

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

CARB USE ONLY

Invoice Name	MSF250776
Invoice Date	Feb 04, 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	313-323-8938
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_VFMXD07.363H_APPIPT	Model Year 2027	VFMXD07.363H	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
2	CBI_VFMXD07.373K_APPIPT	Model Year 2027	VFMXD07.373K	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
3	CBI_VFMXD06.761B_APPIPT	Model Year 2027	VFMXD06.761B	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
4	CBI_VFMXD06.771D_APPIPT	Model Year 2027	VFMXD06.771D	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
5	CBI_FORD_2027_CIHD Application_HD/MD_Exhaust	Model Year 2027	VFMXE07.3BW7	HDO engine family and MDO engine family	Base	\$ 45,911.00
6	CBI_FORD_2027_CIHD Application_HD/MD_Exhaust	Model Year 2027	VFMXE07.3BWU	HDO engine family and MDO engine family	Base	\$ 45,911.00
7	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat & CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0210GDJ	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00
8	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0250NDJ	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00

	& CBI_FORD_2027_CIHD Application_HD/MD_Evaporat					
9	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat & CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0250NCJ	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00
10	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat & CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0400NGJ	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00
11	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0210GCV	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00
12	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0360NGV	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00
13	CBI_VFMXD03.56BG_APPIP	Model Year 2027	VFMXD03.56BG	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
14	CBI_VFMXD03.56BZ_APPIP	Model Year 2027	VFMXD03.56BZ	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
15	CBI_VFMXD03.57BZ_APPIP	Model Year 2027	VFMXD03.57BZ	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
16	CBI_VFMXD00.00MW_APPIP	Model Year 2027	VFMXD00.00MW	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
17	CBI_VFMX2VOCV3AA_APP	Model Year 2027	VFMX2VOCV3AA	Heavy-duty greenhouse gas vehicle family	Base	\$ 19,168.00
18	CBI_VFMX2VOCV3AB_APP	Model Year 2027	VFMX2VOCV3AB	Heavy-duty greenhouse gas vehicle family	Base	\$ 19,168.00
19	CBI_VFMX2VOCV4AA_APP	Model Year 2027	VFMX2VOCV4AA	Heavy-duty greenhouse gas vehicle family	Base	\$ 19,168.00
20	CBI_VFMX2VOCV6AA_APP	Model Year 2027	VFMX2VOCV6AA	Heavy-duty greenhouse gas vehicle family	Base	\$ 19,168.00

Total Due	\$ 579,856.00
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I,  , attest that any information provided is true, accurate, and complete.

(Responsible Party Signature Here)



FORD MOTOR COMPANY
APPLICATION FOR CERTIFICATION - PART 1

2027 Model Year

Test Group: VFMXD06.771D
Durability Group: VFMXDPDNNF1B
Test Group Description: 6.7L V8
Durability Group Description: Four Stroke, Diesel Cycle, Diesel Fueled, Turbocharged, Catalyst Code F
Carlines Covered: F250 PICKUP 2WD DIESEL
F250 PICKUP 4WD DIESEL
F350 PICKUP 2WD DIESEL
F350 PICKUP 4WD DIESEL
F450 PICKUP 2WD DIESEL
F450 PICKUP 4WD DIESEL
Federal Applicable Standards: Federal Exhaust - Tier 3 HD Class 3 Bin 230
CVS75 CH₄-COMB - 0.05 g/mi
CVS75 N₂O-COMB FEL - 0.19 g/mi
CVS75 PM - 0.010 g/mi
SFTP NMOG+NO_x - 0.350 g/mi
California Applicable Standards: California Exhaust - LEV-III SULEV230
CVS75 PM - 0.010 g/mi

Vehicles Tested

Exhaust Emission Vehicle:	
VFH1-6.7-J-297/Config 0	
FTP TN	VFMX10093530
HWY TN	VFMX10093531
SC03 TN	VFMX10093533
LA92 TN	VFMX10093532

Release Date: September 21, 2026

For Questions, Contact:
Steffens, Connor, csteffe6@ford.com (313-969-3035)

Application for Certification

Part 1



Part 1 Application Index

- § 00.00.00.00 Cover Page**
- § 02.00.00.00 Durability Group Description**
- § 03.00.00.00 Evaporative/ Refueling Family Description**
- § 04.00.00.00 Durability Procedure Description**
- § 05.00.00.00 Test Group Description**
- § 06.00.00.00 Test Vehicle Description**
- § 07.00.00.00 Test Results**
 - 07.00.01.00 EPA Certification Summary Information (CSI) report(s)
- § 08.00.00.00 Emission Testing Waiver Statements**
 - 08.00.01.00 Statements of compliance
- § 09.00.00.00 OBDII System Description**
- § 11.00.00.00 AECD Descriptions**
- § 12.00.00.00 Description of Vehicles Covered by Certificate and Test Parameters**
 - 12.00.01.00 Common Family Parameters
 - 12.00.02.00 Calibration Description
 - 12.00.03.00 Calibration Parts List
 - 12.00.05.00 Test Vehicle Requirements
 - 12.00.06.00 Vehicle Description Reports
- § 14.00.00.00 Request for Certification**
- § 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
- § 17.00.00.00 California ARB Information**
 - 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



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	VFMXD06.771D	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	04/21/2026 12:04:10 PM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Diesel	Common Rail Direct Diesel Injection	--

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	--
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	--
Fuel Cell Indicator	--	EPA Vehicle Class	HDV2, M7
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	VFMXDPDNNF1B	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	Yes		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	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	VFMXD06.771D
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	--		
Mfr Test Group Comments	F-Series Super Duty 10-14K GVWR GHG RESULTS N2O COMB = 0.11 vs. 0.19 FEL, CH4 COMB = 0.01 vs. 0.05 STD. Expected Composite Certification Levels including Rounded Results, Diesel Adjustment Factor, and Additive DF: CO-COMP: 0 vs. 4 STD; NMOG+NOX-COMP: 0.101 vs. 0.350 STD; PM-COMP: 0.004 vs. 0.007 STD.		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--				
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	330 - F250 PICKUP 4WD DIESEL	California + CAA Section 177 states	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	315 - F250 PICKUP 2WD DIESEL	Federal	2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	315 - F250 PICKUP 2WD DIESEL	California + CAA Section 177 states	2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	330 - F250 PICKUP 4WD DIESEL	Federal	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	355 - F450 PICKUP 2WD DIESEL	Federal	2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	390 - F350 PICKUP 2WD DIESEL	Federal	2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	350 - F450 PICKUP 4WD DIESEL	Federal	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	355 - F450 PICKUP 2WD DIESEL	California + CAA Section 177 states	2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	392 - F350 PICKUP 4WD DIESEL	Federal	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	350 - F450 PICKUP 4WD DIESEL	California + CAA Section 177 states	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	392 - F350 PICKUP 4WD DIESEL	California + CAA Section 177 states	Part-time 4-Wheel Drive	Semi-Automatic	10	Yes
Ford Motor Company	1 - Ford	390 - F350 PICKUP 2WD DIESEL	California + CAA Section 177 states	2-Wheel Drive, Rear	Semi-Automatic	10	Yes
Engine Description							
Hybrid Type	--	Hybrid Description		--			
Engine Type	4-Stroke Compression Ignition	Mfr Engine Description		4-Stroke Compression Ignition			
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description		6.7L V8			
Camless Valvetrain Indicator	No	Oil Viscosity/Classification		10W-30/CK-4			
Number of Cylinders/Rotors	8	Mechanically Variable Compression Ratio Indicator		N			
After Treatment Device(s) (ATD)							
ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction			
1	Oxidation catalyst	Platinum + Palladium	Ceramic	Monolith			
2	Selective Catalytic Reduction	Platinum	Ceramic	Monolith			
3	Other	Platinum + Palladium	Ceramic	Monolith			
4	Diesel Particulate Filter	Platinum + Palladium	Metal	Monolith			
Mfr After Treatment Device (ATD) Comments							
DOC, SCR, DEC, DPF							
Direct Ozone Reduction (DOR) Device							
Not Equipped							
Mfr Emission Control Device Comments							
--							

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--								
Engine Configuration Number 1											
Engine Displacement (liters)	6.7	Engine Rated Horsepower	500								
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2								
Air Aspiration Method	Turbocharged	Number of Air Aspiration Devices	1								
Air Aspiration Device Configuration	Single	Charge Air Cooler Type	Liquid								
Air Aspiration Drive Method(s)	Mechanical										
Cylinder Deactivation	No										
Cylinder Deactivation Description	--										
Variable Valve Timing	No										
Variable Valve Timing System Description	--										
Variable Valve Lift?	No										
Variable Valve Lift System Description	--										
Number of Knock Sensors	0	Number of Air/Fuel Sensors	3								
Air/Fuel Sensor # 1 Type	Nitrogen oxide	Air/Fuel Sensor # 1 Description	--								
Air/Fuel Sensor # 2 Type	Nitrogen oxide	Air/Fuel Sensor # 2 Description	--								
Air/Fuel Sensor # 3 Type	Nitrogen oxide	Air/Fuel Sensor # 3 Description	--								
Mfr Air/Fuel Sensor Comments	--										
Exhaust Gas Recirculation	Yes	Cooled Exhaust Gas Recirculation	Yes								
EGR Type	Electronic/Electric	Exhaust Gas Recirculation Description if 'Other'	--								
Closed Loop Air Injection System	No										
Air Injection Type	Not Applicable	Air Injection Type if 'Other'	--								
Mfr Engine Configuration Comments	--										
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
Diesel	VFMX10093530	VFMX10093532	VFMX10093533	--	VFMX10093531	--	10.4	--	13.7	--	
SFTP LEV-III Official Test Numbers											
Test Group Fuel	FTP	US06	SC03								
Diesel	VFMX10093530	VFMX10093532	VFMX10093533								

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Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--
Emission Control Device Comments	--		
Manufacturer Test Vehicle Comments	--		

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--
Test #	VFMX10093530	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	19 - Federal Cert Diesel 7-15 PPM Sulfur
Test Date	01/13/2026	Fuel	Diesel
Fuel Batch ID	DIES_7	Fuel Calibration Number	92
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000), MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3744	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	U
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	839.997281	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.1398	--	
FE BAG 1 (Bag 1 Fuel Economy)	12.109862	12.109862	
CH4 BAG 1 (Bag 1 Methane)	0.0095419	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0134691	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	776.029604	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.027	--	
FE BAG 2 (Bag 2 Fuel Economy)	13.111827	13.111827	
CH4 BAG 2 (Bag 2 Methane)	0.0097924	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.000732	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	726.723503	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0218	--	
FE BAG 3 (Bag 3 Fuel Economy)	13.996292	13.996292	
CH4 BAG 3 (Bag 3 Methane)	0.0029618	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0	--	
METHANE (CH4 - Methane)	0.007865	--	
CO (Carbon Monoxide)	0.048946	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.297886	--	
DT-EER (Drive Trace Energy Economy Rating)	0.31371	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.568668	--	
HCHO (Formaldehyde)	0.001	--	
MFR FE (Manufacturer Fuel Economy)	13.1	13.1	
NOX (Nitrogen Oxide)	0.09041	--	
N2O (Nitrous Oxide)	0.0696	--	
HC-NM (Non-methane Hydrocarbon)	0.003173	--	
NMOG (Non-methane organic gases)	0.003173	--	
PM (Particulate Matter)	0.000027	--	
HC-TOTAL (Total Hydrocarbon)	0.010552	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	776	776	
Optional Carbon-Related Exhaust Emissions	797	797	

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--						
	<table><tr><td>Test Result Name</td><td>Unrounded Test Result</td><td>Verify Calculated CO2</td></tr><tr><td>Carbon dioxide</td><td>775.8</td><td>--</td></tr></table>			Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	775.8	--
	Test Result Name	Unrounded Test Result	Verify Calculated CO2						
	Carbon dioxide	775.8	--						
Manufacturer Test Comments									
--									

Certification Summary Information Report

Test Group		VFMXD06.771D				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	CO	0.05	--	--	0.0011 UP	0.05	--	0.1	4.2	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	CO-COMP	0.0	--	--	0 UP	--	--	0	4	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	CO2	776	--	--	0 UP	0	--	776	--	--
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	HCHO	0.0010	--	--	0.0000 UP	0.0016	--	0.003	0.006	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	METHANE	0.0079	--	--	0.0008 UP	0.0008	--	0.010	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	N2O	0.0696	--	--	0.0022 UP	0.0438	--	0.116	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG	0.0032	--	1.0	0.0003 UP	0.0131	--	0.017	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG+NOX	0.0936	--	--	0 UP	--	--	0.135	0.230	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG+NOX-COMP	0.0909	--	--	0 UP	--	--	0.091	0.350	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NOX	0.0904	--	--	0.0103 UP	0.0180	--	0.119	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	PM	0.0000	--	--	0.0001 UP	0.0037	--	0.004	0.010	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	PM-COMP	0.0038	--	--	0 UP	--	--	0.004	0.007	Pass
CA	150,000 miles	California LEV-III SULEV230	CO	0.05	--	--	0.0011 UP	0.05	--	0.1	4.2	Pass
CA	150,000 miles	California LEV-III SULEV230	CO-COMP	0.0	--	--	0 UP	--	--	0	4	Pass
CA	150,000 miles	California LEV-III SULEV230	CO2	776	--	--	0 UP	0	--	776	--	--
CA	150,000 miles	California LEV-III SULEV230	HCHO	0.0010	--	--	0.0000 UP	0.0016	--	0.003	0.006	Pass
CA	150,000 miles	California LEV-III SULEV230	METHANE	0.0079	--	--	0.0008 UP	0.0008	--	0.010	999.999	Pass

Certification Summary Information Report

Test Group		VFMXD06.771D			Evaporative/Refueling Family					--		
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
CA	150,000 miles	California LEV-III SULEV230	N2O	0.0696	--	--	0.0022 UP	0.0438	--	0.116	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG	0.0032	--	1.0	0.0003 UP	0.0131	--	0.017	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG+NOX	0.0936	--	--	0 UP	--	--	0.135	0.230	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG+NOX-COMP	0.0909	--	--	0 UP	--	--	0.091	0.350	Pass
CA	150,000 miles	California LEV-III SULEV230	NOX	0.0904	--	--	0.0103 UP	0.0180	--	0.119	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	PM	0.0000	--	--	0.0001 UP	0.0037	--	0.004	0.010	Pass
CA	150,000 miles	California LEV-III SULEV230	PM-COMP	0.0038	--	--	0 UP	--	--	0.004	0.007	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CO2 Emission name is a Verify-calculated value.

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--
Test #	VFMX10093531	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	19 - Federal Cert Diesel 7-15 PPM Sulfur
Test Date	01/16/2026	Fuel	Diesel
Fuel Batch ID	DIES_7	Fuel Calibration Number	92
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000), MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3831	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	U
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)	
METHANE (CH4 - Methane)	0.002437	--	
CO (Carbon Monoxide)	0.01727	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.694001	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.371727	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.816517	--	
MFR FE (Manufacturer Fuel Economy)	19.5	19.5	
NOX (Nitrogen Oxide)	0.02151	--	
N2O (Nitrous Oxide)	0.0563	--	
HC-NM (Non-methane Hydrocarbon)	0.001638	--	
NMOG (Non-methane organic gases)	0.001638	--	
HC-TOTAL (Total Hydrocarbon)	0.004021	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	523	523	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	522.8	--	
Manufacturer Test Comments	--		

Certification Summary Information Report

Test Group		VFMXD06.771D				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	METHANE	0.0024	--	--	0.0009 UP	0.0008	--	0.004	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	N2O	0.0563	--	--	0.0001 UP	0.0438	--	0.100	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG	0.0016	--	1.0	0.0000 UP	0.0131	--	0.015	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG+NOX	0.0231	--	--	0 UP	--	--	0.063	0.230	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NOX	0.0215	--	--	0.0085 UP	0.0180	--	0.048	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	METHANE	0.0024	--	--	0.0009 UP	0.0008	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	N2O	0.0563	--	--	0.0001 UP	0.0438	--	0.100	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG	0.0016	--	1.0	0.0000 UP	0.0131	--	0.015	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG+NOX	0.0231	--	--	0 UP	--	--	0.063	0.230	Pass
CA	150,000 miles	California LEV-III SULEV230	NOX	0.0215	--	--	0.0085 UP	0.0180	--	0.048	999.999	Pass

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--
Test #	VFMX10093532	Test Procedure	16 - Hot 1435 LA92
Exhaust Test # for this Evap Test	--	Test Fuel Type	19 - Federal Cert Diesel 7-15 PPM Sulfur
Test Date	01/13/2026	Fuel	Diesel
Fuel Batch ID	DIES_7	Fuel Calibration Number	92
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000), MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3774	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	U
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)	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.0325	--	
CH4 BAG 1 (Bag 1 Methane)	0.0002546	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0	--	
METHANE (CH4 - Methane)	0.000255	--	
CO (Carbon Monoxide)	0.032475	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.308652	--	
DT-EER (Drive Trace Energy Economy Rating)	0.464231	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.270319	--	
MFR FE (Manufacturer Fuel Economy)	12.8	12.8	
NOX (Nitrogen Oxide)	0.033109	--	
HC-NM (Non-methane Hydrocarbon)	0	--	
NMOG (Non-methane organic gases)	0	--	
PM (Particulate Matter)	0.000086	--	
HC-TOTAL (Total Hydrocarbon)	0	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	796	--	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	796.5	--	

Certification Summary Information Report

Test Group		VFMXD06.771D				Evaporative/Refueling Family				--		
Manufacturer Test Comments		--										
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	CO	0.0325	--	--	0.0001 UP	0.05	--	0.083	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG	0.0000	--	1.0	0.0005 UP	0.0131	--	0.014	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NOX	0.0331	--	--	0.0066 UP	0.0180	--	0.058	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	PM	0.0001	--	--	0.0003 UP	0.0037	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	CO	0.0325	--	--	0.0001 UP	0.05	--	0.083	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG	0.0000	--	1.0	0.0005 UP	0.0131	--	0.014	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NOX	0.0331	--	--	0.0066 UP	0.0180	--	0.058	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	PM	0.0001	--	--	0.0003 UP	0.0037	--	0.004	999.999	Pass

Certification Summary Information Report

Test Group	VFMXD06.771D	Evaporative/Refueling Family	--
Test #	VFMX10093533	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	19 - Federal Cert Diesel 7-15 PPM Sulfur
Test Date	01/15/2026	Fuel	Diesel
Fuel Batch ID	DIES_7	Fuel Calibration Number	92
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000), MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)	DF Type	Mfr. Determined
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3824	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	U
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)	
METHANE (CH4 - Methane)	0.001922	--	
CO (Carbon Monoxide)	0.033228	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.208695	--	
DT-EER (Drive Trace Energy Economy Rating)	0.781431	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.752308	--	
MFR FE (Manufacturer Fuel Economy)	12.3	12.3	
NOX (Nitrogen Oxide)	0.044425	--	
HC-NM (Non-methane Hydrocarbon)	0.003638	--	
NMOG (Non-methane organic gases)	0.003638	--	
PM (Particulate Matter)	0.000187	--	
HC-TOTAL (Total Hydrocarbon)	0.0055	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	829	--	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	829.1	--	
Manufacturer Test Comments	--		

Certification Summary Information Report

Test Group		VFMXD06.771D			Evaporative/Refueling Family				--			
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	CO	0.0332	--	--	0.0011 UP	0.05	--	0.084	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NMOG	0.0036	--	1.0	0.0003 UP	0.0131	--	0.017	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	NOX	0.0444	--	--	0.0103 UP	0.0180	--	0.073	999.999	Pass
Fed	150,000 miles	Federal Tier 3 HD Class 3 Bin 230	PM	0.0002	--	--	0.0001 UP	0.0037	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	CO	0.0332	--	--	0.0011 UP	0.05	--	0.084	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NMOG	0.0036	--	1.0	0.0003 UP	0.0131	--	0.017	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	NOX	0.0444	--	--	0.0103 UP	0.0180	--	0.073	999.999	Pass
CA	150,000 miles	California LEV-III SULEV230	PM	0.0002	--	--	0.0001 UP	0.0037	--	0.004	999.999	Pass

Fuel Properties												
Fuel Batch ID	DIES_7					Fuel Calibration Number	92					
Test Fuel Type	19 - Federal Cert Diesel 7-15 PPM Sulfur					Fuel Batch Calibration Date	12/17/2025					
Fuel Batch Calibration Effective Date	12/17/2025					Fuel Batch Calibration Ineffective Date	12/31/2100					
Carbon Weight Fraction NMHC	--					Carbon Weight Fraction HC	--					
Exhaust Carbon Weight Fraction	--					Fuel Methanol Volume Fraction	--					
Fuel Density (grams/cubic ft)	--					Fuel Specific Gravity	0.849					
Fuel Ethanol Volume Percent (%)	--					Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18320					
Fuel Net Heat of Combustion (E10) (MJ/kg)	42.612					Fuel Carbon Mass Fraction (E10)	0.871					
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.871					Weight Fraction CO2	--					

Certification Summary Information Report

Test Group		VFMXD06.771D			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		HDV2 (Federal HD chassis Class 3 GVW 10001-14000)			Standard Level			Federal Tier 3 HD Class 3 Bin 230	
Fuel		Diesel			Test Procedure			CVS 75 and later (w/o can. load)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0.0011	0	--	0.05	4.2
150,000 miles	CO-COMP	--	--	--	0	0	--	--	4
150,000 miles	CO2	--	--	--	0	0	--	0	999.999
150,000 miles	HCHO	--	--	--	0.0000	0	--	0.0016	0.006
150,000 miles	METHANE	--	--	--	0.0008	0	--	0.0008	999.999
150,000 miles	METHANE-COMB	--	--	--	0	0	--	--	0.05
150,000 miles	N2O	--	--	--	0.0022	0	--	0.0438	999.999
150,000 miles	N2O-COMB	--	--	--	0	0	--	--	0.19
150,000 miles	NMOG	--	--	1.0	0.0003	0	--	0.0131	999.999
150,000 miles	NMOG+NOX	--	--	--	0	0	1	--	0.230
150,000 miles	NMOG+NOX-COMP	--	--	--	0	0	--	--	0.350
150,000 miles	NOX	--	--	--	0.0103	0	--	0.0180	999.999
150,000 miles	PM	--	--	--	0.0001	0	--	0.0037	0.010
150,000 miles	PM-COMP	--	--	--	0	0	--	--	0.007
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)			Standard Level			California LEV-III SULEV230	
Fuel		Diesel			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	METHANE	--	--	--	0.0009	0	--	0.0008	999.999
150,000 miles	METHANE-COMB	--	--	--	0	0	--	--	999.999
150,000 miles	N2O	--	--	--	0.0001	0	--	0.0438	999.999
150,000 miles	N2O-COMB	--	--	--	0	0	--	--	999.999
150,000 miles	NMOG	--	--	1.0	0.0000	0	--	0.0131	999.999
150,000 miles	NMOG+NOX	--	--	--	0	0	1	--	0.230
150,000 miles	NOX	--	--	--	0.0085	0	--	0.0180	999.999

Certification Summary Information Report

Test Group	VFMXD06.771D				Evaporative/Refueling Family				--
Cert Region	California + CAA Section 177 states				Cert/In-Use Code				Both
Vehicle Class	MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)				Standard Level				California LEV-III SULEV230
Fuel	Diesel				Test Procedure				CVS 75 and later (w/o can. load)
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0.0011	0	--	0.05	4.2
150,000 miles	CO-COMP	--	--	--	0	0	--	--	4
150,000 miles	CO2	--	--	--	0	0	--	0	999.999
150,000 miles	HCHO	--	--	--	0.0000	0	--	0.0016	0.006
150,000 miles	METHANE	--	--	--	0.0008	0	--	0.0008	999.999
150,000 miles	METHANE-COMB	--	--	--	0	0	--	--	0.05
150,000 miles	N2O	--	--	--	0.0022	0	--	0.0438	999.999
150,000 miles	N2O-COMB	--	--	--	0	0	--	--	0.19
150,000 miles	NMOG	--	--	1.0	0.0003	0	--	0.0131	999.999
150,000 miles	NMOG+NOX	--	--	--	0	0	1	--	0.230
150,000 miles	NMOG+NOX-COMP	--	--	--	0	0	--	--	0.350
150,000 miles	NOX	--	--	--	0.0103	0	--	0.0180	999.999
150,000 miles	PM	--	--	--	0.0001	0	--	0.0037	0.010
150,000 miles	PM-COMP	--	--	--	0	0	--	--	0.007

Cert Region	Federal				Cert/In-Use Code				Both
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)				Standard Level				Federal Tier 3 HD Class 3 Bin 230
Fuel	Diesel				Test Procedure				Hot 1435 LA92
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0.0001	0	--	0.05	999.999
150,000 miles	NMOG	--	--	1.0	0.0005	0	--	0.0131	999.999
150,000 miles	NOX	--	--	--	0.0066	0	--	0.0180	999.999
150,000 miles	PM	--	--	--	0.0003	0	--	0.0037	999.999

Certification Summary Information Report

Test Group		VFMXD06.771D			Evaporative/Refueling Family			--	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)			Standard Level			California LEV-III SULEV230	
Fuel		Diesel			Test Procedure			SC03	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0.0011	0	--	0.05	999.999
150,000 miles	NMOG	--	--	1.0	0.0003	0	--	0.0131	999.999
150,000 miles	NOX	--	--	--	0.0103	0	--	0.0180	999.999
150,000 miles	PM	--	--	--	0.0001	0	--	0.0037	999.999
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		MDV7 (Cal. LEV 2/3/4 MDV GVW 10001-14000)			Standard Level			California LEV-III SULEV230	
Fuel		Diesel			Test Procedure			Hot 1435 LA92	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	0.0001	0	--	0.05	999.999
150,000 miles	NMOG	--	--	1.0	0.0005	0	--	0.0131	999.999
150,000 miles	NOX	--	--	--	0.0066	0	--	0.0180	999.999
150,000 miles	PM	--	--	--	0.0003	0	--	0.0037	999.999
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		HDV2 (Federal HD chassis Class 3 GVW 10001-14000)			Standard Level			Federal Tier 3 HD Class 3 Bin 230	
Fuel		Diesel			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	METHANE	--	--	--	0.0009	0	--	0.0008	999.999
150,000 miles	METHANE-COMB	--	--	--	0	0	--	--	999.999
150,000 miles	N2O	--	--	--	0.0001	0	--	0.0438	999.999
150,000 miles	N2O-COMB	--	--	--	0	0	--	--	999.999
150,000 miles	NMOG	--	--	1.0	0.0000	0	--	0.0131	999.999
150,000 miles	NMOG+NOX	--	--	--	0	0	1	--	0.230
150,000 miles	NOX	--	--	--	0.0085	0	--	0.0180	999.999

Certification Summary Information Report

Test Group		VFMXD06.771D			Evaporative/Refueling Family		--			
Cert Region		Federal			Cert/In-Use Code		Both			
Vehicle Class		HDV2 (Federal HD chassis Class 3 GVW 10001-14000)			Standard Level		Federal Tier 3 HD Class 3 Bin 230			
Fuel		Diesel			Test Procedure		SC03			
Useful Life		Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles		CO	--	--	--	0.0011	0	--	0.05	999.999
150,000 miles		NMOG	--	--	1.0	0.0003	0	--	0.0131	999.999
150,000 miles		NOX	--	--	--	0.0103	0	--	0.0180	999.999
150,000 miles		PM	--	--	--	0.0001	0	--	0.0037	999.999

Certification Summary Information Report

Test Group		VFMXD06.771D	Evaporative/Refueling Family		--
Glossary					
Useful Life					
4	4,000 miles		120	120,000 miles	
50	50,000 miles		150	150,000 miles	
100	100,000 miles				
Emission Name					
HC-TOTAL	Total Hydrocarbon		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
CO	Carbon Monoxide		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
CO2	Carbon dioxide		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
CREE	Carbon-Related Exhaust Emissions		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
NOX	Nitrogen Oxide		LEAK-DIA	Effective Leak Diameter (inches)	
PM	Particulate Matter		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
PM-COMP	SFTP Composite Particulate Matter		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
HC-NM	Non-methane Hydrocarbon		KW-HRS	Integrated DC KW-HRS	
OMHCE	Organic material Hydrocarbon Equivalent		CH4 BAG 1	Bag 1 Methane	
OMNMHCE	Organic material non-methane HC equivalent		CH4 BAG 2	Bag 2 Methane	
NMOG	Non-methane organic gases		CH4 BAG 3	Bag 3 Methane	
HCHO	Formaldehyde		CH4 BAG 4	Bag 4 Methane	
H3C2HO	Acetaldehyde		CO BAG 1	Bag 1 Carbon Monoxide	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		CO BAG 2	Bag 2 Carbon Monoxide	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		CO BAG 3	Bag 3 Carbon Monoxide	
CO-COMP	SFTP Composite Carbon Monoxide		CO BAG 4	Bag 4 Carbon Monoxide	
ETHANOL	C2H5OH - Ethanol		NMOG BAG 1	Bag 1 Non-methane organic gases	
FE BAG 1	Bag 1 Fuel Economy		NMOG BAG 2	Bag 2 Non-methane organic gases	
FE BAG 2	Bag 2 Fuel Economy		NMOG BAG 3	Bag 3 Non-methane organic gases	
FE BAG 3	Bag 3 Fuel Economy		NMOG BAG 4	Bag 4 Non-methane organic gases	
FE BAG 4	Bag 4 Fuel Economy		ACT-DISTANCE BAG 1	Bag 1 Actual Distance	
MFR FE	Manufacturer Fuel Economy		ACT-DISTANCE BAG 2	Bag 2 Actual Distance	
HC	Hydrocarbon for Running Loss and ORVR		ACT-DISTANCE BAG 3	Bag 3 Actual Distance	
METHANE	CH4 - Methane		ACT-DISTANCE BAG 4	Bag 4 Actual Distance	
METHANOL	CH3OH - Methanol		HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon	
N2O	Nitrous Oxide		HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon	
SPITBACK	Spitback Hydrocarbon in grams		HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon	
AMP-HRS	Integrated Amp-hours		HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon	
START-SOC	System Start State of Charge Watt-hours		WATT-HRS BAG 1	Bag 1 Watt Hours	
END-SOC	System End State of Charge Watt-hours		WATT-HRS BAG 2	Bag 2 Watt Hours	

Certification Summary Information Report

Test Group		VFMXD06.771D	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group		VFMXD06.771D	Evaporative/Refueling Family		--
L2ULEV340	California LEV-II ULEV340		L4SULEV85	California LEV-IV SULEV85	
L2LEV630	California LEV-II LEV630		L4ULEV125	California LEV-IV ULEV125	
L2ULEV570	California LEV-II ULEV570		L4ULEV200	California LEV-IV ULEV200	
L3LEV160	California LEV-III LEV160		L4ULEV250	California LEV-IV ULEV250	
L3ULEV125	California LEV-III ULEV125		L4ULEV270	California LEV-IV ULEV270	
L3ULEV70	California LEV-III ULEV70		L4ULEV40	California LEV-IV ULEV40	
L3ULEV50	California LEV-III ULEV50		L4ULEV400	California LEV-IV ULEV400	
L3SULEV30	California LEV-III SULEV30		L4ULEV50	California LEV-IV ULEV50	
L3SULEV20	California LEV-III SULEV20		L4ULEV60	California LEV-IV ULEV60	
L3LEV395	California LEV-III LEV395		L4ULEV70	California LEV-IV ULEV70	
L3ULEV340	California LEV-III ULEV340		T4B170	Federal Tier 4 MDV Bin 170	
L3ULEV250	California LEV-III ULEV250		T4B150	Federal Tier 4 MDV Bin 150	
L3ULEV200	California LEV-III ULEV200		T4B125	Federal Tier 4 MDV Bin 125	
L3SULEV170	California LEV-III SULEV170		T4B100	Federal Tier 4 MDV Bin 100	
L3SULEV150	California LEV-III SULEV150		T4B85	Federal Tier 4 MDV Bin 85	
L3LEV630	California LEV-III LEV630		T4B75	Federal Tier 4 MDV Bin 75	
L3ULEV570	California LEV-III ULEV570		T4B70	Federal Tier 4 Bin 70	
L3ULEV400	California LEV-III ULEV400		T4B65	Federal Tier 4 Bin 65	
L3ULEV270	California LEV-III ULEV270		T4B60	Federal Tier 4 Bin 60	
L3SULEV230	California LEV-III SULEV230		T4B55	Federal Tier 4 Bin 55	
L3SULEV200	California LEV-III SULEV200		T4B50	Federal Tier 4 Bin 50	
T3B160	Federal Tier 3 Bin 160		T4B45	Federal Tier 4 Bin 45	
T3B125	Federal Tier 3 Bin 125		T4B40	Federal Tier 4 Bin 40	
T3B110	Federal Tier 3 Transitional Bin 110		T4B35	Federal Tier 4 Bin 35	
T3B85	Federal Tier 3 Transitional Bin 85		T4B30	Federal Tier 4 Bin 30	
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover		T4B25	Federal Tier 4 Bin 25	
T3B70	Federal Tier 3 Bin 70		T4B20	Federal Tier 4 Bin 20	
T3B50	Federal Tier 3 Bin 50		T4B15	Federal Tier 4 Bin 15	
T3B30	Federal Tier 3 Bin 30		T4B10	Federal Tier 4 Bin 10	
T3B20	Federal Tier 3 Bin 20		T4B5	Federal Tier 4 Bin 5	
T3B0	Federal Tier 3 Bin 0		T4B0	Federal Tier 4 Bin 0	
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		

Certification Summary Information Report

Test Group		VFMXD06.771D	Evaporative/Refueling Family		--
F	2-Wheel Drive, Front		A	All Wheel Drive	
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter		ICI	Independent Commercial Importer	
CSI	Certificate Summary Information		ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor		SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative		Trans	Transmission	



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 VFMXD06.771D

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

Does the transmission behave and perform the same as, or differently than, while on road versus on a dynamometer?

Please explain any differences.

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

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

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



SECTION 9

OBD-II System Description

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



SECTION 11

AECD Description

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



SECTION 12

Description of Vehicles Covered by Certificate and Testing Parameters

12.00.01.00 Common Family Parameters

Test Group: VFMXD06.771D - Engine Config Param 1

Test Group Information :	
Vehicle/Engine Class	HDV2,M7
Vehicle Fuel Category	Single Fuel
Operating Fuel 1	Diesel
Operating Fuel 2	N/A
Engine Displacement (liters)	6.7
SAE net HP @ RPM	500 @ 2600 RPM
SAE net torque ft-lb @ RPM	1200 @ 1600 RPM
VECI - Emission Control System	
Air Aspiration Method	Turbocharged
Charge Air Cooler Type	Liquid
Exhaust Gas Recirculation (EGR)	Yes
Cooled EGR	Yes
Air injection Type (AIR)	Not Applicable
After-Treatment Type	Diesel Particulate Filter
Fuel Metering System 1	Common Rail Direct Diesel Injection
Fuel Metering System 2	N/A
Heated oxygen sensor (HO ₂ S)	No
Heated Air/Fuel Sensor or WR oxygen sensor (AFS/WR-HO ₂ S)	No
Feedback Sensor Configuration	NOx Sensor (3)
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

Initial Cert and Running Changes

12.00.02.00 Calibration Descriptions - VFMXD06.771D

<u>Exhaust Calibration</u>	<u>Certification Code</u>	<u>Application</u>	<u>Transmission</u>	<u>Leak Check</u>	<u>Vehicle</u>
VTFHY3ND05	VTFHY3ND0001	50s	10R140	n/a	F250/F350 SRW
VTFHY3NS05	VTFHY3NS0001	50s	10R140	n/a	F350 DRW 3.55 fdr
VTFHY3NS05	VTFHY3NT0001	50s	10R140	n/a	F350 DRW 4.10 fdr
VTFHY3NX05	VTFHY3NX0001	50s	10R140	n/a	F450 DRW

Reference Specifications

Idle RPM	PCM Controlled
Target (BASE) in Drive (A/C-off / A/C-on)	530/530 RPM A/T
Target (BASE) in Neutral (A/C-off / A/C-on)	600/600 RPM A/T

Special conditions which may require idle speeds higher than BASE are listed below:

<u>Potential Idle Speed Modifier</u>	<u>Function Utilized (Y/ N)</u>	<u>Purpose</u>
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	Y	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	Y	Ensure adequate P/S assistance
High Altitude	N	Maintain air mass flow to avoid stalling
Alternate calibration	N	Use to prevent issues during plant drives/marshalling
Drive Speed Control or Shift Delay	Y	Increase engine speed to maintain exhaust temperature

Fuel Injector	138 mg/stroke @ max power
Fuel Pressure Reg	0 - 2500 bar (36,250 psi)
Crankcase CCV Valve	Integrated Pressure Regulator 0-250 Liters/min
EGR Valve	0 - 124 kg/hr
High Temp Thermostat (2)	Start to Open: 90°C (1) Start to Open: 94°C (2)
Low Temp Thermostat	Start to Open: 25°C

Powertrain Control Module (PCM) -- PCM controlled calibrations for emission-related components are described in the AECD section 16.05.

2027 MY Exhaust Emissions Parts List

Test Group: VFMXD06.771D

Carline Name	Certification Level	Cert Code	Calibration(s)	PCM Assembly Part #	TCM Assembly Part #	GDM Assembly Part #	FG NOx MOD Assembly Part #	MB NOx MOD Assembly Part #	TP NOx MOD Assembly Part #	PM Sensor Assembly Part #	Date
F250 PICKUP 2WD DIESEL, F250 PICKUP 4WD DIESEL, F350 PICKUP 2WD DIESEL, F350 PICKUP 4WD DIESEL	Initial	VTFHY3ND0001	VTFHY3ND05	PVC3A-12A650-ANB	PVC3A-12B565-JB	VC3A-12C550-DA	VC3A-5K202-AA	VC3A-5L299-AA	VC3A-5L234-AA	PC3A-5L239-BA	01/22/2026
F350 PICKUP 2WD DIESEL, F350 PICKUP 4WD DIESEL	Initial	VTFHY3NS0001	VTFHY3NS05	PVC3A-12A650-AKB	PVC3A-12B565-JB	VC3A-12C550-DA	VC3A-5K202-AA	VC3A-5L299-AA	VC3A-5L234-AA	PC3A-5L239-BA	01/22/2026
F350 PICKUP 2WD DIESEL, F350 PICKUP 4WD DIESEL	Initial	VTFHY3NT0001	VTFHY3NS05	PVC3A-12A650-AKB	PVC3A-12B565-GB	VC3A-12C550-DA	VC3A-5K202-AA	VC3A-5L299-AA	VC3A-5L234-AA	PC3A-5L239-BA	01/22/2026
F450 PICKUP 2WD DIESEL, F450 PICKUP 4WD DIESEL	Initial	VTFHY3NX0001	VTFHY3NX05	PVC3A-12A650-AMB	PVC3A-12B565-GB	VC3A-12C550-DA	VC3A-5K202-AA	VC3A-5L299-AA	VC3A-5L234-AA	PC3A-5L239-BA	01/22/2026

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

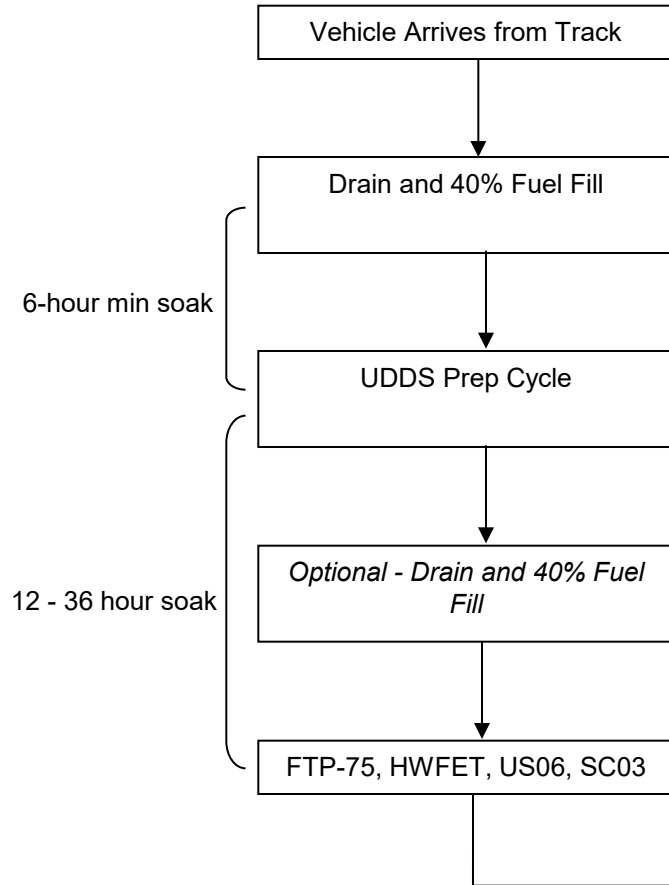
Engine Family: VFMXD06.771D

2027 MY 6.7L F250/F350/F450

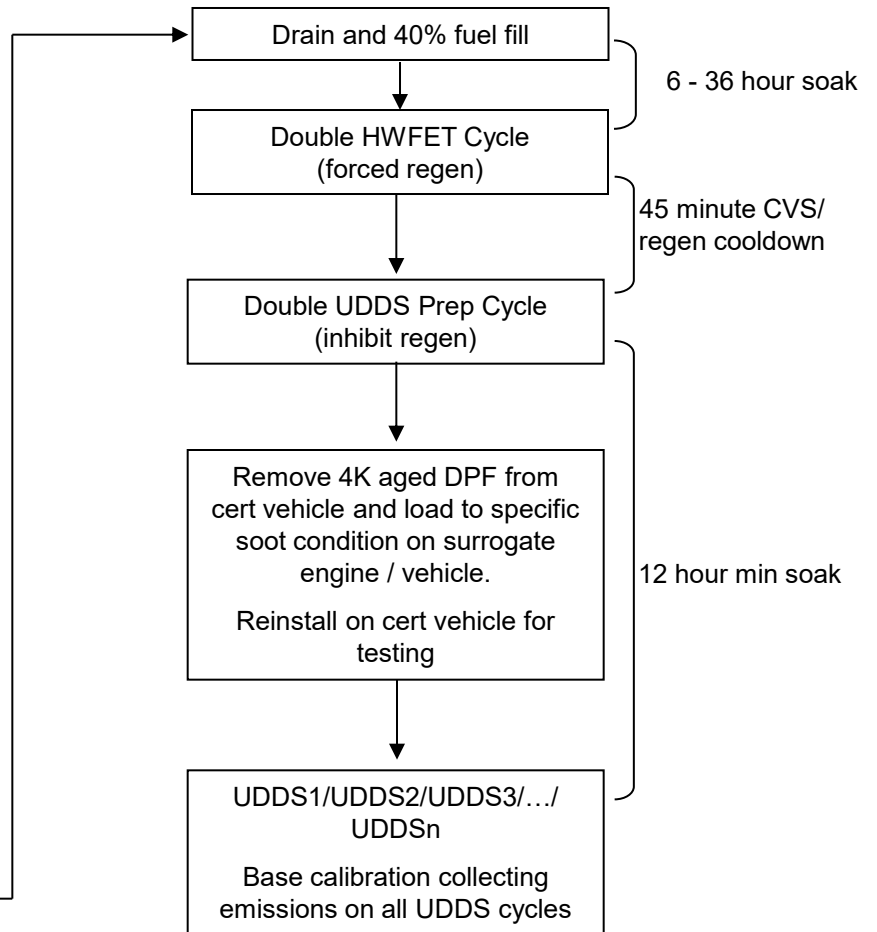
<u>Part Name</u>	<u>Part Number</u>	<u>Comments</u>
DSL Part Filter Pressure Inlet	PC3A-5H295-AD PC3A-5H295-CE	
EGR Gasket W/Orifice	BC3Q-9D476-EA	
EGR Cooler	HC3Q-9U466-AE	
EGR Cooler Bypass	HC3Q-9U433-AB	
EGR Tube With Orifice	LC3Q-9E469-AB	
EGR Vacuum Solenoid Valve	JC3Q-9F454-AA	
EGR Valve	HC3Q-9D475-AD	
Electronic Throttle Body	LC3Q-9F991-AA	
Exhaust Temperature Sensor	VC3A-12B591-AD VC3A-12B591-CC	
Fuel Injector (8)	VC3Q-9K546-AA VC3Q-9K546-BA	
Fuel Pressure Regulator Control	LC3Q-9C968-AA	
High Fuel Rail Pressure Sensor	PC3Q-9F838-AA	
High Pressure Fuel Pump	PC3Q-9B395-AB	
Muffler/Outlet Pipe Assembly	VC34-5K214-CC VC34-5K214-FC	
Oil Separator Asy	VC3Q-6A785-BA	
Turbo Charger	VC3Q-9G438-BA	
Vac Pump Assembly	HC3Q-2A451-CA	
Intake Air Temperature Sensor (IAT)	DS7A-12A697-AA	
Mass Air Flow Sensor	PC3A-12B579-AB	
ADM (Adblue Delivery Module) (component Of - 5J228-)	PU5A-5L279-AD	
Ambient Air Temperature Sensor	HC3T-12A647-AA	
Catalyst	VC34-5H240-DB	
EGT Sensor Assembly	PC3A-12C558-CC PC3A-12C558-DC PC3A-12C558-EB	
Urea Heated Resv	PC34-5J228-AK	
Urea Injector	PC34-5J281-AC	
Urea Supply Module (1) (component Of -5J228-)	PU5A-5J229-AC	
Converter Pipes/Assembly	PC34-5E211-AH	

Diesel Test Process

Base Emission Testing



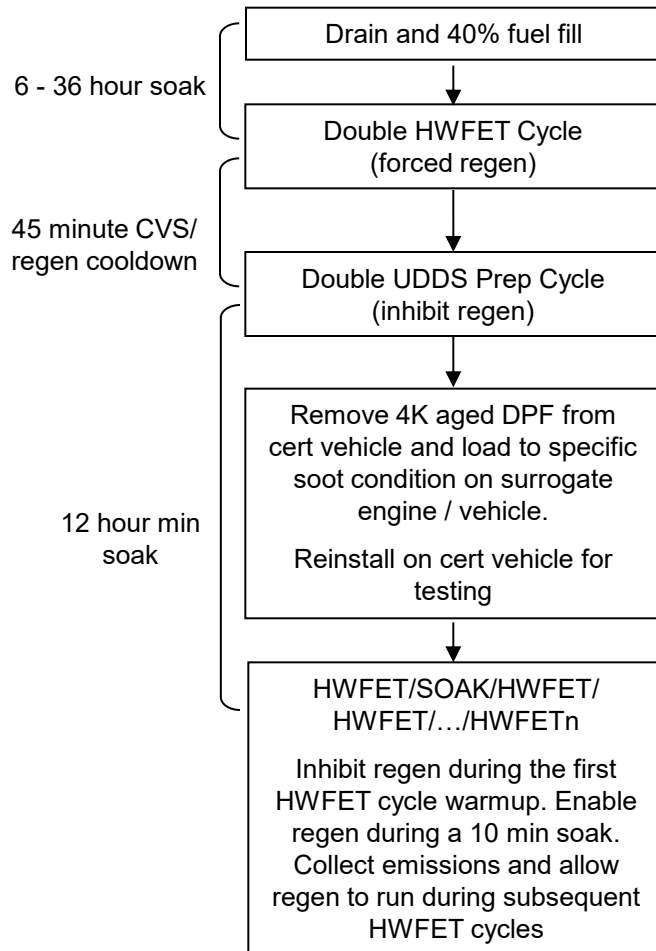
FTP Regen Emission Testing (Loaded DPF)



The above sequence is conducted for each regen type - once for DSI Regen and once for DeSox Regen.

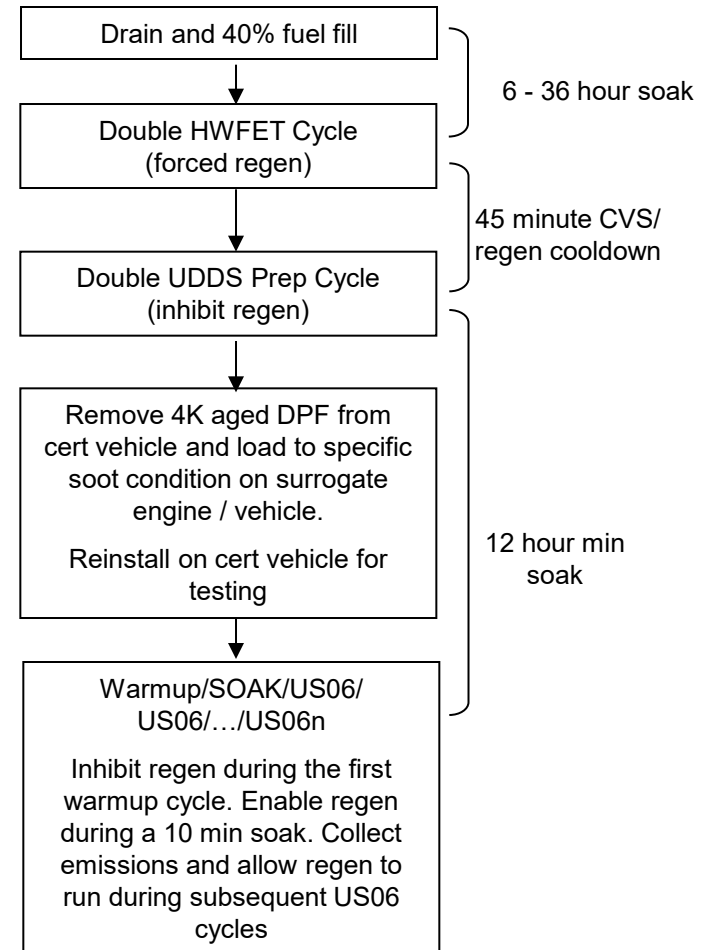
Diesel Test Process

HWFET Regen Emission Testing (Loaded DPF)



The below sequences
are conducted for each
regen type - once for DSI
Regen and once for
DeSox Regen.

US06 Regen Emission Testing (Loaded DPF)



2027 TEST VEHICLE REQUIREMENTS

	<u>Durability Data Vehicle</u>	<u>CAP2000 Emission Data Vehicle Exhaust</u>
<i>Evap. Emission Family</i>	N/A	N/A
<i>Displacement Liters</i>	6.7L	6.7L
<i>Engine Code</i>	cc065_f350_o10_HO_DF5	VTFHY3NX00
<i>Fuel Tank Code</i>	TV	TV
<i>Catalyst Code</i>	*	*
<i>Exhaust Control System</i>	TC/ DFI/ CAC/ EGR/ EGRC/ OC/DPF/ SCRC/ NOXS/ RDQS/ NH3OC/PMS	TC/ DFI/ CAC/ EGR/ EGRC/ OC/DPF/ SCRC/ NOXS/ RDQS/ NH3OC/PMS
<i>Model</i>	F350 4x4 DRW	F450 4x4 Reg Cab DRW
<i>Transmission</i>	Auto-10R140	Auto-10R140
<i>Shift Schedule</i>	N/A	N/A
<i>Equivalent Test Weight</i>	11500 lbs	11500 lbs
<i>THP/DPA</i>	f ₀ =89.44, f ₁ =0.497, f ₂ =0.07416	f ₀ =82.72, f ₁ =0.4153 f ₂ =0.06271
<i>Axle Ratio</i>	4.10	4.30
<i>N/V Ratio - RPM/MPH</i>		29.6
<i>Tires</i>	LT245/75R17	LT225/70R19.5

ACTUAL TEST VEHICLES

<i>Model Year</i>	2023	2027
<i>Engine Family</i>	PFMXD06.771D	VFMXD06.771D
<i>Vehicle ID No</i>	PFH1-6.7-348	VFH1-6.7-J-297
<i>Configuration Number</i>	NA	0

* See Section 16

Calibration and Hardware Revision Summary

Test Group: VFMXD06.771D
Issued: March 31, 2026
Revised:

12.00.05.00 - 2

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302752	5302803	5302899	5302794	5302708	5302759	5302819	5302801
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TV	TV	TV	TV	TU	TU	TU	TU
Carline	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Regular Cab	Regular Cab	Super Cab	Super Cab	Super Cab	Super Cab	Super Crew	Super Crew
Wheelbase	142.0	142.0	148.0	148.0	164.0	164.0	160.0	160.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	6692	6692	6865	6993	6994	7122	6960	7088
ETW	7000	7000	7000	7500	7500	7500	7500	7500
Loaded Weight LVW	6992	6992	7165	7293	7294	7422	7260	7388
ALVW-ETW	8500	8500	8500	9000	9000	9000	9000	9000
Adj. Loaded Weight	8646	8646	8733	8847	8797	9061	8780	8944
GVWR	10600	10600	10600	10700	10600	11000	10600	10800
GCWR	23500	31000	23500	31000	23500	31000	23500	31000
Min Axle Ratio	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Min N/V Ratio	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
Max N/V Ratio	23.1	24.8	23.1	24.8	23.1	24.8	23.1	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1
Max Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/65R18 - 22.7	LT275/65R18 - 24.3
Alt Tire 1		LT275/65R18 - 22.7		LT275/65R18 - 22.7		LT245/75R17 - 24.8		LT245/75R17 - 24.8
Alt Tire 2		LT245/75R17 - 24.8		LT245/75R17 - 24.8		LT275/65R18 - 22.7		LT275/65R18 - 22.7
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	2686	2686	2763	2891	2770	2898	2771	2899
DAW Empty Tank	2548	2548	2622	2750	2598	2726	2601	2729

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302769	5302765	5302767	5302733	5302774	5302754	5302713	5302721
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TZ	TZ	TV	TV	TV	TV	TU	TU
Carline	F250 PICKUP 2WD DIESEL	F250 PICKUP 2WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Super Crew	Super Crew	Regular Cab	Regular Cab	Super Cab	Super Cab	Super Cab	Super Cab
Wheelbase	175.5	175.5	142.0	142.0	148.0	148.0	164.0	164.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7207	7335	7040	7168	7434	7562	7535	7650
ETW	7500	7500	7500	7500	7500	8000	8000	8000
Loaded Weight LVW	7507	7635	7340	7468	7734	7862	7835	7950
ALVW-ETW	9000	9000	9000	9000	9000	9500	9000	9500
Adj. Loaded Weight	8904	9218	8820	9084	9017	9281	9067	9525
GVWR	10600	11100	10600	11000	10600	11000	10600	11400
GCWR	23500	31000	23500	31000	23500	31000	23500	31000
Min Axle Ratio	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Min N/V Ratio	22.7	22.7	21.3	21.3	21.3	21.3	21.3	21.3
Max N/V Ratio	23.1	24.8	23.1	24.8	23.1	24.8	23.1	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 23.1
Max Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT285/70R17 - 22.2	LT285/70R17 - 23.8	LT285/70R17 - 22.2	LT285/70R17 - 23.8	LT285/70R17 - 22.2	LT285/70R17 - 23.8
Alt Tire 1		LT275/65R18 - 22.7	LT275/65R20 - 21.3	LT275/70R18 - 23.5	LT275/65R20 - 21.3	LT275/65R18 - 24.3	LT275/65R20 - 21.3	LT275/70R18 - 21.9
Alt Tire 2		LT245/75R17 - 24.8	LT275/70R18 - 21.9	LT275/70R18 - 21.9	LT275/65R18 - 22.7	LT275/65R20 - 22.9	LT275/70R18 - 21.9	LT275/70R18 - 23.5
Alt Tire 3			LT275/65R18 - 22.7	LT275/65R20 - 22.9	LT275/70R18 - 21.9	LT285/70R17 - 22.2	LT275/65R18 - 22.7	LT285/70R17 - 22.2
Alt Tire 4				LT275/70R17 - 22.2		LT275/70R18 - 23.5		LT275/65R20 - 22.9
Alt Tire 5				LT245/75R17 - 24.8		LT275/70R18 - 21.9		LT275/65R18 - 24.3
Alt Tire 6				LT275/65R20 - 21.3		LT275/65R18 - 22.7		LT275/65R20 - 21.3
Alt Tire 7				LT275/65R18 - 24.3		LT245/75R17 - 24.8		LT245/75R17 - 24.8
DAW Full Tank	2885	3013	2677	2805	2914	3042	2907	3029
DAW Empty Tank	2661	2789	2539	2667	2773	2901	2735	2857

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302768	5302968	5302715	5302714	5302942	5302729	5302894	5302962
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TU	TU	TU	TZ	TZ	TZ	TV	TV
Carline	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F250 PICKUP 4WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Regular Cab	Regular Cab
Wheelbase	160.0	160.0	160.0	175.5	175.5	175.5	142.0	142.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7485	7503	7602	7798	7827	7926	6638	6638
ETW	8000	8000	8000	8000	8000	8000	7000	7000
Loaded Weight LVW	7785	7803	7902	8098	8127	8226	6938	6938
ALVW-ETW	9000	9500	9500	9000	9500	9500	8500	8500
Adj. Loaded Weight	9042	9252	9351	9199	9514	9663	8619	8619
GVWR	10600	11000	11100	10600	11200	11400	10600	10600
GCWR	23500	28300	31000	23500	28300	31000	31800	35200
Min Axle Ratio	3.31	3.55	3.31	3.31	3.55	3.31	3.31	3.55
Max Axle Ratio	3.31	3.55	3.55	3.31	3.55	3.55	3.31	3.55
Min N/V Ratio	21.3	22.4	21.3	21.3	22.4	21.3	23.1	24.8
Max N/V Ratio	23.1	22.4	24.8	23.1	22.4	24.8	23.1	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17 - 23.1	LT285/75R18 - 22.4	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT285/75R18 - 22.4	LT245/75R17 - 23.1	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Max Tire Size	LT285/70R17 - 22.2	LT285/75R18 - 22.4	LT285/70R17 - 23.8	LT285/70R17 - 22.2	LT285/75R18 - 22.4	LT285/70R17 - 23.8	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Alt Tire 1	LT275/65R20 - 21.3		LT275/65R20 - 21.3	LT275/65R20 - 21.3		LT275/65R20 - 21.3		
Alt Tire 2	LT275/70R18 - 21.9		LT245/75R17 - 24.8	LT275/70R18 - 21.9		LT245/75R17 - 24.8		
Alt Tire 3	LT275/65R18 - 22.7		LT275/65R18 - 24.3	LT275/65R18 - 22.7		LT275/65R18 - 24.3		
Alt Tire 4			LT275/65R18 - 22.7			LT275/65R18 - 22.7		
Alt Tire 5			LT275/70R18 - 23.5			LT275/70R18 - 23.5		
Alt Tire 6			LT275/70R18 - 21.9			LT275/70R18 - 21.9		
Alt Tire 7			LT275/65R20 - 22.9			LT275/65R20 - 22.9		
DAW Full Tank	2916	2980	3039	3016	3085	3144	2700	2700
DAW Empty Tank	2745	2810	2868	2792	2861	2920	2563	2563

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302872	5302744	5302866	5302770	5302915	5302911	5302732	5302856
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TV	TV	TV	TV	TV	TV	TU	TU
Carline	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Regular Cab	Regular Cab	Super Cab	Super Cab	Super Cab	Super Cab	Super Cab	Super Cab
Wheelbase	142.0	142.0	148.0	148.0	148.0	148.0	164.0	164.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	6696	6696	6871	6871	6928	6928	7092	7092
ETW	7000	7000	7000	7000	7000	7000	7500	7500
Loaded Weight LVW	6996	6996	7171	7171	7228	7228	7392	7392
ALVW-ETW	9000	9000	9000	9000	9000	9000	9000	9000
Adj. Loaded Weight	8898	8898	8785	8785	9064	9064	9046	9046
GVWR	11100	11100	10700	10700	11200	11200	11000	11000
GCWR	31800	35200	31800	35200	31800	35200	31800	35200
Min Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Min N/V Ratio	22.7	24.3	23.1	24.8	22.7	24.3	23.1	24.8
Max N/V Ratio	22.7	24.3	23.1	24.8	22.7	24.3	23.1	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Max Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	2737	2737	2811	2811	2837	2837	2898	2898
DAW Empty Tank	2600	2600	2670	2670	2696	2696	2725	2725

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302950	5302976	5302735	5302722	5302917	5302737	5302903	5302842
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TU	TU	TU	TU	TU	TU	TZ	TZ
Carline	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Super Cab	Super Cab	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew
Wheelbase	164.0	164.0	160.0	160.0	160.0	160.0	175.5	175.5
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7150	7150	7096	7096	7154	7154	7283	7283
ETW	7500	7500	7500	7500	7500	7500	7500	7500
Loaded Weight LVW	7450	7450	7396	7396	7454	7454	7583	7583
ALVW-ETW	9500	9500	9000	9000	9000	9000	9000	9000
Adj. Loaded Weight	9324	9324	8948	8948	9227	9227	9191	9191
GVWR	11499	11499	10800	10800	11300	11300	11100	11100
GCWR	31800	35200	31800	35200	31800	35200	31800	35200
Min Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Min N/V Ratio	22.7	24.3	23.1	24.8	22.7	24.3	23.1	24.8
Max N/V Ratio	22.7	24.3	23.1	24.8	22.7	24.3	23.1	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Max Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	2935	2935	2933	2933	2970	2970	2984	2984
DAW Empty Tank	2762	2762	2763	2763	2800	2800	2760	2760

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302923	5302840	5303021	5303018	5303027	5303029	5302726	5302717
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3NS0001	VTFHY3NS0001	VTFHY3NT0001	VTFHY3NT0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TZ	TZ	TV	TZ	TV	TZ	TV	TV
Carline	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 2WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Super Crew	Super Crew	Regular Cab	Super Crew	Regular Cab	Super Crew	Regular Cab	Regular Cab
Wheelbase	175.5	175.5	142.0	175.5	142.0	175.5	142.0	142.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7341	7341	7202	7871	7202	7871	7249	7249
ETW	7500	7500	7500	8000	7500	8000	7500	7500
Loaded Weight LVW	7641	7641	7502	8171	7502	8171	7549	7549
ALVW-ETW	9500	9500	10500	11000	10500	11000	9000	9000
Adj. Loaded Weight	9420	9420	10601	10935	10601	10935	9125	9125
GVWR	11499	11499	14000	14000	14000	14000	11000	11000
GCWR	31800	35200	40500	40500	45600	45600	31800	35200
Min Axle Ratio	3.31	3.55	3.55	3.55	4.1	4.1	3.31	3.55
Max Axle Ratio	3.31	3.55	3.55	3.55	4.1	4.1	3.31	3.55
Min N/V Ratio	22.7	24.3	24.8	24.8	28.6	28.6	22.2	23.8
Max N/V Ratio	22.7	24.3	24.8	24.8	28.6	28.6	23.1	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 24.8	LT245/75R17 - 24.8	LT245/75R17 - 28.6	LT245/75R17 - 28.6	LT245/75R17 - 23.1	LT245/75R17 - 24.8
Max Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT245/75R17 - 24.8	LT245/75R17 - 24.8	LT245/75R17 - 28.6	LT245/75R17 - 28.6	LT285/70R17 - 22.2	LT285/70R17 - 23.8
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	3021	3021	3051	3427	3051	3427	2848	2848
DAW Empty Tank	2797	2797	2914	3203	2914	3203	2712	2712

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302846	5302756	5302743	5302736	5302781	5302716	5302951	5302875
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TV	TV	TV	TV	TV	TV	TV	TV
Carline	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Super Cab	Super Cab	Super Cab	Super Cab
Wheelbase	142.0	142.0	142.0	142.0	148.0	148.0	148.0	148.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7307	7307	7312	7312	7586	7586	7644	7644
ETW	7500	7500	7500	7500	8000	8000	8000	8000
Loaded Weight LVW	7607	7607	7612	7612	7886	7886	7944	7944
ALVW-ETW	9500	9500	9500	9500	9500	9500	9500	9500
Adj. Loaded Weight	9403	9403	9656	9656	9293	9293	9571	9571
GVWR	11499	11499	12000	12000	11000	11000	11499	11499
GCWR	31800	35200	31800	35200	31800	35200	31800	35200
Min Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Min N/V Ratio	22.7	24.3	21.3	22.9	22.2	23.8	22.7	24.3
Max N/V Ratio	22.7	24.3	21.9	23.5	23.1	24.8	22.7	24.3
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/65R20 - 21.3	LT275/65R20 - 22.9	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3
Max Tire Size	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/70R18 - 21.9	LT275/70R18 - 23.5	LT285/70R17 - 22.2	LT285/70R17 - 23.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	2885	2885	2887	2887	3093	3093	3091	3091
DAW Empty Tank	2748	2748	2751	2751	2953	2953	2951	2951

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302783	5302709	5302800	5302712	5302815	5302766	5302710	5302718
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TV	TV	TU	TU	TU	TU	TU	TU
Carline	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Super Cab	Super Cab	Super Cab	Super Cab	Super Cab	Super Cab	Super Cab	Super Cab
Wheelbase	148.0	148.0	164.0	164.0	164.0	164.0	164.0	164.0
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7648	7648	7772	7772	7830	7830	7835	7835
ETW	8000	8000	8000	8000	8000	8000	8000	8000
Loaded Weight LVW	7948	7948	8072	8072	8130	8130	8135	8135
ALVW-ETW	10000	10000	9500	9500	9500	9500	10000	10000
Adj. Loaded Weight	9824	9824	9536	9536	9664	9664	10067	10067
GVWR	12000	12000	11300	11300	11499	11499	12300	12300
GCWR	31800	35200	31800	35200	31800	35200	31800	35200
Min Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.31	3.55
Min N/V Ratio	21.3	22.9	22.2	23.8	22.7	24.3	21.3	22.9
Max N/V Ratio	21.9	23.5	23.1	24.8	22.7	24.3	21.9	23.5
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R20 - 21.3	LT275/65R20 - 22.9	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/65R20 - 21.3	LT275/65R20 - 22.9
Max Tire Size	LT275/70R18 - 21.9	LT275/70R18 - 23.5	LT285/70R17 - 22.2	LT285/70R17 - 23.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/70R18 - 21.9	LT275/70R18 - 23.5
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	3125	3125	3146	3146	3183	3183	3185	3185
DAW Empty Tank	2985	2985	2974	2974	3011	3011	3013	3013

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302727	5302755	5302711	5302773	5302966	5302753	5302829	5305407
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001
Fuel Tank(s)	TU	TU	TU	TU	TU	TU	TU	TZ
Carline	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew
Wheelbase	160.0	160.0	160.0	160.0	160.0	160.0	160.0	175.5
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7789	7789	7847	7847	7852	7852	7852	7824
ETW	8000	8000	8000	8000	8000	8000	8000	8000
Loaded Weight LVW	8089	8089	8147	8147	8152	8152	8152	8124
ALVW-ETW	9500	9500	9500	9500	10000	10000	10000	10000
Adj. Loaded Weight	9494	9494	9673	9673	9926	9926	9926	10012
GVWR	11200	11200	11499	11499	12000	12000	12000	12200
GCWR	31800	35200	31800	35200	31200	31800	35200	31200
Min Axle Ratio	3.31	3.55	3.31	3.55	3.55	3.31	3.55	3.55
Max Axle Ratio	3.31	3.55	3.31	3.55	3.55	3.31	3.55	3.55
Min N/V Ratio	22.2	23.8	22.7	24.3	22.4	21.3	22.4	22.4
Max N/V Ratio	23.1	24.8	22.7	24.3	22.4	21.9	23.5	22.4
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT285/75R18 - 22.4	LT275/65R20 - 21.3	LT275/65R20 - 22.9	LT285/75R18 - 22.4
Max Tire Size	LT285/70R17 - 22.2	LT285/70R17 - 23.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT285/75R18 - 22.4	LT275/70R18 - 21.9	LT285/75R18 - 22.4	LT285/75R18 - 22.4
Alt Tire 1							LT275/70R18 - 23.5	
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	3165	3165	3202	3202	3204	3204	3204	3135
DAW Empty Tank	2995	2995	3031	3031	3033	3033	3033	2911

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5302772	5302814	5302749	5302776	5302876	5302908	5303017	5303019
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3ND0001	VTFHY3NS0001	VTFHY3NS0001
Fuel Tank(s)	TZ	TZ	TZ	TZ	TZ	TZ	TV	TZ
Carline	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS
Body Style	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Super Crew	Regular Cab	Super Crew
Wheelbase	175.5	175.5	175.5	175.5	175.5	175.5	142.0	175.5
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	8036	8036	8094	8094	8099	8099	7628	8317
ETW	8500	8500	8500	8500	8500	8500	8000	8500
Loaded Weight LVW	8336	8336	8394	8394	8399	8399	7928	8617
ALVW-ETW	10000	10000	10000	10000	10000	10000	11000	11000
Adj. Loaded Weight	9767	9767	10047	10047	10249	10249	10814	11159
GVWR	11499	11499	12000	12000	12400	12400	14000	14000
GCWR	31800	35200	31800	35200	31800	35200	40500	40500
Min Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.55	3.55
Max Axle Ratio	3.31	3.55	3.31	3.55	3.31	3.55	3.55	3.55
Min N/V Ratio	22.2	23.8	22.7	24.3	21.3	22.9	24.8	24.8
Max N/V Ratio	23.1	24.8	22.7	24.3	21.9	23.5	24.8	24.8
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17 - 23.1	LT245/75R17 - 24.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/65R20 - 21.3	LT275/65R20 - 22.9	LT245/75R17 - 24.8	LT245/75R17 - 24.8
Max Tire Size	LT285/70R17 - 22.2	LT285/70R17 - 23.8	LT275/65R18 - 22.7	LT275/65R18 - 24.3	LT275/70R18 - 21.9	LT275/70R18 - 23.5	LT245/75R17 - 24.8	LT245/75R17 - 24.8
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	3266	3266	3303	3303	3305	3305	3228	3556
DAW Empty Tank	3042	3042	3079	3079	3081	3081	3090	3332

Vehicle Description Report

Test Group: VFMXD06.771D

ID Number	5303025	5303031	5303037	5303034	5303035	5303036	5303033
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cert Code	VTFHY3NT0001	VTFHY3NT0001	VTFHY3NX0001	VTFHY3NX0001	VTFHY3NX0001	VTFHY3NX0001	VTFHY3NX0001
Fuel Tank(s)	TV	TZ	TV	TV	TZ	TV	TZ
Carline	F350 PICKUP 4WD DIESEL	F350 PICKUP 4WD DIESEL	F450 PICKUP 2WD DIESEL	F450 PICKUP 2WD DIESEL	F450 PICKUP 2WD DIESEL	F450 PICKUP 4WD DIESEL	F450 PICKUP 4WD DIESEL
Wheel Configuration	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS	DUAL REAR WHEELS
Body Style	Regular Cab	Super Crew	Regular Cab	Regular Cab	Super Crew	Regular Cab	Super Crew
Wheelbase	142.0	175.5	142.0	142.0	175.5	142.0	175.5
Transcode Combo	ESC	ESC	ESC	ESC	ESC	ESC	ESC
Curb Weight	7628	8317	7746	7746	8414	8228	8921
ETW	8000	8500	8000	8000	8500	8500	9000
Loaded Weight LVW	7928	8617	8046	8046	8714	8528	9221
ALVW-ETW	11000	11000	11000	11000	11000	11000	11500
Adj. Loaded Weight	10814	11159	10873	10873	11207	11114	11460
GVWR	14000	14000	14000	14000	14000	14000	14000
GCWR	45600	45600	46700	48000	43500	46700	43500
Min Axle Ratio	4.1	4.1	4.3	4.3	4.3	4.3	4.3
Max Axle Ratio	4.1	4.1	4.3	4.3	4.3	4.3	4.3
Min N/V Ratio	28.6	28.6	29.6	29.6	29.6	29.6	29.6
Max N/V Ratio	28.6	28.6	29.6	29.6	29.6	29.6	29.6
Emission Vehicle Class	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2	HDV2
Drive Code	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	Part-time 4-Wheel Drive	Part-time 4-Wheel Drive
Trans Type	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17 - 28.6	LT245/75R17 - 28.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6
Max Tire Size	LT245/75R17 - 28.6	LT245/75R17 - 28.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6	225/70R19.5 - 29.6
Alt Tire 1							
Alt Tire 2							
Alt Tire 3							
Alt Tire 4							
Alt Tire 5							
Alt Tire 6							
Alt Tire 7							
DAW Full Tank	3228	3556	3432	3432	3786	3605	3942
DAW Empty Tank	3090	3332	3294	3294	3562	3467	3718



SECTION 14

Request for Certification



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

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

April 20, 2026

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

Dear Ms. Frame:

Ford Motor Company (Ford) herewith submits its Part I Application for Certification for 2027 model year diesel-powered heavy-duty vehicles (HDVs) contained in Ford's 50 state test group VFMXD06.771D. We have elected to optionally certify these vehicles on a chassis dynamometer, as allowed under 40 CFR 86.1863-07. The test fuel used is Federal ultra-low sulfur diesel.

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

Certification & In-Use FTP Standards (g/mi)	Useful Life	NMOG+NOx	CO	HCHO	N2O	CH4	PM
HDV (10,001-14,000 lb GVWR) Tier 3 Bin 230	150K	0.230	4.2	0.006	0.19*	0.05	0.010

*Declared Standard

Certification & In-Use SFTP Standards (g/mi)	Useful Life	NMOG+NOx	CO	PM
HDV (10,001-14,000 lb GVWR) Tier 3 Bin 230	150K	0.350	4	0.007

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this Application are designed to comply with the applicable 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 HDV test group listed in this Application for Certification.

Please contact Connor Steffens 313-969-3035 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



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

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

April 20, 2026

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

Dear Ms. Lang:

Ford Motor Company (Ford) herewith submits Part I Application for Certification for the 2027 model year diesel-powered medium-duty vehicles (MDVs) contained in Ford's 50-State (Federal/CA) test group VFMXD06.771D. The test fuel used was Federal ultra-low sulfur diesel. 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 FTP certification and in-use standards applicable to this test group for vehicles offered in California are as follows:

Certification & In-Use FTP Standards (g/mi)	Useful Life	NMOG+NOx	CO	HCHO	PM
LEV III SULEV230	150K	0.230	4.2	0.006	0.010

Certification & In-Use SFTP Standards (g/mi)	Useful Life	NMOG+NOx	CO	PM
LEV III SULEV230	150K	0.350	4	0.007

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), Ford requests that an Executive Order be issued for the MDV test group listed in this Application for Certification.

Additionally, Ford Motor Company is requesting the Air Resources Board approve the following Standard Application for VFMXD06.771D based on Carryover data from PFMXD06.771D and Executive Order number A-010-2473. By signing this letter, Ford Motor Company is certifying that this model year's application package:

1. Includes no change to the emissions control system that would negatively impact data used to determine the Deterioration Factor.
2. The application package is complete and named correctly using the appropriate Document Management System (DMS) file and workflow naming conventions and submitted using the correct workflow process.

Please contact Connor Steffens at 313-969-3035, 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

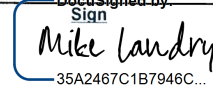
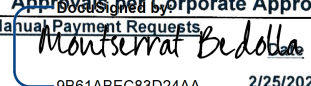
cc: M. Ortega



SECTION 15

Other Information

15.00.00.00

		SAP Manual Payment Request (North America)		REF NO: 306185					
NAME AND ADDRESS OF PAYEE Environmental Protection Agency-MVECP U.S. Bank - Government Lockbox 979032 1300 Pennsylvania Ave NW - Washington DC 20004-3002 The requestor is responsible to ensure the supplier code has correct company name, remit to and/or banking information whether the payment is going by check or electronically/ACH.			Employee	Ex-Employee / Board of Director	Company Code				
			Separate Check		Special Handling/ Instruction Key in S4				
			Y						
			Supplier Code		Due Date / Baseline Date	Currency	Amount		
			GXHSA	ASAP	USD	226,219.00			
REASON FOR DISBURSEMENT CERTIFICATION FEES - EPA STANDARD ENGINE FAMILY, EXHAUST EMISSION CONTROL SYSTEM									
Alternate Name & Address									
COMMENTS (Shown on Remittance Advice/Not to include PII)									
2026 MODEL YEAR CERTIFICATION FEES - (FORMS ATTACHED)									
GL Account	Profit Center	Cost Center	Internal Order	Reference Key1	Reference Key2	INVOICE #	INVOICE DATE	AMOUNT (Bracket Credits)	1099 Tax Type
63044030	2000005001	1000018234				306185	2/25/2026	226,219.00	N
								-	
						TOTAL		226,219.00	
2. Uses of Manual Payment Requests 3. Corporate Approval Authorities - Method of Payment						- Receipt of Service - Price Validation - Supported by invoice or other documentation			
TYPE OF INVOICE:		MANUAL PAYMENT REQUEST - PERMISSIBLE USES (use drop down with Alt+down arrow key):		Uses of Manual Payment Requests		Not in Uses of Manual Payment Request			
Requestor				Operations Approval - Receipt of Service					
Preparer/Requestor		CDS ID TOLIVER		Date 2/25/2026		Operations Approval		CDS ID MLANDRY	
						DocuSigned by: 		Date 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 MBEDOLLA		Sign 		Date 2/25/2026		CDS ID		Sign Date	
Finance LL6+ Unlimited						Finance LL5+ Unlimited			
It is important to protect personal data when retaining and forwarding this Payment Authorization Form and attachments, if any. Every effort must be made to prevent exposure.									
The space below may be used for additional local requirements									

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 01/27/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

FMX

Manufacturer Name *

Ford Motor Company

Contact Name *

Tina Oliver

Contact Email Address *

toliver@ford.com

Contact Phone *

3133238938

Calendar Year complete application submitted
to EPA *

2026

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

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

Engine Family / Evaporative Family / Test Group *

VFMXD06.771D

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

Connor Steffens, 313-969-3035

Tracking Information

Pay.gov Tracking ID: 27V2T439

Agency Tracking ID: 77278944396

EPA Form Number 3520-29

OMB Control No. 2060-0545

Approval expires 7/31/2027

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

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



SECTION 16

Confidential Information



SECTION 17

California ARB Requirements

17.00.00.00

VFMXD06.771D

VECI and EPL LABEL

180 MAX.			
45 MAX.	FoMoCo	Ford Motor Company VEHICLE EMISSION CONTROL INFORMATION	
	Conforms to regulations: 2027 MY		
	U.S. EPA: T3B230 HDV	OBD: CA OBD II	FUEL: Diesel
	California: SULEV230 MDV	OBD: CA OBD II	FUEL: Diesel
	TC/DFI/CAC/EGR/EGRC/OC/DPF/SCRC/NOXS/RDQS/NH3OC/PMS		No adjustments needed.
6.7L-Group: VFMXD06.771D			∇VW7E-9C485- M N R

VIEW EPL DATA																	
	Program Model Year	2027															
	PTVL	TFH															
	Group Name	VFMXD06.771D															
Model Year	Manufacturer	Make	Model Name	Test Group Name	Label Group	California Emission	Smog Rating	Fuel Type	Zero Emission	Flexible-Fuel	CO2 City (g/mi)	CO2 Highway (g/mi)	Combined (g/mi)	CO2 City (g/kWh)	CO2 Highway (g/kWh)	Combined (g/kWh)	GHG Rating
2027	Ford	Ford	F450 4x4	VFMXD06.771D	L3SULEV230	B	DIESEL-EPA	No	No	No	776	523	662.15	No	No	No	D
																	TFH

Test Group: VFMXD06.771D
Issued: April 16, 2026
Revised:



SECTION 18

Revisions

18.00.00.00

APPLICATION REVISIONS

<u>NO.</u>	<u>DATE</u>	<u>PAGE(S)</u>	<u>DESCRIPTION</u>
Initial Cert	04/21/2026	All	2027MY Initial Submission

Test Group: VFMXD06.771D
Issued: April 21, 2026
Revised:

Application for Certification

Part 2