

Application for Certification

Part 1

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
CALIFORNIA AIR RESOURCES BOARD
MOBILE SOURCE CERTIFICATION AND COMPLIANCE FEE PAYMENT FORM FOR ON-ROAD APPLICATIONS ONLY

CARB USE ONLY

Invoice Name	MSF250720-2
Invoice Date	Mar 13, 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

Row Number	Previous Unique Application Identifier	Previously Selected Category Type	Previously Selected Fee Type	Paid Amount	Corrected Unique Application Identifier	Corrected Category Type	Corrected Fee Type	Corrected Amount	Amount Due
1	VFMXT03.0TPC	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.0TPC	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
2	VFMXT03.57AV	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.57AV	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
3	VFMXT03.54HT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.54HT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
4	VFMXT03.57AT	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00	VFMXT03.57AT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 25,154.00
5	VFMXT02.34K2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT02.34K2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
6	VFMXT03.0JP1	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00	VFMXT03.0JP1	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00	\$ 0.00
		Light-duty vehicle test group and				Light-duty vehicle test group and			
7	VFMXT02.02JF	medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT02.02JF	medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
8	VFMXT02.34K4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT02.34K4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
9	VFMXT03.33F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.33F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
10	VFMXT03.51F2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.51F2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
11	VFMXT03.01HS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.01HS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
12	VFMXT03.57A7	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.57A7	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
13	VFMXT03.57A8	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.57A8	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
14	VFMXT03.01EW	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.01EW	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
15	VFMXT03.54JK	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.54JK	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
16	VFMXT05.03DP	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT05.03DP	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
17	VFMXT05.2AHS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT05.2AHS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
18	VFMXT03.51F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT03.51F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
19	VFMXT01.52X4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	VFMXT01.52X4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00	\$ 0.00
		Light-duty vehicle test				Light-duty vehicle test			

46	VFMXV00.0PLR	application submitted	Full Refund (100%)	\$ 0.00	VFMXV00.0PLR	application submitted	Full Refund (100%)	\$ 0.00	\$ 0.00
Total Invoice (MSF250720-1) Paid				\$ 1,049,476.00	Total Corrected				\$ 1,074,830.00
					Total Due				\$ 25,154.00

Notes
 Changed fee type for VFMXT03.57AT from Partial Carry-Over to Base Fee.

I, David .. attest that any information provided is true, accurate, and complete.
 (Responsible Party Signature Here)

From: [Landt, Michael \(M.R.\)](#)
To: [Oliver, Tina \(T.A.\)](#); [Pietron, Mark \(M.S.\)](#)
Subject: FW: MS Fee Payment Confirmation for Invoice MSF250720-2
Date: Wednesday, April 8, 2026 3:37:22 PM
Attachments: [MSF250720-2 - signed.pdf](#)

Attached invoice has been received by CARB. Let me know if you need anything further.

Best Regards,

Mike Landt
mlandt1@ford.com
248-302-5069

From: noreply@salesforce.com <noreply@salesforce.com> **On Behalf Of** California Air
Sent: Wednesday, April 8, 2026 1:06 PM
To: Landt, Michael (M.R.) <mlandt1@ford.com>
Subject: MS Fee Payment Confirmation for Invoice MSF250720-2

WARNING: This message originated outside of Ford Motor Company

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

[Report Suspicious](#) 

Dear Tina Oliver

Attached is documentation for your MS Fee payment for Invoice Name MSF250720-2.
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 – N/A
2. Date of Payment – 3/24/2026
3. Payment Status - Paid





FORD MOTOR COMPANY
APPLICATION FOR CERTIFICATION - PART 1

2027 Model Year

Test Group:	VFMXT03.0TPC
Durability Group:	VFMXGPGNNE6A
Evap. Families:	VFMXR0185NDG
Test Group Description:	3.0L, LDT3, LDT4
Durability Group Description:	Four Stroke, Otto Cycle, Gasoline Fueled, Turbocharged, Catalyst Code E
Carlines Covered:	AVIATOR AWD AVIATOR RWD EXPLORER AWD EXPLORER RWD EXPLORER TREMOR AWD INTERCEPTOR UTILITY AWD
Federal Applicable Standards:	Federal Exhaust - Interim Tier 4 Bin 30 Federal Evap - Tier 3 FTP CH ₄ - 0.030 g/mi FTP N ₂ O - 0.010 g/mi FTP PM - 0.003 g/mi FTP NMOG+NOX - 0.030 g/mi US06 PM - 0.006 g/mi COLD CO - Cold NMHC - 0.3 g/mi SFTP NMOG+NO _x - 0.040 g/mi
California Applicable Standards:	California Exhaust - LEV-III SULEV30 California Evap - LEV-III FTP NMOG+NOX - 0.030 g/mi

Vehicles Tested

Exhaust Emission Vehicle:		Evaporative Emission Vehicle:	
VTW1-3.0-J-320/Config 0		LTH1-3.5-J-435/Config 0 (VFMXR0185NDG)	
FTP (E10) TN	VFMX91006707	BETP	LFMX10060474
HWY (E10) TN	VFMX91006709	VTW1-3.0-J-456/Config 0 (VFMXR0185NDG)	
US06 (E10) TN	VFMX91006708	2Day TN	TFMX10092766
SC03 (E10) TN	VFMX10092949	3Day TN	TFMX10092767
Cold CO (E10) TN	VFMX10092950	Linking TN	TFMX10092765
		ORVR	TFMX10092785
		RL TN	TFMX10092769

Release Date: September 21, 2026

For Questions, Contact:

Perez, David, dperez92@ford.com (248-3025069)



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

03.00.00.00

03.00.01.00 Evaporative Family and Calibration Parameters

Evaporative Family Name: VFMXR0185NDG

2027 MY 3.0L GTDI Explorer / Aviator / Police Interceptor Utility

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	VFMXT03.0TPC	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	05/12/2026 12:12:25 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	LDT4, LDT3
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	VFMXGPGNNE6A	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
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	--		
Mfr Test Group Comments	City Litmus Value = 16.4, City Litmus Threshold Value = 16, Highway Litmus Value = 21.2, Highway Litmus Value = 19.7		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VFMXT03.0TPC	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		VFMXT03.0TPC		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	2 - Lincoln	147 - AVIATOR AWD	Federal	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	164 - EXPLORER AWD	California + CAA Section 177 states	Part-time 4-Wheel Drive	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	164 - EXPLORER AWD	Federal	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	167 - INTERCEPTOR UTILITY AWD	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	10	Yes
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	146 - AVIATOR RWD	Federal	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	Automatic	10	Yes
Ford Motor Company	1 - Ford	167 - INTERCEPTOR UTILITY AWD	Federal	Part-time 4-Wheel Drive	Automatic	10	Yes
Ford Motor Company	1 - Ford	66 - EXPLORER TREMOR AWD	California + CAA Section 177 states	Part-time 4-Wheel Drive	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	163 - EXPLORER RWD	Federal	2-Wheel Drive, Rear	Automatic	10	Yes
Ford Motor Company	1 - Ford	66 - EXPLORER TREMOR AWD	Federal	Part-time 4-Wheel Drive	Automatic	10	Yes
Ford Motor Company	1 - Ford	164 - EXPLORER AWD	Federal	Part-time 4-Wheel Drive	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	147 - AVIATOR AWD	California + CAA Section 177 states	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	

Certification Summary Information Report

Test Group	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
After Treatment Device(s) (ATD)			
ATD Number	ATD Type	ATD Precious Metal	Substrate Material
1	Three-way catalyst	Palladium + Rhodium	Ceramic
2	Three-way catalyst	Palladium + Rhodium	Ceramic
3	Three-way catalyst	Platinum + Rhodium	Ceramic
4	Three-way catalyst	Platinum + Rhodium	Ceramic
Mfr After Treatment Device (ATD) Comments			
--			
Direct Ozone Reduction (DOR) Device			
Not Equipped			
Mfr Emission Control Device Comments			
DFI / WR-HO2S / HO2S / CAC / TWC / TC			
Engine Configuration Number 1			
Engine Displacement (liters)	3.0	Engine Rated Horsepower	400
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		
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	--		

Certification Summary Information Report

Test Group		VFMXT03.0TPC				Evaporative/Refueling Family			VFMXR0185NDG		
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		VFMX91006707	VFMX91006708	VFMX10092949	VFMX10092950	VFMX91006709	45.3	16.5	86.0	21.3	--
SFTP LEV-III Official Test Numbers											
Test Group Fuel		FTP		US06		SC03					
Gasoline		VFMX91006707		VFMX91006708		VFMX10092949					

Certification Summary Information Report

Test Group	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
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Emission Data Vehicle Information

Vehicle ID / Configuration	LTH1-3.5-J-435 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	LFMXD03.56BZ	Original Evaporative/Refueling Family	LFMXR0185NDJ
Original Test Vehicle Model Year	2020		

Vehicle Model

Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	T150 Transit Van <10K
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Leak Family Details

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

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	LTTHURNK00	Rated Horsepower	315
Displacement (liters)	3.5		
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)	8124	Equivalent Test Weight (pounds)	9000
GVWR (lbs)	9950	N/V Ratio	29.4
Axle Ratio	3.73		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Dynamometer Coefficients:

Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	66.02	0.3429	0.0793	37.91	0.1103	0.07869	37.5
US06	66.02	0.3429	0.0793	37.91	0.1103	0.07869	N/A

Certification Summary Information Report

Test Group	VFMXT03.0TPC	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> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value</th> </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	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG						
Emission Data Vehicle Information									
Vehicle ID / Configuration	VTW1-3.0-J-320 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	VFMXT03.0TPC	Original Evaporative/Refueling Family	VFMXR0185NDG						
Original Test Vehicle Model Year	2027								
Vehicle Model									
Represented Test Vehicle Make	FORD	Represented Test Vehicle Model	EXPLORER TREMOR AWD						
Leak Family Details									
Leak Family Identifier	001	Leak Family Name	VFMXR0185NDG-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	VCTWYXNE00	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						

Page 9 of 40 CSI Submission/Revision Date: 05/12/2026 12:12:25 PM

Certification Summary Information Report

Test Group	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
Test #	VFMX10092950	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	11/26/2025	Fuel	Gasoline
Fuel Batch ID	375-B	Fuel Calibration Number	76
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	3932	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	VFMXT03.0TPC	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>588.064623</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>3.5104</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>14.650549</td><td>14.650549</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.0609823</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>0.4037776</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>496.081996</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>17.566009</td><td>17.566009</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.0016058</td><td>--</td></tr><tr><td>NMOG BAG 2 (Bag 2 Non-methane organic gases)</td><td>0.001817</td><td>--</td></tr><tr><td>CO2 BAG 3 (Bag 3 Carbon Dioxide)</td><td>431.662598</td><td>--</td></tr><tr><td>CO BAG 3 (Bag 3 Carbon Monoxide)</td><td>0.0291</td><td>--</td></tr><tr><td>FE BAG 3 (Bag 3 Fuel Economy)</td><td>20.169669</td><td>20.169669</td></tr><tr><td>CH4 BAG 3 (Bag 3 Methane)</td><td>0.0041656</td><td>--</td></tr><tr><td>NMOG BAG 3 (Bag 3 Non-methane organic gases)</td><td>0.0008898</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.014623</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.77</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>0.522899</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-0.020612</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>0.960243</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>17.5</td><td>17.5</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.011454</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.08</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.084762</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.092875</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)	588.064623	--	CO BAG 1 (Bag 1 Carbon Monoxide)	3.5104	--	FE BAG 1 (Bag 1 Fuel Economy)	14.650549	14.650549	CH4 BAG 1 (Bag 1 Methane)	0.0609823	--	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.4037776	--	CO2 BAG 2 (Bag 2 Carbon Dioxide)	496.081996	--	CO BAG 2 (Bag 2 Carbon Monoxide)	0.0594	--	FE BAG 2 (Bag 2 Fuel Economy)	17.566009	17.566009	CH4 BAG 2 (Bag 2 Methane)	0.0016058	--	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.001817	--	CO2 BAG 3 (Bag 3 Carbon Dioxide)	431.662598	--	CO BAG 3 (Bag 3 Carbon Monoxide)	0.0291	--	FE BAG 3 (Bag 3 Fuel Economy)	20.169669	20.169669	CH4 BAG 3 (Bag 3 Methane)	0.0041656	--	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0008898	--	METHANE (CH4 - Methane)	0.014623	--	CO (Carbon Monoxide)	0.77	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.522899	--	DT-EER (Drive Trace Energy Economy Rating)	-0.020612	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.960243	--	MFR FE (Manufacturer Fuel Economy)	17.5	17.5	NOX (Nitrogen Oxide)	0.011454	--	HC-NM (Non-methane Hydrocarbon)	0.08	--	NMOG (Non-methane organic gases)	0.084762	--	HC-TOTAL (Total Hydrocarbon)	0.092875	--	
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Certification Summary Information Report

Test Group		VFMXT03.0TPC				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 4 Bin 30	CO	0.77	--	--	--	--	--	0.8	12.5	Pass
Fed	120,000 miles	Federal Tier 4 Bin 30	HC-NM	0.08	--	--	--	--	--	0.1	0.3	Pass
CA	50,000 miles	California LEV-III SULEV30	CO	0.77	--	--	--	--	--	0.8	12.5	Pass

Certification Summary Information Report

Test Group	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
Test #	VFMX91006707	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	02/25/2026	Fuel	Gasoline
Fuel Batch ID	43732	Fuel Calibration Number	2
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4130	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	VFMXT03.0TPC	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>436.2476196</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>0.7043865</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.0108418</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>0.0314835</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>414.7987976</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>0</td><td>--</td></tr><tr><td>FE BAG 2 (Bag 2 Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.0029746</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>384.1795654</td><td>--</td></tr><tr><td>CO BAG 3 (Bag 3 Carbon Monoxide)</td><td>0</td><td>--</td></tr><tr><td>FE BAG 3 (Bag 3 Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>CH4 BAG 3 (Bag 3 Methane)</td><td>0.0040101</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>0.0048869</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.1457941</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>0.6760577</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-0.4293752</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>1.3782084</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.0096852</td><td>--</td></tr><tr><td>N2O (Nitrous Oxide)</td><td>0.000815</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.005923</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.0065043</td><td>--</td></tr><tr><td>PM (Particulate Matter)</td><td>0.0005678</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.009875</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)	436.2476196	--	CO BAG 1 (Bag 1 Carbon Monoxide)	0.7043865	--	FE BAG 1 (Bag 1 Fuel Economy)	999	--	CH4 BAG 1 (Bag 1 Methane)	0.0108418	--	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0314835	--	CO2 BAG 2 (Bag 2 Carbon Dioxide)	414.7987976	--	CO BAG 2 (Bag 2 Carbon Monoxide)	0	--	FE BAG 2 (Bag 2 Fuel Economy)	999	--	CH4 BAG 2 (Bag 2 Methane)	0.0029746	--	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--	CO2 BAG 3 (Bag 3 Carbon Dioxide)	384.1795654	--	CO BAG 3 (Bag 3 Carbon Monoxide)	0	--	FE BAG 3 (Bag 3 Fuel Economy)	999	--	CH4 BAG 3 (Bag 3 Methane)	0.0040101	--	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0	--	METHANE (CH4 - Methane)	0.0048869	--	CO (Carbon Monoxide)	0.1457941	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.6760577	--	DT-EER (Drive Trace Energy Economy Rating)	-0.4293752	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.3782084	--	MFR FE (Manufacturer Fuel Economy)	999	--	NOX (Nitrogen Oxide)	0.0096852	--	N2O (Nitrous Oxide)	0.000815	--	HC-NM (Non-methane Hydrocarbon)	0.005923	--	NMOG (Non-methane organic gases)	0.0065043	--	PM (Particulate Matter)	0.0005678	--	HC-TOTAL (Total Hydrocarbon)	0.009875	--	
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Manufacturer Test Comments	None Unrounded Result for the following test results were modified by Verify: FE BAG 3, FE BAG 1, MFR FE, FE BAG 2																																																																																					

Certification Summary Information Report

Test Group		VFMXT03.0TPC			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 4 Bin 30	CO	0.15	--	--	--	--	--	0.2	1.0	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	CO-COMP	0.10	--	--	--	--	--	0.1	4.2	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	CREE	411	--	--	--	0	--	411	--	--
Fed	150,000 miles	Federal Tier 4 Bin 30	METHANE	0.0049	--	--	--	--	--	0.005	0.030	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	N2O	0.0008	--	--	--	--	--	0.001	0.010	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG	0.0065	--	1.1	--	--	--	0.006	999.999	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX	0.0162	--	--	--	--	--	0.016	0.030	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX-COMP	0.0114	--	--	--	--	--	0.011	0.040	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NOX	0.0097	--	--	--	--	--	0.010	999.999	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	PM	0.0006	--	--	--	--	--	0.001	0.003	Pass
CA	150,000 miles	California LEV-III SULEV30	CO	0.15	--	--	--	--	--	0.2	1.0	Pass
CA	150,000 miles	California LEV-III SULEV30	CO-COMP	0.10	--	--	--	--	--	0.1	4.2	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG	0.0065	--	1.1	--	--	--	0.006	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX	0.0162	--	--	--	--	--	0.016	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX-COMP	0.0114	--	--	--	--	--	0.011	0.040	Pass
CA	150,000 miles	California LEV-III SULEV30	NOX	0.0097	--	--	--	--	--	0.010	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	PM	0.0006	--	--	--	--	--	0.001	0.003	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	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG																																				
Test #	VFMX91006709	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	02/25/2026	Fuel	Gasoline																																				
Fuel Batch ID	43732	Fuel Calibration Number	2																																				
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined																																				
Verify Test Lab ID	--																																						
E10 Evaporative Test Measurement Method	--																																						
Test Start Odometer Reading	4141	Odometer Units	M																																				
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--																																				
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Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																																				
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Manufacturer Test Comments	None																																						

Certification Summary Information Report

Test Group		VFMXT03.0TPC			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 4 Bin 30	CREE	281	--	--	--	0	--	281	--	--
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG	0.0000	--	1.03	--	--	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX	0.0015	--	--	--	--	--	0.002	0.030	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NOX	0.0015	--	--	--	--	--	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	0.0015	--	--	--	--	--	0.002	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	NOX	0.0015	--	--	--	--	--	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	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
Test #	VFMX91006708	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	02/25/2026	Fuel	Gasoline
Fuel Batch ID	43732	Fuel Calibration Number	2
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4166	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	VFMXT03.0TPC	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>688.0496826</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>0.1350352</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.0058142</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>0.0077784</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>395.6840515</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>0.119312</td><td>--</td></tr><tr><td>FE BAG 2 (Bag 2 Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.0046216</td><td>--</td></tr><tr><td>NMOG BAG 2 (Bag 2 Non-methane organic gases)</td><td>0.0080092</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.0048895</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.1228437</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>-0.7288254</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-1.4008846</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>0.1463902</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>999</td><td>--</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.0058214</td><td>--</td></tr><tr><td>N2O (Nitrous Oxide)</td><td>0.0012035</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.0077256</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.0079574</td><td>--</td></tr><tr><td>PM (Particulate Matter)</td><td>0.000561</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.0126313</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)	688.0496826	--	CO BAG 1 (Bag 1 Carbon Monoxide)	0.1350352	--	FE BAG 1 (Bag 1 Fuel Economy)	999	--	CH4 BAG 1 (Bag 1 Methane)	0.0058142	--	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0077784	--	CO2 BAG 2 (Bag 2 Carbon Dioxide)	395.6840515	--	CO BAG 2 (Bag 2 Carbon Monoxide)	0.119312	--	FE BAG 2 (Bag 2 Fuel Economy)	999	--	CH4 BAG 2 (Bag 2 Methane)	0.0046216	--	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0080092	--	METHANE (CH4 - Methane)	0.0048895	--	CO (Carbon Monoxide)	0.1228437	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.7288254	--	DT-EER (Drive Trace Energy Economy Rating)	-1.4008846	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.1463902	--	MFR FE (Manufacturer Fuel Economy)	999	--	NOX (Nitrogen Oxide)	0.0058214	--	N2O (Nitrous Oxide)	0.0012035	--	HC-NM (Non-methane Hydrocarbon)	0.0077256	--	NMOG (Non-methane organic gases)	0.0079574	--	PM (Particulate Matter)	0.000561	--	HC-TOTAL (Total Hydrocarbon)	0.0126313	--
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Manufacturer Test Comments None Unrounded Result for the following test results were modified by Verify: FE BAG 1, MFR FE, FE BAG 2																																																																								
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail																																																												
Fed	150,000 miles	Federal Tier 4 Bin 30	PM	0.0006	--	--	--	--	--	0.001	0.006	Pass																																																												
CA	150,000 miles	California LEV-III SULEV30	PM	0.0006	--	--	--	--	--	0.001	0.006	Pass																																																												

Certification Summary Information Report

Test Group	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
Test #	VFMX10092949	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	11/19/2025	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	3910	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)	0.005928	--
CO (Carbon Monoxide)	0.029115	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.532196	--
DT-EER (Drive Trace Energy Economy Rating)	-0.329909	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.291107	--
MFR FE (Manufacturer Fuel Economy)	17	17
NOX (Nitrogen Oxide)	0.004613	--
HC-NM (Non-methane Hydrocarbon)	0.000475	--
NMOG (Non-methane organic gases)	0.000522	--
HC-TOTAL (Total Hydrocarbon)	0.006816	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	514	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	513.7	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	VFMXT03.0TPC	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	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	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, 4k Emissions Components)

Test #	TFMX10092766	Test Procedure	23 - 2-day evap
Exhaust Test # for this Evap Test	TFMX10092765	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	10/01/2025	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	4108	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)	0.2048	--
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2048	--

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	0.2048	0.0000	0.205	0.500	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE	0.2048	0.0000	0.205	0.500	Pass

Certification Summary Information Report

Test Group	VFMXT03.0TPC	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

Test Group	VFMXT03.0TPC	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	VFMXT03.0TPC	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												
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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	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG						
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		VFMXT03.0TPC			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	VFMXT03.0TPC	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	VFMXT03.0TPC	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	VFMXT03.0TPC	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	VFMXT03.0TPC	Evaporative/Refueling Family	VFMXR0185NDG
Fuel Properties			
Fuel Batch ID	43732	Fuel Calibration Number	2
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	06/13/2025
Fuel Batch Calibration Effective Date	06/13/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.749
Fuel Ethanol Volume Percent (%)	9.6	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17885
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.37	Fuel Carbon Mass Fraction (E10)	0.83
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.828	Weight Fraction CO2	--
Fuel Batch ID	375-B	Fuel Calibration Number	76
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	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	0.745
Fuel Ethanol Volume Percent (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	42.861	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	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	--

Certification Summary Information Report

Test Group		VFMXT03.0TPC			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 4 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
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
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	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	--	--	--	--	--	--	--	0.003

Certification Summary Information Report

Test Group		VFMXT03.0TPC			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 4 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

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

Certification Summary Information Report

Test Group	VFMXT03.0TPC				Evaporative/Refueling Family			VFMXR0185NDG	
Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Both	
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 4 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	Federal				Cert/In-Use Code			Both	
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)				Standard Level			Federal Tier 4 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

Evaporative/Refueling Standards

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	

Certification Summary Information Report

Test Group		VFMXT03.0TPC		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		California + CAA Section 177 states	
Cert/In-Use Code		Both		Standard Level		California LEV-III Zero Evap (Option 2)	
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		
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		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		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		VFMXT03.0TPC		Evaporative/Refueling Family		VFMXR0185NDG	
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		
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		Evap Canister Bleed Test					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL	--	0.020	0		

Certification Summary Information Report

Test Group		VFMXT03.0TPC	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		VFMXT03.0TPC	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		VFMXT03.0TPC	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		VFMXT03.0TPC	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 the Common Section for
Statements of Compliance.

Statement of Compliance

Statement of Compliance for Test Group (VFMXT03.0TPC)

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 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.



SECTION 12

Description of Vehicles Covered by Certificate and Testing Parameters

12.00.01.00 Common Family Parameters

Test Group: VFMXT03.0TPC - 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)	400 @ 5500 RPM
SAE net torque ft-lb @ RPM	415 @ 2750 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	N/A
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
VCTVYXND05 VCTWYXND05 VCTWYXNE05 VCTWYXNF05 VCTWYXNP05	TFMXR0185NDG	50S	A/T	0.020	AVIATOR AWD, AVIATOR RWD, EXPLORER AWD, EXPLORER RWD, EXPLORER TREMOR AWD, INTERCEPTOR UTILITY AWD
VCTVYXND06 VCTWYXND06 VCTWYXNE06 VCTWYXNF06 VCTWYXNP06	TFMXR0185NDG	50S	A/T	0.020	AVIATOR AWD, AVIATOR RWD, EXPLORER AWD, EXPLORER RWD, EXPLORER TREMOR AWD, INTERCEPTOR UTILITY 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
<u>ELECTRONICS – PCM²</u>				
<u>FUEL</u>				
Fuel Injector	Signal from PCM	Fuel Flow	N/A	Static Flow Rate: 18.0 +/- 0.58 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: 260 L/H @ 12V, 500 kPa
Torque Based Electronic Throttle Control	Signal from PCM	None	Operates in FTP	Throttle Diameter: 60.015 mm
<u>Fuel System Control Strategy²</u>				
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 "FN311" or "FN337C" (MultiCore-OL_LAM_PWR_ENR_MIN_M)
Open Loop Delay Timers	Time and Gear	Delay open loop fuel	Allows time for	See Section 16.00.05.00 for delay time

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

			downshift; limit enrichment to unusual conditions	calibration "FN1311" or "HLDTM2" and the maximum open-loop count-up time, "OL_DELAYMAX" (Multicore-OL_TM_PWR_DLY_A_M)
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

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

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: VFMXT03.0TPC

Carline Name	Certification Level	Cert Code	Calibration(s)	PCM Assembly Part #	Date
AVIATOR AWD, AVIATOR RWD	Initial	VCTVYXND0002	VCTVYXND05	PVB5A-12A650-TB	02/23/2026
EXPLORER TREMOR AWD	Initial	VCTWYXND0002	VCTWYXND05	PVB5A-12A650-LB	02/23/2026
EXPLORER AWD, EXPLORER RWD	Initial	VCTWYXNE0002	VCTWYXNE05	PVB5A-12A650-KB	02/23/2026
EXPLORER AWD, EXPLORER RWD	Initial	VCTWYXNF0002	VCTWYXNF05	PVB5A-12A650-MB	02/23/2026
INTERCEPTOR UTILITY AWD	Initial	VCTWYXNP0002	VCTWYXNP05	PVB5A-12A650-NB	02/23/2026
AVIATOR AWD, AVIATOR RWD	Initial	VCTVYXND0003	VCTVYXND06	PVB5A-12A650-TC	04/13/2026
EXPLORER TREMOR AWD	Initial	VCTWYXND0003	VCTWYXND06	PVB5A-12A650-LC	04/13/2026
EXPLORER AWD, EXPLORER RWD	Initial	VCTWYXNE0003	VCTWYXNE06	PVB5A-12A650-KC	04/13/2026
EXPLORER AWD, EXPLORER RWD	Initial	VCTWYXNF0003	VCTWYXNF06	PVB5A-12A650-MC	04/13/2026
INTERCEPTOR UTILITY AWD	Initial	VCTWYXNP0003	VCTWYXNP06	PVB5A-12A650-NC	04/13/2026

****ALL OTHER EXHAUST EMISSION PARTS****

Engine Family: VFMXT03.0TPC

2027 MY 3.0L AVIATOR/EXPLORER/INTERCEPTOR

<u>Part Name</u>	<u>Part Number</u>	<u>Comments</u>
Catalyst	V1M3-5E211-FA V1M3-5E213-FA	
Electronic Throttle Body	JT4E-9F991-AA	
Fuel Injector (DI)	VB5E-9G929-BB	
Fuel Pressure Sensor (High Pressure)	K2GE-9F972-AA	
Fuel Pressure Sensor (Low Pressure)	K2GE-9F972-AA	
Fuel Pump High Pressure	VB5E-9D376-BA	
Heated Air/Fuel Sensor (WR-HO2S)	R1MA-9Y460-BB R1MA-9Y460-CB	
Heated Oxygen Sensor (CMS)	R1MA-9G444-BB	
PCV Valve	KR3E-6A666-BA	
Turbo Charger	PB5E-6C879-AB PB5E-6K682-AB	
Fuel Pump Low Pressure	JL34-9350-AA	
Intake Air Temperature Sensor (IAT)	DS7A-12A697-AA	

2027 TEST VEHICLE REQUIREMENTS

	Evaporative Emission Vehicle	Exhaust Emission Vehicle	Evaporative Emission Vehicle
Test Group	LFMXD03.56BZ	VFMXT03.0TPC	TFMXT03.0JP1
Evap Emission Family	LFMXR0185NDJ	VFMXR0185NDG	TFMXR0185NDG
Displacement	3.5L	3L	3L
Engine Code	LTTHURNK00	VCTWYXNE00	VCTVYXNA00
Fuel Tank Capacity	24.7 Gal	21.8 Gal	21.8 Gal
Exhaust Control System	TWC/WR-HO2S/HO2S/EGR/SFI/DFI	DFI/WR-HO2S/HO2S/CAC/TWC/TC	CAC/DFI/GPF/HO2S/TC/TWC/WR-HO2S
Model	T150 Transit Van <10K	EXPLORER TREMOR AWD	AVIATOR AWD
Transmission	Semi-Auto-10	Semi-Auto-10	Semi-Auto-10
Equivalent Test Weight	9000.0	5000.0	5500.0
Curb Weight	8124.0	4770.0	5188.0
GVWR	9950.0	6010.0	6450.0
THP/DPA	37.5 / f0=66.02, f1=0.3429, f2=0.0793	17.4 / f0=43.76, f1=0.1764, f2=0.03106	16.5 / f0=35.52, f1=0.5931, f2=0.02334
Axle Ratio	3.73	3.58	3.58
N/V Ratio - RPM/MPH	29.4	25.0	25.8
Tires	235/65R16C	P265/65R18	275/40R22 107W
Vehicle ID No	LTH1-3.5-J-435	VTW1-3.0-J-320	VTW1-3.0-J-456
Configuration Number	0	0	0
Model Year	2020	2027	2026

Vehicle Description Report

Test Group: VFMXT03.0TPC

ID Number	5304169	5306341	5304171	5306340	5305652	5306261	5305656	5306264
Displacement	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Cert Code	VCTVYXND0002	VCTVYXND0003	VCTVYXND0002	VCTVYXND0003	VCTWYXNE0002	VCTWYXNE0003	VCTWYXNF0002	VCTWYXNF0003
Fuel Tank(s)	X2	X2	X2	X2	X2	X2	X2	X2
Carline	AVIATOR AWD	AVIATOR AWD	AVIATOR RWD	AVIATOR RWD	EXPLORER AWD	EXPLORER AWD	EXPLORER AWD	EXPLORER AWD
Wheel Configuration	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Body Style	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door
Wheelbase	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1
Transcode Combo	ETB	ETB	ETB	ETB	ETB	ETB	ETB	ETB
Curb Weight	5118	5118	4904	4904	4755	4755	4721	4721
ETW	5500	5500	5250	5250	5000	5000	5000	5000
Loaded Weight LVW	5418	5418	5204	5204	5055	5055	5021	5021
ALVW-ETW	6000	6000	5500	5500	5500	5500	5500	5500
Adj. Loaded Weight	5792	5792	5617	5617	5478	5478	5435	5435
GVWR	6465	6465	6330	6330	6200	6200	6150	6150
GCWR	12200	12200	12100	12100	10800	10800	10800	10800
Min Axle Ratio	3.58	3.58	3.58	3.58	3.58	3.58	3.31	3.31
Max Axle Ratio	3.58	3.58	3.58	3.58	3.58	3.58	3.31	3.31
Min N/V Ratio	25.5	25.5	25.5	25.5	25.7	25.7	23.8	23.8
Max N/V Ratio	25.8	25.8	25.8	25.8	25.7	25.7	23.8	23.8
Emission Vehicle Class	LDT4	LDT4	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	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	255/55R20 - 25.5	255/55R20 - 25.5	255/55R20 - 25.5	255/55R20 - 25.5	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 23.8
Max Tire Size	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 23.8
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	2241	2241	2224	2224
DAW Empty Tank	2394	2394	2349	2349	2148	2148	2131	2131

Vehicle Description Report

Test Group: VFMXT03.0TPC

ID Number	5305653	5306262	5305658	5306263	5305649	5306260	5305659	5306265
Displacement	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Cert Code	VCTWYXNE0002	VCTWYXNE0003	VCTWYXNF0002	VCTWYXNF0003	VCTWYXND0002	VCTWYXND0003	VCTWYXNP0002	VCTWYXNP0003
Fuel Tank(s)	X2	X2	X2	X2	X2	X2	X2	X2
Carline	EXPLORER RWD	EXPLORER RWD	EXPLORER RWD	EXPLORER RWD	EXPLORER TREMOR AWD	EXPLORER TREMOR AWD	INTERCEPTOR UTILITY AWD	INTERCEPTOR UTILITY AWD
Wheel Configuration	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Body Style	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door Sedan	4 Door Sedan
Wheelbase	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1
Transcode Combo	ETB	ETB	ETB	ETB	ETB	ETB	EUH	EUH
Curb Weight	4628	4628	4593	4593	4791	4791	4756	4756
ETW	5000	5000	5000	5000	5000	5000	5000	5000
Loaded Weight LVW	4928	4928	4893	4893	5091	5091	5056	5056
ALVW-ETW	5250	5250	5250	5250	5500	5500	5500	5500
Adj. Loaded Weight	5344	5344	5306	5306	5401	5401	5628	5628
GVWR	6060	6060	6020	6020	6010	6010	6500	6500
GCWR	10800	10800	10800	10800	10800	10800	10200	10200
Min Axle Ratio	3.58	3.58	3.31	3.31	3.58	3.58	3.31	3.31
Max Axle Ratio	3.58	3.58	3.31	3.31	3.58	3.58	3.31	3.31
Min N/V Ratio	25.7	25.7	23.8	23.8	25.1	25.1	24.3	24.3
Max N/V Ratio	25.7	25.7	23.8	23.8	25.1	25.1	24.3	24.3
Emission Vehicle Class	LDT3	LDT3	LDT3	LDT3	LDT3	LDT3	LDT3	LDT3
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 23.8	P265/65R18 - 25.1	P265/65R18 - 25.1	255/60R18 - 24.3	255/60R18 - 24.3
Max Tire Size	275/45R21 - 25.7	275/45R21 - 25.7	275/45R21 - 23.8	275/45R21 - 23.8	P265/65R18 - 25.1	P265/65R18 - 25.1	255/60R18 - 24.3	255/60R18 - 24.3
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	2225	2225	2206	2206	2255	2255	2242	2242
DAW Empty Tank	2132	2132	2113	2113	2161	2161	2148	2148



SECTION 14

Request for Certification



**Vehicle Homologation & Compliance
Environmental & Safety Compliance**

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

May 12, 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 truck (LDT) contained in Ford's 50 states (Federal/CA) test group VFMXT03.OTPC and evaporative emission family VFMXR0185NDG. Federal Tier 3 E10 Regular Gasoline fuels were used for exhaust emission tests. Tier 3 E10 Regular Gasoline was used for evaporative emission tests.

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

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

This test group also meets the Cold NMHC Family Emission Limit (FEL) of 0.3 gm/mi as part of the compliance plan to meet the corporate fleet average cold NMHC Federal standards. In addition, the SFTP NMOG + NOX Composite and Highway standard value is 0.04 gm/mi at 150K. For CO Composite the standard value is 4.2 gm/mi at 150K. The PM standard value for US06 test is 0.006 gm/mi at 150K.

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

Tier 3	Useful Life	Hot Soak + 2-day diurnal	Hot Soak + 3-day diurnal	Running Loss	ORVR	Bleed Test HC Total
Evaporative Standards VFMXR0185NDG	150k	0.500 g/test	0.500 g/test	0.05 g/mile	0.20 g/gal	0.020 g/test

The Fuel Spitback standard for this test group is 1.0 gram/test.

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. 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 LDT test group listed in this Application for Certification.

Please contact David Perez at dperez92@ford.com, if you have any questions regarding this submission.

Sincerely

DocuSigned by:

Lawrence H. Merritt, Jr.

DF6ED7495AC48D

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



Vehicle Homologation & Compliance
Environmental & Safety Compliance

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

May 12, 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 truck (LDT) contained in Ford's 50 states (Federal/CA) test group VFMXT03.0TPC 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.

The test fuel used is Federal Tier 3 Fuel. The LEV 3 FTP certification exhaust emission standards and In-Use emission standards applicable to this test group for vehicles offered in California are:

Certification and In-Use FTP Standards (g/mi)	Useful Life	NMOG + NOX	CO	PM	HCHO
LEV III SULEV 30	150K	0.030	1.0	0.003	0.004

The LEV III certification and in-use evaporative emission standards applicable to this test group are:

LEV III	Useful Life	Hot Soak + 2-day diurnal	Hot Soak + 3-day diurnal	Running Loss	ORVR	Bleed Test HC Total
Evaporative Standards TFMXR0125GDF	150k	0.500 g/test	0.500 g/test	0.05 g/mile	0.20 g/gal	0.020 g/ test

The Fuel Spitback standard for this test group is 1.0 gram/test.

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 an Executive Order be issued for the LDT test group listed in this Application for Certification.

Please contact David Perez at dperez92@ford.com, if you have any questions regarding this submission.

Sincerely

DocuSigned by:

Lawrence H. Merritt, Jr.

DF6ED4748EAC46B

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

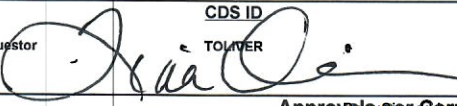
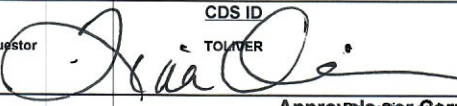
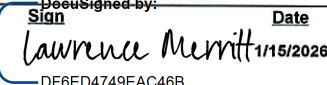
Cc: M. Desai
R. Uyehara



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.				Employee Ex-Employee / Board of Director	Company Code Due Date / Baseline Date	Separate Check Y	Special Handling/ Instruction Key in S4 Amount		
REASON FOR DISBURSEMENT CERTIFICATION FEES - EPA STANDARD ENGINE FAMILY, EXHAUST EMISSION CONTROL SYSTEM				Supplier Code GXHSA	Due Date / Baseline Date ASAP	Currency USD	Amount 226,219.00		
Altenate 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 Preparer/Requestor:  CDS ID:  Date: 1/15/2026				Operations Approval - Receipt of Service Operations Approval:  CDS ID: LMERRIT2 Date: 1/15/2026 DF6ED4749EAC46B...					
Approval and Corporate Approval Authorities - Method of Payment Payment Item is on Uses of Manual Payment Requests CDS ID: MBEDOLLA Sign:  Date: 1/15/2026				Payment Item is NOT on Uses of Manual Payment Requests CDS ID: Sign: Date:					
Finance LL6+ Unlimited				Finance LL5+ 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](#)

Tracking Information

Pay.gov Tracking ID: 27UIB2BT

Agency Tracking ID: 77261589408

* Required Field

General Information

Date: 01/08/2026

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 *

3133238938

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

year.

Engine Family / Evaporative Family / Test Group *

VFMXT03.0TPC

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

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

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

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ICI VIN Number (Required for ICIs Only)

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Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,317.00

Payment Type *

Offline ACH

Comments

David G. Perez Sifuentes, Explorer 3.0L AWD Tremor

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

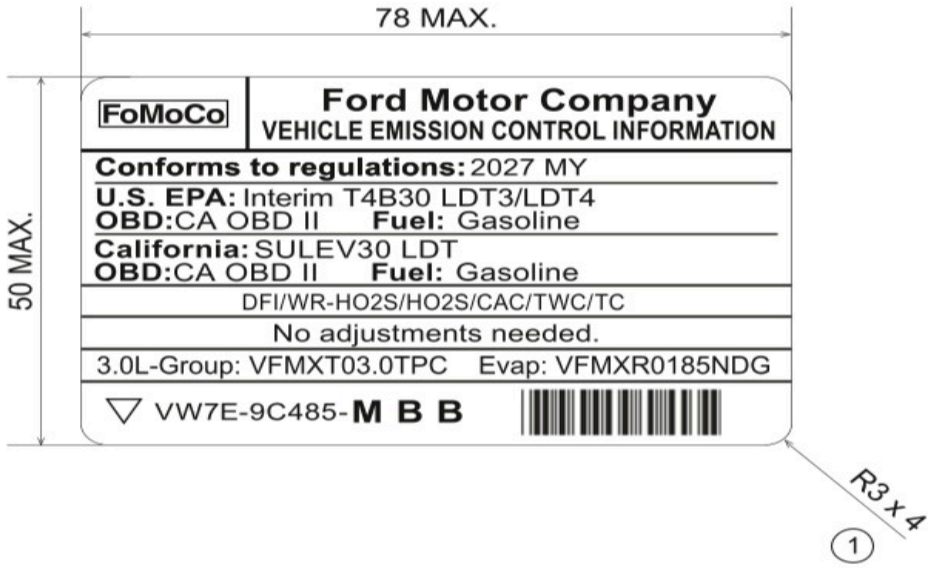
Confidential Information



SECTION 17

California ARB Requirements

VFMXT03.0TPC





SECTION 18

Revisions

18.00.00.00

2027MY APPLICATION REVISIONS

NO.	DATE	PAGE(S)	DESCRIPTION
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Test Group: VFMXT03.0TPC
Issued: 05/12/2026
Revised:

INI

Application for Certification

Part 2