



Application for Certification - Part 1

Test Group (FOI)

- **Model Year:** 2027
- **Manufacturer Name:** Kia Corporation
- **Test Group:** VKMXV00.0600
- **Test Group Description:** Battery Electric Vehicle
- **Durability Group:** VKMXEEENN600
- **Durability Group Description:** N/A
- **Vehicle Class:** LDV
- **Applicable Standards:** FED: Tier-4 Bin 0
- **Vehicles Tested:** OV1U68EE034F / 0,1
- **Carlines Covered by Certificate:** EV5
- **EPA Response Requested by:** Jan 30, 2026
- **For Questions, Contact:** Stephanie Wright
Tel: 734-273-1904
E-mail: swright@hatci.com

TABLE OF CONTENTS

Section	Contents	Application	
		Common	Test Group
01	Correspondence and Communications	x	
02	Durability Group Description		x
	02.01 List of Vehicles in Durability Groups	x	
	02.02 Catalyst Information		x
03	Evaporative/Refueling Family Description		x
	03.01 Evaporative/Refueling General Description	x	
	03.02 List of Vehicles in Evaporative Families	x	
04	Durability Test Procedure Description		
	04.01 Exhaust Durability Vehicle Test Data		x
	04.02 Evaporative/ORVR Durability Test Data		x
	04.03 Exhaust Durability Test Procedure	x	
	04.04 Evaporative Durability Test Procedure	x	
05	Test Group Description		x
06	Test Vehicle Description		x
07	Test Results		x
08	Emission Compliance Statement	x	
09	OBD System Description		x
10	Description of Alternate-Fueled Vehicles		x
11	AECD Descriptions		x
12	Description of Vehicles Covered by Certificate and Test Parameters		
	12.01 Vehicle Parameters		x
	12.02 Test Parameters	x	x
13	Projected Sales	x	
14	Request for Certification		x
15	Other Information		
	15.01 Certification Fee Filing Form		x
	15.02 Vehicle Emission Control Information Label		x
	15.03 ORVR Safety Statement		x
	15.04 New Technology System Description	x	
	15.05 Engine Oil Information	x	
16	Service of Process	x	

01.00 Correspondence and Communications

Please refer to Common Section 01.00.

For questions, call Stephanie Wright (734-273-1904)

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

02.00 Durability Group Description

1. Durability Group Name : VKMXEEENN600
2. Engine Type : Motor
3. Fuel Used : Electricity
4. Battery Capacity(s) : 202.1 Ah
5. Battery Chemistry(s) : NCM*1
6. Battery Duty Cycle Usage(s) : 15 years / 300,000km
7. Battery Manufacturer : Webasto Korea Holdings Ltd. (CATL)
8. Battery Construction : 27 modules (108 cells in total)
9. Battery Self-Discharge Information : <10% @SOC40%, RT for 6 months
10. Description of the Thermal Management System : Active liquid cooled
11. Battery Disposal Plan : See Common Section 02.00

(Note) *1 : Nickel Cobalt Manganese

02.01 List of Vehicles in Durability Groups

Please refer to Common Section 02.01.

02.02 Catalyst Information : Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

03.00 Evaporative/Refueling Family Description: Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

04.00 Durability Procedure Description: Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised :

05.00 Test Group Description

Test Group Name : VKMXV00.0600

Vehicle Class(s) Covered : FED - LDV

Sales Location/Emission Standard : FED - Tier-4 Bin 0 / Not Applicable
See CSI report for emission standard levels

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

06.00 Test Vehicle Description

Durability Data Vehicle: Not Applicable

Emission Data Vehicle: Please refer to CSI report in 07.00

VKMXV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised:

:

07.00 Test Results

07.01 EV-CIS Certification Summary Information

Certification Summary Information Report submitted to EV-CIS.

See attachment:

CSI- VKMXV00.0600

VKMXV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised :

:

08.00 Emission Compliance Statement: Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

09.00 OBD System Description

Battery electric vehicles are exempt from OBD requirements because they do not use emission control systems and/or components.

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

10.00 Description of Alternate-Fueled Vehicles: Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

11.00 AECD Description: Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

12.00 Description of Vehicles Covered by Certificate and Test Parameters

12.01 Vehicle Parameters

Carline		514	
Model Name		EV5 Long Range FWD	
Vehicle Classification		LDV	
Emission Control System Description		N/A	
Engine Code (Motor)		CEN4	
Number of Valves Per Cylinder		N/A	
Engine Displacement (L)		N/A	
Sales Area		CANADA	
Transmission and Overdrive		Fixed Single Speed	
SIL		N/A	
Tire Size		235/60R18 (Nexen)	235/55R19 (Kumho)
N/V Ratios		137.7	136.5
ETW(lb)		4750	
Elec. Dyno. Target Coefficient	A	Please refer to 12.02.01.	
	B		
	C		
Motor	Type	PMSM*1	
	Max. Power (kW)	160 (Front motor)	
Battery	Type	Lithium ion	
	Rated Voltage (V)	403	
	Weight (kg)	487.0	

(Note) *1 : Permanent Magnet Synchronous Motor

VKMXV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised:

12.02.02 Engine Starting Procedures

Please refer to Common Section 12.02.02.

12.02.03 Shift Schedules: Not Applicable

12.02.04 Transmission / Advanced Technology System Test Modes

Please refer to Common Section 12.02.04.

12.02.05 Running Loss Fuel Tank Temperature Profile: Not Applicable

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

13.00 Projected Sales

Please refer to Common Section 13.00.

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

14.00 Request for Certification



Ms. Kathryn Kochunas
Certification Division
Mobile Source Pollution Control
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan

Subject: Request for Certificate of Conformity for 2027 Model Year Test Group
VKMXV00.0600 / Evaporative Family N/A

Dear Ms. Kathryn Kochunas:

Kia Corporation requests that EPA issue a Certificate of Conformity for the test group subjected above.

All vehicles within test group mentioned above comply with the applicable regulations contained in 40 CFR 86.1844-01(d)(14) including the provisions of 40 CFR Parts 85, 86 and 600. This test group also complies with California Air Resources Board, Final Regulation Order, Sections 1961.4 and 1961.3 (1962.4 and 1962.3 for zero-emission vehicles) Title 13, California Code of Regulations.

The Part 1 Application for Certification has been prepared in accordance with the standardized format recommended by EPA via its guidance document CD-14-19 (LDV/LDT/OCO/LIMO) Subject: Certification Application Reporting Guidance, dated November 24, 2014.

If you have any questions regarding the Certificate of Conformity do not hesitate to contact Stephanie Wright at swright@hatci.com or (734) 273-1904.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ji' followed by a stylized flourish.

C. H. Ji
General Manager
Regulation & Certification Team2

Kia Corporation

VKMXV00.0600 – Kia EV5 – Part 1
Issued : 01-12-2026
Revised:

15.00 Other Information

15.01 Certification Fee Filing Form

VKMXV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised:

15.02 Vehicle Emission Control Information (VECI) Label

This Test Group is for Canada only.

15.03 ORVR Safety Statement: Not Applicable

15.04 New Technology System Description

Please refer to Common Section 15.04.

15.05 Engine Oil Information : Not Applicable

VKM XV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised:

16.00.00 Service of Process

Please refer to Common Section 17.01.00.0

VKMXV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised:

17.00.00 Attachment

1. CSI Report

VKMXV00.0600 – Kia EV5 – Part 1

Issued : 01-12-2026

Revised:

Certification Summary Information Report

Manufacturer	Kia Corporation	Manufacturer Code	KMX
Test Group	VKMXV00.0600	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	01/12/2026 08:10:06 PM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	--

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
Fuel Cell Indicator	No	EPA Vehicle Class	LDV
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	--	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	THYXEEENNK01	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	Federal	OBD Demonstration Vehicle Test Group	VKMXV00.0600
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	Battery Electric Vehicle is exempted from OBD compliance.		
Mfr Test Group Comments	This Test Group is for Canada only		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VKMXV00.0600			Evaporative/Refueling Family			--			
Models Covered by this Certificate										
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup			
Kia Corporation	1 - KIA	520 - EV5 Long Range FWD	Federal	2-Wheel Drive, Front	Automatic	1	No			
Engine Description										
Hybrid Type	--			Hybrid Description	--					
Engine Type	--			Mfr Engine Description	--					
Engine Block Arrangement	--			Mfr Engine Block Arrangement Description	--					
Camless Valvetrain Indicator	--			Oil Viscosity/Classification						
Number of Cylinders/Rotors	--			Mechanically Variable Compression Ratio Indicator	--					
After Treatment Device(s) (ATD)										
Mfr After Treatment Device (ATD) Comments	--									
Direct Ozone Reduction (DOR) Device	--									
Mfr Emission Control Device Comments	--									
Official Test Numbers										
Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity	--	--	--	--	--	--	--	--	--	--

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	403	Battery Energy Capacity	202
Battery Specific Energy	167.2	Battery Charger Type	Both
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Front Wheels	Driver Controlled Regenerative Braking	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	PMSM	Rated Motor/Generator Power	160
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	PMSM : Permanent Magnet Synchronous Motor		

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	OV1U68EE034F / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	VKMXV00.0600	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2027								
Vehicle Model									
Represented Test Vehicle Make	KIA	Represented Test Vehicle Model	EV5 Long Range FWD						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	0	Odometer Correction Factor	0.992						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	CEN4	Rated Horsepower	215						
Displacement (liters)	0.001								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	4403	Equivalent Test Weight (pounds)	4750						
GVWR (lbs)	5423	N/V Ratio	137.7						
Axle Ratio	3.95								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						
Dynamometer Coefficients:									
	Target Coefficients								
	Set Coefficients								
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	25.188	0.22626	0.021704						
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
	10.016	0.06533	0.022505						
	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients								
	12.1								
Emission Control Device Comments	--								

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	OV1 long range/1 motor 18in		

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																		
Test #	VKMX10092920	Test Procedure	77 - Multi-Cycle Test (MCT)																		
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																		
Test Date	12/29/2025	Fuel	Electricity																		
Fuel Batch ID	--	Fuel Calibration Number	--																		
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined																		
Verify Test Lab ID	6800 Geddes Road																				
E10 Evaporative Test Measurement Method	--																				
Test Start Odometer Reading	4545	Odometer Units	M																		
4WD Test Dyno	No	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	220	Recharge Event Energy (kiloWatt-hours)	87.6821																		
Charge Depleting Range (Calculated miles)	467.376	Charge Depleting Range (Actual miles)	467.376																		
Charge Depleting Range Highway (Calculated miles)	362.064	Derived 5-Cycle Coefficient Model Year	--																		
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	467.376																		
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																		
Charge Depleting Bag/Phase #1																					
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.456</td> </tr> <tr> <td>Carbon Monoxide</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>-1.58</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.37</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.49</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4555601</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.521996</td> </tr> </tbody> </table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.456	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.58	Drive Trace Energy Economy Rating	-1.37	Drive Trace Inertia Work Ratio Rating	-2.49	Integrated DC KW-HRS	1.4555601	Manufacturer Fuel Economy	19.521996		
Test Result/Emission Name	Unrounded Test Result																				
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Drive Trace Inertia Work Ratio Rating	-2.49																				
Integrated DC KW-HRS	1.4555601																				
Manufacturer Fuel Economy	19.521996																				
Charge Depleting Bag/Phase #2																					

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.249</td></tr><tr><td>Carbon Monoxide</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>-0.42</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.28</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.75</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.2818301</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.263929</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.249	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.42	Drive Trace Energy Economy Rating	-0.28	Drive Trace Inertia Work Ratio Rating	-0.75	Integrated DC KW-HRS	2.2818301	Manufacturer Fuel Economy	22.263929		
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Drive Trace Inertia Work Ratio Rating	-0.75																				
Integrated DC KW-HRS	2.2818301																				
Manufacturer Fuel Economy	22.263929																				
Charge Depleting Bag/Phase #3																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.445</td></tr><tr><td>Carbon Monoxide</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>-1.42</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.24</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.37</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2971599</td></tr><tr><td>Manufacturer Fuel Economy</td><td>17.423236</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.445	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.42	Drive Trace Energy Economy Rating	-1.24	Drive Trace Inertia Work Ratio Rating	-2.37	Integrated DC KW-HRS	1.2971599	Manufacturer Fuel Economy	17.423236		
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Integrated DC KW-HRS	1.2971599																				
Manufacturer Fuel Economy	17.423236																				
Charge Depleting Bag/Phase #4																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>191.102</td></tr><tr><td>Carbon Monoxide</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>56.7674297</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.705304</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	191.102	Carbon Monoxide	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	56.7674297	Manufacturer Fuel Economy	29.705304		
Test Result/Emission Name	Unrounded Test Result																				
Actual Distance Driven (miles)	191.102																				
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Drive Trace Inertia Work Ratio Rating	0																				
Integrated DC KW-HRS	56.7674297																				
Manufacturer Fuel Economy	29.705304																				
Charge Depleting Bag/Phase #5																					

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.479</td></tr><tr><td>Carbon Monoxide</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>-1.22</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.56</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.74</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2606992</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.856521</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.479	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.22	Drive Trace Energy Economy Rating	-1.56	Drive Trace Inertia Work Ratio Rating	-1.74	Integrated DC KW-HRS	1.2606992	Manufacturer Fuel Economy	16.856521		
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Drive Trace Absolute Speed Change Rating	-1.22																				
Drive Trace Energy Economy Rating	-1.56																				
Drive Trace Inertia Work Ratio Rating	-1.74																				
Integrated DC KW-HRS	1.2606992																				
Manufacturer Fuel Economy	16.856521																				
Charge Depleting Bag/Phase #6																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.258</td></tr><tr><td>Carbon Monoxide</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>1.52</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.3</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.74</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.2638984</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.069589</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.258	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.52	Drive Trace Energy Economy Rating	-0.3	Drive Trace Inertia Work Ratio Rating	1.74	Integrated DC KW-HRS	2.2638984	Manufacturer Fuel Economy	22.069589		
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Charge Depleting Bag/Phase #7																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.467</td></tr><tr><td>Carbon Monoxide</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>-0.6</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.59</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.15</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2773047</td></tr><tr><td>Manufacturer Fuel Economy</td><td>17.105996</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.467	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.6	Drive Trace Energy Economy Rating	-0.59	Drive Trace Inertia Work Ratio Rating	-1.15	Integrated DC KW-HRS	1.2773047	Manufacturer Fuel Economy	17.105996		
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Charge Depleting Bag/Phase #8																					

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																																				
<table><tr><th>Test Result/Emission Name</th><th colspan="3">Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td colspan="3">46.264</td></tr><tr><td>Carbon Monoxide</td><td colspan="3">0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td colspan="3">0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td colspan="3">0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td colspan="3">0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td colspan="3">0</td></tr><tr><td>Integrated DC KW-HRS</td><td colspan="3">13.6538984</td></tr><tr><td>Manufacturer Fuel Economy</td><td colspan="3">29.513009</td></tr></table>				Test Result/Emission Name	Unrounded Test Result			Actual Distance Driven (miles)	46.264			Carbon Monoxide	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	13.6538984			Manufacturer Fuel Economy	29.513009		
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Manufacturer Fuel Economy	29.513009																																						
Manufacturer Test Comments	27MY OV1 long range FWD 18in EPA result																																						

Certification Summary Information Report

Test Group		VKMXV00.0600			Evaporative/Refueling Family				--			
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--

Page 11 of 21 CSI Submission/Revision Date: 01/12/2026 08:10:06 PM

Page 12 of 21 CSI Submission/Revision Date: 01/12/2026 08:10:06 PM

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																		
Test #	VKMX10092610	Test Procedure	77 - Multi-Cycle Test (MCT)																		
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																		
Test Date	10/31/2025	Fuel	Electricity																		
Fuel Batch ID	--	Fuel Calibration Number	--																		
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined																		
Verify Test Lab ID	772-1, Jangduck-Dong																				
E10 Evaporative Test Measurement Method	--																				
Test Start Odometer Reading	3543	Odometer Units	M																		
4WD Test Dyno	No	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	220	Recharge Event Energy (kiloWatt-hours)	88.796																		
Charge Depleting Range (Calculated miles)	434.534	Charge Depleting Range (Actual miles)	434.534																		
Charge Depleting Range Highway (Calculated miles)	354.458	Derived 5-Cycle Coefficient Model Year	--																		
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	434.534																		
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																		
Charge Depleting Bag/Phase #1																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.43</td></tr><tr><td>Carbon Monoxide</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>-4.08</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-3.58</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-5.13</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.54899</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.847779</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.43	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-4.08	Drive Trace Energy Economy Rating	-3.58	Drive Trace Inertia Work Ratio Rating	-5.13	Integrated DC KW-HRS	1.54899	Manufacturer Fuel Economy	20.847779
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Manufacturer Fuel Economy	20.847779																				
Charge Depleting Bag/Phase #2																					

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.26</td></tr><tr><td>Carbon Monoxide</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>-2.46</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.55</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.64</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.3615</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.016569</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.26	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-2.46	Drive Trace Energy Economy Rating	-1.55	Drive Trace Inertia Work Ratio Rating	-2.64	Integrated DC KW-HRS	2.3615	Manufacturer Fuel Economy	23.016569		
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Integrated DC KW-HRS	2.3615																				
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Charge Depleting Bag/Phase #3																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.43</td></tr><tr><td>Carbon Monoxide</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>-3.99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-3.58</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-4.91</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.39688</td></tr><tr><td>Manufacturer Fuel Economy</td><td>18.800538</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.43	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-3.99	Drive Trace Energy Economy Rating	-3.58	Drive Trace Inertia Work Ratio Rating	-4.91	Integrated DC KW-HRS	1.39688	Manufacturer Fuel Economy	18.800538		
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Integrated DC KW-HRS	1.39688																				
Manufacturer Fuel Economy	18.800538																				
Charge Depleting Bag/Phase #4																					
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>213.38</td></tr><tr><td>Carbon Monoxide</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>52.59</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>63.62213</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.816351</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	213.38	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	52.59	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	63.62213	Manufacturer Fuel Economy	29.816351		
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Drive Trace Energy Economy Rating	0																				
Drive Trace Inertia Work Ratio Rating	0																				
Integrated DC KW-HRS	63.62213																				
Manufacturer Fuel Economy	29.816351																				
Charge Depleting Bag/Phase #5																					

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.43
Carbon Monoxide	0
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-4.08
Drive Trace Energy Economy Rating	-3.61
Drive Trace Inertia Work Ratio Rating	-5.01
Integrated DC KW-HRS	1.3726
Manufacturer Fuel Economy	18.473755

Charge Depleting Bag/Phase #6

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Carbon Monoxide	0
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.97
Drive Trace Energy Economy Rating	-1.51
Drive Trace Inertia Work Ratio Rating	-2.43
Integrated DC KW-HRS	2.3271
Manufacturer Fuel Economy	22.681287

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.43
Carbon Monoxide	0
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-4.12
Drive Trace Energy Economy Rating	-3.57
Drive Trace Inertia Work Ratio Rating	-5.03
Integrated DC KW-HRS	1.3754
Manufacturer Fuel Economy	18.51144

Charge Depleting Bag/Phase #8

Certification Summary Information Report

Test Group	VKMXV00.0600	Evaporative/Refueling Family	--																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>23.42</td></tr><tr><td>Carbon Monoxide</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>6.44</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.09</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>12.87</td></tr><tr><td>Integrated DC KW-HRS</td><td>6.9852</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.82579</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	23.42	Carbon Monoxide	0	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	6.44	Drive Trace Energy Economy Rating	-0.09	Drive Trace Inertia Work Ratio Rating	12.87	Integrated DC KW-HRS	6.9852	Manufacturer Fuel Economy	29.82579
Test Result/Emission Name	Unrounded Test Result																				
Actual Distance Driven (miles)	23.42																				
Carbon Monoxide	0																				
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Drive Trace Inertia Work Ratio Rating	12.87																				
Integrated DC KW-HRS	6.9852																				
Manufacturer Fuel Economy	29.82579																				
Manufacturer Test Comments	27MY OV1 long range FWD 19in MCT Data over '99.99' have been set as '0' due to technical restrictions, but have actually obtained the following results: -> Charge Depleting Bag / Phase #4 DT-IWRR = 103.07<																				

Certification Summary Information Report

Test Group	VKMXV00.0600					Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--

Fuel Properties

Certification Summary Information Report

Test Group		VKMXV00.0600			Evaporative/Refueling Family			--			
Consolidated List of Standards											
Exhaust Standards											
Cert Region		Federal			Cert/In-Use Code			Cert			
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 0			
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o 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	0
Cert Region		Federal			Cert/In-Use Code			Cert			
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 0			
Fuel		Electricity			Test Procedure			Multi-Cycle Test (MCT)			
Useful Life		Emission Name		Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO		--	--	--	--	--	--	--	0	0
150,000 miles	CREE		--	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group		VKMXV00.0600	Evaporative/Refueling Family		--
Glossary					
Useful Life					
4	4,000 miles		120	120,000 miles	
50	50,000 miles		150	150,000 miles	
100	100,000 miles				
Emission Name					
HC-TOTAL	Total Hydrocarbon		AS-VOLT	Average System Voltage	
CO	Carbon Monoxide		CO2 BAG 1	Bag 1 Carbon Dioxide	
CO2	Carbon dioxide		CO2 BAG 2	Bag 2 Carbon Dioxide	
CREE	Carbon-Related Exhaust Emissions		CO2 BAG 3	Bag 3 Carbon Dioxide	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		CO2 BAG 4	Bag 4 Carbon Dioxide	
NOX	Nitrogen Oxide		NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides	
PM	Particulate Matter		NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides	
PM-COMP	SFTP Composite Particulate Matter		DT-IWRR	Drive Trace Inertia Work Ratio Rating	
HC-NM	Non-methane Hydrocarbon		DT-ASCR	Drive Trace Absolute Speed Change Rating	
OMHCE	Organic material Hydrocarbon Equivalent		DT-EER	Drive Trace Energy Economy Rating	
OMNMHCE	Organic material non-methane HC equivalent		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
NMOG	Non-methane organic gases		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
HCHO	Formaldehyde		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
H3C2HO	Acetaldehyde		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		LEAK-DIA	Effective Leak Diameter (inches)	
CO-COMP	SFTP Composite Carbon Monoxide		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
ETHANOL	C2H5OH - Ethanol		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
FE BAG 1	Bag 1 Fuel Economy		KW-HRS	Integrated DC KW-HRS	
FE BAG 2	Bag 2 Fuel Economy		CH4 BAG 1	Bag 1 Methane	
FE BAG 3	Bag 3 Fuel Economy		CH4 BAG 2	Bag 2 Methane	
FE BAG 4	Bag 4 Fuel Economy		CH4 BAG 3	Bag 3 Methane	
MFR FE	Manufacturer Fuel Economy		CH4 BAG 4	Bag 4 Methane	
HC	Hydrocarbon for Running Loss and ORVR		CO BAG 1	Bag 1 Carbon Monoxide	
METHANE	CH4 - Methane		CO BAG 2	Bag 2 Carbon Monoxide	
METHANOL	CH3OH - Methanol		CO BAG 3	Bag 3 Carbon Monoxide	
N2O	Nitrous Oxide		CO BAG 4	Bag 4 Carbon Monoxide	
SPITBACK	Spitback Hydrocarbon in grams		NMOG BAG 1	Bag 1 Non-methane organic gases	
AMP-HRS	Integrated Amp-hours		NMOG BAG 2	Bag 2 Non-methane organic gases	
START-SOC	System Start State of Charge Watt-hours		NMOG BAG 3	Bag 3 Non-methane organic gases	
END-SOC	System End State of Charge Watt-hours		NMOG BAG 4	Bag 4 Non-methane organic gases	
ACT-DISTANCE	Actual Distance Driven (miles)				
Certification Region					

Certification Summary Information Report

Test Group		VKMXV00.0600		Evaporative/Refueling Family		--	
CA	California + CAA Section 177 states	FA	Federal				
Exhaust Emission Standard Level							
B1	Federal Tier 2 Bin 1	T3B160	Federal Tier 3 Bin 160				
B2	Federal Tier 2 Bin 2	T3B125	Federal Tier 3 Bin 125				
B3	Federal Tier 2 Bin 3	T3B110	Federal Tier 3 Transitional Bin 110				
B4	Federal Tier 2 Bin 4	T3B85	Federal Tier 3 Transitional Bin 85				
B5	Federal Tier 2 Bin 5	T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover				
B6	Federal Tier 2 Bin 6	T3B70	Federal Tier 3 Bin 70				
B7	Federal Tier 2 Bin 7	T3B50	Federal Tier 3 Bin 50				
B8	Federal Tier 2 Bin 8	T3B30	Federal Tier 3 Bin 30				
B9	Federal Tier 2 Bin 9	T3B20	Federal Tier 3 Bin 20				
B10	Federal Tier 2 Bin 10	T3B0	Federal Tier 3 Bin 0				
B11	Federal Tier 2 Bin 11	HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340				
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV2B250	Federal Tier 3 HD Class 2b Bin 250				
L2	California LEV-II LEV	HDV2B200	Federal Tier 3 HD Class 2b Bin 200				
L2OP	California LEV-II LEV Optional	HDV2B170	Federal Tier 3 HD Class 2b Bin 170				
U2	California LEV-II ULEV	HDV2B150	Federal Tier 3 HD Class 2b Bin 150				
S2	California LEV-II SULEV	HDV2B0	Federal Tier 3 HD Class 2b Bin 0				
ZEV	California ZEV	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630				
OT	Other	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570				
T1	Federal Tier 1	HDV3B400	Federal Tier 3 HD Class 3 Bin 400				
PZEV	California PZEV	HDV3B270	Federal Tier 3 HD Class 3 Bin 270				
L2LEV160	California LEV-II LEV160	HDV3B230	Federal Tier 3 HD Class 3 Bin 230				
L2ULEV125	California LEV-II ULEV125	HDV3B200	Federal Tier 3 HD Class 3 Bin 200				
L2SULEV30	California LEV-II SULEV30	HDV3B0	Federal Tier 3 HD Class 3 Bin 0				
L2LEV395	California LEV-II LEV395	L4SULEV100	California LEV-IV SULEV100				
L2ULEV340	California LEV-II ULEV340	L4SULEV125	California LEV-IV SULEV125				
L2LEV630	California LEV-II LEV630	L4SULEV15	California LEV-IV SULEV15				
L2ULEV570	California LEV-II ULEV570	L4SULEV150	California LEV-IV SULEV150				
L3LEV160	California LEV-III LEV160	L4SULEV170	California LEV-IV SULEV170				
L3ULEV125	California LEV-III ULEV125	L4SULEV175	California LEV-IV SULEV175				
L3ULEV70	California LEV-III ULEV70	L4SULEV20	California LEV-IV SULEV20				
L3ULEV50	California LEV-III ULEV50	L4SULEV200	California LEV-IV SULEV200				
L3SULEV30	California LEV-III SULEV30	L4SULEV230	California LEV-IV SULEV230				
L3SULEV20	California LEV-III SULEV20	L4SULEV25	California LEV-IV SULEV25				
L3LEV395	California LEV-III LEV395	L4SULEV30	California LEV-IV SULEV30				
L3ULEV340	California LEV-III ULEV340	L4SULEV75	California LEV-IV SULEV75				
L3ULEV250	California LEV-III ULEV250	L4SULEV85	California LEV-IV SULEV85				
L3ULEV200	California LEV-III ULEV200	L4ULEV125	California LEV-IV ULEV125				

Certification Summary Information Report

Test Group		VKMXV00.0600	Evaporative/Refueling Family		--
L3SULEV170	California LEV-III SULEV170		L4ULEV200	California LEV-IV ULEV200	
L3SULEV150	California LEV-III SULEV150		L4ULEV250	California LEV-IV ULEV250	
L3LEV630	California LEV-III LEV630		L4ULEV270	California LEV-IV ULEV270	
L3ULEV570	California LEV-III ULEV570		L4ULEV40	California LEV-IV ULEV40	
L3ULEV400	California LEV-III ULEV400		L4ULEV400	California LEV-IV ULEV400	
L3ULEV270	California LEV-III ULEV270		L4ULEV50	California LEV-IV ULEV50	
L3SULEV230	California LEV-III SULEV230		L4ULEV60	California LEV-IV ULEV60	
L3SULEV200	California LEV-III SULEV200		L4ULEV70	California LEV-IV ULEV70	
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		
F	2-Wheel Drive, Front	A	All Wheel Drive		
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter	ICI	Independent Commercial Importer		
CSI	Certificate Summary Information	ORVR	Onboard Refueling Vapor Recovery		
DF	Deterioration Factor	SIL	Shift Indicator Light		
Evap	Evaporation, Evaporative	Trans	Transmission		