



RIVIAN AUTOMOTIVE, LLC

Application for Certification - Part 1 (Carryover)

2026 Model Year

EPA Manufacturer Code: RIV

Test Group: TRIVT00.0SEP

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

Test Group Description:	Battery Electric Vehicle
Applicable Standards:	U.S. EPA: Tier 3 Bin 0 MDPV CA: ZEV MDPV
Carlines Covered:	Rivian R1T Dual Max (20in) Rivian R1S Dual Max (20in) Rivian R1T Dual Max (22in) Rivian R1S Dual Max (22in) Rivian R1T All-Terrain Dual Max (20in) Rivian R1S All-Terrain Dual Max (20in) Rivian R1T Performance Dual Max (20in) Rivian R1S Performance Dual Max (20in) Rivian R1T Performance Dual Max (22in) Rivian R1S Performance Dual Max (22in) Rivian R1T All-Terrain Performance Dual Max (20in) Rivian R1S All-Terrain Performance Dual Max (20in) Rivian R1T Dual Large Plus (20in) Rivian R1S Dual Large Plus (20in) Rivian R1T Dual Large Plus (22in) Rivian R1S Dual Large Plus (22in) Rivian R1T All-Terrain Dual Large Plus (20in) Rivian R1S All-Terrain Dual Large Plus (20in) Rivian R1T Performance Dual Large Plus (20in) Rivian R1S Performance Dual Large Plus (20in) Rivian R1T Performance Dual Large Plus (22in) Rivian R1S Performance Dual Large Plus (22in) Rivian R1T All-Terrain Performance Dual Large Plus (20in) Rivian R1S All-Terrain Performance Dual Large Plus (20in)
Document Date:	03/21/2025

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



14600 Myford Road
Irvine, CA 92606

Mr. Daniel Cullen
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2026 Rivian Medium-Duty Vehicle Initial Application for issuance of Certificate of Conformity for Test Group TRIVT00.0SEP.

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.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	TRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 3 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

Rivian R1T Dual Max (20in)	Rivian R1T Dual Large Plus (20in)
Rivian R1S Dual Max (20in)	Rivian R1S Dual Large Plus(20in)
Rivian R1T Dual Max (22in)	Rivian R1T Dual Large Plus (22in)
Rivian R1S Dual Max (22in)	Rivian R1S Dual Large Plus(22in)
Rivian R1T All-Terrain Dual Max (20in)	Rivian R1T All-Terrain Dual Large Plus (20in)
Rivian R1S All-Terrain Dual Max (20in)	Rivian R1S All-Terrain Dual Large Plus (20in)
Rivian R1T Performance Dual Max (20in)	Rivian R1T Performance Dual Large Plus (20in)
Rivian R1S Performance Dual Max (20in)	Rivian R1S Performance Dual Large Plus (20in)
Rivian R1T Performance Dual Max (22in)	Rivian R1T Performance Dual Large Plus (22in)
Rivian R1S Performance Dual Max (22in)	Rivian R1S Performance Dual Large Plus (22in)
Rivian R1T All-Terrain Performance Dual Max (20in)	Rivian R1T All-Terrain Performance Dual Large Plus (20in)
Rivian R1S All-Terrain Performance Dual Max (20in)	Rivian R1S All-Terrain Performance Dual Large Plus (20in)

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.

Sepehr Zakeresfahani
Director, Homologation





14600 Myford Road
Irvine, CA 92606

Mr. Daniel Cullen
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2026 Rivian Medium-Duty Vehicle OBD letter for issuance of Certificate of Conformity for Test Group TRIVT00.0SEP.

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:	TRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 3 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

Rivian R1T Dual Max (20in)	Rivian R1T Dual Large Plus (20in)
Rivian R1S Dual Max (20in)	Rivian R1S Dual Large Plus(20in)
Rivian R1T Dual Max (22in)	Rivian R1T Dual Large Plus (22in)
Rivian R1S Dual Max (22in)	Rivian R1S Dual Large Plus(22in)
Rivian R1T All-Terrain Dual Max (20in)	Rivian R1T All-Terrain Dual Large Plus (20in)
Rivian R1S All-Terrain Dual Max (20in)	Rivian R1S All-Terrain Dual Large Plus (20in)
Rivian R1T Performance Dual Max (20in)	Rivian R1T Performance Dual Large Plus (20in)
Rivian R1S Performance Dual Max (20in)	Rivian R1S Performance Dual Large Plus (20in)
Rivian R1T Performance Dual Max (22in)	Rivian R1T Performance Dual Large Plus (22in)
Rivian R1S Performance Dual Max (22in)	Rivian R1S Performance Dual Large Plus (22in)
Rivian R1T All-Terrain Performance Dual Max (20in)	Rivian R1T All-Terrain Performance Dual Large Plus (20in)
Rivian R1S All-Terrain Performance Dual Max (20in)	Rivian R1S All-Terrain Performance Dual Large Plus (20in)

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.

Sepehr Zakeresfahani
Director, Homologation





14600 Myford Road
Irvine, CA 92606

Mr. Daniel Cullen
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2026 Rivian Medium-Duty Vehicle Durability letter for issuance of Certificate of Conformity for Test Group TRIVT00.0SEP.

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:	TRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 3 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

Rivian R1T Dual Max (20in)	Rivian R1T Dual Large Plus (20in)
Rivian R1S Dual Max (20in)	Rivian R1S Dual Large Plus(20in)
Rivian R1T Dual Max (22in)	Rivian R1T Dual Large Plus (22in)
Rivian R1S Dual Max (22in)	Rivian R1S Dual Large Plus(22in)
Rivian R1T All-Terrain Dual Max (20in)	Rivian R1T All-Terrain Dual Large Plus (20in)
Rivian R1S All-Terrain Dual Max (20in)	Rivian R1S All-Terrain Dual Large Plus (20in)
Rivian R1T Performance Dual Max (20in)	Rivian R1T Performance Dual Large Plus (20in)
Rivian R1S Performance Dual Max (20in)	Rivian R1S Performance Dual Large Plus (20in)
Rivian R1T Performance Dual Max (22in)	Rivian R1T Performance Dual Large Plus (22in)
Rivian R1S Performance Dual Max (22in)	Rivian R1S Performance Dual Large Plus (22in)
Rivian R1T All-Terrain Performance Dual Max (20in)	Rivian R1T All-Terrain Performance Dual Large Plus (20in)
Rivian R1S All-Terrain Performance Dual Max (20in)	Rivian R1S All-Terrain Performance Dual Large Plus (20in)

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.

Sepehr Zakeresfahani
Director, Homologation





14600 Myford Road
Irvine, CA 92606

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

Subject: MY 2026 Rivian Medium-Duty Vehicles Initial Application for issuance of an Executive Order for Test Group TRIVT00.0SEP.

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.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	TRIVT00.0SEP
Evaporative Family:	N/A
Federal Standard:	Tier 3 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

S - Second
E - Enduro Rivian Motor
P - Project

Vehicles Covered by this certificate:

Rivian R1T Dual Max (20in)	Rivian R1T Dual Large Plus (20in)
Rivian R1S Dual Max (20in)	Rivian R1S Dual Large Plus(20in)
Rivian R1T Dual Max (22in)	Rivian R1T Dual Large Plus (22in)
Rivian R1S Dual Max (22in)	Rivian R1S Dual Large Plus(22in)
Rivian R1T All-Terrain Dual Max (20in)	Rivian R1T All-Terrain Dual Large Plus (20in)
Rivian R1S All-Terrain Dual Max (20in)	Rivian R1S All-Terrain Dual Large Plus (20in)
Rivian R1T Performance Dual Max (20in)	Rivian R1T Performance Dual Large Plus (20in)
Rivian R1S Performance Dual Max (20in)	Rivian R1S Performance Dual Large Plus (20in)
Rivian R1T Performance Dual Max (22in)	Rivian R1T Performance Dual Large Plus (22in)
Rivian R1S Performance Dual Max (22in)	Rivian R1S Performance Dual Large Plus (22in)
Rivian R1T All-Terrain Performance Dual Max (20in)	Rivian R1T All-Terrain Performance Dual Large Plus (20in)
Rivian R1S All-Terrain Performance Dual Max (20in)	Rivian R1S All-Terrain Performance Dual Large Plus (20in)

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 DMS.

Sepehr Zakeresfahani
Director, Homologation



Contents

01.00.00 Communications.....	9
01.01.00 Mailing Information	9
01.01.01 Certification Information.....	9
01.01.02 Responsible official.....	9
02.00.00 Confidential Information	9
02.01.00 Statement of confidentiality	9
02.02.00 Test vehicle selection	9
02.03.00 Projected annual model-year sales.....	9
03.00.00 Facilities, equipment, and test procedures	9
03.01.00 (Reserved).....	9
03.02.00 Battery pre-conditioning procedures (if necessary).....	9
03.03.00 Configurations and Sub configurations	10
03.04.00 Test Procedures	11
03.04.01 Range Test Procedures.....	11
03.04.02 Description of Coastdown	11
03.05.00 Special Test Instructions	12
03.05.00 Statement of Compliance.....	14
04.00.00 (Reserved).....	14
05.00.00 (Reserved).....	14
06.00.00 Maintenance	14
06.01.00 Test vehicle scheduled maintenance.....	14
06.02.00 Recommended customer maintenance schedule.....	14
06.03.00 Lubricants and heater fuels if any	14
07.00.00 Vehicle Emission Control Information (VECI) and Environmental	15
07.01.00 VECI Label locations.....	15
07.02.00 Sample VECI labels (MY2026 Sample Label):.....	16
07.03.00 Sample Fuel Economy Label (Formerly called the Smog Index label).....	17
07.04.00 Statement of compliance.....	17
08.00.00 General technical description	17
08.01.00 Description of Propulsion System	17
08.01.01 Description of Vehicle Architecture	17
08.01.02 Description of Drive Unit Architecture	17
08.01.03 Description of Motor(s).....	17
08.01.04 Description of Gearbox(s)	18
08.01.05 Description of Inverter(s)	18
08.01.06 Description of Drivetrain(s).....	18
08.03.00 Description of Batteries.....	18
08.03.01 Battery charging capacity.....	18
08.03.02 Self-discharge information	18

08.03.03 Description of thermal management system.....	18
08.03.04 Definition of end-of-life.....	18
08.03.05 Description of battery disposal plan.....	18
08.04.00 Description of Controller/Inverter.....	18
08.05.00 Description of Transmission.....	19
08.06.00 Description of climate control system.....	19
08.06.01 Electric Heat Pump.....	19
08.06.02 (Reserved).....	19
08.06.03 Climate control system logic.....	19
08.06.04 (Reserved).....	19
08.07.00 Description of Regenerative Braking System.....	19
08.07.01 Control logic.....	20
08.07.02 Percentage of braking performed on road by each axle.....	20
08.07.03 Overlap of friction brakes and regenerative braking.....	20
08.08.00 Description of charger.....	20
08.08.01 Proper recharging procedures.....	20
08.08.02 Power requirements necessary to recharge vehicle.....	21
08.09.00 Accessories which draw energy from the batteries.....	21
08.10.00 Other unique features (e.g. solar panels).....	21
08.11.00 Description of warning system(s) for maintenance / malfunction.....	21
08.11.01 Cut off terminal voltages for prevention of battery damage.....	22
09.00.00 (Reserved).....	22
10.00.00 (Reserved).....	22
11.00.00 Starting and shifting schedules.....	22
12.00.00 (Reserved).....	23
13.00.00 (Reserved).....	23
14.00.00 (Reserved).....	23
15.00.00 (Reserved).....	23
16.00.00 (Reserved).....	23
17.00.00 California requirements.....	23
17.01.00 Statement of compliance.....	23
17.01.01 General statement.....	23
17.01.02 Drivability statement.....	23
17.02.00 Supplemental Data and Certification Review Sheets.....	23
17.03.00 (Reserved).....	23
17.04.00 Credits.....	23
17.04.01 Description of multi-manufacturer arrangements.....	23
17.04.02 Credit calculation.....	23
17.05.00 Vehicle Safety.....	24

17.05.01 All information for safe operation of vehicle.....	24
17.05.02 Information on safe handling of battery system.....	24
17.05.03 Description of emergency procedures	24
17.06.00 (Reserved)	24
Test Results:.....	25
R1S Performance Dual Max (22in).....	25
R1T Performance Dual Max (22in).....	26
R1S Performance Dual Max (20in).....	27
R1T All-Terrain Performance Dual Max (20in).....	28
R1S Performance Dual Large Plus (22in)	29
R1S All-Terrain Performance Dual Large Plus (20in).....	30
R1S Performance Dual Large Plus (20in).....	31

01.00.00 Communications

01.01.00 Mailing Information

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

01.01.01 Certification Information

Rivian Automotive, LLC
14600 Myford Road
Irvine, CA 92606

01.01.02 Responsible official

Primary Contact:
Director, Homologation
sepzaker@rivian.com

02.00.00 Confidential Information

02.01.00 Statement of confidentiality

02.02.00 Test vehicle selection

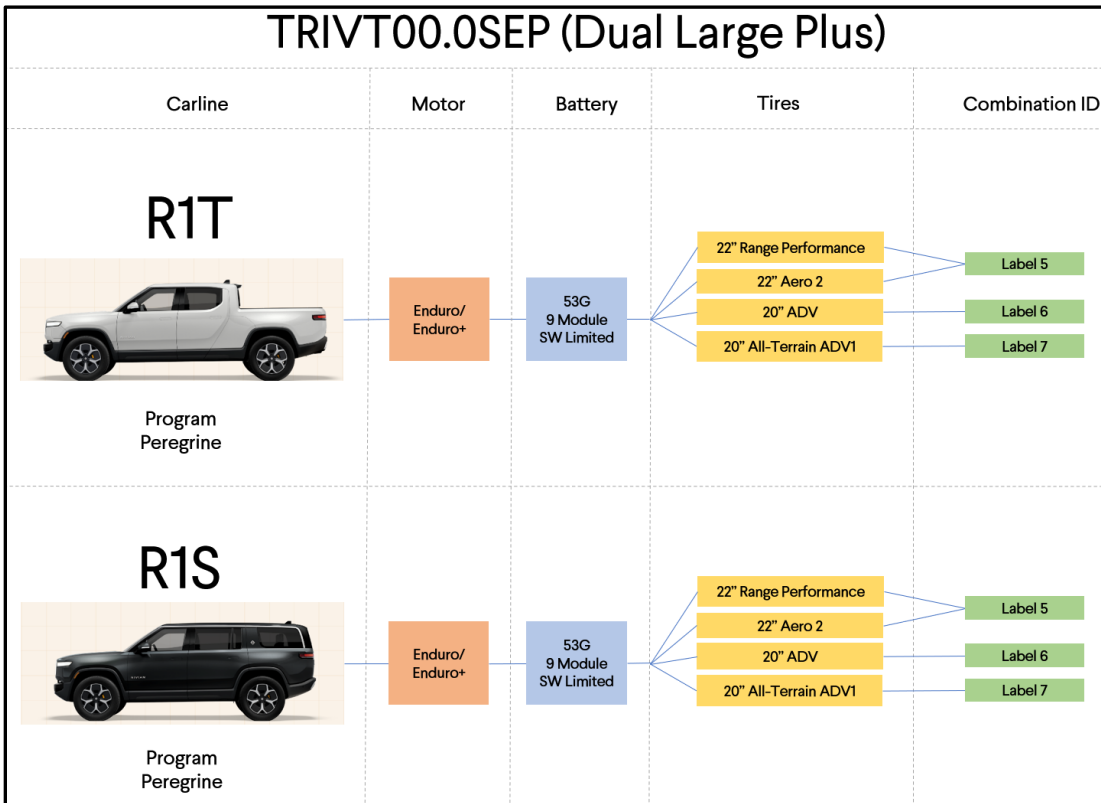
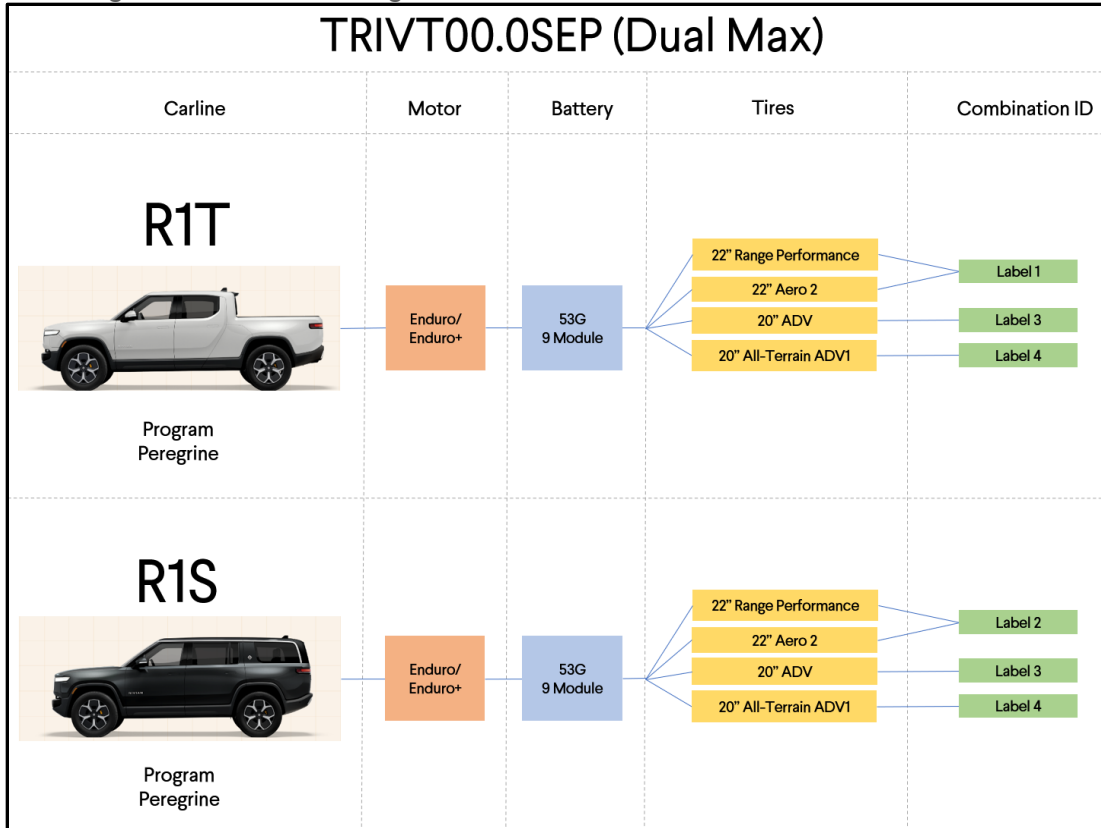
02.03.00 Projected annual model-year sales

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 Dual Max (20in) R1S Dual Large Plus (20in)	44.85	0.6305	0.01817	6723	7023	7,000	8,532	275/60R20
R1S Dual Max (22in) R1S Dual Large Plus (22in)	42.05	0.4994	0.01991	6713	7013	7,000	8,532	275/50R22
R1S All-Terrain Dual Max (20in) R1S All-Terrain Dual Large Plus (20in)	51.75	0.5846	0.01675	6860	7160	7,000	8,532	275/65R20
R1T Dual Max (20in) R1T Dual Large Plus (20in)	41.99	0.6378	0.01932	6688	6988	7,000	8,532	275/60R20
R1T Dual Max (22in) R1T Dual Large Plus (22in)	45.22	0.07800	0.02437	6687	6987	7,000	8,532	275/50R22
R1T All-Terrain Dual Max (20in) R1T All-Terrain Dual Large Plus (20in)	54.16	0.6637	0.01674	6864	7164	7,000	8,532	275/65R20

*The above programs are relevant to their corresponding Performance variant. e.g R1S All-Terrain Dual Max (20") and R1S All-Terrain Performance Dual Max (20") share the same coastdown values, test weight, and tire size.

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

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

Rivian Service is our proactive and flexible approach to vehicle care, centered around uptime for our fleet operators. Through remote diagnostics, a large fleet of mobile service vans staffed with Rivian Technicians and a network of service centers deliver rapid care with minimal inconvenience to the fleet operator. Rivian maintenance intervals are determined by onboard prognostics. Vehicle and environment sensors measure or model the remaining life of maintenance items. Operators are informed when maintenance is approaching or due, scheduling necessary maintenance items only. Our fleet of mobile service vans can perform most vehicle care needs at the operator facilities or wherever the vehicle might be. In many instances, the fleet operator won't even have to be present, so can carry on with their day. Mobile service is available anywhere in the US and Canada. As we expand into other markets, our suite of Rivian vehicle care capabilities, including mobile service, will continue to be a key component of our strategy.

Time till repair (year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Miles to repair equivalent	12.5K	25K	37.5K	50K	62.5K	75K	87.5K	90K	102.5K	115K
R1T Maintenance Schedule										
Multi-point inspection	X	X	X	X	X	X	X	X	X	X
Drive unit & gearbox fluid lubricant									X	

This table is an example and may not represent the final customer experience.

06.03.00 Lubricants and heater fuels if any

Transmission Oil:

BOT 350 M3 transmission fluid for dry electric drive units.

Typical Characteristics:

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

Coolant: L228

Performance of L288 According to ASTM D3306

Table 1 – ASTM D3306 Results

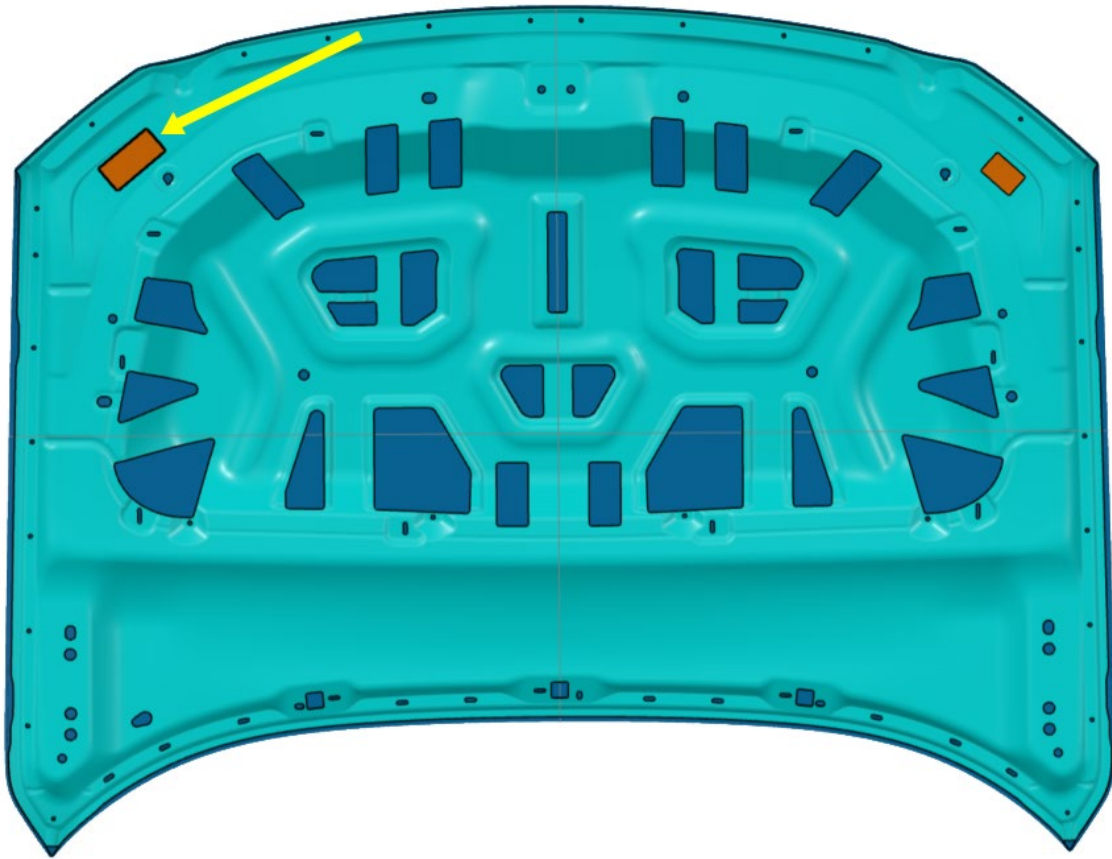
Item		ASTM D3306 Type I	CCI L288
Color		Distinctive	Yellow
Relative Density 15.5/15.5°C		1.110 ~ 1.145	1.128
Freezing Point °C	50 vol% in DI water	-36.4 max.	-37
Boiling Point °C	50 vol% in DI water	108 min.	109
Ash content mass%		5 max.	1.7
pH	50 vol% in DI water	7.5 ~ 11.0	7.6
Chloride µg/g		25 max.	<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. 0.2
		Solder	30 max. 4.3
		Brass	10 max. 1.9
		Steel	10 max. 0.7
		Cast Iron	10 max. 1.4
		Aluminum	30 max. +0.2
Simulated Service Test	Weight Loss ⁽¹⁾ mg/Specimen	Copper	20 max. 0.7
		Solder	60 max. 6.9
		Brass	20 max. 5.9
		Steel	20 max. 0.2
		Cast Iron	20 max. 3.3
		Aluminum	60 max. 0.1
Corrosion of Cast Aluminum Alloys at Heat-Rejecting Surfaces mg/cm ² /week		1.0 max.	0.1
Foaming	Volume mL	150 max.	20
	Break Time s	5 max.	3
Cavitation-Erosion Rating for pitting, cavitation, and erosion of the water pump		8 min.	9

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

07.00.00 Vehicle Emission Control Information (VECI) and Environmental

07.01.00 VECI Label locations

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



07.02.00 Sample VECI labels (MY2026 Sample Label):


RIVIAN

RIVIAN AUTOMOTIVE, LLC
VEHICLE EMISSION CONTROL INFORMATION

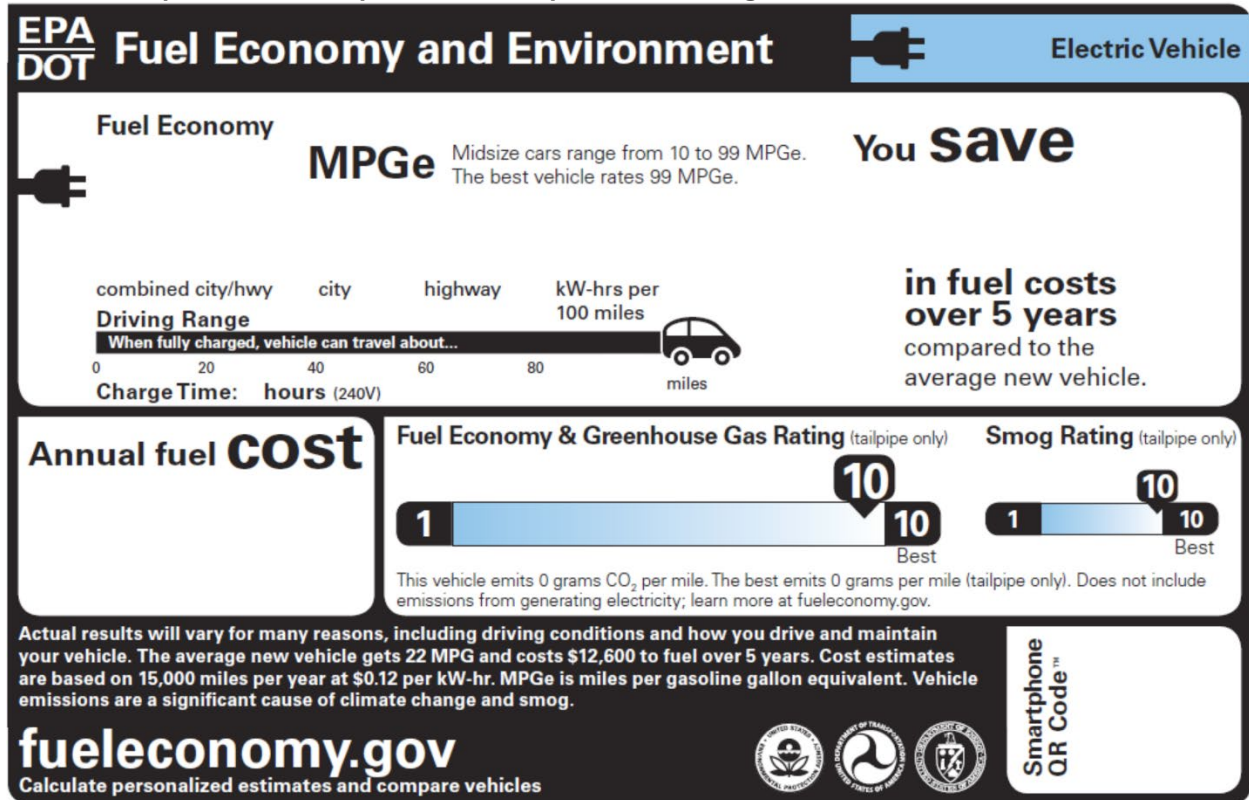


CONFORMS TO REGULATIONS: 2026 MY
TEST GROUP: TRIVT00.0SEP
U.S. EPA: T3B0 MDPV
CALIFORNIA: ZEV MDPV

MOTOR: ELECTRIC MOTOR
FUEL: ELECTRICITY
EVAP: N/A
OBD: N/A

THIS VEHICLE CONFORMS TO ALL APPLICABLE STANDARDS
PRESCRIBED BY THE ON-ROAD VEHICLE AND ENGINE EMISSION
REGULATIONS / CE VÉHICULE EST CONFORME À TOUTES LES
NORMES QUI LUI SONT APPLICABLES EN VERTU DU RÈGLEMENT SUR
LES ÉMISSIONS DES VÉHICULES ROUTIERS ET DE LEURS MOTEURS.

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 3 Bin 0 regulations applicable to new Medium Duty Passenger Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2026 Model Year.

08.00.00 General technical description

08.01.00 Description of Propulsion System

See 08.01.01 through 08.01.06

08.01.01 Description of Vehicle Architecture

08.01.02 Description of Drive Unit Architecture

08.01.03 Description of Motor(s)

08.01.04 Description of Gearbox(s)

08.01.05 Description of Inverter(s)

08.01.06 Description of Drivetrain(s)

08.03.00 Description of Batteries

08.03.01 Battery charging capacity

Battery pack nominal capacity for Max Pack is 381.6 Ah
Max: 140.0 kWh, Large Plus: 116.0 kWh

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

The thermal management system for the high voltage battery is a liquid coolant system. A pump circulates coolant through the battery and a refrigerant-cooled chiller to extract heat and lower the temperature of the battery. In cold weather, an in-line heating element is used to heat the coolant to raise the temperature of the battery.

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

Rivian has adopted a proprietary heat pump design to enhance the user experience and improve thermal efficiency.

- A number of components, including valves, sensors, heat exchangers, and refrigerant bottle, are integrated into a single bundle for cost, mass, packaging, and assembly benefits.
- Real world range is expected to improve over R1 Launch vehicles (which is equipped with conventional AC system) when cabin reheat or heating is required (roughly below 20°C).
- Further range increase is possible via waste heat recovery from the ESS and powertrain when available.

In addition, R1 heat pump has several other upgrades, including:

- Improved cabin cooling during hot ambient.
- Improved NVH due to relocated compressor.
- Improved cold ambient performance with a HV coolant heater.

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

The regenerative braking system can use electric propulsion motor to convert the vehicles kinetic energy to electrical energy which is stored in the vehicles high voltage battery.

08.07.01 Control logic

The regenerative control logic uses two main inputs, acceleration pedal position and vehicle speed to determine a desired regenerative braking torque. Regenerative torque is limited when the vehicle experiences low wheel traction events e.g. ice or snow.

08.07.02 Percentage of braking performed on road by each axle

The percentage of braking performed on road by each axle is constantly changing and redistributing. It is based on the driver demanded torque and has been optimized for vehicle dynamics and range attributes.

08.07.03 Overlap of friction brakes and regenerative braking

One pedal driving by default, and in this mode, fully releasing the pedal yields the maximum regen allowable in the level selected. As the driver manually increases primary service brake pressure and friction braking torque, the vehicle regen level will proportionally ramp down to 0 Nm. The ramp profile is affected by many factors, such as those described in 08.07.01. When auto hold is active and the vehicle approaches standstill, the braking torque will blend from motors to friction brakes.

08.08.00 Description of charger

The Rivian R1T and R1S are capable of conductive charging using Electric Vehicle Supply Equipment (EVSE) off-board chargers for the following charge methods:

- AC Level 1 Charging at 120 V / 12 A
- AC Level 2 Charging at 240 V / 48 A
- DC Fast Charging at up to 210 kW

For Level 1 and Level 2 charging, the vehicle is equipped with an On-Board Charger that will convert the single-phase alternating current from the EVSE into DC current.

The vehicle is equipped with a SAE J1772 Combo CCS inlet, located at the front left corner of the vehicle, and covered by a charge port door.

08.08.01 Proper recharging procedures

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

1. Put the vehicle in park (P) or unlock the vehicle.
2. Open the charge port door, located at the front left corner of the vehicle.
3. Plug the charger connector from the Electric Vehicle Supply Equipment (EVSE) into the vehicle's charge inlet so that the connector is fully seated and latched.
4. Follow any instructions provided by the EVSE to begin the charging session.
5. When the charging session is complete, it is indicated by the vehicle's center touchscreen and by an indicator light at the vehicle's charge inlet.
6. Stop the charge via the vehicle touchscreen or button at the charge port, or follow any instructions provided by the EVSE to end the charging session.
7. Remove the charger connector and close the charge port door.

Charging starts automatically. There may be a short delay if the battery requires heating or cooling.

NOTE: When the vehicle is plugged in but not actively charging, it draws energy from the charger instead of using the battery.

The charge port light color indicates the charging status:

- White (solid), Ready.
- White (pulsing), Starting to charge.
- Green (pulsing), Charging.
- Green (solid), Charge Complete.
- Blue (solid), Charge Scheduled.
- Red (solid), Error.
- Red (pulsing), Error.

To stop the charging session:

- Select Stop Charge from Energy menu.
- Unplug the charge cable and return the plug to the charger.

Signs of discharged 12-volt batteries include the following:

- Doors and storage areas will not unlock.
- Vehicle does not respond to key fob.
- Lighting will not illuminate.
- Displays will not power up.

To jump start the 12-volt batteries:

- Remove the trailer hitch cover to access the jump start wire harness at the rear of the vehicle.
- Remove the round access panel to the right of the trailer hitch.
- Pull out the jump start wire harness.
- Connect the positive lead (red) to the red lead on the jump start wire harness and negative lead (black) to the black lead on the jump start wire harness.

Once energized, you can unlock the vehicle and power up the vehicle displays. If the vehicle battery has drained to 0%, open the charge port and charge as soon as possible.

08.08.02 Power requirements necessary to recharge vehicle

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

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

Energy from the high voltage battery is used to power the electric heater and electric air conditioning. Energy is drawn by an on-board DC-DC converter that converts the high voltage to 14 Volts DC to maintain the low voltage battery system and power 12 Volt systems. Energy is also drawn by an on-board DC-AC converter to provide AC power to NEMA 15-5 outlets located in the vehicle.

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 3 Bin 0 regulations applicable to new Medium Duty Passenger Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2026 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

The high voltage battery is to be serviced and handled only by technicians authorized by Rivian.

17.05.03 Description of emergency procedures

Emergency procedures are described in the owner’s manual. Please refer to the owner’s manual for details. Emergency procedures for first responders are described in the Emergency Response Guide provided for this vehicle.

17.06.00 (Reserved)

Test Results:

R1S Performance Dual Max (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_cy c	Kuwgt	Kwgt	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

Range	0.7 Adj	Adj	MPGe	MPGe
Factor	0.7000	0.70790	0.7000	0.70790
City	435.84	440.76	90.3325	91.3518
Hwy	368.57	372.73	76.3901	77.2521
Combined	405.57	410.14	84.06	85.01

R1T Performance Dual Max (22in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1S
Model Year: 2025
Vehicle: R1T 240X (22")
Test Number:
Comments: ALL PURPOSE
Lab: FEV
Test Date: 4/12/2024

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cy c	Kuwgt	Kwgt	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

Range	0.7 Adj		MPGe	MPGe
	Adj			
Factor	0.70000	0.70991	0.70000	0.70991
City	446.00	452.31	91.7023	93.0002
Hwy	384.86	390.31	79.1309	80.2509
Combined	418.49	424.41	85.58	86.80

R1S Performance Dual Max (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**
Lab: FEV
Test Date: **2/24/2024**

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cy c	Kuwgt	Kwgt
UDDS1	1961.58	7.448	263.36	65.84	3.64
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			

Recharge
AC WattHrs

162327

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

Range	0.7 Adj	Adj	MPGe	MPGe
	Factor	0.70000	0.71258	0.70000
City	408.95	416.30	84.9127	86.4386
Hwy	349.44	355.72	72.5565	73.8603
Combined	382.17	389.04	79.35	80.78

R1T All-Terrain Performance Dual Max (20in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1S
Model Year: 2025
Vehicle: R1T 240X All-Terrain (20")
Test Number:
Comments: ALL PURPOSE
Lab: FEV
Test Date: 4/1/2024

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cy c	Kuwgt	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	EPA version	
			MPGe	kWh/100mi
UDDSu	534.07	307.58		
UDDSw	545.76	300.99	111.9795	30.0992
HWY	487.84	336.73	100.0956	33.6728

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

Range	0.7 Adj		Adj	
	Factor	MPGe	MPGe	MPGe
Factor	0.70000	0.70000	0.73346	0.73346
City	382.03	78.3857	400.29	82.1322
Hwy	341.49	70.0669	357.81	73.4158
Combined	363.79	74.41	381.18	77.97

R1S Performance Dual Large Plus (22in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1S
Model Year: 2025
Vehicle: R1S 247X (22") LARGE PLUS
Test Number:
Comments: **ALL PURPOSE**
Lab: FEV
Test Date: **6/16/2024**

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cy c	Kuwt	Kwgt	Recharge AC WattHrs
UDDS1	1769.12	7.462	237.08	59.27	3.60	136417.1
UDDS2	1715.64	7.465	229.82	57.45	75.44	
UDDS3	1658.28	7.442	222.82	55.71	73.15	
UDDS4	1669.9	7.433	224.67	56.17	73.75	
HWY1	2777.51	10.262	270.66	135.33		
HWY2	2693.61	10.238	263.09	131.55		
SS1	92001.53	271.866	338.41			
SS2	12120.79	35.183	344.51			
TOTAL	116406.39	357.351				

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	EPA version	
			MPGe	kWh/100mi
UDDSu	509.22	267.89		
UDDSw	515.21	264.78	127.2938	26.4781
HWY	436.18	312.75	107.7687	31.2753

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	225.9410	4.4259	3.7767
HFEDS	266.8761	3.7471	3.1974

Range	0.7 Adj	MPGe
Factor	0.70000	0.70000
City	360.64	89.1056
Hwy	305.33	75.4381
Combined	335.75	82.39

R1S All-Terrain Performance Dual Large Plus (20in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1S
Model Year: 2025
Vehicle: R1S 247X All-Terrain (20") LARGE PLUS
Test Number:
Comments: **ALL PURPOSE**
Lab: FEV
Test Date: **6/20/2024**

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cy c	Kuwgt	Kwgt	Recharge AC WattHrs
UDDS1	2106.91	7.465	282.26	70.56	5.15	136283.1
UDDS2	1997.54	7.454	267.98	67.00	87.70	
UDDS3	1907.83	7.424	257.00	64.25	84.10	
UDDS4	1945.65	7.433	261.74	65.44	85.66	
HWY1	3110.68	10.259	303.22	151.61		
HWY2	2976.67	10.228	291.02	145.52		
SS1	94527.72	262.609	359.96			
SS2	6926.84	18.931	365.91			
TOTAL	115499.85	331.803				

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

Results	Range (mi)	AC Wh/mi	EPA version	
			MPGe	kWh/100mi
UDDSu	432.19	315.33		
UDDSw	439.82	309.86	108.7752	30.9859
HWY	388.73	350.59	96.1384	35.0588

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	262.6054	3.8080	3.2273
HFEDS	297.1233	3.3656	2.8523

Range	0.7 Adj	MPGe
Factor	0.70000	0.70000
City	307.88	76.1427
Hwy	272.11	67.2969
Combined	291.78	71.89

R1S Performance Dual Large Plus (20in)

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1S
Model Year: 2025
Vehicle: R1S 247X 53G (20") LARGE PLUS
Test Number:
Comments: **ALL PURPOSE**
Lab: FEV
Test Date: **8/13/2024**

D.Good March 8, 2016

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwgt	Recharge AC WattHrs
UDDS1	1879.38	7.458	252.01	63.00	4.11	135744.52
UDDS2	1813.24	7.451	243.34	60.83	79.79	
UDDS3	1724.50	7.424	232.30	58.08	76.17	
UDDS4	1734.47	7.415	233.92	58.48	76.70	
HWY1	2920.93	10.264	284.57	142.28		
HWY2	2816.99	10.231	275.33	137.66		
SS1	88887.99	252.853	351.54			
SS2	13416.21	37.620	356.63			
TOTAL	115193.71	340.716				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.016	0.328	0.328	0.328	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version
					kWh/100mi
UDDSu	479.19	283.28			
UDDSw	486.52	279.01	120.8005	27.9014	27.90137
HWY	411.48	329.89	102.1704	32.9890	32.98902

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	236.7729	4.2235	3.5841
HFEDS	279.9470	3.5721	3.0313

Range	0.7 Adj	MPGe
Factor	0.70000	0.70000
City	340.56	84.5603
Hwy	288.04	71.5193
Combined	316.93	78.15

Certification Summary Information Report

Test Group	TRIVT00.0SEP		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	550 - R1S All-Terrain Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	760 - R1T All-Terrain Performance Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	520 - R1S Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	762 - R1T Performance Dual Max (22in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	510 - R1S Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	752 - R1T Dual Max (22in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	780 - R1T All-Terrain Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	592 - R1S Performance Dual Large Plus (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	540 - R1S Performance Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	592 - R1S Performance Dual Large Plus (22in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	792 - R1T Performance Dual Large Plus (22in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	790 - R1T All-Terrain Performance Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	750 - R1T All-Terrain Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	720 - R1T Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	762 - R1T Performance Dual Max (22in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	582 - R1S Dual Large Plus (22in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	782 - R1T Dual Large Plus (22in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	580 - R1S All-Terrain Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	710 - R1T Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	750 - R1T All-Terrain Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	790 - R1T All-Terrain Performance Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family						--
Rivian Automotive LLC	1 - Rivian	782 - R1T Dual Large Plus (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	530 - R1S Performance Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	752 - R1T Dual Max (22in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	560 - R1S All-Terrain Performance Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	730 - R1T Performance Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	550 - R1S All-Terrain Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	740 - R1T Performance Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	740 - R1T Performance Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	552 - R1S Dual Max (22in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	510 - R1S Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	540 - R1S Performance Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	530 - R1S Performance Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	710 - R1T Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	552 - R1S Dual Max (22in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	562 - R1S Performance Dual Max (22in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	590 - R1S All-Terrain Performance Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	580 - R1S All-Terrain Dual Large Plus (20in)	Federal	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	730 - R1T Performance Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	582 - R1S Dual Large Plus (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	720 - R1T Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	520 - R1S Dual Max (20in)	Federal	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	780 - R1T All-Terrain Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	562 - R1S Performance Dual Max (22in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	

Certification Summary Information Report

Test Group	TRIVT00.0SEP			Evaporative/Refueling Family				--
Rivian Automotive LLC	1 - Rivian	560 - R1S All-Terrain Performance Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	590 - R1S All-Terrain Performance Dual Large Plus (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	760 - R1T All-Terrain Performance Dual Max (20in)	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	1	No	
Rivian Automotive LLC	1 - Rivian	792 - R1T Performance Dual Large Plus (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No	

Engine Description

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

After Treatment Device(s) (ATD)

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

Official Test Numbers

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

SFTP LEV-III Official Test Numbers

Test Group Fuel	FTP	US06	SC03
Electricity	--	--	--

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	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	TRIVT00.0SEP	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

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	Creeper Gear	No

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	TRIVT00.0SEP	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 (Federal Tier 2, GVWR 8501-10000)	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.

Certification Summary Information Report

Test Group		TRIVT00.0SEP					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 3 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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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

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	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>10.258</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.11</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.1</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.28</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.948</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>28.74</td> </tr> </tbody> </table>				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
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																			
<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>7.452</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.05</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>0.2</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.836</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.63</td> </tr> </tbody> </table>				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
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																			
<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>293.285</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>12.56</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.39</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>25.1</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>105.57</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>35.99</td> </tr> </tbody> </table>				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
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																			
<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>7.463</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.94</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.33</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.59</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.785</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.92</td> </tr> </tbody> </table>				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
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	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	------------------------------	----

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

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

Charge Depleting Bag/Phase #8

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

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	TRIVT00.0SEP	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			
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	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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> </tbody> </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
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																		
Charge Depleting Bag/Phase #3																			
<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>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> </tbody> </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
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																		
Charge Depleting Bag/Phase #4																			
<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>3.863</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.11</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.47</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.65</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.389</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>35.96</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.863	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.11	Drive Trace Energy Economy Rating	0.47	Drive Trace Inertia Work Ratio Rating	1.65	Integrated DC KW-HRS	1.389	Manufacturer Fuel Economy	35.96
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.863																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.11																		
Drive Trace Energy Economy Rating	0.47																		
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	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	TRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10087441	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/13/2024	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	6061	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)	135.74
Charge Depleting Range (Calculated miles)	486.6	Charge Depleting Range (Actual miles)	486.6
Charge Depleting Range Highway (Calculated miles)	411.5	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	486.6
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.458
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.1
Drive Trace Energy Economy Rating	-0.56
Drive Trace Inertia Work Ratio Rating	-0.09
Integrated DC KW-HRS	1.879
Manufacturer Fuel Economy	25.2

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>10.264</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.27</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>-1.5</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.921</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>28.46</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.264	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.27	Drive Trace Energy Economy Rating	-0.22	Drive Trace Inertia Work Ratio Rating	-1.5	Integrated DC KW-HRS	2.921	Manufacturer Fuel Economy	28.46
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.264																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.27																		
Drive Trace Energy Economy Rating	-0.22																		
Drive Trace Inertia Work Ratio Rating	-1.5																		
Integrated DC KW-HRS	2.921																		
Manufacturer Fuel Economy	28.46																		
Charge Depleting Bag/Phase #3																			
<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>7.451</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.2</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.14</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.22</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.813</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.33</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.451	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.2	Drive Trace Energy Economy Rating	-0.14	Drive Trace Inertia Work Ratio Rating	0.22	Integrated DC KW-HRS	1.813	Manufacturer Fuel Economy	24.33
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.451																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.2																		
Drive Trace Energy Economy Rating	-0.14																		
Drive Trace Inertia Work Ratio Rating	0.22																		
Integrated DC KW-HRS	1.813																		
Manufacturer Fuel Economy	24.33																		
Charge Depleting Bag/Phase #4																			
<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>252.853</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>21.2</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.55</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>41.93</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>88.888</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>35.15</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	252.853	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	21.2	Drive Trace Energy Economy Rating	-1.55	Drive Trace Inertia Work Ratio Rating	41.93	Integrated DC KW-HRS	88.888	Manufacturer Fuel Economy	35.15
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	252.853																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	21.2																		
Drive Trace Energy Economy Rating	-1.55																		
Drive Trace Inertia Work Ratio Rating	41.93																		
Integrated DC KW-HRS	88.888																		
Manufacturer Fuel Economy	35.15																		
Charge Depleting Bag/Phase #5																			
<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>7.424</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.11</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.4</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.35</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.724</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.23</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.424	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.11	Drive Trace Energy Economy Rating	-0.4	Drive Trace Inertia Work Ratio Rating	0.35	Integrated DC KW-HRS	1.724	Manufacturer Fuel Economy	23.23
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.424																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.11																		
Drive Trace Energy Economy Rating	-0.4																		
Drive Trace Inertia Work Ratio Rating	0.35																		
Integrated DC KW-HRS	1.724																		
Manufacturer Fuel Economy	23.23																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.231
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.03
Drive Trace Energy Economy Rating	0.45
Drive Trace Inertia Work Ratio Rating	0.83
Integrated DC KW-HRS	2.817
Manufacturer Fuel Economy	27.53

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.415
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.43
Drive Trace Energy Economy Rating	0.06
Drive Trace Inertia Work Ratio Rating	0.77
Integrated DC KW-HRS	1.734
Manufacturer Fuel Economy	23.39

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	37.62
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	99.99
Drive Trace Energy Economy Rating	-0.34
Drive Trace Inertia Work Ratio Rating	39.9
Integrated DC KW-HRS	13.416
Manufacturer Fuel Economy	35.66

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode), Performance Dual Motor, Large Plus Battery Pack, and 20" Wheels (Base HGA). UDDS1: 252.01 Wh/mi, UDDS2: 243.34 Wh/mi, UDDS3: 232.30 Wh/mi, UDDS4: 233.92 Wh/mi. UDDS1 Energy: 1879.38 Wh HWY1: 284.57 Wh/mi, HWY2: 275.33 Wh/mi MCT Energy: 115193.71 Wh

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	-11.29	0.3931	0.01757	17.2
Cold CO	59.58	0.7301	0.01841	99.9	0.9999	0.999	N/A
US06	54.16	0.6637	0.01674	-11.29	0.3931	0.01757	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	TRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086853	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/20/2024	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	5700	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)	136.28
Charge Depleting Range (Calculated miles)	439.82	Charge Depleting Range (Actual miles)	439.82
Charge Depleting Range Highway (Calculated miles)	388.73	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	439.82
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.465
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.42
Drive Trace Energy Economy Rating	-0.82
Drive Trace Inertia Work Ratio Rating	-0.55
Integrated DC KW-HRS	2.107
Manufacturer Fuel Economy	28.23

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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>-0.68</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>-0.86</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>3.111</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>30.32</td> </tr> </tbody> </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	-0.68	Drive Trace Energy Economy Rating	-0.5	Drive Trace Inertia Work Ratio Rating	-0.86	Integrated DC KW-HRS	3.111	Manufacturer Fuel Economy	30.32
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.259																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.68																		
Drive Trace Energy Economy Rating	-0.5																		
Drive Trace Inertia Work Ratio Rating	-0.86																		
Integrated DC KW-HRS	3.111																		
Manufacturer Fuel Economy	30.32																		
Charge Depleting Bag/Phase #3																			
<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>7.454</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.24</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.43</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.25</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.998</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>26.8</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.454	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.24	Drive Trace Energy Economy Rating	-0.43	Drive Trace Inertia Work Ratio Rating	-0.25	Integrated DC KW-HRS	1.998	Manufacturer Fuel Economy	26.8
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.454																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.24																		
Drive Trace Energy Economy Rating	-0.43																		
Drive Trace Inertia Work Ratio Rating	-0.25																		
Integrated DC KW-HRS	1.998																		
Manufacturer Fuel Economy	26.8																		
Charge Depleting Bag/Phase #4																			
<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>262.609</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>20.21</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.38</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>40.03</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>94.528</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>36</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	262.609	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	20.21	Drive Trace Energy Economy Rating	-0.38	Drive Trace Inertia Work Ratio Rating	40.03	Integrated DC KW-HRS	94.528	Manufacturer Fuel Economy	36
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	262.609																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	20.21																		
Drive Trace Energy Economy Rating	-0.38																		
Drive Trace Inertia Work Ratio Rating	40.03																		
Integrated DC KW-HRS	94.528																		
Manufacturer Fuel Economy	36																		
Charge Depleting Bag/Phase #5																			
<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>7.424</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.37</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.55</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.19</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.908</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>25.7</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.424	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.37	Drive Trace Energy Economy Rating	0.55	Drive Trace Inertia Work Ratio Rating	2.19	Integrated DC KW-HRS	1.908	Manufacturer Fuel Economy	25.7
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.424																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.37																		
Drive Trace Energy Economy Rating	0.55																		
Drive Trace Inertia Work Ratio Rating	2.19																		
Integrated DC KW-HRS	1.908																		
Manufacturer Fuel Economy	25.7																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.228
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	5.8
Drive Trace Energy Economy Rating	0.49
Drive Trace Inertia Work Ratio Rating	6.02
Integrated DC KW-HRS	2.977
Manufacturer Fuel Economy	29.1

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.433
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.24
Drive Trace Energy Economy Rating	0.82
Drive Trace Inertia Work Ratio Rating	2.23
Integrated DC KW-HRS	1.946
Manufacturer Fuel Economy	26.17

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	18.931
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	99
Drive Trace Energy Economy Rating	-1.26
Drive Trace Inertia Work Ratio Rating	36.58
Integrated DC KW-HRS	6.927
Manufacturer Fuel Economy	36.59

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Large Plus Battery Pack, and 20" All-Terrain Tires. UDDS1: 282.26 Wh/mi, UDDS2: 267.98 Wh/mi, UDDS3: 257.00 Wh/mi, UDDS4: 261.74 Wh/mi. UDDS1 Energy: 2106.91 Wh HWY1: 303.22 Wh/mi, HWY2: 291.02 Wh/mi MCT Energy: 115499.85 Wh

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	TRIVT00.0SEP	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 (Federal Tier 2, GVWR 8501-10000)	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	TRIVT00.0SEP	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 3 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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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)	622.63	Charge Depleting Range (Actual miles)	622.63
Charge Depleting Range Highway (Calculated miles)	526.53	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	622.63
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		7.432	
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	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>10.25</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>2.29</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.19</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.64</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.837</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>27.69</td> </tr> </tbody> </table>				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
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																			
<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>7.439</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.35</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.19</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.38</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.755</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.6</td> </tr> </tbody> </table>				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
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																			
<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>319.862</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>28.14</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.61</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>56.17</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>110.13</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>34.43</td> </tr> </tbody> </table>				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
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																			
<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>7.401</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.04</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.18</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.14</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.651</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>22.31</td> </tr> </tbody> </table>				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
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	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

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

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

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	TRIVT00.0SEP	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	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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> </tbody> </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																		
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																		
Charge Depleting Bag/Phase #3																			
<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>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> </tbody> </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																		
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																		
Charge Depleting Bag/Phase #4																			
<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>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> </tbody> </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																		
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																		
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	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	-12.51	0.4933	0.01954	15.6
Cold CO	46.26	0.5493	0.0219	99.9	0.9999	0.999	N/A
US06	42.05	0.4994	0.01991	-12.51	0.4933	0.01954	N/A

Emission Control Device Comments

Battery Electric Vehicle

Manufacturer Test Vehicle Comments

Cold CO set coefficients are placeholders. 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	TRIVT00.0SEP	Evaporative/Refueling Family	--
Test #	SRIV10086852	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/16/2024	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	5269	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)	136.42
Charge Depleting Range (Calculated miles)	515.21	Charge Depleting Range (Actual miles)	515.21
Charge Depleting Range Highway (Calculated miles)	436.1	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	515.21
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.462
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.19
Drive Trace Energy Economy Rating	-0.73
Drive Trace Inertia Work Ratio Rating	-0.14
Integrated DC KW-HRS	1.769
Manufacturer Fuel Economy	23.71

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>10.262</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.02</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.18</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.1</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.778</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>27.07</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.262	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.02	Drive Trace Energy Economy Rating	-0.18	Drive Trace Inertia Work Ratio Rating	-1.1	Integrated DC KW-HRS	2.778	Manufacturer Fuel Economy	27.07
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.262																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.02																		
Drive Trace Energy Economy Rating	-0.18																		
Drive Trace Inertia Work Ratio Rating	-1.1																		
Integrated DC KW-HRS	2.778																		
Manufacturer Fuel Economy	27.07																		
Charge Depleting Bag/Phase #3																			
<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>7.465</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.06</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>0.06</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.716</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>22.98</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.465	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.06	Drive Trace Energy Economy Rating	-0.45	Drive Trace Inertia Work Ratio Rating	0.06	Integrated DC KW-HRS	1.716	Manufacturer Fuel Economy	22.98
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.465																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.06																		
Drive Trace Energy Economy Rating	-0.45																		
Drive Trace Inertia Work Ratio Rating	0.06																		
Integrated DC KW-HRS	1.716																		
Manufacturer Fuel Economy	22.98																		
Charge Depleting Bag/Phase #4																			
<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>271.866</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>77.14</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.55</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>99</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>92.002</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>33.84</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	271.866	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	77.14	Drive Trace Energy Economy Rating	-1.55	Drive Trace Inertia Work Ratio Rating	99	Integrated DC KW-HRS	92.002	Manufacturer Fuel Economy	33.84
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	271.866																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	77.14																		
Drive Trace Energy Economy Rating	-1.55																		
Drive Trace Inertia Work Ratio Rating	99																		
Integrated DC KW-HRS	92.002																		
Manufacturer Fuel Economy	33.84																		
Charge Depleting Bag/Phase #5																			
<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>7.442</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.76</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>1.21</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.68</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.658</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>22.28</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.442	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.76	Drive Trace Energy Economy Rating	1.21	Drive Trace Inertia Work Ratio Rating	2.68	Integrated DC KW-HRS	1.658	Manufacturer Fuel Economy	22.28
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.442																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.76																		
Drive Trace Energy Economy Rating	1.21																		
Drive Trace Inertia Work Ratio Rating	2.68																		
Integrated DC KW-HRS	1.658																		
Manufacturer Fuel Economy	22.28																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	------------------------------	----

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.238
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.92
Drive Trace Energy Economy Rating	1.45
Drive Trace Inertia Work Ratio Rating	4.5
Integrated DC KW-HRS	2.694
Manufacturer Fuel Economy	26.31

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.433
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.46
Drive Trace Energy Economy Rating	1.9
Drive Trace Inertia Work Ratio Rating	2.64
Integrated DC KW-HRS	1.67
Manufacturer Fuel Economy	22.47

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	35.183
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	99
Drive Trace Energy Economy Rating	-0.05
Drive Trace Inertia Work Ratio Rating	36.18
Integrated DC KW-HRS	12.121
Manufacturer Fuel Economy	34.45

Manufacturer Test Comments

R1S - Drive Mode: All-Purpose (Default Mode) Performance Dual Motor, Large Plus Battery Pack, and 22" Tires. UDDS1: 237.08 Wh/mi, UDDS2: 229.82 Wh/mi, UDDS3: 222.82 Wh/mi, UDDS4: 224.67 Wh/mi. UDDS1 Energy: 1769.12 Wh HWY1: 270.66 Wh/mi, HWY2: 263.09 Wh/mi MCT Energy: 116406.39 Wh

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	TRIVT00.0SEP	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 (Federal Tier 2, GVWR 8501-10000)	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		TRIVT00.0SEP				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 3 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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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>0.46</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.02</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.54</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.522</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>39.53</td> </tr> </tbody> </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	0.46	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
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																			
<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>3.588</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>-0.43</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.66</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.438</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>40.08</td> </tr> </tbody> </table>				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
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																			
<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>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>1.05</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.13</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.18</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.44</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>37.39</td> </tr> </tbody> </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	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
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	TRIVT00.0SEP	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)	545.76	Charge Depleting Range (Actual miles)	545.76
Charge Depleting Range Highway (Calculated miles)	487.84	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	545.76
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.434
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

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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> </tbody> </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 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>7.46</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> </tbody> </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																		
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																		
Charge Depleting Bag/Phase #4																			
<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>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> </tbody> </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 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>7.404</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> </tbody> </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	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	------------------------------	----

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

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

Charge Depleting Bag/Phase #8

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	TRIVT00.0SEP	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

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	Creeper Gear	No

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	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	TRIVT00.0SEP	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 (Federal Tier 2, GVWR 8501-10000)	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.

Certification Summary Information Report

Test Group	TRIVT00.0SEP	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 3 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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	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	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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> </tbody> </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 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>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> </tbody> </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																		
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																		
Charge Depleting Bag/Phase #4																			
<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>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> </tbody> </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																		
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																		
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	TRIVT00.0SEP	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

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

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>10.258</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-2.4</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.13</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.8</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.717</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>26.48</td> </tr> </tbody> </table>				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
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																			
<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>7.438</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.48</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.64</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.45</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.712</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.02</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.438	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.48	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
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																			
<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>318.792</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>19.67</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.82</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>39.08</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>109.893</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>34.47</td> </tr> </tbody> </table>				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
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																			
<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>7.455</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.43</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>1.09</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.39</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.649</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>22.12</td> </tr> </tbody> </table>				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
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	TRIVT00.0SEP	Evaporative/Refueling Family	--																
<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>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> </tbody> </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																		
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																		
Charge Depleting Bag/Phase #7																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.456</td> </tr> <tr> <td>Carbon-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> </tbody> </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																		
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																		
Charge Depleting Bag/Phase #8																			
<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>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> </tbody> </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	TRIVT00.0SEP	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Consolidated List of Standards

Exhaust Standards

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	MDPV (Federal Tier 2, GVWR 8501-10000)	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	Federal	Cert/In-Use Code	Cert
Vehicle Class	MDPV (Federal Tier 2, GVWR 8501-10000)	Standard Level	Federal Tier 3 Bin 0
Fuel	Electricity	Test Procedure	Charge Depleting Highway

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	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 (Federal Tier 2, GVWR 8501-10000)	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

Certification Summary Information Report

Test Group		TRIVT00.0SEP			Evaporative/Refueling Family			--		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		MDPV (Federal Tier 2, GVWR 8501-10000)			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	
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		MDPV (Federal Tier 2, GVWR 8501-10000)			Standard Level			Federal Tier 3 Bin 0		
Fuel		Electricity			Test Procedure			Charge Depleting UDDS		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	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 (Federal Tier 2, GVWR 8501-10000)			Standard Level			Federal Tier 3 Bin 0		
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o can. load)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0	0	

Certification Summary Information Report

Test Group	TRIVT00.0SEP	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	AS-VOLT	Average System Voltage
CO	Carbon Monoxide	CO2 BAG 1	Bag 1 Carbon Dioxide
CO2	Carbon dioxide	CO2 BAG 2	Bag 2 Carbon Dioxide
CREE	Carbon-Related Exhaust Emissions	CO2 BAG 3	Bag 3 Carbon Dioxide
OPT-CREE	Optional Carbon-Related Exhaust Emissions	CO2 BAG 4	Bag 4 Carbon Dioxide
NOX	Nitrogen Oxide	NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides
PM	Particulate Matter	NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides
PM-COMP	SFTP Composite Particulate Matter	DT-IWRR	Drive Trace Inertia Work Ratio Rating
HC-NM	Non-methane Hydrocarbon	DT-ASCR	Drive Trace Absolute Speed Change Rating
OMHCE	Organic material Hydrocarbon Equivalent	DT-EER	Drive Trace Energy Economy Rating
OMNMHCE	Organic material non-methane HC equivalent	COMB-CREE	Combined Carbon-Related Exhaust Emissions
NMOG	Non-methane organic gases	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
HCHO	Formaldehyde	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
H3C2HO	Acetaldehyde	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	LEAK-DIA	Effective Leak Diameter (inches)
CO-COMP	SFTP Composite Carbon Monoxide	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
ETHANOL	C2H5OH - Ethanol	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
FE BAG 1	Bag 1 Fuel Economy	KW-HRS	Integrated DC KW-HRS
FE BAG 2	Bag 2 Fuel Economy	CH4 BAG 1	Bag 1 Methane
FE BAG 3	Bag 3 Fuel Economy	CH4 BAG 2	Bag 2 Methane
FE BAG 4	Bag 4 Fuel Economy	CH4 BAG 3	Bag 3 Methane
MFR FE	Manufacturer Fuel Economy	CH4 BAG 4	Bag 4 Methane
HC	Hydrocarbon for Running Loss and ORVR	CO BAG 1	Bag 1 Carbon Monoxide
METHANE	CH4 - Methane	CO BAG 2	Bag 2 Carbon Monoxide
METHANOL	CH3OH - Methanol	CO BAG 3	Bag 3 Carbon Monoxide
N2O	Nitrous Oxide	CO BAG 4	Bag 4 Carbon Monoxide
SPITBACK	Spitback Hydrocarbon in grams	NMOG BAG 1	Bag 1 Non-methane organic gases
AMP-HRS	Integrated Amp-hours	NMOG BAG 2	Bag 2 Non-methane organic gases
START-SOC	System Start State of Charge Watt-hours	NMOG BAG 3	Bag 3 Non-methane organic gases
END-SOC	System End State of Charge Watt-hours	NMOG BAG 4	Bag 4 Non-methane organic gases
ACT-DISTANCE	Actual Distance Driven (miles)		

Certification Summary Information Report

Test Group	TRIVT00.0SEP	Evaporative/Refueling Family	
CA	California + CAA Section 177 states	FA	Federal
Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	T3B160	Federal Tier 3 Bin 160
B2	Federal Tier 2 Bin 2	T3B125	Federal Tier 3 Bin 125
B3	Federal Tier 2 Bin 3	T3B110	Federal Tier 3 Transitional Bin 110
B4	Federal Tier 2 Bin 4	T3B85	Federal Tier 3 Transitional Bin 85
B5	Federal Tier 2 Bin 5	T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover
B6	Federal Tier 2 Bin 6	T3B70	Federal Tier 3 Bin 70
B7	Federal Tier 2 Bin 7	T3B50	Federal Tier 3 Bin 50
B8	Federal Tier 2 Bin 8	T3B30	Federal Tier 3 Bin 30
B9	Federal Tier 2 Bin 9	T3B20	Federal Tier 3 Bin 20
B10	Federal Tier 2 Bin 10	T3B0	Federal Tier 3 Bin 0
B11	Federal Tier 2 Bin 11	HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
L2	California LEV-II LEV	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
L2OP	California LEV-II LEV Optional	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
U2	California LEV-II ULEV	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
S2	California LEV-II SULEV	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
ZEV	California ZEV	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
OT	Other	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
T1	Federal Tier 1	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
PZEV	California PZEV	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
L2LEV160	California LEV-II LEV160	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
L2ULEV125	California LEV-II ULEV125	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
L2SULEV30	California LEV-II SULEV30	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
L2LEV395	California LEV-II LEV395	L4SULEV100	California LEV-IV SULEV100
L2ULEV340	California LEV-II ULEV340	L4SULEV125	California LEV-IV SULEV125
L2LEV630	California LEV-II LEV630	L4SULEV15	California LEV-IV SULEV15
L2ULEV570	California LEV-II ULEV570	L4SULEV150	California LEV-IV SULEV150
L3LEV160	California LEV-III LEV160	L4SULEV170	California LEV-IV SULEV170
L3ULEV125	California LEV-III ULEV125	L4SULEV175	California LEV-IV SULEV175
L3ULEV70	California LEV-III ULEV70	L4SULEV20	California LEV-IV SULEV20
L3ULEV50	California LEV-III ULEV50	L4SULEV200	California LEV-IV SULEV200
L3SULEV30	California LEV-III SULEV30	L4SULEV230	California LEV-IV SULEV230
L3SULEV20	California LEV-III SULEV20	L4SULEV25	California LEV-IV SULEV25
L3LEV395	California LEV-III LEV395	L4SULEV30	California LEV-IV SULEV30
L3ULEV340	California LEV-III ULEV340	L4SULEV75	California LEV-IV SULEV75
L3ULEV250	California LEV-III ULEV250	L4SULEV85	California LEV-IV SULEV85
L3ULEV200	California LEV-III ULEV200	L4ULEV125	California LEV-IV ULEV125

Certification Summary Information Report

Test Group		TRIVT00.0SEP	Evaporative/Refueling Family		--
L3SULEV170	California LEV-III SULEV170		L4ULEV200	California LEV-IV ULEV200	
L3SULEV150	California LEV-III SULEV150		L4ULEV250	California LEV-IV ULEV250	
L3LEV630	California LEV-III LEV630		L4ULEV270	California LEV-IV ULEV270	
L3ULEV570	California LEV-III ULEV570		L4ULEV40	California LEV-IV ULEV40	
L3ULEV400	California LEV-III ULEV400		L4ULEV400	California LEV-IV ULEV400	
L3ULEV270	California LEV-III ULEV270		L4ULEV50	California LEV-IV ULEV50	
L3SULEV230	California LEV-III SULEV230		L4ULEV60	California LEV-IV ULEV60	
L3SULEV200	California LEV-III SULEV200		L4ULEV70	California LEV-IV ULEV70	
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)		M	Manual	
A	Automatic		OT	Other	
AM	Automated Manual		SA	Semi-Automatic	
CVT	Continuously Variable		SCV	Selectable Continuously Variable (e.g. CVT with paddles)	
Drive System Code					
4	4-Wheel Drive		P	Part-time 4-Wheel Drive	
F	2-Wheel Drive, Front		A	All Wheel Drive	
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter		ICI	Independent Commercial Importer	
CSI	Certificate Summary Information		ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor		SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative		Trans	Transmission	

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle 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____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify):_____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

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

Switched Reluctance____ Other (specify): AC Permanent Magnet .

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000 .

Drive: FWD____ RWD 4WD-FT 4WD-PT X _

Regenerative Braking: No ____ Yes X FW 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 Dual Max (22in) R1T Performance Dual Max (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: 03/19/2025

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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		____ TW <u>X</u> ETW	____ DPA ____ RLHP Or dyno coeff.				
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 Performance Dual Max.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 (≥ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW)X, MDV7 (10,001-14,000 lbs. GVW)____

ZEV Type: NEV____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify): _____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

Drive Motors(s): AC Induction____ DC Brush____. DC Brushless____
Switched Reluctance____ Other (specify): AC Permanent Magnet.

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.

Drive: FWD____ RWD____ 4WD-FT____ 4WD-PTX

Regenerative Braking: No____ YesX FW____ RW____ AWX.

Driver Controlled Regen Braking: YesX No____ Coast Regen Braking: YesX No____.

Air Conditioning: YesX No____, Fuel Fired Heater:¹ Yes____ NoX.

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 Dual Large Plus(22in) R1T Dual Large Plus (22in) R1S Performance Dual Large Plus (22in) R1T Performance Dual Large Plus (22in)	Automatic	8532 lbs.	6713 lbs. (R1S) 6687 lbs. (R1T)	7000 lbs.	a: 42.05 lbf b: 0.4994 lbf/mph c: 0.01991 lbf/mph ²

Date Issued: 03/19/2025 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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		<u> </u> TW <u> X </u> ETW	<u> </u> DPA <u> </u> RLHP Or dyno coeff.				
R1S247XR22	Auto	7000 lbs.	a: -12.51 lbf b: 0.4933 lbf/mph c: 0.01954 lbf/mph ²	515.21	264.78	225.94	225.94
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				436.18	312.75	266.88	266.88

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

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Performance Dual Large Plus.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle 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____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify):_____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

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

Switched Reluctance____ Other (specify): AC Permanent Magnet .

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000 .

Drive: FWD____ RWD 4WD-FT 4WD-PT X

Regenerative 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 Dual Max (22in) R1S Performance Dual Max (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: 03/19/2025

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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		____ TW <u>X</u> ETW	____ DPA ____ RLHP Or dyno coeff.				
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 Performance Dual Max.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 (≥ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW)X, MDV7 (10,001-14,000 lbs. GVW)____

ZEV Type: NEV____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify):_____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

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

Switched Reluctance____ Other (specify): AC Permanent Magnet .

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000 .

Drive: FWD____ RWD 4WD-FT 4WD-PT X _

Regenerative Braking: No ____ Yes X FW 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 Dual Max (20in) R1T Dual Max (20in) R1S Performance Dual Max (20in) R1T Performance Dual Max (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: 03/19/2025 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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION
REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND
MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		<u> </u> TW <u> X </u> ETW	<u> </u> DPA <u> </u> RLHP Or dyno coeff.				
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 Performance Dual Max.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 (≥ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW)X, MDV7 (10,001-14,000 lbs. GVW)____

ZEV Type: NEV____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify):_____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

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

Switched Reluctance____ Other (specify): AC Permanent Magnet.

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.

Drive: FWD____ RWD____ 4WD-FT____ 4WD-PTX

Regenerative Braking: No____ YesX FW____ RW____ AWX.

Driver Controlled Regen Braking: YesX No____ Coast Regen Braking: YesX No____.

Air Conditioning: YesX No____, Fuel Fired Heater:¹ Yes____ NoX.

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 All-Terrain Dual Large Plus (20in) R1T All-Terrain Dual Large Plus (20in) R1S All-Terrain Performance Dual Large Plus (20in) R1T All-Terrain Performance Dual Large Plus(20in)	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: 03/19/2025

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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION
REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND
MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		<u> </u> TW <u> X </u> ETW	<u> </u> DPA <u> </u> RLHP Or dyno coeff.				
R1S247XR20AT	Auto	7000 lbs.	a: -11.29 lbf b: 0.3931 lbf/mph c: 0.01757 lbf/mph ²	439.82	309.86	262.61	262.61
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				388.73	350.58	297.12	297.12

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

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Performance Dual Large Plus.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 (≥ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW)X, MDV7 (10,001-14,000 lbs. GVW)____

ZEV Type: NEV____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify):_____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

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

Switched Reluctance____ Other (specify): AC Permanent Magnet.

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.

Drive: FWD____ RWD____ 4WD-FT____ 4WD-PTX

Regenerative Braking: No____ YesX FW____ RW____ AWX.

Driver Controlled Regen Braking: YesX No____ Coast Regen Braking: YesX No____.

Air Conditioning: YesX No____, Fuel Fired Heater:¹ Yes____ NoX.

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 Dual Large Plus (20in) R1T Dual Large Plus (20in) R1S Performance Dual Large Plus (20in) R1T Performance Dual Large Plus (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: 03/19/2025

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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION
REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND
MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		<u> </u> TW <u> X </u> ETW	<u> </u> DPA <u> </u> RLHP Or dyno coeff.				
R1S247XR20	Auto	7000 lbs.	a: -20.81 lbf b: 0.6048 lbf/mph c: 0.01854 lbf/mph ²	486.52	279.01	236.77	236.77
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				411.48	329.89	279.95	279.95

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

Remarks: Rated motor power 264 kW @ 6,000 rpm corresponds to Performance Dual Max.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 2

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 (≥ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW)X, MDV7 (10,001-14,000 lbs. GVW)____

ZEV Type: NEV____, ZEVX

No. of ZEV Credits per vehicle: 4.0

Fuel Type: Electro-chemical BatteryX, 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 IonX,

Other (specify):_____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392

Charger(s): On-boardX Off-boardX ConductiveX Inductive____.

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

Switched Reluctance____ Other (specify): AC Permanent Magnet.

No. of Drive Motors2 Rated motor power 264 kW @ 6000 rpm Max rpm: 16000.

Drive: FWD____ RWD____ 4WD-FT____ 4WD-PTX

Regenerative Braking: No____ YesX FW____ RW____ AWX.

Driver Controlled Regen Braking: YesX No____ Coast Regen Braking: YesX No____.

Air Conditioning: YesX No____, Fuel Fired Heater:¹ Yes____ NoX.

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 All-Terrain Dual Max (20in) R1T All-Terrain Dual Max (20in) R1S All-Terrain Performance Dual Max (20in) R1T All-Terrain Performance Dual Max (20in)	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: 03/19/2025 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

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION
REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND
MEDIUM-DUTY VEHICLES

Manufacturer: Rivian Automotive, LLC Test Group: TRIVT00.0SEP

Range Test Results							
Vehicle ID	Trans	(check one)	(check one)	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		<u> </u> TW <u> X </u> ETW	<u> </u> DPA <u> </u> RLHP Or dyno coeff.				
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 Performance Dual Max.

Date Issued: 03/19/2025 Revisions:

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

Application:

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

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 03/21/2025

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

RIV

Manufacturer Name *

Rivian Automotive LLC

Contact Name *

Sepehr Zakeresfahani

Contact Email Address *

sepzaker@rivian.com

Contact Phone *

3175152201

Calendar Year complete application submitted to EPA *

2025

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2025, through December 31, 2025. 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 *

TRIVT00.0SEP

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

\$32,939.00

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.

The content of this document may contain Sensitive But Unclassified (SBU) data and/or Controlled Unclassified Information (CUI).