0047	--	0.006	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG	0.001	--	1.03	--	0.0062	--	0.007	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG+NOX	0.0027	--	--	--	--	--	0.014	0.050	Pass
CA	150,000 miles	California LEV-III ULEV50	NOX	0.0017	--	--	--	0.0047	--	0.006	99.000	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094415	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	01/27/2026	Fuel	Gasoline
Fuel Batch ID	LB0022	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4222	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	8.014	--
METHANE (CH4 - Methane)	0.0037369	--
CO (Carbon Monoxide)	0.6260717	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.486949	--
DT-EER (Drive Trace Energy Economy Rating)	0.0449776	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.476271	--
MFR FE (Manufacturer Fuel Economy)	9.7	9.7
NOX (Nitrogen Oxide)	0.0056872	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0.0007425	--
NMOG (Non-methane organic gases)	0.0007	--
PM (Particulate Matter)	0.0009059	--
HC-TOTAL (Total Hydrocarbon)	0.0039042	--
WATT-HRS (Watt Hours)	455.18	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	901	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	900.3975514	--

Manufacturer Test Comments

Tested as Temerario EDV ETW: 5000 RLHP: 17.8

Certification Summary Information Report

Test Group		VVGAV04.0LAC				Evaporative/Refueling Family				VVGAR0172LDA		
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 4 Bin 50	CO	0.63	--	--	--	0.16	--	0.8	99.0	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG	0.0007	--	1.03	--	0.0062	--	0.007	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NOX	0.0057	--	--	--	0.0047	--	0.01	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	PM	0.0009	--	--	--	0	--	0.001	0.006	Pass
CA	150,000 miles	California LEV-III ULEV50	CO	0.63	--	--	--	0.16	--	0.8	99.0	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG	0.0007	--	1.03	--	0.0062	--	0.007	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	NOX	0.0057	--	--	--	0.0047	--	0.01	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	PM	0.0009	--	--	--	0	--	0.001	0.006	Pass

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094432	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	02/26/2026	Fuel	Gasoline
Fuel Batch ID	IG0057	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	AUDI AG Ingolstadt		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4815	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	3.589	--
METHANE (CH4 - Methane)	0.0128137	--
CO (Carbon Monoxide)	0.8585752	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.1700336	--
DT-EER (Drive Trace Energy Economy Rating)	-0.6031977	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.6061633	--
MFR FE (Manufacturer Fuel Economy)	5.1	5.1
NOX (Nitrogen Oxide)	0.0136598	--
HC-NM (Non-methane Hydrocarbon)	0.0119199	--
NMOG (Non-methane organic gases)	0.0119	--
HC-TOTAL (Total Hydrocarbon)	0.0243371	--
WATT-HRS (Watt Hours)	3794.43	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	1696	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	1694.54589	--

Manufacturer Test Comments

Tested as Temerario EDV ETW: 5000 RLHP: 17.8

Certification Summary Information Report

Test Group		VVGAV04.0LAC				Evaporative/Refueling Family				VVGAR0172LDA		
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 4 Bin 50	CO	0.86	--	--	--	0.16	--	1	99.0	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NMOG	0.0119	--	1.03	--	0.0062	--	0.018	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 50	NOX	0.0137	--	--	--	0.0047	--	0.018	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	CO	0.86	--	--	--	0.16	--	1	99.0	Pass
CA	150,000 miles	California LEV-III ULEV50	NMOG	0.0119	--	1.03	--	0.0062	--	0.018	99.000	Pass
CA	150,000 miles	California LEV-III ULEV50	NOX	0.0137	--	--	--	0.0047	--	0.018	99.000	Pass

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094471	Test Procedure	81 - Charge Depleting UDDS
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	02/12/2026	Fuel	N/A
Fuel Batch ID	IG0058	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4532	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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	239.8	Recharge Event Energy (kiloWatt-hours)	5.87
Charge Depleting Range (Calculated miles)	10.251	Charge Depleting Range (Actual miles)	10.251
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	2017
All Electric Range Unadjusted (miles)	13.748	Equivalent All Electric Range (miles)	8.543
Number of Charge Depleting Bags/Phases Conducted	3	Transition Bag/Phase Number	2
Charge Depleting Bag/Phase #1			

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																					
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.372</td></tr><tr><td>Average System Voltage</td><td>363.16</td></tr><tr><td>CH4 - Methane</td><td>0</td></tr><tr><td>Carbon Monoxide</td><td>0</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>0.26</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.05</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.44</td></tr><tr><td>Integrated Amp-hours</td><td>9.212</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0.0000524</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>9.21</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>9.21</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.372	Average System Voltage	363.16	CH4 - Methane	0	Carbon Monoxide	0	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.26	Drive Trace Energy Economy Rating	-0.05	Drive Trace Inertia Work Ratio Rating	0.44	Integrated Amp-hours	9.212	Manufacturer Fuel Economy	0	Nitrogen Oxide	0.0000524	Non-methane Hydrocarbon	0	Non-methane organic gases	0	Non-methane organic gases plus Nitrogen Oxides	999.999	System End State of Charge Watt-hours	9.21	System Start State of Charge Watt-hours	9.21	Total Hydrocarbon	0	
	Test Result/Emission Name	Unrounded Test Result																																						
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	System End State of Charge Watt-hours	9.21																																						
	System Start State of Charge Watt-hours	9.21																																						
	Total Hydrocarbon	0																																						
Charge Depleting Bag/Phase #2																																								

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																					
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.419</td></tr><tr><td>Average System Voltage</td><td>342.89</td></tr><tr><td>CH4 - Methane</td><td>0.005</td></tr><tr><td>Carbon Monoxide</td><td>0.35</td></tr><tr><td>Carbon dioxide</td><td>370</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>371</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.92</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.23</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.35</td></tr><tr><td>Integrated Amp-hours</td><td>12.783</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24</td></tr><tr><td>Nitrogen Oxide</td><td>0.0167971</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.021</td></tr><tr><td>Non-methane organic gases</td><td>0.0213723</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>3.58</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>3.58</td></tr><tr><td>Total Hydrocarbon</td><td>0.025</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.419	Average System Voltage	342.89	CH4 - Methane	0.005	Carbon Monoxide	0.35	Carbon dioxide	370	Carbon-Related Exhaust Emissions	371	Drive Trace Absolute Speed Change Rating	0.92	Drive Trace Energy Economy Rating	0.23	Drive Trace Inertia Work Ratio Rating	1.35	Integrated Amp-hours	12.783	Manufacturer Fuel Economy	24	Nitrogen Oxide	0.0167971	Non-methane Hydrocarbon	0.021	Non-methane organic gases	0.0213723	Non-methane organic gases plus Nitrogen Oxides	999.999	System End State of Charge Watt-hours	3.58	System Start State of Charge Watt-hours	3.58	Total Hydrocarbon	0.025	
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	System Start State of Charge Watt-hours	3.58																																						
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Charge Depleting Bag/Phase #3																																								

Charge Depleting Bag/Phase #3

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																						
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.411</td></tr><tr><td>Average System Voltage</td><td>343.16</td></tr><tr><td>CH4 - Methane</td><td>0.000492</td></tr><tr><td>Carbon Monoxide</td><td>0.36</td></tr><tr><td>Carbon dioxide</td><td>464</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>465</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.45</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.6</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.62</td></tr><tr><td>Integrated Amp-hours</td><td>12.803</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.2</td></tr><tr><td>Nitrogen Oxide</td><td>0.001219</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>0.02</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>0.02</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table>			Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.411	Average System Voltage	343.16	CH4 - Methane	0.000492	Carbon Monoxide	0.36	Carbon dioxide	464	Carbon-Related Exhaust Emissions	465	Drive Trace Absolute Speed Change Rating	0.45	Drive Trace Energy Economy Rating	-0.6	Drive Trace Inertia Work Ratio Rating	0.62	Integrated Amp-hours	12.803	Manufacturer Fuel Economy	19.2	Nitrogen Oxide	0.001219	Non-methane Hydrocarbon	0	Non-methane organic gases	0	Non-methane organic gases plus Nitrogen Oxides	999.999	System End State of Charge Watt-hours	0.02	System Start State of Charge Watt-hours	0.02	Total Hydrocarbon	0
Test Result/Emission Name	Unrounded Test Result																																								
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Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	VVGA10094532	Test Procedure	84 - Charge Depleting Highway
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	03/13/2026	Fuel	N/A
Fuel Batch ID	IG0058	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4555	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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	239.6	Recharge Event Energy (kiloWatt-hours)	5.776
Charge Depleting Range (Calculated miles)	12.068	Charge Depleting Range (Actual miles)	12.068
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	2017
All Electric Range Unadjusted (miles)	10.981	Equivalent All Electric Range (miles)	10.981
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	2
Charge Depleting Bag/Phase #1			

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																					
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.14</td></tr><tr><td>Average System Voltage</td><td>360.07</td></tr><tr><td>CH4 - Methane</td><td>0.000001</td></tr><tr><td>Carbon Monoxide</td><td>0</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>-0.09</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.75</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.11</td></tr><tr><td>Integrated Amp-hours</td><td>10.556</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.000144</td></tr><tr><td>Non-methane organic gases</td><td>0.000148</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>-10.556</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>-10.556</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.14	Average System Voltage	360.07	CH4 - Methane	0.000001	Carbon Monoxide	0	Carbon dioxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.09	Drive Trace Energy Economy Rating	-0.75	Drive Trace Inertia Work Ratio Rating	-1.11	Integrated Amp-hours	10.556	Manufacturer Fuel Economy	0	Nitrogen Oxide	0	Non-methane Hydrocarbon	0.000144	Non-methane organic gases	0.000148	Non-methane organic gases plus Nitrogen Oxides	999.999	System End State of Charge Watt-hours	-10.556	System Start State of Charge Watt-hours	-10.556	Total Hydrocarbon	0	
	Test Result/Emission Name	Unrounded Test Result																																						
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	System Start State of Charge Watt-hours	-10.556																																						
	Total Hydrocarbon	0																																						
Charge Depleting Bag/Phase #2																																								

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
	Test Result/Emission Name	Unrounded Test Result	
	Actual Distance Driven (miles)	10.148	
	Average System Voltage	342.99	
	CH4 - Methane	0.002888	
	Carbon Monoxide	0.24	
	Carbon dioxide	319	
	Carbon-Related Exhaust Emissions	319	
	Drive Trace Absolute Speed Change Rating	-0.44	
	Drive Trace Energy Economy Rating	-0.73	
	Drive Trace Inertia Work Ratio Rating	-1.48	
	Integrated Amp-hours	12.561	
	Manufacturer Fuel Economy	27.9	
	Nitrogen Oxide	0.01014	
	Non-methane Hydrocarbon	0.016273	
	Non-methane organic gases	0.016761	
	Non-methane organic gases plus Nitrogen Oxides	999.999	
	System End State of Charge Watt-hours	-2.005	
	System Start State of Charge Watt-hours	-2.005	
	Total Hydrocarbon	0.019	
Charge Depleting Bag/Phase #3			

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																					
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.134</td></tr><tr><td>Average System Voltage</td><td>345.27</td></tr><tr><td>CH4 - Methane</td><td>0.002493</td></tr><tr><td>Carbon Monoxide</td><td>0.15</td></tr><tr><td>Carbon dioxide</td><td>360</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>360</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.85</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.08</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.23</td></tr><tr><td>Integrated Amp-hours</td><td>11.769</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.7</td></tr><tr><td>Nitrogen Oxide</td><td>0.000482</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.003734</td></tr><tr><td>Non-methane organic gases</td><td>0.003846</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>0.792</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>0.792</td></tr><tr><td>Total Hydrocarbon</td><td>0.006</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.134	Average System Voltage	345.27	CH4 - Methane	0.002493	Carbon Monoxide	0.15	Carbon dioxide	360	Carbon-Related Exhaust Emissions	360	Drive Trace Absolute Speed Change Rating	0.85	Drive Trace Energy Economy Rating	-1.08	Drive Trace Inertia Work Ratio Rating	0.23	Integrated Amp-hours	11.769	Manufacturer Fuel Economy	24.7	Nitrogen Oxide	0.000482	Non-methane Hydrocarbon	0.003734	Non-methane organic gases	0.003846	Non-methane organic gases plus Nitrogen Oxides	999.999	System End State of Charge Watt-hours	0.792	System Start State of Charge Watt-hours	0.792	Total Hydrocarbon	0.006	
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Charge Depleting Bag/Phase #4																																								

Charge Depleting Bag/Phase #4

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA																																					
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	Manufacturer Test Comments		--																																					

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
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Emission Data Vehicle Information

Vehicle ID / Configuration	LB634_0060 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TVGAV04.0LAC	Original Evaporative/Refueling Family	TVGAR0172LDA
Original Test Vehicle Model Year	2026		

Vehicle Model

Represented Test Vehicle Make	Lamborghini	Represented Test Vehicle Model	Temerario
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Leak Family Details

Leak Family Identifier	001	Leak Family Name	TVGAR0172LDA-001
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Electric Motor	Electricity
2	Combustion Engine	Gasoline

Hybrid Indicator	Yes		
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	No		
Odometer Correction -- Initial	0	Odometer Correction Factor	1
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Kilometers		
Engine Code	DZS	Rated Horsepower	788
Displacement (liters)	3.995		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel
Charge Air Cooler Type	Liquid	Drive Mode While Testing	All Wheel Drive
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	4328	Equivalent Test Weight (pounds)	4750
GVWR (lbs)	4793	N/V Ratio	29.9
Axle Ratio	2.55		
Transmission Type	Automated Manual- Selectable (e.g. Automated Manual with paddles)	# of Transmission Gears	8
Transmission Lockup	No	Creep Gear	No

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	47.66	0.5568	0.01981	4.07	0.0751	0.02108	16.7
Cold CO	52.43	0.6125	0.02179	-29.06	-0.0586	0.02364	N/A
US06	47.66	0.5568	0.01981	4.07	0.0751	0.02108	N/A

Emission Control Device Comments DFI/2CAC/2TC/2WR-HO2S/2TWC/2HO2S/2GPF correction required to change Off-board Charge Capable Indicator from "Yes" to "No" to accommodate EVCIS business rules.

Manufacturer Test Vehicle Comments correction required to change Off-board Charge Capable Indicator from "Yes" to "No" to accommodate EVCIS business rules.

Test #	TVGA10092342	Test Procedure	23 - 2-day evap
Exhaust Test # for this Evap Test	TVGA10092305	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	09/11/2025	Fuel	Gasoline
Fuel Batch ID	LB0020	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4691	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.211	--

Manufacturer Test Comments 2DBL MCT

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.211	0.003	0.214	0.5	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.211	0.003	0.214	0.5	Pass

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Test #	TVGA10092344	Test Procedure	34 - Federal fuel 3-day evap
Exhaust Test # for this Evap Test	TVGA10092304	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	09/18/2025	Fuel	Gasoline
Fuel Batch ID	LB0022	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	Automobili Lamborghini S.p.A.		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4711	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.306	--

Manufacturer Test Comments3DBL

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.306	0.0067	0.313	0.5	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.306	0.007	0.313	0.5	Pass

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA						
Test #	TVGA10091624	Test Procedure	24 - Federal fuel refueling test (ORVR)						
Exhaust Test # for this Evap Test	TVGA10091623	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)						
Test Date	06/05/2025	Fuel	Gasoline						
Fuel Batch ID	LB0020	Fuel Calibration Number	1						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	AUDI AG Ingolstadt								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	7270	Odometer Units	K						
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--						
State of Charge Delta	No								
Drive Cycle Speed Tolerance Criteria	--	Road Speed Fan Usage	--						
Test Results									
<table border="1"> <tr> <td>Test Result Name</td> <td>Unrounded Test Result</td> <td>Verify Calculated FE Equivalent Value</td> </tr> <tr> <td>HC (Hydrocarbon for Running Loss and ORVR)</td> <td>0.057</td> <td>--</td> </tr> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	HC (Hydrocarbon for Running Loss and ORVR)	0.057	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value							
HC (Hydrocarbon for Running Loss and ORVR)	0.057	--							
Manufacturer Test Comments									
ORVR Non-Integrated System									
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Evap	HC	0.057	0.005	0.06	0.2	Pass	
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	HC	0.057	0.005	0.06	0.2	Pass	

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA						
Test #	TVGA10092343	Test Procedure	32 - Federal Fuel Running Loss						
Exhaust Test # for this Evap Test	TVGA10092304	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)						
Test Date	09/18/2025	Fuel	Gasoline						
Fuel Batch ID	LB0022	Fuel Calibration Number	1						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	Automobili Lamborghini S.p.A.								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	4722	Odometer Units	M						
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--						
State of Charge Delta	No								
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes						
Test Results									
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0	--							
Manufacturer Test Comments									
Running Loss MCT									
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0	0	0	0.05	Pass	
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	HC-TOTAL-EQUIV	0	0	0	0.05	Pass	

Certification Summary Information Report

Test Group	VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Fuel Properties			
Fuel Batch ID	LB0022	Fuel Calibration Number	1
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	06/19/2025
Fuel Batch Calibration Effective Date	06/24/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.754
Fuel Ethanol Volume Percent (%)	9.6	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.461	Fuel Carbon Mass Fraction (E10)	0.829
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	IG0057	Fuel Calibration Number	1
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	06/19/2025
Fuel Batch Calibration Effective Date	07/16/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.754
Fuel Ethanol Volume Percent (%)	9.6	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.81	Fuel Carbon Mass Fraction (E10)	0.829
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--
Fuel Batch ID	IG0058	Fuel Calibration Number	1
Test Fuel Type	61 - Tier 2 Cert Gasoline	Fuel Batch Calibration Date	08/15/2025
Fuel Batch Calibration Effective Date	01/28/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.744
Fuel Ethanol Volume Percent (%)	--	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18421
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.867	Weight Fraction CO2	--
Fuel Batch ID	LB0024	Fuel Calibration Number	1
Test Fuel Type	29 - Cold CO E10 Premium Gasoline (Tier 3)	Fuel Batch Calibration Date	04/23/2025
Fuel Batch Calibration Effective Date	04/25/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--

Certification Summary Information Report

Test Group		VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
Exhaust Carbon Weight Fraction	--		Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--		Fuel Specific Gravity	0.748
Fuel Ethanol Volume Percent (%)	9.7		Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.5		Fuel Carbon Mass Fraction (E10)	0.826
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--		Weight Fraction CO2	--
Fuel Batch ID	LB0020		Fuel Calibration Number	1
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)		Fuel Batch Calibration Date	07/05/2024
Fuel Batch Calibration Effective Date	03/10/2025		Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--		Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--		Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--		Fuel Specific Gravity	0.754
Fuel Ethanol Volume Percent (%)	9.7		Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.775		Fuel Carbon Mass Fraction (E10)	0.829
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--		Weight Fraction CO2	--

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family			VVGAR0172LDA	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50	
Fuel		Gasoline			Test Procedure			US06	
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	--	--	--	--	--	--	0.16	99.0
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	99.000
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000
150,000 miles	PM	--	--	--	--	--	--	0	0.006
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 Bin 50	
Fuel		Gasoline			Test Procedure			US06	
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	--	--	--	--	--	--	0.16	99.0
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	99.000
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000
150,000 miles	PM	--	--	--	--	--	--	0	0.006
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 Bin 50	
Fuel		Gasoline			Test Procedure			SC03	
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	--	--	--	--	--	--	0.16	99.0
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	99.000
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family			VVGAR0172LDA	
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 Bin 50	
Fuel		Gasoline			Test Procedure			HWFE	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.27	999
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50	
Fuel		Gasoline			Test Procedure			Fed. fuel 50 F exh.	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
4,000 miles	CO	--	--	--	--	--	--	--	1.7
4,000 miles	NMOG	--	--	1.1	--	--	--	--	99.999
4,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.100
4,000 miles	NOX	--	--	--	--	--	--	--	99.999
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50	
Fuel		Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/can load)	
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	--	--	--	--	--	--	0.16	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0062	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	--	0.080
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000
150,000 miles	PM	--	--	--	--	--	--	0	0.003

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family			VVGAR0172LDA	
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 Bin 50	
Fuel		Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/can load)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.27	999
120,000 miles	METHANE	--	--	--	--	--	--	0.0026	0.030
120,000 miles	N2O	--	--	--	--	--	--	0.0011	0.010
150,000 miles	CO	--	--	--	--	--	--	0.16	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0062	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	--	0.080
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000
150,000 miles	PM	--	--	--	--	--	--	0	0.003
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50	
Fuel		Gasoline			Test Procedure			SC03	
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	--	--	--	--	--	--	0.16	99.0
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	99.000
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50	
Fuel		Gasoline			Test Procedure			HWFE	
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	NMOG	--	--	1.03	--	--	--	0.0062	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0047	99.000

Certification Summary Information Report

Test Group		VVGAV04.0LAC			Evaporative/Refueling Family			VVGAR0172LDA	
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 Bin 50	
Fuel		Gasoline			Test Procedure			Cold CO	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.16	10.0
120,000 miles	HC-NM	--	--	--	--	--	--	0.0056	0.3

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50	
Fuel		Gasoline			Test Procedure			Cold CO	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.16	10.0

Evaporative/Refueling Standards

Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		Federal fuel 3-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.007		

Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		Federal fuel refueling test (ORVR)					
Fuel	Useful Life	Emission Name	Rounded Result		Std	Add DF	
Gasoline	150,000 miles	HC	--		0.20	0.005	

Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal fuel 3-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0067		

Certification Summary Information Report

Test Group		VVGAV04.0LAC		Evaporative/Refueling Family		VVGAR0172LDA	
Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		Federal Fuel Running Loss					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.050	0		
Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		2-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.003		
Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal Fuel Running Loss					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0		
Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal fuel refueling test (ORVR)					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC	--	0.20	0.005		
Evaporative/Refueling Family		VVGAR0172LDA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		2-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.003		

Certification Summary Information Report

Test Group		VVGAV04.0LAC	Evaporative/Refueling Family	VVGAR0172LDA
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	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		VVGAV04.0LAC	Evaporative/Refueling Family		VVGAR0172LDA
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	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
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		VVGAV04.0LAC	Evaporative/Refueling Family		VVGAR0172LDA
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				
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		

Certification Summary Information Report

Test Group		VVGAV04.0LAC	Evaporative/Refueling Family		VVGAR0172LDA
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	