

From: noreply@salesforce.com on behalf of [California Air](#)
To: [Landt, Michael \(M.R.\)](#)
Subject: MS Fee Payment Confirmation for Invoice MSF250720
Date: Monday, February 9, 2026 12:39:51 PM
Attachments: [MSF250720 - signed.pdf](#)

WARNING: This message originated outside of Ford Motor Company

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

Dear Tina Oliver

Attached is documentation for your MS Fee payment for Invoice Name MSF250720. Please include a copy of this invoice and email with each application that is listed when submitting your application to the applicable MS Fee program.

1. Payment ID – 25ATD219
2. Date of Payment – 2/4/2026
3. Payment Status - Paid



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

CARB USE ONLY

Invoice Name	MSF250720
Invoice Date	Jan 21, 2026

COMPANY INFORMATION

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

APPLICATION INFORMATION

Payment Row Number	Product Description or File Name	Model Year/Calendar Year	Unique Application Identifier: Test Group, Engine Family, Trailer Family, Vehicle Family, ZEP Family, if applicable (ID listed in payment row must match the unique identifier given to the certification application)	Category Type	Fee Type	Amount
1	CBI_VFMXT03.0TPC_APPIPT	Model Year 2027	VFMXT03.0TPC	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
2	CBI_VFMXT03.57AV_APPIPT	Model Year 2027	VFMXT03.57AV	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
3	CBI_VFMXT03.54HT_APPIPT	Model Year 2027	VFMXT03.54HT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
4	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT03.57AT	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
5	CBI_VFMXT02.34K2_APPIPT	Model Year 2027	VFMXT02.34K2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
6	OPCARRYOVER_27_VFMXT	Model Year 2027	VFMXT03.0JP1	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
7	CBI_VFMXT02.02JF_APPIPT	Model Year 2027	VFMXT02.02JF	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
8	CBI_VFMXT02.34K4_APPIPT	Model Year 2027	VFMXT02.34K4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
9	CBI_VFMXT03.33F1_APPIPT	Model Year 2027	VFMXT03.33F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00

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

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

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

(Responsible Party Signature Here)

Application for Certification

Part 1



FORD MOTOR COMPANY
APPLICATION FOR CERTIFICATION - PART 1

2027 Model Year

Test Group: VFMXT03.33F1
Durability Group: VFMXHHGVNE2A
Evap. Families: VFMXR0165LDG
Test Group Description: 3.3 Liter V6 TiVCT PFDI - FHEV
Durability Group Description: Four Stroke, Otto Cycle
Gasoline Fueled Hybrid Electric, Port and
Direct Fuel Injection, Catalyst Code E

Applicable Standards:

Federal Exhaust	Interim Tier 4 Bin 30
Federal Evap.	Tier 3
California Exhaust	LEV3 SULEV30
California Evap.	LEV3
CH ₄	0.030 g/mi
N ₂ O	0.010 g/mi
California PM	0.003 g/mi
Federal PM	0.003 g/mi
Federal Cold NMHC	0.3 g/mi
SFTP	0.080 g/mi NMOG+NO _x

Carlines Covered: INTERCEPTOR UTILITY HEV AWD

Vehicles Tested

Exhaust Emission Vehicle:		Evaporative Emission Vehicle:	
RTW1-3.3-J-778/Config 0		LTW1-3.3-L-471/Config 0 (TFMXR0165LDG)	
FTP (E10) TN	SFMX10085214	3Day TN	LFMX10059623
HWY (E10) TN	SFMX10084718	ORVR	LFMX10059621
US06 (E10) TN	SFMX10084719	RL TN	LFMX10059622
SC03 (E10) TN	SFMX10084721	Linking Test	LFMX10059394
Cold CO (E10) TN	SFMX10084722	2Day TN	Attestation

Release Date: September 21, 2026

For Questions, Contact:

Nicole Cuddy, ncuddy1@ford.com, (313) 269-3818



Part 1 Application Index

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

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



SECTION 2

Durability Group Description

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



SECTION 3

Evaporative/Refueling Family Description

03.00.01.00 Evaporative Family and Calibration Parameters

Evaporative Family Name: VFMXR0165LDG

2027 MY 3.3L PFDI Police Interceptor Utility FHEV

<u>Emission Component</u>	<u>Part Number</u>	<u>Specification</u>
Capless Refueling Component Insert	LU5A-9D000-MC	
Vapor Hose with ORVR Recirculation Orifice	L1M3-9D683-GC	Recirc. Orifice Diameter: 2.8 mm
Combo Fuel Limiting Vent Valve & Grade Vent Valve	L1M3-9B190-DA	FLVV Orifice: 11.2 mm GVV Main Orifice: 1.78 mm
Grade Vent Valve	GV61-9B593-BB	GVV Main Orifice: 4.0 mm
Fuel Tank Pressure Sensor	HU5A-9C052-DC	
Carbon Canister	DU5A-9D653-BE	165g BWC 2.6L Total Volume
Tank Pressure Control Valve	HU5A-9Y477-AC	
Refueling Valve	HU5A-9G712-DB	
Canister Purge Valve	EU5A-9G866-BD	85 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	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	05/05/2026 09:17:44 PM
Model Year	2027		

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
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Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

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

Drive Source #2: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Gasoline	Spark Ignition direct & ported injection	No

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	No
Fuel Cell Indicator	No	EPA Vehicle Class	LDT4
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	VFMXHHGVNE2A	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VFMXT03.33F1
Test Group OBD Compliance Level	Partial - with deficiencies	Number of Test Group OBD Deficiencies	3
OBD Deficiencies Comments	--		
Mfr Test Group Comments	EPA City Litmus Value: 14.0 mpg City Threshold: 13.7 mpg. EPA Hwy Litmus Value: 23.0 mpg Hwy Threshold: 21.8 mpg.		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	New	Submission/Correction Date	04/29/2026 10:15:27 AM				
Integrated ORVR?	No	Fuel(s)	Electricity, Gasoline				
Multiple Fuel Storage	Fuels Stored Separately						
Bladder Fuel Tank?	No						
Fuel Tank Material	Plastic	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 HC Trap in Air Induction System				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	1 X 2.6L HA 3-port Rect.				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	165	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	--				
Mfr Evaporative/Refueling Family Comments	--						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	No	Applicability of Evaporative Canister Bleed Test	--				
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				
VFMXR0165LDG-001	50 State	0.02	VFMXR0165LDG-001				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Ford Motor Company	1 - Ford	170 - INTERCEPTOR UTILITY HEV AWD	Federal	Part-time 4-Wheel Drive	Automatic	10	Yes
Ford Motor Company	1 - Ford	170 - INTERCEPTOR UTILITY HEV AWD	California + CAA Section 177 states	Part-time 4-Wheel Drive	Automatic	10	Yes
Engine Description							
Hybrid Type	IC Engine/Electric Motor			Hybrid Description	--		
Engine Type	4-Stroke Spark Ignition			Mfr Engine Description	Gasoline fueled, Port Fuel/Direct Injection Full Hybrid		
Engine Block Arrangement	V-shaped engine			Mfr Engine Block Arrangement Description	3.3L 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	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
After Treatment Device(s) (ATD)			
ATD Number	ATD Type	ATD Precious Metal	Substrate Material
1	Three-way catalyst	Platinum + Palladium + Rhodium	Ceramic
2	Three-way catalyst	Platinum + Palladium + Rhodium	Ceramic
3	Three-way catalyst	Palladium + Rhodium	Ceramic
4	Three-way catalyst	Palladium + Rhodium	Ceramic
Mfr After Treatment Device (ATD) Comments			
--			
Direct Ozone Reduction (DOR) Device			
Not Equipped			
Mfr Emission Control Device Comments			
--			
Engine Configuration Number 1			
Engine Displacement (liters)	3.3	Engine Rated Horsepower	318
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2
Air Aspiration Method	Naturally Aspirated	Number of Air Aspiration Devices	--
Air Aspiration Device Configuration	--	Charge Air Cooler Type	N/A
Air Aspiration Drive Method(s)	--		
Cylinder Deactivation	No		
Cylinder Deactivation Description	--		
Variable Valve Timing	Yes		
Variable Valve Timing System Description	Hydraulic actuated Variable Cam Timing		
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 air fuel	Air/Fuel Sensor # 1 Description	WR-HO2S
Air/Fuel Sensor # 2 Type	Heated air fuel	Air/Fuel Sensor # 2 Description	WR-HO2S
Air/Fuel Sensor # 3 Type	Heated oxygen	Air/Fuel Sensor # 3 Description	--
Air/Fuel Sensor # 4 Type	Heated oxygen	Air/Fuel Sensor # 4 Description	--
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	Yes	Cooled Exhaust Gas Recirculation	No
EGR Type	Electronic/Electric	Exhaust Gas Recirculation Description if 'Other'	--
Closed Loop Air Injection System	No		
Air Injection Type	Not Applicable	Air Injection Type if 'Other'	--
Mfr Engine Configuration Comments	--		

Certification Summary Information Report

Test Group		VFMXT03.33F1		Evaporative/Refueling Family		VFMXR0165LDG				
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	SFMX10085214	SFMX10084719	SFMX10084721	SFMX10084722	SFMX10084718	16.0	228.2	30.2	286.1	1.0
Electricity	--	--	--	--	--	--	--	--	--	--
SFTP LEV-III Official Test Numbers										
Test Group Fuel	FTP		US06		SC03					
Gasoline	SFMX10085214		SFMX10084719		SFMX10084721					
Electricity	--		--		--					
Official Charge Depleting Test Numbers										
Test Group Fuel	UDDS		Highway							
Gasoline	--		--							
Hybrid Electric Vehicle And Fuel Cell Information										
Rechargeable Energy Storage System	Battery(s)		Rechargeable Energy Storage System, if Other		--					
Battery Type	Lithium Ion		Number of Battery Packs		1					
Total Voltage of Battery Packs	280		Battery Energy Capacity		5.2					
Battery Specific Energy	42.9		Battery Charger Type		On-Board					
Number of Capacitors	--		Capacitor Rating (In Farads)		--					
Mfr Capacitor Comments	--									
Hydraulic System Description	--									
Regenerative Braking Type	Electrical Regen Brake		Driver Controlled Regenerative Braking		No					
Regenerative Braking Source	Both									
Mfr Regenerative Braking Description	--									
Drive Motor(s)/Generator(s)	1		Rated Motor/Generator Power		35					
Motor/Generator Type 1	ACPM 3 Phase 3Motor									
Mfr Fuel Cell Description	--		Usable H2 Fill Capacity (kg)		--					
Fuel Cell On-Board H2 Storage Capacity (kg)	--									
Mfr Hybrid Electric/ Electric Vehicle Comments	--									

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
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Emission Data Vehicle Information

Vehicle ID / Configuration	LGA00074 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	LFMXT03.33F1	Original Evaporative/Refueling Family	LFMXR0165LDG
Original Test Vehicle Model Year	2020		

Vehicle Model

Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	Explorer Police FHEV
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Leak Family Details

Leak Family Identifier	001	Leak Family Name	LFMXR0165LDG-001
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline
2	Electric Motor	Electricity

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	No		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	LCTWBPNB08	Rated Horsepower	282
Displacement (liters)	3.3		
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	0	Air Aspiration Device Configuration	--
Charge Air Cooler Type	N/A	Drive Mode While Testing	All Wheel Drive
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	5095	Equivalent Test Weight (pounds)	5500
GVWR (lbs)	6840	N/V Ratio	26.6
Axle Ratio	3.73		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Certification Summary Information Report

Test Group		VFMXT03.33F1			Evaporative/Refueling Family		VFMXR0165LDG	
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	40.61	0.209	0.02977	-13.16	0.05784	0.02864	16.7	
Cold CO	40.61	0.209	0.02977	-13.16	0.05784	0.02864	N/A	
US06	40.61	0.209	0.02977	-13.16	0.05784	0.02864	N/A	
Emission Control Device Comments		T3B70/ULEV70 SFTP-0.070 PM3 CB3 T3e/L3e						
Manufacturer Test Vehicle Comments		Explorer (U625) 3.3L FHEV AWD						

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	LFMX10059394	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	03/30/2019	Fuel	N/A
Fuel Batch ID	373-B	Fuel Calibration Number	37
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4755	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	301.92413	--
FE BAG 1 (Bag 1 Fuel Economy)	28.67246	28.67246
CO2 BAG 2 (Bag 2 Carbon Dioxide)	278.50924	--
FE BAG 2 (Bag 2 Fuel Economy)	31.04901	31.04901
METHANE (CH4 - Methane)	0.00281	--
CO (Carbon Monoxide)	0.40751	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.667095	--
DT-EER (Drive Trace Energy Economy Rating)	-0.754831	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.779271	--
HCHO (Formaldehyde)	0.0001952	--
MFR FE (Manufacturer Fuel Economy)	29.96864	29.96864
NOX (Nitrogen Oxide)	0.00295	--
N2O (Nitrous Oxide)	0.00036	--
HC-NM (Non-methane Hydrocarbon)	0.015777	--
NMOG (Non-methane organic gases)	0.01734	--
HC-TOTAL (Total Hydrocarbon)	0.01842	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	290	999
Optional Carbon-Related Exhaust Emissions	290	999

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
	Test Result Name	Unrounded Test Result	Verify Calculated CO2
	Carbon dioxide	288.57764	--
Manufacturer Test Comments	--		

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG									
Emission Data Vehicle Information												
Vehicle ID / Configuration	LTW1-3.3-L-471 / 0	Manufacturer Vehicle Configuration Number	0									
Original Test Group Name	LFMXT03.33F1	Original Evaporative/Refueling Family	LFMXR0165LDG									
Original Test Vehicle Model Year	2020											
Vehicle Model												
Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	Explorer Police FHEV									
Leak Family Details												
Leak Family Identifier	001	Leak Family Name	LFMXR0165LDG-001									
Drive Sources and Fuel System Details												
	<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> <tr> <td>2</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity	2	Combustion Engine	Gasoline		
Drive Source and Fuel#	Drive Source	Fuel										
1	Electric Motor	Electricity										
2	Combustion Engine	Gasoline										
Hybrid Indicator	Yes											
Multiple Fuel Storage	--	Multiple Fuel Combustion	--									
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes									
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--									
Off-board charge Capable Indicator	No											
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03									
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles											
Odometer Correction Units	Miles											
Engine Code	LCTWBPNB08	Rated Horsepower	282									
Displacement (liters)	3.3											
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'										
Number of Air Aspiration Devices	0	Air Aspiration Device Configuration	--									
Charge Air Cooler Type	N/A	Drive Mode While Testing	Part-time 4-Wheel Drive									
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)									
Curb Weight (lbs)	5095	Equivalent Test Weight (pounds)	5500									
GVWR (lbs)	6840	N/V Ratio	26.6									
Axle Ratio	3.73											
Transmission Type	Semi-Automatic	# of Transmission Gears	6									
Transmission Lockup	Yes	Creep Gear	No									
Dynamometer Coefficients:												
Target Coefficients			Set Coefficients									
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)									
City/Highway/Evap	40.61	0.209	0.02977									
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)									
	22.58	-0.2659	0.03264									
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients									
			16.7									

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG									
Emission Control Device Comments	T3B70/ULEV70 SFTP-0.070 PM3 CB3 T3e/L3e											
Manufacturer Test Vehicle Comments	Explorer (U625) 3.3L FHEV AWD (Used for Evap Only)											
Test #	LFMX10059623	Test Procedure	34 - Federal fuel 3-day evap									
Exhaust Test # for this Evap Test	LFMX10059394	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)									
Test Date	05/31/2019	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	Actual Total Hydrocarbon Equivalent Measurement (with speciation)											
Test Start Odometer Reading	5128	Odometer Units	M									
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--									
State of Charge Delta	No											
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No									
Test Results												
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>OMHCE (Organic material Hydrocarbon Equivalent)</td> <td>0.2138</td> <td>--</td> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.2138</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	OMHCE (Organic material Hydrocarbon Equivalent)	0.2138	--	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2138	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)										
OMHCE (Organic material Hydrocarbon Equivalent)	0.2138	--										
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2138	--										
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	0.2138	0.0000	0.214	0.500	Pass				
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE	0.2138	0.0000	0.214	0.500	Pass				

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	LFMX10059621	Test Procedure	24 - Federal fuel refueling test (ORVR)
Exhaust Test # for this Evap Test	LFMX10059394	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	05/13/2019	Fuel	Gasoline
Fuel Batch ID	373-B	Fuel Calibration Number	39
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5050	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)	0.00239	--
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.00239	--

Manufacturer Test Comments

ORVR Test

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	0.002	0.002	0.00	0.20	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE	0.002	0.002	0.00	0.20	Pass

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	LFMX10059622	Test Procedure	32 - Federal Fuel Running Loss
Exhaust Test # for this Evap Test	LFMX10059394	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	05/31/2019	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	Actual Total Hydrocarbon Equivalent Measurement (with speciation)		
Test Start Odometer Reading	5140	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
OMHCE (Organic material Hydrocarbon Equivalent)	0.000191	--
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.000191	--

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	0.002	0.00	0.05	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	OMHCE	0.000	0.002	0.00	0.05	Pass

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG									
Emission Data Vehicle Information												
Vehicle ID / Configuration	RTW1-3.3-J-778 / 0	Manufacturer Vehicle Configuration Number	0									
Original Test Group Name	SFMXT03.33F1	Original Evaporative/Refueling Family	SFMXR0165LDG									
Original Test Vehicle Model Year	2025											
Vehicle Model												
Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	INTERCEPTOR UTILITY HEV AWD									
Leak Family Details												
Leak Family Identifier	001	Leak Family Name	SFMXR0165LDG-001									
Drive Sources and Fuel System Details												
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> </thead> <tbody> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> <tr> <td>2</td><td>Electric Motor</td><td>Electricity</td></tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline	2	Electric Motor	Electricity
Drive Source and Fuel#	Drive Source	Fuel										
1	Combustion Engine	Gasoline										
2	Electric Motor	Electricity										
Hybrid Indicator	Yes											
Multiple Fuel Storage	--	Multiple Fuel Combustion	--									
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes									
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--									
Off-board charge Capable Indicator	No											
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03									
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles											
Odometer Correction Units	Miles											
Engine Code	SCTWBPNA0001	Rated Horsepower	318									
Displacement (liters)	3.3	Air Aspiration Method, if 'Other'										
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--									
Number of Air Aspiration Devices	0	Drive Mode While Testing	Part-time 4-Wheel Drive									
Charge Air Cooler Type	N/A	Aged Emission Components	150,000 (mi)									
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5500									
Curb Weight (lbs)	5096	N/V Ratio	27.4									
GVWR (lbs)	6840											
Axle Ratio	3.73											
Transmission Type	Automatic	# of Transmission Gears	10									
Transmission Lockup	Yes	Creep Gear	No									

Certification Summary Information Report

Test Group		VFMXT03.33F1			Evaporative/Refueling Family		VFMXR0165LDG	
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	33.93	0.6797	0.02248	-13.47	0.3685	0.02136	16.5	
Cold CO	33.93	0.6797	0.02248	-13.47	0.3685	0.02136	N/A	
US06	33.93	0.6797	0.02248	-13.47	0.3685	0.02136	N/A	
Emission Control Device Comments		--						
Manufacturer Test Vehicle Comments		--						

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	SFMX10084722	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	02/11/2024	Fuel	Gasoline
Fuel Batch ID	375-B	Fuel Calibration Number	51
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	4241	Odometer Units	M
4WD Test Dyno	Yes	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

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	709.3778	--
FE BAG 1 (Bag 1 Fuel Economy)	12.17117	12.17117
CO2 BAG 2 (Bag 2 Carbon Dioxide)	556.603	--
FE BAG 2 (Bag 2 Fuel Economy)	15.59904	15.59904
CO2 BAG 3 (Bag 3 Carbon Dioxide)	480.07899	--
FE BAG 3 (Bag 3 Fuel Economy)	18.09408	18.09408
METHANE (CH4 - Methane)	0.01602	--
CO (Carbon Monoxide)	0.67143	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.42	--
DT-EER (Drive Trace Energy Economy Rating)	0.19	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.79	--
MFR FE (Manufacturer Fuel Economy)	15.3	15.3
NOX (Nitrogen Oxide)	0.0168	--
N2O (Nitrous Oxide)	0.01	--
HC-NM (Non-methane Hydrocarbon)	0.0721	--
NMOG (Non-methane organic gases)	0.0793	--
HC-TOTAL (Total Hydrocarbon)	0.0892	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	568	--

Certification Summary Information Report

Test Group		VFMXT03.33F1				Evaporative/Refueling Family				VFMXR0165LDG			
		Test Result Name		Unrounded Test Result				Verify Calculated CO2					
		Carbon dioxide		567.20417				--					
Manufacturer Test Comments		--											
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail	
Fed	50,000 miles	Federal Tier 4 Bin 30	CO	0.67	--	--	--	--	--	0.7	12.5	Pass	
Fed	120,000 miles	Federal Tier 4 Bin 30	HC-NM	0.07	--	--	--	--	--	0.1	0.3	Pass	
CA	50,000 miles	California LEV-III SULEV30	CO	0.67	--	--	--	--	--	0.7	12.5	Pass	

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	SFMX10085214	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	02/23/2024	Fuel	Gasoline
Fuel Batch ID	373-B	Fuel Calibration Number	83
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	4378	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	587.93206	--	
FE BAG 1 (Bag 1 Fuel Economy)	14.66857	14.66857	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	418.09121	--	
FE BAG 2 (Bag 2 Fuel Economy)	20.67247	20.67247	
METHANE (CH4 - Methane)	0.00676	--	
CO (Carbon Monoxide)	0.44845	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.24	--	
DT-EER (Drive Trace Energy Economy Rating)	0.02	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.21	--	
HCHO (Formaldehyde)	0.000434	--	
MFR FE (Manufacturer Fuel Economy)	17.6	17.6	
NOX (Nitrogen Oxide)	0.007933	--	
N2O (Nitrous Oxide)	0.00036	--	
NMOG (Non-methane organic gases)	0.01507	--	
PM (Particulate Matter)	0.000823	--	
HC-TOTAL (Total Hydrocarbon)	0.02014	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	492	999	

Certification Summary Information Report

Test Group		VFMXT03.33F1			Evaporative/Refueling Family					VFMXR0165LDG		
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		491.12277			--					
Manufacturer Test Comments		--										
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 30	CO	0.45	--	--	--	--	--	0.4	1.0	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	CO-COMP	0.27	--	--	--	--	--	0.3	4.2	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	CREE	999	--	--	--	0	--	999	--	--
Fed	150,000 miles	Federal Tier 4 Bin 30	HCHO	0.0004	--	--	--	--	--	0.000	0.004	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	METHANE	0.0068	--	--	--	--	--	0.007	0.030	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	N2O	0.0004	--	--	--	--	--	0.000	0.010	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG	0.0151	--	1.1	--	--	--	0.015	999.999	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX	0.0230	--	--	--	--	--	0.023	0.030	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX-COMP	0.0164	--	--	--	--	--	0.016	0.080	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NOX	0.0079	--	--	--	--	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	PM	0.0008	--	--	--	--	--	0.001	0.003	Pass
CA	150,000 miles	California LEV-III SULEV30	CO	0.45	--	--	--	--	--	0.4	1.0	Pass
CA	150,000 miles	California LEV-III SULEV30	CO-COMP	0.27	--	--	--	--	--	0.3	4.2	Pass
CA	150,000 miles	California LEV-III SULEV30	HCHO	0.0004	--	--	--	--	--	0.000	0.004	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG	0.0151	--	--	--	--	--	0.015	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX	0.0230	--	--	--	--	--	0.023	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	NMOG+NOX-COMP	0.0164	--	--	--	--	--	0.016	0.080	Pass
CA	150,000 miles	California LEV-III SULEV30	NOX	0.0079	--	--	--	--	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-III SULEV30	PM	0.0008	--	--	--	--	--	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	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG																																	
Test #	SFMX10084718	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	02/15/2024	Fuel	Gasoline																																	
Fuel Batch ID	373-B	Fuel Calibration Number	82																																	
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	4314	Odometer Units	M																																	
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																																	
State of Charge Delta	Yes																																			
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																																	
Test Results																																				
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>METHANE (CH4 - Methane)</td> <td>0.00239</td> <td>--</td> </tr> <tr> <td>CO (Carbon Monoxide)</td> <td>0.03881</td> <td>--</td> </tr> <tr> <td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td> <td>-0.34</td> <td>--</td> </tr> <tr> <td>DT-EER (Drive Trace Energy Economy Rating)</td> <td>0.26</td> <td>--</td> </tr> <tr> <td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td> <td>-0.35</td> <td>--</td> </tr> <tr> <td>MFR FE (Manufacturer Fuel Economy)</td> <td>32</td> <td>32</td> </tr> <tr> <td>NOX (Nitrogen Oxide)</td> <td>0.002015</td> <td>--</td> </tr> <tr> <td>N2O (Nitrous Oxide)</td> <td>0.00005</td> <td>--</td> </tr> <tr> <td>NMOG (Non-methane organic gases)</td> <td>0</td> <td>--</td> </tr> <tr> <td>HC-TOTAL (Total Hydrocarbon)</td> <td>0.00243</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	METHANE (CH4 - Methane)	0.00239	--	CO (Carbon Monoxide)	0.03881	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.34	--	DT-EER (Drive Trace Energy Economy Rating)	0.26	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.35	--	MFR FE (Manufacturer Fuel Economy)	32	32	NOX (Nitrogen Oxide)	0.002015	--	N2O (Nitrous Oxide)	0.00005	--	NMOG (Non-methane organic gases)	0	--	HC-TOTAL (Total Hydrocarbon)	0.00243	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																		
METHANE (CH4 - Methane)	0.00239	--																																		
CO (Carbon Monoxide)	0.03881	--																																		
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.34	--																																		
DT-EER (Drive Trace Energy Economy Rating)	0.26	--																																		
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.35	--																																		
MFR FE (Manufacturer Fuel Economy)	32	32																																		
NOX (Nitrogen Oxide)	0.002015	--																																		
N2O (Nitrous Oxide)	0.00005	--																																		
NMOG (Non-methane organic gases)	0	--																																		
HC-TOTAL (Total Hydrocarbon)	0.00243	--																																		
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CREE/OPT-CREE</th> </tr> </thead> <tbody> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>273</td> <td>999</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	273	999																											
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE																																		
Carbon-Related Exhaust Emissions	273	999																																		
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CO2</th> </tr> </thead> <tbody> <tr> <td>Carbon dioxide</td> <td>273.23191</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	273.23191	--																											
Test Result Name	Unrounded Test Result	Verify Calculated CO2																																		
Carbon dioxide	273.23191	--																																		
Manufacturer Test Comments	--																																			

Certification Summary Information Report

Test Group		VFMXT03.33F1			Evaporative/Refueling Family					VFMXR0165LDG		
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	999	--	--	--	0	--	999	--	--
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	0.0020	--	--	--	--	--	0.002	0.030	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NOX	0.0020	--	--	--	--	--	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	0.0020	--	--	--	--	--	0.002	0.030	Pass
CA	150,000 miles	California LEV-III SULEV30	NOX	0.0020	--	--	--	--	--	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	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	SFMX10084719	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	02/15/2024	Fuel	Gasoline
Fuel Batch ID	373-B	Fuel Calibration Number	82
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	4339	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	661.09809	--	
FE BAG 1 (Bag 1 Fuel Economy)	13.19651	13.19651	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	345.94744	--	
FE BAG 2 (Bag 2 Fuel Economy)	25.21907	25.21907	
METHANE (CH4 - Methane)	0.00697	--	
CO (Carbon Monoxide)	0.2021	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.33	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.9	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-3.01	--	
MFR FE (Manufacturer Fuel Economy)	21	21	
NOX (Nitrogen Oxide)	0.013501	--	
NMOG (Non-methane organic gases)	0.005343	--	
PM (Particulate Matter)	0.000942	--	
HC-TOTAL (Total Hydrocarbon)	0.01265	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	416	--	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	415.88131	--	
Manufacturer Test Comments	--		

Certification Summary Information Report

Test Group		VFMXT03.33F1				Evaporative/Refueling Family				VFMXR0165LDG		
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	0.0009	--	--	--	--	--	0.001	0.006	Pass
CA	150,000 miles	California LEV-III SULEV30	PM	0.0009	--	--	--	--	--	0.001	0.006	Pass

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Test #	SFMX10084721	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	02/09/2024	Fuel	N/A
Fuel Batch ID	373-B	Fuel Calibration Number	82
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4226	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
METHANE (CH4 - Methane)	0.01102	--	
CO (Carbon Monoxide)	0.13879	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.64	--	
DT-EER (Drive Trace Energy Economy Rating)	1.01	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.03	--	
MFR FE (Manufacturer Fuel Economy)	17.6	17.6	
NOX (Nitrogen Oxide)	0.006421	--	
NMOG (Non-methane organic gases)	0.0019	--	
HC-TOTAL (Total Hydrocarbon)	0.01364	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	497	--	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	497.0539	--	
Manufacturer Test Comments	--		

Certification Summary Information Report

Test Group	VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
Fuel Properties			
Fuel Batch ID	373-B	Fuel Calibration Number	82
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	12/22/2023
Fuel Batch Calibration Effective Date	12/22/2023	Fuel Batch Calibration Ineffective Date	12/31/2100
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.752
Fuel Ethanol Volume Percent (%)	10.3	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17862
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.829	Weight Fraction CO2	--
Fuel Batch ID	373-B	Fuel Calibration Number	39
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	05/13/2019
Fuel Batch Calibration Effective Date	05/13/2019	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	0.749
Fuel Ethanol Volume Percent (%)	9.6	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18008
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.83	Weight Fraction CO2	--
Fuel Batch ID	375-B	Fuel Calibration Number	51
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	02/02/2024
Fuel Batch Calibration Effective Date	02/02/2024	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	0.746
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17901
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.829	Weight Fraction CO2	--
Fuel Batch ID	373-B	Fuel Calibration Number	83
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	02/22/2024
Fuel Batch Calibration Effective Date	02/22/2024	Fuel Batch Calibration Ineffective Date	12/31/2100

Certification Summary Information Report

Test Group		VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
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 (%)	9.9		Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17898
Fuel Net Heat of Combustion (E10) (MJ/kg)	--		Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.83		Weight Fraction CO2	--
Fuel Batch ID	373-B		Fuel Calibration Number	37
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)		Fuel Batch Calibration Date	03/19/2019
Fuel Batch Calibration Effective Date	03/19/2019		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	0.749
Fuel Ethanol Volume Percent (%)	9.6		Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17951
Fuel Net Heat of Combustion (E10) (MJ/kg)	--		Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.828		Weight Fraction CO2	--

Certification Summary Information Report

Test Group		VFMXT03.33F1		Evaporative/Refueling Family			VFMXR0165LDG		
Consolidated List of Standards									
Exhaust Standards									
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			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	--	--	--	--	--	--	--	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.030
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	--	0.080
150,000 miles	NOX	--	--	--	--	--	--	--	999.999
150,000 miles	PM	--	--	--	--	--	--	--	0.003
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

Certification Summary Information Report

Test Group		VFMXT03.33F1			Evaporative/Refueling Family			VFMXR0165LDG	
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	--	--	--	--	--	--	--	0.080
150,000 miles	NOX	--	--	--	--	--	--	--	999.999
150,000 miles	OPT-CREE	--	--	--	--	--	--	0	999.999
150,000 miles	PM	--	--	--	--	--	--	--	0.003
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
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

Certification Summary Information Report

Test Group		VFMXT03.33F1			Evaporative/Refueling Family			VFMXR0165LDG		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			California LEV-III SULEV30		
Fuel		Gasoline			Test Procedure			US06		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	PM	--	--	--	--	--	--	--	0.006	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			California LEV-III SULEV30		
Fuel		Gasoline			Test Procedure			HWFE		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	NMOG	--	--	1.03	--	--	--	--	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.030	
150,000 miles	NOX	--	--	--	--	--	--	--	999.999	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			California LEV-III SULEV30		
Fuel		Gasoline			Test Procedure			Cold CO		
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	
Evaporative/Refueling Standards										
Evaporative/Refueling Family		VFMXR0165LDG			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		

Certification Summary Information Report

Test Group		VFMXT03.33F1		Evaporative/Refueling Family		VFMXR0165LDG	
Evaporative/Refueling Family		VFMXR0165LDG		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	0.002		
Evaporative/Refueling Family		VFMXR0165LDG		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	0.002		
Evaporative/Refueling Family		VFMXR0165LDG		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		VFMXR0165LDG		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	0.002		
Evaporative/Refueling Family		VFMXR0165LDG		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		VFMXT03.33F1		Evaporative/Refueling Family		VFMXR0165LDG					
Evaporative/Refueling Family		VFMXR0165LDG		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		0.002	
Evaporative/Refueling Family		VFMXR0165LDG		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		VFMXR0165LDG		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		VFMXR0165LDG		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	

Certification Summary Information Report

Test Group		VFMXT03.33F1	Evaporative/Refueling Family	VFMXR0165LDG
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		VFMXT03.33F1	Evaporative/Refueling Family		VFMXR0165LDG
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		VFMXT03.33F1	Evaporative/Refueling Family		VFMXR0165LDG
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		VFMXT03.33F1	Evaporative/Refueling Family		VFMXR0165LDG
F	2-Wheel Drive, Front		A	All Wheel Drive	
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter		ICI	Independent Commercial Importer	
CSI	Certificate Summary Information		ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor		SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative		Trans	Transmission	



SECTION 8

Emission Testing Waiver Statements

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



SECTION 8

Emission Testing Waiver Statements and Statements of Compliance

Statement of Compliance for test group VFMXT03.33F1

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.

Statement of Compliance

2-Diurnal Evaporative Certification Test

Based on engineering evaluation of development 2-diurnal evaporative emissions test data supporting evaporative family VFMXR0165LDG, the applicable test group complies with evaporative emission standard for the supplemental two-diurnal test sequence as described in 40 CFR 86.1829-01.

Statement of Compliance for test group (VFMXT03.33F1)

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



SECTION 9

OBD-II System Description

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



SECTION 10

Description of Alternate-Fueled Vehicles

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



SECTION 11

AECD Description

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



SECTION 12

Description of Vehicles Covered by Certificate and Testing Parameters

Common Family Parameters – Test Group: VFMXT03.33F1

Vehicle Program: 27MY Police Interceptor 3.3L FHEV

Test Group Information	
Vehicle/Engine Class	LDT4
Vehicle Fuel Category	Hybrid
Operating Fuel 1	Gas
Engine Displacement (liters)	3.3L
SAE net HP @ RPM (91 Ron)	318 hp @ 6500 rpm
SAE net torque ft-lb @ RPM	322 lb-ft @ 2500 rpm

Emission Control System:	
Air Aspiration Method*	Naturally Aspirated
Charge Air Cooler Type* (TG-51)	NA
Exhaust Gas Recirculation (EGR)*	Yes
Cooled EGR *	No
Air Injection Type (AIR)*	NA=Not applicable
After-Treatment Type *	TWC
Fuel Metering System *	Other
Sequential Fuel Injection (SFI) and Gasoline Direct (GDI)	
Heated Oxygen Sensor (HO ₂ S)*	YES Qty: 2
Heated Air/Fuel Sensor or WR Oxygen Sensor (AFS/WR-HO ₂ S)*	YES Qty: 2
Knock sensor	YES Qty: 2
Feedback Sensor Configuration	2WR-HO ₂ S, 2HO 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

* VECI label item

HEV/ZEV General Information		(if applicable)
Battery		
Energy Storage Device Category	B=Battery	
Battery Type:	Li=Lithium	
Number of Batteries:	1	
Number of Battery Cells	76	
Total Weight of Batteries (kg):	35	
Total Battery Pack(s) Voltage (Nom):	280	
Battery Pack(s) Energy Capacity (Ah)	5.2	
Complete Battery Pack(s) Specific Energy Density (Whr/kg):	42.86	
Battery Charger Type	Onboard	
Battery Thermal Management	Active - Liquid Cooled	
Drive Motor		
Number of Drive Motor/Generators	1	
Motor/Generator Type	OT=Other	
	ACPM 3 Phase eMotor	
Rated Motor/Generator Power (kW) @ RPM	35kW @ 205V Minimal Voltage	
Front	Full Power	
Drive Motor Peak Torque (Nm) - Rear	300	
HEV Electric Drive System Peak Power Output (kW):	41	
HEV Traction Drive System Voltage (V):	282	
HEV Traction Drive Boost:	No	
HEV Idle Start/Stop:	Yes	
Regenerative Braking Type	ERE=Electrical	
Regenerative Braking Source	Both	
Driver Controlled Regenerative Braking	No	
Fuel Cell Description	None	
Fuel Cell On-Board H2 Storage Capacity	None	
Usable H2 Fill Capacity	None	

Exhaust Calibration	Evaporative Calibration	Application	Transmission	Leak Check	Vehicle
VCTWBPNA05 / 06	VFMXR0165LDG	50S	10R MHT	0.020	Police Interceptor Utility

Reference Specifications

Spark Plug	Type: CYFS12F-5 Gap: 1.25 – 1.35 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	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	N	Heater, A/C or engine cooling performance
Low catalyst temperature	N	Achieve/maintain 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	N	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
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ELECTRONICS – PCM²FUEL

Fuel Injector	Signal from PCM	Fuel Flow	N/A	Static Flow Rate: 225 +/- 6.75 g/min
Regulated Fuel Pressure	Signal from PCM	Fuel Pressure	N/A	40-55 psi delta across the injectors
Fuel Pump	Signal from PCM	Fuel Flow	N/A	Nom. Flow Rate: 167 L/H @500kpa-11V
Torque Based Electronic Throttle Control	Signal from PCM	None	Operates in FTP	Throttle Diameter: 68 mm

Fuel System Control Strategy²

Air-Fuel 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 ol_lam_pwr_a_m and the entry conditions in function FN311P
Air-Fuel Driver torque demand delay	Time and Gear	Air-Fuel Ratio (LAMBSE)	Allows time for downshift; limit enrichment to unusual conditions	See Section 16.00.05.00 for delay time calibration FN1311 and the maximum count-up time, OL_DELAYMAX

Emission Component	Sensed Parameter	Controlled Parameter	Justification ¹	Calibration
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Air-Fuel 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
Air-Fuel Enrichment O2 Sensor Protection	Inferred Oxygen Sensor Temperature	Air-Fuel Ratio (LAMBSE)	Protection against damage	See Section 16.00.05.00 for inferred O2 sensor temperature to trigger enrichment, FEGO_MAX
Air-Fuel 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

Air-Fuel 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
CRANKCASE				
PCV Valve	Manifold Vacuum	Air Flow to Engine	Operates in FTP	EV#:267 1.95 – 2.55 SCFM @ 2" Hg 1.30 – 1.90 SCFM @ 8" Hg 0.70 – 1.10 SCFM @ 15" Hg
PCV-NOT Heated	Ambient Temp Battery Voltage	PCV Heating	Vehicle Safety	Heat ON <32°F Battery Voltage, 16 Volts
EGR Vacuum Regulator	Signal from PCM	Vacuum to EGR valve	N/A	Output: 160.5 + 16mm Hg
EGR Control Strategy				
BASE EGR Table	Engine Speed and Load	Requested EGR Flow	EGR optimized for fuel efficiency within constraints of combustion stability, drivability, component temps, emissions, and vacuum limitations	See Section 16.00.05.00 for "FN908G" or "FN908K"
Icing and Detonation/Surge Prevention	Air Charge Temp	EGR Flow	Protection against damage or accident	See Section 16.00.05.00 for "FN220 or FN220A"
EGR Shut-off at WOT	Time at WOT	EGR Flow	Ramp EGR out before vacuum drop causes sudden valve closure	See Section 16.00.05.00 for "FN_EGR_WOT"

Emission Component	Sensed Parameter	Controlled Parameter	Justification ¹	Calibration
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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, drivability, emissions, and vacuum limitations	See Section 16.00.05.00 for "FNCAMTQ_IMRC" or "FN5520_TQ", or "FN5520_LOAD"
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"
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"
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"
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"

Emission Component	Sensed Parameter	Controlled Parameter	Justification ¹	Calibration
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ENGINE COOLING				
Thermostat	Coolant Temperature	Coolant Flow	Engine Protection	Start to Open: 86.7° 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: VFMXT03.33F1

Carline Name	Certification Level	Cert Code	Calibration(s)	PCM Assembly Part #	HPCM Assembly Part #	ABS Assembly Part #	BECM Assembly Part #	Date
INTERCEPTOR UTILITY HEV AWD	Initial	VCTWBPNA0004	VCTWBPNA05	PV1MA- 12A650-XB	PV1M8-7P120- BC	V1MC-2C219- AA	ML38-10B687- BA	02/23/2026
INTERCEPTOR UTILITY HEV AWD	Initial	VCTWBPNA0005	VCTWBPNA06	PV1MA- 12A650-XC	PV1M8-7P120- BD	V1MC-2C219- AA	ML38-10B687- BA	04/16/2026

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

Engine Family: VFMXT03.33F1

2027 MY 3.3L INTERCEPTOR

<u>Part Name</u>	<u>Part Number</u>	<u>Comments</u>
Battery Pack	R1M8-10B759-AF R1M8-10B759-AH	
Catalyst	R1M3-5E211-HB R1M3-5E213-HB	
EGR Cold Tube With Orifice	LK4E-9E470-AD	
EGR Tube With Orifice	L1ME-9D477-AF	
EGR Valve	JL3E-9D475-BB	
Electronic Throttle Body	HL3E-9F991-AA	
Fuel Injector (DI)	HL3E-9G929-AA	
Fuel Injector (PFI)	JL3E-9F593-AA	
Fuel Pressure Sensor (High Pressure)	JL3E-9F972-BA	
Fuel Pump High Pressure	JL3E-9D376-AB	
Heated Air/Fuel Sensor (WR-HO2S)	R1MA-9Y460-DB V1MA-9Y460-DA V1MA-9Y460-EA	
Heated Oxygen Sensor (CMS)	R1MA-9G444-DB V1MA-9G444-DA V1MA-9G444-EA	
Integrated Fuel Pressure Sensor (Low Pressure)	RL3E-9G756-AA	
PCV Valve	KR3E-6A666-AA	
Fuel Pump Low Pressure	L1M3-9350-AA	

Section 12.00.05.00 - Test Vehicle Requirements

	CAP2000 Exhaust Data Vehicle	CAP2000 Evaporative Data Vehicle
Test Group	SFMXT03.33F1	LFMXT03.33F1
Evap Emission Family	SFMXR0165LDG	LFMXR0165LDG
Displacement	3.3L	3.3L
Engine Code	SCTWBPNA06	LCTWBPNB08
Fuel Tank Code	19.3 GAL	19.3 GAL
Exhaust Control System	2TWC(2), DFI, SFI, 2WR-HO2S, 2HO2S, EGR	2TWC(2), DFI, SFI, 2WR-HO2S, 2HO2S, EGR
Model	Police Interceptor Utility	Explorer Police Interceptor Utility
Equivalent Test Weight	5500 lbs	5500 lbs
Curb Weight	5096 lbs	5095 lbs
GVWR	6840 lbs	6840 lbs
THP	16.5	16.7
DPA	f0 = 33.93	f0 = 40.61
	f1 = 0.6797	f1 = 0.209
	f2 = 0.02248	f2 = 0.02977
Axle Ratio	3.73	3.73
N/V Ratio - RPM/MPH	27.4	26.6
Tires	255/60R18	255/60R18
Vehicle ID No	RTW1-3.3-J-778	LTW1-3.3-L-471
Configuration Number	0	0
Model Year	2025	2020

Vehicle Description Report

Test Group: VFMXT03.33F1

ID Number	5306266	5305786
Displacement	3.3	3.3
Cert Code	VCTWBPNA0004	VCTWBPNA0005
Fuel Tank(s)	X3	X3
Carline	INTERCEPTOR UTILITY HEV AWD	INTERCEPTOR UTILITY HEV AWD
Wheel Configuration	Standard	Standard
Body Style	4 Door Sedan	4 Door Sedan
Wheelbase	119.1	119.1
Transcode Combo	GBA	GBA
Curb Weight	5090	5090
ETW	5500	5500
Loaded Weight LVW	5390	5390
ALVW-ETW	6000	6000
Adj. Loaded Weight	5965	5965
GVWR	6840	6840
GCWR	10500	10500
Min Axle Ratio	3.73	3.73
Max Axle Ratio	3.73	3.73
Min N/V Ratio	27.4	27.4
Max N/V Ratio	27.4	27.4
Emission Vehicle Class	LDT4	LDT4
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Automatic	Automatic
Calibration Application	50ST	50ST
Min Tire Size	255/60R18 - 27.4	255/60R18 - 27.4
Max Tire Size	255/60R18 - 27.4	255/60R18 - 27.4
Alt Tire 1		
Alt Tire 2		
Alt Tire 3		
Alt Tire 4		
Alt Tire 5		
Alt Tire 6		
Alt Tire 7		
DAW Full Tank	2383	2383
DAW Empty Tank	2301	2301



SECTION 14

Request for Certification

14.00.00.00



**Environmental & Safety Compliance
Ford Motor Company**

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

May 4, 2026

Ms. Hannah Frame
Certification Division
Office of Mobile Source Air Pollution Control
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 hybrid light-duty truck (LDT4) contained in Ford's 50 states (Federal / CA) test group VFMXT03.33F1 and evaporative emission family VFMXR0165LDG. Tier 3 E10 regular fuel was used for exhaust and evaporative emission testing.

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

Certification FTP Standards (g/mi)	Useful Life	NMOG + NOx	CO	PM	US06 PM	HCHO
Interim Tier 4 Bin 30	150K	0.030	1.0	0.003	0.006	0.004

In addition, this test group meets the Cold NMHC Family Emission Limit (FEL) of 0.3 gm/mi as part of compliance plan to meet corporate fleet average cold NMHC standards. This test group complies with the CH₄ standard of 0.030 g/mi and combined N₂O standard of 0.010 g/mi. This test group meets the SFTP NMOG+NO_x Family Emission Limit (FEL) of 0.080 g/mi and CO limit of 4.2 g/mi as part of compliance plan to meet corporate fleet average SFTP standards.

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

Tier 3	Useful Life	Hot Soak + 2-day Diurnal	Hot Soak + 3-day Diurnal	Running Loss	ORVR
Certification and In-Use Evaporative Standards	150k	0.500 grams per test	0.500 grams per test	0.05 gram/mile	0.20 gram/gallon

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

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

This Part I Application for Certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # CD-14-19 (LDV/LDT/ICI/LIMO), subject: "Certification Application Reporting Guidance", dated November 24, 2014. 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 Nicole Cuddy at 313-269-3818, if you have any questions regarding this submission.

Sincerely,

DocuSigned by:

Lawrence H. Merritt, Jr.

DF6ED4749EAC46B...

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



**Environmental & Safety Compliance
Ford Motor Company**

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

May 4, 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 hybrid light-duty truck (LDT) contained in Ford's 50 states (Federal / CA) test group VFMXT03.33F1 and evaporative emission family VFMXR0165LDG. Tier 3 E10 regular fuel was used for exhaust and evaporative emission testing.

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 LEV III FTP certification and in-use exhaust emissions standards applicable to this test group for vehicles offered in California are:

Certification FTP Standards (g/mi)	Useful Life	NMOG + NOx	CO	PM	US06 PM	HCHO
LEV III SULEV30	150K	0.030	1.0	0.003	0.006	0.004

In addition, this test group also meets the SFTP NMOG+NOx Family Emission Limit (FEL) of 0.080 g/mi and CO limit of 4.2 g/mi as part of compliance plan to meet corporate fleet average SFTP standards.

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

LEV III	Useful Life	Hot Soak + 2-day Diurnal	Hot Soak + 3-day Diurnal	Running Loss	ORVR
Certification and In-Use Evaporative Standards	150k	0.500 grams per test	0.500 grams per test	0.05 gram/mile	0.20 gram/gallon

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

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

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

Please contact Nicole Cuddy 313-269-3818, if you have any questions regarding this submission.

Sincerely,

DocuSigned by:
Lawrence H. Merritt, Jr.
DF6ED4749EAC46B...

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

CC: R. Uyehara, M. Desai



SECTION 15

Other Information

15.00.00.00



SAP Manual Payment Request

(North America)

REF NO: 306185

NAME AND ADDRESS OF PAYEE	Employee	Ex-Employee / Board of Director	Company Code	Separate Check	Special Handling/ Instruction Key in S4
Environmental Protection Agency-MVECP				Y	
U.S. Bank - Government Lockbox 979032	Supplier Code		Due Date / Baseline Date	Currency	Amount
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 electronicallyACH.	GXHSA		ASAP	USD	226,219.00
REASON FOR DISBURSEMENT					

CERTIFICATION FEES - EPA STANDARD ENGINE FAMILY, EXHAUST EMISSION CONTROL SYSTEM

[illegible]

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	1000018234				306185	2/25/2026	226,219.00	N
								-	
							TOTAL	226,219.00	

- **Receipt of Service**
- **Price Validation**
- **Supported by invoice or other documentation**

2. Uses of Manual Payment Requests

3. Corporate Approval Authorities - Method of Payment

TYPE OF INVOICE:		MANUAL PAYMENT REQUEST -PERMISSIBLE USES (use drop down with Alt+down arrow key):		Uses of Manual Payment Requests		Not in Uses of Manual Payment Request	
Requestor				Operations Approval - Receipt of Service			
Preparer/Requestor		CDS ID	Date	Operations Approval		DocuSigned by:	Date
Xina Toliver		TOLIVER	2/25/2026	MLANDRY		Mike Landry	2/25/2026
				35A2467C1B7946C...			
Approvals per Corporate Approval Authorities - Method of Payment							
Payment Item is on Uses of Manual Payment Requests				Payment Item is NOT on Uses of Manual Payment Requests			
CDS ID		Sign		CDS ID		Sign	
MBEDOLLA		Montserrat Bedolla					
Finance LL6+ Unlimited		9B61ABEC83D24AA...		Finance LL5+ Unlimited			
		2/25/2026					

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

S A Fee Form

ncuddy / 313-269-3818

Tracking Information

Pay.gov Tracking ID: 27VRCSDM

Agency Tracking ID: 77305020841

[Help and EPA nstructions](#)

* Required Field

General Information

Date: 02/23/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

FMX

Manufacturer Name *

FORD

Contact Name *

TINA OLIVER

Contact Email Address *

toliver@ford.com

Contact Phone *

313-323-8938

Calendar Year complete application submitted
to EPA *

2026

PL ASE NOTE: These fees apply to complete certification applications received by PA from January 1, 2026, through December 3 , 2026. The applicable fee is determined by the

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

Engine Family / Evaporative Family / Test Group *

VFMXT03.33F1

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

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

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

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,317.00

Payment Type *

Offline ACH

Comments

EPA Form Number 3520-29

OMB Control No. 2060-0545

Approval expires 7/31/2027

The public reporting and recordkeeping burden for this collection of information is estimated to average 12 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

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



SECTION 17

California ARB Requirements

VFMXT03.33F1

FoMoCo	Ford Motor Company VEHICLE EMISSION CONTROL INFORMATION
Conforms to regulations: 2027 MY	
U.S. EPA: Interim T4B30 LDT4	
OBD: CA OBD II Fuel: Gasoline	
California: SULEV30 LDT	
OBD: CA OBD II Fuel: Gasoline	
TWC/DFI/SFI/WR-HO2S/HO2S/EGR	
No adjustments needed.	
3.3L-Group: VFMXT03.33F1 Evap: VFMXR0165LDG	
▽ VW7E-9C485- M V T	



SECTION 18

Revisions

18.00.00.00

APPLICATION REVISIONS

VFMXT03.33F1

<u>NO.</u>	<u>DATE</u>	<u>PAGE(S)</u>	<u>DESCRIPTION</u>
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Application for Certification

Part 2