



RIVIAN AUTOMOTIVE, LLC

Application for Certification - Part 1 (Carryover)

2027 Model Year

EPA Manufacturer Code: RIV

Test Group: VRIVT00.0172

Durability Group: N.A. Evaporative Family: N.A.

Test Group Description:	Battery Electric Vehicle
Applicable Standards:	U.S. EPA: Tier 4 Bin 0 MDPV CA: ZEV MDPV
Carlines Covered:	Rivian R1T Premium (22in) Rivian R1S Premium (22in) Rivian R1T Premium (20in) Rivian R1S Premium (20in) Rivian R1T Premium (20in AT) Rivian R1S Premium (20in AT)
Document Date:	05/28/2026

For Questions, Contact:
S. Zaker, SepZaker@rivian.com



14600 Myford Road
Irvine, CA 92606

Ms. Hannah Frame
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2027 Rivian Medium-Duty Vehicle Initial Application for issuance of Certificate of Conformity for Test Group VRIVT00.0172.

Rivian believes that all vehicles within this test group comply with all applicable regulations within Code of Federal Regulations Title 40 Parts 85, 86, 600, and California Code of Regulations Title 13 Division 3, Chapter 1, article 2, Sections 1963 Advanced Clean Trucks (ACT). This test group's certification pathway is ACT.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0172
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV

Test Group Description:

1 - Rivian R1
7 - 7 Module Battery
2 - 2 AC Motors

Vehicles Covered by this certificate:

Rivian R1T Premium (22in)
Rivian R1S Premium (22in)
Rivian R1T Premium (20in)
Rivian R1S Premium (20in)
Rivian R1T Premium (20in AT)
Rivian R1S Premium (20in AT)

Your early review and issuance of the certificate will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on CDX.

Sep Zaker
Director, Homologation

 05/28/2026





14600 Myford Road
Irvine, CA 92606

Ms. Hannah Frame
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2027 Rivian Medium-Duty Vehicle OBD letter for issuance of Certificate of Conformity for Test Group VRIVT00.0172.

Rivian is a manufacturer of Battery Electric Vehicle, including R1T and R1S. Battery Electric Vehicles are exempt from OBD II requirements.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0172
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

1 - Rivian R1
7 - 7 Module Battery
2 - 2 AC Motors

Vehicles Covered by this certificate:

Rivian R1T Premium (22in)
Rivian R1S Premium (22in)
Rivian R1T Premium (20in)
Rivian R1S Premium (20in)
Rivian R1T Premium (20in AT)
Rivian R1S Premium (20in AT)

Your early review and issuance of the certificate will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on CDX.

Sep Zaker
Director, Homologation

 05/28/2026





14600 Myford Road
Irvine, CA 92606

Ms. Hannah Frame
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2027 Rivian Medium-Duty Vehicle Durability letter for issuance of Certificate of Conformity for Test Group VRIVT00.0172.

Rivian is a manufacturer of Battery Electric Vehicle, including R1T and R1S. Battery Electric Vehicles (no tailpipe emissions) are exempt from emissions equipment durability requirements.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0172
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

1 - Rivian R1
7 - 7 Module Battery
2 - 2 AC Motors

Vehicles Covered by this certificate:

Rivian R1T Premium (22in)
Rivian R1S Premium (22in)
Rivian R1T Premium (20in)
Rivian R1S Premium (20in)
Rivian R1T Premium (20in AT)
Rivian R1S Premium (20in AT)

Your early review and issuance of the certificate will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on CDX.

Sep Zaker
Director, Homologation

 05/28/2026





14600 Myford Road
Irvine, CA 92606

Mr. Richard Uyehara
Emissions Certification and Compliance Division (ECCD)
Air Resources Board Laboratory
4001 Iowa Ave, Riverside, CA 92507

Subject: MY 2027 Rivian Medium-Duty Vehicles Initial Application for issuance of an Executive Order for Test Group VRIVT00.0172.

Rivian believes that all vehicles within this test group comply with all applicable regulations within Code of Federal Regulations Title 40 Parts 85, 86, 600, and California Code of Regulations Title 13 Division 3, Chapter 1, article 2, Sections 1963 Advanced Clean Trucks (ACT). This test group's certification pathway is ACT.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0172
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

1 - Rivian R1
7 - 7 Module Battery
2 - 2 AC Motors

Vehicles covered by this certificate

Rivian R1T Premium (22in)
Rivian R1S Premium (22in)
Rivian R1T Premium (20in)
Rivian R1S Premium (20in)
Rivian R1T Premium (20in AT)
Rivian R1S Premium (20in AT)

Your early review and issuance of the revised executive order will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on DMS.

Sep Zaker
Director, Homologation

 05/28/2026



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01.00.00 Communications

01.01.00 Mailing Information

Rivian Automotive, LLC
14600 Myford Road
Irvine, CA 92606
Attention: Sepehr Zakeresfahani

01.01.01 Certification Information

Rivian Automotive, LLC
14600 Myford Road
Irvine, CA 92606

01.01.02 Responsible official

Primary Contact:
Sepehr Zakeresfahani
Director, Homologation
sepzaker@rivian.com
14600 Myford Road
Irvine, CA 92606

02.00.00 Confidential Information

02.01.00 Statement of confidentiality

02.02.00 Test vehicle selection

02.03.00 Projected annual model-year sales

03.00.00 Facilities, equipment, and test procedures

03.01.00 (Reserved)

03.02.00 Battery pre-conditioning procedures (if necessary)

03.03.00 Configurations and Sub configurations

Program	A [lbf]	B [lbf/ mph]	C [lbf/ mph ²]	Curb Weight [lbs]	LVW [lbs]	Test Weight [lbs]	GVWR [lbs]	Tire Size
R1S Premium (22in)	43.12	0.2416	0.02096	6,323	6,623	6,500	8,532	275/50R22
R1T Premium (22in)	39.52	0.1356	0.02583	6,314	6,614	6,500	8,532	275/50R22
R1S Premium (20in)	43.12	0.2416	0.02088	6,323	6,623	6,500	8,532	275/60R20
R1T Premium (20in)	47.47	0.2441	0.02343	6,314	6,614	6,500	8,532	275/60R20
R1S Premium (20in AT)	49.42	0.4286	0.02320	6,453	6,753	7,000	8,532	275/65R20
R1T Premium (20in AT)	50.12	0.5117	0.02079	6,464	6,764	7,000	8,532	275/65R20

03.04.00 Test Procedures

03.04.01 Range Test Procedures

03.04.02 Description of Coastdown

03.05.00 Special Test Instructions

Vehicle Setup:

Bleyer rigid bar fixation system. Front bar fixed to the front tow hook, and rear bar fixed to the tow hitch receiver.



Instrumentation:

Battery voltage and current measurement were taken using a HBM Gen4TB power analyzer and Hioki CT684X-05 current clamps.

- Clamps installed to minimize number of measured current channels.
- Current clamp sizes determined by Largeimum combined circuit current.



Front/Rear Drive Units – 500A



eAC/eCH & OBC/DCDC/DCAC– 200A



Above: Hioki CT684X-05 current clamp and HBM Gen4TB power analyzer

AC Level 2 240 V/ 48 A (11.5 kW) charger was used for charging.

03.05.00 Statement of Compliance

Every vehicle which is covered by this application conforms to US EPA Federal Tier 4 Bin 0 regulations applicable to new Medium-Duty Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2027 Model Year.

04.00.00 (Reserved)

05.00.00 (Reserved)

06.00.00 Maintenance

06.01.00 Test vehicle scheduled maintenance

06.02.00 Recommended customer maintenance schedule

Maintenance schedule can be found in the Rivian owner's guide. It is available at

<https://rivian.com/support/support-documents>

06.03.00 Lubricants and heater fuels if any

Transmission Oil:

BOT 350 M3 transmission fluid for dry electric drive units.

Typical Characteristics:

Test	Method	Units	
SAE Grade		-	75W
Density @ 15C, Relative	ASTM D1298	g/ml	0.852
Appearance Visual		-	clear
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	6.3
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	32
Viscosity Index		-	154
Viscosity, Brookfield @ -40°C	ASTM D2983	mPa.s (cP)	10000
Pour Point	ASTM D97	°C	-51
Flash Point, COC	ASTM D92	°C	226

Performance of L228 According to ASTM D3306

Table 1 – ASTM D3306 Results

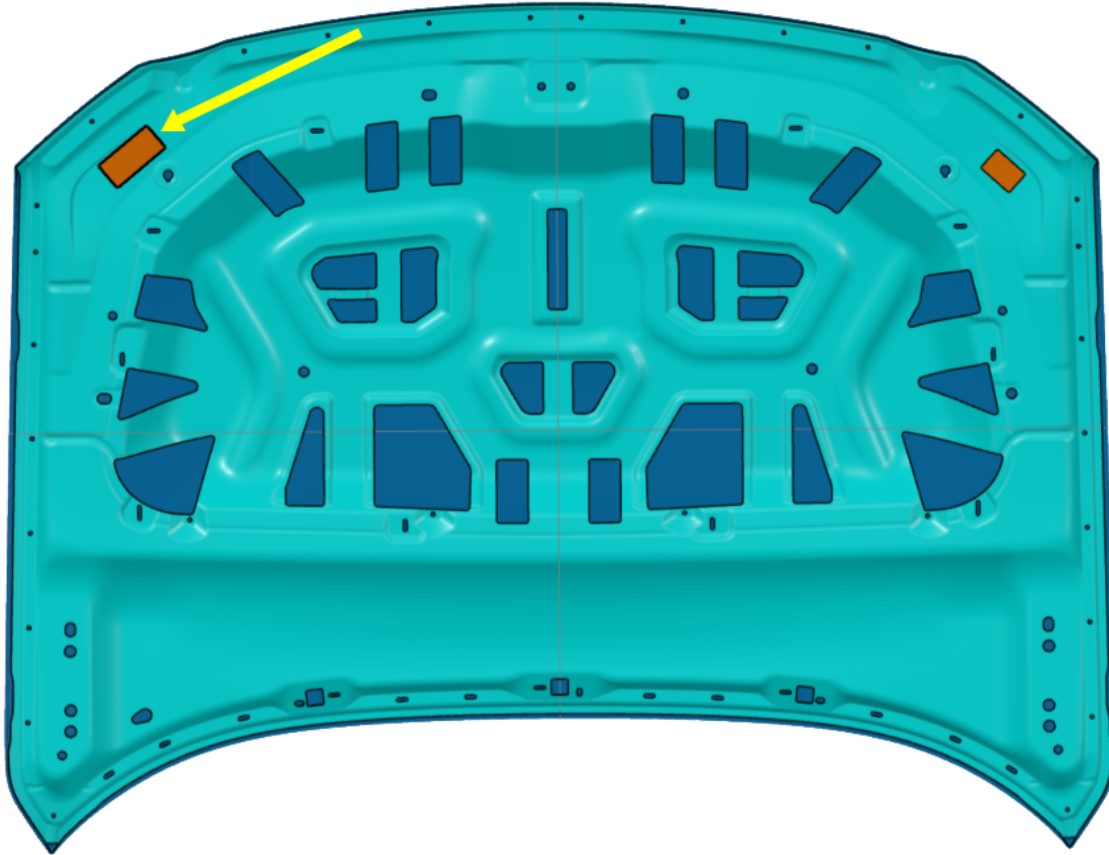
Item			ASTM D3306 Type I	CCI L288
Color			Distinctive	Yellow
Relative Density 15.5/15.5°C			1.110 ~ 1.145	1.128
Freezing Point °C	50 vol% in DI water		-36.4 max.	-37
Boiling Point °C	50 vol% in DI water		108 min.	109
Ash content		mass%	5 max.	1.7
pH	50 vol% in DI water		7.5 ~ 11.0	7.6
Chloride μ g/g			25 max.	<25
Water mass%			5 max.	3.8
Reserve Alkalinity mL			Report	8.0
Effect on Automotive Finish			No Effect	Pass
Corrosion in Glassware	Weight Loss ⁽¹⁾ mg/Specimen	Copper	10 max.	0.2
		Solder	30 max.	4.3
		Brass	10 max.	1.9
		Steel	10 max.	0.7
		Cast Iron	10 max.	1.4
		Aluminum	30 max.	+0.2
Simulated Service Test	Weight Loss ⁽¹⁾ mg/Specimen	Copper	20 max.	0.7
		Solder	60 max.	6.9
		Brass	20 max.	5.9
		Steel	20 max.	0.2
		Cast Iron	20 max.	3.3
		Aluminum	60 max.	0.1
Corrosion of Cast Aluminum Alloys at Heat-Rejecting Surfaces mg/cm ² /week			1.0 max.	0.1
Foaming	Volume mL		150 max.	20
	Break Time s		5 max.	3
Cavitation-Erosion Rating for pitting, cavitation, and erosion of the water pump			8 min.	9

Note (1): A plus sign designates weight gain.

07.00.00 Vehicle Emission Control Information (VECI) and Environmental

07.01.00 VECI Label locations

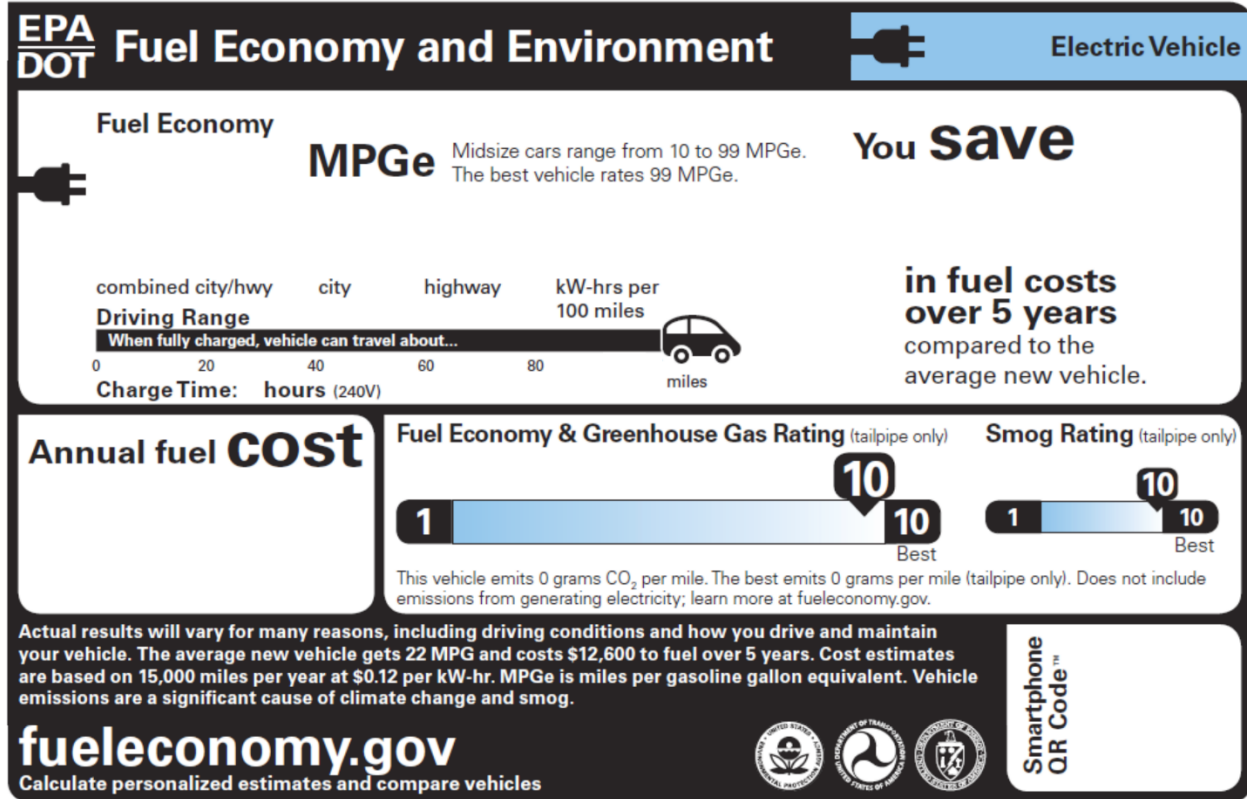
Under-hood, passenger-side, near front of the vehicle.



07.02.00 Sample VECI labels (MY2027 Sample Label):



07.03.00 Sample Fuel Economy Label (Formerly called the Smog Index label)



07.04.00 Statement of compliance

Every vehicle which is covered by this application conforms to US EPA Federal Tier 4 Bin 0 regulations applicable to new Medium Duty Passenger Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2027 Model Year.

07.05.00 Sample Battery Specification Label

08.00.00 General technical description

08.01.00 Description of Propulsion System

See 08.01.01 through 08.01.06

08.01.01 Description of Vehicle Architecture

08.01.02 Description of Drive Unit Architecture

08.01.03 Description of Motor(s)

08.01.04 Description of Gearbox(s)

08.01.05 Description of Inverter(s)

08.01.06 Description of Drivetrain(s)

08.03.00 Description of Batteries

08.03.01 Battery charging capacity

08.03.02 Self-discharge information

Rivian estimates the average self-discharge rate of the battery is less than 4% per month.

08.03.03 Description of thermal management system

08.03.04 Definition of end-of-life

section 08.03.05 for information on reuse strategy.

08.03.05 Description of battery disposal plan

Safe battery removal and discharge by Rivian service is recommended. Rivian service will determine which battery components meet standards for reuse. Rivian prioritizes the remanufacture of battery components into equivalent vehicle parts, then consumption in 2nd life applications. For components which do not meet the necessary standards, Rivian approved partners will transport, break down and recycle all materials used within the battery.

Rivian is pursuing UL 1973 certification of vehicle battery modules to enable their reuse for 2nd life grid storage applications. Rivian also plans to develop a process to evaluate the suitability of modules from field returned packs for reuse for grid storage applications in line with UL 1974 (Standard for Evaluation for Repurposing Batteries).

If a facility other than one approved by Rivian intends to dispose of the HV Battery or components, the vehicle owner and/or facility assume the responsibility to comply with any local or federal standards that may apply. A certificate from the recycler should be obtained as proof the materials were properly and legally disposed of.

08.04.00 Description of Controller/Inverter

See Section 08.01.05

08.05.00 Description of Transmission

See Section 08.01.04

08.06.00 Description of climate control system

- Rivian's climate control is a Dual Zone system with Automatic Temperature control.
- HVAC predominantly includes Defrost mode, Panel mode, and Floor mode (or any combination of these three).
- The vehicle could be remotely conditioned to a comfortable climate setpoint using a Mobile Application.
- The system consists of four electronically controlled face vent to direct airflow around passengers.
- The recirculation door is independently controlled by the passengers.
- Auto humidity control.
- Auto/manual blower fan control.

08.06.01 Electric Heat Pump

08.06.02 (Reserved)

08.06.03 Climate control system logic

HVAC software has multiple modes which can be selected based on user preference:

- In Manual Mode, the user has complete control on blower speed, temperature, and airflow distribution to face or feet. Recirculation of air is also manually controlled by the user.

- In Auto mode, the software provides adequate heating and cooling requests to control the breathing temperature of both driver and passenger to the requested setpoint. In this mode, the airflow distribution and the blower speeds are automatically selected to maintain the desired temperature from the screen. The software estimates the breathing temperature of individual passenger based on airflow through ducts, In-Cabin sensors, external ambient temperature sensors, and solar load sensors. Recirculation of air inside the cabin is automatically selected based on humidity level inside the cabin.
- Additionally, defrost or demist mode is provided to the user for a clear view while driving. During defog mode, the software supplies conditioned air towards the windshield based on the dew point calculation. If the desired mode is Defrost, the heat pump blows hot air towards the windshield to clear frost.

08.06.04 (Reserved)

08.07.00 Description of Regenerative Braking System

08.07.01 Control logic

08.07.02 Percentage of braking performed on road by each axle

08.07.03 Overlap of friction brakes and regenerative braking

08.08.00 Description of charger

AC Adapter Specifications

Specification	Description
Product part number	PT01472026
Product type	J1772 AC Adapter for NACS vehicles
Compatibility	J1772 AC chargers
Rate voltage	250V

Use the J1772 AC adapter with J1772 AC L2 chargers only. Don't attempt to use the adapter with a DC fast charger.

08.08.01 Proper recharging procedures

Detailed instructions can be found in the owner's guide.

08.08.02 Power requirements necessary to recharge vehicle

The Rivian R1T and R1S complies with industry standard NACS for AC Level 1 (120 VAC) and AC Level 2 (240 VAC) charging. Rivian R1T and R1S will be compatible with SAE J1772 using an approved adapter.

See section 08.08.00 for power adapters.

AC Level 1 charging requires a conventional 110-120 Volt AC grounded outlet capable of the rating of the EVSE to be used. A portable EVSE cord set that is capable of AC Level 1 charging is included with the vehicle.

AC Level 2 charging requires a 220-240 Volt AC outlet capable of the rating of the EVSE to be used.

08.09.00 Accessories which draw energy from the batteries

08.10.00 Other unique features (e.g. solar panels)

N/A

08.11.00 Description of warning system(s) for maintenance / malfunction

The Rivian vehicles communicate maintenance and malfunction needs to the driver through easy-to-read and timely notifications. If issues do occur, the notification system uses a combination of telltales, texts, and visuals to explain the situation. Our notifications are simple to understand, communicate when the vehicle needs service, and alerts customer if an issue arises. The customer leaves the experience feeling confident

knowing the system explains the proper actions to take. Any notifications that appear in the driver's instrument cluster retire to the center display so the driver can recall still relevant notifications later.

The Rivian R1S and R1T provide warning tell-tale lights on the driver's display for minor and major defects. A message and audible tone may also be provided for some major defects. Detailed descriptions of the warnings can be found in the owner's guide.

08.11.01 Cut off terminal voltages for prevention of battery damage

Battery management control system is programmed to prevent a state of under-voltage or over-voltage per the voltage limits defined by Rivian. Contactor opens and DTCs are set when voltage of the battery is below 315 V (264.6V if cell temperature is below 5°C) or above 459 V.

09.00.00 (Reserved)

10.00.00 (Reserved)

11.00.00 Starting and shifting schedules

12.00.00 (Reserved)
13.00.00 (Reserved)
14.00.00 (Reserved)
15.00.00 (Reserved)
16.00.00 (Reserved)
17.00.00 California requirements

17.01.00 Statement of compliance

Every vehicle which is covered by this application conforms to US EPA Federal Tier 4 Bin 0 regulations applicable to new Medium Duty Passenger Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2027 Model Year.

17.01.01 General statement

Rivian confirms that the production vehicles covered by this application will be substantially the same as the vehicles tested for the purposes of this application.

17.01.02 Drivability statement

As of 01/01/2006, This statement is no longer included in the California Exhaust Emission Standards and Test Procedures.

17.02.00 Supplemental Data and Certification Review Sheets

See end of document for ZEV Supplemental Sheets

17.03.00 (Reserved)

17.04.00 Credits

17.04.01 Description of multi-manufacturer arrangements

N/A

17.04.02 Credit calculation

17.05.00 Vehicle Safety

The Rivian architecture comprises a body attached to a skateboard frame structure. The primary structure encompasses engineered crush zones used to, in case of crash, absorb the crash energy. The “safety cage” comprises of body pillars, side impact bars, floor sills and roof rails (working with other structural elements) and with an advanced optimized restraint system to help properly restrain and protect occupants.

17.05.01 All information for safe operation of vehicle

See sections 03.04.00, 03.05.00, and 11.00.00.

17.05.02 Information on safe handling of battery system

17.05.03 Description of emergency procedures

Test Results:

R1T Premium (22in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1T

Model Year 2025

Vehicle R1T 386X 22" Range

Test Number

Comments: ALL PURPOSE

D.Good

March 8, 2016

Test Date 9/19/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwgt	Kwgt
UDDS1	1985.68	7.433	267.14	66.79	4.87
UDDS2	1642.90	7.456	220.35	55.09	72.11
UDDS3	1552.89	7.413	209.48	52.37	68.55
UDDS4	1565.77	7.438	210.51	52.63	68.89
HWY1	2756.10	10.264	268.52	134.26	
HWY2	2614.80	10.241	255.33	127.66	
SS1	85522.33	255.211	335.10		
SS2	11248.35	33.228	338.52		
TOTAL	108888.815	338.684			

Recharge
AC WattHrs

128525.33

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.018	0.327	0.327	0.327	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi
UDDSu	479.96	267.78		
UDDSw	507.82	253.09	133.1718	25.3094
HWY	415.73	309.16	109.0220	30.9158

EPA version

kWh/100mi

25.30941

30.91577

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	214.4255	4.6636	3.9511
HFEDS	261.9236	3.8179	3.2346

R1T Premium (20in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1T
Model Year: 2025
Vehicle: R1T 386X 20" Base
Test Number:
Comments: ALL PURPOSE

D.Good March 8, 2016

Test Date: 9/29/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt
UDDS1	1976.73	7.468	264.71	66.18	4.85
UDDS2	1788.01	7.454	239.87	59.97	78.49
UDDS3	1687.45	7.422	227.37	56.84	74.40
UDDS4	1723.13	7.446	231.42	57.86	75.73
HWY1	2895.66	10.284	281.56	140.78	
HWY2	2760.15	10.251	269.25	134.62	
SS1	84887.92	245.096	346.35		
SS2	10167.59	29.443	345.33		
TOTAL	107886.6333	324.864			

Recharge
 AC WattHrs
128334.750

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.018	0.327	0.327	0.327	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi
UDDSu	447.96	286.49		
UDDSw	462.10	277.72	121.3629	27.7721
HWY	391.74	327.60	102.8841	32.7602

EPA version
kWh/100mi
27.77209
32.76017

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	233.4704	4.2832	3.6007
HFEDS	275.4035	3.6310	3.0525

R1S Premium (20in AT)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2025

Vehicle R1S 378X 20" All-Terrain

Test Number

Comments: ALL PURPOSE

D.Good

March 8, 2016

Test Date 10/4/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	2165.91	7.473	289.82	72.46	5.80	127401.57
UDDS2	1907.84	7.456	255.86	63.97	83.58	
UDDS3	1838.59	7.465	246.31	61.58	80.46	
UDDS4	1861.98	7.456	249.71	62.43	81.57	
HWY1	3084.34	10.264	300.51	150.25		
HWY2	2971.57	10.262	289.57	144.79		
SS1	83840.59	227.969	367.77			
SS2	10479.14	27.852	376.25			
TOTAL	108149.955	306.197				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.020	0.327	0.327	0.327	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	415.278	306.786			
UDDSw	430.166	296.168	113.8036	29.6168	29.61682
HWY	366.561	347.559	96.9765	34.7559	34.75586

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	251.414	3.977	3.376
HFEDS	295.039	3.389	2.877

Certification Summary Information Report

Manufacturer	Rivian Automotive LLC	Manufacturer Code	RIV
Test Group	VRIVT00.0172	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	05/22/2026 01:09:38 PM
Model Year	2027		

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	MDPV
Federal Clean Fuel Vehicle	Yes	Federal Clean Fuel Vehicle Standard	ZEV
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	TRIVR0000172	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	Not Applicable	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VRIVT00.0172
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	OBD COMPLIANCE IS NOT APPLICABLE TO ZEV. PARAMETERS ARE PLACEHOLDERS TO ALLOW DATASET SUBMISSION.		
Mfr Test Group Comments	TEST GROUP COVERS MY27 VEHICLE MODEL NAMES: Rivian R1T Premium (22in), Rivian R1S Premium (22in), Rivian R1T Premium (20in), Rivian R1S Premium (20in), Rivian R1T Premium (20in AT), Rivian R1S Premium (20in AT) DURABILITY IS NOT APPLICABLE TO ZEV. PARAMETERS ARE PLACEHOLDERS TO ALLOW DATASET SUBMISSION.		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group		VRIVT00.0172		Evaporative/Refueling Family		--					
Models Covered by this Certificate											
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup				
Rivian Automotive LLC	1 - Rivian	505 - R1S Premium (22in)	Federal	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	505 - R1S Premium (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	507 - R1S Premium (20in AT)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	703 - R1T Premium (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	705 - R1T Premium (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	703 - R1T Premium (20in)	Federal	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	503 - R1S Premium (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	507 - R1S Premium (20in AT)	Federal	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	503 - R1S Premium (20in)	Federal	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	707 - R1T Premium (20in AT)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No				
Rivian Automotive LLC	1 - Rivian	705 - R1T Premium (22in)	Federal	4-Wheel Drive	Automatic	1	No				
Engine Description											
Hybrid Type		--		Hybrid Description		--					
Engine Type		--		Mfr Engine Description		--					
Engine Block Arrangement		--		Mfr Engine Block Arrangement Description		--					
Camless Valvetrain Indicator		--		Oil Viscosity/Classification							
Number of Cylinders/Rotors		--		Mechanically Variable Compression Ratio Indicator		--					
After Treatment Device(s) (ATD)											
Mfr After Treatment Device (ATD) Comments		--									
Direct Ozone Reduction (DOR) Device		--									
Mfr Emission Control Device Comments		--									
Official Test Numbers											
Test Group	Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity		--	--	--	--	--	--	--	--	--	--

Certification Summary Information Report

Test Group		VRIVT00.0172		Evaporative/Refueling Family		--	
SFTP LEV-III Official Test Numbers							
Test Group Fuel		FTP		US06		SC03	
Electricity		--		--		--	
Hybrid Electric Vehicle And Fuel Cell Information							
Rechargeable Energy Storage System		Battery(s)		Rechargeable Energy Storage System, if Other		--	
Battery Type		Lithium Ion		Number of Battery Packs		1	
Total Voltage of Battery Packs		406		Battery Energy Capacity		286	
Battery Specific Energy		273		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		AC Permanent Magnet		Rated Motor/Generator Power		264	
Motor/Generator Type 2		AC Permanent Magnet		Rated Motor/Generator Power		264	
Mfr Fuel Cell Description		--					
Fuel Cell On-Board H2 Storage Capacity (kg)		--		Usable H2 Fill Capacity (kg)		--	
Mfr Hybrid Electric/ Electric Vehicle Comments		All-Purpose Drive Mode (DEFAULT)					

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--					
Emission Data Vehicle Information								
Vehicle ID / Configuration	R1S378XR20AT / 0	Manufacturer Vehicle Configuration Number	0					
Original Test Group Name	SRIVT00.0172	Original Evaporative/Refueling Family	--					
Original Test Vehicle Model Year	2025							
Vehicle Model								
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S All-Terrain Performance Dual Large (20in)					
Leak Family Details								
Leak Family Identifier	--	Leak Family Name	--					
Drive Sources and Fuel System Details								
	<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> </thead> <tbody> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </tbody> </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	264X2RW	Rated Horsepower	665					
Displacement (liters)	99.999							
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric					
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--					
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive					
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)					
Curb Weight (lbs)	6453	Equivalent Test Weight (pounds)	7000					
GVWR (lbs)	--	N/V Ratio	999					
Axle Ratio	9.99							
Transmission Type	Automatic	# of Transmission Gears	1					
Transmission Lockup	No	Creep Gear	No					

Certification Summary Information Report

Test Group		VRIVT00.0172			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	49.42	0.4286	0.0232	-8.95	0.1717	0.0222	17.2	
Cold CO	54.36	0.4715	0.02552	9.99	9.9999	0.09999	N/A	
US06	49.42	0.4286	0.0232	-8.95	0.1717	0.0222	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 13.7:1 FDU N/V: 135.0 RDU N/V: 108.4						

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10088278	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	10/10/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3726	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.15	--
DT-EER (Drive Trace Energy Economy Rating)	-0.5	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.04	--
MFR FE (Manufacturer Fuel Economy)	25.97	129.7843666
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 20" All-Terrain wheels. Cycle 1: 292.97 Wh/mi, Cycle 2: 235.84 Wh/mi, Cycle 3: 280.50 Wh/mi, Cycle 4: 233.14 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10088279	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	10/10/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3726	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.18	--
DT-EER (Drive Trace Energy Economy Rating)	-0.13	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.25	--
MFR FE (Manufacturer Fuel Economy)	29.35	114.8381601
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 20" All-Terrain wheels. Cycle 1: 293.49 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10088280	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	10/09/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3710	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.93	--
DT-EER (Drive Trace Energy Economy Rating)	-0.69	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.3	--
MFR FE (Manufacturer Fuel Economy)	39.12	86.1579755
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 20" All-Terrain wheels. Cycle 1 (City1): 369.49 Wh/mi, Cycle 2 (HWY): 391.60 Wh/mi, Cycle 3 (City2): 442.23 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10088281	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	10/12/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3751	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.42	--
DT-EER (Drive Trace Energy Economy Rating)	-0.3	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.31	--
MFR FE (Manufacturer Fuel Economy)	37.42	90.0721539
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 20" All-Terrain wheels. Cycle 1: 374.23 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10088040	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	10/04/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3358	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)	127.4
Charge Depleting Range (Calculated miles)	430.1	Charge Depleting Range (Actual miles)	430.1
Charge Depleting Range Highway (Calculated miles)	366.6	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	430.1
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)		7.473	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-0.33	
Drive Trace Energy Economy Rating		-0.73	
Drive Trace Inertia Work Ratio Rating		-0.16	
Integrated DC KW-HRS		2.166	
Manufacturer Fuel Economy		28.98	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>10.264</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.91</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.16</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.22</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.084</td></tr><tr><td>Manufacturer Fuel Economy</td><td>30.05</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.264	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.91	Drive Trace Energy Economy Rating	0.16	Drive Trace Inertia Work Ratio Rating	1.22	Integrated DC KW-HRS	3.084	Manufacturer Fuel Economy	30.05		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.264																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.91																		
Drive Trace Energy Economy Rating	0.16																		
Drive Trace Inertia Work Ratio Rating	1.22																		
Integrated DC KW-HRS	3.084																		
Manufacturer Fuel Economy	30.05																		
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>7.456</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.17</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.12</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.31</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.908</td></tr><tr><td>Manufacturer Fuel Economy</td><td>25.59</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.456	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.17	Drive Trace Energy Economy Rating	-0.12	Drive Trace Inertia Work Ratio Rating	0.31	Integrated DC KW-HRS	1.908	Manufacturer Fuel Economy	25.59		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.456																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.17																		
Drive Trace Energy Economy Rating	-0.12																		
Drive Trace Inertia Work Ratio Rating	0.31																		
Integrated DC KW-HRS	1.908																		
Manufacturer Fuel Economy	25.59																		
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>227.969</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>39.98</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.36</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>80</td></tr><tr><td>Integrated DC KW-HRS</td><td>83.841</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.78</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	227.969	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	39.98	Drive Trace Energy Economy Rating	-1.36	Drive Trace Inertia Work Ratio Rating	80	Integrated DC KW-HRS	83.841	Manufacturer Fuel Economy	36.78		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	227.969																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	39.98																		
Drive Trace Energy Economy Rating	-1.36																		
Drive Trace Inertia Work Ratio Rating	80																		
Integrated DC KW-HRS	83.841																		
Manufacturer Fuel Economy	36.78																		
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>7.465</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.14</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.39</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.01</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.839</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.63</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.465	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.14	Drive Trace Energy Economy Rating	-0.39	Drive Trace Inertia Work Ratio Rating	-0.01	Integrated DC KW-HRS	1.839	Manufacturer Fuel Economy	24.63		
Test Result/Emission Name	Unrounded Test Result																		
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Manufacturer Fuel Economy	24.63																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>10.262</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.24</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.06</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.08</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.972</td></tr><tr><td>Manufacturer Fuel Economy</td><td>28.96</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.262	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.24	Drive Trace Energy Economy Rating	-0.06	Drive Trace Inertia Work Ratio Rating	-0.08	Integrated DC KW-HRS	2.972	Manufacturer Fuel Economy	28.96
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.262																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.24																		
Drive Trace Energy Economy Rating	-0.06																		
Drive Trace Inertia Work Ratio Rating	-0.08																		
Integrated DC KW-HRS	2.972																		
Manufacturer Fuel Economy	28.96																		
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>7.456</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.14</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.21</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.4</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.862</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.97</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.456	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.14	Drive Trace Energy Economy Rating	-0.21	Drive Trace Inertia Work Ratio Rating	0.4	Integrated DC KW-HRS	1.862	Manufacturer Fuel Economy	24.97
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.456																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.14																		
Drive Trace Energy Economy Rating	-0.21																		
Drive Trace Inertia Work Ratio Rating	0.4																		
Integrated DC KW-HRS	1.862																		
Manufacturer Fuel Economy	24.97																		
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>27.852</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-4.41</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.5</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>20.03</td></tr><tr><td>Integrated DC KW-HRS</td><td>10.479</td></tr><tr><td>Manufacturer Fuel Economy</td><td>37.62</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	27.852	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-4.41	Drive Trace Energy Economy Rating	0.5	Drive Trace Inertia Work Ratio Rating	20.03	Integrated DC KW-HRS	10.479	Manufacturer Fuel Economy	37.62
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	27.852																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-4.41																		
Drive Trace Energy Economy Rating	0.5																		
Drive Trace Inertia Work Ratio Rating	20.03																		
Integrated DC KW-HRS	10.479																		
Manufacturer Fuel Economy	37.62																		
Manufacturer Test Comments																			
R1S - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Large Battery Pack, and 20" All-Terrain Tires. UDDS1: 289.82 Wh/mi, UDDS2: 255.86 Wh/mi, UDDS3: 246.31 Wh/mi, UDDS4: 249.71 Wh/mi. UDDS1 Energy: 2165.91 Wh HWY1: 300.51 Wh/mi, HWY2: 289.57 Wh/mi MCT Energy: 108149.96 Wh																			

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--																
Test #	SRIV10088282	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	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	3851	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
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)	127.4																
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	4	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>3.593</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.2</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.65</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.745</td></tr><tr><td>Manufacturer Fuel Economy</td><td>48.55</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.593	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.2	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	1.65	Integrated DC KW-HRS	1.745	Manufacturer Fuel Economy	48.55
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.2																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	1.65																		
Integrated DC KW-HRS	1.745																		
Manufacturer Fuel Economy	48.55																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>3.882</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.62</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.67</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.36</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.507</td></tr><tr><td>Manufacturer Fuel Economy</td><td>38.83</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.882	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.62	Drive Trace Energy Economy Rating	0.67	Drive Trace Inertia Work Ratio Rating	1.36	Integrated DC KW-HRS	1.507	Manufacturer Fuel Economy	38.83		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
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Drive Trace Inertia Work Ratio Rating	1.36																		
Integrated DC KW-HRS	1.507																		
Manufacturer Fuel Economy	38.83																		
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>3.596</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.02</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.17</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.91</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.591</td></tr><tr><td>Manufacturer Fuel Economy</td><td>44.25</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.596	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.02	Drive Trace Energy Economy Rating	1.17	Drive Trace Inertia Work Ratio Rating	0.91	Integrated DC KW-HRS	1.591	Manufacturer Fuel Economy	44.25		
Test Result/Emission Name	Unrounded Test Result																		
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Manufacturer Fuel Economy	44.25																		
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>3.862</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.22</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>0.31</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.556</td></tr><tr><td>Manufacturer Fuel Economy</td><td>40.29</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.862	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.22	Drive Trace Energy Economy Rating	-0.3	Drive Trace Inertia Work Ratio Rating	0.31	Integrated DC KW-HRS	1.556	Manufacturer Fuel Economy	40.29		
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Actual Distance Driven (miles)	3.862																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	-0.3																		
Drive Trace Inertia Work Ratio Rating	0.31																		
Integrated DC KW-HRS	1.556																		
Manufacturer Fuel Economy	40.29																		
Manufacturer Test Comments		R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 20" All-Terrain wheels. Cycle 1: 485.52 Wh/mi, Cycle 2: 388.27 Wh/mi, Cycle 3: 442.46 Wh/mi, Cycle 4: 402.85 Wh/mi																	

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1T386XR20 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0172	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1T Performance Dual Large (20in)						
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	264X2RW	Rated Horsepower	665						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6314	Equivalent Test Weight (pounds)	6500						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0172			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	47.47	0.2441	0.02343	-7.05	0.2157	0.02083	15.8	
Cold CO	52.22	0.2685	0.02577	99.99	0.0999	0.09999	N/A	
US06	47.47	0.2441	0.02343	-7.05	0.2157	0.02083	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 13.7:1 FDU N/V: 139.5 RDU N/V: 112.0						

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--																
Test #	SRIV10088041	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	09/29/2024	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	4075	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
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)	128.33																
Charge Depleting Range (Calculated miles)	462.2	Charge Depleting Range (Actual miles)	462.2																
Charge Depleting Range Highway (Calculated miles)	391.7	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	462.2																
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>7.468</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.33</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.78</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.26</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.977</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.47</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.468	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.33	Drive Trace Energy Economy Rating	-0.78	Drive Trace Inertia Work Ratio Rating	0.26	Integrated DC KW-HRS	1.977	Manufacturer Fuel Economy	26.47
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.468																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.33																		
Drive Trace Energy Economy Rating	-0.78																		
Drive Trace Inertia Work Ratio Rating	0.26																		
Integrated DC KW-HRS	1.977																		
Manufacturer Fuel Economy	26.47																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>10.251</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-2.29</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.42</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.97</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.76</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.92</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.251	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-2.29	Drive Trace Energy Economy Rating	-0.42	Drive Trace Inertia Work Ratio Rating	-2.97	Integrated DC KW-HRS	2.76	Manufacturer Fuel Economy	26.92		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.251																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-2.29																		
Drive Trace Energy Economy Rating	-0.42																		
Drive Trace Inertia Work Ratio Rating	-2.97																		
Integrated DC KW-HRS	2.76																		
Manufacturer Fuel Economy	26.92																		
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>7.446</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.79</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>-1.53</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.723</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.14</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.446	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.79	Drive Trace Energy Economy Rating	-0.46	Drive Trace Inertia Work Ratio Rating	-1.53	Integrated DC KW-HRS	1.723	Manufacturer Fuel Economy	23.14		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.79																		
Drive Trace Energy Economy Rating	-0.46																		
Drive Trace Inertia Work Ratio Rating	-1.53																		
Integrated DC KW-HRS	1.723																		
Manufacturer Fuel Economy	23.14																		
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>29.443</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>16.32</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.47</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>32.74</td></tr><tr><td>Integrated DC KW-HRS</td><td>10.168</td></tr><tr><td>Manufacturer Fuel Economy</td><td>34.53</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	29.443	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	16.32	Drive Trace Energy Economy Rating	-0.47	Drive Trace Inertia Work Ratio Rating	32.74	Integrated DC KW-HRS	10.168	Manufacturer Fuel Economy	34.53		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	29.443																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	16.32																		
Drive Trace Energy Economy Rating	-0.47																		
Drive Trace Inertia Work Ratio Rating	32.74																		
Integrated DC KW-HRS	10.168																		
Manufacturer Fuel Economy	34.53																		
Manufacturer Test Comments		R1T - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Large Battery Pack, and 20" All Season Tires. UDDS1: 264.71 Wh/mi, UDDS2: 239.87 Wh/mi, UDDS3: 227.37 Wh/mi, UDDS4: 231.42 Wh/mi. UDDS1 Energy: 1976.73 Wh HWY1: 281.56 Wh/mi, HWY2: 269.25 Wh/mi MCT Energy: 107886.63 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1T386XR22 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0172	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1T Performance Dual Large (22in)						
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	264X2RW	Rated Horsepower	533						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6314	Equivalent Test Weight (pounds)	6500						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0172			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	39.52	0.1356	0.02583	-6.94	0.1421	0.02367	14.8	
Cold CO	43.47	0.1492	0.02841	-7.85	-0.2801	0.02875	N/A	
US06	39.52	0.1356	0.02583	-6.94	0.1421	0.02367	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		FDU Axle Ratio: 11.0:1 FDU N/V: 140.4						

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10087918	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/21/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3838	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.56	--
DT-EER (Drive Trace Energy Economy Rating)	0.73	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.62	--
MFR FE (Manufacturer Fuel Economy)	22.51	149.7334518
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 22" Tires. Cycle 1: 252.47 Wh/mi, Cycle 2: 202.86 Wh/mi, Cycle 3: 246.30 Wh/mi, Cycle 4: 202.09 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10087919	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/21/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3838	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	3.81	--
DT-EER (Drive Trace Energy Economy Rating)	0.44	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.95	--
MFR FE (Manufacturer Fuel Economy)	26.14	128.9403213
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 22" Tires. Cycle 1: 261.40 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10087920	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/21/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3864	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.97	--
DT-EER (Drive Trace Energy Economy Rating)	-1.33	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-3.85	--
MFR FE (Manufacturer Fuel Economy)	35.35	95.3465347
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 22" Tires. Cycle 1 (City1): 325.61 Wh/mi, Cycle 2 (HWY): 356.36 Wh/mi, Cycle 3 (City2): 390.19 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10087921	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/21/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3880	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.36	--
DT-EER (Drive Trace Energy Economy Rating)	1.37	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.4	--
MFR FE (Manufacturer Fuel Economy)	33.36	101.0341727
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 22" Tires. Cycle 1: 333.62 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10087895	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/19/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3386	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)	128.53
Charge Depleting Range (Calculated miles)	507.82	Charge Depleting Range (Actual miles)	507.82
Charge Depleting Range Highway (Calculated miles)	415.73	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	507.82
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)		7.433	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-0.35	
Drive Trace Energy Economy Rating		-0.29	
Drive Trace Inertia Work Ratio Rating		-0.81	
Integrated DC KW-HRS		1.986	
Manufacturer Fuel Economy		26.71	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>10.264</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-1.88</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.78</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.18</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.756</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.85</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.264	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.88	Drive Trace Energy Economy Rating	-0.78	Drive Trace Inertia Work Ratio Rating	-2.18	Integrated DC KW-HRS	2.756	Manufacturer Fuel Economy	26.85		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.264																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.88																		
Drive Trace Energy Economy Rating	-0.78																		
Drive Trace Inertia Work Ratio Rating	-2.18																		
Integrated DC KW-HRS	2.756																		
Manufacturer Fuel Economy	26.85																		
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>7.456</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.76</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.03</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.54</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.643</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.03</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.456	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.76	Drive Trace Energy Economy Rating	0.03	Drive Trace Inertia Work Ratio Rating	1.54	Integrated DC KW-HRS	1.643	Manufacturer Fuel Economy	22.03		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.456																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.76																		
Drive Trace Energy Economy Rating	0.03																		
Drive Trace Inertia Work Ratio Rating	1.54																		
Integrated DC KW-HRS	1.643																		
Manufacturer Fuel Economy	22.03																		
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>255.211</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>33.71</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.41</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>67.58</td></tr><tr><td>Integrated DC KW-HRS</td><td>85.522</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.85</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	255.211	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	33.71	Drive Trace Energy Economy Rating	-1.41	Drive Trace Inertia Work Ratio Rating	67.58	Integrated DC KW-HRS	85.522	Manufacturer Fuel Economy	26.85		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	255.211																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	33.71																		
Drive Trace Energy Economy Rating	-1.41																		
Drive Trace Inertia Work Ratio Rating	67.58																		
Integrated DC KW-HRS	85.522																		
Manufacturer Fuel Economy	26.85																		
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>7.413</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.31</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.69</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.64</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.553</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.95</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.413	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.31	Drive Trace Energy Economy Rating	0.69	Drive Trace Inertia Work Ratio Rating	0.64	Integrated DC KW-HRS	1.553	Manufacturer Fuel Economy	20.95		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.413																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.31																		
Drive Trace Energy Economy Rating	0.69																		
Drive Trace Inertia Work Ratio Rating	0.64																		
Integrated DC KW-HRS	1.553																		
Manufacturer Fuel Economy	20.95																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>10.241</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.89</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.25</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.32</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.615</td></tr><tr><td>Manufacturer Fuel Economy</td><td>25.53</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.241	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.89	Drive Trace Energy Economy Rating	0.25	Drive Trace Inertia Work Ratio Rating	1.32	Integrated DC KW-HRS	2.615	Manufacturer Fuel Economy	25.53		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.241																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.89																		
Drive Trace Energy Economy Rating	0.25																		
Drive Trace Inertia Work Ratio Rating	1.32																		
Integrated DC KW-HRS	2.615																		
Manufacturer Fuel Economy	25.53																		
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>7.438</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.59</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.58</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.51</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.566</td></tr><tr><td>Manufacturer Fuel Economy</td><td>21.05</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.438	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.59	Drive Trace Energy Economy Rating	0.58	Drive Trace Inertia Work Ratio Rating	1.51	Integrated DC KW-HRS	1.566	Manufacturer Fuel Economy	21.05		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.438																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.59																		
Drive Trace Energy Economy Rating	0.58																		
Drive Trace Inertia Work Ratio Rating	1.51																		
Integrated DC KW-HRS	1.566																		
Manufacturer Fuel Economy	21.05																		
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>33.228</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>-0.34</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>75.74</td></tr><tr><td>Integrated DC KW-HRS</td><td>11.248</td></tr><tr><td>Manufacturer Fuel Economy</td><td>33.85</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	33.228	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.9	Drive Trace Energy Economy Rating	-0.34	Drive Trace Inertia Work Ratio Rating	75.74	Integrated DC KW-HRS	11.248	Manufacturer Fuel Economy	33.85		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	33.228																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99.9																		
Drive Trace Energy Economy Rating	-0.34																		
Drive Trace Inertia Work Ratio Rating	75.74																		
Integrated DC KW-HRS	11.248																		
Manufacturer Fuel Economy	33.85																		
Manufacturer Test Comments		R1T - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Large Battery Pack, and 22" Tires. UDDS1: 267.15 Wh/mi, UDDS2: 220.33 Wh/mi, UDDS3: 209.48 Wh/mi, UDDS4: 210.50 Wh/mi. UDDS1 Energy: 1985.68 Wh HWY1: 268.53 Wh/mi, HWY2: 255.33 Wh/mi MCT Energy: 108888.81 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0172	Evaporative/Refueling Family	--
Test #	SRIV10087922	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/26/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4029	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
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)	128.53
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	4	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		3.588	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-0.89	
Drive Trace Energy Economy Rating		-0.73	
Drive Trace Inertia Work Ratio Rating		-1.72	
Integrated DC KW-HRS		1.519	
Manufacturer Fuel Economy		42.35	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0172	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>3.865</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.03</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.22</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.19</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.363</td></tr><tr><td>Manufacturer Fuel Economy</td><td>35.26</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.865	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.03	Drive Trace Energy Economy Rating	-1.22	Drive Trace Inertia Work Ratio Rating	-0.19	Integrated DC KW-HRS	1.363	Manufacturer Fuel Economy	35.26
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.865																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.03																		
Drive Trace Energy Economy Rating	-1.22																		
Drive Trace Inertia Work Ratio Rating	-0.19																		
Integrated DC KW-HRS	1.363																		
Manufacturer Fuel Economy	35.26																		
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>3.59</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.41</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.26</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.293</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.03</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.59	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.41	Drive Trace Energy Economy Rating	-0.26	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	1.293	Manufacturer Fuel Economy	36.03
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.59																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.41																		
Drive Trace Energy Economy Rating	-0.26																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	1.293																		
Manufacturer Fuel Economy	36.03																		
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>3.874</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.47</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.75</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.96</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.286</td></tr><tr><td>Manufacturer Fuel Economy</td><td>33.2</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.874	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.47	Drive Trace Energy Economy Rating	-0.75	Drive Trace Inertia Work Ratio Rating	0.96	Integrated DC KW-HRS	1.286	Manufacturer Fuel Economy	33.2
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.874																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.47																		
Drive Trace Energy Economy Rating	-0.75																		
Drive Trace Inertia Work Ratio Rating	0.96																		
Integrated DC KW-HRS	1.286																		
Manufacturer Fuel Economy	33.2																		
Manufacturer Test Comments		R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Large Battery Pack, and 22" Tires. Cycle 1: 423.47 Wh/mi, Cycle 2: 352.62 Wh/mi, Cycle 3: 360.28 Wh/mi, Cycle 4: 331.97 Wh/mi,																	
Fuel Properties																			

Certification Summary Information Report

Test Group		VRIVT00.0172			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 4 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	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 4 Bin 0	
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o can. load)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			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	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group		VRIVT00.0172			Evaporative/Refueling Family			--	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 4 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	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			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	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			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	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group		VRIVT00.0172	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		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
CO	Carbon Monoxide		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
CO2	Carbon dioxide		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
CREE	Carbon-Related Exhaust Emissions		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
NOX	Nitrogen Oxide		LEAK-DIA	Effective Leak Diameter (inches)	
PM	Particulate Matter		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
PM-COMP	SFTP Composite Particulate Matter		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
HC-NM	Non-methane Hydrocarbon		KW-HRS	Integrated DC KW-HRS	
OMHCE	Organic material Hydrocarbon Equivalent		CH4 BAG 1	Bag 1 Methane	
OMNMHCE	Organic material non-methane HC equivalent		CH4 BAG 2	Bag 2 Methane	
NMOG	Non-methane organic gases		CH4 BAG 3	Bag 3 Methane	
HCHO	Formaldehyde		CH4 BAG 4	Bag 4 Methane	
H3C2HO	Acetaldehyde		CO BAG 1	Bag 1 Carbon Monoxide	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		CO BAG 2	Bag 2 Carbon Monoxide	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		CO BAG 3	Bag 3 Carbon Monoxide	
CO-COMP	SFTP Composite Carbon Monoxide		CO BAG 4	Bag 4 Carbon Monoxide	
ETHANOL	C2H5OH - Ethanol		NMOG BAG 1	Bag 1 Non-methane organic gases	
FE BAG 1	Bag 1 Fuel Economy		NMOG BAG 2	Bag 2 Non-methane organic gases	
FE BAG 2	Bag 2 Fuel Economy		NMOG BAG 3	Bag 3 Non-methane organic gases	
FE BAG 3	Bag 3 Fuel Economy		NMOG BAG 4	Bag 4 Non-methane organic gases	
FE BAG 4	Bag 4 Fuel Economy		ACT-DISTANCE BAG 1	Bag 1 Actual Distance	
MFR FE	Manufacturer Fuel Economy		ACT-DISTANCE BAG 2	Bag 2 Actual Distance	
HC	Hydrocarbon for Running Loss and ORVR		ACT-DISTANCE BAG 3	Bag 3 Actual Distance	
METHANE	CH4 - Methane		ACT-DISTANCE BAG 4	Bag 4 Actual Distance	
METHANOL	CH3OH - Methanol		HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon	
N2O	Nitrous Oxide		HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon	
SPITBACK	Spitback Hydrocarbon in grams		HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon	
AMP-HRS	Integrated Amp-hours		HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon	
START-SOC	System Start State of Charge Watt-hours		WATT-HRS BAG 1	Bag 1 Watt Hours	
END-SOC	System End State of Charge Watt-hours		WATT-HRS BAG 2	Bag 2 Watt Hours	

Certification Summary Information Report

Test Group		VRIVT00.0172	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group		VRIVT00.0172	Evaporative/Refueling Family		--
L2ULEV340	California LEV-II ULEV340		L4SULEV85	California LEV-IV SULEV85	
L2LEV630	California LEV-II LEV630		L4ULEV125	California LEV-IV ULEV125	
L2ULEV570	California LEV-II ULEV570		L4ULEV200	California LEV-IV ULEV200	
L3LEV160	California LEV-III LEV160		L4ULEV250	California LEV-IV ULEV250	
L3ULEV125	California LEV-III ULEV125		L4ULEV270	California LEV-IV ULEV270	
L3ULEV70	California LEV-III ULEV70		L4ULEV40	California LEV-IV ULEV40	
L3ULEV50	California LEV-III ULEV50		L4ULEV400	California LEV-IV ULEV400	
L3SULEV30	California LEV-III SULEV30		L4ULEV50	California LEV-IV ULEV50	
L3SULEV20	California LEV-III SULEV20		L4ULEV60	California LEV-IV ULEV60	
L3LEV395	California LEV-III LEV395		L4ULEV70	California LEV-IV ULEV70	
L3ULEV340	California LEV-III ULEV340		T4B170	Federal Tier 4 MDV Bin 170	
L3ULEV250	California LEV-III ULEV250		T4B150	Federal Tier 4 MDV Bin 150	
L3ULEV200	California LEV-III ULEV200		T4B125	Federal Tier 4 MDV Bin 125	
L3SULEV170	California LEV-III SULEV170		T4B100	Federal Tier 4 MDV Bin 100	
L3SULEV150	California LEV-III SULEV150		T4B85	Federal Tier 4 MDV Bin 85	
L3LEV630	California LEV-III LEV630		T4B75	Federal Tier 4 MDV Bin 75	
L3ULEV570	California LEV-III ULEV570		T4B70	Federal Tier 4 Bin 70	
L3ULEV400	California LEV-III ULEV400		T4B65	Federal Tier 4 Bin 65	
L3ULEV270	California LEV-III ULEV270		T4B60	Federal Tier 4 Bin 60	
L3SULEV230	California LEV-III SULEV230		T4B55	Federal Tier 4 Bin 55	
L3SULEV200	California LEV-III SULEV200		T4B50	Federal Tier 4 Bin 50	
T3B160	Federal Tier 3 Bin 160		T4B45	Federal Tier 4 Bin 45	
T3B125	Federal Tier 3 Bin 125		T4B40	Federal Tier 4 Bin 40	
T3B110	Federal Tier 3 Transitional Bin 110		T4B35	Federal Tier 4 Bin 35	
T3B85	Federal Tier 3 Transitional Bin 85		T4B30	Federal Tier 4 Bin 30	
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover		T4B25	Federal Tier 4 Bin 25	
T3B70	Federal Tier 3 Bin 70		T4B20	Federal Tier 4 Bin 20	
T3B50	Federal Tier 3 Bin 50		T4B15	Federal Tier 4 Bin 15	
T3B30	Federal Tier 3 Bin 30		T4B10	Federal Tier 4 Bin 10	
T3B20	Federal Tier 3 Bin 20		T4B5	Federal Tier 4 Bin 5	
T3B0	Federal Tier 3 Bin 0		T4B0	Federal Tier 4 Bin 0	
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		

Certification Summary Information Report

Test Group		VRIVT00.0172		Evaporative/Refueling Family		--	
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		

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 22027 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0172Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 ($\geq 3,751$ lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW) X, MDV7 (10,001-14,000 lbs. GVW)____ZEV Type: NEV____, ZEV XVehicle value: 0.8 (ACT)Fuel Type: Electro-chemical Battery X, Fuel Cell____, Capacitor____, Other (specify)____

Battery Type(s): Lead Acid____ Nickel Cadmium____ SBLA____ Sodium Sulfur____

Sodium Nickel Chloride____ Nickel Metal Hydride____ Lithium Metal Disulfide____

Zinc Air____ Zinc Bromine____ Lithium Polymer____ Lithium Ion X,

Other (specify): _____

Total Battery Weight (kg.): 634 Total Battery Volume (liters): 521No. of batteries or modules per vehicle: 1 Total Battery Voltage: 407Charger(s): On-board X Off-board X Conductive X Inductive____.

Drive Motors(s): AC Induction____ DC Brush____. DC Brushless____

Switched Reluctance____ Other (specify): AC Permanent Magnet.No. of Drive Motors 2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.Drive: FWD____ RWD____ 4WD-FT____ 4WD-PT XRegenerative Braking: No____ Yes X FW____ RW____ AW X.Driver Controlled Regen Braking: Yes X No____ Coast Regen Braking: Yes X No____.Air Conditioning: Yes X No____, Fuel Fired Heater:¹ Yes____ No X.

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA / RLHP or Dyno Coeff. a=, b=, c=
Make: Rivian Model: R1S Premium (20in AT)	Automatic	8532 lbs.	6453 lbs. (R1S)	7000 lbs.	a: 49.42 lbf b: 0.4286 lbf/mph c: 0.02320 lbf/mph ²

Date Issued: 05/22/2026

Revisions:

¹ Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently.

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 2 of 22027 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0172

Range Test Results							
Vehicle ID	Trans	(check one) ____ TW <u> X </u> ETW	(check one) ____ DPA ____ RLHP Or dyno coeff.	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
R1S378XR20AT	Auto	7000 lbs.	a: -8.95 lbf b: 0.1717 lbf/mph c: 0.02220 lbf/mph ²	415.278	296.17	251.41	251.41
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				366.561	347.56	295.04	295.04

Battery Test Results: PASS Specific Energy: Wh/kg 167

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Premium w/ 665 Hp

Date Issued: 05/22/2026

Revisions:

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Application:

Processed By: _____ Date: _____ Reviewed by: _____ Date: _____

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 22027 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0172Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 ($\geq$ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW) X, MDV7 (10,001-14,000 lbs. GVW)____ZEV Type: NEV____, ZEV XVehicle Value: 0.8 (ACT)Fuel Type: Electro-chemical Battery X, Fuel Cell____, Capacitor____, Other (specify)____

Battery Type(s): Lead Acid____ Nickel Cadmium____ SBLA____ Sodium Sulfur____

Sodium Nickel Chloride____ Nickel Metal Hydride____ Lithium Metal Disulfide____

Zinc Air____ Zinc Bromine____ Lithium Polymer____ Lithium Ion X,

Other (specify): _____

Total Battery Weight (kg.): 634 Total Battery Volume (liters): 521No. of batteries or modules per vehicle: 1 Total Battery Voltage: 407Charger(s): On-board X Off-board X Conductive X Inductive____.

Drive Motors(s): AC Induction____ DC Brush____. DC Brushless____

Switched Reluctance____ Other (specify): AC Permanent Magnet.No. of Drive Motors 2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.Drive: FWD____ RWD____ 4WD-FT____ 4WD-PT XRegenerative Braking: No____ Yes X FW____ RW____ AW X.Driver Controlled Regen Braking: Yes X No____ Coast Regen Braking: Yes X No____.Air Conditioning: Yes X No____, Fuel Fired Heater:¹ Yes____ No X.

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA / RLHP or Dyno Coeff. a=, b=, c=
Make: Rivian Model: R1T Premium (20in)	Automatic	8532 lbs.	6314 lbs. (R1T)	6500 lbs.	a: 47.47 lbf b: 0.2441 lbf/mph c: 0.02343 lbf/mph ²

Date Issued: 05/22/2026

Revisions:

¹ Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently.

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 2 of 22027 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0172

Range Test Results							
Vehicle ID	Trans	(check one) ____TW ____X____ETW	(check one) ____DPA ____RLHP Or dyno coeff.	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
R1T386XR20	Auto	6500 lbs.	a: -7.05 lbf b: 0.2157 lbf/mph c: 0.02083 lbf/mph ²	462.10	277.72	233.47	233.47
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				391.74	327.60	275.40	275.40

Battery Test Results: PASS Specific Energy: Wh/kg 167

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Premium w/ 665 Hp

Date Issued: 05/22/2026 Revisions:

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Application:

Processed By: _____ Date: _____ Reviewed by: _____ Date: _____

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 22027 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0172Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 ($\geq$ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW) X, MDV7 (10,001-14,000 lbs. GVW)____ZEV Type: NEV____, ZEV XVehicle value: 0.8 (ACT)Fuel Type: Electro-chemical Battery X, Fuel Cell____, Capacitor____, Other (specify)____

Battery Type(s): Lead Acid____ Nickel Cadmium____ SBLA____ Sodium Sulfur____

Sodium Nickel Chloride____ Nickel Metal Hydride____ Lithium Metal Disulfide____

Zinc Air____ Zinc Bromine____ Lithium Polymer____ Lithium Ion X,

Other (specify): _____

Total Battery Weight (kg.): 634 Total Battery Volume (liters): 521No. of batteries or modules per vehicle: 1 Total Battery Voltage: 407Charger(s): On-board X Off-board X Conductive X Inductive____.

Drive Motors(s): AC Induction____ DC Brush____. DC Brushless____

Switched Reluctance____ Other (specify): AC Permanent Magnet.No. of Drive Motors 2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.Drive: FWD____ RWD____ 4WD-FT____ 4WD-PT XRegenerative Braking: No____ Yes X FW____ RW____ AW X.Driver Controlled Regen Braking: Yes X No____ Coast Regen Braking: Yes X No____.Air Conditioning: Yes X No____, Fuel Fired Heater:¹ Yes____ No X.

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA / RLHP or Dyno Coeff. a=, b=, c=
Make: Rivian Model: R1T Premium (22in)	Automatic	8532 lbs.	6314 lbs. (R1T)	6500 lbs.	a: 39.52 lbf b: 0.1356 lbf/mph c: 0.02583 lbf/mph ²

Date Issued: 05/22/2026

Revisions:

¹ Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently.

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 2 of 22027 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0172

Range Test Results							
Vehicle ID	Trans	(check one) ____TW ____X____ETW	(check one) ____DPA ____RLHP Or dyno coeff.	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
R1T386XR22	Auto	6500 lbs.	a: -6.94 lbf b: -0.1421 lbf/mph c: 0.02367 lbf/mph ²	507.82	253.09	214.43	214.43
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				415.73	309.16	261.92	261.92

Battery Test Results: PASS Specific Energy: Wh/kg 167

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Premium w/ 665 Hp.

Date Issued: 05/22/2026 Revisions:

----- ARB USE ONLY -----

Application:

Processed By: _____ Date: _____ Reviewed by: _____ Date: _____

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 05/13/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

RIV

Manufacturer Name *

Rivian Automotive LLC

Contact Name *

Sep Zaker

Contact Email Address *

sepzaker@rivian.com

Contact Phone *

Calendar Year complete application submitted
to EPA *

2026

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2026, through December 31, 2026. The applicable fee is determined by the

calendar year in which the complete certification application is received, not the model year.

Engine Family / Evaporative Family / Test Group *

VRIVT00.0172

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

- ☒ On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (Federal) (A, B, D, J, T, V)
- ☐ On-Highway HDE Dyno Cert (Federal) (E, H)
- ☐ On-Highway LD ICI, MDPV ICI, HDV ICI (A, B, D, J, T, V)
- ☐ On-Highway Motorcycle (C)
- ☐ On-Highway HDV Evap (F)
- ☐ On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (California-Only) (A, B, D, J, T, V)
- ☐ On-Highway HDE Dyno Cert (California-Only) (E, H)
- ☐ Nonroad CI (L)
- ☐ Nonroad SI (B, S)
- ☐ Locomotive (G, K)
- ☐ All Nonroad Recreational, excluding Marine engines (X, Y)
- ☐ All Marine (Including IMO) (M, N, W)
- ☐ Component Certification for Evaporative Emissions (P)

IMO Name (Required for dual US/IMO Marine Only)

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,317.00

Payment Type *

Online ACH

Comments

EPA Form Number 3520-29

OMB Control No. 2060-0545

Approval expires 7/31/2027

The public reporting and recordkeeping burden for this collection of information is estimated to average 12 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.