

Beierschmitt, Thomas (T.A.)

From: noreply@salesforce.com on behalf of California Air <mscertfees@arb.ca.gov>
Sent: Monday, February 9, 2026 12:33 PM
To: Landt, Michael (M.R.)
Subject: MS Fee Payment Confirmation for Invoice MSF250720
Attachments: MSF250720 - signed.pdf

WARNING: This message originated outside of Ford Motor Company

Use caution when opening attachments, clicking links, or responding.

Dear Tina Oliver

Attached is documentation for your MS Fee payment for Invoice Name MSF250720. 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 – 25ATD219
2. Date of Payment – 2/4/2026
3. Payment Status - Paid



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

CARB USE ONLY

Invoice Name	MSF250720
Invoice Date	Jan 21, 2026

COMPANY INFORMATION

Company Name	Ford Motor Company
Address	1 American Road
City	Dearborn
State	Michigan
Zip	48126-2798
Country	United States
Contact Name	Tina Oliver
Contact Telephone Number	313-3238938
Contact Email	toliver@ford.com
CARB Customer Number	CCAM000031

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_VFMXT03.0TPC_APPIPT	Model Year 2027	VFMXT03.0TPC	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
2	CBI_VFMXT03.57AV_APPIPT	Model Year 2027	VFMXT03.57AV	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
3	CBI_VFMXT03.54HT_APPIPT	Model Year 2027	VFMXT03.54HT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
4	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT03.57AT	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
5	CBI_VFMXT02.34K2_APPIPT	Model Year 2027	VFMXT02.34K2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
6	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT03.0JP1	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
7	CBI_VFMXT02.02JF_APPIPT	Model Year 2027	VFMXT02.02JF	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
8	CBI_VFMXT02.34K4_APPIPT	Model Year 2027	VFMXT02.34K4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
9	CBI_VFMXT03.33F1_APPIPT	Model Year 2027	VFMXT03.33F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00

10	CBI_VFMXT03.51F2_APPIPT	Model Year 2027	VFMXT03.51F2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
11	CBI_VFMXT03.01HS_APPIPT	Model Year 2027	VFMXT03.01HS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
12	CBI_VFMXT03.57A7_APPIPT	Model Year 2027	VFMXT03.57A7	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
13	CBI_VFMXT03.57A8_APPIPT	Model Year 2027	VFMXT03.57A8	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
14	CBI_VFMXT03.01EW_APPIPT	Model Year 2027	VFMXT03.01EW	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
15	CBI_VFMXT03.54JK_APPIPT	Model Year 2027	VFMXT03.54JK	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
16	CBI_VFMXT05.03DP_APPIPT	Model Year 2027	VFMXT05.03DP	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
17	CBI_VFMXT05.2AHS_APPIPT	Model Year 2027	VFMXT05.2AHS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
18	CBI_VFMXT03.51F1_APPIPT	Model Year 2027	VFMXT03.51F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
19	CBI_VFMXT01.52X4_APPIPT	Model Year 2027	VFMXT01.52X4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
20	CBI_VFMXT01.52X2_APPIPT	Model Year 2027	VFMXT01.52X2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
21	CBI_VFMXT02.02Y3_APPIPT	Model Year 2027	VFMXT02.02Y3	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
22	CBI_VFMXT02.02Y5_APPIPT	Model Year 2027	VFMXT02.02Y5	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
23	CBI_VFMXT02.54F1_APPIPT	Model Year 2027	VFMXT02.54F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
24	CBI_VFMXV00.0B4A_APPIPT	Model Year 2027	VFMXV00.0B4A	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
25	CBI_VFMXV00.0B4R_APPIPT	Model Year 2027	VFMXV00.0B4R	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
26	CBI_VFMXV05.0VKN_APPIPT	Model Year 2027	VFMXV05.0VKN	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
27	OPCARRYOVER_27_VFMXV	Model Year 2027	VFMXV05.2VEY	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
28	CBI_VFMXV02.3VJG_APPIPT	Model Year 2027	VFMXV02.3VJG	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
29	CBI_VFMXV02.3VJY_APPIPT	Model Year 2027	VFMXV02.3VJY	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
30	CBI_VFMXT03.03V5_APPIPT	Model Year 2027	VFMXT03.03V5	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
31	CBI_VFMXT03.03V6_APPIPT	Model Year 2027	VFMXT03.03V6	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
32	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT02.31EN	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00

				medium-duty vehicle test group		
33	CBI_VFMXT03.03V9_APPIPT	Model Year 2027	VFMXT03.03V9	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
34	CBI_VFMXT03.03V8_APPIPT	Model Year 2027	VFMXT03.03V8	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
35	CBI_VFMXT03.03V7_APPIPT	Model Year 2027	VFMXT03.03V7	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
36	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT02.31EM	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
37	27_VFMXV05.2GTD_APPIPT	Model Year 2027	VFMXV05.2GTD	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
38	CBI_VFMXV00.0G4A_APPIPT	Model Year 2027	VFMXV00.0G4A	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
39	CBI_VFMXT02.36HH_APPIPT	Model Year 2027	VFMXT02.36HH	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
40	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT02.36HG	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
41	CBI_VFMXT03.33U3_APPIPT	Model Year 2027	VFMXT03.33U3	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
42	CBI_VFMXT02.34K5_APPIPT	Model Year 2027	VFMXT02.34K5	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
43	CBI_VFMXT02.34K3_APPIPT	Model Year 2027	VFMXT02.34K3	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
44	CBI_VFMXV05.4VBB_APPIPT	Model Year 2027	VFMXV05.4VBB	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
45	CBI_VFMXV00.0PLA_APPIPT	Model Year 2027	VFMXV00.0PLA	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
46	CBI_VFMXV00.0PLR_APPIPT	Model Year 2027	VFMXV00.0PLR	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00

Total Due	\$ 1,974,630.00
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I,  , attest that any information provided is true, accurate, and complete.

(Responsible Party Signature Here)

FORD MOTOR COMPANY

APPLICATION FOR CERTIFICATION - PART 1

2027 Model Year

Test Group: VFMXT03.0JP1
Durability Group: VFMXGPGNNE7A
Evaporative Families: VFMXR0185NDG

Test Group Description: 3.0L V6 GTDI
Federal LDT3/LDT4, California LDT,
Includes 50-State Calibrations

Durability Group Description: Four Stroke, Otto Cycle, Gasoline Fueled,
Turbocharged, Direct Injection, Catalyst Code E

Applicable Standards: Federal Exhaust = Interim Tier 4 Bin 30
Federal Evaporative = Tier 3
California Exhaust = LEV-III SULEV30
California Evaporative = LEV-III
Federal Cold NMHC FEL = 0.3 g/mi
Federal Particulate Matter = 0.003 g/mi
California Particulate Matter = 0.001 g/mi
CH₄ = 0.030 g/mi, N₂O = 0.010 g/mi
SFTP = 0.040 g/mi NMOG + NO_x

Carlines Covered: 2-146 - AVIATOR RWD
2-147 - AVIATOR AWD
1-163 - EXPLORER RWD
1-164 - EXPLORER AWD
1-66 – EXPLORER TREMOR AWD

Vehicles Tested:

Exhaust Emissions Vehicle: VTW1-3.0-J-313 / Config 00		Evaporative Emissions Vehicles: VTW1-3.0-J-456 / Configs 00 & 01 LTH1-3.5-J-435 / Config 00	
	E10 Fuel		E10 Fuel
FTP TN:	TFMX10092536	2Day TN:	TFMX10092766 (456 00)
HWY TN:	TFMX10092537	3Day TN:	TFMX10092767 (456 00)
US06 TN:	TFMX10092538	Linking FTP TN:	TFMX10092765 (456 01)
SC03 TN:	TFMX10092539	RL TN:	TFMX10092769 (456 00)
Cold CO TN:	TFMX10092540	ORVR TN:	TFMX10092785 (456 00)
		BETP:	LFMX10060474 (435 00)

Release Date: September 21st, 2026

For Questions, Contact:
Tom Beierschmitt, (313) 439-5381 (tbeiers1@ford.com)

Application for Certification

Part 1



Part 1 Application Index

- § 00.00.00.00 Cover Page**
- § 02.00.00.00 Durability Group Description**
- § 03.00.00.00 Evaporative/ Refueling Family Description**
 - 03.00.01 Evap Family & Calibration Parameters
- § 04.00.00.00 Durability Procedure Description**
- § 05.00.00.00 Test Group Description**
- § 06.00.00.00 Test Vehicle Description**
- § 07.00.00.00 Test Results**
 - 07.00.01.00 EPA Certification Summary Information (CSI) report(s)
- § 08.00.00.00 Emission Testing Waiver Statements**
 - 08.00.01.00 Statements of compliance
- § 09.00.00.00 OBDII System Description**
- § 11.00.00.00 AECD Descriptions**
- § 12.00.00.00 Description of Vehicles Covered by Certificate and Test Parameters**
 - 12.00.01.00 Common Family Parameters
 - 12.00.02.00 Calibration Description
 - 12.00.03.00 Calibration Parts List
 - 12.00.05.00 Test Vehicle Requirements
 - 12.00.06.00 Vehicle Description Reports
- § 14.00.00.00 Request for Certification**
 - EPA Cover Letter
 - CARB Cover Letter
- § 15.00.00.00 Other Information**
 - 15.00.01.00 Fee Filing Form
- § 16.00.00.00 Confidential Information**
 - 16.00.01.00 Family Catalyst Information
 - 16.00.03.00 OBD II Deficiency Summary
 - 16.00.04.00 DF Summary
 - 16.00.05.00 PowerTrain Control Module (PCM) - Parameters
- § 17.00.00.00 California ARB Information**
 - 17.00.01.00 VECI Label
- § 18.00.00.00 Revisions**

Part 2 Application Index **(Running change updates)**



SECTION 2

Durability Group Description

For a description of the Durability Group for this test group refer to Section 16.00.00.00 of the Common Section.



SECTION 3

Evaporative/Refueling Family Description

03.00.01.00 Evaporative Family and Calibration Parameters

Evaporative Family Name: VFMXR0185NDG

2027 MY 3.0L GTDI Explorer / Aviator / Explorer Tremor

Emission Component	Part Number	Specification
Capless Refueling Component Insert	LU5A-9D000-CC	
Vapor Hose with ORVR Recirculation Orifice	M1M3-9D683-JB	Recirc. Orifice Diameter: 2.7 mm
Combo Fuel Limiting Vent Valve & Grade Vent Valve	L1M3-9B190-AA	Main FLVV Orifice: Ø 4.5 mm (First Stage) Ø 12.0 mm (Second Stage) Main GVV Orifice: Ø 2.25 mm Ø 0.50 mm (Secondary)
Grade Vent Valve (Internal)	L1M3-9B593-AA	Main GVV Orifice: Ø 2.25 mm REF Ø 0.50 mm Ref (Secondary)
Grade Vent Valve (Remote)	L1M3-9B593-BB	Main GVV Orifice: Ø 2.25 mm REF Ø 0.50 mm REF(Secondary)
Fuel Tank Pressure Sensor	9U5A-9C052-BC	
Carbon Canister	LU5A-9D653-HC	185g BWC 2.8L Total Volume (includes 0.066L Bleed Element)
Canister Purge Valve	EU5A-9G866-CE	100 SLPM
AIS Hydrocarbon Trap	GN15-9T303-AA	



SECTION 4

Durability Procedure Description

For a description of the Durability Procedure,
refer to Section 16.00.00.00 of the Common Section.



SECTION 5

Test Group Description

For a description of this Test Group, refer to the Cover Page (00.00.00.00) and to the Test Results Section (07.00.00.00) of this application.



SECTION 6

Test Vehicle Description

For a description of the Test Vehicles utilized in this Test Group,
refer to Section 07.00.00.00 of this application.



SECTION 7

EPA Certification Summary Information Report (Test Results)

Certification Summary Information Report

Manufacturer	Ford Motor Company	Manufacturer Code	FMX
Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	05/14/2026 03:45:27 PM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Gasoline	Spark Ignition Direct fuel injection	No

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	--
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	--
Fuel Cell Indicator	--	EPA Vehicle Class	LDT3, LDT4
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	VFMXGPGNNE7A	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	09/21/2026	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	VFMXT03.0JP1
Test Group OBD Compliance Level	Partial - with deficiencies	Number of Test Group OBD Deficiencies	1
OBD Deficiencies Comments	OBD Deficiencies: Communication Failure between BCM and PCM		
Mfr Test Group Comments	Interim T4B30, LEVIII SULEV30, T3e, L3e, SFTP NMOG+NOx Composite FEL: 0.040 g/mi , E10 City Litmus Value = 16.1 MPG, City Litmus Threshold = 15.9 MPG, E10 Highway Litmus Value = 21.1 MPG, Highway Litmus Threshold = 19.7 MPG		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Evaporative/Refueling Family Information			
Evaporative Summary Information Type	Update for Correction	Submission/Correction Date	04/02/2026 12:10:46 PM
Integrated ORVR?	Yes	Fuel(s)	Gasoline
Multiple Fuel Storage	--		
Bladder Fuel Tank?	No		
Fuel Tank Material	Other	Fuel Tank Material Description	Plastic
Fill Pipe Seal Type	Liquid seal		
Air Intake System Vapor Storage Device?	Yes	Air Intake System Vapor Storage Device Description	AIS Hydrocarbon Trap
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	See comments below
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	185	Number of Primary Canisters	1
Number of Bleed Canisters	1	Bleed Canister Total Working Capacity (grams)	2
Mfr Evaporative/Refueling Family Comments	1 X 2.7L HA 3-port Rect. + 1 X 0.066L Bleed		
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
VFMXR0185NDG-001	50 State	0.02	--

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Models Covered by this Certificate			
Carline Manufacturer	Division	Carline	Certification Region Code(s)
Drive System	Trans - Type	- # of Gears	Trans - Lockup
Ford Motor Company	1 - Ford	164 - EXPLORER AWD	California + CAA Section 177 states
Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	2 - Lincoln	147 - AVIATOR AWD	California + CAA Section 177 states
Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	163 - EXPLORER RWD	Federal
2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	164 - EXPLORER AWD	Federal
Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	66 - EXPLORER TREMOR AWD	Federal
Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	66 - EXPLORER TREMOR AWD	California + CAA Section 177 states
Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	2 - Lincoln	146 - AVIATOR RWD	California + CAA Section 177 states
2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	163 - EXPLORER RWD	California + CAA Section 177 states
2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	2 - Lincoln	146 - AVIATOR RWD	Federal
2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	2 - Lincoln	147 - AVIATOR AWD	Federal
Part-time 4-Wheel Drive	Semi-Automatic	10	Yes

Engine Description			
Hybrid Type	--	Hybrid Description	--
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	3.0L GTDI
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description	V6
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	SAE 5W-30 / ILSAC GF-7
Number of Cylinders/Rotors	6	Mechanically Variable Compression Ratio Indicator	N

After Treatment Device(s) (ATD)				
ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Palladium + Rhodium	Ceramic	Monolith
2	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith
3	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith
4	Three-way catalyst	Palladium + Rhodium	Ceramic	Monolith
5	Other	None	Ceramic	Monolith
6	Other	None	Ceramic	Monolith
7	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith
8	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith

Mfr After Treatment Device (ATD) Comments	Additional information can be found in Confidential Section (16.00.01)
Direct Ozone Reduction (DOR) Device	Not Equipped
Mfr Emission Control Device Comments	DFI/WR-HO2S/HO2S/CAC/TWC/TWC+GPF/TC

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG								
Engine Configuration Number 1											
Engine Displacement (liters)	3.0	Engine Rated Horsepower	385								
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2								
Air Aspiration Method	Turbocharged	Number of Air Aspiration Devices	2								
Air Aspiration Device Configuration	Parallel	Charge Air Cooler Type	Air								
Air Aspiration Drive Method(s)	Mechanical										
Cylinder Deactivation	No										
Cylinder Deactivation Description	--										
Variable Valve Timing	Yes										
Variable Valve Timing System Description	DOHC with VCT (Ti-VCT)										
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 air fuel	Air/Fuel Sensor # 3 Description	--								
Air/Fuel Sensor # 4 Type	Heated air fuel	Air/Fuel Sensor # 4 Description	--								
Mfr Air/Fuel Sensor Comments	--										
Exhaust Gas Recirculation	No	Cooled Exhaust Gas Recirculation	No								
EGR Type	--	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	--										
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	TFMX10092536	TFMX10092538	TFMX10092539	TFMX10092540	TFMX10092537	16.1	16.0	21.2	19.9	--	
SFTP LEV-III Official Test Numbers											
Test Group Fuel	FTP	US06	SC03								
Gasoline	TFMX10092536	TFMX10092538	TFMX10092539								

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Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG						
Emission Control Device Comments	T20-0143-01 T150 <10K (24.7 gal fuel tank)								
Manufacturer Test Vehicle Comments	T150 235/65R16C simulating a T350 205/75R16								
Test #	LFMX10060474	Test Procedure	65 - Evap Canister Bleed Test						
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)						
Test Date	04/26/2019	Fuel	Gasoline						
Fuel Batch ID	--	Fuel Calibration Number	--						
Vehicle Class	N/A	DF Type	Mfr. Determined						
Verify Test Lab ID	APTL								
E10 Evaporative Test Measurement Method	--								
Test Start Odometer Reading	4745	Odometer Units	M						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	No								
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No						
Test Results									
<table border="1"> <tr> <td>Test Result Name</td> <td>Unrounded Test Result</td> <td>Verify Calculated FE Equivalent Value</td> </tr> <tr> <td>HC-TOTAL (Total Hydrocarbon)</td> <td>0.0033</td> <td>--</td> </tr> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	HC-TOTAL (Total Hydrocarbon)	0.0033	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value							
HC-TOTAL (Total Hydrocarbon)	0.0033	--							
Manufacturer Test Comments									
BETP E10 Evaporative Test Measurement Method is "Total Hydrocarbon (THC)									
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	0.0033	0	0.003	0.020	Pass	
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	HC-TOTAL	0.0033	0	0.003	0.020	Pass	

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
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Emission Data Vehicle Information			
Vehicle ID / Configuration	VTW1-3.0-J-313 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TFMXT03.0JP1	Original Evaporative/Refueling Family	TFMXR0185NDG
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	FORD	Represented Test Vehicle Model	EXPLORER TREMOR AWD

Leak Family Details			
Leak Family Identifier	001	Leak Family Name	TFMXR0185NDG-001

Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </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 Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	VCTWYXNA00	Rated Horsepower	400
Displacement (liters)	3		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Rear
Shift Indicator Light Usage	Not equipped	Aged Emission Components	150,000 (mi)
Curb Weight (lbs)	4770	Equivalent Test Weight (pounds)	5000
GVWR (lbs)	6010	N/V Ratio	25
Axle Ratio	3.58		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Certification Summary Information Report

Test Group		VFMXT03.0JP1			Evaporative/Refueling Family		VFMXR0185NDG
Dynamometer Coefficients:							
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	42.29	0.3106	0.02858	13.64	0.3958	0.02543	17.2
Cold CO	42.29	0.3106	0.02858	13.64	0.3958	0.02543	N/A
US06	42.29	0.3106	0.02858	13.64	0.3958	0.02543	N/A
Emission Control Device Comments		--					
Manufacturer Test Vehicle Comments		Vehicle tested with 2027MY calibration. Program was originally planned for 27MY but pulled ahead to 26.5MY J2. Vehicle was originally in test group TFMXT03.0TP1. However, due to 5-cycle testing green litmus for vehicle VTW1-3.0-J-313, test groups TFMXT03.0TP1 and TFMXT03.0JP1 were combined into test group TFMXT03.0JP1 in accordance with 40 CFR 86.1827-01.					

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092536	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/08/2025	Fuel	Gasoline
Fuel Batch ID	373-B	Fuel Calibration Number	118
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3879	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	Yes
Test Results			

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	448.26724	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.6953	--	
FE BAG 1 (Bag 1 Fuel Economy)	19.399071	19.399071	
CH4 BAG 1 (Bag 1 Methane)	0.0092836	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0328933	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	426.972736	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0185	--	
FE BAG 2 (Bag 2 Fuel Economy)	20.40666	20.40666	
CH4 BAG 2 (Bag 2 Methane)	0.0025184	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	391.25328	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0156	--	
FE BAG 3 (Bag 3 Fuel Economy)	22.284784	22.284784	
CH4 BAG 3 (Bag 3 Methane)	0.0038294	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0017878	--	
METHANE (CH4 - Methane)	0.004282	--	
CO (Carbon Monoxide)	0.158108	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.514827	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.637299	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.89529	--	
HCHO (Formaldehyde)	0.0004	--	
MFR FE (Manufacturer Fuel Economy)	20.6	20.6	
NOX (Nitrogen Oxide)	0.010249	--	
N2O (Nitrous Oxide)	0.0009	--	
HC-NM (Non-methane Hydrocarbon)	0.006643	--	
NMOG (Non-methane organic gases)	0.007315	--	
PM (Particulate Matter)	0.000014	--	
HC-TOTAL (Total Hydrocarbon)	0.010583	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	422	422	
Optional Carbon-Related Exhaust Emissions	423	423	

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Certification Summary Information Report

Test Group		VFMXT03.0JP1			Evaporative/Refueling Family					VFMXR0185NDG		
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 30	CO	0.16	--	--	--	--	--	0.2	1.0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	CO-COMP	0.08	--	--	--	--	--	0.1	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	CREE	422	--	--	--	0	--	422	--	--
Fed	150,000 miles	Federal Tier 3 Bin 30	HCHO	0.0004	--	--	--	--	--	0.000	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	METHANE	0.0043	--	--	--	--	--	0.004	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	N2O	0.0009	--	--	--	--	--	0.001	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0073	--	1.1	--	--	--	0.007	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX	0.0175	--	--	--	--	--	0.018	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX-COMP	0.0116	--	--	--	--	--	0.012	0.040	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0102	--	--	--	--	--	0.010	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	OPT-CREE	423	--	--	--	0	--	423	--	--
Fed	150,000 miles	Federal Tier 3 Bin 30	PM	0.0000	--	--	--	--	--	0.000	0.003	Pass
CA	150,000 miles	California LEV-III SULEV30	CO	0.16	--	--	--	--	--	0.2	1.0	Pass
CA	150,000 miles	California LEV-III SULEV30	CO-COMP	0.08	--	--	--	--	--	0.1	4.2	Pass
CA	150,000 miles	California LEV-III SULEV30	HCHO	0.0004	--	--	--	--	--	0.000	0.004	Pass
CA	150,000 miles	California LEV-III SULEV30	METHANE	0.0043	--	--	--	--	--	0.004	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	N2O	0.0009	--	--	--	--	--	0.001	0.010	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG	0.0073	--	1.1	--	--	--	0.007	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX	0.0175	--	--	--	--	--	0.018	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX-COMP	0.0116	--	--	--	--	--	0.012	0.040	Pass
CA	150,000 miles	California LEV-III SULEV30	NOX	0.0102	--	--	--	--	--	0.010	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	PM	0.0000	--	--	--	--	--	0.000	0.001	Pass

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Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092540	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	10/10/2025	Fuel	Gasoline
Fuel Batch ID	375-B	Fuel Calibration Number	74
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3942	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	Yes
Test Results			

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG																																																																													
	<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>CO2 BAG 1 (Bag 1 Carbon Dioxide)</td><td>583.440014</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>3.1816</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>14.70588</td><td>14.70588</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.0621369</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>0.4195399</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>501.747388</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>0.0594</td><td>--</td></tr><tr><td>FE BAG 2 (Bag 2 Fuel Economy)</td><td>17.261657</td><td>17.261657</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.0012233</td><td>--</td></tr><tr><td>NMOG BAG 2 (Bag 2 Non-methane organic gases)</td><td>0</td><td>--</td></tr><tr><td>CO2 BAG 3 (Bag 3 Carbon Dioxide)</td><td>438.239508</td><td>--</td></tr><tr><td>CO BAG 3 (Bag 3 Carbon Monoxide)</td><td>0.0205</td><td>--</td></tr><tr><td>FE BAG 3 (Bag 3 Fuel Economy)</td><td>19.785783</td><td>19.785783</td></tr><tr><td>CH4 BAG 3 (Bag 3 Methane)</td><td>0.0038149</td><td>--</td></tr><tr><td>NMOG BAG 3 (Bag 3 Non-methane organic gases)</td><td>0</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.014584</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.697044</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>0.38901</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>0.175204</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>0.607558</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>17.3</td><td>17.3</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.010683</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.079279</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.087116</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.094388</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	CO2 BAG 1 (Bag 1 Carbon Dioxide)	583.440014	--	CO BAG 1 (Bag 1 Carbon Monoxide)	3.1816	--	FE BAG 1 (Bag 1 Fuel Economy)	14.70588	14.70588	CH4 BAG 1 (Bag 1 Methane)	0.0621369	--	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.4195399	--	CO2 BAG 2 (Bag 2 Carbon Dioxide)	501.747388	--	CO BAG 2 (Bag 2 Carbon Monoxide)	0.0594	--	FE BAG 2 (Bag 2 Fuel Economy)	17.261657	17.261657	CH4 BAG 2 (Bag 2 Methane)	0.0012233	--	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--	CO2 BAG 3 (Bag 3 Carbon Dioxide)	438.239508	--	CO BAG 3 (Bag 3 Carbon Monoxide)	0.0205	--	FE BAG 3 (Bag 3 Fuel Economy)	19.785783	19.785783	CH4 BAG 3 (Bag 3 Methane)	0.0038149	--	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0	--	METHANE (CH4 - Methane)	0.014584	--	CO (Carbon Monoxide)	0.697044	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.38901	--	DT-EER (Drive Trace Energy Economy Rating)	0.175204	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.607558	--	MFR FE (Manufacturer Fuel Economy)	17.3	17.3	NOX (Nitrogen Oxide)	0.010683	--	HC-NM (Non-methane Hydrocarbon)	0.079279	--	NMOG (Non-methane organic gases)	0.087116	--	HC-TOTAL (Total Hydrocarbon)	0.094388	--	
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																																																													
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		<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CREE/OPT-CREE</th></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>502</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	502	--																																																																								
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Carbon-Related Exhaust Emissions	502	--																																																																														
	<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>501.3</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	501.3	--																																																																									
Test Result Name	Unrounded Test Result	Verify Calculated CO2																																																																														
Carbon dioxide	501.3	--																																																																														
Manufacturer Test Comments	--																																																																															

Certification Summary Information Report

Test Group		VFMXT03.0JP1			Evaporative/Refueling Family					VFMXR0185NDG		
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 30	CO	0.70	--	--	--	--	--	0.7	12.5	Pass
Fed	120,000 miles	Federal Tier 3 Bin 30	HC-NM	0.08	--	--	--	--	--	0.1	0.3	Pass
CA	50,000 miles	California LEV-III SULEV30	CO	0.70	--	--	--	--	--	0.7	12.5	Pass

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092537	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/08/2025	Fuel	Gasoline
Fuel Batch ID	373-B	Fuel Calibration Number	118
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3879	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	Yes
Test Results			
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
METHANE (CH4 - Methane)	0.00027	--	
CO (Carbon Monoxide)	0.011897	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.540676	--	
DT-EER (Drive Trace Energy Economy Rating)	0.069407	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.760591	--	
HCHO (Formaldehyde)	0.0001	--	
MFR FE (Manufacturer Fuel Economy)	28.9	28.9	
NOX (Nitrogen Oxide)	0.001867	--	
N2O (Nitrous Oxide)	0	--	
HC-NM (Non-methane Hydrocarbon)	0	--	
NMOG (Non-methane organic gases)	0	--	
HC-TOTAL (Total Hydrocarbon)	0.000049	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	302	302	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	302.3	--	
Manufacturer Test Comments	--		

Certification Summary Information Report

Test Group		VFMXT03.0JP1			Evaporative/Refueling Family					VFMXR0185NDG		
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 30	CREE	302	--	--	--	0	--	302	--	--
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0000	--	1.03	--	--	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX	0.0019	--	--	--	--	--	0.002	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0019	--	--	--	--	--	0.002	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG	0.0000	--	1.03	--	--	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX	0.0019	--	--	--	--	--	0.002	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	NOX	0.0019	--	--	--	--	--	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	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092538	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/08/2025	Fuel	Gasoline
Fuel Batch ID	373-B	Fuel Calibration Number	118
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3911	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	Yes
Test Results			

Certification Summary Information Report

Test Group	VFMXT03.0JP1				Evaporative/Refueling Family				VFMXR0185NDG			
	Test Result Name		Unrounded Test Result			Verify Calculated FE Equivalent Value (miles per gallon)						
	CO2 BAG 1 (Bag 1 Carbon Dioxide)		699.894829			--						
	CO BAG 1 (Bag 1 Carbon Monoxide)		0.1107			--						
	FE BAG 1 (Bag 1 Fuel Economy)		12.445678			12.445678						
	CH4 BAG 1 (Bag 1 Methane)		0.0035066			--						
	NMOG BAG 1 (Bag 1 Non-methane organic gases)		0.004244			--						
	CO2 BAG 2 (Bag 2 Carbon Dioxide)		378.673332			--						
	CO BAG 2 (Bag 2 Carbon Monoxide)		0.0519			--						
	FE BAG 2 (Bag 2 Fuel Economy)		22.987204			22.987204						
	CH4 BAG 2 (Bag 2 Methane)		0.0018283			--						
	NMOG BAG 2 (Bag 2 Non-methane organic gases)		0.0048897			--						
	METHANE (CH4 - Methane)		0.0022			--						
	CO (Carbon Monoxide)		0.064919			--						
	DT-ASCR (Drive Trace Absolute Speed Change Rating)		0.218446			--						
	DT-EER (Drive Trace Energy Economy Rating)		-0.329829			--						
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)		0.985069			--						
	MFR FE (Manufacturer Fuel Economy)		19.4			19.4						
	NOX (Nitrogen Oxide)		0.004272			--						
	HC-NM (Non-methane Hydrocarbon)		0.004608			--						
	NMOG (Non-methane organic gases)		0.004746			--						
	PM (Particulate Matter)		0			--						
	HC-TOTAL (Total Hydrocarbon)		0.006739			--						
	Test Result Name		Unrounded Test Result			Verify Calculated CREE/OPT-CREE						
	Carbon-Related Exhaust Emissions		450			--						
	Test Result Name		Unrounded Test Result			Verify Calculated CO2						
Carbon dioxide		449.9			--							
Manufacturer Test Comments												
--												
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 30	PM	0.0000	--	--	--	--	--	0.000	0.006	Pass
CA	150,000 miles	California LEV-III SULEV30	PM	0.0000	--	--	--	--	--	0.000	0.006	Pass

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092539	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/08/2025	Fuel	N/A
Fuel Batch ID	373-B	Fuel Calibration Number	118
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3927	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	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.00557	--
CO (Carbon Monoxide)	0.024226	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.458202	--
DT-EER (Drive Trace Energy Economy Rating)	-0.248951	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.485281	--
MFR FE (Manufacturer Fuel Economy)	16.4	16.4
NOX (Nitrogen Oxide)	0.006007	--
HC-NM (Non-methane Hydrocarbon)	0.002019	--
NMOG (Non-methane organic gases)	0.00208	--
HC-TOTAL (Total Hydrocarbon)	0.00798	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	530	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	529.7	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG						
Emission Data Vehicle Information									
Vehicle ID / Configuration	VTW1-3.0-J-456 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TFMXT03.0JP1	Original Evaporative/Refueling Family	TFMXR0185NDG						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	LINCOLN	Represented Test Vehicle Model	AVIATOR AWD						
Leak Family Details									
Leak Family Identifier	001	Leak Family Name	TFMXR0185NDG-001						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </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 Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--						
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	--								
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	VCTVYXNA00	Rated Horsepower	380						
Displacement (liters)	3								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Rear						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	5188	Equivalent Test Weight (pounds)	5500						
GVWR (lbs)	6450	N/V Ratio	25.8						
Axle Ratio	3.58								
Transmission Type	Semi-Automatic	# of Transmission Gears	10						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Dynamometer Coefficients:			
	Target Coefficients		Set Coefficients
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)
City/Highway/Evap	35.52	0.5931	0.02334
Cold CO	35.52	0.5931	0.02334
US06	35.52	0.5931	0.02334
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)
	6.29	0.6481	0.02041
EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients			
			16.5
			N/A
			N/A
Emission Control Device Comments	26.5MY U611 3.0L GTDI AWD (26.5MY GS Cert Testing)		
Manufacturer Test Vehicle Comments	26.5MY U611 3.0L GTDI AWD (26.5MY GS Cert Testing, 4k Emissions Components)		
Test #	TFMX10092766		Test Procedure
Exhaust Test # for this Evap Test	TFMX10092765		Test Fuel Type
Test Date	10/01/2025		Fuel
Fuel Batch ID	--		Fuel Calibration Number
Vehicle Class	N/A		DF Type
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4108		Odometer Units
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
			Yes
Test Results			
Test Result Name		Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
OMHCE (Organic material Hydrocarbon Equivalent)		0.2048	--
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)		0.2048	--
Manufacturer Test Comments			
--			
Certification Region	Useful Life	Standard Level	Emission Name
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE
			Rounded Result
			0.2048
			Add DF
			0.0000
			Certification Level
			0.205
			Standard
			0.500
			Pass/Fail
			Pass
			Pass

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092767	Test Procedure	34 - Federal fuel 3-day evap
Exhaust Test # for this Evap Test	TFMX10092765	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/16/2025	Fuel	Gasoline
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4197	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	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
OMHCE (Organic material Hydrocarbon Equivalent)	0.2135	--
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2135	--

Manufacturer Test Comments

--

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	0.2135	0.0000	0.214	0.500	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE	0.2135	0.0000	0.214	0.500	Pass

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092769	Test Procedure	32 - Federal Fuel Running Loss
Exhaust Test # for this Evap Test	TFMX10092765	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/16/2025	Fuel	Gasoline
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4208	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
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 (miles per gallon)
OMHCE (Organic material Hydrocarbon Equivalent)	0	--
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0	--

Manufacturer Test Comments

--

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	California LEV-III Zero Evap (Option 2)	OMHCE	0.000	0.000	0.00	0.05	Pass

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG									
Test #	TFMX10092785	Test Procedure	24 - Federal fuel refueling test (ORVR)									
Exhaust Test # for this Evap Test	TFMX10092765	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)									
Test Date	10/08/2025	Fuel	Gasoline									
Fuel Batch ID	--	Fuel Calibration Number	--									
Vehicle Class	N/A	DF Type	Mfr. Determined									
Verify Test Lab ID	APTL											
E10 Evaporative Test Measurement Method	Actual Total Hydrocarbon Equivalent Measurement (with speciation)											
Test Start Odometer Reading	4120	Odometer Units	M									
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--									
State of Charge Delta	No											
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes									
Test Results												
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>OMHCE (Organic material Hydrocarbon Equivalent)</td> <td>0.01262</td> <td>--</td> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.01262</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	OMHCE (Organic material Hydrocarbon Equivalent)	0.01262	--	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.01262	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)										
OMHCE (Organic material Hydrocarbon Equivalent)	0.01262	--										
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.01262	--										
Manufacturer Test Comments --												
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	0.013	0.001	0.01	0.20	Pass				
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE	0.013	0.001	0.01	0.20	Pass				

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
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Emission Data Vehicle Information			
Vehicle ID / Configuration	VTW1-3.0-J-456 / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	TFMXT03.0JP1	Original Evaporative/Refueling Family	TFMXR0185NDG
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	LINCOLN	Represented Test Vehicle Model	AVIATOR AWD

Leak Family Details			
Leak Family Identifier	001	Leak Family Name	TFMXR0185NDG-001

Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </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 Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	VCTVYXNA00	Rated Horsepower	380
Displacement (liters)	3		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Rear
Shift Indicator Light Usage	Not equipped	Aged Emission Components	150,000 (mi)
Curb Weight (lbs)	5188	Equivalent Test Weight (pounds)	5500
GVWR (lbs)	6450	N/V Ratio	25.8
Axle Ratio	3.58		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Certification Summary Information Report

Test Group	VFMXT03.0JP1			Evaporative/Refueling Family			VFMXR0185NDG
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	35.52	0.5931	0.02334	6.29	0.6481	0.02041	16.5
Cold CO	35.52	0.5931	0.02334	6.29	0.6481	0.02041	N/A
US06	35.52	0.5931	0.02334	6.29	0.6481	0.02041	N/A
Emission Control Device Comments	26.5MY U611 3.0L GTDI AWD (26.5MY GS Cert Testing)						
Manufacturer Test Vehicle Comments	26.5MY U611 3.0L GTDI AWD (26.5MY GS Cert Testing, 150k Emissions Components)						

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test #	TFMX10092765	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	11/15/2025	Fuel	N/A
Fuel Batch ID	373-B	Fuel Calibration Number	121
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4367	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	Yes
Test Results			

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	465.579567	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.5384	--	
FE BAG 1 (Bag 1 Fuel Economy)	18.755792	18.755792	
CH4 BAG 1 (Bag 1 Methane)	0.0095215	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0316637	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	447.382613	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.022	--	
FE BAG 2 (Bag 2 Fuel Economy)	19.591782	19.591782	
CH4 BAG 2 (Bag 2 Methane)	0.0018511	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0004137	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	400.871639	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0145	--	
FE BAG 3 (Bag 3 Fuel Economy)	21.839579	21.839579	
CH4 BAG 3 (Bag 3 Methane)	0.0041208	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0	--	
METHANE (CH4 - Methane)	0.004062	--	
CO (Carbon Monoxide)	0.126863	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.521	--	
DT-EER (Drive Trace Energy Economy Rating)	0.432022	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.86944	--	
HCHO (Formaldehyde)	0.0002	--	
MFR FE (Manufacturer Fuel Economy)	20	20	
NOX (Nitrogen Oxide)	0.008006	--	
N2O (Nitrous Oxide)	0.0006	--	
HC-NM (Non-methane Hydrocarbon)	0.00614	--	
NMOG (Non-methane organic gases)	0.006754	--	
PM (Particulate Matter)	0.000055	--	
HC-TOTAL (Total Hydrocarbon)	0.010039	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	438	438	
Optional Carbon-Related Exhaust Emissions	439	439	

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
	Test Result Name	Unrounded Test Result	Verify Calculated CO2
	Carbon dioxide	438.4	--
Manufacturer Test Comments	26.5MY U6xx 3.0L (Green States) EVAP Linking Test, 150k Aged Emissions Components, Drive Mode: Sport Mode with Start Stop Active, Calibration: VCTVYXNA00		

Certification Summary Information Report

Test Group	VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
Fuel Properties			
Fuel Batch ID	375-B	Fuel Calibration Number	74
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	09/26/2025
Fuel Batch Calibration Effective Date	09/26/2025	Fuel Batch Calibration Ineffective Date	12/31/2100
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.744
Fuel Ethanol Volume Percent (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17921
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.684	Fuel Carbon Mass Fraction (E10)	0.828
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.828	Weight Fraction CO2	--
Fuel Batch ID	373-B	Fuel Calibration Number	121
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	10/28/2025
Fuel Batch Calibration Effective Date	10/28/2025	Fuel Batch Calibration Ineffective Date	12/31/2100
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.752
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.34	Fuel Carbon Mass Fraction (E10)	0.829
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	373-B	Fuel Calibration Number	118
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	09/25/2025
Fuel Batch Calibration Effective Date	09/25/2025	Fuel Batch Calibration Ineffective Date	12/31/2100
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.752
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17851
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.521	Fuel Carbon Mass Fraction (E10)	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.827	Weight Fraction CO2	--

Certification Summary Information Report

Test Group		VFMXT03.0JP1			Evaporative/Refueling Family		VFMXR0185NDG		
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code		Both		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level		Federal Tier 3 Bin 30		
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	CO	--	--	--	--	--	--	--	1.0
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	CREE	--	--	--	--	--	--	0	999.999
150,000 miles	HCHO	--	--	--	--	--	--	--	0.004
150,000 miles	METHANE	--	--	--	--	--	--	--	0.030
150,000 miles	N2O	--	--	--	--	--	--	--	0.010
150,000 miles	NMOG	--	--	1.1	--	--	--	--	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.030
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	--	0.040
150,000 miles	NOX	--	--	--	--	--	--	--	999.999
150,000 miles	OPT-CREE	--	--	--	--	--	--	0	999.999
150,000 miles	PM	--	--	--	--	--	--	--	0.003

Certification Summary Information Report

Test Group	VFMXT03.0JP1				Evaporative/Refueling Family			VFMXR0185NDG	
Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Cert	
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)				Standard Level			California LEV-III SULEV30	
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	CO	--	--	--	--	--	--	--	1.0
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	HCHO	--	--	--	--	--	--	--	0.004
150,000 miles	METHANE	--	--	--	--	--	--	--	0.030
150,000 miles	N2O	--	--	--	--	--	--	--	0.010
150,000 miles	NMOG	--	--	1.1	--	--	--	--	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.030
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	--	0.040
150,000 miles	NOX	--	--	--	--	--	--	--	999.999
150,000 miles	PM	--	--	--	--	--	--	--	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			California LEV-III SULEV30	
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	--	--	1.03	--	--	--	--	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.030
150,000 miles	NOX	--	--	--	--	--	--	--	999.999

Cert Region	Federal				Cert/In-Use Code			Both	
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)				Standard Level			Federal Tier 3 Bin 30	
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	PM	--	--	--	--	--	--	--	0.006

Certification Summary Information Report

Test Group		VFMXT03.0JP1			Evaporative/Refueling Family			VFMXR0185NDG	
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 30	
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	--	--	--	--	--	--	--	12.5
120,000 miles	HC-NM	--	--	--	--	--	--	--	0.3

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			California LEV-III SULEV30	
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	PM	--	--	--	--	--	--	--	0.006

Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			Federal Tier 3 Bin 30	
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	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG	--	--	1.03	--	--	--	--	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.030
150,000 miles	NOX	--	--	--	--	--	--	--	999.999
150,000 miles	OPT-CREE	--	--	--	--	--	--	0	999.999

Certification Summary Information Report

Test Group	VFMXT03.0JP1			Evaporative/Refueling Family			VFMXR0185NDG		
Cert Region	California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			California LEV-III SULEV30		
Fuel	Gasoline			Test Procedure			Cold CO		
					Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC			Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	--	12.5

Evaporative/Refueling Standards

Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		2-day evap					
Fuel	Useful Life	Emission Name	Rounded Result		Std	Add DF	
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--		0.500	0.0000	

Evaporative/Refueling Family	VFMXR0185NDG	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Both	Standard Level	California LEV-III Zero Evap (Option 2)		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL	--	0.020	0

Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		Federal					
Cert/In-Use Code		Both		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-TOTAL-EQUIV		--		0.20		0.001	

Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		2-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	OMHCE	--	0.500	0.0000		

Certification Summary Information Report

Test Group		VFMXT03.0JP1		Evaporative/Refueling Family		VFMXR0185NDG	
Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal fuel 3-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0000		
Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		Federal	
Cert/In-Use Code		Both		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal 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		VFMXR0185NDG		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		Federal fuel 3-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	OMHCE	--	0.500	0.0000		
Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		Federal	
Cert/In-Use Code		Both		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	--	0.020	0		
Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
Test Procedure		Federal fuel refueling test (ORVR)					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	OMHCE	--	0.20	0.001		

Certification Summary Information Report

Test Group		VFMXT03.0JP1		Evaporative/Refueling Family		VFMXR0185NDG	
Evaporative/Refueling Family		VFMXR0185NDG		Cert Region		California + CAA Section 177 states California LEV-III Zero Evap (Option 2)	
Cert/In-Use Code		Both		Standard Level			
Test Procedure		Federal Fuel Running Loss					
Fuel		Useful Life		Emission Name		Rounded Result	
Std		Add DF					
Gasoline		150,000 miles		OMHCE		--	
						0.05	
						0.000	

Certification Summary Information Report

Test Group		VFMXT03.0JP1	Evaporative/Refueling Family	VFMXR0185NDG
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		VFMXT03.0JP1	Evaporative/Refueling Family		VFMXR0185NDG
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		VFMXT03.0JP1	Evaporative/Refueling Family		VFMXR0185NDG
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		VFMXT03.0JP1	Evaporative/Refueling Family		VFMXR0185NDG
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

Refer to Section 14.01.00.00 of Common Section for
Statements of Compliance.



SECTION 8

Emission Testing Waiver Statements and Statements of Compliance

Statement of Compliance for test group VFMXT03.0JP1

Ford Motor Company's test and production vehicles do not have defeat devices. All AECDs have been declared and described in the application. This test group has been designed and engineered to comply with 40 CFR 86.1809-12 (prohibition of defeat devices), satisfies 40 CFR 86.1844-01 (application submittal requirements for AECDs), and does not utilize alternate emissions control maps that are unique for testing purposes relative to on road operation.

Is the transmission part of any AECD, for example, by receiving outputs from the ECU or providing inputs to the ECU, in any emission control strategy, for example, engine and/or catalyst warm-up?

If yes, please describe, including purpose, entry/exit conditions, actuations, and justifications.

Ford describes the transmission controls and potential interaction effects within the confidential AECD documentation found in section 16.05.00 of the common section area of the application submittals. This documentation covers the purpose, inputs, controlled actions, and justifications. For example, as referenced in the Drive Speed Control section of that document, the transmission can receive requests from the ECU to delay upshifts based on cold engine coolant temperature and/or low inferred catalyst temperature to assist with engine or catalyst warm-up.

Does the transmission behave and perform the same as, or differently than, while on road versus on a dynamometer?
Please explain any differences.

Ford does not attempt to discern whether the vehicle is operating on a dynamometer or on the road. However, there are certain conditions that can cause the transmission to operate differently based on the sensed inputs that may not be encountered during dynamometer testing. For example, when climbing grades or when towing, the transmission will make gear ratio adjustments to compensate against excessive engine lugging and reduced vehicle response. There can also be unique transmission scheduling in different customer selectable drive modes, such as EcoSelect, Sport, Snow, Rock Crawl, etc. The types of conditions that are anticipated to cause transmission adjustments are described in the confidential AECD descriptions located in 16.05.00 of the common section. For customer-selectable drive modes that could reasonably be driven over emission test cycles, Ford evaluates emission performance to assure that these modes meet applicable emission standards.

Special dynamometer test modes are required for certain vehicle technologies such as start/stop and HEVs to assure that fault conditions are not set while operating on two-wheel drive dynamometers. This allows the vehicles to behave normally, as they would on the road, rather than causing default/FMEM actions to occur due to significant wheel speed differences between the front and rear axles.

For additional statements of compliance, please refer to Section 14.01.00.00 of the Common Section.



SECTION 9

OBD-II System Description

For a description of the OBD System utilized for this Test Group, refer to Section 16.06.00.00 of the Common Section.



SECTION 10

Description of Alternate-Fueled Vehicles

For a description of the Alternate-Fueled vehicles covered by this Test Group, refer to Section 12.00.00.00 (Description of Vehicles Covered by Certificate and Test Parameters) of this Application.



SECTION 11

AECD Description

For a description of the AECDs utilized in this Test Group,
refer to Section 16.00.05.00 of this application,
and 16.05 of the Common Section.

11.00.01.00 AECD Attestation Statement – VFMXT03.0JP1

Auxiliary Emission Control Device (AECD) Attestation eForm

Please select the applicable market(s)

- ☐ Australia / China / Europe / EU based countries
☐ Brazil
☒ U.S. / Canada / Mexico / South Korea / U.S. based countries
☐ Other

U.S. / Canada / Mexico / South Korea / U.S. based countries AECD Attestation:

U.S. / Canada / Mexico / South Korea / U.S. based countries AECD Statement

The following attestation is provided to support the certification requirements for proper Auxiliary Emissions Control Device (AECD)¹ implementation and disclosure. This attestation covers the calibration content and its interactions with emissions-relevant hardware and control strategies, including those developed by outside vendors that are released under the responsibility of the attesting P/T Calibration Supervisor.

My team and/or I have reviewed the Defeat Device Decision Tree², relevant VH&C policy documents, calibration guidelines (including APR and Cal-Check limits), and the AECD descriptions³ applicable to this test group. Based on these reviews and/or consultation with VH&C, I attest that, to the best of my knowledge, **all AECDs within the subject test group:**

YES (check each box below to confirm)

- ☒ 1. Are **implemented in accordance with the defeat device regulations** as described in the decision tree.
☒ 2. Are **described and properly justified in the application for emissions certification** (i.e., the AECD Descriptions³ and the Part-1 Calibration Description Pages).

For <8,500lb or MDPV programs that have Green House Gas (GHG) or cold/20° F NMHC requirements, please confirm the following additional requirements:

YES N/A (check "YES" to confirm or "N/A" if cold requirements are not applicable)

- ☒ ☐ 1. AECDs **not expected to generate a discontinuity⁴ in FTP or Highway emissions control behavior in the intermediate temperature range between 20° and 86° F** for CO, CO₂, NOx, N₂O, CH₄, NMOG, and HCHO⁵ when evaluating actual FTP/HFET test results within this temperature range.
☒ ☐ 2. For vehicles that comply with GHG or cold temperature NMHC requirements at sea-level, **common calibration approaches⁶ are utilized at high altitude conditions or are otherwise documented as an AECD.**
☐ ☒ 3. For multi-fuel/FFV vehicles that comply with cold temperature NMHC requirements on gasoline, **common calibration approaches are utilized relative to cold NMHC performance regardless of fuel type or are otherwise documented as an AECD.**

See Footnotes

AECD Approval:

Title	Approver CDSID	Decision	Comments	Decision Date
Supervisor, PCCN-NAE Engine Calibration / OBD	jduclos	Approved		04/08/2026

Request for Approval

Test Group: VFMXT03.0JP1

Issued: 5/10/2026

Revised:

INI



SECTION 12

Description of Vehicles Covered by Certificate and Testing Parameters

12.00.01.00 Common Family Parameters

Test Group: VFMXT03.0JP1 - Engine Config Param 1

Test Group Information :	
Vehicle/Engine Class	LDT3,LDT4
Vehicle Fuel Category	Single Fuel
Operating Fuel 1	Gasoline
Operating Fuel 2	N/A
Engine Displacement (liters)	3.0
SAE net HP @ RPM (98 Ron)	385 @ 5500 RPM
SAE net torque ft-lb @ RPM	415 @ 3500 RPM
VECI - Emission Control System	
Air Aspiration Method	Turbocharged
Charge Air Cooler Type	Air
Exhaust Gas Recirculation (EGR)	No
Cooled EGR	No
Air injection Type (AIR)	Not Applicable
After-Treatment Type	Three-way catalyst
Fuel Metering System 1	Spark Ignition Direct fuel injection
Fuel Metering System 2	
Heated oxygen sensor (HO ₂ S)	Yes
Heated Air/Fuel Sensor or WR oxygen sensor (AFS/WR-HO ₂ S)	Yes
Feedback Sensor Configuration	WR-HO ₂ S, HO ₂ S
Shift Schedules	See Common Section
EVAP Canister working Capacity	See Common Section
EVAP Canister Bed Volume	See Common Section
Fuel Tank Temperature Profile	See Common Section

Exhaust Calibration	Evaporative Calibration	Application	Transmission	Leak Check	Vehicle
VCTVYXNA05/06	VFMXR0185NDG	50S	A/T	0.020	Aviator RWD/AWD
VCTWYXNA05/06	VFMXR0185NDG	50S	A/T	0.020	Explorer Tremor AWD
VCTWYXNB05/06	VFMXR0185NDG	50S	A/T	0.020	Explorer ST RWD/AWD
VCTWYXNC05/06	VFMXR0185NDG	50S	A/T	0.020	Explorer Platinum RWD/AWD

Reference Specifications

Spark Plug	Type: ML3E-12405-FA Gap: 0.75 +/- 0.05 mm	
Ignition Timing °BTDC (No SPOUT connector)	PCM Controlled	
Idle RPM	PCM Controlled	
Target (Base) in Drive (A/C OFF/ A/C ON)	A/T: 625/625 +/- 50 rpm	Special conditions which may require idle speeds higher than base are listed below. (See Section 16.05 for descriptions of these strategies):

Potential Idle/Drive Speed Modifier	Function Utilized (Y/N)	Purpose
A/C Operation	Y	Compressor performance
Low or high air charge temperature	Y	Heater, A/C or engine cooling performance
Low catalyst temperature	Y	Achieve light off
Low engine coolant temperature	Y	Combustion stability
Low or high ambient temperature	Y	Heater or A/C performance
High transmission oil temperature	N	Ensure adequate fluid pressure
Low battery voltage	Y	Avoid stalling or no-start
High Alternator load	Y	Preserve battery life and avoid low voltage
High-speed fan operation	N	For engine and A/C condenser cooling
Extended neutral idle time	Y	Maintain catalyst temperature
Power steering pressure	N	Ensure adequate P/S assistance
Power steering position	N	Ensure adequate P/S assistance
High Altitude	Y	Maintain air mass flow to avoid stalling
Alternate calibration	Y	Avoid spark plug fouling during plant/dealer handling
Drive Speed Control or Shift Delay	Y	Increase engine speed to improve cabin heating or cooling

Emission Component	Sensed Parameter	Controlled Parameter	Justification ¹	Calibration
ELECTRONICS – PCM²				
FUEL				
Fuel Injector	Signal from PCM	Fuel Flow	N/A	Static Flow Rate: 19.5 +/- 1.1 cc/sec
Regulated Fuel Pressure	Signal from PCM	Fuel Pressure	N/A	N/A CLPC
Fuel Pump	Signal from PCM	Fuel Flow	N/A	Nom. Flow Rate: 200 L/H @ 12V, 500 kPa
Torque Based Electronic Throttle Control	Signal from PCM	None	Operates in FTP	Throttle Diameter: 60.015 mm
Fuel System Control Strategy²				
Open loop enrichment for driver torque demand	Throttle Position or Pedal Position or Engine LOAD, and Engine RPM	Air-Fuel Ratio (LAMBSE)	Protection against damage or accident; provides additional power under extended torque demand	See Section 16.00.05.00 for air-fuel calibration (LAMBSE) in function "FN1360" and the entry conditions in function "FN311P" or "FN337C" (MultiCore-OL_LAM_PWR_ENR_MIN_M)
Open Loop Delay Timers	Time and Gear	Delay open loop fuel	Allows time for downshift; limit enrichment to unusual conditions	See Section 16.00.05.00 for delay time calibration "FN1311" or "HLDTM2" and the maximum open-loop count-up time, "PWR_DELAYMAX" (MultiCore-OL_TM_PWR_DLY_A_M)

¹ – Justification provided for AECD systems (i.e. sense operating conditions and control the function of an emission component) and not for the individual components.

² – See Section 16.05 for Strategy Control Systems descriptions

³ – "FTP" represents all tests required for certification

* – indicates that ending characters on some parameter names may vary

Open Loop Enrichment Catalyst Protection	Inferred Catalyst Temperature	Air-Fuel Ratio (LAMBSE)	Protection against damage	See Section 16.00.05.00 for inferred catalyst temperature to trigger enrichment, either "CAT_MAX" or "CAT_MAX_LO" and "CAT_MAX_HI" and the time delay on CAT_MAX_LO," "CAT_TMR_THRES"
Open Loop Enrichment EGO Protection	Inferred Oxygen Sensor Temperature	Air-Fuel Ratio (LAMBSE)	Protection against damage	See Section 16.00.05.00 for inferred EGO temperature to trigger enrichment, "FEGO_MAX"
Open Loop Enrichment Engine/Exhaust Manifold Protection	Inferred Exhaust Manifold Flange Temperature	Air-Fuel Ratio (LAMBSE)	Protection against damage	See Section 16.00.05.00 for inferred exhaust flange temperature, "FLN_MAX" or "FLN_MAX_LO" and "FLN_MAX_HI" and the time delay on FLN_MAX_LO," "FLN_TMR_THRES"
Open Loop Enrichment following Deceleration Fuel Shut-Off (DFSO)	Injector state, inferred catalyst O ₂ stored, and CMS voltage	Air-Fuel Ratio (LAMBSE)	Substantially demonstrated on FTP	See Section 16.00.05.00 for air-fuel ratio utilized following fuel shut-off event, "LAM_REACT" and "OL_LAM_SSTRT_CALRC_T"

CRANKCASE

PCV Valve	Manifold Vacuum	Air Flow to Engine	Operates in FTP	72.2 – 106.2 LPM @ 10.2 +/- 1.7 kPa 56.6 – 90.6 LPM @ 27.1 +/- 1.7 kPa 24.1 – 46.7 LPM @ 50.8 +/- 1.7 kPa
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EGR – N/A

Emission Component	Sensed Parameter	Controlled Parameter	Justification ¹	Calibration
VCT Control Strategy				
Cam timing based on requested torque and percent torque	Requested Torque, Percent Torque, Engine Speed, and Load	Cam Phase Timing	VCT optimized for fuel efficiency within constraints of combustion stability, driveability, emissions, and vacuum limitations	See Section 16.00.05.00 for "FNCAMTQ_IMRC" or "FN5520_TQ", or "FN5520_LOAD" (Multicore-FNHDFX_BEST_DRIVE_DIST and FNHDFX_BEST_FE_DIST)
Cam Timing Limitation for Combustion Stability	Requested Torque and Engine Speed	Cam Phase Timing	Protection against damage or accident	See Section 16.00.05.00 for "FN5520A1_TQ"
Cam Actuator Limitation for Oil Temperature	Oil Temperature; or Time-since-start and ECT-at-start	Cam Phase Timing	Protection against damage or accident	See Section 16.00.05.00 for "FNEOTB" (Multicore-FNHDFX_FNEOT_EXH)
Cam Actuator Limitation for start-up	Engine Coolant Temp. at start and time-since-start	Cam Phase Timing	Protection against damage or accident	See Section 16.00.05.00 for "FN556" (Multicore-FNHDFX_VCT_COMB_STAB_EXH and FNHDFX_VCT_COMB_STAB_INT)
Cam Retard Limitation under Hi Torque Demand	Engine Speed and Requested Torque	Cam Phase Timing or Throttle Position	Protection against damage or accident under high torque demand	See Section 16.00.05.00 for "FN5521A" or "FN5521A_PTC" (Multicore-FNHDFX_OP_LIM_EXH)
Cam Actuator Limitation for ACT Effects	Air Charge Temperature	Cam Phase Timing	Protection against damage or accident by maintaining combustion stability	See Section 16.00.05.00 for "FN552A" (Multicore-FNHDFX_VCTLIM_EXH)

ENGINE COOLING

Thermostat	Coolant Temperature	Coolant Flow	Engine Protection	Start to Open: 82° C
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¹ – Justification provided for AECD systems (i.e. sense operating conditions and control the function of an emission component) and not for the individual components.

² – See Section 16.05 for Strategy Control Systems descriptions

³ – "FTP" represents all tests required for certification

* – indicates that ending characters on some parameter names may vary

2027 MY Exhaust Emissions Parts List
Test Group: VFMXT03.0JP1

Vehicle	Certification Level	Certification Code(s)	Calibration(s)	PCM Part Number	Date
Aviator RWD/AWD	Initial	VCTVYXNA0002	VCTVYXNA05	PVB5A-12A650-JB	5/10/2026
	Initial	VCTVYXNA0003	VCTVYXNA06	PVB5A-12A650-JC	5/10/2026
Explorer Tremor AWD	Initial	VCTWYXNA0002	VCTWYXNA05	PVB5A-12A650-HB	5/10/2026
	Initial	VCTWYXNA0003	VCTWYXNA06	PVB5A-12A650-HC	5/10/2026
Explorer ST RWD/AWD	Initial	VCTWYXNB0002	VCTWYXNB05	PVB5A-12A650-GB	5/10/2026
	Initial	VCTWYXNB0003	VCTWYXNB06	PVB5A-12A650-GC	5/10/2026
Explorer Platinum RWD/AWD	Initial	VCTWYXNC0002	VCTWYXNC05	PVB5A-12A650-PA	5/10/2026
	Initial	VCTWYXNC0003	VCTWYXNC06	PVB5A-12A650-PB	5/10/2026

Part Name	Part Number
Assembly, Catalysts (CC-RH)	V1M3-5E211-EE
	V1M3-5E211-EF Alt
	V1M3-5E211-EG Alt
Assembly, Catalysts (CC-LH)	V1M3-5E213-EE
	V1M3-5E213-EF Alt
	V1M3-5E213-EG Alt
Assembly, Catalyst w/ GPF	V1M3-5L230-AA
	V1M3-5L230-AB Alt
	V1M3-5L230-BB Alt
Positive Crankcase Ventilation (PCV) Valve	KR3E-6A666-BA
	ES1F1E-6A666-AA Alt
Turbo Charger (LH)	PB5E-6C879-AB
	PB5E-6C879-AD Alt
Turbo Charger (RH)	PB5E-6K682-AB
	PB5E-6K682-AD Alt
Fuel Pump (Low Pressure, In-Tank)	JL34-9350-AA
Fuel Pump (High Pressure)	VB5E-9D376-BB
Fuel Pressure Sensor (Low Pressure)	FU5A-9F972-AB
Fuel Pressure Sensor (High Pressure)	K2GE-9F972-AA
Electric Throttle Body	JT4E-9F991-AA
Fuel Injector (DI)	VB5E-9G929-BB
Heated Oxygen Sensor (HO2S) – CMS (2)	V1MA-9G444-BA
Wide-Range Universal Heated Oxygen Sensor – UEGO (2)	V1MA-9Y460-BA
	V1MA-9Y460-CA Alt

2027 TEST VEHICLE REQUIREMENTS

	Evaporative Emission Vehicle	Evaporative Emission Vehicle	Exhaust Emission Vehicle	Exhaust Emission Vehicle
Test Group	LFMXD03.56BZ	TFMXT03.0JP1	TFMXT03.0JP1	TFMXT03.0JP1
Evap Emission Family	LFMXR0185NDJ	TFMXR0185NDG	TFMXR0185NDG	TFMXR0185NDG
Displacement	3.5L	3L	3L	3L
Engine Code	LTTHURNK00	VCTVYXNA00	VCTWYXNA00	VCTVYXNA00
Fuel Tank Capacity	24.7 Gal	21.8 Gal	21.8 Gal	21.8 Gal
Exhaust Control System	TWC/WR-HO2S/HO2S/EGR/SFI/DFI	CAC/DFI/TWC+GPF/HO2S/TC/TWC/WR-HO2S	DFI/WR-HO2S/HO2S/CAC/TWC/TWC+GPF/TC	CAC/DFI/TWC+GPF/HO2S/TC/TWC/WR-HO2S
Model	T150 Transit Van <10K	AVIATOR AWD	EXPLORER TREMOR AWD	AVIATOR AWD
Transmission	Semi-Auto-10	Semi-Auto-10	Semi-Auto-10	Semi-Auto-10
Equivalent Test Weight	9000.0	5500.0	5000.0	5500.0
Curb Weight	8124.0	5188.0	4770.0	5188.0
GVWR	9950.0	6450.0	6010.0	6450.0
THP/DPA	37.5 / f0=66.02, f1=0.3429, f2=0.0793	16.5 / f0=35.52, f1=0.5931, f2=0.02334	17.2 / f0=42.29, f1=0.3106, f2=0.02858	16.5 / f0=35.52, f1=0.5931, f2=0.02334
Axle Ratio	3.73	3.58	3.58	3.58
N/V Ratio - RPM/MPH	29.4	25.8	25.0	25.8
Tires	235/65R16C	275/40R22 107W	P265/65R18	275/40R22 107W
Vehicle ID No	LTH1-3.5-J-435	VTW1-3.0-J-456	VTW1-3.0-J-313	VTW1-3.0-J-456
Configuration Number	0	0	0	1
Model Year	2020	2026	2026	2026

Vehicle Description Report

Test Group: VFMXT03.0JP1

ID Number	5306322	5306335	5306323	5306334
Displacement	3.0	3.0	3.0	3.0
Cert Code	VCTVYXNA0002	VCTVYXNA0003	VCTVYXNA0002	VCTVYXNA0003
Fuel Tank(s)	X2	X2	X2	X2
Carline	AVIATOR AWD	AVIATOR AWD	AVIATOR RWD	AVIATOR RWD
Wheel Configuration	Standard	Standard	Standard	Standard
Body Style	4 Door	4 Door	4 Door	4 Door
Wheelbase	119.1	119.1	119.1	119.1
Transcode Combo	ETB	ETB	ETB	ETB
Curb Weight	5118	5118	4904	4904
ETW	5500	5500	5250	5250
Loaded Weight LVW	5418	5418	5204	5204
ALVW-ETW	6000	6000	5500	5500
Adj. Loaded Weight	5792	5792	5617	5617
GVWR	6465	6465	6330	6330
GCWR	12200	12200	12100	12100
Min Axle Ratio	3.58	3.58	3.58	3.58
Max Axle Ratio	3.58	3.58	3.58	3.58
Min N/V Ratio	25.5	25.5	25.5	25.5
Max N/V Ratio	25.8	25.8	25.8	25.8
Emission Vehicle Class	LDT4	LDT4	LDT3	LDT3
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST
Min Tire Size	255/55R20 - 25.5	255/55R20 - 25.5	255/55R20 - 25.5	255/55R20 - 25.5
Max Tire Size	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 25.7
Alt Tire 1	275/40R22 - 25.8	275/40R22 - 25.8	275/40R22 - 25.8	275/40R22 - 25.8
Alt Tire 2				
Alt Tire 3				
Alt Tire 4				
Alt Tire 5				
Alt Tire 6				
Alt Tire 7				
DAW Full Tank	2488	2488	2442	2442
DAW Empty Tank	2394	2394	2349	2349

Vehicle Description Report

Test Group: VFMXT03.0JP1

ID Number	5300443	5305667	5300442	5305664	5300506	5305660
Displacement	3.0	3.0	3.0	3.0	3.0	3.0
Cert Code	VCTWYXNB0002	VCTWYXNC0002	VCTWYXNB0002	VCTWYXNC0002	VCTWYXNA0002	VCTWYXNA0002
Fuel Tank(s)	X2	X2	X2	X2	X2	X2
Carline	EXPLORER AWD	EXPLORER AWD	EXPLORER RWD	EXPLORER RWD	EXPLORER TREMOR AWD	EXPLORER TREMOR AWD
Wheel Configuration	Standard	Standard	Standard	Standard	Standard	Standard
Body Style	4 Door	4 Door	4 Door	4 Door		4 Door
Wheelbase	119.1	119.1	119.1	119.1	119.1	119.1
Transcode Combo	ETB	ETB	ETB	ETB	ETB	ETB
Curb Weight	4755	4721	4628	4593	4795	4791
ETW	5000	5000	5000	5000	5000	5000
Loaded Weight LVW	5055	5021	4928	4893	5095	5091
ALVW-ETW	5500	5500	5250	5250	5500	5500
Adj. Loaded Weight	5478	5435	5344	5306	5403	5401
GVWR	6200	6150	6060	6020	6010	6010
GCWR	10800	10800	10800	10800	10800	10800
Min Axle Ratio	3.58	3.31	3.58	3.31	3.58	3.58
Max Axle Ratio	3.58	3.31	3.58	3.31	3.58	3.58
Min N/V Ratio	25.7	23.8	25.7	23.8	25.1	25.1
Max N/V Ratio	25.7	23.8	25.7	23.8	25.1	25.1
Emission Vehicle Class	LDT3	LDT3	LDT3	LDT3	LDT3	LDT3
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	2-Wheel Drive, Rear	2-Wheel Drive, Rear	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Automatic	Semi-Automatic	Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 25.7	275/45R21 - 23.8	P265/65R18 - 25.1	P265/65R18 - 25.1
Max Tire Size	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 25.7	275/45R21 - 23.8	P265/65R18 - 25.1	P265/65R18 - 25.1
Alt Tire 1						
Alt Tire 2						
Alt Tire 3						
Alt Tire 4						
Alt Tire 5						
Alt Tire 6						
Alt Tire 7						
DAW Full Tank	2241	2224	2225	2206	2259	2255
DAW Empty Tank	2148	2131	2132	2113	2165	2161

Vehicle Description Report

Test Group: VFMXT03.0JP1

ID Number	5300443	5305667	5300442	5305664	5300506	5305660
Displacement	3.0	3.0	3.0	3.0	3.0	3.0
Cert Code	VCTWYXNB0003	VCTWYXNC0003	VCTWYXNB0003	VCTWYXNC0003	VCTWYXNA0003	VCTWYXNA0003
Fuel Tank(s)	X2	X2	X2	X2	X2	X2
Carline	EXPLORER AWD	EXPLORER AWD	EXPLORER RWD	EXPLORER RWD	EXPLORER TREMOR AWD	EXPLORER TREMOR AWD
Wheel Configuration	Standard	Standard	Standard	Standard	Standard	Standard
Body Style	4 Door	4 Door	4 Door	4 Door		4 Door
Wheelbase	119.1	119.1	119.1	119.1	119.1	119.1
Transcode Combo	ETB	ETB	ETB	ETB	ETB	ETB
Curb Weight	4755	4721	4628	4593	4795	4791
ETW	5000	5000	5000	5000	5000	5000
Loaded Weight LVW	5055	5021	4928	4893	5095	5091
ALVW-ETW	5500	5500	5250	5250	5500	5500
Adj. Loaded Weight	5478	5435	5344	5306	5403	5401
GVWR	6200	6150	6060	6020	6010	6010
GCWR	10800	10800	10800	10800	10800	10800
Min Axle Ratio	3.58	3.31	3.58	3.31	3.58	3.58
Max Axle Ratio	3.58	3.31	3.58	3.31	3.58	3.58
Min N/V Ratio	25.7	23.8	25.7	23.8	25.1	25.1
Max N/V Ratio	25.7	23.8	25.7	23.8	25.1	25.1
Emission Vehicle Class	LDT3	LDT3	LDT3	LDT3	LDT3	LDT3
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	2-Wheel Drive, Rear	2-Wheel Drive, Rear	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Automatic	Semi-Automatic	Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 25.7	275/45R21 - 23.8	P265/65R18 - 25.1	P265/65R18 - 25.1
Max Tire Size	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 25.7	275/45R21 - 23.8	P265/65R18 - 25.1	P265/65R18 - 25.1
Alt Tire 1						
Alt Tire 2						
Alt Tire 3						
Alt Tire 4						
Alt Tire 5						
Alt Tire 6						
Alt Tire 7						
DAW Full Tank	2241	2224	2225	2206	2259	2255
DAW Empty Tank	2148	2131	2132	2113	2165	2161



SECTION 14

Request for Certification



**Emissions Certification,
Homologation, & Compliance**

**Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053**

May 13, 2026

Ms. Hannah Frame
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Ms. Frame,

Ford Motor Company (Ford) herewith submits its Part I Application for Certification for 2027 model year gasoline powered light-duty vehicles (LDVs) contained in Ford's 50 states test group VFMXT03.0JP1 and evaporative emission family VFMXR0185NDG. Tier 3 E10 regular fuel was used for Exhaust and Evaporative emission testing. This test group is being certified to the Federal Interim T4B30 standards and is counted as LEV-III SULEV30 under the California standards.

The EPA Interim Tier 4 certification and in-use exhaust emission standards applicable to this test group are:

Certification & In-Use FTP Standards	Useful Life (mi)	NMOG + NOx (g/mi)	CO (g/mi)	N2O (g/mi)	HCHO (g/mi)	CH4 (g/mi)	PM (g/mi)
Interim Tier 4 Bin 30	150K	0.030	1.0	0.010	0.004	0.030	0.003

In addition, this test group also meets the Cold NMHC Family Emission Limit (FEL) of 0.3 g/mi as part of compliance plan to meet corporate fleet average Cold NMHC standards. This test group also meets the SFTP NMOG+NOx Family Emission Limit (FEL) of 0.040 g/mi and CO composite limit of 4.2 g/mi as part of compliance plan to meet corporate fleet average SFTP standards.

The EPA Tier 3 certification and in-use evaporative emission standards applicable to this test group are:

Certification & In-Use Evaporative Standards	Useful Life (mi)	Hot Soak + 2-day diurnal (grams per test)	Hot Soak + 3-day diurnal (grams per test)	Running Loss (g/mi)	ORVR (g/gal)	BETP (grams per test)
Tier 3	150K	0.500	0.500	0.05	0.20	0.020

The spit back standard is 1.0 gram per test for this test group.

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this Application are designed to comply with the applicable intermediate and full useful life standards, as described above.

This Part I application for certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # CD-14-19 (LDV/LDT/ICI/LIMO), subject: "Certification Application Reporting Guidance", dated November 24, 2014. This Application has also been prepared in accordance with the California Air Resources Board, Final Regulation Order, Amendments to Sections 1960.1, 1960.5, 1961, and 1962 Title 13, California Code of Regulations (As Amended August 4, 2005). Therefore, in accordance with the provisions of 40 CFR 86.1844-01(d)(14) including the provisions of 40 CFR Parts 85, 86 and 600,

Ford requests that a Certificate of Conformity be issued for the LDV test group listed in this Application for Certification.

Please contact Tom Beierschmitt at 313-439-5381 or tbeiers1@ford.com if you have any questions regarding this submission.

Sincerely,

DocuSigned by:

Lawrence H. Merritt, Jr.

DF6ED4749EAC46B...

Lawrence H. Merritt, Jr.
Manager, Emissions Certification,
Homologation & Compliance



**Emissions Certification,
Homologation, & Compliance**

**Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W200
Allen Park, Michigan 48101- 2053**

May 13, 2026

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

Dear Ms. Lang,

Ford Motor Company (Ford) herewith submits its Part I Application for Certification for 2027 model year gasoline powered light duty trucks (LDTs) contained in Ford's 50 states test group VFMXT03.0JP1 and evaporative emission family VFMXR0185NDG.

This application aligns with CARB's Manufacturers Advisory Correspondence (MAC) ECCD-2025-8 alternate pathway (1) described on page 2 as follows:

(1) An approved application for CARB certification to the vehicle and engine emission regulations that immediately preceded those covered by the waivers that were targeted by the congressional resolutions.

Ford intends submittal of this certification to facilitate CARB's review in order to ensure timely certification of Ford's vehicles as may be needed in accordance with applicable requirements. Ford is reserving its rights with regard to determining what requirements apply and which requirements can be enforced by CARB.

Tier 3 E10 regular fuel was used for Exhaust and Evaporative emission testing. The FTP certification and in-use standards applicable to this test group for vehicles offered in California are as follows:

Certification & In-Use FTP Standards	Useful Life (mi)	NMOG + NOx (g/mi)	CO (g/mi)	HCHO (g/mi)	PM (g/mi)
LEV-III SULEV30	150K	0.030	1.0	0.004	0.001

This test group meets the Cold CO standard of 12.5 g/mi.

The evaporative emissions certification and in-use standards applicable to this test group are:

Certification & In-Use Evaporative Standards	Useful Life (mi)	Hot Soak + 2-day diurnal (grams per test)	Hot Soak + 3-day diurnal (grams per test)	Running Loss (g/mi)	ORVR (g/gal)	BETP (grams per test)
LEV-III	150K	0.500	0.500	0.05	0.20	0.020

The spit back standard is 1.0 gram per test for this test group.

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this Application are designed to comply with the applicable intermediate and full useful life standards, as described above.

This Part I application for certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # CD-14-19 (LDV/LDT/ICI/LIMO), subject: "Certification Application Reporting Guidance", dated November 24, 2014. This application has also been prepared in accordance with the California Air Resources Board, Final Regulation Order, Amendments to Sections 1960.1, 1960.5, 1961 and 1962 Title 13, California Code of Regulations (As amended August 4, 2005). Therefore, in accordance with the provisions of 40 CFR 86.1844-01(d)(14), including the provisions of 40 CDF Parts 85, 86 and 600, Ford requests that an Executive Order be issued for the LDT test group listed in this Application for Certification.

Additionally, Ford Motor Company is requesting the Air Resources Board approve the following Partial Carryover Application for VFMXT03.0JP1 based on Partial Carryover data from TFMXT03.0JP1 and Executive Order number A-010-2663. By signing this letter, Ford Motor Company is certifying that this model year's application package:

1. Includes no change of the emission standards/FELs, regulation requirements, emission characteristics of the engine, or test procedures requirements.
2. The 2027 application package differs from the 2026 application package only by:

- ☒ Model year
- ☒ Test Group/Engine/Vehicle/Evaporative family name (typically the first character)
- ☐ Manufacturer contact information
- ☒ Projected sales data
- ☐ Model information (may only add models if the certification emission levels are not changed)
- ☒ Part numbers (durable to full useful life and no impact on certification emission levels)
- ☐ Equipment types (i.e. crane, dozer, generator, etc.)

3. All other information in the 2027 application package is identical to the 2026 application package (incorporates all approved running changes to date).
4. The application package is complete and named correctly using the appropriate Document Management System (DMS) file and workflow naming conventions and submitted using the correct workflow process.

Please contact Tom Beierschmitt at 313-439-5381 or tbeiers1@ford.com if you have any questions regarding this submission.

Sincerely,

DocuSigned by:

Lawrence H. Merritt, Jr.

DF6ED4749EAC46B...

Lawrence H. Merritt, Jr.
Manager, Emissions Certification,
Homologation & Compliance

Cc: R. Uyehara
M. Desai



SECTION 15

Other Information

15.00.00.00

		SAP Manual Payment Request (North America)				REF NO: 306184				
NAME AND ADDRESS OF PAYEE Environmental Protection Agency-MVECP U.S. Bank - Government Lockbox 979032 1300 Pennsylvania Ave NW - Washington DC 20004-3002 The requestor is responsible to ensure the supplier code has correct company name, remit to and/or banking information whether the payment is going by check or electronically/ACH. REASON FOR DISBURSEMENT CERTIFICATION FEES - EPA STANDARD ENGINE FAMILY, EXHAUST EMISSION CONTROL SYSTEM						Employee	Ex-Employee / Board of Director	Company Code	Separate Check	Special Handling/ Instruction Key in S4
								Y		
						Supplier Code		Due Date / Baseline Date	Currency	Amount
						GXHSA		ASAP	USD	226,219.00
Alternate Name & Address										
COMMENTS (Shown on Remittance Advice/Not to include PII) 2026 MODEL YEAR CERTIFICATION FEES - (FORMS ATTACHED)										
GL Account	Profit Center	Cost Center	Internal Order	Reference Key1	Reference Key2	INVOICE #	INVOICE DATE	AMOUNT (Bracket Credits)	1099 Tax Type	
63044030	2000005001	1000017919				306184	1/15/2026	226,219.00	N	
								-		
							TOTAL	226,219.00		
Pre-requisites for Payment :						1. Requestors or Approvers to ensure the following - Receipt of Service - Price Validation - Supported by invoice or other documentation 2. <u>Uses of Manual Payment Requests</u> 3. <u>Corporate Approval Authorities - Method of Payment</u>				
TYPE OF INVOICE:		MANUAL PAYMENT REQUEST -PERMISSIBLE USES (use drop down with Alt+down arrow key):				Uses of Manual Payment Requests		Not in Uses of Manual Payment Request		
Requestor						Operations Approval - Receipt of Service				
Preparer/Requestor		CDS ID TOLIVER		Date 1/15/2026		CDS ID LMERRIT2		Date 1/15/2026 Signed by: Lawrence Merritt DF6ED4749EAC46B...		
Approval and Corporate Approval Authorities - Method of Payment										
Payment Item is on Uses of Manual Payment Requests CDS ID Sign Date MBEDOLLA 9B61ABEC83D24AA... 1/15/2026						Payment Item is NOT on Uses of Manual Payment Requests CDS ID Sign Date Finance LL5+ Unlimited				
Finance LL6+ Unlimited										
It is important to protect personal data when retaining and forwarding this Payment Authorization Form and attachments, if any. Every effort must be made to prevent exposure.										
The space below may be used for additional local requirements										

EPA_MVECP_v1

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 01/10/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

FMX

Manufacturer Name *

Ford Motor Company

Contact Name *

Tina Oliver

Contact Email Address *

toliver@ford.com

Contact Phone *

313-323-8938

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 *

VFMXT03.0JP1

Certificate Request Type (Industry Sector or 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 ACH

Comments

Pay.gov Tracking ID: 27UK009B

Cert Engineer: Tom Beierschmitt, 313-439-5381, tbeiers1@ford.com, CDSID: tbeiers1

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).



SECTION 16

Confidential Information



SECTION 17

California ARB Requirements

17.00.00.00

17.00.01.00 – VECI Label

VFMXT03.0JP1

FoMoCo	Ford Motor Company VEHICLE EMISSION CONTROL INFORMATION
Conforms to regulations: 2027 MY	
U.S. EPA: Interim T4B30 LDT3/LDT4	
OBD: CA OBD II Fuel: Gasoline	
California: SULEV30 LDT	
OBD: CA OBD II Fuel: Gasoline	
DFI/WR-HO2S/HO2S/CAC/TWC/TWC+GPF/TC	
No adjustments needed.	
3.0L-Group: VFMXT03.0JP1 Evap: VFMXR0185NDG	
▽ VW7E-9C485- M A J	

VECI Label



SECTION 18

Revisions

18.00.00.00

2027 APPLICATION REVISIONS

VFMXT03.0JP1

NO.	DATE	PAGE(S)	DESCRIPTION
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Test Group: VFMXT03.0JP1
Issued: 5/10/2026
Revised:

INI

Application for Certification

Part 2