

Application of Certification – Part 1
2026 Model Year

Test Group: TLMUV00.0NR1

Durability Group: TLMUEEVNNNR1

Evaporative Families: NA

Test Group description: Battery Electric Vehicle

OBD Group: NA

Carlines covered: Lucid Air Pure RWD w/19" wheels

Lucid Air Pure RWD w/20" wheels

Lucid Air Pure RWD w/21" wheels

Applicable Standards: Federal Tier 3 Bin 0 & California LEV3 – ZEV

EPA Response requested by: July 15th 2025

For application related questions, contact: Nitin Rana

nitinrana@lucidmotors.com

Table of Contents

01.00.00 Communications	2
01.01.00 Mailing Information	2
01.01.01 Certification Information.....	2
01.01.02 Responsible Official	2
02.00.00 Confidential Information	3
02.01.00 Statement of Confidentiality	3
02.02.00 Test Vehicle Selection	3
03.00.00 Facilities, equipment, and test procedure	3
03.01.00 Test Procedure	3
03.02.00 Battery Pre-conditioning Procedures	3
04.00.00 (Reserved)	3
05.00.00 (Reserved)	3
06.00.00 Maintenance	4
06.01.00 Test Vehicle Scheduled Maintenance.....	4
06.02.00 Recommended Customer Maintenance Schedule.....	4
06.03.00 Lubricants and Heater Fuels, if any.....	4
07.00.00 Vehicle Emission Control Information (VECI) and Environmental Performance (EP) Labels	5
07.01.00 VECI & Monroney Label locations	5
07.02.00 Sample EP label	6
07.03.00 Statement of Compliance	7
08.08.00 Description of Charger	8
08.08.01 Proper Charging Procedures	8
08.08.02 Power requirements necessary to recharge vehicle	11
08.09.00 Other Unique Features.....	11
08.10.00 Description of Warning System(s) for Maintenance/Malfunction.....	11
08.10.01 Cut-off terminal voltages for prevention of battery damage	11
09.00.00 (Reserved)	12
10.00.00 (Reserved)	12
11.00.00 Starting and Shifting Schedules.....	13
12.00.00 Vehicle Description	15
12.01.00 Motor & Battery Description	15
14.00.00 Request for Certificate.....	16
16.00.00 (Reserved)	18
17.00.00 CALIFORNIA REQUIREMENTS	18

01.00.00 Communications

01.01.00 Mailing Information

01.01.01 Certification Information

Lucid USA, Inc.
7373 Gateway Blvd
Newark CA 94560

01.01.02 Responsible Official

Primary Contact

Gareth Jones
Director, Homologation
Lucid USA Inc.
7373 Gateway Blvd
Newark, CA 94560
(510) 284-5266
Email: garethjones@lucidmotors.com

Secondary Contact

Wulfer de Bruijn
Director, Efficiency & Systems
Lucid USA Inc.
7373 Gateway Blvd
Newark, CA 94560
(650) 336-4520
Email: wulferdebruijn@lucidmotors.com

Additional Contacts

Nitin Rana
Technical Specialist, Homologation
Lucid USA Inc.
7373 Gateway Blvd
Newark, CA 94560
(510) 284-5049
Email: nitinrana@lucidmotors.com

02.00.00 Confidential Information

02.01.00 Statement of Confidentiality

According to Class determination 3-78, the following sections in the below listed Applications are determined by Lucid to be kept as confidential.

08.00.00 General technical description

13.00.00 Projected Sales

15.00.00 Fee Filing Details

02.02.00 Test Vehicle Selection

All variants were tested.

03.00.00 Facilities, equipment, and test procedure

03.01.00 Test Procedure

Testing was conducted at a third-party facility – per SAE J1634 procedure (as Revised 2017) Steady State at 65 mph.

03.02.00 Battery Pre-conditioning Procedures

Cell manufacturers cycle the lithium-ion battery cells before they are assembled into battery modules and then battery packs. No further pre-conditioning needed.

04.00.00 (Reserved)

05.00.00 (Reserved)

06.00.00 Maintenance

Will be provided in Owner's Manual

06.01.00 Test Vehicle Scheduled Maintenance

NA

06.02.00 Recommended Customer Maintenance Schedule

Will be provided in Owner's Manual

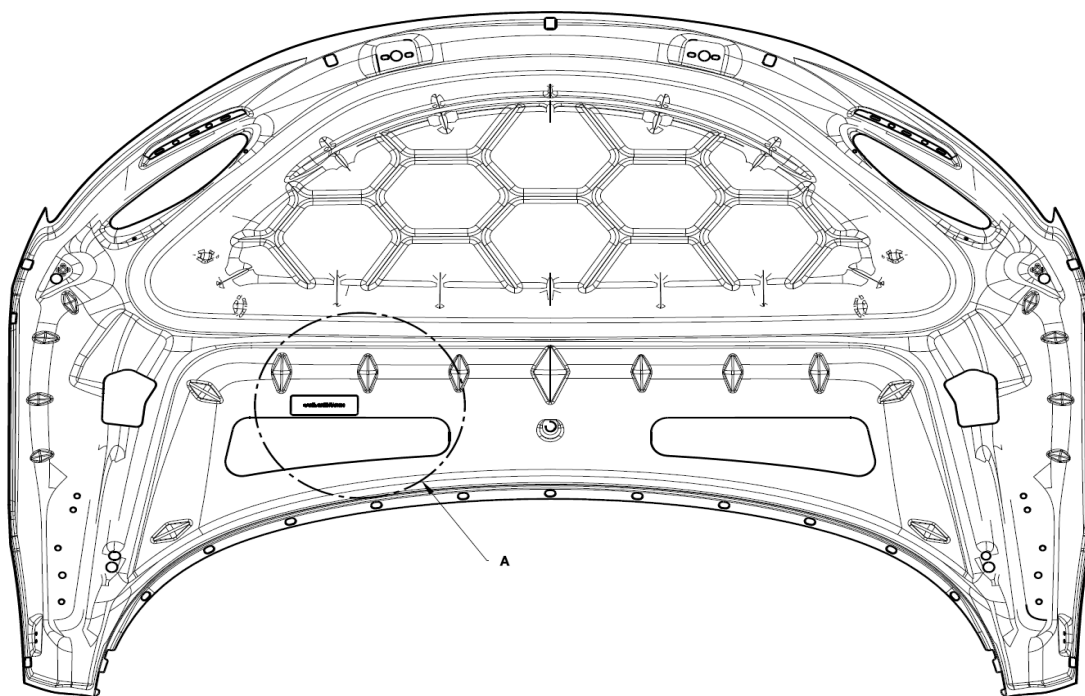
06.03.00 Lubricants and Heater Fuels, if any

Capacity (Front/Rear)	2600 ml/3000 ml
Make	Mobil1
Trade Name	Mobil1 EV Cooldrive 303 (previously known as Mobil 1 LV HP)
Type	Synthetic
Viscosity @ -40C	8000 mPa-s (millipascal-seconds)
Viscosity @ 100C	5.7 cst (centistokes)

07.00.00 Vehicle Emission Control Information (VECI) and Environmental Performance (EP) Labels

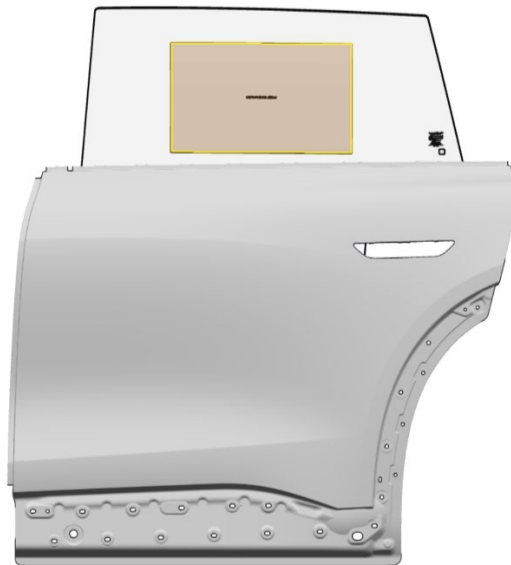
07.01.00 VECI & Monroney Label locations

VECI label is located under the frunk.



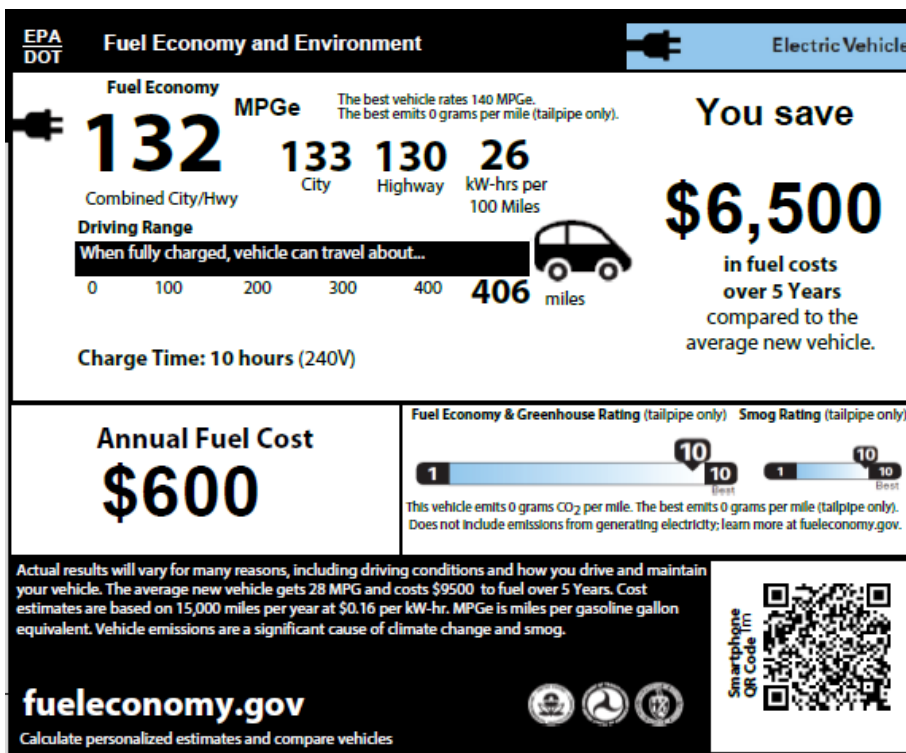
VECI Label Sample

VEHICLE EMISSION CONTROL INFORMATION / INFORMATIONS SUR LE CONTRÔLE DES ÉMISSIONS DU VÉHICULE		LUCID USA, INC. 
THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 2026 MODEL YEAR NEW TIER 3 BIN 0 LIGHT DUTY VEHICLES AND TO CALIFORNIA REGULATIONS APPLICABLE TO 2026 MODEL YEAR NEW ZEV PASSENGER CARS.		MODEL/MODÈLE: 2026 LUCID AIR MOTOR/MOTEUR: 3 PHASE AC TEST GROUP/GROUPE D'ESSAI: TLMUV00.0NR1
CE VÉHICULE EST CONFORME AUX NORMES DE L'U.S. EPA APPLICABLES AUX VÉHICULES LÉGERS TIER 3 BIN 0 DE L'ANNÉE 2026 ET AUX NORMES CALIFORNIENNES APPLICABLES AUX VÉHICULES À ZÉRO ÉMISSIONS DE L'ANNÉE-MODÈLE 2026.		LUCID



Monroney Label is located on the left rear window of the vehicle

07.02.00 Sample EP label





07.03.00 Statement of Compliance

All vehicles within the test group conform to US EPA Federal Tier 3 Bin 0 and State of California regulations applicable to 2026 Model Year new ZEV Light- duty vehicles.

08.08.00 Description of Charger

Lucid Air can accept energy either from a permanent charging station or an outlet installed at the owner's residence or from various available power outlets while at work or other public locations. The Lucid Air is equipped with hardware to send/receive energy from another Lucid vehicle (V2V). (Additional accessories are required to enable this feature).

Depending on trim and configuration, a charging cord should come included with the purchase of a Lucid Air, inclusive of adapters to charge off NEMA 5-15 and 14-50 outlets. These are swappable adapters with the vehicle-side plug being fixed as the SAE J1772 connector. Using the 5-15 outlet, the car can charge up to 1.3kW and with the 14-50 outlet, 9.6kW. This product communicates with the Lucid vehicle to ensure it's only delivering the appropriate available power and ensuring safe conditions to allow charging to occur.

In addition, Lucid plan to offer a more permanent, wall-mounted charging station that can be purchased separately from the vehicle and a licensed electrician will provide guidance on the power level it can be set to, based upon available power at the location of install. This charging station can supply current up to 80A, or 19.2kW, and must be hardwired into the location's electrical panel. The unit will also be able to communicate directly with the vehicle to advise on available power to charge.

The Lucid Air is also capable of accepting DC current up to 500A and 900V from an off-board charging system.

08.08.01 Proper Charging Procedures

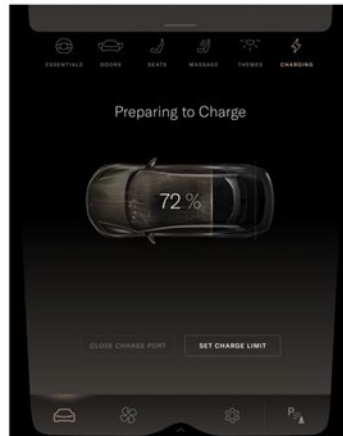
The charging system adjusts automatically to the available AC line voltage, frequency and current, within set parameters. The charging system in the vehicle works in conjunction with either of the three external charging stations; the wall-mounted charging station, permanently installed DC fast charging stations, or the included-with-purchase portable charging cord.

Anytime the charge port door is opened, the vehicle will prepare to enter CHARGE state. Once the user connects either supply cable to the vehicle, the charging system signals to the vehicle that it is ready to deliver the charge. The vehicle locks the cable onto the vehicle and then indicates that it is ready to accept energy and charging will commence. Failure of any of these steps will result in fault condition and lack of charge.

Cable Communicating



Pulsing White Light



Charging



0% - 24%



25% - 49%



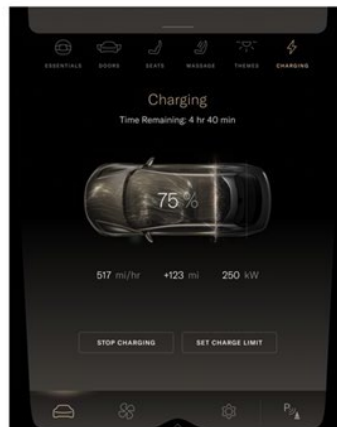
50% - 74%



75% - 99%

Pulsing Green Light

Battery Level Progression Animation



Charging Complete



Solid Green Light



Error State

Check HMI or mobile app for more info



Solid Red Light

If the battery temperature is near or below freezing temperatures, normal charging will not occur. The vehicle will identify this condition and will begin heating the battery coolant and circulating the coolant to raise the battery temperature to enable charge. When the pack temperature rises to a temperature within the allowable charging range, heating will reduce or



stop, and charging will commence. The vehicle may also pull power from the source to heat the coolant without adding charge to the vehicle's battery itself.

A charging cord will be provided as per CCR, Title 13, Section 1962.3 requirements.

08.08.02 Power requirements necessary to recharge vehicle

The Lucid Air comes with one on-board charger that is capable of a maximum of 80A, or 19.2kW.

08.09.00 Other Unique Features

The Lucid Air can additionally support charging in forms of Vehicle to Vehicle (V2V) (Optional - Additional accessories are required to enable these features).

08.10.00 Description of Warning System(s) for Maintenance/Malfunction

The Lucid Air is equipped with an LED bar next to the charging port to advise on issues and/or errors during the charging session, as well as charging progress. Additional details on the specific issues can be found within the owner's manual for the vehicle.

08.10.01 Cut-off terminal voltages for prevention of battery damage

The Battery Management System (BMS) monitors battery pack voltage by way of voltage sensors on each of the battery modules within the pack. It monitors these voltages continually to ensure the safe limits of operation of the battery cells. In the event of other systems in the Powertrain exhibiting a spike in voltage or current, the battery will self-protect by opening contactors and disabling the entire high voltage system in the vehicle.

LUCID

09.00.00 (Reserved)

10.00.00 (Reserved)

11.00.00 Starting and Shifting Schedules

Starting: The vehicle does not require a key to be turned on or a button to be pressed to start it. If a paired key fob, NFC card or phone is recognized when the driver's door is opened, the Cockpit and Pilot panels will power on indicating the vehicle is ready to operate.

Drive mode: While seating in the driver's seat, press the brake pedal to put the car in Drive mode. The vehicle will search for a recognized keyfob, NFC card or phone. If a known device is detected, the vehicle can start. If no known device is detected, a message will be displayed on the instrument cluster "Keyfob not detected."

The display on the instrument cluster will change to show the Speedometer, Power meter and the PRND display. The indicator lights will briefly illuminate as a system check and then extinguish unless applicable.

The drive mode enabled indicator (telltale) will be displayed on the instrument cluster.

Selecting a Gear:

With the vehicle in Drive mode, move the right steering column lever up or down to select a gear. The instrument cluster will show the currently selected gear.

To select a gear when the vehicle is in P (Park), you must also press the brake pedal.

Note: If you try to select a gear when the current vehicle speed prohibits a gear change, a chime will sound, and a message will be displayed on the instrument cluster.

R (Reverse)

Push the lever up and release to select R. R can only be selected when the vehicle is stationary, or its forward speed is less than 5 mph (8 km/h).

N (Neutral)

Allows the vehicle to roll freely unless the brakes are applied. Push the lever up or down from the currently selected gear and release to select N.

Note: You must apply the brake pedal before D or R can be selected.

D (Drive)

Push the lever down and release to select D. You can only select D when the vehicle is stationary, or its speed is less than 5 mph (8 km/h) in reverse.

P (Park)

When P is selected, the parking brake is automatically applied.

With the vehicle stationary, you should press the end of the gear selector to select P.

Note: P is automatically engaged whenever you connect a charging cable to the charging port. This is to prevent the vehicle being moved while still connected.

Note: If the vehicle is in D or R, P will automatically be selected if you open the driver's door and get up from the driver's seat.

12.00.00 Vehicle Description

Carline	ETW (lbs.)	Tire Sizes	F0 [lbf]	F1 [lbf/(mph)]	F2 [lbf/(mph) ²]	TRL50	N/V	Axle Ratio
Air Pure RWD w/21" wheels	4750	HL245/35R21 (F) HL245/35R21 (R)	30.75	0.1840	0.01396	10.1	114	Rear - 8.73:1

12.01.00 Motor & Battery Description

Parameter	Air Pure RWD
Drive motor Type (Front)	NA
Drive motor Type (Rear)	Permanent Magnet AC Motor
Number of Drive Motor (s)/ Drive Units	1
Rated Motor Power (KW) Front / Rear	330
Drive type	RWD
Regenerative Braking (Yes/No)	Yes
Driver Controlled Regen Braking (Yes/No)	Yes
Rated Horsepower (hp)	430
Number of Battery Modules	16
Total number of Cells	4800
Nominal Battery Energy Capacity (kWh)	84
Nominal voltage (V)	580

14.00.00 Request for Certificate

Mr. William Ott
Compliance Division Office
of Mobile Sources
U. S. Environmental Protection Agency 2000
Traverwood Drive
Ann Arbor, MI 48105

Subject: Request for Certificate of Conformity – Lucid USA, Inc. 2026 Test Group
TLMUV00.0NR1

Dear Mr. Ott,

Lucid hereby submits, with this letter, the model year 2026 application for Certificate of Conformity for the following Test Group: TLMUV00.0NR1

EPA Standard: Tier 3 Bin 0 Federal California
Standard: LEV III ZEV California

Certification Fee Filing Form Copy of the Certification Fee filing form is added in section 15 of the electronic application.

Lucid believes all vehicles within this test group comply with all applicable regulations and are in accordance with the provisions of 40 CFR 86.

Our final application is included in the electronic application.

Please review this information and reach out if you have any questions regarding the request for a Certificate of Conformity.



Sincerely,
Wulfer De Bruijn

Ms. Robin U. Lang, Chief
Emissions Certification and Compliance Division Air
Resources Board

Dear Ms. Lang:

Subject: Request for Executive Order – Lucid USA, Inc.
2026 Test Group TLMUV00.0NR1

Lucid USA, Inc. requests that CARB issue an Executive Order for the TLMUV00.0NR1 test group. Lucid requests that the CARB treat the information contained in this application, or information subsequently submitted for inclusion in this application, as confidential business information pursuant to the California Public Records Act and Sections 91000-91022 of Title 17 of the California Code of Regulations. All vehicles within the test group conform to the State of California regulations applicable to 2026 Model Year new ZEV passenger cars.

The new EPA certificate of conformity for this test group will be submitted to e- FILE when it becomes available.

Please review this information and reach out if you have any questions regarding the request for an executive order.



Sincerely,

Wulfer De Bruijn

16.00.00 (Reserved)

17.00.00 CALIFORNIA REQUIREMENTS

Statement of Compliance

Lucid states, this Test Group containing All Electric Vehicles in this application, tailpipe emissions of regulated pollutants from which are deemed to be zero with reference to 40 CFR 86.1829-15(f), based on our engineering judgement, comply with all the requirements of 40 CFR Part 86 Subpart S instead of submitting test data as allowed by § 86.1829-01(b)(4) and 40 CFR 86.1829-15(f).

This vehicle conforms to US EPA Federal Tier 3 Bin 0 and State of California regulations applicable to 2026 Model Year new ZEV Light-duty Vehicles.

Test Group: TLMUV00.0NR1

Information provided in Supplemental Data Sheet

VEHICLE SAFETY

All information related to the safe operation of the vehicle can be found in the Vehicle Owner's Manual Handbook. It will be submitted when it becomes available.

SAFE HANDLING OF BATTERY SYSTEM

Handling

Pack should not be exposed to external abuse such as, but not limited to mechanical compression, puncturing, external short circuit, overcharge or over discharge. They should be kept within normal operating temperature, i.e. -30 to + 60°C.

The pack is protected from external mechanical aggression by a robust casing which is isolated from the High Voltage traction chain. The pack enclosure should not be opened since it would expose live high voltage parts.

The cells contained within the pack are hermetically sealed and will not expose electrolyte or electrode material.

Storage

Battery packs should be stored in their packaging or in appropriate racks designed for that purpose. The packs should not be exposed to heat source or direct sunlight for a long period of time. They should also be protected from rain or snowfall by being stored indoors.

Battery crates should not be stacked by more than 2 packages high. To preserve the battery life cycle, storage at SOC higher than 50% and temperature higher than 60°C is not recommended.

Transport

Lithium-ion batteries are regulated as Class 9 Miscellaneous dangerous goods (also known as "hazardous materials") pursuant to the International Civil Aviation Organization. (ICAO) Technical Instructions for the Safe Transport of Dangerous Goods by Air, International Air Transport Association (IATA) Dangerous Goods Regulations, the International Maritime Dangerous Goods (IMDG) Code, European Agreements concerning the International Carriage of Dangerous Goods by Rail (RID) and Road (ADR), and applicable national regulations such as the USA's hazardous materials regulations (see 49 CFR 173.185).

Supplemental Data Sheet

Please refer to e-file and CBI application.

Certification Summary Information Report

Manufacturer	Lucid USA, Inc.	Manufacturer Code	LMU
Test Group	TLMUV00.0NR1	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	07/01/2025 02:24:05 PM
Model Year	2026		

Test Group Information

CSI Type	New	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	Yes	Federal Clean Fuel Vehicle Standard	ZEV
Federal Clean Fuel Vehicle ILEV	Yes	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	RLMUEEVNNR1	Durability Group Equivalency Factor	1
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	--
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TLMUV00.0NR1
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	--		
Mfr Test Group Comments	--		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Lucid USA, Inc.	2 - Lucid USA Inc.	15 - Air Pure RWD w/20" wheels	Federal	2-Wheel Drive, Rear	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	16 - Air Pure RWD w/21" wheels	Federal	2-Wheel Drive, Rear	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	16 - Air Pure RWD w/21" wheels	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	14 - Air Pure RWD w/19" wheels	Federal	2-Wheel Drive, Rear	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	15 - Air Pure RWD w/20" wheels	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	14 - Air Pure RWD w/19" wheels	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No

Engine Description

Hybrid Type	--
Engine Type	--
Engine Block Arrangement	--
Camless Valvetrain Indicator	--
Number of Cylinders/Rotors	--
Hybrid Description	--
Mfr Engine Description	--
Mfr Engine Block Arrangement Description	--
Oil Viscosity/Classification	--
Mechanically Variable Compression Ratio Indicator	--

After Treatment Device(s) (ATD)

Mfr After Treatment Device (ATD) Comments	--
Direct Ozone Reduction (DOR) Device	--
Mfr Emission Control Device Comments	--

Official Test Numbers

Test Group	Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity		--	--	--	--	--	--	--	--	--	--

Official Charge Depleting Test Numbers

Test Group Fuel	UDDS	Highway
Electricity	--	--

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargable Energy Storage System	Battery(s)	Rechargable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	580	Battery Energy Capacity	155
Battery Specific Energy	161.2	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	Both	Driver Controlled Regenerative Braking	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	Permanent Magnet AC Motor	Rated Motor/Generator Power	330
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--																														
Emission Data Vehicle Information																																	
Vehicle ID / Configuration	202500034 / 0	Manufacturer Vehicle Configuration Number	1																														
Original Test Group Name	SLMUV00.0NR1	Original Evaporative/Refueling Family	--																														
Original Test Vehicle Model Year	2025																																
Vehicle Model																																	
Represented Test Vehicle Make	2025	Represented Test Vehicle Model	Air Pure RWD w/20" wheels																														
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	1	Odometer Correction Factor	1																														
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles																																
Odometer Correction Units	Miles																																
Engine Code	NR1	Rated Horsepower	430																														
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, Rear																														
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)																														
Curb Weight (lbs)	4564	Equivalent Test Weight (pounds)	4750																														
GVWR (lbs)	5562	N/V Ratio	114																														
Axle Ratio	8.73																																
Transmission Type	Automatic	# of Transmission Gears	1																														
Transmission Lockup	No	Creep Gear	No																														
Dynamometer Coefficients:																																	
	<table border="1"> <thead> <tr> <th colspan="3">Target Coefficients</th> <th colspan="3">Set Coefficients</th> <th rowspan="2">EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</th> </tr> <tr> <th>Coefficient Category</th> <th>A (lbf)</th> <th>B (lbf/mph)</th> <th>C (lbf/mph**2)</th> <th>A (lbf)</th> <th>B (lbf/mph)</th> <th>C (lbf/mph**2)</th> </tr> </thead> <tbody> <tr> <td>City/Highway/Evap</td> <td>30.19</td> <td>0.1119</td> <td>0.01396</td> <td>-4.64</td> <td>-0.1323</td> <td>0.01387</td> <td>9.4</td> </tr> <tr> <td>US06</td> <td>30.19</td> <td>0.1119</td> <td>0.01396</td> <td>-4.64</td> <td>-0.1323</td> <td>0.01387</td> <td>N/A</td> </tr> </tbody> </table>			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	30.19	0.1119	0.01396	-4.64	-0.1323	0.01387	9.4	US06	30.19	0.1119	0.01396	-4.64	-0.1323	0.01387	N/A
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	30.19	0.1119	0.01396	-4.64	-0.1323	0.01387	9.4																										
US06	30.19	0.1119	0.01396	-4.64	-0.1323	0.01387	N/A																										

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--															
Emission Control Device Comments	--																	
Manufacturer Test Vehicle Comments	--																	
Test #	SLMU10086318	Test Procedure	2 - CVS 75 and later (w/o can. load)															
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity															
Test Date	04/01/2024	Fuel	N/A															
Fuel Batch ID	--	Fuel Calibration Number	--															
Vehicle Class	N/A	DF Type	Mfr. Assigned															
Verify Test Lab ID	FEV North America Inc. Vehicle Development Center																	
E10 Evaporative Test Measurement Method	--																	
Test Start Odometer Reading	3854	Odometer Units	M															
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--															
State of Charge Delta	--																	
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 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 (kilowatt-hour per 100 miles)</th> </tr> </thead> <tbody> <tr> <td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td> <td>-0.56645</td> <td>--</td> </tr> <tr> <td>DT-EER (Drive Trace Energy Economy Rating)</td> <td>-0.63448</td> <td>--</td> </tr> <tr> <td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td> <td>-1.06844</td> <td>--</td> </tr> <tr> <td>MFR FE (Manufacturer Fuel Economy)</td> <td>999</td> <td>3.3738739</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.56645	--	DT-EER (Drive Trace Energy Economy Rating)	-0.63448	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.06844	--	MFR FE (Manufacturer Fuel Economy)	999	3.3738739
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)																
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.56645	--																
DT-EER (Drive Trace Energy Economy Rating)	-0.63448	--																
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.06844	--																
MFR FE (Manufacturer Fuel Economy)	999	3.3738739																
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CREE/OPT-CREE</th> </tr> </thead> <tbody> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	0	0									
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE																
Carbon-Related Exhaust Emissions	0	0																
Manufacturer Test Comments	DC energy consumption Phase 1 = 198.4 Wh/mi; Phase 2 = 165.5 Wh/mi; Phase 3 = 186. Wh/mi;																	

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--															
Test #	SLMU10086319	Test Procedure	3 - HWFE															
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity															
Test Date	04/01/2024	Fuel	N/A															
Fuel Batch ID	--	Fuel Calibration Number	--															
Vehicle Class	N/A	DF Type	Mfr. Assigned															
Verify Test Lab ID	FEV North America Inc. Vehicle Development Center																	
E10 Evaporative Test Measurement Method	--																	
Test Start Odometer Reading	3854	Odometer Units	M															
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--															
State of Charge Delta	--																	
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 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 (kilowatt-hour per 100 miles)</th> </tr> </thead> <tbody> <tr> <td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td> <td>-0.06203</td> <td>--</td> </tr> <tr> <td>DT-EER (Drive Trace Energy Economy Rating)</td> <td>-0.43928</td> <td>--</td> </tr> <tr> <td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td> <td>0.85724</td> <td>--</td> </tr> <tr> <td>MFR FE (Manufacturer Fuel Economy)</td> <td>999</td> <td>3.3738739</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.06203	--	DT-EER (Drive Trace Energy Economy Rating)	-0.43928	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.85724	--	MFR FE (Manufacturer Fuel Economy)	999	3.3738739
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)																
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.06203	--																
DT-EER (Drive Trace Energy Economy Rating)	-0.43928	--																
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.85724	--																
MFR FE (Manufacturer Fuel Economy)	999	3.3738739																
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CREE/OPT-CREE</th> </tr> </thead> <tbody> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	0	0									
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE																
Carbon-Related Exhaust Emissions	0	0																
Manufacturer Test Comments	DC energy consumption = 180.89 Wh/mi																	

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--																		
Test #	SLMU10086322	Test Procedure	90 - US06																		
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																		
Test Date	04/01/2024	Fuel	N/A																		
Fuel Batch ID	--	Fuel Calibration Number	--																		
Vehicle Class	N/A	DF Type	Mfr. Assigned																		
Verify Test Lab ID	FEV North America Inc. Vehicle Development Center																				
E10 Evaporative Test Measurement Method	--																				
Test Start Odometer Reading	3854	Odometer Units	M																		
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																		
State of Charge Delta	--																				
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 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 (kilowatt-hour per 100 miles)</th> </tr> </thead> <tbody> <tr> <td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td> <td>-0.74668</td> <td>--</td> </tr> <tr> <td>DT-EER (Drive Trace Energy Economy Rating)</td> <td>-0.66751</td> <td>--</td> </tr> <tr> <td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td> <td>-1.48552</td> <td>--</td> </tr> <tr> <td>MFR FE (Manufacturer Fuel Economy)</td> <td>999</td> <td>3.3738739</td> </tr> <tr> <td>HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)</td> <td>999</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.74668	--	DT-EER (Drive Trace Energy Economy Rating)	-0.66751	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.48552	--	MFR FE (Manufacturer Fuel Economy)	999	3.3738739	HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	999	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)																			
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.74668	--																			
DT-EER (Drive Trace Energy Economy Rating)	-0.66751	--																			
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.48552	--																			
MFR FE (Manufacturer Fuel Economy)	999	3.3738739																			
HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	999	--																			
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CREE/OPT-CREE</th> </tr> </thead> <tbody> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	0	--												
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE																			
Carbon-Related Exhaust Emissions	0	--																			
Manufacturer Test Comments	DC energy consumption Phase 1 (Highway) = 233.79 Wh/mi; Phase 2 (City) = 266.96 Wh/mi																				

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--
Test #	SLMU10086325	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/01/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Assigned
Verify Test Lab ID	FEV North America Inc. Vehicle Development Center		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3854	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.32709	--
DT-EER (Drive Trace Energy Economy Rating)	-0.6989	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.71917	--
HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	999	--

Manufacturer Test Comments

DC energy consumption = 240.98 Wh/mi

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--
Test #	SLMU10086328	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/01/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Assigned
Verify Test Lab ID	FEV North America Inc. Vehicle Development Center		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3854	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	15.2
Charge Depleting Range (Calculated miles)	14.86	Charge Depleting Range (Actual miles)	14.86
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.86
Number of Charge Depleting Bags/Phases Conducted	1	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		3.58	
Drive Trace Absolute Speed Change Rating		0.49	
Drive Trace Energy Economy Rating		0.57	
Drive Trace Inertia Work Ratio Rating		1.16	
Integrated DC KW-HRS		1.1202	
Manufacturer Test Comments	DC energy consumption Phase 1 = 313.00 Wh/mi; Phase 2 = 320.78 Wh/mi Phase 3 = 279.80 Wh/mi; Phase 4 = 253.65 Wh/mi		

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--																
Test #	SLMU10086342	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	04/03/2024	Fuel	Electricity																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Assigned																
Verify Test Lab ID	FEV North America Inc. Vehicle Development Center																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	3954	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	--																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	100.4																
Charge Depleting Range (Calculated miles)	524	Charge Depleting Range (Actual miles)	524																
Charge Depleting Range Highway (Calculated miles)	487.27	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	524																
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>7.471</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.05</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.74</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.04</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.4122</td></tr><tr><td>Manufacturer Fuel Economy</td><td>18.904</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.471	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.05	Drive Trace Energy Economy Rating	0.74	Drive Trace Inertia Work Ratio Rating	2.04	Integrated DC KW-HRS	1.4122	Manufacturer Fuel Economy	18.904
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.471																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.05																		
Drive Trace Energy Economy Rating	0.74																		
Drive Trace Inertia Work Ratio Rating	2.04																		
Integrated DC KW-HRS	1.4122																		
Manufacturer Fuel Economy	18.904																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	TLMUV00.0NR1	Evaporative/Refueling Family	--																
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.263</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>4.35</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.46</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>5.26</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.8829</td></tr><tr><td>Manufacturer Fuel Economy</td><td>18.347</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.263	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	4.35	Drive Trace Energy Economy Rating	0.46	Drive Trace Inertia Work Ratio Rating	5.26	Integrated DC KW-HRS	1.8829	Manufacturer Fuel Economy	18.347		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.263																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	4.35																		
Drive Trace Energy Economy Rating	0.46																		
Drive Trace Inertia Work Ratio Rating	5.26																		
Integrated DC KW-HRS	1.8829																		
Manufacturer Fuel Economy	18.347																		
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>7.448</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.08</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.57</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.21</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2962</td></tr><tr><td>Manufacturer Fuel Economy</td><td>17.404</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.448	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.08	Drive Trace Energy Economy Rating	0.57	Drive Trace Inertia Work Ratio Rating	2.21	Integrated DC KW-HRS	1.2962	Manufacturer Fuel Economy	17.404		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.448																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.08																		
Drive Trace Energy Economy Rating	0.57																		
Drive Trace Inertia Work Ratio Rating	2.21																		
Integrated DC KW-HRS	1.2962																		
Manufacturer Fuel Economy	17.404																		
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>339.456</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>3.59</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.17</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>7.08</td></tr><tr><td>Integrated DC KW-HRS</td><td>72.6072</td></tr><tr><td>Manufacturer Fuel Economy</td><td>21.389</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	339.456	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.59	Drive Trace Energy Economy Rating	0.17	Drive Trace Inertia Work Ratio Rating	7.08	Integrated DC KW-HRS	72.6072	Manufacturer Fuel Economy	21.389		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	339.456																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	3.59																		
Drive Trace Energy Economy Rating	0.17																		
Drive Trace Inertia Work Ratio Rating	7.08																		
Integrated DC KW-HRS	72.6072																		
Manufacturer Fuel Economy	21.389																		
Charge Depleting Bag/Phase #5																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.427</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>1.08</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.87</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1876</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.991</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.427	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.42	Drive Trace Energy Economy Rating	1.08	Drive Trace Inertia Work Ratio Rating	2.87	Integrated DC KW-HRS	1.1876	Manufacturer Fuel Economy	15.991		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.427																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.42																		
Drive Trace Energy Economy Rating	1.08																		
Drive Trace Inertia Work Ratio Rating	2.87																		
Integrated DC KW-HRS	1.1876																		
Manufacturer Fuel Economy	15.991																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TLMUV00.0NR1	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-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.62</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>3.01</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.7797</td></tr><tr><td>Manufacturer Fuel Economy</td><td>17.364</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.249	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.62	Drive Trace Energy Economy Rating	0.28	Drive Trace Inertia Work Ratio Rating	3.01	Integrated DC KW-HRS	1.7797	Manufacturer Fuel Economy	17.364
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.249																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.62																		
Drive Trace Energy Economy Rating	0.28																		
Drive Trace Inertia Work Ratio Rating	3.01																		
Integrated DC KW-HRS	1.7797																		
Manufacturer Fuel Economy	17.364																		
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>7.437</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.6</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.21</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.7</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2125</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.303</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.437	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.6	Drive Trace Energy Economy Rating	1.21	Drive Trace Inertia Work Ratio Rating	2.7	Integrated DC KW-HRS	1.2125	Manufacturer Fuel Economy	16.303
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.437																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.6																		
Drive Trace Energy Economy Rating	1.21																		
Drive Trace Inertia Work Ratio Rating	2.7																		
Integrated DC KW-HRS	1.2125																		
Manufacturer Fuel Economy	16.303																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>25.849</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99.9</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>4.53</td></tr><tr><td>Integrated DC KW-HRS</td><td>5.6271</td></tr><tr><td>Manufacturer Fuel Economy</td><td>21.769</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	25.849	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.9	Drive Trace Energy Economy Rating	-0.3	Drive Trace Inertia Work Ratio Rating	4.53	Integrated DC KW-HRS	5.6271	Manufacturer Fuel Economy	21.769
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	25.849																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99.9																		
Drive Trace Energy Economy Rating	-0.3																		
Drive Trace Inertia Work Ratio Rating	4.53																		
Integrated DC KW-HRS	5.6271																		
Manufacturer Fuel Economy	21.769																		
Manufacturer Test Comments																			
--																			

Certification Summary Information Report

Test Group	TLMUV00.0NR1				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	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	1	0	--	--
Fuel Properties												

Certification Summary Information Report

Test Group		TLMUV00.0NR1			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			Charge Depleting UDDS	
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	--	--	--	--	--	1	--	0
150,000 miles	CO-COMP	--	--	--	--	--	1	--	0
150,000 miles	CREE	--	--	--	--	--	1	--	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	--	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	--	--	--	--	--	1	--	0
150,000 miles	CO-COMP	--	--	--	--	--	1	--	0
150,000 miles	CREE	--	--	--	--	--	1	--	0
150,000 miles	HC-NM+NOX-COMP	--	--	--	--	--	1	--	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			Charge Depleting UDDS	
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	--	--	--	--	--	1	--	0
150,000 miles	CO-COMP	--	--	--	--	--	1	--	0
150,000 miles	CREE	--	--	--	--	--	1	--	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	--	0

Certification Summary Information Report

Test Group	TLMUV00.0NR1				Evaporative/Refueling Family			--	
Cert Region	Federal				Cert/In-Use Code			Cert	
Vehicle Class	LDV/Passenger Car				Standard Level			Federal Tier 3 Bin 0	
Fuel	Electricity				Test Procedure			Charge Depleting Highway	
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	--	--	--	--	--	1	--	0
150,000 miles	CO-COMP	--	--	--	--	--	1	--	0
150,000 miles	CREE	--	--	--	--	--	1	--	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	--	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			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	--	--	--	--	--	1	--	0

Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Cert	
Vehicle Class	LDV/Passenger Car				Standard Level			California ZEV	
Fuel	Electricity				Test Procedure			Multi-Cycle Test (MCT)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	--	0
150,000 miles	CO-COMP	--	--	--	--	--	1	--	0
150,000 miles	CREE	--	--	--	--	--	1	--	0
150,000 miles	HC-NM+NOX-COMP	--	--	--	--	--	1	--	0

Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Cert	
Vehicle Class	LDV/Passenger Car				Standard Level			California ZEV	
Fuel	Electricity				Test Procedure			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	--	--	--	--	--	1	--	0

Certification Summary Information Report

Test Group		TLMUV00.0NR1			Evaporative/Refueling Family			--		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			California ZEV		
Fuel		Electricity			Test Procedure			Charge Depleting Highway		
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	--	--	--	--	--	1	--	0
150,000 miles		CO-COMP	--	--	--	--	--	1	--	0
150,000 miles		CREE	--	--	--	--	--	1	--	0
150,000 miles		NMOG+NOX-COMP	--	--	--	--	--	1	--	0

Certification Summary Information Report

Test Group		TLMUV00.0NR1	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		TLMUV00.0NR1		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		TLMUV00.0NR1	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		