



APPLICATION FOR CERTIFICATION

Part 1

2027 ModelYear

Durability Group: VCRXEEVNNF02

Evaporative Family: N. A.

Test Group: VCRXD00.0517

Test Group Description: MDV/HDV

Application Standards

50 State - Tier 3 BIN 0 / ACC I ZEV

Vehicles Covered

RAM ProMaster EV (Delivery)

RAM ProMaster EV (Cargo)

Vehicle Tested:

VID 1 config., Vehicle ID L4VFL2544

Application date:

April 17, 2026

For Questions, Contact:

Avinash Manivannan 248.934.7024 Gary J. Arvan 248.221.9461

All testing completed- Unconditional Certification Request

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1.0 **Communications**

1.1 **Mailing Information**

1.1.1 **Certification Information**

FCA US LLC
Gary J. Arvan, Director
CIMS 482 - 00 - 81
800 Chrysler Drive
Auburn Hills MI USA
48326 - 2757

1.1.2 **Responsible official**

For questions dealing with the Part I application for this Test Group contact:

Name	Gary J. Arvan	Avinash Manivannan
Title	Director, Homologation Programs	Certification Engineer
Responsibility	Certification Program	Application Submission
Phone	248.221.9461	248.934.7024
E-Mail	gary.arvan@stellantis.com	avinaschander.manivannan@stellantis.com
Fax	248.576.7928	248.576.7928

For a complete listing of all Correspondence and Communication Information for FCA US LLC, please see:

"Common Section Book - Section 1 Correspondence and Communication"

2.0 **Confidential Information**

2.1 **Statement of confidentiality**

FCA US LLC considers sections 2.3 and 17.2 confidential. All pages constitute confidential business information and trade secrets of the FCA US LLC.

DURATION OF CONFIDENTIALITY

FOI Application Until issuance of Certification of Conformity

CBI Application Permanent

ALL PORTIONS OF THIS DOCUMENT, AND ALL INFORMATION CONTAINED HEREIN, ARE DEEMED CONFIDENTIAL INFORMATION OF FCA US LLC.

Use, publication or release of this confidential information by unauthorized persons is not permitted without the express written consent of FCA US LLC.

2.2 **Test Vehicle Selection**

Fuel: Electricity

Vehicle class(es) covered: HDV2b/MDV1

Emission standards class: BIN 0/ZEV

Test Vehicle ID: L4VFL2544

Configuration #: 0

Engine Code: AA-1000

Transmission: A1

ETW (lbs): 8500

Axle Ratio: 10.1

Tire: (Front/Rear) LT225/75R16E / LT225/75R16E

Test parameters:

"Worst case" test vehicle selected.

2.3 **Projected Total annual model-year sales:**

3.0 **Facilities, Equipment and Test Procedures**

Information regarding FCA facilities and equipment on file.

3.1 **(Reserved)**

3.2 **Battery and Vehicle Pre-Conditioning Procedures:**

The high voltage battery and vehicle does not require any pre-conditioning to enable the vehicle system. However, FCA US decided to have the test vehicle accumulate 2000 miles before testing.

6.0 Maintenance

6.1 Test Vehicle Scheduled Maintenance

Not applicable (same as “Recommended Customer Maintenance Schedule” found in next section).

6.2 Recommended Customer Maintenance Schedule

The Maintenance Schedules and the required maintenance intervals can be found in the Owner's manual.

6.3 Lubricants and heater fuels, if any.

Information about all the applicable lubricants can be found in the Owner's manual.

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

7.1 VECI Label Locations:

The vehicle emission control information label is affixed in the location of the motor/"engine" compartment under the hood, near the passenger side cowl. Attached below is this vehicle's VECI label.

7.2 Sample VECI label.

FCA US LLC		VEHICLE EMISSION CONTROL INFORMATION		CONFORMS TO REGULATIONS: 2027 MY NO ADJUSTMENTS NEEDED	
U.S. EPA: T3 B0 HDV OBD: N/A FUEL: ELECTRICITY			CA: ZEV MDV OBD: N/A FUEL: ELECTRICITY		
GROUP: VCRXD00.0517		ENGINE: BEV EVAP: N/A			
68732 925AA					

7.3 EP Label (Formerly called the Smog Index label) included in the Monroney label.

The Fuel Economy Label is installed on the passenger side front door. The Monroney Label includes the EPA/DOT Fuel Economy and Environment Section (GHG, Smog Rating) based on the template published by EPA in May 2011. Attached below is a sample label.

California Air Resources Board
Electric Vehicle

Environmental Performance

These ratings are not directly comparable to the U.S. EPA/DOT light-duty vehicle label ratings. For information on how to compare, please see www.arb.ca.gov/ep_label.

Protect the environment. Choose vehicles with **higher ratings**:

Greenhouse Gas Rating (tailpipe only)

A+

A+

D

Cleaner

Smog Rating (tailpipe only)

A+

A+

D

Cleaner

Does not include emissions from producing electricity.

Vehicle emissions are a primary contributor to climate change and smog. Ratings are determined by the California Air Resources Board based on this vehicle's measured emissions.


CALIFORNIA
AIR RESOURCES BOARD

7.4 Statement of Compliance

This vehicle conforms to US EPA Tier 3 BIN 0 vehicle regulations applicable to 2027 model year new motor vehicles and to California regulations applicable to 2027 model year new ACC I ZEV light-duty vehicles.

8.0 **General Technical Description**

8.1 **Description of Propulsion System**

The RAM ProMaster EV operates entirely on electricity stored in the high voltage battery. The vehicle is equipped with a Lithium-ion high voltage battery that is used to power the electric powertrain systems and the 12-volt vehicle electrical system. The vehicle is equipped with an Interior Permanent Magnet (IPM) Electric-Drive Motor- the device that uses electrical energy to produce mechanical energy, or propulsion.

The vehicle is equipped with a single-speed transmission to transfer the torque from the E-Drive motor to the drive wheels.

The RAM ProMaster EV has a Regenerative Braking System (RBS). The RBS uses conventional hydraulic friction brakes, regenerative braking, or a combination to slow the vehicle. The electric motors which propel the vehicle forward can operate as generators when braking. The RBS recharges the high voltage battery under certain braking conditions by recapturing energy that would otherwise be lost while braking.

The RAM ProMaster EV is equipped with a Manual Temperature Control (MTC) HVAC system. Details are found in Section 8.6.3 (Climate control system logic).

The vehicle is equipped with an Electric Power Steering (EPS) system and operates without the use of power steering fluid.

The RAM ProMaster EV is equipped with a liquid cooled 11 kW on-board charger. Details are found in Section 8.8.2 (Power requirements necessary to recharge vehicle).

8.2 Description of Motor

The E-Motor is an Interior Permanent Magnet (IPM) synchronous machine that consists of 4 poles pairs, bar wound copper windings in the stator, and NdFeB rare earth magnets in the rotor.

The rotor consists of permanent NdFeB neodymium magnets (alloy of neodymium, iron, and boron) pressed in laminated silicon electrical steel sheet metal stacks.

The motor utilizes a stator with distributed windings.

The motor delivers a peak torque of 410 Nm up to about 4500rpm and a peak power of 205 kW at about 5500rpm.

8.3 Description of Battery

8.3.1 Battery Charging Capacity

The procedure to determine the specific energy of batteries used to power the RAM ProMaster EV was conducted in accordance with the U.S. Advanced Battery Consortium's Electric Vehicle Battery Procedure Manual (January 1996), Procedure No. 2, "Constant Current Discharge Test Series," using the C/3 rate. The weight calculation reflects a completely functional battery system as defined in the Appendix of the Manual, including pack(s), required support ancillaries (e.g., thermal management), and electronic controller.

2024 VF BEV Battery Information & Rated Performance Targets

Weight (kg)	655	
Rated Capacity	334Ah	
Cell Voltage Range	2.80-4.25V	
Pack Voltage	252.0-382.50V	
Capacity/Ah	>334	C/3 charge & WLTP discharge
Usable Energy (kWh)	>97.78	C/3 charge & WLTP discharge

8.3.2 Self-Discharge Information

The Self discharge of the battery is temperature dependent. We estimate an average of approximately 3% per month (Battery Temperatures $\leq 40^{\circ}\text{C}$).

8.3.3 Description of Thermal Management System

The high voltage battery is thermally managed by circulating heated or cooled liquid through the battery pack. Cooling of the liquid is achieved via a refrigerant-cooled chiller, in all warm/hot ambient conditions. Heating is achieved through a high voltage electric coolant heater. An electric coolant pump controls the flow of liquid.

8.3.4 Description of End of Life

The battery end of life is described as approximately 70% remaining capacity (30% capacity loss) after approximately 10 years of use.

8.3.5 Description of Battery Disposal Plan

FCA US LLC has remanufacturing, second life and recycling suppliers selected. Any battery that needs dispositioned (warranty return or other) will be triaged and utilized in the following order: 1. Remanufacturing. 2. Second life. 3. Recycling. Any material remaining as an output of any of the three operations will be recycled or reused accordingly.

Please contact an FCA US LLC authorized dealership for further information on the disposal of the battery if it should require replacement.

8.4 Description of Controller/Inverter

EVCU1 is the supervisory PRS controller that coordinates MCP, BPCM, and IDCM and is interface with the rest of the vehicle. The coordination includes but not limited to commanding motor torque to MCP following driver demand, Energy management, Thermal management, diagnostics.

8.5 **Description of Transmission**

The vehicle is equipped with a single-speed transmission with a 10.099 Motor rpm to gear box output reduction to transfer the torque from the E-Drive motor to the drive wheels.

8.6 **Description of climate control system**

The RAM ProMaster EV is equipped with a Manual Temperature Control (MTC) HVAC system. The RAM ProMaster EV also uses an electric PTC heater for cabin heating.

8.6.1 **Electric Heat Pump**

Not Applicable

8.6.2 (Reserved)

8.6.3 **Climate control system logic**

The RAM ProMaster EV uses a high voltage electric air conditioning compressor that is used to cool cabin. It is also used to cool high voltage battery based on certain scenarios.

The RAM ProMaster EV uses an electric air conditioning compressor. The air conditioning compressor is powered by the high voltage battery system and is used to cool the vehicle occupants and the high voltage battery while the vehicle is being driven or when it is being charged.

The RAM ProMaster EV also uses an electric PTC heater for cabin heating.

The RAM ProMaster EV is equipped with an electric coolant heater to provide heat to the high voltage battery.

When high voltage battery SOC's is low the control strategy may disable HVAC heating and cooling to extend the driving range of the vehicle. It may also disable heated seats functionality. There are additional control features to turn off high voltage battery heater and chiller at very low SOC's.

8.6.4 (Reserved)

8.7 Description of Regenerative Braking System

8.7.1 Control logic

The regenerative braking function control logic is based on maximizing recapture of available kinetic energy during braking while maintaining vehicle stability and stopping performance at all times. It also performs the blending operation of regenerative braking and friction braking in a manner that is smooth and imperceptible to the driver.

There are two Regeneration Modes

1. Coast Regeneration – (Foot off accelerator pedal but not on brake pedal)

The Motor/Generator acts to gradually slow down the vehicle (to simulate a conventional vehicle behavior) with minimum energy recuperated.

2. Brake Regeneration – (Foot on brake pedal, or deceleration request from cruise control module)

During light brake pedal application, only the Motor/Generator is slowing the car. No friction brake needed. With heavier brake pedal application, the conventional friction brakes may also be applied.

For the Coast Regeneration mode (foot off accelerator pedal but not on brake pedal) the driver is allowed to select between three levels of braking. This selection determines the maximum magnitude of regenerative braking during coast regeneration. When the low setting is selected, the braking force is due to regeneration only. When the middle or high setting is selected, the braking force will operation, functionally, the same way the Brake Regeneration mode functions, wherein the total brake demand may be achieved only with the Motor/Generator or in combination with the friction brakes. In the middle and high setting, the total brake demand is sent as a request from the supervisory powertrain controller to the regenerative brake controller. Additionally, for Coast Regeneration mode, the driver is able to select Creep On or Creep Off. With Creep On, the braking will slow the vehicle until the Motor/Generator capacity for regenerative braking reaches zero, which is roughly 1.5 kph. Below this speed the vehicle will be allowed to creep forward. With Creep Off the regenerative braking will transition to friction brakes to bring the vehicle to zero speed and hold the vehicle at standstill.

The Controller calculates available regenerative capacity based on various system constraints e.g. Motor Capability, Battery Charge Capacity etc. The controller ensures delivery of coast regeneration based on vehicle's coast down properties. The controller also ensures that the brake regeneration torque is delivered based on brake regeneration request. The brake system module interprets the driver commanded braking needs and coordinates both the frictional braking and regenerative braking with the supervisory powertrain controller which in turn, interacts with the regenerative brake controller in real time.

8.7.2 Percentage of braking performed on road by each axle

The front to rear friction brake distribution for the RAM ProMaster EV is approximately 75% to 25% front to rear. Being a front wheel vehicle, during a regular braking event the regenerative braking distribution is variable, but may be up to 100% rear for cases when the front axle is decoupled.

8.8 Description of charger

8.8.1 Proper recharging procedures

The vehicle is not equipped with a standard AC 120V NEMA 5-15 Electric Vehicle Supply Equipment (EVSE) also referred to as a charge cord. The EVSE is optional and is used to charge the high voltage battery and plugs into any standard AC grounded outlet. Additional details can be found in owner's manual.

8.8.2 Power requirements necessary to recharge vehicle

The RAM ProMaster EV is equipped with a liquid cooled 11 kW on-board charger. It uses an industry standard SAE J1772 charge receptacle for both AC Level 1 (120V) and AC Level 2 (240V) charging.

Level 1 charging is done by using a conventional 120 Volt AC grounded receptacle along with the NEMA 5–15 Electric Vehicle Supply Equipment (EVSE).

Level 2 Charging (240V) requires a 40 Amp circuit breaker or greater. Level 2 charging is done by using 240V permanently mounted EVSEs. Level 2 charging is the preferred method for charging the vehicle.

8.9 Accessories which draw energy from the batteries

The Power Inverter Module (PIM) converts power between HV DC source and AC output to control the current and torque of an electric motor; it can operate bidirectionally in motoring or generating. The inverter peak current rating is 650 Arms.

8.10 Other Unique Features

Not Applicable

8.11 Description of Warning Systems for Maintenance/Malfunction

Description of warning systems is included in Owner's manual. Please refer to owner's manual for details.

8.11.1 Cut off terminal voltages for prevention of battery damage

The control electronics inside of the Drive Unit and Charger are programmed not to allow the unit to drive the voltage of the battery above or below hard voltage limits. If the battery pack is unable to achieve a desired response from these systems and the voltage reaches above or below a set limit, the two switches inside the battery pack will open, disabling the entire high voltage system in the car.

11.0. Starting and Shifting Schedules

11.1 Starting Procedure

The transmission must be in the PARK or NEUTRAL position before you can start the vehicle. Apply the brakes before placing the transmission into any position. You must press the brake pedal before selecting a transmission gear.

Press the START button while your vehicle is in PARK. When the START button is pressed and brake is applied, the "READY" indicator in the RAM ProMaster EV's Electronic Vehicle Information Center (EVIC / Instrument Cluster) will illuminate to indicate the Electric Drive System has started. When the "READY" indicator is illuminated your RAM ProMaster EV is ready to be driven.

11.2 Shifting Schedule

The RAM ProMaster EV uses a Single-Speed Transmission to direct the output from the electric motor. The single-speed transmission is operated using a rotary shifter instead of a traditional shift lever.

12.0 **Description of Vehicles Covered by Certificate**

12.1 Calibration Parts List

12.2 Transmission Description Report

12.3 Vehicle Description Report

12.4 Vehicle Index Page

Test Group - VCRXD00.0517

EPA COMP CODE	AA-1000	AA-2000
E1C:Integrated DC-DC/Charging Module (Software)		
E1V:EVCU Electric Vehicle Control Unit (Software)		
E98:Battery Pack Assembly		
L12:Accelerator Pedal Position Sensor		
L28:ABS Speed Sensor		
M10:Ambient Temperature Sensor		
Z01:VECI Label		

Section11-100 Engine Parts List

FCA US LLC

Test Group :VCRXD00.0517

Durability Group: VCRXEEVNNF02 Standard Fed: HDV2 Bin0+ Cal: ZEV

Trans. Code	Sales Code	Transfer Case Sales Code/Drive Code	No. of Gears	Over Drive Gear Ratio	Drive Gear Ratio	Engine Sales Code	Torque Code	Torque Size	Conv Clutch Control Type Calib/Special Features
A1	DCA	2F	1	10.1	10.1	ELA	N/A		Electronically shifted data on file

Section12-200 Transmission

FCA US LLC

VCRXD00.0517

Durability Group:
VCRXEEVNNF02

Standard Fed: HDV2 Bin0+ Cal: ZEV

Asterisk (*) Indicates Manufacturer has elected to certify at this higher test weight class as allowed by CFR 86.1831-01

Engine Code AA-1000

Eng Displ: BEV (ELA)

Evap Family - Evap Code:

Model	Carline Name	Model Qualifiers	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
VFLA59	RAM: ProMaster EV			A1 - FWD DCA		9350	7500 3959 7417	8500 4177 8384	10.1	121.9	LT225/75R16E TWA	TZN	CRVFA3D	17.05	30.9	61.81000	0.797200	0.051950	67.99000	0.876900	0.057140

Engine Code AA-2000

Eng Displ: BEV (ELA)

Evap Family - Evap Code:

Model	Carline Name	Model Qualifiers	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
VFLA16	RAM: ProMaster EV			A1 - FWD DCA		9350	6500 3628 6252	8000 4114 7801	10.1	120.4 121.9	225/75R16C TU5 LT225/75R16E TWA	TZN	CRVFB2B CRVFA3D	18.65 18.39	26.6 26.9	62.17000 63.09000	0.190300 0.259500	0.051030 0.050400	68.39000 69.40000	0.209300 0.285400	0.056130 0.055440
VFLA16	RAM: ProMaster EV			A1 - FWD DCA		9350	6500 3531 6332	8000 3942 7841	10.1	120.4 121.9	225/75R16C TU5 LT225/75R16E TWA	TZN	CRVFB2B CRVFA3D	18.65 18.39	26.6 26.9	62.17000 63.09000	0.190300 0.259500	0.051030 0.050400	68.39000 69.40000	0.209300 0.285400	0.056130 0.055440
VFLA17	RAM: ProMaster EV			A1 - FWD DCA		9350	6500 3669 6372	8000 4140 7861	10.1	120.4 121.9	225/75R16C TU5 LT225/75R16E TWA	TZN	CRVFB2B CRVFA3D	18.80 18.53	26.3 26.7	62.17000 63.09000	0.190300 0.259500	0.050370 0.049750	68.39000 69.40000	0.209300 0.285400	0.055410 0.054720
VFLA17	RAM: ProMaster EV			A1 - FWD DCA		9350	7000* 3568 6445	8000 3966 7898	10.1	120.4 121.9	225/75R16C TU5 LT225/75R16E TWA	TZN	CRVFB2B CRVFA3D	18.80 18.53	26.3 26.7	62.17000 63.09000	0.190300 0.259500	0.050370 0.049750	68.39000 69.40000	0.209300 0.285400	0.055410 0.054720

FCA US LLC

Test Group: VCRXD00.0517 - Engine Code Index

Durability Group:
VCRXEEVNNF02

Standard : HDV2 Bin0+ / ZEV Vehicle Class: HDV1 / M6-MDV1 (GVW 8501-10000)

Engine Code: AA-1000 - Battery Electric ELA VFLA59 DCA

Engine Code	RC/FF #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AA-1000	Original		BEV /ELA	VF		A1/ Automatic A1 Direct Drive 1-speed	9350	9350	7500	8000	FWD	NAS

Engine Code: AA-2000 - Battery Electric ELA VFLA16,17 DCA

Engine Code	RC/FF #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AA-2000	Original		BEV /ELA	VF		A1/ Automatic A1 Direct Drive 1-speed	9350	9350	6500	7000	FWD	NAS

Test Group: VCRXD00.0517 - No Engine Code Changes

Durability Group: VCRXEEVNNF02 Standard Fed: HDV2 Bin0 Cal: ZEV

RC/FF #	Submission Date	Description
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No Results Found

Section12-500 Engine Code Index

14.0

Request for Certificate



April 17, 2026

Mr. Joel Dalton
Vehicle Programs Group
Certification and Compliance Division
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Dalton:

Re: 2027 Model Year HDV Certificate of Conformity Request

FCA US LLC requests a 2027 MY Certificate of Conformity for the BEV (Battery Electric Vehicle) Tier 3 Federal and 50 State test group VCRXD00.0517. This test group is being certified to Tier 3 BIN 0 standards. FCA US LLC agrees to meet the Tier 3 BIN 0 standards, and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group VCRXD00.0517. FCA US LLC agrees that the exhaust and evaporative emission standards listed below and in the application for certification apply to both certification and in-use vehicles according to the provisions of 40 CFR, Parts 86 and 88, as applicable. This test group VCRXD00.0517 included in the medium duty GHG fleet under 40 CFR §1819-14. The FTP emission standards for this MDV/HDV test group are as follows:

Emission Standards
Federal Tier 3 BIN 0

Division / Model
RAM ProMaster EV (Delivery)
RAM ProMaster EV (Cargo)

If there are any questions regarding this submission, please contact Avinash Manivannan at 248.934.7024 or Gary J. Arvan at 248.221.9461.

Sincerely,
FCA US LLC

Gary J. Arvan, Director
Vehicle Safety & Environmental Homologation Programs
gja/acm

VCRXD00.0517 Part 1 Section 14 - 001 (2027)



April 17, 2026

Ms. Robin U. Lang, Chief
Emissions Certification and Compliance Division
Air Resources Board
4001 Iowa Ave,
Riverside, CA 92507

Dear Ms. Lang:

Re: 2027 Model Year MDV Executive Order Request

FCA US LLC requests a 2027 MY Executive Order for the BEV (Battery Electric Vehicle) 50 State test group VCRXD00.0517. This test group is being certified to ACC I ZEV standards. FCA US LLC agrees to meet the ZEV emission standards and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group VCRXD00.0517. FCA US LLC agrees that the exhaust and evaporative emission standards listed below and in the application for certification apply to both certification and in-use vehicles according to the provisions of 40 CFR, Parts 86 and 88, as applicable. This test group VCRXD00.0517 included in the medium duty GHG fleet under 40 CFR §1819-14. The FTP emission standards for this MDV/HDV test group are as follows:

Emission Standards
California ACC I ZEV

If there are any questions regarding this submission, please contact Avinash Manivannan at 248.934.7024 or Gary J. Arvan at 248.221.9461.

Sincerely,
FCA US LLC

Gary J. Arvan, Director
Vehicle Safety & Environmental Homologation Programs
gja/acm

c: J. Nguyen

VCRXD00.0517 Part 1 Section 14 - 002 (2027)

15.0	Other Information
15.1	Fee Filing Forms

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 02/05/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

CRX

Manufacturer Name *

FCA US LLC

Contact Name *

Pamela J Barylski

Contact Email Address *

pamela.barylski@stellantis.com

Contact Phone *

8102798571

Calendar Year complete application submitted
to EPA *

2026

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

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

Engine Family / Evaporative Family / Test Group *

VCRXD00.0517

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

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

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

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,317.00

Payment Type *

Offline Wire

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).

MOBILE SOURCE CERTIFICATION AND COMPLIANCE FEE PAYMENT FORM FOR ON-ROAD APPLICATIONS ONLY

CARB USE ONLY

Invoice Name	MSF250698
Invoice Date	Jan 15, 2026

COMPANY INFORMATION

Company Name	FCA US LLC
Address	800 Chrysler Drive
City	Auburn Hills
State	MI
Zip	48326
Country	United States
Contact Name	Gary Arvan
Contact Telephone Number	248-221-9461
Contact Email	gary.arvan@stellantis.com
CARB Customer Number	CCAM000028

APPLICATION INFORMATION

Payment Row Number	Product Description or File Name	Model Year/Calendar Year	Unique Application Identifier: Test Group, Engine Family, Trailer Family, Vehicle Family, ZEP Family, if applicable (ID listed in payment row must match the unique identifier given to the certification application)	Category Type	Fee Type	Amount
1	CBI_VCRXD00.0517_APPIPT	Model Year 2027	VCRXD00.0517	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
2	CBI_VCRXT02.0571_APPIPT	Model Year 2027	VCRXT02.0571	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
3	CBI_VCRXT02.0572_APPIPT1	Model Year 2027	VCRXT02.0572	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
4	CBI_VCRXV03.0574_APPIPT	Model Year 2027	VCRXV03.0574	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
5	CBI_VCRXT03.0572_APPIPT	Model Year 2027	VCRXT03.0572	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
6	CBI_VCRXT03.0573_APPIPT	Model Year 2027	VCRXT03.0573	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
7	CBI_VCRXT03.6561_APPIPT	Model Year 2027	VCRXT03.6561	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
8	CBI_VCRXT03.6543_APPIPT	Model Year 2027	VCRXT03.6543	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
9	CBI_VCRXD03.6576_APPIPT	Model Year 2027	VCRXD03.6576	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00

10	CBI_VCRXD03.6575_APPIPT	Model Year 2027	VCRXD03.6575	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
11	CBI_VCRXT05.7560_APPIPT	Model Year 2027	VCRXT05.7560	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
12	CBI_VCRXT05.7571_APPIPT	Model Year 2027	VCRXT05.7571	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
13	CBI_VCRXT06.2570_APPIPT	Model Year 2027	VCRXT06.2570	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
14	CBI_VCRXT06.2571_APPIPT	Model Year 2027	VCRXT06.2571	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
15	CBI_VCRXT06.4570_APPIPT	Model Year 2027	VCRXT06.4570	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
16	CBI_VCRXT06.4571_APPIPT	Model Year 2027	VCRXT06.4571	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
17	CBI_VCRXD06.4572_APPIPT	Model Year 2027	VCRXD06.4572	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
18	CBI_VCRXD06.4573_APPIPT	Model Year 2027	VCRXD06.4573	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
19	CBI_VCRXD06.4574_APPIPT	Model Year 2027	VCRXD06.4574	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
20	CBI_VCRXD06.4575_APPIPT	Model Year 2027	VCRXD06.4575	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
21	CBI_TCRXT03.6565_APPIPT	Model Year 2026	TCRXT03.6565	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
Total Due						\$ 1,016,895.00

I, Gary Anwar (Jan 15, 2026 11:23:45 EST) , attest that any information provided is true, accurate, and complete.
(Responsible Party Signature Here)

PAM BARYLSKI

From: noreply@salesforce.com on behalf of California Air <mscertfees@arb.ca.gov>
Sent: Friday, January 30, 2026 10:37 AM
To: PAM BARYLSKI
Subject: [EXTERNAL]MS Fee Payment Confirmation for Invoice MSF250698
Attachments: MSF250698 - signed.pdf

EXTERNAL: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Gary Arvan

Attached is documentation for your MS Fee payment for Invoice Name MSF250698. Please include a copy of this invoice and email with each application that is listed when submitting your application to the applicable MS Fee program.

1. Payment ID – 25RA0274
2. Date of Payment – 1/29/2026
3. Payment Status - Paid



16.0	Test Results
16.1	EPA Certification SummaryInformation (CSI)Report

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: FCA

As used by EPA laboratory

Carline: RAM ProMaster EV

Model Year 2024

D.Good March 8, 2016

Vehicle 4L4VFL2544

Test Number 574156947

Comments: MCT Test

Lab CPG

Test Date 8/11/2023

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwgt	Kwgt	Recharge AC WattHrs
UDDS1	3815	7.47	510.71	127.68	19.94	108900
UDDS2	3295	7.46	441.69	110.42	141.48	
UDDS3	3017	7.46	404.42	101.11	129.55	
UDDS4	3031	7.46	406.30	101.58	130.15	
HWY1	5537	10.26	539.67	269.83		
HWY2	5297	10.26	516.28	258.14		
SS1	66843	96.24				
SS2	6900	9.58				
TOTAL	97735.00	156.190				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.039	0.320	0.320	0.320	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	221.73	491.13			
UDDSw	232.09	469.22	71.8324	46.9217	46.92170
HWY	185.11	588.29	57.2935	58.8287	58.82870

Note:

1. Fill in yellow shaded areas to compute range and AC wh/mi results
2. Weighted results based on SAE J1634 calculations
3. Final values in green shaded area should be rounded to appropriate significant digits

Certification Summary Information Report

Manufacturer	FCA US LLC	Manufacturer Code	CRX
Test Group	VCRXD00.0517	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	04/16/2026 12:59:50 PM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	No

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
Fuel Cell Indicator	No	EPA Vehicle Class	M6, MDV2B, HDV1
Federal Clean Fuel Vehicle	Yes	Federal Clean Fuel Vehicle Standard	ZEV
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	VCRXEEVNNF02	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	Yes		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VCRXD00.0517
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	BEV - No OBD Requirements		
Mfr Test Group Comments	--		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VCRXD00.0517		Evaporative/Refueling Family		--					
Models Covered by this Certificate										
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears				
FCA US LLC	12 - RAM	995 - ProMaster EV	Federal	2-Wheel Drive, Front	Other	1				
FCA US LLC	12 - RAM	995 - ProMaster EV	California + CAA Section 177 states	2-Wheel Drive, Front	Other	1				
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	--	--	--	--	--	--	--	--	--	1.0
Official Charge Depleting Test Numbers										
Test Group Fuel		UDDS			Highway					
Electricity		--			--					

Certification Summary Information Report

Test Group	VCRXD00.0517	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargable Energy Storage System	Battery(s)	Rechargable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	331	Battery Energy Capacity	167
Battery Specific Energy	168	Battery Charger Type	On-Board
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Front Wheels	Driver Controlled Regenerative Braking	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	DC Permanent Magnet, brushless	Rated Motor/Generator Power	205
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

Certification Summary Information Report

Test Group	VCRXD00.0517	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	L4VFL2544 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	RCRXD00.05V5	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2024		

Vehicle Model

Represented Test Vehicle Make	RAM	Represented Test Vehicle Model	ProMaster EV
--------------------------------------	-----	---------------------------------------	--------------

Leak Family Details

Leak Family Identifier	--	Leak Family Name	--
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Drive Sources and Fuel System Details

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

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	Battery(s)		
Off-board charge Capable Indicator	Yes		
Odometer Correction -- Initial	0	Odometer Correction Factor	1
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	AA-1000	Rated Horsepower	275
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	0	Air Aspiration Device Configuration	--
Charge Air Cooler Type	--	Drive Mode While Testing	2-Wheel Drive, Front
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	8459	Equivalent Test Weight (pounds)	8500
GVWR (lbs)	9350	N/V Ratio	121.9
Axle Ratio	9.99		
Transmission Type	Direct Drive	# of Transmission Gears	1
Transmission Lockup	No	Creep Gear	No

Dynamometer Coefficients:

Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	61.81	0.7972	0.05195	18.46	0.5882	0.05192	30.9
US06	61.81	0.7972	0.05195	18.46	0.5882	0.05192	N/A

Page 5 of 14 CSI Submission/Revision Date: 04/16/2026 12:59:50 PM

Certification Summary Information Report

Test Group	VCRXD00.0517	Evaporative/Refueling Family	--
Test #	RCRX10086287	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/11/2023	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Assigned
Verify Test Lab ID	CPG		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2397	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	241	Recharge Event Energy (kiloWatt-hours)	108.9
Charge Depleting Range (Calculated miles)	232.139	Charge Depleting Range (Actual miles)	232.139
Charge Depleting Range Highway (Calculated miles)	185.112	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	232.139
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)		7.47	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.604	
Drive Trace Energy Economy Rating		0.02	
Drive Trace Inertia Work Ratio Rating		0.597	
Integrated DC KW-HRS		3.815	
Manufacturer Fuel Economy		51.071	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VCRXD00.0517	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.26</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>5.834</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.143</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>7.415</td></tr><tr><td>Integrated DC KW-HRS</td><td>5.297</td></tr><tr><td>Manufacturer Fuel Economy</td><td>51.628</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.26	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	5.834	Drive Trace Energy Economy Rating	0.143	Drive Trace Inertia Work Ratio Rating	7.415	Integrated DC KW-HRS	5.297	Manufacturer Fuel Economy	51.628		
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Drive Trace Energy Economy Rating	0.143																		
Drive Trace Inertia Work Ratio Rating	7.415																		
Integrated DC KW-HRS	5.297																		
Manufacturer Fuel Economy	51.628																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.46</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.302</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.79</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.6</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.031</td></tr><tr><td>Manufacturer Fuel Economy</td><td>40.63</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.46	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.302	Drive Trace Energy Economy Rating	0.79	Drive Trace Inertia Work Ratio Rating	1.6	Integrated DC KW-HRS	3.031	Manufacturer Fuel Economy	40.63		
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Drive Trace Inertia Work Ratio Rating	1.6																		
Integrated DC KW-HRS	3.031																		
Manufacturer Fuel Economy	40.63																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>9.58</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-28.615</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-3.516</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-6.408</td></tr><tr><td>Integrated DC KW-HRS</td><td>6.9</td></tr><tr><td>Manufacturer Fuel Economy</td><td>72.025</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	9.58	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-28.615	Drive Trace Energy Economy Rating	-3.516	Drive Trace Inertia Work Ratio Rating	-6.408	Integrated DC KW-HRS	6.9	Manufacturer Fuel Economy	72.025		
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Drive Trace Absolute Speed Change Rating	-28.615																		
Drive Trace Energy Economy Rating	-3.516																		
Drive Trace Inertia Work Ratio Rating	-6.408																		
Integrated DC KW-HRS	6.9																		
Manufacturer Fuel Economy	72.025																		
Manufacturer Test Comments		MCT: DC energy consumption UDDS1 = 510.7 Wh/mi; HWFE1 = 539.7 Wh/mi; UDDS2 = 441.7 Wh/mi; UDDS3 = 404.4 Wh/mi; HWFE2 = 516.3 Wh/mi; UDDS4 = 406.3 Wh/mi; UDDS weighted = 421 Wh/mi; UDDS1 DC discharge energy = 3815 Wh; HWFE average = 528 Wh/mi; MCT UBE = 97,734 Wh																	
Fuel Properties																			

Certification Summary Information Report

Test Group		VCRXD00.0517			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDV2b (MY2027+ Federal HD Class 2b GVWR 8501-10000)			Standard Level			Federal Tier 3 Bin 0	
Fuel		Electricity			Test Procedure			Multi-Cycle Test (MCT)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0	0	1	0	0
150,000 miles	CO2	--	--	--	0	0	1	0	0
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDV2b (MY2027+ Federal HD Class 2b 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	1	0	0
150,000 miles	CO2	--	--	--	0	0	1	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDV6 (Cal. LEV 2/3/4 MDV GVW 8501-10000)			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			Multi-Cycle Test (MCT)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0	0	1	0	0
150,000 miles	CO2	--	--	--	0	0	1	0	0

Certification Summary Information Report

Test Group		VCRXD00.0517			Evaporative/Refueling Family			--		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		MDV6 (Cal. LEV 2/3/4 MDV GVW 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	1	0	0
150,000 miles		CO2	--	--	--	0	0	1	0	0

Certification Summary Information Report

Test Group		VCRXD00.0517	Evaporative/Refueling Family		--
Glossary					
Useful Life					
4	4,000 miles		120	120,000 miles	
50	50,000 miles		150	150,000 miles	
100	100,000 miles				
Emission Name					
HC-TOTAL	Total Hydrocarbon		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
CO	Carbon Monoxide		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
CO2	Carbon dioxide		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
CREE	Carbon-Related Exhaust Emissions		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
NOX	Nitrogen Oxide		LEAK-DIA	Effective Leak Diameter (inches)	
PM	Particulate Matter		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
PM-COMP	SFTP Composite Particulate Matter		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
HC-NM	Non-methane Hydrocarbon		KW-HRS	Integrated DC KW-HRS	
OMHCE	Organic material Hydrocarbon Equivalent		CH4 BAG 1	Bag 1 Methane	
OMNMHCE	Organic material non-methane HC equivalent		CH4 BAG 2	Bag 2 Methane	
NMOG	Non-methane organic gases		CH4 BAG 3	Bag 3 Methane	
HCHO	Formaldehyde		CH4 BAG 4	Bag 4 Methane	
H3C2HO	Acetaldehyde		CO BAG 1	Bag 1 Carbon Monoxide	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		CO BAG 2	Bag 2 Carbon Monoxide	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		CO BAG 3	Bag 3 Carbon Monoxide	
CO-COMP	SFTP Composite Carbon Monoxide		CO BAG 4	Bag 4 Carbon Monoxide	
ETHANOL	C2H5OH - Ethanol		NMOG BAG 1	Bag 1 Non-methane organic gases	
FE BAG 1	Bag 1 Fuel Economy		NMOG BAG 2	Bag 2 Non-methane organic gases	
FE BAG 2	Bag 2 Fuel Economy		NMOG BAG 3	Bag 3 Non-methane organic gases	
FE BAG 3	Bag 3 Fuel Economy		NMOG BAG 4	Bag 4 Non-methane organic gases	
FE BAG 4	Bag 4 Fuel Economy		ACT-DISTANCE BAG 1	Bag 1 Actual Distance	
MFR FE	Manufacturer Fuel Economy		ACT-DISTANCE BAG 2	Bag 2 Actual Distance	
HC	Hydrocarbon for Running Loss and ORVR		ACT-DISTANCE BAG 3	Bag 3 Actual Distance	
METHANE	CH4 - Methane		ACT-DISTANCE BAG 4	Bag 4 Actual Distance	
METHANOL	CH3OH - Methanol		HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon	
N2O	Nitrous Oxide		HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon	
SPITBACK	Spitback Hydrocarbon in grams		HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon	
AMP-HRS	Integrated Amp-hours		HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon	
START-SOC	System Start State of Charge Watt-hours		WATT-HRS BAG 1	Bag 1 Watt Hours	
END-SOC	System End State of Charge Watt-hours		WATT-HRS BAG 2	Bag 2 Watt Hours	

Certification Summary Information Report

Test Group		VCRXD00.0517	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group		VCRXD00.0517	Evaporative/Refueling Family		--
L2ULEV340	California LEV-II ULEV340		L4SULEV85	California LEV-IV SULEV85	
L2LEV630	California LEV-II LEV630		L4ULEV125	California LEV-IV ULEV125	
L2ULEV570	California LEV-II ULEV570		L4ULEV200	California LEV-IV ULEV200	
L3LEV160	California LEV-III LEV160		L4ULEV250	California LEV-IV ULEV250	
L3ULEV125	California LEV-III ULEV125		L4ULEV270	California LEV-IV ULEV270	
L3ULEV70	California LEV-III ULEV70		L4ULEV40	California LEV-IV ULEV40	
L3ULEV50	California LEV-III ULEV50		L4ULEV400	California LEV-IV ULEV400	
L3SULEV30	California LEV-III SULEV30		L4ULEV50	California LEV-IV ULEV50	
L3SULEV20	California LEV-III SULEV20		L4ULEV60	California LEV-IV ULEV60	
L3LEV395	California LEV-III LEV395		L4ULEV70	California LEV-IV ULEV70	
L3ULEV340	California LEV-III ULEV340		T4B170	Federal Tier 4 MDV Bin 170	
L3ULEV250	California LEV-III ULEV250		T4B150	Federal Tier 4 MDV Bin 150	
L3ULEV200	California LEV-III ULEV200		T4B125	Federal Tier 4 MDV Bin 125	
L3SULEV170	California LEV-III SULEV170		T4B100	Federal Tier 4 MDV Bin 100	
L3SULEV150	California LEV-III SULEV150		T4B85	Federal Tier 4 MDV Bin 85	
L3LEV630	California LEV-III LEV630		T4B75	Federal Tier 4 MDV Bin 75	
L3ULEV570	California LEV-III ULEV570		T4B70	Federal Tier 4 Bin 70	
L3ULEV400	California LEV-III ULEV400		T4B65	Federal Tier 4 Bin 65	
L3ULEV270	California LEV-III ULEV270		T4B60	Federal Tier 4 Bin 60	
L3SULEV230	California LEV-III SULEV230		T4B55	Federal Tier 4 Bin 55	
L3SULEV200	California LEV-III SULEV200		T4B50	Federal Tier 4 Bin 50	
T3B160	Federal Tier 3 Bin 160		T4B45	Federal Tier 4 Bin 45	
T3B125	Federal Tier 3 Bin 125		T4B40	Federal Tier 4 Bin 40	
T3B110	Federal Tier 3 Transitional Bin 110		T4B35	Federal Tier 4 Bin 35	
T3B85	Federal Tier 3 Transitional Bin 85		T4B30	Federal Tier 4 Bin 30	
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover		T4B25	Federal Tier 4 Bin 25	
T3B70	Federal Tier 3 Bin 70		T4B20	Federal Tier 4 Bin 20	
T3B50	Federal Tier 3 Bin 50		T4B15	Federal Tier 4 Bin 15	
T3B30	Federal Tier 3 Bin 30		T4B10	Federal Tier 4 Bin 10	
T3B20	Federal Tier 3 Bin 20		T4B5	Federal Tier 4 Bin 5	
T3B0	Federal Tier 3 Bin 0		T4B0	Federal Tier 4 Bin 0	
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		

Certification Summary Information Report

Test Group		VCRXD00.0517	Evaporative/Refueling Family		--
F	2-Wheel Drive, Front		A	All Wheel Drive	
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter		ICI	Independent Commercial Importer	
CSI	Certificate Summary Information		ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor		SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative		Trans	Transmission	

FCA US LLC

Test Vehicle No: L4VFL2544

VIN: 3C6MRWAZ1RE100045

Date	Time	Test Number	Cert Disp	Start Odometer	Test Weight	Test Site
08/10/2023	0846	574156941	No Disposition	2196	8500	Chelsea PG

Comment:

Description: 81 - Charge Depleting UDDS-city : 1 : MY24 VF BEV 24DA-D00.05V5-1 MCT test w/ issue #4 CDreport : 24DA-D00.05V5-1

PM:

Date	Time	Test Number	Cert Disp	Start Odometer	Test Weight	Test Site
08/11/2023	0820	574156947	Pass	2397	8500	Chelsea PG

Comment: City Range: 232.139 mi

Description: 81 - Charge Depleting UDDS-city : 1 : 24DA-D00.05V5-1 MCT UDDS VF BEV @ALVW 4k : 24DA-D00.05V5-1

PM:

Date	Time	Test Number	Cert Disp	Start Odometer	Test Weight	Test Site
08/11/2023	0821		Pass	2397	8500	Chelsea PG

Comment: Hwy Range: 185.112 mi

Description: 84 - Charge Depleting Highway : 1 : 24DA-D00.05V5-1 MCT Hwy VF BEV @ALVW 4k : 24DA-D00.05V5-1

PM:

17.0 **California Requirements:**

17.1 **Statement of Compliance**

This vehicle conforms to US EPA Tier 3 BIN 0 vehicle regulations applicable to 2027 model year new motor vehicles and to California regulations applicable to 2027 model year new ACC I ZEV medium-duty vehicles.

17.1.1 **General Statement:**

This vehicle in regard to the vehicle control systems and all related parameters, the production vehicles will be identical to the test vehicles which are used for certification testing.

17.1.2 **Drivability Statement:**

The 2027 model year RAM ProMaster EV Electric vehicle meets the typical drivability requirements that the United States market expects, including acceleration rates, braking performance and stability performance. This vehicle also meets all applicable FMVSS standards.

17.2 **Supplemental Data and Certification Review Sheets**

17.3 **Reserved.**

17.4 **ZEV Compliance**

17.4.1 **Description of multi-manufacturer arrangements**

Not Applicable

17.4.2 **ZEV Value Calculation**

Not Applicable

17.5 **Vehicle Safety**

17.5.1 **All Information for Safe Operation of Vehicle**

Details on how to operate the vehicle can be found in the owner's manual.

The vehicle is started and driven in the same manner as a conventional internal combustion engine vehicle.

17.5.2 **Information on Safe Handling of Battery System**

All replacement or repairs of the System components, including the battery, should be performed by a factory-trained technician at an FCA US LLC authorized dealership. Please refer to owner's manual for details.

17.5.3 **Description of Emergency Procedures**

Emergency procedures are described in Owner's manual. Please refer to owner's manual for details.

17.6 **(Reserved)**