



RIVIAN AUTOMOTIVE, LLC

Application for Certification - Part 1 (Carryover)

2027 Model Year

EPA Manufacturer Code: RIV

Test Group: VRIVT00.0SEP

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 Long Range (20in) Rivian R1S Premium Long Range (20in) Rivian R1T Premium Long Range (22in) Rivian R1S Premium Long Range (22in) Rivian R1T Premium Long Range (20in AT) Rivian R1S Premium Long Range (20in AT)
Document Date:	05/28/2026

For Questions, Contact:
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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 VRIVT00.0SEP.

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:	VRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

Rivian R1T Premium Long Range (20in)
Rivian R1S Premium Long Range (20in)
Rivian R1T Premium Long Range (22in)
Rivian R1S Premium Long Range (22in)
Rivian R1T Premium Long Range (20in AT)
Rivian R1S Premium Long Range (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.

Sephehr Zakeresfahani
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 VRIVT00.0SEP.

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:	VRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

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

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Sepehr Zakeresfahani
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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 VRIVT00.0SEP.

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:	VRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

- Rivian R1T Premium Long Range (20in)
- Rivian R1S Premium Long Range (20in)
- Rivian R1T Premium Long Range (22in)
- Rivian R1S Premium Long Range (22in)
- Rivian R1T Premium Long Range (20in AT)
- Rivian R1S Premium Long Range (20in AT)

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Sepehr Zakeresfahani
Director, Homologation

 05/28/2026





14600 Myford Road
Irvine, CA 92606

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

Subject: MY 2027 Rivian Medium-Duty Vehicles Initial Application for issuance of an Executive Order for Test Group VRIVT00.0SEP.

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:	VRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
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Vehicles Covered by this certificate:

- Rivian R1T Premium Long Range (20in)
- Rivian R1S Premium Long Range (20in)
- Rivian R1T Premium Long Range (22in)
- Rivian R1S Premium Long Range (22in)
- Rivian R1T Premium Long Range (20in AT)
- Rivian R1S Premium Long Range (20in AT)

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Sepehr Zakeresfahani
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: Sep Zaker

01.01.01 Certification Information

Rivian Automotive, LLC
14600 Myford Road
Irvine, CA 92606

01.01.02 Responsible official

Primary Contact:
Sep Zaker
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 Long Range (20in)	44.85	0.6305	0.01817	6723	7023	7,000	8,532	275/60R20
R1S Premium Long Range (22in)	42.05	0.4994	0.01991	6713	7013	7,000	8,532	275/50R22
R1S Premium Long Range (20in AT)	51.75	0.5846	0.01675	6860	7160	7,000	8,532	275/65R20
R1T Premium Long Range 20in)	41.99	0.6378	0.01932	6688	6988	7,000	8,532	275/60R20
R1T Premium Long Range (22in)	45.22	0.07800	0.02437	6687	6987	7,000	8,532	275/50R22
R1T Premium Long Range (20in AT)	54.16	0.6637	0.01674	6864	7164	7,000	8,532	275/65R20

03.04.00 Test Procedures

03.04.01 Range Test Procedures

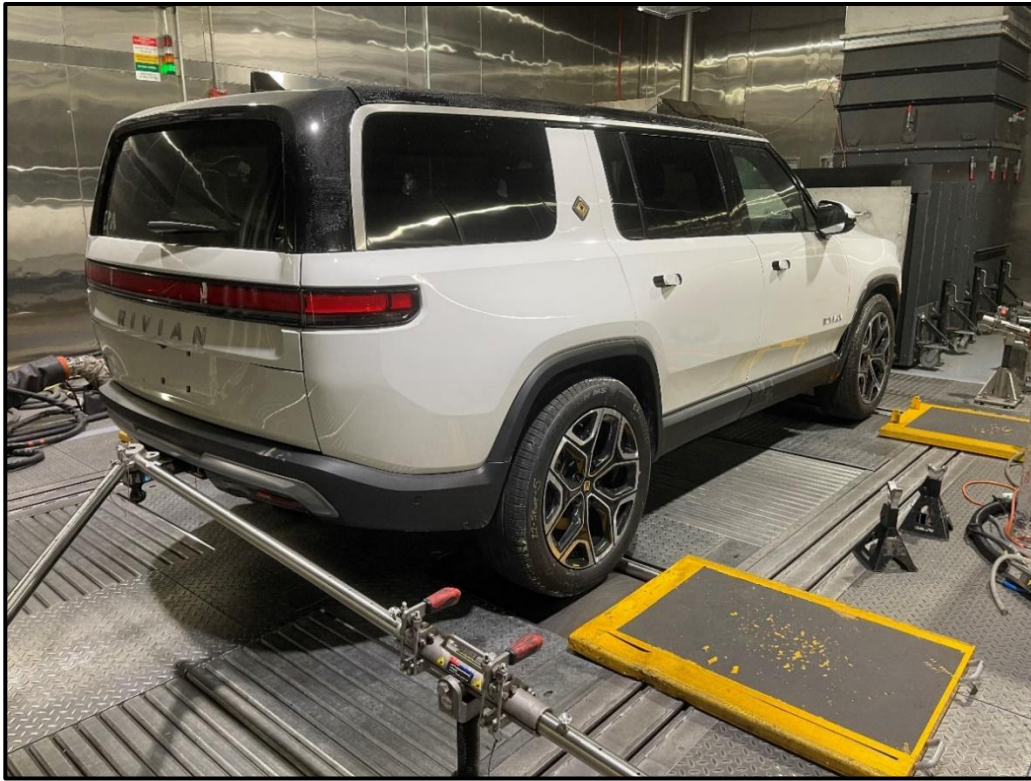
03.04.02 Description of Coastdown

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 maximum 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	mm²/s	6.3
Viscosity, Kinematic 40°C	ASTM D445	mm²/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

Coolant: L228

Performance of L228 According to ASTM D3306

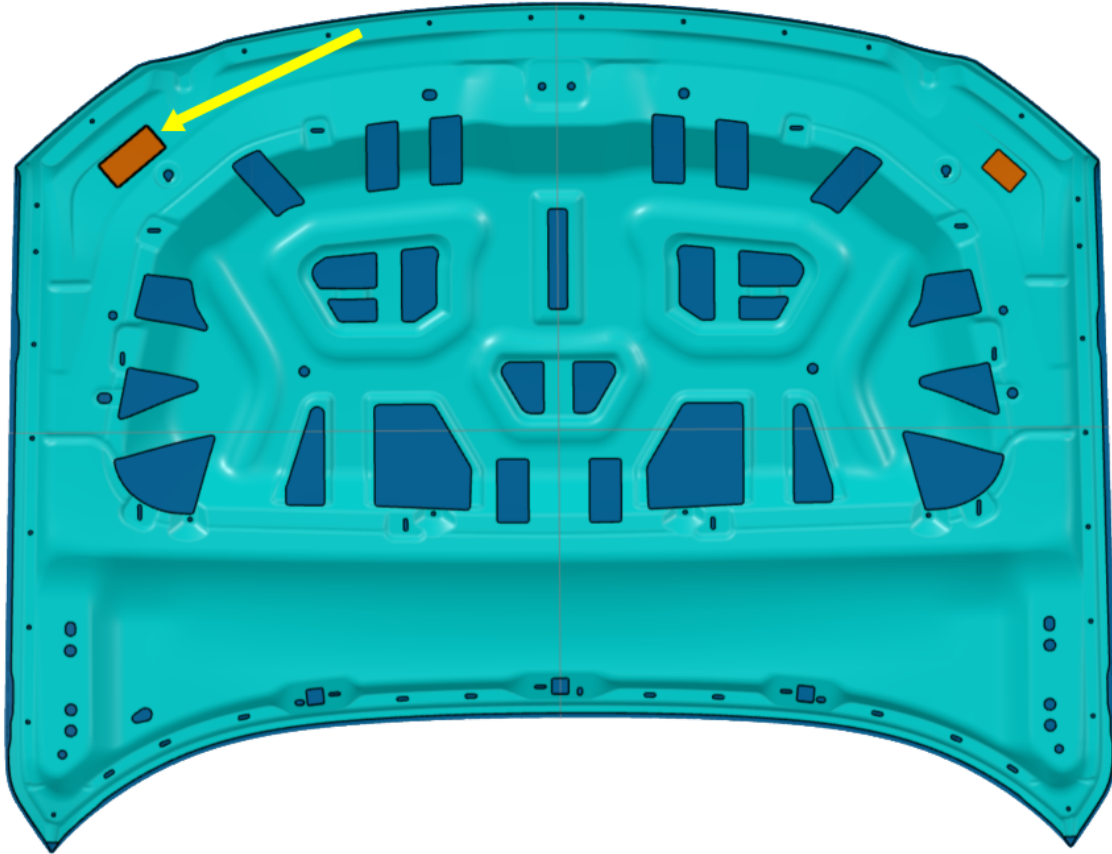
Table 1 – ASTM D3306 Results			
Item		ASTM D3306 Type I	CCI L288
Color		Distinctive	Yellow
Relative Density 15.5/15.5°C		1.110 ~ 1.145	1.128
Freezing Point °C	50 vol% in DI water	-36.4 max.	-37
Boiling Point °C	50 vol% in DI water	108 min.	109
Ash content mass%		5 max.	1.7
pH	50 vol% in DI water	7.5 ~ 11.0	7.6
Chloride μg/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.
		Solder	30 max.
		Brass	10 max.
		Steel	10 max.
		Cast Iron	10 max.
		Aluminum	30 max.
Simulated Service Test	Weight Loss ⁽¹⁾ mg/Specimen	Copper	20 max.
		Solder	60 max.
		Brass	20 max.
		Steel	20 max.
		Cast Iron	20 max.
		Aluminum	60 max.
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

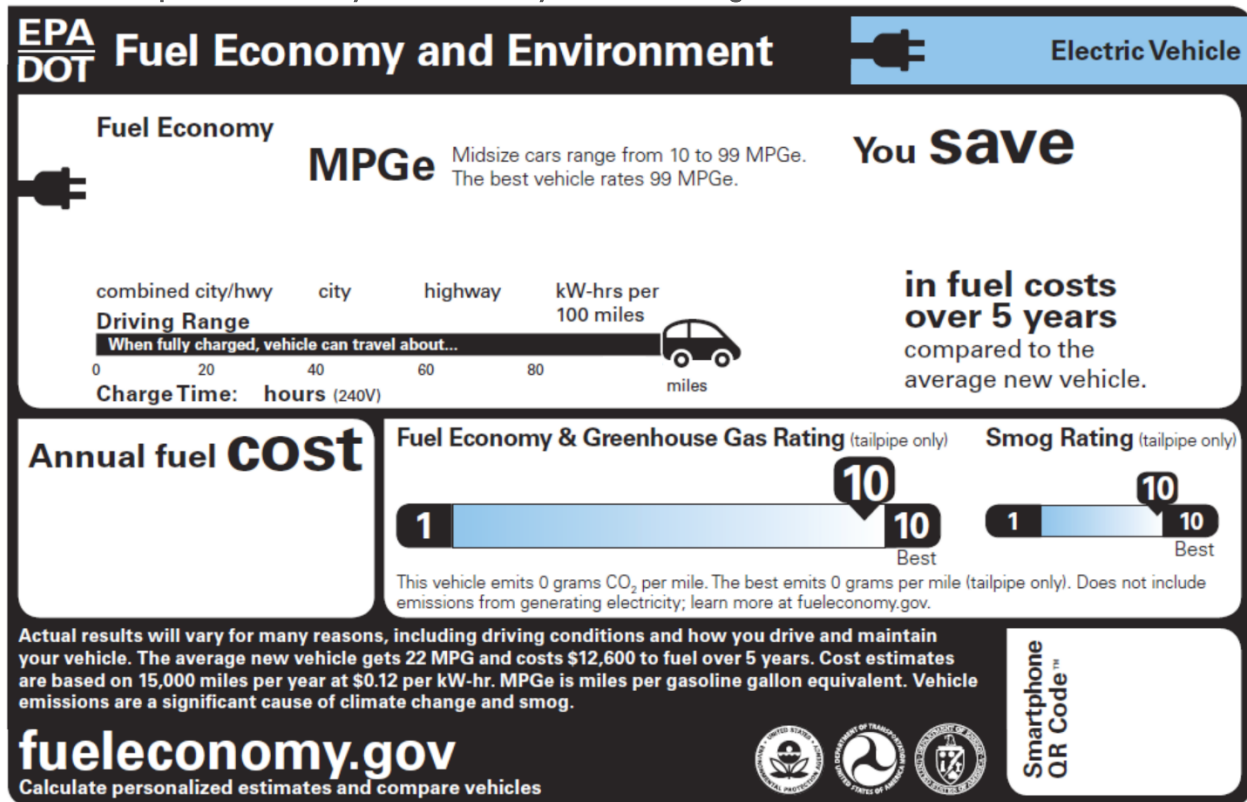
Under-hood, passenger-side, near front of the vehicle.



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

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

The battery warranty for in vehicle use is 8 years or 150k miles, whichever occurs first. See 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

Rivian R1T and R1S will be compatible with SAE J1772 using an approved adapter. A complementary J1772 AC Adapter will be provided with the vehicle to enable this NACS vehicle to charge on J1772 chargers during delivery.

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:

R1S Premium Long Range (22in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2025

Vehicle R1S 247X (22")

Test Number

Comments: **ALL PURPOSE**

Lab FEV

Test Date **2/1/2024**

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	1926.59	7.432	259.24	64.81	3.51	162620.9
UDDS2	1755.36	7.439	235.97	58.99	77.59	
UDDS3	1651.35	7.401	223.12	55.78	73.37	
UDDS4	1674.32	7.426	225.47	56.37	74.14	
HWY1	2837.95	10.250	276.87	138.43		
HWY2	2709.44	10.271	263.79	131.89		
SS1	110132.8	319.862	344.31			
SS2	19647.78	56.908	345.25			
TOTAL	142335.59	426.990				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.014	0.329	0.329	0.328	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	603.25	269.58			
UDDSw	622.627	261.18	129.0465	26.1185	26.11850
HWY	526.528	308.86	109.1287	30.8855	30.88555

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	228.6048	4.3744	3.8287
HFEDS	270.3289	3.6992	3.2378

R1T Premium Long Range (22in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2025

D.Good March 8, 2016

Vehicle R1T 240X (22")

Test Number

Comments: **ALL PURPOSE**

Lab FEV

Test Date **4/12/2024**

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	1827.62	7.432	245.91	61.48	3.14	163926
UDDS2	1712.31	7.438	230.20	57.55	75.75	
UDDS3	1648.77	7.455	221.18	55.29	72.79	
UDDS4	1660.36	7.456	222.69	55.67	73.28	
HWY1	2716.52	10.258	264.81	132.41		
HWY2	2634.79	10.269	256.58	128.29		
SS1	109892.73	318.792	344.72			
SS2	21238.11	63.269	335.68			
TOTAL	143331.22	432.369				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.013	0.329	0.329	0.329	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	623.20	263.04			
UDDSw	637.14	257.28	131.0032	25.7284	25.72837
HWY	549.80	298.16	113.0441	29.8158	29.81579

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	224.9594	4.4452	3.8868
HFEDS	260.6983	3.8359	3.3539

R1S Premium Long Range (20in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2025

Vehicle R1S 247X (20")

Test Number

Comments: **ALL PURPOSE**

Test Date **2/24/2024**

D.Good

March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	1961.58	7.448	263.36	65.84	3.64	162327
UDDS2	1835.75	7.452	246.34	61.58	80.98	
UDDS3	1785.37	7.463	239.22	59.81	78.64	
UDDS4	1804.72	7.456	242.03	60.51	79.56	
HWY1	2948.12	10.258	287.41	143.70		
HWY2	2882.23	10.259	280.93	140.47		
SS1	105567.11	293.285	359.95			
SS2	23073.34	63.622	362.67			
TOTAL	141858.22	407.244				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.014	0.329	0.329	0.328	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	572.61	283.48			
UDDSw	584.213	277.86	121.3038	27.7856	27.78560
HWY	499.200	325.17	103.6521	32.5174	32.51744

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	242.8195	4.1183	3.5990
HFEDS	284.1712	3.5190	3.0753

R1T Premium Long Range (20in AT)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2025

D.Good

March 8, 2016

Vehicle R1T 240X All-Terrain (20")

Test Number

Comments: **ALL PURPOSE**

Test Date **4/1/2024**

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwgt	Recharge AC WattHrs
UDDS1	2144.84	7.434	288.51	72.13	4.29	164269.7
UDDS2	2008.97	7.460	269.31	67.33	88.44	
UDDS3	1923.79	7.404	259.84	64.96	85.33	
UDDS4	1948.88	7.422	262.57	65.64	86.22	
HWY1	3072.17	10.253	299.65	149.82		
HWY2	2993.70	10.264	291.66	145.83		
SS1	114009.77	313.623	363.52			
SS2	16129.18	43.936	367.11			
TOTAL	144231.30	407.796				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.015	0.328	0.328	0.328	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	534.07	307.58			
UDDSw	545.76	300.99	111.9795	30.0992	30.09925
HWY	487.84	336.73	100.0956	33.6728	33.67281

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	264.2760	3.7839	3.3223
HFEDS	295.6524	3.3824	2.9698

Certification Summary Information Report

Manufacturer	Rivian Automotive LLC	Manufacturer Code	RIV
Test Group	VRIVT00.0SEP	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 10:03:14 AM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

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

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
Fuel Cell Indicator	No	EPA Vehicle Class	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	VRIVR00000SEP	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	VRIVT00.0SEP
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 NEW VEHICLE MODEL NAMES: Rivian R1T Premium Long Range (20in), Rivian R1S Premium Long Range (20in), Rivian R1T Premium Long Range (22in), Rivian R1S Premium Long Range (22in), Rivian R1T Premium Long Range (20in AT), Rivian R1S Premium Long Range (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	VRIVT00.0SEP		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	750 - R1T Premium Long Range (20in AT)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	750 - R1T Premium Long Range (20in AT)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	720 - R1T Premium Long Range (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	552 - R1S Premium Long Range (22in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	720 - R1T Premium Long Range (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	752 - R1T Premium Long Range (22in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	552 - R1S Premium Long Range (22in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	550 - R1S Premium Long Range (20in AT)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	520 - R1S Premium Long Range (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	520 - R1S Premium Long Range (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	752 - R1T Premium Long Range (22in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	550 - R1S Premium Long Range (20in AT)	Federal	Part-time 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	--						

Certification Summary Information Report

Test Group		VRIVT00.0SEP				Evaporative/Refueling Family		--			
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		--	--	--	--	--	--	--	--	--	--

SFTP LEV-III Official Test Numbers			
Test Group Fuel	FTP	US06	SC03
Electricity	--	--	--

Hybrid Electric Vehicle And Fuel Cell Information			
Rechargable Energy Storage System	Battery(s)	Rechargable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	392	Battery Energy Capacity	382
Battery Specific Energy	190	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 (Default) Drive Mode		

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1S247XR20 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0SEP	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S Performance Dual Max (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	Part-time 4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6723	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		VRIVT00.0SEP			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	42.03	0.6373	0.0194	-9.41	0.1571	0.02363	16.3	
Cold CO	46.23	0.701	0.02134	-16.11	-0.068	0.0263	N/A	
US06	42.03	0.6373	0.0194	-9.41	0.1571	0.02363	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	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085608	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/20/2024	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	3573	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)	1.25	--
DT-EER (Drive Trace Energy Economy Rating)	0.93	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.1	--
MFR FE (Manufacturer Fuel Economy)	25.52	132.072884
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, Max Battery Pack, and 20" Tires. Cycle 1: 284.89 Wh/mi, Cycle 2: 232.02 Wh/mi, Cycle 3: 275.89 Wh/mi, Cycle 4: 231.46 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085606	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/20/2024	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	3573	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)	3.56	--
DT-EER (Drive Trace Energy Economy Rating)	0.21	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.58	--
MFR FE (Manufacturer Fuel Economy)	28.68	117.5209205
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, Max Battery Pack, and 20" Tires. Cycle 1: 286.83 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085610	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/21/2024	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	3605	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)	-0.17	--
DT-EER (Drive Trace Energy Economy Rating)	-0.75	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.57	--
MFR FE (Manufacturer Fuel Economy)	38.69	87.1155337
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, Max Battery Pack, and 20" Tires. Cycle 1 (City1): 362.67 Wh/mi, Cycle 2 (HWY): 385.73 Wh/mi, Cycle 3 (City2): 462.82 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085612	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/20/2024	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	3598	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)	-0.6	--
DT-EER (Drive Trace Energy Economy Rating)	-0.23	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.26	--
MFR FE (Manufacturer Fuel Economy)	33.71	99.9851676
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, Max Battery Pack, and 20" Tires. Cycle 1: 337.14 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--																
Test #	SRIV10085604	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	02/23/2024	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	3783	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)	162.33																
Charge Depleting Range (Calculated miles)	584.21	Charge Depleting Range (Actual miles)	584.21																
Charge Depleting Range Highway (Calculated miles)	499.2	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	584.21																
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>7.448</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.49</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.88</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.64</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.962</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.34</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.448	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.49	Drive Trace Energy Economy Rating	-0.88	Drive Trace Inertia Work Ratio Rating	-0.64	Integrated DC KW-HRS	1.962	Manufacturer Fuel Economy	26.34
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.448																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.49																		
Drive Trace Energy Economy Rating	-0.88																		
Drive Trace Inertia Work Ratio Rating	-0.64																		
Integrated DC KW-HRS	1.962																		
Manufacturer Fuel Economy	26.34																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	10.258
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	0.11
		Drive Trace Energy Economy Rating	-0.1
		Drive Trace Inertia Work Ratio Rating	0.28
		Integrated DC KW-HRS	2.948
		Manufacturer Fuel Economy	28.74
Charge Depleting Bag/Phase #3			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.452
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	-0.05
		Drive Trace Energy Economy Rating	-0.21
		Drive Trace Inertia Work Ratio Rating	0.2
		Integrated DC KW-HRS	1.836
		Manufacturer Fuel Economy	24.63
Charge Depleting Bag/Phase #4			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	293.285
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	12.56
		Drive Trace Energy Economy Rating	-1.39
		Drive Trace Inertia Work Ratio Rating	25.1
		Integrated DC KW-HRS	105.57
		Manufacturer Fuel Economy	35.99
Charge Depleting Bag/Phase #5			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.463
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	0.94
		Drive Trace Energy Economy Rating	0.33
		Drive Trace Inertia Work Ratio Rating	1.59
		Integrated DC KW-HRS	1.785
		Manufacturer Fuel Economy	23.92
Charge Depleting Bag/Phase #6			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>10.259</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.26</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.08</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.44</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.882</td></tr><tr><td>Manufacturer Fuel Economy</td><td>28.09</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.259	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.26	Drive Trace Energy Economy Rating	0.08	Drive Trace Inertia Work Ratio Rating	1.44	Integrated DC KW-HRS	2.882	Manufacturer Fuel Economy	28.09		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.259																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.26																		
Drive Trace Energy Economy Rating	0.08																		
Drive Trace Inertia Work Ratio Rating	1.44																		
Integrated DC KW-HRS	2.882																		
Manufacturer Fuel Economy	28.09																		
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>0.66</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>1.15</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.805</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.2</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	0.66	Drive Trace Energy Economy Rating	0.16	Drive Trace Inertia Work Ratio Rating	1.15	Integrated DC KW-HRS	1.805	Manufacturer Fuel Economy	24.2		
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Drive Trace Energy Economy Rating	0.16																		
Drive Trace Inertia Work Ratio Rating	1.15																		
Integrated DC KW-HRS	1.805																		
Manufacturer Fuel Economy	24.2																		
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>63.622</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.01</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>99</td></tr><tr><td>Integrated DC KW-HRS</td><td>23.073</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.27</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	63.622	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99	Drive Trace Energy Economy Rating	1.01	Drive Trace Inertia Work Ratio Rating	99	Integrated DC KW-HRS	23.073	Manufacturer Fuel Economy	36.27		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99																		
Drive Trace Energy Economy Rating	1.01																		
Drive Trace Inertia Work Ratio Rating	99																		
Integrated DC KW-HRS	23.073																		
Manufacturer Fuel Economy	36.27																		
Manufacturer Test Comments		R1S - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Max Battery Pack, and 20" Tires. UDDS1: 263.36 Wh/mi, UDDS2: 246.34 Wh/mi, UDDS3: 239.22 Wh/mi, UDDS4: 242.03 Wh/mi. UDDS1 Energy: 1961.58 Wh HWY1: 287.41 Wh/mi, HWY2: 280.93 Wh/mi MCT Energy: 141858.22 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--																
Test #	SRIV10085613	Test Procedure	86 - Charge Depleting 20 Degree F FTP																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	03/06/2024	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	4341	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)	162.33																
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>3.594</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.03</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.56</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.57</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.757</td></tr><tr><td>Manufacturer Fuel Economy</td><td>48.89</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.594	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.03	Drive Trace Energy Economy Rating	0.56	Drive Trace Inertia Work Ratio Rating	1.57	Integrated DC KW-HRS	1.757	Manufacturer Fuel Economy	48.89
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Integrated DC KW-HRS	1.757																		
Manufacturer Fuel Economy	48.89																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>3.864</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.63</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.31</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.9</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.544</td></tr><tr><td>Manufacturer Fuel Economy</td><td>39.96</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.864	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.63	Drive Trace Energy Economy Rating	-0.31	Drive Trace Inertia Work Ratio Rating	0.9	Integrated DC KW-HRS	1.544	Manufacturer Fuel Economy	39.96		
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Integrated DC KW-HRS	1.544																		
Manufacturer Fuel Economy	39.96																		
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>3.593</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.72</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.86</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.537</td></tr><tr><td>Manufacturer Fuel Economy</td><td>42.77</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	1.72	Drive Trace Energy Economy Rating	1	Drive Trace Inertia Work Ratio Rating	2.86	Integrated DC KW-HRS	1.537	Manufacturer Fuel Economy	42.77		
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Manufacturer Fuel Economy	42.77																		
Charge Depleting Bag/Phase #4																			
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Drive Trace Inertia Work Ratio Rating	1.65																		
Integrated DC KW-HRS	1.389																		
Manufacturer Fuel Economy	35.96																		
Manufacturer Test Comments		R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Max Battery Pack, and 20" Tires. Cycle 1: 488.89 Wh/mi, Cycle 2: 399.63 Wh/mi, Cycle 3: 427.70 Wh/mi, Cycle 4: 359.60 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1S247XR22 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0SEP	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S Performance Dual Max (22in)						
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	Part-time 4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6713	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		VRIVT00.0SEP			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	42.05	0.4994	0.01991	-6.59	0.182	0.0235	15.6	
Cold CO	46.26	0.5493	0.0219	-9.37	-0.1407	0.02702	N/A	
US06	42.05	0.4994	0.01991	-6.59	0.182	0.0235	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: 140.0 RDU N/V: 112.4						

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085602	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/06/2024	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	3305	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)	1.62	--
DT-EER (Drive Trace Energy Economy Rating)	1.48	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.24	--
MFR FE (Manufacturer Fuel Economy)	23.78	141.7367536
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, Max Battery Pack, and 22" Tires. Cycle 1: 265.03 Wh/mi, Cycle 2: 218.62 Wh/mi, Cycle 3: 257.46 Wh/mi, Cycle 4: 213.52 Wh/mi.

Certification Summary Information Report

Test Group		VRIVT00.0SEP			Evaporative/Refueling Family					--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CO	0.0	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CO	0.0	--	--	--	0	--	0	0	Pass

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085603	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/06/2024	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	3305	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)	3.3	--
DT-EER (Drive Trace Energy Economy Rating)	0.75	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.11	--
MFR FE (Manufacturer Fuel Economy)	27.29	123.506779
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, Max Battery Pack, and 22" Tires. Cycle 1: 272.90 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085605	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/06/2024	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	3330	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)	-1.93	--
DT-EER (Drive Trace Energy Economy Rating)	-0.75	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.31	--
MFR FE (Manufacturer Fuel Economy)	36.54	92.2413793
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, Max Battery Pack, and 22" Tires. Cycle 1 (City1): 342.27 Wh/mi, Cycle 2 (HWY): 365.77 Wh/mi, Cycle 3 (City2): 420.60 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085607	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	02/17/2024	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	3426	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)	-0.21	--
DT-EER (Drive Trace Energy Economy Rating)	-0.32	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.14	--
MFR FE (Manufacturer Fuel Economy)	32.55	103.5483871
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, Max Battery Pack, and 22" Tires. Cycle 1: 325.46 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--																
Test #	SRIV10084671	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	02/01/2024	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	2767	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)	162.62																
Charge Depleting Range (Calculated miles)	622.7	Charge Depleting Range (Actual miles)	622.7																
Charge Depleting Range Highway (Calculated miles)	526.6	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	622.7																
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>7.432</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.46</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.73</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.13</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.926</td></tr><tr><td>Manufacturer Fuel Economy</td><td>25.92</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.432	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.46	Drive Trace Energy Economy Rating	0.73	Drive Trace Inertia Work Ratio Rating	2.13	Integrated DC KW-HRS	1.926	Manufacturer Fuel Economy	25.92
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Drive Trace Absolute Speed Change Rating	1.46																		
Drive Trace Energy Economy Rating	0.73																		
Drive Trace Inertia Work Ratio Rating	2.13																		
Integrated DC KW-HRS	1.926																		
Manufacturer Fuel Economy	25.92																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	10.25
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	2.29
		Drive Trace Energy Economy Rating	0.19
		Drive Trace Inertia Work Ratio Rating	2.64
		Integrated DC KW-HRS	2.837
		Manufacturer Fuel Economy	27.69
Charge Depleting Bag/Phase #3			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.439
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	0.35
		Drive Trace Energy Economy Rating	0.19
		Drive Trace Inertia Work Ratio Rating	0.38
		Integrated DC KW-HRS	1.755
		Manufacturer Fuel Economy	23.6
Charge Depleting Bag/Phase #4			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	319.862
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	28.14
		Drive Trace Energy Economy Rating	-1.61
		Drive Trace Inertia Work Ratio Rating	56.17
		Integrated DC KW-HRS	110.13
		Manufacturer Fuel Economy	34.43
Charge Depleting Bag/Phase #5			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.401
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	-0.04
		Drive Trace Energy Economy Rating	0.18
		Drive Trace Inertia Work Ratio Rating	-0.14
		Integrated DC KW-HRS	1.651
		Manufacturer Fuel Economy	22.31
Charge Depleting Bag/Phase #6			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>10.271</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.55</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>-0.69</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.709</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.38</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.271	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.55	Drive Trace Energy Economy Rating	-0.21	Drive Trace Inertia Work Ratio Rating	-0.69	Integrated DC KW-HRS	2.709	Manufacturer Fuel Economy	26.38
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.271																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.55																		
Drive Trace Energy Economy Rating	-0.21																		
Drive Trace Inertia Work Ratio Rating	-0.69																		
Integrated DC KW-HRS	2.709																		
Manufacturer Fuel Economy	26.38																		
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>7.426</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.23</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.39</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.674</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.55</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.426	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.23	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	-0.39	Integrated DC KW-HRS	1.674	Manufacturer Fuel Economy	22.55
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.426																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.23																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	-0.39																		
Integrated DC KW-HRS	1.674																		
Manufacturer Fuel Economy	22.55																		
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>56.908</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.08</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>51.41</td></tr><tr><td>Integrated DC KW-HRS</td><td>19.648</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)	56.908	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99	Drive Trace Energy Economy Rating	-0.08	Drive Trace Inertia Work Ratio Rating	51.41	Integrated DC KW-HRS	19.648	Manufacturer Fuel Economy	34.53
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	56.908																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99																		
Drive Trace Energy Economy Rating	-0.08																		
Drive Trace Inertia Work Ratio Rating	51.41																		
Integrated DC KW-HRS	19.648																		
Manufacturer Fuel Economy	34.53																		
Manufacturer Test Comments																			
R1T - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Max Battery Pack, and 22" Tires. UDDS1: 259.24 Wh/mi, UDDS2: 235.97 Wh/mi, UDDS3: 223.12 Wh/mi, UDDS4: 225.47 Wh/mi. UDDS1 Energy: 1926.59 Wh HWY1: 276.87 Wh/mi, HWY2: 263.79 Wh/mi MCT Energy: 142335.59 Wh																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085609	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/18/2024	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	4437	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)	162.62
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		0.78	
Drive Trace Energy Economy Rating		0.15	
Drive Trace Inertia Work Ratio Rating		1.15	
Integrated DC KW-HRS		1.774	
Manufacturer Fuel Economy		49.42	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>3.849</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>-0.15</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.95</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.539</td></tr><tr><td>Manufacturer Fuel Economy</td><td>39.99</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.849	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.59	Drive Trace Energy Economy Rating	-0.15	Drive Trace Inertia Work Ratio Rating	0.95	Integrated DC KW-HRS	1.539	Manufacturer Fuel Economy	39.99	
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.849																		
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Drive Trace Absolute Speed Change Rating	0.59																		
Drive Trace Energy Economy Rating	-0.15																		
Drive Trace Inertia Work Ratio Rating	0.95																		
Integrated DC KW-HRS	1.539																		
Manufacturer Fuel Economy	39.99																		
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>3.599</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.34</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.45</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.78</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.418</td></tr><tr><td>Manufacturer Fuel Economy</td><td>39.41</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.599	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.34	Drive Trace Energy Economy Rating	0.45	Drive Trace Inertia Work Ratio Rating	1.78	Integrated DC KW-HRS	1.418	Manufacturer Fuel Economy	39.41	
Test Result/Emission Name	Unrounded Test Result																		
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Integrated DC KW-HRS	1.418																		
Manufacturer Fuel Economy	39.41																		
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>3.857</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.3</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.43</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.54</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.367</td></tr><tr><td>Manufacturer Fuel Economy</td><td>35.45</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.857	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.3	Drive Trace Energy Economy Rating	-0.43	Drive Trace Inertia Work Ratio Rating	0.54	Integrated DC KW-HRS	1.367	Manufacturer Fuel Economy	35.45	
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Energy Economy Rating	-0.43																		
Drive Trace Inertia Work Ratio Rating	0.54																		
Integrated DC KW-HRS	1.367																		
Manufacturer Fuel Economy	35.45																		
Manufacturer Test Comments		R1S - Drive Mode: All-Purpose (Default Mode) Dual Motor, Max Battery Pack, and 22" Tires. Cycle 1: 494.25 Wh/mi, Cycle 2: 399.91 Wh/mi, Cycle 3: 394.06 Wh/mi, Cycle 4: 354.53 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--					
Emission Data Vehicle Information								
Vehicle ID / Configuration	R1T240XR20AT / 0	Manufacturer Vehicle Configuration Number	0					
Original Test Group Name	SRIVT00.0SEP	Original Evaporative/Refueling Family	--					
Original Test Vehicle Model Year	2025							
Vehicle Model								
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1T All-Terrain Performance Dual Max (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	Part-time 4-Wheel Drive					
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)					
Curb Weight (lbs)	6864	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		VRIVT00.0SEP			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	54.16	0.6637	0.01674	-6.49	0.0751	0.022	17.2
Cold CO	59.58	0.7301	0.01841	-20.73	0.0941	0.02233	N/A
US06	54.16	0.6637	0.01674	-6.49	0.0751	0.022	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	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085633	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/03/2024	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	3842	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)	-0.27	--
DT-EER (Drive Trace Energy Economy Rating)	-0.53	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.11	--
MFR FE (Manufacturer Fuel Economy)	27.76	121.4157061
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, Max Battery Pack, and 20" All-Terrain Tires. Cycle 1: 308.16 Wh/mi, Cycle 2: 256.60 Wh/mi, Cycle 3: 296.30 Wh/mi, Cycle 4: 252.75 Wh/mi.

Certification Summary Information Report

Test Group		VRIVT00.0SEP			Evaporative/Refueling Family					--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CO	0.0	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CO	0.0	--	--	--	0	--	0	0	Pass

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085628	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/03/2024	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	3842	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)	1.79	--
DT-EER (Drive Trace Energy Economy Rating)	0.02	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.46	--
MFR FE (Manufacturer Fuel Economy)	29.78	113.1799866
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, Max Battery Pack, and 20" All-Terrain Tires. Cycle 1: 297.79 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085631	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/04/2024	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	3868	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)	-2.43	--
DT-EER (Drive Trace Energy Economy Rating)	-1.43	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-5.07	--
MFR FE (Manufacturer Fuel Economy)	39.33	85.6979405
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, Max Battery Pack, and 20" All-Terrain Tires. Cycle 1 (City1): 379.36 Wh/mi, Cycle 2 (HWY): 390.48 Wh/mi, Cycle 3 (City2): 466.93 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085630	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/04/2024	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	3884	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)	0.87	--
DT-EER (Drive Trace Energy Economy Rating)	1.23	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.76	--
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, Max Battery Pack, and 20" All-Terrain Tires. Cycle 1: 353.48 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10085627	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/28/2024	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	3337	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)	164.27
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)		3.572	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.56	
Drive Trace Energy Economy Rating		0.01	
Drive Trace Inertia Work Ratio Rating		0.45	
Integrated DC KW-HRS		1.693	
Manufacturer Fuel Economy		47.41	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.849
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.46
Drive Trace Energy Economy Rating	-0.02
Drive Trace Inertia Work Ratio Rating	0.54
Integrated DC KW-HRS	1.522
Manufacturer Fuel Economy	39.53

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.588
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.23
Drive Trace Energy Economy Rating	-0.43
Drive Trace Inertia Work Ratio Rating	-0.66
Integrated DC KW-HRS	1.438
Manufacturer Fuel Economy	40.08

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.851
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.05
Drive Trace Energy Economy Rating	0.13
Drive Trace Inertia Work Ratio Rating	1.18
Integrated DC KW-HRS	1.44
Manufacturer Fuel Economy	37.39

Manufacturer Test Comments

R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Max Battery Pack, and 20" All-Terrain Tires. Cycle 1: 474.08 Wh/mi, Cycle 2: 395.29 Wh/mi, Cycle 3: 400.84 Wh/mi, Cycle 4: 373.86 Wh/mi,

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--																
Test #	SRIV10085629	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	04/01/2024	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	3359	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)	164.27																
Charge Depleting Range (Calculated miles)	545.7	Charge Depleting Range (Actual miles)	545.7																
Charge Depleting Range Highway (Calculated miles)	487.83	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	545.7																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.434</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.7</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>1.35</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.62</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.145</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>28.85</td> </tr> </tbody> </table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.434	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.7	Drive Trace Energy Economy Rating	1.35	Drive Trace Inertia Work Ratio Rating	2.62	Integrated DC KW-HRS	2.145	Manufacturer Fuel Economy	28.85		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	1.35																		
Drive Trace Inertia Work Ratio Rating	2.62																		
Integrated DC KW-HRS	2.145																		
Manufacturer Fuel Economy	28.85																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>10.253</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.39</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.37</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.06</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.072</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.96</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.253	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.39	Drive Trace Energy Economy Rating	0.37	Drive Trace Inertia Work Ratio Rating	3.06	Integrated DC KW-HRS	3.072	Manufacturer Fuel Economy	29.96		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.253																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.39																		
Drive Trace Energy Economy Rating	0.37																		
Drive Trace Inertia Work Ratio Rating	3.06																		
Integrated DC KW-HRS	3.072																		
Manufacturer Fuel Economy	29.96																		
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>7.46</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.7</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.02</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.87</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.009</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.93</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.46	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.7	Drive Trace Energy Economy Rating	1.02	Drive Trace Inertia Work Ratio Rating	2.87	Integrated DC KW-HRS	2.009	Manufacturer Fuel Economy	26.93		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.7																		
Drive Trace Energy Economy Rating	1.02																		
Drive Trace Inertia Work Ratio Rating	2.87																		
Integrated DC KW-HRS	2.009																		
Manufacturer Fuel Economy	26.93																		
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>313.623</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>24.02</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.73</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>48.06</td></tr><tr><td>Integrated DC KW-HRS</td><td>114.01</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.35</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	313.623	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	24.02	Drive Trace Energy Economy Rating	-1.73	Drive Trace Inertia Work Ratio Rating	48.06	Integrated DC KW-HRS	114.01	Manufacturer Fuel Economy	36.35		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	313.623																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	24.02																		
Drive Trace Energy Economy Rating	-1.73																		
Drive Trace Inertia Work Ratio Rating	48.06																		
Integrated DC KW-HRS	114.01																		
Manufacturer Fuel Economy	36.35																		
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>7.404</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.07</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.82</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.56</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.924</td></tr><tr><td>Manufacturer Fuel Economy</td><td>25.98</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.404	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.07	Drive Trace Energy Economy Rating	0.82	Drive Trace Inertia Work Ratio Rating	1.56	Integrated DC KW-HRS	1.924	Manufacturer Fuel Economy	25.98		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.404																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.07																		
Drive Trace Energy Economy Rating	0.82																		
Drive Trace Inertia Work Ratio Rating	1.56																		
Integrated DC KW-HRS	1.924																		
Manufacturer Fuel Economy	25.98																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>2.33</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>3.03</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.994</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.17</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	2.33	Drive Trace Energy Economy Rating	0.42	Drive Trace Inertia Work Ratio Rating	3.03	Integrated DC KW-HRS	2.994	Manufacturer Fuel Economy	29.17		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.264																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.33																		
Drive Trace Energy Economy Rating	0.42																		
Drive Trace Inertia Work Ratio Rating	3.03																		
Integrated DC KW-HRS	2.994																		
Manufacturer Fuel Economy	29.17																		
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>7.422</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.3</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>0.32</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.949</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.26</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.422	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.3	Drive Trace Energy Economy Rating	0.5	Drive Trace Inertia Work Ratio Rating	0.32	Integrated DC KW-HRS	1.949	Manufacturer Fuel Economy	26.26		
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Drive Trace Energy Economy Rating	0.5																		
Drive Trace Inertia Work Ratio Rating	0.32																		
Integrated DC KW-HRS	1.949																		
Manufacturer Fuel Economy	26.26																		
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>43.936</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99</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>51.4</td></tr><tr><td>Integrated DC KW-HRS</td><td>16.129</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.71</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	43.936	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99	Drive Trace Energy Economy Rating	-0.21	Drive Trace Inertia Work Ratio Rating	51.4	Integrated DC KW-HRS	16.129	Manufacturer Fuel Economy	36.71		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	43.936																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99																		
Drive Trace Energy Economy Rating	-0.21																		
Drive Trace Inertia Work Ratio Rating	51.4																		
Integrated DC KW-HRS	16.129																		
Manufacturer Fuel Economy	36.71																		
Manufacturer Test Comments		R1T - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Max Battery Pack, and 20" All-Terrain Tires. UDDS1: 288.51 Wh/mi, UDDS2: 269.31 Wh/mi, UDDS3: 259.84 Wh/mi, UDDS4: 262.57 Wh/mi. UDDS1 Energy: 2144.84 Wh HWY1: 299.65 Wh/mi, HWY2: 291.66 Wh/mi MCT Energy: 144231.30 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1T240XR22 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0SEP	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1T Performance Dual Max (22in)						
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)	6687	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		VRIVT00.0SEP			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	45.22	0.078	0.02437	-2.74	-0.2818	0.02828	14.7	
Cold CO	49.74	0.0858	0.02681	-13.51	-0.3813	0.03004	N/A	
US06	45.22	0.078	0.02437	-2.74	-0.2818	0.02828	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: 140.4 RDU N/V: 112.7						

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086074	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/17/2024	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	4968	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)	-0.25	--
DT-EER (Drive Trace Energy Economy Rating)	-0.07	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.07	--
MFR FE (Manufacturer Fuel Economy)	23.17	145.4682779
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, Max Battery Pack, and 22" Tires. Cycle 1: 256.80 Wh/mi, Cycle 2: 214.07 Wh/mi, Cycle 3: 249.31 Wh/mi, Cycle 4: 209.56 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086075	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/17/2024	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	4968	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)	1.72	--
DT-EER (Drive Trace Energy Economy Rating)	-0.14	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.49	--
MFR FE (Manufacturer Fuel Economy)	25.94	129.9344641
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, Max Battery Pack, and 22" Tires. Cycle 1: 259.41 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086076	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/17/2024	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	4994	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)	-0.96	--
DT-EER (Drive Trace Energy Economy Rating)	-0.67	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.26	--
MFR FE (Manufacturer Fuel Economy)	35.94	93.7813022
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, Max Battery Pack, and 22" Tires. Cycle 1 (City1): 332.80 Wh/mi, Cycle 2 (HWY): 359.82 Wh/mi, Cycle 3 (City2): 424.27 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086077	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/26/2024	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	5198	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)	2.09	--
DT-EER (Drive Trace Energy Economy Rating)	2.25	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.47	--
MFR FE (Manufacturer Fuel Economy)	32.06	105.1310044
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, Max Battery Pack, and 22" Tires. Cycle 1: 320.64 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086078	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/23/2024	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	5182	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)	163.9
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)		3.59	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		2.03	
Drive Trace Energy Economy Rating		0.94	
Drive Trace Inertia Work Ratio Rating		2.68	
Integrated DC KW-HRS		1.606	
Manufacturer Fuel Economy		44.75	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>3.851</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.9</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.77</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.5</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.411</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.63</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.851	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.9	Drive Trace Energy Economy Rating	0.77	Drive Trace Inertia Work Ratio Rating	1.5	Integrated DC KW-HRS	1.411	Manufacturer Fuel Economy	36.63		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.851																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.9																		
Drive Trace Energy Economy Rating	0.77																		
Drive Trace Inertia Work Ratio Rating	1.5																		
Integrated DC KW-HRS	1.411																		
Manufacturer Fuel Economy	36.63																		
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>3.587</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.17</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.4</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.342</td></tr><tr><td>Manufacturer Fuel Economy</td><td>37.43</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.587	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.17	Drive Trace Energy Economy Rating	1.4	Drive Trace Inertia Work Ratio Rating	3	Integrated DC KW-HRS	1.342	Manufacturer Fuel Economy	37.43		
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Absolute Speed Change Rating	2.17																		
Drive Trace Energy Economy Rating	1.4																		
Drive Trace Inertia Work Ratio Rating	3																		
Integrated DC KW-HRS	1.342																		
Manufacturer Fuel Economy	37.43																		
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>3.856</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.64</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.22</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.05</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.328</td></tr><tr><td>Manufacturer Fuel Economy</td><td>34.44</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.856	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.64	Drive Trace Energy Economy Rating	0.22	Drive Trace Inertia Work Ratio Rating	1.05	Integrated DC KW-HRS	1.328	Manufacturer Fuel Economy	34.44		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.64																		
Drive Trace Energy Economy Rating	0.22																		
Drive Trace Inertia Work Ratio Rating	1.05																		
Integrated DC KW-HRS	1.328																		
Manufacturer Fuel Economy	34.44																		
Manufacturer Test Comments		R1T - Drive Mode: All-Purpose (Default Mode) Dual Motor, Max Battery Pack, and 22" Tires. Cycle 1: 447.45 Wh/mi, Cycle 2: 366.29 Wh/mi, Cycle 3: 374.27 Wh/mi, Cycle 4: 344.36 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--																
Test #	SRIV10086079	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	04/12/2024	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	4353	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)	163.93																
Charge Depleting Range (Calculated miles)	637.2	Charge Depleting Range (Actual miles)	637.2																
Charge Depleting Range Highway (Calculated miles)	549.73	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	637.2																
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>7.432</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.56</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.16</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.49</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.828</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.59</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.432	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.56	Drive Trace Energy Economy Rating	-1.16	Drive Trace Inertia Work Ratio Rating	-0.49	Integrated DC KW-HRS	1.828	Manufacturer Fuel Economy	24.59
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Drive Trace Energy Economy Rating	-1.16																		
Drive Trace Inertia Work Ratio Rating	-0.49																		
Integrated DC KW-HRS	1.828																		
Manufacturer Fuel Economy	24.59																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	Evaporative/Refueling Family	--
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	10.258
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	-2.4
		Drive Trace Energy Economy Rating	-1.13
		Drive Trace Inertia Work Ratio Rating	-2.8
		Integrated DC KW-HRS	2.717
		Manufacturer Fuel Economy	26.48
Charge Depleting Bag/Phase #3			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.438
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	-0.48
		Drive Trace Energy Economy Rating	-0.64
		Drive Trace Inertia Work Ratio Rating	-0.45
		Integrated DC KW-HRS	1.712
		Manufacturer Fuel Economy	23.02
Charge Depleting Bag/Phase #4			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	318.792
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	19.67
		Drive Trace Energy Economy Rating	-1.82
		Drive Trace Inertia Work Ratio Rating	39.08
		Integrated DC KW-HRS	109.893
		Manufacturer Fuel Economy	34.47
Charge Depleting Bag/Phase #5			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.455
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	1.43
		Drive Trace Energy Economy Rating	1.09
		Drive Trace Inertia Work Ratio Rating	2.39
		Integrated DC KW-HRS	1.649
		Manufacturer Fuel Economy	22.12
Charge Depleting Bag/Phase #6			

Certification Summary Information Report

Test Group	VRIVT00.0SEP	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>10.269</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>3.64</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.75</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>4.47</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.635</td></tr><tr><td>Manufacturer Fuel Economy</td><td>25.66</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.269	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.64	Drive Trace Energy Economy Rating	1.75	Drive Trace Inertia Work Ratio Rating	4.47	Integrated DC KW-HRS	2.635	Manufacturer Fuel Economy	25.66
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.269																		
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Drive Trace Energy Economy Rating	1.75																		
Drive Trace Inertia Work Ratio Rating	4.47																		
Integrated DC KW-HRS	2.635																		
Manufacturer Fuel Economy	25.66																		
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>1.18</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.77</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.87</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.66</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.27</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	1.18	Drive Trace Energy Economy Rating	0.77	Drive Trace Inertia Work Ratio Rating	1.87	Integrated DC KW-HRS	1.66	Manufacturer Fuel Economy	22.27
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	1.87																		
Integrated DC KW-HRS	1.66																		
Manufacturer Fuel Economy	22.27																		
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>63.269</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.43</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>77.18</td></tr><tr><td>Integrated DC KW-HRS</td><td>21.238</td></tr><tr><td>Manufacturer Fuel Economy</td><td>33.57</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	63.269	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99	Drive Trace Energy Economy Rating	-0.43	Drive Trace Inertia Work Ratio Rating	77.18	Integrated DC KW-HRS	21.238	Manufacturer Fuel Economy	33.57
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	63.269																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99																		
Drive Trace Energy Economy Rating	-0.43																		
Drive Trace Inertia Work Ratio Rating	77.18																		
Integrated DC KW-HRS	21.238																		
Manufacturer Fuel Economy	33.57																		
Manufacturer Test Comments		R1T - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Max Battery Pack, and 22" Tires. UDDS1: 245.91 Wh/mi, UDDS2: 230.20 Wh/mi, UDDS3: 221.18 Wh/mi, UDDS4: 222.69 Wh/mi. UDDS1 Energy: 1827.62 Wh HWY1: 264.81 Wh/mi, HWY2: 256.58 Wh/mi MCT Energy: 143331.2242 Wh																	
Fuel Properties																			

Certification Summary Information Report

Test Group		VRIVT00.0SEP			Evaporative/Refueling Family			--			
Consolidated List of Standards											
Exhaust Standards											
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
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		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

Certification Summary Information Report

Test Group		VRIVT00.0SEP			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		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		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		VRIVT00.0SEP	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		VRIVT00.0SEP	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		VRIVT00.0SEP	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		VRIVT00.0SEP		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: VRIVT00.0SEPVehicle 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.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(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 Long Range (20in) R1T Premium Long Range (20in)	Automatic	8532 lbs.	6723lbs.(R1S) 6688 lbs. (R1T)	7000 lbs.	a: 42.03 lbf b: 0.6373 lbf/mph c: 0.01940 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 2

2027 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION
 REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND
 MEDIUM-DUTY VEHICLES

 Manufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0SEP

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)
R1S247XR20	Auto	7000 lbs.	a: -9.41 lbf b: 0.1571 lbf/mph c: 0.02363 lbf/mph ²	584.21	277.86	242.82	242.82
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				499.20	325.17	284.17	284.17

 Battery Test Results: PASS Specific Energy: Wh/kg 190

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

Date Issued: 05/22/2026

Revisions:

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

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: VRIVT00.0SEPVehicle 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.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(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 Long Range (22in)	Automatic	8532 lbs.	6713 lbs. (R1S)	7000 lbs.	a: 42.05 lbf b: 0.4994 lbf/mph c: 0.01991 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: VRIVT00.0SEP

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)
R1S247XR22	Auto	7000 lbs.	a: -6.59 lbf b: 0.1821 lbf/mph c: 0.02348 lbf/mph ²	622.63	261.18	228.60	228.60
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				526.53	308.86	270.33	270.33

Battery Test Results: PASS Specific Energy: Wh/kg 190

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Premium Long Range 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: VRIVT00.0SEPVehicle 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.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(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 Long Range (20in AT) R1T Premium Long Range (20in AT)	Automatic	8532 lbs.	6860 lbs. (R1S) 6864 lbs. (R1T)	7000 lbs.	a: 54.16 lbf b: 0.6637 lbf/mph c: 0.01674 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 2

2027 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION
 REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND
 MEDIUM-DUTY VEHICLES

 Manufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0SEP

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)
R1T240XR20AT	Auto	7000 lbs.	a: -6.49 lbf b: 0.0751 lbf/mph c: 0.02200 lbf/mph ²	545.76	300.99	264.28	264.28
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				487.84	336.73	295.65	295.65

 Battery Test Results: PASS Specific Energy: Wh/kg 190

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Premium Long Range 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: VRIVT00.0SEPVehicle 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.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(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 Long Range (22in)	Automatic	8532 lbs.	6687 lbs. (R1T)	7000 lbs.	a: 45.22 lbf b: 0.0780 lbf/mph c: 0.02437 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: VRIVT00.0SEP

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)
R1T240XR22	Auto	7000 lbs.	a: -2.74 lbf b: -0.2818 lbf/mph c: 0.02828 lbf/mph ²	637.14	257.28	224.96	224.96
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				549.80	298.16	260.70	260.70

Battery Test Results: PASS Specific Energy: Wh/kg 190

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Premium Long Range 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 *

VRIVT00.0SEP

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.