



Application for Certification
Part 1

2026 ModelYear

Durability Group: TCRXHHGNNF06
Evaporative Familie(s): TCRXR0183RR0, TCRXR0225RR0

Test Group: TCRXT03.6565

Four Stroke, Otto Cycle, Gasoline Fueled, Ported FI

Ceramic Monolith Pt, Pd, Rh Close Coupled Catalyst

3.6 Liter V-6

LDT4

Applicable Standards:
50 State - Tier 3 BIN 50 /

Vehicles Covered:

RAM 1500, 4X4

Vehicle(s) Run:

VID 1 config., Vehicle ID V5DT67380 (Exh.)

VID 2 config., Vehicle ID V7DS61972 (Evap)

VID 3 config., Vehicle ID V7DS61975 (Evap)

For Questions, Darnell Jones 248.512.3923 Gary J. Arvan 248.221.9461
All testing completed – Unconditional Cert request



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Section 1 Correspondence and Communication

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

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<u>Title</u>	Director	Certification Engineer
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For a complete listing of all Correspondence and Communication Information for FCA US LLC, please see:
"Common Section Book - Section 1 Correspondence and Communication"



Section 2 Durability Group Description

Durability Group Name: TCRXHHGNNF06

For a complete description of the Durability Group Description please see:
"Common Section Book - Section 2. Durability Group Description"



Section 4 Durability Procedure Description

Durability Group: TCRXHHGNNF06

Durability Provision Statement:

Based on FCA US LLC 's good engineering judgement, all the vehicles described in this Application for Certification comply with all applicable intermediate and full useful life standards.

For a complete description of the Durability Procedure please see:
"Common Section Book - Section 16. Durability Procedure Description "

Indicate if aged components were used.	Aged Components were used.
Indicate whether additive or multiplicative DF's were used.	N/A
List all DF's calculated at both full and intermediate useful life	EPA - Reference VERIFY (hard copies of all VERIFY Reports retained in-house)
And applicable standards (test results and vehicle description).	CARB - Reference Cert Review Sheet

Evaporative/Refueling Family: TCR XR0183RR0
 TCR XR0225RR0

For a complete description of the Durability Procedure please see:
"Common Section Book - Section 16. Durability Procedure Description "

Indicate if aged components were used.	Yes - Bench Aging
Indicate whether additive or multiplicative DF's were used.	Additive
List all DF's calculated at both full and intermediate useful life	EPA - Reference VERIFY (hard copies of all VERIFY Reports retained in-house)
And applicable standards (test results and vehicle description).	CARB - Reference Cert Review Sheet



Section 5 Test Group Description

Test Group Name:	TCRXT03.6565
Engine displacements covered:	3.6L
Arrangement and number of cylinders:	V-6
Vehicle class(es) covered:	LDT4
Emission standards class:	BIN 50/
AB71 Qualified Vehicles:	No

Certification Summary Information Report

Manufacturer	FCA US LLC	Manufacturer Code	CRX
Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	03/04/2026 11:50:10 AM
Model Year	2026		

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
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
Drive Source #2:	Combustion Engine		
	Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
	Gasoline	Multipoint/sequential fuel injection	No
Hybrid Indicator	Yes		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	No
Fuel Cell Indicator	No	EPA Vehicle Class	LDT4
Federal Clean Fuel Vehicle	Yes	Federal Clean Fuel Vehicle Standard	LEV
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	TCRXHHGNNF06	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TCRXT03.6565
Test Group OBD Compliance Level	Partial - with deficiencies and penalty	Number of Test Group OBD Deficiencies	6
OBD Deficiencies Comments	Transmission Malfunction Lack of MIL Illumination and Fault Code Storage, AAD Recent Operation Counter Clearing Deficiency, Misfire Detection, EVAP Purge Flow Monitor IUMPR, EVAP Leak Detection Monitor IUMPR, IPC Loss of Communication MIL Illumination		
Mfr Test Group Comments	T3BIN50 E10 - City Litmus Value: 16.3; City Litmus Threshold: 16.0; Hwy Litmus Value: 17.4; Hwy Litmus Threshold: 18.9		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	New	Submission/Correction Date	05/30/2025 09:13:21 AM				
Integrated ORVR?	Yes	Fuel(s)	Gasoline				
Multiple Fuel Storage	--						
Bladder Fuel Tank?	No						
Fuel Tank Material	Plastic	Fuel Tank Material Description	hdpe/co-ex				
Fill Pipe Seal Type	Liquid seal						
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	--				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	--				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	183	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	0				
Mfr Evaporative/Refueling Family Comments	--						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	Yes	Applicability of Evaporative Canister Bleed Test	50 State				
Evaporative Canister Bleed Test Comments	--						
CARB Fuel Only (Rig) Test Indicator	No	Applicability of CARB Fuel Only (Rig) Test	--				
CARB Fuel Only (Rig) Test Comments	--						
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description				
TCRXR0183RR0-LF1	50 State	0.02	--				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
FCA US LLC	12 - RAM	928 - 1500 Warlock 4x4	California + CAA Section 177 states	4-Wheel Drive	Automatic	8	Yes
FCA US LLC	12 - RAM	928 - 1500 Warlock 4x4	Federal	4-Wheel Drive	Automatic	8	Yes
Engine Description							
Hybrid Type	IC Engine/Electric Motor	Hybrid Description	--				
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--				
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description	--				
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	SAE 0W-20				
Number of Cylinders/Rotors	6	Mechanically Variable Compression Ratio Indicator	N				

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
After Treatment Device(s) (ATD)			
ATD Number	ATD Type	ATD Precious Metal	Substrate Material
1	Three-way catalyst	Platinum + Palladium + Rhodium	Ceramic
2	Three-way catalyst	Platinum + Rhodium	Ceramic
Mfr After Treatment Device (ATD) Comments	THREE WAY CATALYST		
Direct Ozone Reduction (DOR) Device	Not Equipped		
Mfr Emission Control Device Comments	--		
Engine Configuration Number 1			
Engine Displacement (liters)	3.6	Engine Rated Horsepower	305
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2
Air Aspiration Method	Naturally Aspirated	Number of Air Aspiration Devices	0
Air Aspiration Device Configuration	--	Charge Air Cooler Type	N/A
Air Aspiration Drive Method(s)	--		
Cylinder Deactivation	No		
Cylinder Deactivation Description	--		
Variable Valve Timing	Yes		
Variable Valve Timing System Description	Cam Phaser		
Variable Valve Lift?	No		
Variable Valve Lift System Description	--		
Number of Knock Sensors	2	Number of Air/Fuel Sensors	4
Air/Fuel Sensor # 1 Type	Heated oxygen	Air/Fuel Sensor # 1 Description	--
Air/Fuel Sensor # 2 Type	Heated oxygen	Air/Fuel Sensor # 2 Description	--
Air/Fuel Sensor # 3 Type	Heated oxygen	Air/Fuel Sensor # 3 Description	--
Air/Fuel Sensor # 4 Type	Heated oxygen	Air/Fuel Sensor # 4 Description	--
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	Yes	Cooled Exhaust Gas Recirculation	Yes
EGR Type	Electronic/Electric	Exhaust Gas Recirculation Description if 'Other'	--
Closed Loop Air Injection System	No		
Air Injection Type	Not Applicable	Air Injection Type if 'Other'	--
Mfr Engine Configuration Comments	--		

Certification Summary Information Report

Test Group		TCRXT03.6565				Evaporative/Refueling Family			TCRXR0183RR0		
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	
Gasoline	TCRX10093348	TCRX10093350	TCRX10093351	TCRX10093347	TCRX10093349	16.3	16.1	17.5	19.0	1.0	
Electricity	--	--	--	--	--	--	--	--	--	--	
SFTP LEV-III Official Test Numbers											
Test Group Fuel		FTP		US06		SC03					
Gasoline		TCRX10093348		TCRX10093350		TCRX10093351					
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	48			Battery Energy Capacity			9.80				
Battery Specific Energy	42.0			Battery Charger Type			On-Board				
Number of Capacitors	--			Capacitor Rating (In Farads)			--				
Mfr Capacitor Comments	--										
Hydraulic System Description	--										
Regenerative Braking Type	Electrical Regen Brake			Driver Controlled Regenerative Braking			No				
Regenerative Braking Source	Both										
Mfr Regenerative Braking Description	--										
Drive Motor(s)/Generator(s)	1			Rated Motor/Generator Power			11				
Motor/Generator Type 1	AC Induction										
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		TCRXT03.6565			Evaporative/Refueling Family			TCR XR0183RR0
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	52.58	0.3747	0.03789	19.19	0.4039	0.0344	22.1	
Cold CO	57.84	0.4122	0.04168	9.44	0.3924	0.03736	N/A	
US06	52.58	0.3747	0.03789	19.19	0.4039	0.0344	N/A	
Emission Control Device Comments	--							
Manufacturer Test Vehicle Comments	callout: 26DA-T03.6565-1							

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Test #	TCRX10093347	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	01/30/2026	Fuel	Gasoline
Fuel Batch ID	11466	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5503	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
Test Results			

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	11.052	--	
ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.6	--	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	585.16	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	2.481892	--	
FE BAG 1 (Bag 1 Fuel Economy)	14.66	14.66	
CH4 BAG 1 (Bag 1 Methane)	0.054882	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.700917	--	
WATT-HRS BAG 1 (Bag 1 Watt Hours)	18.92	--	
ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.863	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	441.96	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.016329	--	
FE BAG 2 (Bag 2 Fuel Economy)	19.59	19.59	
CH4 BAG 2 (Bag 2 Methane)	0.005029	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.000785	--	
WATT-HRS BAG 2 (Bag 2 Watt Hours)	2.0768	--	
ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.589	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	416	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.120365	--	
FE BAG 3 (Bag 3 Fuel Economy)	20.82	20.82	
CH4 BAG 3 (Bag 3 Methane)	0.006923	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.005197	--	
WATT-HRS BAG 3 (Bag 3 Watt Hours)	-47.3	--	
METHANE (CH4 - Methane)	0.01589	--	
CO (Carbon Monoxide)	0.556326	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.875	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.747	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.226	--	
MFR FE (Manufacturer Fuel Economy)	18.6	18.6	
NOX (Nitrogen Oxide)	0.019371	--	
HC-NM (Non-methane Hydrocarbon)	0.1338	--	
NMOG (Non-methane organic gases)	0.1472	--	

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
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WATT-HRS (Watt Hours)	-26.444	--
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Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	466	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	464.535499	--

Manufacturer Test Comments 26DA-T03.6565-1 city 150k Auto BSG WLTP CCO; NECFR = -0.127%; Corrected CO2/FE for NEC

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	50,000 miles	Federal Tier 3 Bin 50	CO	0.56	--	--	--	0	1	0.6	12.5	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	HC-NM	0.13	--	--	--	0	1	0.1	0.4	Pass
CA	50,000 miles	Other	CO	0.56	--	--	--	0	1	0.6	12.5	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
Test #	TCRX10093348	Test Procedure	25 - California fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/03/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5529	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
Test Results			

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	14.943	--	
ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.607	--	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	437.322792	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.958724	--	
FE BAG 1 (Bag 1 Fuel Economy)	19.88	19.88	
CH4 BAG 1 (Bag 1 Methane)	0.015507	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.049919	--	
WATT-HRS BAG 1 (Bag 1 Watt Hours)	-29.9376	--	
ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.875	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	437.322792	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.25132	--	
FE BAG 2 (Bag 2 Fuel Economy)	19.88	19.88	
CH4 BAG 2 (Bag 2 Methane)	0.005482	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--	
WATT-HRS BAG 2 (Bag 2 Watt Hours)	26.9412	--	
ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.594	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	405.997905	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.489217	--	
FE BAG 3 (Bag 3 Fuel Economy)	21.45	21.45	
CH4 BAG 3 (Bag 3 Methane)	0.00979	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.011189	--	
WATT-HRS BAG 3 (Bag 3 Watt Hours)	-49.94	--	
ACT-DISTANCE BAG 4 (Bag 4 Actual Distance)	3.866	--	
CO2 BAG 4 (Bag 4 Carbon Dioxide)	405.997905	--	
CO BAG 4 (Bag 4 Carbon Monoxide)	0.047613	--	
FE BAG 4 (Bag 4 Fuel Economy)	21.45	21.45	
CH4 BAG 4 (Bag 4 Methane)	0.004607	--	
NMOG BAG 4 (Bag 4 Non-methane organic gases)	0	--	
WATT-HRS BAG 4 (Bag 4 Watt Hours)	19.7824	--	
METHANE (CH4 - Methane)	0.008485	--	
CO (Carbon Monoxide)	0.403116	--	

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.737	--	
DT-EER (Drive Trace Energy Economy Rating)	-1.14	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.302	--	
MFR FE (Manufacturer Fuel Economy)	20.7	20.7	
NOX (Nitrogen Oxide)	0.009013	--	
N2O (Nitrous Oxide)	0.000406	--	
HC-NM (Non-methane Hydrocarbon)	0.012192	--	
NMOG (Non-methane organic gases)	0.01342	--	
PM (Particulate Matter)	0.00028	--	
HC-TOTAL (Total Hydrocarbon)	0.02	--	
WATT-HRS (Watt Hours)	-33.1188	--	
Test Result Name			
Unrounded Test Result		Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	420	420	
Test Result Name			
Unrounded Test Result		Verify Calculated CO2	
Carbon dioxide	419.467606	--	
Manufacturer Test Comments	26DA-T03.6565-1 city 150k Auto BSG WLTP cE10; NECFR=-0.135%; Corrected CO2/FE for NEC; Bag1=Bag2=UDDS1, Bag3=Bag4=UDDS2;		

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family					TCR XR0183RR0		
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 50	CO	0.40	--	--	--	0	1	0.4	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO-COMP	1.22	--	--	--	0	1	1.2	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CREE	420	--	--	--	0	1	420	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	METHANE	0.0085	--	--	--	0	1	0.008	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	N2O	0.0004	--	--	--	0	1	0.000	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0134	--	--	--	0	1	0.013	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0224	--	--	--	--	--	0.022	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX-COMP	0.0128	--	--	--	0	1	0.013	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0090	--	--	--	0	1	0.009	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0003	--	--	--	0	1	0.000	0.003	Pass
CA	150,000 miles	Other	CO	0.40	--	--	--	0	1	0.4	1.7	Pass
CA	150,000 miles	Other	CO-COMP	1.22	--	--	--	0	1	1.2	4.2	Pass
CA	150,000 miles	Other	METHANE	0.0085	--	--	--	0	1	0.008	0.030	Pass
CA	150,000 miles	Other	N2O	0.0004	--	--	--	0	1	0.000	0.010	Pass
CA	150,000 miles	Other	NMOG	0.0134	--	--	--	0	1	0.013	999.999	Pass
CA	150,000 miles	Other	NMOG+NOX	0.0224	--	--	--	--	--	0.022	0.050	Pass
CA	150,000 miles	Other	NMOG+NOX-COMP	0.0128	--	--	--	0	1	0.013	0.030	Pass
CA	150,000 miles	Other	NOX	0.0090	--	--	--	0	1	0.009	999.999	Pass
CA	150,000 miles	Other	PM	0.0003	--	--	--	0	1	0.000	0.001	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Test #	TCRX10093349	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/03/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5544	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

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	10.265	--
METHANE (CH4 - Methane)	0.003764	--
CO (Carbon Monoxide)	0.272193	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-5.342	--
DT-EER (Drive Trace Energy Economy Rating)	-0.561	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-6.381	--
MFR FE (Manufacturer Fuel Economy)	27.5	27.5
NOX (Nitrogen Oxide)	0.001615	--
HC-NM (Non-methane Hydrocarbon)	0.003291	--
NMOG (Non-methane organic gases)	0.003391	--
HC-TOTAL (Total Hydrocarbon)	0.006917	--
WATT-HRS (Watt Hours)	-4.6508	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	317	317

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	316.641274	--

Manufacturer Test Comments

26DA-T03.6565-1 hwy 150k Auto BSG WLTP cE10; NECFR=-0.037%; Corrected CO2/FE for NEC

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family					TCR XR0183RR0		
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 50	CREE	317	--	--	--	0	1	317	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0034	--	--	--	0	1	0.003	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0050	--	--	--	--	--	0.005	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0016	--	--	--	0	1	0.002	999.999	Pass
CA	150,000 miles	Other	NMOG	0.0034	--	--	--	0	1	0.003	999.999	Pass
CA	150,000 miles	Other	NMOG+NOX	0.0050	--	--	--	--	--	0.005	0.050	Pass
CA	150,000 miles	Other	NOX	0.0016	--	--	--	0	1	0.002	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
Test #	TCRX10093350	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/04/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5592	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
Test Results			

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	ACT-DISTANCE (Actual Distance Driven (miles))	8.022	--
	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	1.789	--
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	710.122719	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	5.106165	--
	FE BAG 1 (Bag 1 Fuel Economy)	12.14	12.14
	CH4 BAG 1 (Bag 1 Methane)	0.015524	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.006168	--
	WATT-HRS BAG 1 (Bag 1 Watt Hours)	-21.59388	--
	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	6.234	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	469.783229	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	2.808218	--
	FE BAG 2 (Bag 2 Fuel Economy)	18.39	18.39
	CH4 BAG 2 (Bag 2 Methane)	0.006437	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.004539	--
	WATT-HRS BAG 2 (Bag 2 Watt Hours)	5.89732	--
	METHANE (CH4 - Methane)	0.008463	--
	CO (Carbon Monoxide)	3.320554	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-2.052	--
	DT-EER (Drive Trace Energy Economy Rating)	-1.212	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-3.587	--
	MFR FE (Manufacturer Fuel Economy)	16.5	16.5
	NOX (Nitrogen Oxide)	0.006111	--
	HC-NM (Non-methane Hydrocarbon)	0.004758	--
	NMOG (Non-methane organic gases)	0.004902	--
	PM (Particulate Matter)	0.001125	--
	HC-TOTAL (Total Hydrocarbon)	0.012913	--
	WATT-HRS (Watt Hours)	-12.408	--
	Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
	Carbon-Related Exhaust Emissions	529	--

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
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Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	523.658747	--

Manufacturer Test Comments 26DA-T03.6565-1 us06 rerun 150k Auto BSG WLTP cE10; NECFR=-0.075%; Corrected CO2/FE for NEC

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 50	CO	3.32	--	--	--	0	1	3.3	999.9	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0049	--	--	--	0	1	0.005	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0061	--	--	--	0	1	0.006	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0011	--	--	--	0	1	0.001	0.006	Pass
CA	150,000 miles	Other	CO	3.32	--	--	--	0	1	3.3	999.9	Pass
CA	150,000 miles	Other	NMOG	0.0049	--	--	--	0	1	0.005	999.999	Pass
CA	150,000 miles	Other	NOX	0.0061	--	--	--	0	1	0.006	999.999	Pass
CA	150,000 miles	Other	PM	0.0011	--	--	--	0	1	0.001	0.006	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
Test #	TCRX10093351	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/04/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5608	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

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	3.591	--
METHANE (CH4 - Methane)	0.004675	--
CO (Carbon Monoxide)	0.41213	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.1656	--
DT-EER (Drive Trace Energy Economy Rating)	0.0027	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.6664	--
MFR FE (Manufacturer Fuel Economy)	16.1	16.1
NOX (Nitrogen Oxide)	0.004616	--
HC-NM (Non-methane Hydrocarbon)	0.000449	--
NMOG (Non-methane organic gases)	0.000462	--
HC-TOTAL (Total Hydrocarbon)	0.004954	--
WATT-HRS (Watt Hours)	6.556	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	541	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	540.201736	--

Manufacturer Test Comments

26DA-T03.6565-1 sc03 rerun 150k Auto BSG WLTP cE10; NECFR=0.088%; Corrected CO2/FE for NEC

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family					TCR XR0183RR0		
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 50	CO	0.41	--	--	--	0	1	0.4	999.9	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0005	--	--	--	0	1	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0046	--	--	--	0	1	0.005	999.999	Pass
CA	150,000 miles	Other	CO	0.41	--	--	--	0	1	0.4	999.9	Pass
CA	150,000 miles	Other	NMOG	0.0005	--	--	--	0	1	0.000	999.999	Pass
CA	150,000 miles	Other	NOX	0.0046	--	--	--	0	1	0.005	999.999	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565		Evaporative/Refueling Family	TCRXR0183RR0							
Emission Data Vehicle Information											
Vehicle ID / Configuration	V7DS61975 / 0		Manufacturer Vehicle Configuration Number	0							
Original Test Group Name	JCRXT03.65PB		Original Evaporative/Refueling Family	JCRXR0183RPA							
Original Test Vehicle Model Year	2018										
Vehicle Model											
Represented Test Vehicle Make	RAM		Represented Test Vehicle Model	1500 4X4							
Leak Family Details											
Leak Family Identifier	--		Leak Family Name	--							
Drive Sources and Fuel System Details											
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combustion Engine</td> <td>Ethanol, Gasoline</td> </tr> </tbody> </table>						Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Ethanol, Gasoline
Drive Source and Fuel#	Drive Source	Fuel									
1	Combustion Engine	Ethanol, Gasoline									
Hybrid Indicator	No		Multiple Fuel Combustion	Fuels Combusted Together							
Multiple Fuel Storage	Fuels Stored Together		Rechargeable Energy Storage System Indicator	--							
Fuel Cell Indicator	--		Rechargeable Energy Storage System, if 'Other'	--							
Rechargeable Energy Storage System	--										
Off-board charge Capable Indicator	--		Odometer Correction Factor	1							
Odometer Correction -- Initial	0										
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor										
Odometer Correction Units	Miles										
Engine Code	AA-375		Rated Horsepower	305							
Displacement (liters)	3.6		Air Aspiration Method, if 'Other'								
Air Aspiration Method	Naturally Aspirated		Air Aspiration Device Configuration	--							
Number of Air Aspiration Devices	0		Drive Mode While Testing	2-Wheel Drive, Rear							
Charge Air Cooler Type	N/A		Aged Emission Components	4,000 (mi)							
Shift Indicator Light Usage	Not equipped		Equivalent Test Weight (pounds)	5500							
Curb Weight (lbs)	5292		N/V Ratio	27.7							
GVWR (lbs)	6800										
Axle Ratio	3.92		# of Transmission Gears	8							
Transmission Type	Automatic		Creeper Gear	No							
Transmission Lockup	Yes										
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	66.55	0.0068	0.04572	18.55	0.4592		0.03779				
US06	66.55	0.0068	0.04572	18.55	0.4592	0.03779	24.2				
							N/A				

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Emission Control Device Comments	--		
Manufacturer Test Vehicle Comments	Callout: 18EV-T03.65PB-2; Evap; LVW		
Test #	JCRX10049480	Test Procedure	27 - California fuel 2-day evap
Exhaust Test # for this Evap Test	JCRX10049477	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/16/2017	Fuel	Gasoline
Fuel Batch ID	10465	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4048	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.40651	--

Manufacturer Test Comments Callout: 18EV-T03.65PB-2; Cert 2-Day/Evap (cE10) Hot_Soak_HC_(g) = 0.03134, Diurnal (g) = 0.34506; Total =(0.3764 X 1.08) = 0.40651 (g)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.4065	0.0057	0.412	0.500	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.4065	0.0057	0.412	0.500	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Test #	JCRX10049481	Test Procedure	38 - CA fuel 3-day evap.
Exhaust Test # for this Evap Test	JCRX10049478	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/23/2017	Fuel	Gasoline
Fuel Batch ID	10465	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4155	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.30129	--

Manufacturer Test Comments

Callout: 18EV-T03.65PB-2; Cert 3-Day/Evap (cE10) Hot_Soak_HC_(g) = 0.04999 , Diurnal (g) = 0.22898; Total =(0.27897 X 1.08) = 0.30129 (g)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.3013	0.0090	0.310	0.500	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.3013	0.0090	0.310	0.500	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
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Test #	JCRX10049482	Test Procedure	37 - California Fuel Running Loss
Exhaust Test # for this Evap Test	JCRX10049478	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/23/2017	Fuel	Gasoline
Fuel Batch ID	10465	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	Actual Total Hydrocarbon Equivalent Measurement (with speciation)		
Test Start Odometer Reading	4138	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.00012	--

Manufacturer Test Comments

Callout: 18EV-T03.65PB-2; Cert 3-Day/Evap (cE10) RL =0.00012 g/mile

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
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Test #	JCRX10049483	Test Procedure	24 - Federal fuel refueling test (ORVR)
Exhaust Test # for this Evap Test	JCRX10049479	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	07/08/2017	Fuel	Gasoline
Fuel Batch ID	10465	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4298	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC (Hydrocarbon for Running Loss and ORVR)	0.03	--

Manufacturer Test Comments Callout: 18EV-T03.65PB-2; Cert ORVR(cE10)=0.030 g/gallons

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC	0.030	0.000	0.03	0.20	Pass
CA	150,000 miles	Other	HC	0.030	0.000	0.03	0.20	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Test #	JCRX10074520	Test Procedure	65 - Evap Canister Bleed Test
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular
Test Date	03/10/2017	Fuel	Gasoline
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Sterling Performance		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	0	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	--	Road Speed Fan Usage	--

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0058	--

Manufacturer Test Comments Test run on a rig with aged components (not actual vehicle)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.0058	0.0000	0.006	0.020	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.0058	0.0000	0.006	0.020	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Fuel Properties			
Fuel Batch ID	11466	Fuel Calibration Number	1
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	12/03/2025
Fuel Batch Calibration Effective Date	12/03/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.826	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	0
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.426	Fuel Carbon Mass Fraction (E10)	0.826
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	11473	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	12/28/2026
Fuel Batch Calibration Effective Date	12/28/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.827	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.751
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.431	Fuel Carbon Mass Fraction (E10)	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	10465	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	06/13/2017
Fuel Batch Calibration Effective Date	06/13/2017	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.824	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.749
Fuel Ethanol Volume Percent (%)	9.7	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17987
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.824	Weight Fraction CO2	--

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
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Consolidated List of Standards

Exhaust Standards

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Other
Fuel	Gasoline	Test Procedure	California fuel 2-day exhaust (w/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	--	--	--	--	--	1	0	1.7
150,000 miles	CO-COMP	--	--	--	--	--	1	0	4.2
150,000 miles	HCHO	--	--	--	--	--	1	0	0.004
150,000 miles	METHANE	--	--	--	--	--	1	0	0.030
150,000 miles	N2O	--	--	--	--	--	1	0	0.010
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	0	0.030
150,000 miles	NOX	--	--	--	--	--	1	0	999.999
150,000 miles	PM	--	--	--	--	--	1	0	0.001

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Other
Fuel	Gasoline	Test Procedure	HWFE

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	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050
150,000 miles	NOX	--	--	--	--	--	1	0	999.999

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
Cert Region	Federal	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Federal Tier 3 Bin 50
Fuel	Gasoline	Test Procedure	HWFE

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	CREE	--	--	--	--	--	1	0	999
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050
150,000 miles	NOX	--	--	--	--	--	1	0	999.999

Cert Region	Federal	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Federal Tier 3 Bin 50
Fuel	Gasoline	Test Procedure	US06

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	0	999.9
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NOX	--	--	--	--	--	1	0	999.999
150,000 miles	PM	--	--	--	--	--	1	0	0.006

Cert Region	Federal	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Federal Tier 3 Bin 50
Fuel	Gasoline	Test Procedure	Cold CO

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	1	0	12.5
150,000 miles	HC-NM	--	--	--	--	--	1	0	0.4

Certification Summary Information Report

Test Group	TCRXT03.6565			Evaporative/Refueling Family			TCR XR0183RR0		
Cert Region	Federal			Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel	Gasoline			Test Procedure			California fuel 2-day exhaust (w/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	--	--	--	--	--	1	0	1.7
150,000 miles	CO-COMP	--	--	--	--	--	1	0	4.2
150,000 miles	CREE	--	--	--	--	--	1	0	999
150,000 miles	HCHO	--	--	--	--	--	1	0	0.004
150,000 miles	METHANE	--	--	--	--	--	1	0	0.030
150,000 miles	N2O	--	--	--	--	--	1	0	0.010
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	0	0.030
150,000 miles	NOX	--	--	--	--	--	1	0	999.999
150,000 miles	PM	--	--	--	--	--	1	0	0.003

Cert Region	Federal			Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel	Gasoline			Test Procedure			SC03		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	0	999.9
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NOX	--	--	--	--	--	1	0	999.999

Certification Summary Information Report

Test Group	TCRXT03.6565			Evaporative/Refueling Family			TCRXR0183RR0		
Cert Region	California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Other		
Fuel	Gasoline			Test Procedure			SC03		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	0	999.9
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NOX	--	--	--	--	--	1	0	999.999

Cert Region	Federal			Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel	Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/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	CREE	--	--	--	--	--	1	0	999
150,000 miles	METHANE	--	--	--	--	--	1	0	0.030
150,000 miles	N2O	--	--	--	--	--	1	0	0.010

Cert Region	California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Other		
Fuel	Gasoline			Test Procedure			US06		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	0	999.9
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NOX	--	--	--	--	--	1	0	999.999
150,000 miles	PM	--	--	--	--	--	1	0	0.006

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family			TCRXR0183RR0		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Other		
Fuel		Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/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	METHANE	--	--	--	--	--	1	0	0.030	
150,000 miles	N2O	--	--	--	--	--	1	0	0.010	

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Other		
Fuel		Gasoline			Test Procedure			Cold CO		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
50,000 miles	CO	--	--	--	--	--	1	0	12.5	

Evaporative/Refueling Standards

Evaporative/Refueling Family		TCRXR0183RR0			Cert Region			Federal		
Cert/In-Use Code		Cert			Standard Level			Federal Tier 3 Evap		
Test Procedure		California Fuel Running Loss								
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF					
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000					

Evaporative/Refueling Family		TCRXR0183RR0			Cert Region			Federal		
Cert/In-Use Code		Cert			Standard Level			Federal Tier 3 Evap		
Test Procedure		California fuel 2-day evap								
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF					
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0057					

Certification Summary Information Report

Test Group	TCRXT03.6565		Evaporative/Refueling Family	TCRXR0183RR0	
Evaporative/Refueling Family	TCRXR0183RR0		Cert Region	Federal	
Cert/In-Use Code	Cert		Standard Level	Federal Tier 3 Evap	
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000
Evaporative/Refueling Family	TCRXR0183RR0		Cert Region	Federal	
Cert/In-Use Code	Cert		Standard Level	Federal Tier 3 Evap	
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0090
Evaporative/Refueling Family	TCRXR0183RR0		Cert Region	California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level	Other	
Test Procedure	California fuel 2-day evap				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0057
Evaporative/Refueling Family	TCRXR0183RR0		Cert Region	California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level	Other	
Test Procedure	California Fuel Running Loss				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000
Evaporative/Refueling Family	TCRXR0183RR0		Cert Region	California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level	Other	
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC	--	0.20	0.000
Evaporative/Refueling Family	TCRXR0183RR0		Cert Region	Federal	
Cert/In-Use Code	Cert		Standard Level	Federal Tier 3 Evap	
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC	--	0.20	0.000

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0		
Evaporative/Refueling Family	TCRXR0183RR0	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	Other		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000
Evaporative/Refueling Family	TCRXR0183RR0	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	Other		
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0090

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
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		TCRXT03.6565	Evaporative/Refueling Family		TCR XR0183RR0
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	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0183RR0
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	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0183RR0
F	2-Wheel Drive, Front	A	All Wheel Drive
R	2-Wheel Drive, Rear		
Additional Terms and Acronyms			
AFC	Alternative Fuel Converter	ICI	Independent Commercial Importer
CSI	Certificate Summary Information	ORVR	Onboard Refueling Vapor Recovery
DF	Deterioration Factor	SIL	Shift Indicator Light
Evap	Evaporation, Evaporative	Trans	Transmission

Certification Summary Information Report

Manufacturer	FCA US LLC	Manufacturer Code	CRX
Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	03/04/2026 11:50:10 AM
Model Year	2026		

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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
Drive Source #2:	Combustion Engine		
	Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
	Gasoline	Multipoint/sequential fuel injection	No
Hybrid Indicator	Yes		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	No
Fuel Cell Indicator	No	EPA Vehicle Class	LDT4
Federal Clean Fuel Vehicle	Yes	Federal Clean Fuel Vehicle Standard	LEV
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	TCRXHHGNNF06	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TCRXT03.6565
Test Group OBD Compliance Level	Partial - with deficiencies and penalty	Number of Test Group OBD Deficiencies	6
OBD Deficiencies Comments	Transmission Malfunction Lack of MIL Illumination and Fault Code Storage, AAD Recent Operation Counter Clearing Deficiency, Misfire Detection, EVAP Purge Flow Monitor IUMPR, EVAP Leak Detection Monitor IUMPR, IPC Loss of Communication MIL Illumination		
Mfr Test Group Comments	T3BIN50 E10 - City Litmus Value: 16.3; City Litmus Threshold: 16.0; Hwy Litmus Value: 17.4; Hwy Litmus Threshold: 18.9		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	New	Submission/Correction Date	04/08/2025 03:25:53 PM				
Integrated ORVR?	Yes	Fuel(s)	Gasoline				
Multiple Fuel Storage	--						
Bladder Fuel Tank?	No						
Fuel Tank Material	Plastic	Fuel Tank Material Description	hdpe/co-ex				
Fill Pipe Seal Type	Liquid seal						
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	--				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	--				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	222	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	0				
Mfr Evaporative/Refueling Family Comments	--						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	Yes	Applicability of Evaporative Canister Bleed Test	50 State				
Evaporative Canister Bleed Test Comments	--						
CARB Fuel Only (Rig) Test Indicator	No	Applicability of CARB Fuel Only (Rig) Test	--				
CARB Fuel Only (Rig) Test Comments	--						
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description				
TCRXR0225RR0-LF1	50 State	0.02	--				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
FCA US LLC	12 - RAM	928 - 1500 Warlock 4x4	Federal	4-Wheel Drive	Automatic	8	Yes
FCA US LLC	12 - RAM	928 - 1500 Warlock 4x4	California + CAA Section 177 states	4-Wheel Drive	Automatic	8	Yes
Engine Description							
Hybrid Type	IC Engine/Electric Motor	Hybrid Description	--				
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--				
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description	--				
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	SAE 0W-20				
Number of Cylinders/Rotors	6	Mechanically Variable Compression Ratio Indicator	N				

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0	
After Treatment Device(s) (ATD)				
ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Platinum + Palladium + Rhodium	Ceramic	Monolith
2	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith
Mfr After Treatment Device (ATD) Comments				
		THREE WAY CATALYST		
Direct Ozone Reduction (DOR) Device				
		Not Equipped		
Mfr Emission Control Device Comments				
		--		
Engine Configuration Number 1				
Engine Displacement (liters)	3.6	Engine Rated Horsepower	305	
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2	
Air Aspiration Method	Naturally Aspirated	Number of Air Aspiration Devices	0	
Air Aspiration Device Configuration	--	Charge Air Cooler Type	N/A	
Air Aspiration Drive Method(s)	--			
Cylinder Deactivation	No			
Cylinder Deactivation Description	--			
Variable Valve Timing	Yes			
Variable Valve Timing System Description	Cam Phaser			
Variable Valve Lift?	No			
Variable Valve Lift System Description	--			
Number of Knock Sensors	2	Number of Air/Fuel Sensors	4	
Air/Fuel Sensor # 1 Type	Heated oxygen	Air/Fuel Sensor # 1 Description	--	
Air/Fuel Sensor # 2 Type	Heated oxygen	Air/Fuel Sensor # 2 Description	--	
Air/Fuel Sensor # 3 Type	Heated oxygen	Air/Fuel Sensor # 3 Description	--	
Air/Fuel Sensor # 4 Type	Heated oxygen	Air/Fuel Sensor # 4 Description	--	
Mfr Air/Fuel Sensor Comments	--			
Exhaust Gas Recirculation	Yes	Cooled Exhaust Gas Recirculation	Yes	
EGR Type	Electronic/Electric	Exhaust Gas Recirculation Description if 'Other'	--	
Closed Loop Air Injection System	No			
Air Injection Type	Not Applicable	Air Injection Type if 'Other'	--	
Mfr Engine Configuration Comments	--			

Certification Summary Information Report

Test Group		TCRXT03.6565				Evaporative/Refueling Family			TCRXR0225RR0		
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	
Gasoline	TCRX10093348	TCRX10093350	TCRX10093351	TCRX10093347	TCRX10093349	16.3	16.1	17.5	19.0	1.0	
Electricity	--	--	--	--	--	--	--	--	--	--	
SFTP LEV-III Official Test Numbers											
Test Group Fuel	FTP	US06	SC03								
Gasoline	TCRX10093348	TCRX10093350	TCRX10093351								
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	48	Battery Energy Capacity				9.80					
Battery Specific Energy	42.0	Battery Charger Type				On-Board					
Number of Capacitors	--	Capacitor Rating (In Farads)				--					
Mfr Capacitor Comments	--										
Hydraulic System Description	--										
Regenerative Braking Type	Electrical Regen Brake	Driver Controlled Regenerative Braking				No					
Regenerative Braking Source	Both										
Mfr Regenerative Braking Description	--										
Drive Motor(s)/Generator(s)	1	Rated Motor/Generator Power				11					
Motor/Generator Type 1	AC Induction										
Mfr Fuel Cell Description	--	Usable H2 Fill Capacity (kg)				--					
Fuel Cell On-Board H2 Storage Capacity (kg)	--										
Mfr Hybrid Electric/ Electric Vehicle Comments	--										

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0									
Emission Data Vehicle Information												
Vehicle ID / Configuration	V5DT67380 / 1	Manufacturer Vehicle Configuration Number	1									
Original Test Group Name	TCRXT03.6565	Original Evaporative/Refueling Family	TCRXR0225RR0									
Original Test Vehicle Model Year	2026											
Vehicle Model												
Represented Test Vehicle Make	RAM	Represented Test Vehicle Model	1500 4X4									
Leak Family Details												
Leak Family Identifier	--	Leak Family Name	--									
Drive Sources and Fuel System Details												
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> <tr> <td>2</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity	2	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel										
1	Electric Motor	Electricity										
2	Combustion Engine	Gasoline										
Hybrid Indicator	Yes											
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	No											
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-4000	Rated Horsepower	305									
Displacement (liters)	3.6											
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, Rear									
Shift Indicator Light Usage	Equipped, not shifted by SIL	Aged Emission Components	150,000 (mi)									
Curb Weight (lbs)	5199	Equivalent Test Weight (pounds)	5500									
GVWR (lbs)	6900	N/V Ratio	24.9									
Axle Ratio	3.55											
Transmission Type	Automatic	# of Transmission Gears	8									
Transmission Lockup	Yes	Creeper Gear	No									

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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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	52.58	0.3747	0.03789	19.19	0.4039	0.0344	22.1
Cold CO	57.84	0.4122	0.04168	9.44	0.3924	0.03736	N/A
US06	52.58	0.3747	0.03789	19.19	0.4039	0.0344	N/A

Emission Control Device Comments

--

Manufacturer Test Vehicle Comments

callout: 26DA-T03.6565-1

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
Test #	TCRX10093347	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	01/30/2026	Fuel	Gasoline
Fuel Batch ID	11466	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5503	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
Test Results			

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	11.052	--	
ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.6	--	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	585.16	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	2.481892	--	
FE BAG 1 (Bag 1 Fuel Economy)	14.66	14.66	
CH4 BAG 1 (Bag 1 Methane)	0.054882	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.700917	--	
WATT-HRS BAG 1 (Bag 1 Watt Hours)	18.92	--	
ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.863	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	441.96	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.016329	--	
FE BAG 2 (Bag 2 Fuel Economy)	19.59	19.59	
CH4 BAG 2 (Bag 2 Methane)	0.005029	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.000785	--	
WATT-HRS BAG 2 (Bag 2 Watt Hours)	2.0768	--	
ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.589	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	416	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.120365	--	
FE BAG 3 (Bag 3 Fuel Economy)	20.82	20.82	
CH4 BAG 3 (Bag 3 Methane)	0.006923	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.005197	--	
WATT-HRS BAG 3 (Bag 3 Watt Hours)	-47.3	--	
METHANE (CH4 - Methane)	0.01589	--	
CO (Carbon Monoxide)	0.556326	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.875	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.747	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.226	--	
MFR FE (Manufacturer Fuel Economy)	18.6	18.6	
NOX (Nitrogen Oxide)	0.019371	--	
HC-NM (Non-methane Hydrocarbon)	0.1338	--	
NMOG (Non-methane organic gases)	0.1472	--	

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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WATT-HRS (Watt Hours)	-26.444	--
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Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	466	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	464.535499	--

Manufacturer Test Comments 26DA-T03.6565-1 city 150k Auto BSG WLTP CCO; NECFR = -0.127%; Corrected CO2/FE for NEC

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	50,000 miles	Federal Tier 3 Bin 50	CO	0.56	--	--	--	0	1	0.6	12.5	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	HC-NM	0.13	--	--	--	0	1	0.1	0.4	Pass
CA	50,000 miles	Other	CO	0.56	--	--	--	0	1	0.6	12.5	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Test #	TCRX10093348	Test Procedure	25 - California fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/03/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5529	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
Test Results			

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	14.943	--	
ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.607	--	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	437.322792	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.958724	--	
FE BAG 1 (Bag 1 Fuel Economy)	19.88	19.88	
CH4 BAG 1 (Bag 1 Methane)	0.015507	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.049919	--	
WATT-HRS BAG 1 (Bag 1 Watt Hours)	-29.9376	--	
ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.875	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	437.322792	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.25132	--	
FE BAG 2 (Bag 2 Fuel Economy)	19.88	19.88	
CH4 BAG 2 (Bag 2 Methane)	0.005482	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--	
WATT-HRS BAG 2 (Bag 2 Watt Hours)	26.9412	--	
ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.594	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	405.997905	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.489217	--	
FE BAG 3 (Bag 3 Fuel Economy)	21.45	21.45	
CH4 BAG 3 (Bag 3 Methane)	0.00979	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.011189	--	
WATT-HRS BAG 3 (Bag 3 Watt Hours)	-49.94	--	
ACT-DISTANCE BAG 4 (Bag 4 Actual Distance)	3.866	--	
CO2 BAG 4 (Bag 4 Carbon Dioxide)	405.997905	--	
CO BAG 4 (Bag 4 Carbon Monoxide)	0.047613	--	
FE BAG 4 (Bag 4 Fuel Economy)	21.45	21.45	
CH4 BAG 4 (Bag 4 Methane)	0.004607	--	
NMOG BAG 4 (Bag 4 Non-methane organic gases)	0	--	
WATT-HRS BAG 4 (Bag 4 Watt Hours)	19.7824	--	
METHANE (CH4 - Methane)	0.008485	--	
CO (Carbon Monoxide)	0.403116	--	

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.737	--	
DT-EER (Drive Trace Energy Economy Rating)	-1.14	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.302	--	
MFR FE (Manufacturer Fuel Economy)	20.7	20.7	
NOX (Nitrogen Oxide)	0.009013	--	
N2O (Nitrous Oxide)	0.000406	--	
HC-NM (Non-methane Hydrocarbon)	0.012192	--	
NMOG (Non-methane organic gases)	0.01342	--	
PM (Particulate Matter)	0.00028	--	
HC-TOTAL (Total Hydrocarbon)	0.02	--	
WATT-HRS (Watt Hours)	-33.1188	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	420	420	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	419.467606	--	
Manufacturer Test Comments	26DA-T03.6565-1 city 150k Auto BSG WLTP cE10; NECFR=-0.135%; Corrected CO2/FE for NEC; Bag1=Bag2=UDDS1, Bag3=Bag4=UDDS2;		

Certification Summary Information Report

Test Group		TCRXT03.6565				Evaporative/Refueling Family				TCR XR0225RR0		
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 50	CO	0.40	--	--	--	0	1	0.4	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO-COMP	1.22	--	--	--	0	1	1.2	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CREE	420	--	--	--	0	1	420	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	METHANE	0.0085	--	--	--	0	1	0.008	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	N2O	0.0004	--	--	--	0	1	0.000	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0134	--	--	--	0	1	0.013	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0224	--	--	--	--	--	0.022	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX-COMP	0.0128	--	--	--	0	1	0.013	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0090	--	--	--	0	1	0.009	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0003	--	--	--	0	1	0.000	0.003	Pass
CA	150,000 miles	Other	CO	0.40	--	--	--	0	1	0.4	1.7	Pass
CA	150,000 miles	Other	CO-COMP	1.22	--	--	--	0	1	1.2	4.2	Pass
CA	150,000 miles	Other	METHANE	0.0085	--	--	--	0	1	0.008	0.030	Pass
CA	150,000 miles	Other	N2O	0.0004	--	--	--	0	1	0.000	0.010	Pass
CA	150,000 miles	Other	NMOG	0.0134	--	--	--	0	1	0.013	999.999	Pass
CA	150,000 miles	Other	NMOG+NOX	0.0224	--	--	--	--	--	0.022	0.050	Pass
CA	150,000 miles	Other	NMOG+NOX-COMP	0.0128	--	--	--	0	1	0.013	0.030	Pass
CA	150,000 miles	Other	NOX	0.0090	--	--	--	0	1	0.009	999.999	Pass
CA	150,000 miles	Other	PM	0.0003	--	--	--	0	1	0.000	0.001	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
Test #	TCRX10093349	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/03/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5544	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

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	10.265	--
METHANE (CH4 - Methane)	0.003764	--
CO (Carbon Monoxide)	0.272193	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-5.342	--
DT-EER (Drive Trace Energy Economy Rating)	-0.561	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-6.381	--
MFR FE (Manufacturer Fuel Economy)	27.5	27.5
NOX (Nitrogen Oxide)	0.001615	--
HC-NM (Non-methane Hydrocarbon)	0.003291	--
NMOG (Non-methane organic gases)	0.003391	--
HC-TOTAL (Total Hydrocarbon)	0.006917	--
WATT-HRS (Watt Hours)	-4.6508	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	317	317

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	316.641274	--

Manufacturer Test Comments

26DA-T03.6565-1 hwy 150k Auto BSG WLTP cE10; NECFR=-0.037%; Corrected CO2/FE for NEC

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family					TCR XR0225RR0		
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 50	CREE	317	--	--	--	0	1	317	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0034	--	--	--	0	1	0.003	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0050	--	--	--	--	--	0.005	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0016	--	--	--	0	1	0.002	999.999	Pass
CA	150,000 miles	Other	NMOG	0.0034	--	--	--	0	1	0.003	999.999	Pass
CA	150,000 miles	Other	NMOG+NOX	0.0050	--	--	--	--	--	0.005	0.050	Pass
CA	150,000 miles	Other	NOX	0.0016	--	--	--	0	1	0.002	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Test #	TCRX10093350	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/04/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5592	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
Test Results			

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	523.658747	--

Manufacturer Test Comments 26DA-T03.6565-1 us06 rerun 150k Auto BSG WLTP cE10; NECFR=-0.075%; Corrected CO2/FE for NEC

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 50	CO	3.32	--	--	--	0	1	3.3	999.9	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0049	--	--	--	0	1	0.005	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0061	--	--	--	0	1	0.006	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0011	--	--	--	0	1	0.001	0.006	Pass
CA	150,000 miles	Other	CO	3.32	--	--	--	0	1	3.3	999.9	Pass
CA	150,000 miles	Other	NMOG	0.0049	--	--	--	0	1	0.005	999.999	Pass
CA	150,000 miles	Other	NOX	0.0061	--	--	--	0	1	0.006	999.999	Pass
CA	150,000 miles	Other	PM	0.0011	--	--	--	0	1	0.001	0.006	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
Test #	TCRX10093351	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/04/2026	Fuel	Gasoline
Fuel Batch ID	11473	Fuel Calibration Number	1
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5608	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

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	3.591	--
METHANE (CH4 - Methane)	0.004675	--
CO (Carbon Monoxide)	0.41213	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.1656	--
DT-EER (Drive Trace Energy Economy Rating)	0.0027	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.6664	--
MFR FE (Manufacturer Fuel Economy)	16.1	16.1
NOX (Nitrogen Oxide)	0.004616	--
HC-NM (Non-methane Hydrocarbon)	0.000449	--
NMOG (Non-methane organic gases)	0.000462	--
HC-TOTAL (Total Hydrocarbon)	0.004954	--
WATT-HRS (Watt Hours)	6.556	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	541	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	540.201736	--

Manufacturer Test Comments

26DA-T03.6565-1 sc03 rerun 150k Auto BSG WLTP cE10; NECFR=0.088%; Corrected CO2/FE for NEC

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family					TCRXR0225RR0		
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 50	CO	0.41	--	--	--	0	1	0.4	999.9	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0005	--	--	--	0	1	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0046	--	--	--	0	1	0.005	999.999	Pass
CA	150,000 miles	Other	CO	0.41	--	--	--	0	1	0.4	999.9	Pass
CA	150,000 miles	Other	NMOG	0.0005	--	--	--	0	1	0.000	999.999	Pass
CA	150,000 miles	Other	NOX	0.0046	--	--	--	0	1	0.005	999.999	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565		Evaporative/Refueling Family	TCRXR0225RR0							
Emission Data Vehicle Information											
Vehicle ID / Configuration	V7DS61972 / 0		Manufacturer Vehicle Configuration Number	0							
Original Test Group Name	JCRXT05.75P2		Original Evaporative/Refueling Family	JCRXR0225RP0							
Original Test Vehicle Model Year	2018										
Vehicle Model											
Represented Test Vehicle Make	RAM		Represented Test Vehicle Model	1500 4X4							
Leak Family Details											
Leak Family Identifier	--		Leak Family Name	--							
Drive Sources and Fuel System Details											
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>						Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel									
1	Combustion Engine	Gasoline									
Hybrid Indicator	No		Multiple Fuel Combustion	--							
Multiple Fuel Storage	--		Rechargeable Energy Storage System Indicator	--							
Fuel Cell Indicator	--		Rechargeable Energy Storage System, if 'Other'	--							
Rechargeable Energy Storage System	--										
Off-board charge Capable Indicator	--		Odometer Correction Factor	1							
Odometer Correction -- Initial	0										
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor										
Odometer Correction Units	Miles										
Engine Code	AA-525		Rated Horsepower	395							
Displacement (liters)	5.7		Air Aspiration Method, if 'Other'								
Air Aspiration Method	Naturally Aspirated		Air Aspiration Device Configuration	--							
Number of Air Aspiration Devices	0		Drive Mode While Testing	2-Wheel Drive, Rear							
Charge Air Cooler Type	--		Aged Emission Components	4,000 (mi)							
Shift Indicator Light Usage	Not equipped		Equivalent Test Weight (pounds)	6000							
Curb Weight (lbs)	5675		N/V Ratio	29.2							
GVWR (lbs)	6900										
Axle Ratio	3.92		# of Transmission Gears	8							
Transmission Type	Automatic		Creeper Gear	No							
Transmission Lockup	Yes										
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	85.82	-0.1391	0.041	37.43	0.3681	0.03185	24.2				
US06	85.82	-0.1391	0.041	37.43	0.3681	0.03185	N/A				

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
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Emission Control Device Comments --
Manufacturer Test Vehicle Comments Callout: 18EV-T05.75P2-1; Evaporative Vehicle

Test #	JCRX10049387	Test Procedure	38 - CA fuel 3-day evap.
Exhaust Test # for this Evap Test	JCRX10049355	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/13/2017	Fuel	Gasoline
Fuel Batch ID	10465	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4253	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.48023	--

Manufacturer Test Comments Callout: 18EV-T05.75P2-1; Cert 3-Day/Evap confirmatory; (cE10) Hot_Soak_HC_(g) = 0.08541, Diurnal (g) = 0.35925; Total =(0.44466 X 1.08) = 0.48023 (g)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.4802	0.0090	0.489	0.500	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.4802	0.0090	0.489	0.500	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Test #	JCRX91003631	Test Procedure	27 - California fuel 2-day evap
Exhaust Test # for this Evap Test	JCRX91003614	Test Fuel Type	46 - CARB LEV3 E10 Regular
Test Date	07/21/2017	Fuel	Gasoline
Fuel Batch ID	24670	Fuel Calibration Number	380
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4540.1	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.417621	--

Manufacturer Test Comments Hot_Soak_HC_(g) = 0.046095, Diurnal (gHC) = 0.371526

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.4176	0.0057	0.423	0.500	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.4176	0.0057	0.423	0.500	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
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Test #	JCRX10049386	Test Procedure	37 - California Fuel Running Loss
Exhaust Test # for this Evap Test	JCRX10049382	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/07/2017	Fuel	Gasoline
Fuel Batch ID	10463	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	Actual Total Hydrocarbon Equivalent Measurement (with speciation)		
Test Start Odometer Reading	4199	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.00025	--

Manufacturer Test Comments Callout: 18EV-T05.75P2-1; RL/Evap; (cE10)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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Test #	JCRX10049390	Test Procedure	24 - Federal fuel refueling test (ORVR)
Exhaust Test # for this Evap Test	JCRX10049383	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	07/09/2017	Fuel	Gasoline
Fuel Batch ID	10465	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	CTC		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4404	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC (Hydrocarbon for Running Loss and ORVR)	0.036	--

Manufacturer Test Comments Callout: 18EV-T05.75P2-1; ORVR; (cE10)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC	0.036	0.000	0.04	0.20	Pass
CA	150,000 miles	Other	HC	0.036	0.000	0.04	0.20	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
Test #	JCRX10074521	Test Procedure	65 - Evap Canister Bleed Test
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	02/28/2017	Fuel	Gasoline
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Sterling Performance		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	0	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	--	Road Speed Fan Usage	--

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.008	--

Manufacturer Test Comments Test run on a rig with aged components (not actual vehicle)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.0080	0.0000	0.008	0.020	Pass
CA	150,000 miles	Other	HC-TOTAL-EQUIV	0.0080	0.0000	0.008	0.020	Pass

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
Fuel Properties			
Fuel Batch ID	10465	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	06/13/2017
Fuel Batch Calibration Effective Date	06/13/2017	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.824	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.749
Fuel Ethanol Volume Percent (%)	9.7	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17987
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.824	Weight Fraction CO2	--
Fuel Batch ID	11466	Fuel Calibration Number	1
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	12/03/2025
Fuel Batch Calibration Effective Date	12/03/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.826	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	0
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.426	Fuel Carbon Mass Fraction (E10)	0.826
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	11473	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	12/28/2026
Fuel Batch Calibration Effective Date	12/28/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.827	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.751
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.431	Fuel Carbon Mass Fraction (E10)	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	24670	Fuel Calibration Number	380
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	12/04/2015
Fuel Batch Calibration Effective Date	12/04/2015	Fuel Batch Calibration Ineffective Date	12/04/2030
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.749
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17963
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--
Fuel Batch ID	10463	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	05/30/2017
Fuel Batch Calibration Effective Date	05/30/2017	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	0.813	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.749
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17820
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.813	Weight Fraction CO2	--

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
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Consolidated List of Standards

Exhaust Standards

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Other
Fuel	Gasoline	Test Procedure	California fuel 2-day exhaust (w/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	--	--	--	--	--	1	0	1.7
150,000 miles	CO-COMP	--	--	--	--	--	1	0	4.2
150,000 miles	HCHO	--	--	--	--	--	1	0	0.004
150,000 miles	METHANE	--	--	--	--	--	1	0	0.030
150,000 miles	N2O	--	--	--	--	--	1	0	0.010
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	0	0.030
150,000 miles	NOX	--	--	--	--	--	1	0	999.999
150,000 miles	PM	--	--	--	--	--	1	0	0.001

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Other
Fuel	Gasoline	Test Procedure	HWFE

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	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050
150,000 miles	NOX	--	--	--	--	--	1	0	999.999

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family			TCRXR0225RR0		
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			HWFE		
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	CREE	--	--	--	--	--	1	0	999	
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050	
150,000 miles	NOX	--	--	--	--	--	1	0	999.999	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			US06		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	1	0	999.9	
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999	
150,000 miles	NOX	--	--	--	--	--	1	0	999.999	
150,000 miles	PM	--	--	--	--	--	1	0	0.006	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			Cold CO		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
50,000 miles	CO	--	--	--	--	--	1	0	12.5	
150,000 miles	HC-NM	--	--	--	--	--	1	0	0.4	

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family			TCRXR0225RR0		
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			California fuel 2-day exhaust (w/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	--	--	--	--	--	1	0	1.7	
150,000 miles	CO-COMP	--	--	--	--	--	1	0	4.2	
150,000 miles	CREE	--	--	--	--	--	1	0	999	
150,000 miles	HCHO	--	--	--	--	--	1	0	0.004	
150,000 miles	METHANE	--	--	--	--	--	1	0	0.030	
150,000 miles	N2O	--	--	--	--	--	1	0	0.010	
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	1	0	0.050	
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	1	0	0.030	
150,000 miles	NOX	--	--	--	--	--	1	0	999.999	
150,000 miles	PM	--	--	--	--	--	1	0	0.003	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			SC03		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	1	0	999.9	
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999	
150,000 miles	NOX	--	--	--	--	--	1	0	999.999	

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Other
Fuel	Gasoline	Test Procedure	SC03

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	0	999.9
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NOX	--	--	--	--	--	1	0	999.999

Cert Region	Federal	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Federal Tier 3 Bin 50
Fuel	Gasoline	Test Procedure	Federal fuel 2-day exhaust (w/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	CREE	--	--	--	--	--	1	0	999
150,000 miles	METHANE	--	--	--	--	--	1	0	0.030
150,000 miles	N2O	--	--	--	--	--	1	0	0.010

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	Standard Level	Other
Fuel	Gasoline	Test Procedure	US06

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	1	0	999.9
150,000 miles	NMOG	--	--	--	--	--	1	0	999.999
150,000 miles	NOX	--	--	--	--	--	1	0	999.999
150,000 miles	PM	--	--	--	--	--	1	0	0.006

Certification Summary Information Report

Test Group		TCRXT03.6565			Evaporative/Refueling Family			TCR XR0225RR0		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Other		
Fuel		Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/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	METHANE	--	--	--	--	--	1	0	0.030	
150,000 miles	N2O	--	--	--	--	--	1	0	0.010	

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Other		
Fuel		Gasoline			Test Procedure			Cold CO		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
50,000 miles	CO	--	--	--	--	--	1	0	12.5	

Evaporative/Refueling Standards

Evaporative/Refueling Family		TCR XR0225RR0			Cert Region			California + CAA Section 177 states		
Cert/In-Use Code		Cert			Standard Level			Other		
Test Procedure		California Fuel Running Loss								
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF					
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000					

Evaporative/Refueling Family		TCR XR0225RR0			Cert Region			Federal		
Cert/In-Use Code		Cert			Standard Level			Federal Tier 3 Evap		
Test Procedure		California Fuel Running Loss								
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF					
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000					

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0		
Evaporative/Refueling Family	TCRXR0225RR0	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	Other		
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0090
Evaporative/Refueling Family	TCRXR0225RR0	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	Other		
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC	--	0.20	0.000
Evaporative/Refueling Family	TCRXR0225RR0	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	California fuel 2-day evap				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0057
Evaporative/Refueling Family	TCRXR0225RR0	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0090
Evaporative/Refueling Family	TCRXR0225RR0	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	Other		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000
Evaporative/Refueling Family	TCRXR0225RR0	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000

Certification Summary Information Report

Test Group	TCRXT03.6565		Evaporative/Refueling Family	TCRXR0225RR0	
Evaporative/Refueling Family	TCRXR0225RR0		Cert Region	California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level	Other	
Test Procedure	California fuel 2-day evap				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0057
Evaporative/Refueling Family	TCRXR0225RR0		Cert Region	Federal	
Cert/In-Use Code	Cert		Standard Level	Federal Tier 3 Evap	
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC	--	0.20	0.000

Certification Summary Information Report

Test Group	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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		TCRXT03.6565	Evaporative/Refueling Family		TCR XR0225RR0
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		TCRXT03.6565	Evaporative/Refueling Family	TCR XR0225RR0
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	TCRXT03.6565	Evaporative/Refueling Family	TCRXR0225RR0
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



Section 8 Emission Testing Waiver Statements and Attestations

Below is a list clearly identifying the standards applicable to this Test Group for which emission testing was not performed. All FCA US LLC applicable vehicles will conform with the emission standards which emission data is not being provided, as allowed under 40 CFR 86.1829-01 or 86.1810-01.

HCHO, Particulates

For the remaining list of attestations please see:

"Common Section Book - Section 14. Request for Certification "



Section 9 OBD Description

FCA US LLC considers this information proprietary and confidential. The description contains engineering detail that would allow competitors to gain insight into FCA US LLC OBD system. The OBD system descriptions for all Test Groups are on file with the US EPA and California Air Resources Board.

OBD Agency Approvals are loaded into EV-CIS and E-FILE for each test group.

OBD Demonstration Compliance Statement: This Test Group meets the full intent of both the Clean Air Act as amended in 1990, section 202(m), and the applicable federal OBD regulations contained in 40 CFR §86.005-74 and 40 CFR §86.1806-01, including a reference to those provisions pertaining to deficiencies in the limited instances where an OBD II system that complies with 1968.2 does not comply with all the requirements of section 1968.1.



Section 10 Description of Alternate - Fueled Vehicles

Not Applicable to this Test Group

FCA US LLC

Test Group - TCRXT03.6565

EPA COMP CODE	AA-1000	AA-2000	AA-3000	AA-4000
E10:Powertrain Control Module				
E11:Transmission Control Module				
E19:Electronic Brake Boost Control Module				
E1A:Hybrid Control Processor				
E95:48 Volt BSG Battery Pack				
E96:Power Pack Unit - 48 Volt (PPU) - Software				
F01:Fuel Tank				
F15:Fuel Tank Filler Tube				
F40:Throttle Body				
F50:Fuel Injector				
F55:Fuel Pressure Regulator				
F59:Fuel Pressure Sensor				
F70:Evap. Canister Assembly				
F79:ESIM (Evaporative System Integrity Monitor)				
F99:Fuel Supply Line				
H10:Catalytic Converter				
I05:Spark Plug				

EPA COMP CODE	AA-1000	AA-2000	AA-3000	AA-4000
I10:Ignition Coil				
L01:Heated Oxygen Sensor				
L12:Accelerator Pedal Position Sensor				
L15:Camshaft Position Sensor				
L16:Crankshaft Position Sensor				
L20:Knock Sensor				
L28:ABS Speed Sensor				
M04:Intake Air Temperature Sensor				
M07:Oil Temperature Sensor				
M11:EGR Temperature Sensor				
M15:Engine Coolant Temperature Sensor				
N17:Crankshaft Target Wheel				
N50:Engine Thermostat				
N56:EGR Valve				
N57:EGR Cooler				
N62:Belt Driven Hybrid Starter Generator				
N97:Vapor Hose Harness				
V01:PCV Valve				
V05:MAP Sensor				
V63:Evap. Can. Purge Solenoid				

EPA COMP CODE	AA-1000	AA-2000	AA-3000	AA-4000
Z01:VECI Label				

Section11-100 Engine Parts List

FCA US LLC

Test Group :TCRXT03.6565

Durability Group: TCRXHHGNNF06 **Standard Fed:** Bin50+ **Cal:** N/A

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
L8	DFT	DH9 / 4P	8	0.67	4.71,3.14,2.1,1.67,1.29,1,0.84,0.67	ERG	N/A		Electronically shifted data on file

Section12-200 Transmission

FCA US LLC

TCRXT03.6565

Durability Group:
TCRXHHGNNF06

Standard Fed: Bin50+ Cal: N/A

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: 3.6L (ERG) Evap Family - Evap Code: TCRXR0183RR0-26.0

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
DT6A98	RAM: 1500 Warlock 4x4	MHT		L8 - 4WD DFT / DH9-4P		6900	5500	6000	3.21	23.6	275/55R20 TUB	TZB	ER440I	18.76	18.2	38.76000	0.24020	0.03416	42.64000	0.26420	0.03758
						2220	2832	3.21	23.4	275/55R20 TTH	TZN	CRDTA4C	18.51	18.4	40.75000	0.24880	0.03391	44.82000	0.27370	0.03730	
						5199	6049	3.21	23	275/65R18 TUM	TZA	4X7080L	18.35	18.6	41.27000	0.24480	0.03428	45.40000	0.26930	0.03771	
								3.21	23.3	LT 275/65R18C TCP	TZJ	X4FKDT18-2	17.11	19.9	42.12000	0.39620	0.03493	46.33000	0.43580	0.03842	
								3.21	23.4	275/55R20 TXP	TZJ	X4FKDT20-O	17.03	20.0	43.57000	0.37410	0.03508	47.93000	0.41150	0.03859	
								3.21	22.5	LT275/70R18E TT6	TZA	5X6021F	15.38	22.1	52.58000	0.37470	0.03789	57.84000	0.41220	0.04168	

Engine Code AA-2000 Eng Displ: 3.6L (ERG) Evap Family - Evap Code: TCRXR0183RR0-26.0

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
DT6A98	RAM: 1500 Warlock 4x4	MHT		L8 - 4WD DFT / DH9-4P		6900	5500	6000	3.55	26	275/55R20 TUB	TZB	ER440I	18.76	18.2	38.76000	0.24020	0.03416	42.64000	0.26420	0.03758
						2220	2832	3.55	25.9	275/55R20 TTH	TZN	CRDTA4C	18.51	18.4	40.75000	0.24880	0.03391	44.82000	0.27370	0.03730	
						5199	6049	3.55	25.4	275/65R18 TUM	TZA	4X7080L	18.35	18.6	41.27000	0.24480	0.03428	45.40000	0.26930	0.03771	
								3.55	25.7	LT 275/65R18C TCP	TZJ	X4FKDT18-2	17.11	19.9	42.12000	0.39620	0.03493	46.33000	0.43580	0.03842	
								3.55	25.8	275/55R20 TXP	TZJ	X4FKDT20-O	17.03	20.0	43.57000	0.37410	0.03508	47.93000	0.41150	0.03859	
								3.55	24.9	LT275/70R18E TT6	TZA	5X6021F	15.38	22.1	52.58000	0.37470	0.03789	57.84000	0.41220	0.04168	

Engine Code AA-3000 Eng Displ: 3.6L (ERG) Evap Family - Evap Code: TCRXR0225RR0-33.0

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
DT6A98	RAM: 1500 Warlock 4x4	MHT		L8 - 4WD DFT / DH9-4P		6900	5500	6000	3.21	23.6	275/55R20 TUB	TZB	ER440I	18.76	18.2	38.76000	0.24020	0.03416	42.64000	0.26420	0.03758
						2220	2832	3.21	23.4	275/55R20 TTH	TZN	CRDTA4C	18.51	18.4	40.75000	0.24880	0.03391	44.82000	0.27370	0.03730	
						5199	6049	3.21	23	275/65R18 TUM	TZA	4X7080L	18.35	18.6	41.27000	0.24480	0.03428	45.40000	0.26930	0.03771	
								3.21	23.3	LT 275/65R18C TCP	TZJ	X4FKDT18-2	17.11	19.9	42.12000	0.39620	0.03493	46.33000	0.43580	0.03842	
								3.21	23.4	275/55R20 TXP	TZJ	X4FKDT20-O	17.03	20.0	43.57000	0.37410	0.03508	47.93000	0.41150	0.03859	
								3.21	22.5	LT275/70R18E TT6	TZA	5X6021F	15.38	22.1	52.58000	0.37470	0.03789	57.84000	0.41220	0.04168	

Engine Code AA-4000

Eng Displ: 3.6L (ERG)

Evap Family - Evap Code: TCRXR0225RR0-33.0

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
DT6A98	RAM: 1500 Warlock 4x4	MHT		L8 - 4WD DFT / DH9-4P		6900	5500	6000	3.55	26	275/55R20 TUB	TZB	ER440I	18.76	18.2	38.76000	0.24020	0.03416	42.64000	0.26420	0.03758
						2220	2832	3.55	25.9	275/55R20 TTH	TZN	CRDTA4C	18.51	18.4	40.75000	0.24880	0.03391	44.82000	0.27370	0.03730	
						5199	6049	3.55	25.4	275/65R18 TUM	TZA	4X7080L	18.35	18.6	41.27000	0.24480	0.03428	45.40000	0.26930	0.03771	
								3.55	25.7	LT 275/65R18C TCP	TZJ	X4FKDT18-2	17.11	19.9	42.12000	0.39620	0.03493	46.33000	0.43580	0.03842	
								3.55	25.8	275/55R20 TXP	TZJ	X4FKDT20-O	17.03	20.0	43.57000	0.37410	0.03508	47.93000	0.41150	0.03859	
				3.55	24.9	LT275/70R18E TT6	TZA	5X6021F	15.38	22.1	52.58000	0.37470	0.03789	57.84000	0.41220	0.04168					

Section12-300 Vehicle

FCA US LLC

Test Group: TCRXT03.6565 - Engine Code Index

Durability Group:
TCRXHHGNNF06

Standard : Bin50+ / NA Vehicle Class: LDT2 (LVW 3751-5750, GVW 0-6000) / LDT (0-8500 GVW)

Engine Code: AA-1000 - 3.6L DT6A98 26 gal Active Air Dam 3.21

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		3.6L/ERG	DT	MHT	L8/ Automatic L8 - Lockup/Automatic/8-speed	6900	6900	5500	5500	4WD	NAS

Engine Code: AA-2000 - 3.6L DT6A98 26 gal Active Air Dam 3.55

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		3.6L/ERG	DT	MHT	L8/ Automatic L8 - Lockup/Automatic/8-speed	6900	6900	5500	5500	4WD	NAS

Engine Code: AA-3000 - 3.6L DT6A98 33 gal Active Air Dam 3.21

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-3000	Original		3.6L/ERG	DT	MHT	L8/ Automatic L8 - Lockup/Automatic/8-speed	6900	6900	5500	5500	4WD	NAS

Engine Code: AA-4000 - 3.6L DT6A98 33 gal Active Air Dam 3.55

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-4000	Original		3.6L/ERG	DT	MHT	L8/ Automatic L8 - Lockup/Automatic/8-speed	6900	6900	5500	5500	4WD	NAS

Test Group: TCRXT03.6565 - No Engine Code Changes

Durability Group: TCRXHHGNNF06 Standard Fed: Bin50 Cal: N/A

RC/FF #	Submission Date	Description
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No Results Found

Section12-500 Engine Code Index

Section 12 Vehicle Parameters

Valves per cylinder Engine
3.6 Liters - 4

Test Parameters

SIL usage: All - None

Cooling fan configuration: Models
All - One fan center front (See Section 12 - 601)

Additional Cooling: Models
All - None

Evaporative Testing Parameters: Model
DT - 183 grams
DT - 222 grams

Fuel temperature Profile: Models
All Vehicles - "eDT"

Special Test Procedure: Models
All - none

FAN POSITION DIAGRAM

All vehicles in Test Group



Test Type	Fan Type	Fan Position	Hood Position
EPA75. HWFE US06 CCO	Road Speed Fan (RSF) (meeting requirements of 40CFR1066.105(c)(2) – speed and uniformity requirements)	Position RSF horizontally 12" from front of vehicle, centered in front of vehicle. Position RSF vertically so centerline of fan is centered with vehicle grill.	CLOSED
SC03	Road Speed Fan (meeting requirements of 40CFR1066.105(c)(5) – 45 m3/s at 60 mph)	24-36 inches from bumper/front of vehicle (facility dependent)	CLOSED



February 26, 2026

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

Dear Mr. Dalton:

Re: 2026 Model Year LDT Certificate of Conformity Request

FCA US LLC requests a 2026 MY Certificate of Conformity for the 3.6L Tier 3 Federal and 50 State test group TCRXT03.6565 with evaporative families: TCRXR0183RR0 and TCRXR0225RR0. This test group is being certified to Tier 3 BIN 50 standards. FCA US LLC agrees to meet the Tier 3 BIN 50 standards, and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group TCRXT03.6565. 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. FCA US LLC also elects to follow GHG path 86.1818(f)(1). The FTP emission standards for this LDT test group are as follows:

<u>Emission Standards</u>		<u>City/Hwy NMOG+NOx</u>	<u>CO</u>	<u>HCHO</u>	<u>PM</u>	
Tier 3 BIN 50	150K	0.050	1.7	0.004	0.003	
<u>Evaporative Standards</u>		<u>3-Day</u>	<u>2-Day</u>	<u>R/L</u>	<u>ORVR</u>	<u>Canister Bleed</u>
TCRXR0183RR0	150K	0.500	0.500	0.05	0.2	0.02
TCRXR0225RR0	150K	0.500	0.500	0.05	0.2	0.02

Initial combined CREE for TCRXT03.6565 test group is = 374.9

The models in this test group are as follows:

Division / Model
RAM 1500, 4X4

If there are any questions regarding this submission, please contact Darnell Jones at 248.512.3923 or Gary J. Arvan at 248.221.9461.

Sincerely,
FCA US LLC

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



February 26, 2026

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

Dear Ms. Lang:

Re: 2026 Model Year LDT Executive Order Request

FCA US LLC requests a 2026 MY Executive Order for the 3.6L 50 State test group TCRXT03.6565 with evaporative families: TCRXR0183RR0 and TCRXR0225RR0. This test group is being certified according to an alternate certification path provided in MAC ECCD-2025-08. FCA requests an EO based on the EPA Tier 3 requirements as reflected in the enclosed EPA Certificates of Conformity and EPA Certification Summary Information.

FCA US LLC agrees to meet the Tier 3 BIN 50 emission standards and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group TCRXT03.6565. FCA US LLC agrees that the exhaust and evaporative emission

<u>Emission Standards</u>		<u>City/Hwy</u> <u>NMOG+NOx</u>	<u>CO</u>	<u>HCHO</u>	<u>PM</u>	
Tier 3 BIN 50	150K	0.050	1.7	0.004	0.001	
<u>Evaporative Standards</u>		<u>3-Day</u>	<u>2-Day</u>	<u>R/L</u>	<u>ORVR</u>	<u>Canister Bleed</u>
TCR XR0183RR0	150K	0.500	0.500	0.05	0.2	0.02
TCR XR0225RR0	150K	0.500	0.500	0.05	0.2	0.02

Initial combined CREE for TCRXT03.6565 test group is = 374.9

FCA also completed an E-CERT submission for this test group at the direction of CARB. CARB's E-CERT system requires the selection of a California emission standard at the time of submission. FCA selected the LEV III standard for this reason only and not as an acknowledgement of CARB's authority to require compliance with the underlying standards.

If there are any questions regarding this submission, please contact Darnell Jones at 248.512.3923 or Gary J. Arvan at 248.221.9461.

Sincerely,

FCA US LLC

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

c: J. Nguyen
gja/dgj

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 *

TCRXT03.6565

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
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I, Gary Arvan (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





2026 50-State (NAS) DT

Test Group: TCRXT03.6565

FCA US LLC	VEHICLE EMISSION CONTROL INFORMATION	
GROUP: TCRXT03.6565 EVAP: TCRXR0183RR0 26.0 gal TCRXR0225RR0 33.0 gal	NO ADJUSTMENTS NEEDED EGR / EGRC HO2S / SFI TWC	CONFORMS TO REGULATIONS: 2026 MY ENGINE: 3.6L
U.S. EPA: T3 B50 LDT OBD: CA OBD II FUEL: GASOLINE		68746 216AA
CA: LDT OBD: CA OBD II FUEL: GASOLINE THIS VEHICLE CONFORMS TO FEDERAL REGULATIONS AND IS CERTIFIED FOR SALE IN CALIFORNIA		

VECI label is located on the vehicle per 40 CFR 86.1807-01.