Office

7373 Gateway Blvd, Newark, CA 94560 650 802 8181

Application of Certification – Part 1

2026 Model Year

Test Group: TLMUJ00.0GL2

Durability Group: TLMUEEVNNGL2

Evaporative Families: NA

Test Group description: Battery Electric Vehicle

OBD Group: NA

Carlines covered: Lucid Gravity GT w/20F21R wheels (2R)

Lucid Gravity GT w/21F22R wheels (2R)

Lucid Gravity GT w/22F23R wheels (2R)

Lucid Gravity GT w/20F21R wheels (3R)

Lucid Gravity GT w/21F22R wheels (3R)

Lucid Gravity GT w/22F23R wheels (3R)

Lucid Gravity Dream w/20F21R wheels (3R)

Lucid Gravity Dream w/21F22R wheels (3R)

Lucid Gravity Dream w/22F23R wheels (3R)

Lucid Gravity Touring w/20F21R wheels

Lucid Gravity Touring w/21F22R wheels

Lucid Gravity Touring w/22F23R wheels

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

EPA Response requested by: September 12th 2025

For application related questions, contact: Nitin Rana

nitinrana@lucidmotors.com

Table of Contents

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

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Secondary Contact

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Additional Contacts

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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	Valvoline
Trade Name	Valvoline XLV FS
Type	Synthetic
Viscosity @ -40C	1158.37 mPa-s (millipascal-seconds)
Viscosity @ 100C	3.65 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 / LUCID USA, INC.
INFORMATIONS SUR LE CONTRÔLE DES ÉMISSIONS DU VÉHICULE

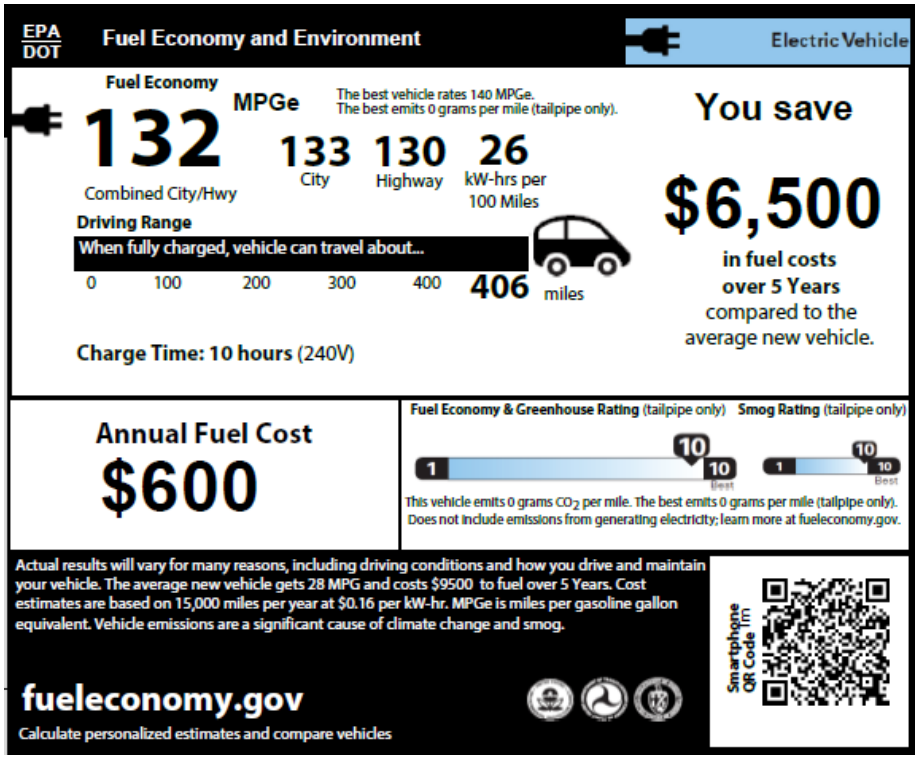
THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 2026 MODEL YEAR NEW TIER 3 BIN 0 LIGHT-DUTY VEHICLES AND TO CALIFORNIA REGULATIONS APPLICABLE TO 2026 MODEL YEAR NEW ZEV PASSENGER CARS AND LIGHT-DUTY TRUCKS.

CE VÉHICULE EST CONFORME AUX RÉGLEMENTATIONS DE L'EPA DES ÉTATS-UNIS APPLICABLE AU MODÈLE DE L'ANNÉE 2026 – NOUVELLE NORME TIER 3 BIN 0 VÉHICULES LÉGERS ET CONFORME AUX RÉGLEMENTATIONS DE LA CALIFORNIE APPLICABLE AU MODÈLE DE L'ANNÉE 2026 – NOUVEAU VÉHICULE PARTICULIER ZÉRO ÉMISSION (ZEV) VOITURES ET CAMIONS LÉGERS.

MODEL/MODÈLE:
2026 LUCID GRAVITY
MOTOR/MOTEUR: 3 PHASE AC
TEST GROUP/GROUPE D'ESSAI:
TLMUJ00.0GL2

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 Passenger Cars and Light-Duty Trucks.

08.08.00 Description of Charger

Lucid Gravity 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 Gravity is equipped with hardware to send/receive energy from another Lucid vehicle (V2V). (Additional accessories are required to enable this feature).

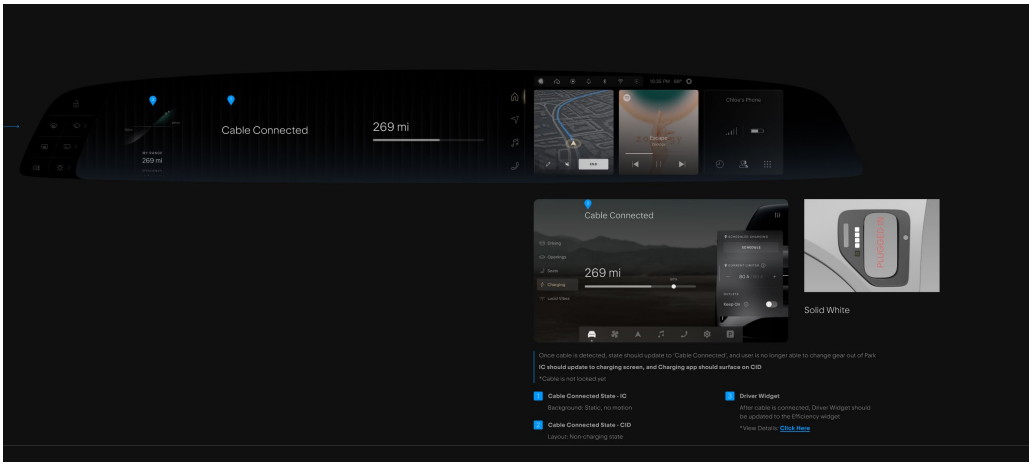
The Lucid mobile charger, available as a separate purchasable accessory, allows the Lucid Gravity to be charged at residential locations through NEMA 5-15 and 14-50 outlets. These are swappable adapters with the vehicle-side plug being fixed as the SAE J3400 (NACS) connector. Using the 5-15 outlet, the 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 offers 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 Gravity is also capable of accepting DC current up to 350 kW.

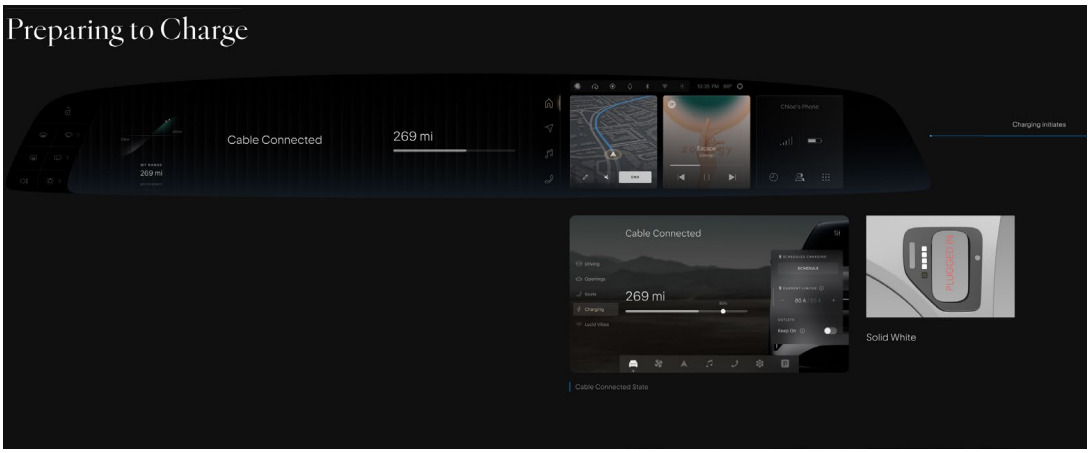
08.08.01 Proper Charging Procedures

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.

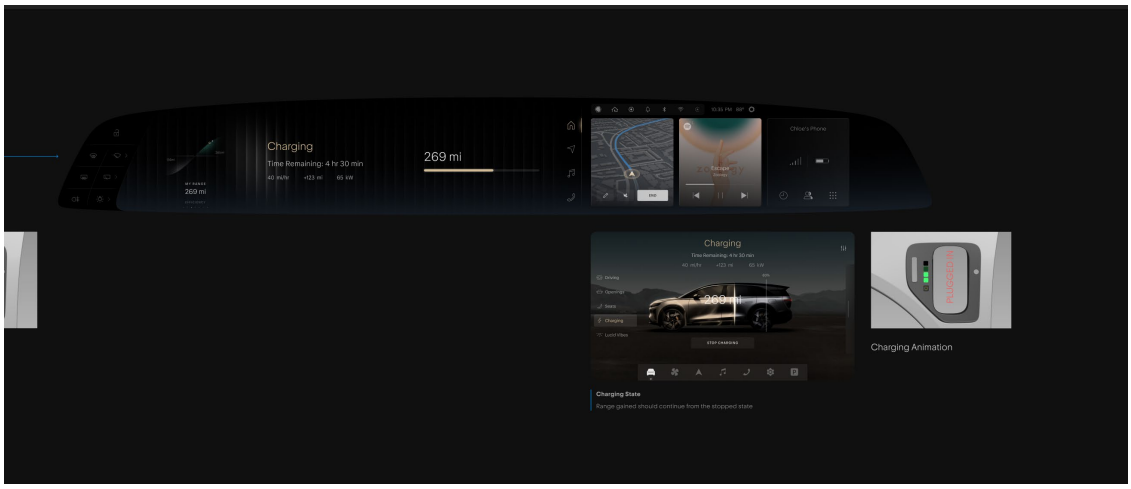
1. Cable Connected:



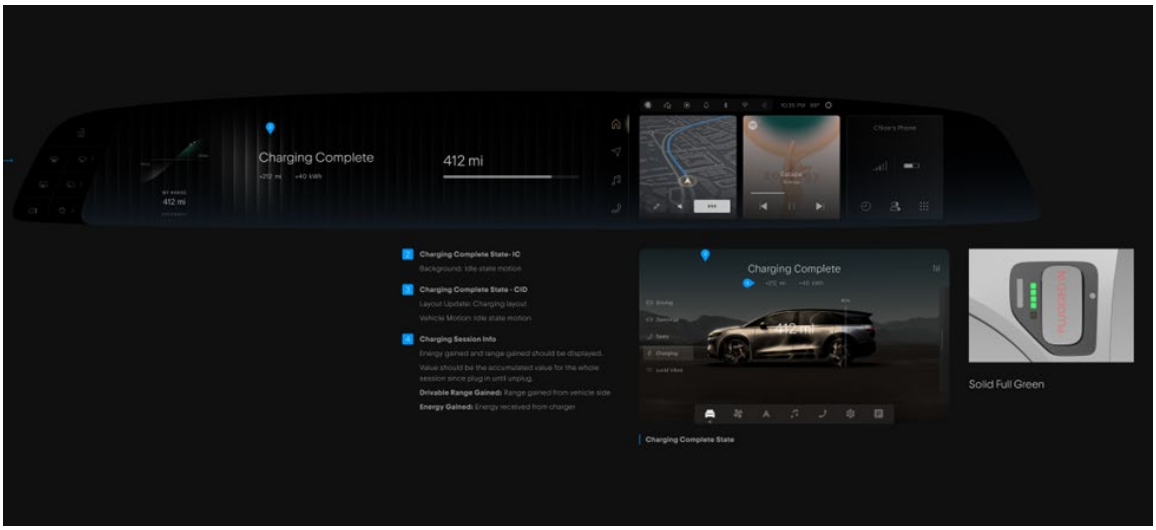
2. Preparing to Charge:



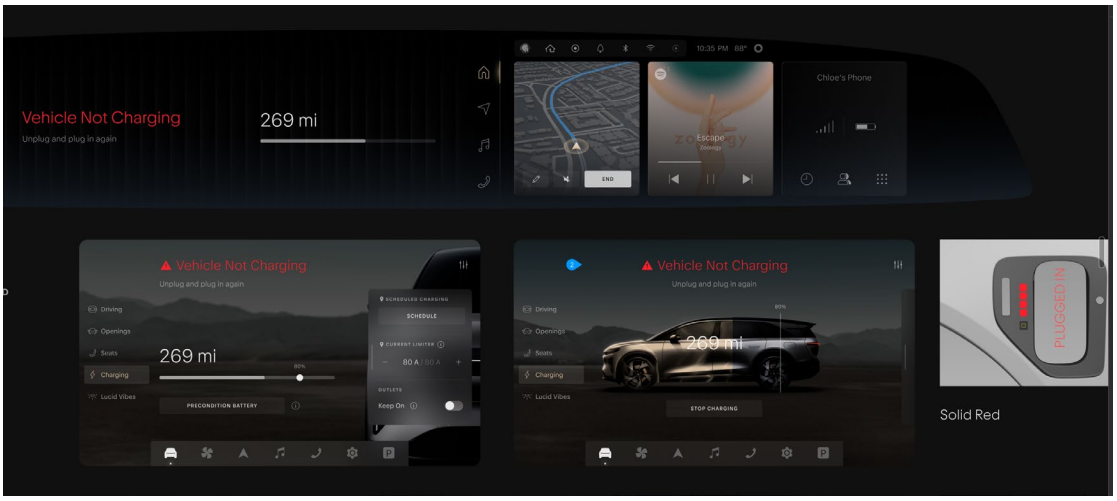
3. Charging:



4. Charging complete:



5. Charging Error:



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.

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.

08.08.02 Power requirements necessary to recharge vehicle

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

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

The Lucid Gravity 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.

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	Axle Ratio
Gravity GT w/20F21R wheels (2R)	6000	FR: 265/50R20 RR: 285/45R21	33.63	0.0230	0.02084	11	7.06:1(F) 8.7:1 (R)
Gravity GT w/21F22R wheels (2R)	6000	FR: 265/45ZR21 RR: 285/40ZR22	42.59	0.0318	0.02143	13	7.06:1(F) 8.7:1 (R)
Gravity GT w/22F23R wheels (2R)	6000	FR: 265/40R22 RR: 285/35R23	42.59	0.0318	0.02143	13	7.06:1(F) 8.7:1 (R)
Gravity GT w/20F21R wheels (3R)	6500	FR: 265/50R20 RR: 285/45R21	36.44	0.0249	0.02107	12	7.06:1(F) 8.7:1 (R)
Gravity GT w/21F22R wheels (3R)	6500	FR: 265/45ZR21 RR: 285/40ZR22	46.14	0.0344	0.02174	13.6	7.06:1(F) 8.7:1 (R)
Gravity GT w/22F23R wheels (3R)	6500	FR: 265/40R22 RR: 285/35R23	46.14	0.0344	0.02174	13.6	7.06:1(F) 8.7:1 (R)
Gravity Dream w/20F21R wheels (3R)	6500	FR: 265/50R20 RR: 285/45R21	36.44	0.0249	0.02107	12	7.06:1(F) 8.7:1 (R)
Gravity Dream w/21F22R wheels (3R)	6500	FR: 265/45ZR21 RR: 285/40ZR22	46.14	0.0344	0.02174	13.6	7.06:1(F) 8.7:1 (R)
Gravity Dream w/22F23R wheels (3R)	6500	FR: 265/40R22 RR: 285/35R23	46.14	0.0344	0.02174	13.6	7.06:1(F) 8.7:1 (R)
Gravity Touring w/20F21R wheels	6000	FR: 265/50R20 RR: 285/45R21	33.63	0.0230	0.02084	11.6	7.06:1
Gravity Touring w/21F22R wheels	6000	FR: 265/45ZR21 RR: 285/40ZR22	42.59	0.0318	0.02143	13	7.06:1
Gravity Touring w/22F23R wheels	6000	FR: 265/40R22 RR: 285/35R23	42.59	0.0318	0.02143	13	7.06:1

12.01.00 Motor & Battery Description

Parameter	Gravity GT	Gravity Dream	Gravity Touring
Drive motor Type (Front)	Permanent Magnet AC Motor	Permanent Magnet AC Motor	Permanent Magnet AC Motor
Drive motor Type (Rear)	Permanent Magnet AC Motor	Permanent Magnet AC Motor	Permanent Magnet AC Motor
Number of Drive Motor (s)/ Drive Units	2/2	2/2	2/2
Rated Motor Power (KW) Front / Rear	170 kW / 448 kW	399 kW / 399 kW	110 kW / 308 kW
Drive type (AWD/2WD/4WD)	AWD	AWD	AWD
Regenerative Braking (Yes/No)	Yes	Yes	Yes
Driver Controlled Regen Braking (Yes/No)	Yes	Yes	Yes
Rated Horsepower (hp)	828	1070	560
Number of Battery Modules	22	22	16
Total number of Cells	6600	6600	4800
Nominal Battery Energy Capacity (kWh)	123	123	89
Nominal voltage (V)	810	810	590

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, RC Application – Lucid USA, Inc. 2026 Test Group TLMUJ00.0GL2

Dear Mr. Ott,

Lucid hereby submits, with this letter, the model year 2026 running change application for Certificate of Conformity for the following Test Group: TLMUJ00.0GL2

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, RC Application – Lucid USA, Inc.
2026 Test Group TLMUJ00.0GL2

Lucid USA, Inc. requests that CARB issue an Executive Order for the TLMUJ00.0GL2 test group. Lucid requests that the CARB treat the information contained in this running change 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 and light-duty trucks.

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: TLMUJ00.0GL2

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	TLMUJ00.0GL2	**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**	05/29/2025 01:54:01 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	SLMUEEVNNGL2	**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**	TLMUJ00.0GL2
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	TLMUJ00.0GL2	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.	2 - Gravity GT w/21F22R wheels (2R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	3 - Gravity GT w/22F23R wheels (2R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	1 - Gravity GT w/20F21R wheels (2R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	6 - Gravity GT w/22F23R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	5 - Gravity GT w/21F22R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	4 - Gravity GT w/20F21R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	7 - Gravity Dream w/20F21R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	8 - Gravity Dream w/21F22R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	3 - Gravity GT w/22F23R wheels (2R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	6 - Gravity GT w/22F23R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	1 - Gravity GT w/20F21R wheels (2R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	8 - Gravity Dream w/21F22R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	4 - Gravity GT w/20F21R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	2 - Gravity GT w/21F22R wheels (2R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	5 - Gravity GT w/21F22R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	9 - Gravity Dream w/22F23R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	7 - Gravity Dream w/20F21R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	9 - Gravity Dream w/22F23R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No

Engine Description

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

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

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	--	--

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	810	**Battery Energy Capacity**	151
Battery Specific Energy	179	**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)	2		
Motor/Generator Type 1	Permanent Magnet AC Motor	**Rated Motor/Generator Power**	399
Motor/Generator Type 2	Permanent Magnet AC Motor	**Rated Motor/Generator Power**	399
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	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Emission Data Vehicle Information

Vehicle ID / Configuration	2025G00482 / 0	**Manufacturer Vehicle Configuration Number**	1
Original Test Group Name	TLMUT00.0GL2	**Original Evaporative/Refueling Family**	--
Original Test Vehicle Model Year	2026		

Vehicle Model

Represented Test Vehicle Make	2026	**Represented Test Vehicle Model**	Lucid Gravity Dream (3R)

Leak Family Details

Leak Family Identifier	--	**Leak Family Name**	--

Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Electric Motor	Electricity

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	No	**Rechargeable Energy Storage System Indicator**	Yes
Rechargeable Energy Storage System	Battery(s)	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	Yes		
Odometer Correction -- Initial	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	GL2	**Rated Horsepower**	1070
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	--	**Air Aspiration Device Configuration**	--
Charge Air Cooler Type	--	**Drive Mode While Testing**	All Wheel Drive
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	6062	**Equivalent Test Weight (pounds)**	6500
GVWR (lbs)	7321	**N/V Ratio**	999
Axle Ratio	7.06		
Transmission Type	Automatic	**# of Transmission Gears**	1
Transmission Lockup	No	**Creeper Gear**	No

Dynamometer Coefficients:

	Target Coefficients			Set Coefficients			
Coefficient Category	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients**
City/Highway/Evap	36.44	0.0249	0.02107	-9.08	-0.0359	0.01914	12
US06	36.44	0.0249	0.02107	-9.08	-0.0359	0.01914	N/A

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Emission Control Device Comments	--
Manufacturer Test Vehicle Comments	--

Test #	**SLMU10088431**	**Test Procedure**	**2 - CVS 75 and later (w/o can. load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2751	**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)	-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 CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0

Manufacturer Test Comments DC energy consumption Phase 1 = 263.75 Wh/mi; Phase 2 = 223.68 Wh/mi; Phase 3 = 250.43 Wh/mi;

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088432**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)	-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 CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0

Manufacturer Test Comments DC energy consumption = 243.32 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088433**	**Test Procedure**	**90 - US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)	-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 CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Manufacturer Test Comments DC energy consumption Phase 1 (Highway) = 317.57 Wh/mi; Phase 2 (City) = 362.54 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088435**	**Test Procedure**	**95 - SC03**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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 = 342.25 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088434**	**Test Procedure**	**86 - Charge Depleting 20 Degree F FTP**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)	14.9	**Charge Depleting Range (Actual miles)**	14.9
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	14.9
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)	3.6
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	1.8179

Manufacturer Test Comments DC energy consumption Phase 1 = 505.55 Wh/mi; Phase 2 = 388.47 Wh/mi Phase 3 = 385.76 Wh/mi; Phase 4 = 341.35 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**TLMU10090085**	**Test Procedure**	**77 - Multi-Cycle Test (MCT)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)**	142.178
Charge Depleting Range (Calculated miles)	538.93	**Charge Depleting Range (Actual miles)**	538.93
Charge Depleting Range Highway (Calculated miles)	515.43	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	538.93
Number of Charge Depleting Bags/Phases Conducted	8	**Transition Bag/Phase Number**	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.476
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.45
Drive Trace Energy Economy Rating	-0.31
Drive Trace Inertia Work Ratio Rating	0.04
Integrated DC KW-HRS	1.90929
Manufacturer Fuel Economy	25.539

Charge Depleting Bag/Phase #2

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.261
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.19
Drive Trace Energy Economy Rating	-0.06
Drive Trace Inertia Work Ratio Rating	0.04
Integrated DC KW-HRS	2.55186
Manufacturer Fuel Economy	24.87

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.474
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.1
Drive Trace Energy Economy Rating	-0.19
Drive Trace Inertia Work Ratio Rating	-0.33
Integrated DC KW-HRS	1.80226
Manufacturer Fuel Economy	24.114

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	363.323
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	25.35
Drive Trace Energy Economy Rating	1.1
Drive Trace Inertia Work Ratio Rating	34.08
Integrated DC KW-HRS	106.81113
Manufacturer Fuel Economy	29.398

Charge Depleting Bag/Phase #5

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.491
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.12
Drive Trace Energy Economy Rating	0.44
Drive Trace Inertia Work Ratio Rating	0.81
Integrated DC KW-HRS	1.67326
Manufacturer Fuel Economy	22.337

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	Evaporative/Refueling Family	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-2.35
Drive Trace Energy Economy Rating	-0.7
Drive Trace Inertia Work Ratio Rating	-2.67
Integrated DC KW-HRS	2.40969
Manufacturer Fuel Economy	23.486

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.445
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.34
Drive Trace Energy Economy Rating	0.76
Drive Trace Inertia Work Ratio Rating	1.32
Integrated DC KW-HRS	1.69799
Manufacturer Fuel Economy	22.807

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	18.788
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-9.94
Drive Trace Energy Economy Rating	-0.11
Drive Trace Inertia Work Ratio Rating	7.16
Integrated DC KW-HRS	5.76379
Manufacturer Fuel Economy	30.678

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	Evaporative/Refueling Family	--

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC 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	--	--

Fuel Properties

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Consolidated List of Standards

Exhaust Standards

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
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
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	--	0

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**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	TLMUJ00.0GL2	**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	TLMUJ00.0GL2	**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

Certification Summary Information Report

Manufacturer	Lucid USA, Inc.	**Manufacturer Code**	LMU
Test Group	TLMUJ00.0GL2	**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**	08/08/2025 04:55:13 PM
Model Year	2026		

Test Group Information

CSI Type	Running Change	**Running Change Reference Number**	01
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	SLMUEEVNNGL2	**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	06/02/2025	**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**	TLMUJ00.0GL2
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	TLMUJ00.0GL2	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.	6 - Gravity GT w/22F23R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	11 - Gravity Touring w/21F22R wheels	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	3 - Gravity GT w/22F23R wheels (2R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	10 - Gravity Touring w/20F21R wheels	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	4 - Gravity GT w/20F21R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	9 - Gravity Dream w/22F23R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	11 - Gravity Touring w/21F22R wheels	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	2 - Gravity GT w/21F22R wheels (2R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	8 - Gravity Dream w/21F22R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	9 - Gravity Dream w/22F23R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	6 - Gravity GT w/22F23R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	1 - Gravity GT w/20F21R wheels (2R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	1 - Gravity GT w/20F21R wheels (2R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	2 - Gravity GT w/21F22R wheels (2R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	7 - Gravity Dream w/20F21R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	4 - Gravity GT w/20F21R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	10 - Gravity Touring w/20F21R wheels	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	12 - Gravity Touring w/22F23R wheels	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	5 - Gravity GT w/21F22R wheels (3R)	Federal	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	8 - Gravity Dream w/21F22R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	3 - Gravity GT w/22F23R wheels (2R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	5 - Gravity GT w/21F22R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No

Certification Summary Information Report

Test Group TLMUJ00.0GL2 **Evaporative/Refueling Family** --

Lucid USA, Inc.	2 - Lucid USA Inc.	12 - Gravity Touring w/22F23R wheels	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Lucid USA, Inc.	2 - Lucid USA Inc.	7 - Gravity Dream w/20F21R wheels (3R)	California + CAA Section 177 states	All Wheel Drive	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	TLMUJ00.0GL2	**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	810	**Battery Energy Capacity**	151
Battery Specific Energy	179	**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)	2		
Motor/Generator Type 1	Permanent Magnet AC Motor	**Rated Motor/Generator Power**	399
Motor/Generator Type 2	Permanent Magnet AC Motor	**Rated Motor/Generator Power**	399
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	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Emission Data Vehicle Information

Vehicle ID / Configuration	2025G00482 / 0	**Manufacturer Vehicle Configuration Number**	1
Original Test Group Name	TLMUT00.0GL2	**Original Evaporative/Refueling Family**	--
Original Test Vehicle Model Year	2026		

Vehicle Model

Represented Test Vehicle Make	2026	**Represented Test Vehicle Model**	Lucid Gravity Dream (3R)

Leak Family Details

Leak Family Identifier	--	**Leak Family Name**	--

Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Electric Motor	Electricity

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	No	**Rechargeable Energy Storage System Indicator**	Yes
Rechargeable Energy Storage System	Battery(s)	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	Yes		
Odometer Correction -- Initial	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	GL2	**Rated Horsepower**	1070
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	--	**Air Aspiration Device Configuration**	--
Charge Air Cooler Type	--	**Drive Mode While Testing**	All Wheel Drive
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	6062	**Equivalent Test Weight (pounds)**	6500
GVWR (lbs)	7321	**N/V Ratio**	999
Axle Ratio	7.06		
Transmission Type	Automatic	**# of Transmission Gears**	1
Transmission Lockup	No	**Creeper Gear**	No

Dynamometer Coefficients:

	Target Coefficients			Set Coefficients			
Coefficient Category	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients**
City/Highway/Evap	36.44	0.0249	0.02107	-9.08	-0.0359	0.01914	12
US06	36.44	0.0249	0.02107	-9.08	-0.0359	0.01914	N/A

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Emission Control Device Comments	--
Manufacturer Test Vehicle Comments	--

Test #	**SLMU10088431**	**Test Procedure**	**2 - CVS 75 and later (w/o can. load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2751	**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)	-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 CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0

Manufacturer Test Comments DC energy consumption Phase 1 = 263.75 Wh/mi; Phase 2 = 223.68 Wh/mi; Phase 3 = 250.43 Wh/mi;

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088432**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)	-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 CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0

Manufacturer Test Comments DC energy consumption = 243.32 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088433**	**Test Procedure**	**90 - US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)	-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 CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Manufacturer Test Comments DC energy consumption Phase 1 (Highway) = 317.57 Wh/mi; Phase 2 (City) = 362.54 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088435**	**Test Procedure**	**95 - SC03**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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 = 342.25 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**SLMU10088434**	**Test Procedure**	**86 - Charge Depleting 20 Degree F FTP**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)	14.9	**Charge Depleting Range (Actual miles)**	14.9
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	14.9
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)	3.6
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	1.8179

Manufacturer Test Comments DC energy consumption Phase 1 = 505.55 Wh/mi; Phase 2 = 388.47 Wh/mi Phase 3 = 385.76 Wh/mi; Phase 4 = 341.35 Wh/mi

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Test #	**TLMU10090085**	**Test Procedure**	**77 - Multi-Cycle Test (MCT)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	10/15/2024	**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	2571	**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)**	142.178
Charge Depleting Range (Calculated miles)	538.93	**Charge Depleting Range (Actual miles)**	538.93
Charge Depleting Range Highway (Calculated miles)	515.43	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	538.93
Number of Charge Depleting Bags/Phases Conducted	8	**Transition Bag/Phase Number**	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.476
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.45
Drive Trace Energy Economy Rating	-0.31
Drive Trace Inertia Work Ratio Rating	0.04
Integrated DC KW-HRS	1.90929
Manufacturer Fuel Economy	25.539

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	Evaporative/Refueling Family	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.261
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.19
Drive Trace Energy Economy Rating	-0.06
Drive Trace Inertia Work Ratio Rating	0.04
Integrated DC KW-HRS	2.55186
Manufacturer Fuel Economy	24.87

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.474
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.1
Drive Trace Energy Economy Rating	-0.19
Drive Trace Inertia Work Ratio Rating	-0.33
Integrated DC KW-HRS	1.80226
Manufacturer Fuel Economy	24.114

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	363.323
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	25.35
Drive Trace Energy Economy Rating	1.1
Drive Trace Inertia Work Ratio Rating	34.08
Integrated DC KW-HRS	106.81113
Manufacturer Fuel Economy	29.398

Charge Depleting Bag/Phase #5

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.491
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.12
Drive Trace Energy Economy Rating	0.44
Drive Trace Inertia Work Ratio Rating	0.81
Integrated DC KW-HRS	1.67326
Manufacturer Fuel Economy	22.337

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	Evaporative/Refueling Family	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-2.35
Drive Trace Energy Economy Rating	-0.7
Drive Trace Inertia Work Ratio Rating	-2.67
Integrated DC KW-HRS	2.40969
Manufacturer Fuel Economy	23.486

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.445
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.34
Drive Trace Energy Economy Rating	0.76
Drive Trace Inertia Work Ratio Rating	1.32
Integrated DC KW-HRS	1.69799
Manufacturer Fuel Economy	22.807

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	18.788
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-9.94
Drive Trace Energy Economy Rating	-0.11
Drive Trace Inertia Work Ratio Rating	7.16
Integrated DC KW-HRS	5.76379
Manufacturer Fuel Economy	30.678

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	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	--	--

Fuel Properties

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**Evaporative/Refueling Family**	--

Consolidated List of Standards

Exhaust Standards

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 0
Fuel	Electricity	**Test Procedure**	Multi-Cycle Test (MCT)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	--	0
150,000 miles	CO-COMP	--	--	--	--	--	1	--	0
150,000 miles	CREE	--	--	--	--	--	1	--	0
150,000 miles	HC-NM+NOX-COMP	--	--	--	--	--	1	--	0
150,000 miles	NMOG+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**	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
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	--	0

Certification Summary Information Report

Test Group	TLMUJ00.0GL2	**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	TLMUJ00.0GL2	**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	TLMUJ00.0GL2	**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