

Application for Certification - Part 1

2027 Model Year

Durability Group VHNXGPGNN96A
Test Group VHNXT03.51W4
EVAP/Refueling Family VHNXR0150DAA

Carline Name (Code) PASSPORT AWD (01310)
 PASSPORT AWD Trailsport (01312)

Model Name PASSPORT AWD (RTL, RTL TOW, RTL BLK)
 PASSPORT AWD Trailsport (TS PORT, TSELIT, TS SDW, TSESDW, TSTRG, TRGSDW)

Vehicle Description

Vehicle Class (Federal) LDT2
 (California) Not applicable

 Combustion Cycle Otto Cycle / 4 Stroke
 Fuel Type / System Gasoline / Direct Fuel Injection
 Catalyst Code TW-150
 Engine 3.5 Liter / V6

Applicable Standards

Exhaust Emissions (Federal) Interim Tier 4 BIN 70 150k Mile
 (California) Not applicable 150k Mile

 Evaporative (Federal) Tier 3 150k Mile
 / Refueling Emissions (California) Not applicable 150k Mile

Exhaust Durability

DDV Configuration DVZJ1A- 00 Bench Age (HMA3-RA)

EVAP/Refueling Durability

DDV Configuration EHMR3A 00 Bench Age

Emission Data Vehicles

EDV Configuration

EVZJ1A- 00	FTP (L4E10)	VHNX10094480	ETZJ1A- 00	3D EVAP	THNX10088187
		VHNX91006834		R/L	THNX10088189
	HWY (L4E10)	VHNX91006832		2D EVAP	THNX10088142
	US06 (L4E10)	VHNX91006833		ORVR	THNX10088218
	SC03 (L4E10)	VHNX10094483	EHMR3A 00	Bleed	JHNX10046194
	Cold CO (T3E10)	VHNX10094484			
EVZJ1A- 01	FTP (E0)	VHNX10094486			
	HWY (E0)	VHNX10094487			
	US06 (E0)	VHNX10094488			
	SC03 (E0)	VHNX10094489			
	Cold CO (E0)	VHNX10094490			

EPA Response Requested by: August 17, 2026
CARB Response Requested by: September 21, 2026
 For Questions, Contact: Jesse Deeter, (937) 620-5517
Honda Motor Co., Ltd.

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- 01.00.00.00 Correspondence and Communications
Refer to 01.00.00.00¹ of Part 1 common section.
- 02.00.00.00 Durability Group Description
Refer to 02.00.00.00² of Part 1 common section.
- 03.00.00.00 Evaporative(EVAP)/Refueling Family Description
Refer to 03.00.00.00³ of Part 1 common section.
- 04.00.00.00 Durability Procedure Description
- 04.01.00.00 Durability demonstration procedures for exhaust emissions
Refer to 04.01.00.00⁴ of Part 1 common section and 16.04.01.00⁴ of this Part 1 application.
- 04.02.00.00 Durability demonstration procedures for EVAP/refueling emissions
Refer to 04.02.00.00⁵ of Part 1 common section.
- 04.03.00.00 Deterioration Factor (DF) information
Refer to Certification Summary Information Report
- 04.04.00.00 Equivalency Factor (EF) information

Catalyst Location		Close Coupled		Under Floor
		Front	Rear	
Equivalency	ARC/SRC	1.013701	0.831215	0.991352
Factor (EF)	SRC/ARC	0.986484	1.203058	1.008723
Useful Life Miles		150000		
Reference Temp °C (Tr)		830		
In-Use Correction Factor		1.10		
Catalyst Temp Sensitivity (R)		17500		

¹ Correspondence and Communications

² Durability Group Description

³ Evaporative(EVAP)/Refueling Family Description

⁴ Durability demonstration procedures for exhaust emissions

⁵ Durability demonstration procedures for EVAP/refueling emissions

05.00.00.00

Test Group Description

Test Group Name		VHNXT03.51W4
Model Name		PASSPORT AWD
		PASSPORT AWD Trailsport
Engine Displacement (CID)		212
Number of Cylinders		6
Arrangement of Cylinders		V-shaped
Vehicle Class	Federal	LDT2
	California	Not Applicable
Exhaust Emission Standards Class	Federal	Interim Tier 4 BIN 70
	California	Not Applicable
EVAP Emission Standards Class	Federal	Tier 3
	California	Not Applicable
Applicable Emission Standards		1)

1) Refer to Certification Summary Information Report.

06.00.00.00 Test Vehicle Description

For the complete vehicle description, refer to the Vehicle Information (VI) submitted to EV-CIS.

Test Purpose	Exhaust	
Test Vehicle Type	DDV	EDV
Test Vehicle Number	DVZJ1A	EVZJ1A
Configuration Number	00	00, 01
Emission Control System	2WU-TWC, TWC, 2WR-HO2S, 2HO2S, DFI	

Test Purpose	EVAP/ORVR	
Test Vehicle Type	DDV	EDV
Test Vehicle Number	EHMR3A	ETZJ1A, EHMR3A
Configuration Number	00	00

07.00.00.00 Test Results

(a) EPA CSI

Refer to the attached CSI data on the following pages for details.

Manufacturer	American Honda Motor Co., Inc.	Manufacturer Code	HNX
Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	07/29/2026 03:42:45 AM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

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

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	No
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	No
Fuel Cell Indicator	No	EPA Vehicle Class	LDT2
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	VHNXGPGNN96A	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VHNXT03.5CCC
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	--		
Mfr Test Group Comments	Litmus Judgment has been confirmed by 5 cycle tests with E0 fuel. EPA City Litmus Value: 18.1, EPA City Litmus Threshold: 17.7, EPA Highway Litmus Value: 22.5, EPA Highway Litmus Threshold: 22.6 (Test number for Litmus Judgement are FTP:VHNX10094486, HWY:VHNX10094487, US06:VHNX10094488, SC03:VHNX10094489, COLD:VHNX10094490)		
Mfr Exhaust / Evap Standards Comments	--		

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	Update for Correction	Submission/Correction Date	07/21/2026 08:32:27 PM				
Integrated ORVR?	Yes	Fuel(s)	Gasoline				
Multiple Fuel Storage	--						
Bladder Fuel Tank?	No						
Fuel Tank Material	Plastic	Fuel Tank Material Description	PE-HD/EVOH				
Fill Pipe Seal Type	Liquid seal						
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	--				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	--				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	150	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	--				
Mfr Evaporative/Refueling Family Comments	Common with CR-V Hybrid, PASSPORT, MDX 3.5L.						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	Yes	Applicability of Evaporative Canister Bleed Test	50 State				
Evaporative Canister Bleed Test Comments	--						
CARB Fuel Only (Rig) Test Indicator	No	Applicability of CARB Fuel Only (Rig) Test	--				
CARB Fuel Only (Rig) Test Comments	--						
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description				
VHNXR0150DAA-A00	50 State	0.02	CR-V Hybrid and MDX 3.5L				
VHNXR0150DAA-E00	50 State	0.02	PASSPORT				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
American Honda Motor Co., Inc.	1 - Honda	312 - PASSPORT AWD Trailsport	California + CAA Section 177 states	All Wheel Drive	Semi-Automatic	10	Yes
American Honda Motor Co., Inc.	1 - Honda	310 - PASSPORT AWD	Federal	All Wheel Drive	Semi-Automatic	10	Yes
American Honda Motor Co., Inc.	1 - Honda	310 - PASSPORT AWD	California + CAA Section 177 states	All Wheel Drive	Semi-Automatic	10	Yes
American Honda Motor Co., Inc.	1 - Honda	312 - PASSPORT AWD Trailsport	Federal	All Wheel Drive	Semi-Automatic	10	Yes

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA	
Engine Description				
Hybrid Type	--	Hybrid Description	--	
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--	
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description	--	
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	0W-20	
Number of Cylinders/Rotors	6	Mechanically Variable Compression Ratio Indicator	N	
After Treatment Device(s) (ATD)				
ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Palladium + Rhodium	Ceramic	Monolith
2	Three-way catalyst	Palladium + Rhodium	Ceramic	Monolith
3	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith
Mfr After Treatment Device (ATD) Comments				
--				
Direct Ozone Reduction (DOR) Device				
Not Equipped				
Mfr Emission Control Device Comments				
--				
Engine Configuration Number 1				
Engine Displacement (liters)	3.5	Engine Rated Horsepower	280	
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2	
Air Aspiration Method	Naturally Aspirated	Number of Air Aspiration Devices	--	
Air Aspiration Device Configuration	--	Charge Air Cooler Type	N/A	
Air Aspiration Drive Method(s)	--			
Cylinder Deactivation	Yes			
Cylinder Deactivation Description	Variable Cylinder Management (VCM) is applied.			
Variable Valve Timing	Yes			
Variable Valve Timing System Description	Variable valve Timing Control (VTC) system is applied.			
Variable Valve Lift?	No			
Variable Valve Lift System Description	--			
Number of Knock Sensors	2	Number of Air/Fuel Sensors	4	
Air/Fuel Sensor # 1 Type	Heated oxygen	Air/Fuel Sensor # 1 Description	--	
Air/Fuel Sensor # 2 Type	Heated oxygen	Air/Fuel Sensor # 2 Description	--	
Air/Fuel Sensor # 3 Type	Heated air fuel	Air/Fuel Sensor # 3 Description	--	
Air/Fuel Sensor # 4 Type	Heated air fuel	Air/Fuel Sensor # 4 Description	--	
Mfr Air/Fuel Sensor Comments	--			
Exhaust Gas Recirculation	No	Cooled Exhaust Gas Recirculation	No	
EGR Type	--	Exhaust Gas Recirculation Description if 'Other'	--	
Closed Loop Air Injection System	No			
Air Injection Type	--	Air Injection Type if 'Other'	--	
Mfr Engine Configuration Comments	--			

Test Group		VHNXT03.51W4				Evaporative/Refueling Family			VHNXR0150DAA		
Official Test Numbers											
Test Group	Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Gasoline	VHNX91006834	VHNX91006833	VHNX10094483	VHNX10094484	VHNX10094484	VHNX91006832	--	16.8	--	22.4	--
SFTP LEV-III Official Test Numbers											
Test Group Fuel		FTP		US06		SC03					
Gasoline		VHNX91006834		VHNX91006833		VHNX10094483					

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Emission Data Vehicle Information

Vehicle ID / Configuration	EHMR3A / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	JHNXT03.5M33	Original Evaporative/Refueling Family	JHNXR01502SA
Original Test Vehicle Model Year	2018		

Vehicle Model

Represented Test Vehicle Make	HONDA	Represented Test Vehicle Model	ODYSSEY FWD
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Leak Family Details

Leak Family Identifier	A00	Leak Family Name	JHNXR01502SA-A00
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Drive Sources and Fuel System Details

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

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	No
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	No	Odometer Correction Factor	1.006
Odometer Correction -- Initial	0		
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	JMR1A1	Rated Horsepower	280
Displacement (liters)	3.5	Air Aspiration Method, if 'Other'	
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--
Number of Air Aspiration Devices	--	Drive Mode While Testing	2-Wheel Drive, Front
Charge Air Cooler Type	N/A	Aged Emission Components	150,000 (mi)
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5000
Curb Weight (lbs)	4588	N/V Ratio	22.5
GVWR (lbs)	--		
Axle Ratio	3.61	# of Transmission Gears	10
Transmission Type	Semi-Automatic	Creep Gear	No
Transmission Lockup	Yes		

Dynamometer Coefficients:

Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)		C (lbf/mph**2)
City/Highway/Evap	35.87	-0.0473	0.0276	15.28	-0.2113	0.02765	13.7

Emission Control Device Comments --

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA						
Manufacturer Test Vehicle Comments	DRIVE MODE: ECON OFF, D-AUTO TIRE: 235/55R19 101H PARKING BRAKE MUST BE APPLIED ON DYNO. STARTING PROCEDURE PROVIDED IN VEHICLE. COOLING FAN USED FOR CITY : ROAD SPEED FAN WITH ENGINE HOOD CLOSED.								
Test #	JHNX10046194	Test Procedure	65 - Evap Canister Bleed Test						
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline						
Test Date	09/16/2016	Fuel	Gasoline						
Fuel Batch ID	QGLGC1	Fuel Calibration Number	1						
Vehicle Class	N/A	DF Type	Mfr. Determined						
Verify Test Lab ID	Honda R&D Co., Ltd. Automobile R&D Center (Tochigi)								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	0	Odometer Units	M						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	No								
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	No						
Test Results									
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.0116</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0116	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0116	--							
Manufacturer Test Comments	Bleed Test								
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.0116	--	0.012	0.020	Pass	

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Emission Data Vehicle Information			
Vehicle ID / Configuration	ETZJ1A / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	THNXT03.516S	Original Evaporative/Refueling Family	THNXR0150EAA
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	HONDA	Represented Test Vehicle Model	PASSPORT AWD Trailsport

Leak Family Details			
Leak Family Identifier	E00	Leak Family Name	THNXR0150EAA-E00

Drive Sources and Fuel System Details			
--	--	--	--

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

Hybrid Indicator	No		
Multiple Fuel Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	No
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	No		
Odometer Correction -- Initial	0	Odometer Correction Factor	0.998
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	TZJ1A1	Rated Horsepower	285
Displacement (liters)	3.5		
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--
Charge Air Cooler Type	N/A	Drive Mode While Testing	2-Wheel Drive, Front
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	4683	Equivalent Test Weight (pounds)	5000
GVWR (lbs)	5820	N/V Ratio	32.5
Axle Ratio	4.17		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	34.72	0.2304	0.03358	7.15	0.1695	0.0317	17.4
Cold CO	0	0	0	0	0	0	N/A
US06	0	0	0	0	0	0	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments MULTIMODE: D-Auto, Econ Off, TIRE SIZE: 275/60R18

Test #	THNX10088142	Test Procedure	27 - California fuel 2-day evap
Exhaust Test # for this Evap Test	THNX10088141	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	10/01/2024	Fuel	Gasoline
Fuel Batch ID	QRM244	Fuel Calibration Number	210
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Certification & Regulatory Compliance Division - Honda Motor Co., Ltd.		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	3800	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.257	--

Manufacturer Test Comments NMOG/NMHC FACTOR(1.1012) IS APPLIED. MFR 4K TEST (2D EVAP).TIRE SIZE: 275/60 R18. MULTIMODE:D-AUTO, ECON OFF. HSL(0.02561)/ Day1(0.23141)/ Day2(0.17878).Tested with CARB LEV4 E10 Regular Gasoline.

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.2570	0.05	0.307	0.400	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA						
Test #	THNX10088187	Test Procedure	38 - CA fuel 3-day evap.						
Exhaust Test # for this Evap Test	THNX10088186	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline						
Test Date	10/18/2024	Fuel	Gasoline						
Fuel Batch ID	QRM244	Fuel Calibration Number	212						
Vehicle Class	N/A	DF Type	Mfr. Determined						
Verify Test Lab ID	Certification & Regulatory Compliance Division - Honda Motor Co., Ltd.								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	3908	Odometer Units	M						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	No								
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes						
Test Results									
<table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.2994</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2994	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2994	--							
Manufacturer Test Comments									
NMOG/NMHC FACTOR(1.1012) IS APPLIED. MFR 4K TEST (3D EVAP).TIRE SIZE: 275/60 R18. MULTIMODE:D-AUTO, ECON OFF, HSL(0.06738)/ Day1(0.23206)/ Day2(0.18859)/ Day3(0.16780).Tested with CARB LEV4 E10 Regular Gasoline.									
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.2994	0.05	0.349	0.400	Pass	

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA						
Test #	THNX10088189	Test Procedure	37 - California Fuel Running Loss						
Exhaust Test # for this Evap Test	THNX10088186	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline						
Test Date	10/18/2024	Fuel	Gasoline						
Fuel Batch ID	QRM244	Fuel Calibration Number	212						
Vehicle Class	N/A	DF Type	Mfr. Determined						
Verify Test Lab ID	Certification & Regulatory Compliance Division - Honda Motor Co., Ltd.								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	3891	Odometer Units	M						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	No								
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes						
Test Results									
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Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0	--							
Manufacturer Test Comments									
NMOG/NMHC FACTOR(1.1012) IS APPLIED. MFR 4K TEST (RUNNING LOSS).TIRE SIZE: 275/60 R18. MULTIMODE:D-AUTO, ECON OFF. Tested with CARB LEV4 E10 Regular Gasoline.									
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.000	0.00	0.00	0.05	Pass	

Test Group		VHNXT03.51W4		Evaporative/Refueling Family		VHNXR0150DAA																				
Test #		THNX10088218		Test Procedure		24 - Federal fuel refueling test (ORVR)																				
Exhaust Test # for this Evap Test		THNX10088217		Test Fuel Type		48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)																				
Test Date		10/23/2024		Fuel		Gasoline																				
Fuel Batch ID		QRT245		Fuel Calibration Number		603																				
Vehicle Class		N/A		DF Type		Mfr. Determined																				
Verify Test Lab ID		Certification & Regulatory Compliance Division - Honda Motor Co., Ltd.																								
E10 Evaporative Test Measurement Method		--																								
Test Start Odometer Reading		3945		Odometer Units		M																				
4WD Test Dyno		No		Diesel Adjustment Factor Usage		--																				
State of Charge Delta		No																								
Drive Cycle Speed Tolerance Criteria		Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)		Road Speed Fan Usage		Yes																				
Test Results																										
<table><tr><td colspan="2">Test Result Name</td><td colspan="2">Unrounded Test Result</td><td colspan="5">Verify Calculated FE Equivalent Value (miles per gallon)</td></tr><tr><td colspan="2">HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td colspan="2">0.059</td><td colspan="5">--</td></tr></table>									Test Result Name		Unrounded Test Result		Verify Calculated FE Equivalent Value (miles per gallon)					HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)		0.059		--				
Test Result Name		Unrounded Test Result		Verify Calculated FE Equivalent Value (miles per gallon)																						
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)		0.059		--																						
Manufacturer Test Comments																										
NMOG/NMHC FACTOR(1.09978) IS APPLIED. MFR 4K TEST (ORVR).TIRE SIZE: 275/60 R18. MULTIMODE:D-AUTO, ECON OFF.																										
<table><tr><td>Certification Region</td><td>Useful Life</td><td>Standard Level</td><td>Emission Name</td><td>Rounded Result</td><td>Add DF</td><td>Certification Level</td><td>Standard</td><td>Pass/Fail</td></tr><tr><td>Fed</td><td>150,000 miles</td><td>Federal Tier 3 Evap</td><td>HC-TOTAL-EQUIV</td><td>0.059</td><td>0.02</td><td>0.08</td><td>0.20</td><td>Pass</td></tr></table>									Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.059	0.02	0.08	0.20	Pass
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail																		
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.059	0.02	0.08	0.20	Pass																		

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Emission Data Vehicle Information

Vehicle ID / Configuration	EVZJ1A / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	VHNXT03.51W4	Original Evaporative/Refueling Family	VHNXR0150DAA
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	HONDA	Represented Test Vehicle Model	Passport AWD Trailsport
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Leak Family Details

Leak Family Identifier	E00	Leak Family Name	VHNXR0150DAA-E00
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Drive Sources and Fuel System Details

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

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	No
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	No	Odometer Correction Factor	0.9926
Odometer Correction -- Initial	0		
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	VZJ1A1	Rated Horsepower	280
Displacement (liters)	3.5	Air Aspiration Method, if 'Other'	
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--
Number of Air Aspiration Devices	--	Drive Mode While Testing	2-Wheel Drive, Front
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5000
Curb Weight (lbs)	4743	N/V Ratio	24.7
GVWR (lbs)	5820		
Axle Ratio	4.17	# of Transmission Gears	10
Transmission Type	Semi-Automatic	Creep Gear	No
Transmission Lockup	Yes		

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	35.26	0.1839	0.03455	5.22	0.2784	0.03071	17.4
Cold CO	38.79	0.2023	0.038	0.03	0.1323	0.03492	N/A
US06	35.26	0.1839	0.03455	5.22	0.2784	0.03071	N/A

Emission Control Device Comments

Manufacturer Test Vehicle Comments

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MULTIMODE: D-Auto, Econ Off, TIRE: 275/60R18

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX10094480	Test Procedure	25 - California fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline
Test Date	05/19/2026	Fuel	Gasoline
Fuel Batch ID	AWM263	Fuel Calibration Number	2003
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3934	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
METHANE (CH4 - Methane)	0.00258	--	
CO (Carbon Monoxide)	0.072	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.1018417	--	
DT-EER (Drive Trace Energy Economy Rating)	0.2584007	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.3493304	--	
HCHO (Formaldehyde)	0.00031	--	
MFR FE (Manufacturer Fuel Economy)	23	23	
NOX (Nitrogen Oxide)	0.0079	--	
N2O (Nitrous Oxide)	0.00047	--	
HC-NM (Non-methane Hydrocarbon)	0.00619	--	
NMOG (Non-methane organic gases)	0.00681	--	
PM (Particulate Matter)	0.0002	--	
HC-TOTAL (Total Hydrocarbon)	0.00876	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	379.13	379	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	379.06	--	
Manufacturer Test Comments	NMOG/NMHC FACTOR(1.1012) IS APPLIED. MFR 4K TEST (FTP).		

Test Group		VHNXT03.51W4			Evaporative/Refueling Family					VHNXR0150DAA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 70	CO	0.07	--	--	--	0.20	--	0.3	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	HCHO	0.0003	--	--	--	0.0002	--	0.000	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0068	--	1.1012	--	0.0062	--	0.013	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG+NOX	0.0147	--	1.1012	--	--	--	0.023	0.070	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0079	--	--	--	0.0018	--	0.010	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	PM	0.0002	--	--	--	0.0000	--	0.000	0.003	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX10094484	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	05/22/2026	Fuel	Gasoline
Fuel Batch ID	AGW265	Fuel Calibration Number	501
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4015	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.00468	--
CO (Carbon Monoxide)	0.259	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.2026732	--
DT-EER (Drive Trace Energy Economy Rating)	0.0053093	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.0042937	--
MFR FE (Manufacturer Fuel Economy)	18.9	18.9
HC-NM (Non-methane Hydrocarbon)	0.02642	--
NMOG (Non-methane organic gases)	0.02907	--
HC-TOTAL (Total Hydrocarbon)	0.03107	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	458	--

Manufacturer Test Comments

NMOG/NMHC FACTOR(1.10049) IS APPLIED. MFR 4K TEST (Cold FTP).

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	50,000 miles	Federal Tier 3 Bin 70	CO	0.26	--	--	--	0.06	--	0.3	12.5	Pass
Fed	120,000 miles	Federal Tier 3 Bin 70	HC-NM	0.03	--	--	--	0.00	--	0.0	0.3	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX91006834	Test Procedure	25 - California fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline
Test Date	06/25/2026	Fuel	Gasoline
Fuel Batch ID	48154	Fuel Calibration Number	1
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4297	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	11.0019983	--	
ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.5834477	--	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	439.3929964	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.3468155	--	
FE BAG 1 (Bag 1 Fuel Economy)	19.7887908	--	
CH4 BAG 1 (Bag 1 Methane)	0.0060283	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.039932	--	
HC-TOTAL BAG 1 (Bag 1 Total Hydrocarbon)	0.0421008	--	
ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.8394526	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	410.4870538	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0662889	--	
FE BAG 2 (Bag 2 Fuel Economy)	21.2091387	--	
CH4 BAG 2 (Bag 2 Methane)	0.000948	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0003662	--	
HC-TOTAL BAG 2 (Bag 2 Total Hydrocarbon)	0.0012362	--	
ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.5790976	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	353.1915749	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0516801	--	
FE BAG 3 (Bag 3 Fuel Economy)	24.6500034	--	
CH4 BAG 3 (Bag 3 Methane)	0.0020968	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0005648	--	
HC-TOTAL BAG 3 (Bag 3 Total Hydrocarbon)	0.0025515	--	
METHANE (CH4 - Methane)	0.0023185	--	
CO (Carbon Monoxide)	0.1205046	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.6919886	--	
DT-EER (Drive Trace Energy Economy Rating)	0.7102267	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.0266535	--	
MFR FE (Manufacturer Fuel Economy)	21.7192627	--	
NOX (Nitrogen Oxide)	0.003962	--	
HC-NM (Non-methane Hydrocarbon)	0.0078549	--	
NMOG (Non-methane organic gases)	0.0086219	--	

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
	PM (Particulate Matter)	0.0002306	--
	HC-TOTAL (Total Hydrocarbon)	0.0100808	--
	Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
	Carbon-Related Exhaust Emissions	9999.9999999	401
	Test Result Name	Unrounded Test Result	Verify Calculated CO2
	Carbon dioxide	400.7313714	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 70	CO	0.12	--	--	--	0.20	--	0.3	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	CO-COMP	0.58	--	--	--	--	--	0.6	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0086	--	1.1012	--	0.0062	--	0.015	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG+NOX	0.0126	--	1.1012	--	--	--	0.021	0.070	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG+NOX-COMP	0.0193	--	1.1012	--	--	--	0.019	0.080	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0040	--	--	--	0.0018	--	0.006	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	PM	0.0002	--	--	--	0.0000	--	0.000	0.003	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX91006832	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline
Test Date	06/25/2026	Fuel	Gasoline
Fuel Batch ID	48154	Fuel Calibration Number	1
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4309	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
ACT-DISTANCE (Actual Distance Driven (miles))	10.2470323	--
METHANE (CH4 - Methane)	0.0009772	--
CO (Carbon Monoxide)	0.0660235	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.8543537	--
DT-EER (Drive Trace Energy Economy Rating)	0.1392902	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.3237443	--
MFR FE (Manufacturer Fuel Economy)	32.7790781	--
NOX (Nitrogen Oxide)	0.001328	--
HC-NM (Non-methane Hydrocarbon)	0.0007254	--
NMOG (Non-methane organic gases)	0.0007471	--
HC-TOTAL (Total Hydrocarbon)	0.0016636	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	9999.9999999	266

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	265.5596237	--

Manufacturer Test Comments --

Test Group		VHNXT03.51W4			Evaporative/Refueling Family					VHNXR0150DAA		
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	120,000 miles	Federal Tier 3 Bin 70	CREE	266	--	--	--	0.28	--	266	--	--
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0007	--	1.03	--	0.0062	--	0.007	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG+NOX	0.0020	--	1.03	--	--	--	0.010	0.070	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0013	--	--	--	0.0018	--	0.003	999.999	Pass

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

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX91006833	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline
Test Date	06/24/2026	Fuel	Gasoline
Fuel Batch ID	48154	Fuel Calibration Number	1
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4274	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA																																																																																
	<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>ACT-DISTANCE (Actual Distance Driven (miles))</td><td>8.0370033</td><td>--</td></tr><tr><td>ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)</td><td>1.7971555</td><td>--</td></tr><tr><td>CO2 BAG 1 (Bag 1 Carbon Dioxide)</td><td>616.229083</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>2.967812</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>14.024126</td><td>--</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.0059766</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>0.0154731</td><td>--</td></tr><tr><td>HC-TOTAL BAG 1 (Bag 1 Total Hydrocarbon)</td><td>0.0208638</td><td>--</td></tr><tr><td>ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)</td><td>6.239848</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>363.1764118</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>0.5773613</td><td>--</td></tr><tr><td>FE BAG 2 (Bag 2 Fuel Economy)</td><td>23.9163315</td><td>--</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.0026184</td><td>--</td></tr><tr><td>NMOG BAG 2 (Bag 2 Non-methane organic gases)</td><td>0.009001</td><td>--</td></tr><tr><td>HC-TOTAL BAG 2 (Bag 2 Total Hydrocarbon)</td><td>0.0112979</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.0033694</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>1.1118903</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>-4.399384</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-1.6711239</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>-8.302302</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>20.6579886</td><td>--</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.0040777</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.0101439</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.0104482</td><td>--</td></tr><tr><td>PM (Particulate Matter)</td><td>0.0003019</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.0134369</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	ACT-DISTANCE (Actual Distance Driven (miles))	8.0370033	--	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	1.7971555	--	CO2 BAG 1 (Bag 1 Carbon Dioxide)	616.229083	--	CO BAG 1 (Bag 1 Carbon Monoxide)	2.967812	--	FE BAG 1 (Bag 1 Fuel Economy)	14.024126	--	CH4 BAG 1 (Bag 1 Methane)	0.0059766	--	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0154731	--	HC-TOTAL BAG 1 (Bag 1 Total Hydrocarbon)	0.0208638	--	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	6.239848	--	CO2 BAG 2 (Bag 2 Carbon Dioxide)	363.1764118	--	CO BAG 2 (Bag 2 Carbon Monoxide)	0.5773613	--	FE BAG 2 (Bag 2 Fuel Economy)	23.9163315	--	CH4 BAG 2 (Bag 2 Methane)	0.0026184	--	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.009001	--	HC-TOTAL BAG 2 (Bag 2 Total Hydrocarbon)	0.0112979	--	METHANE (CH4 - Methane)	0.0033694	--	CO (Carbon Monoxide)	1.1118903	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-4.399384	--	DT-EER (Drive Trace Energy Economy Rating)	-1.6711239	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-8.302302	--	MFR FE (Manufacturer Fuel Economy)	20.6579886	--	NOX (Nitrogen Oxide)	0.0040777	--	HC-NM (Non-methane Hydrocarbon)	0.0101439	--	NMOG (Non-methane organic gases)	0.0104482	--	PM (Particulate Matter)	0.0003019	--	HC-TOTAL (Total Hydrocarbon)	0.0134369	--	
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																																																																
	ACT-DISTANCE (Actual Distance Driven (miles))	8.0370033	--																																																																																
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	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	6.239848	--																																																																																
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	363.1764118	--																																																																																
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.5773613	--																																																																																
	FE BAG 2 (Bag 2 Fuel Economy)	23.9163315	--																																																																																
	CH4 BAG 2 (Bag 2 Methane)	0.0026184	--																																																																																
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.009001	--																																																																																
	HC-TOTAL BAG 2 (Bag 2 Total Hydrocarbon)	0.0112979	--																																																																																
	METHANE (CH4 - Methane)	0.0033694	--																																																																																
	CO (Carbon Monoxide)	1.1118903	--																																																																																
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-4.399384	--																																																																																
	DT-EER (Drive Trace Energy Economy Rating)	-1.6711239	--																																																																																
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-8.302302	--																																																																																
	MFR FE (Manufacturer Fuel Economy)	20.6579886	--																																																																																
	NOX (Nitrogen Oxide)	0.0040777	--																																																																																
	HC-NM (Non-methane Hydrocarbon)	0.0101439	--																																																																																
	NMOG (Non-methane organic gases)	0.0104482	--																																																																																
	PM (Particulate Matter)	0.0003019	--																																																																																
	HC-TOTAL (Total Hydrocarbon)	0.0134369	--																																																																																
		<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>419.7615906</td><td>--</td></tr></table>	Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	419.7615906	--																																																																											
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Test Group		VHNXT03.51W4			Evaporative/Refueling Family					VHNXR0150DAA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 70	CO	1.1119	--	--	--	0.20	--	1.312	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0104	--	1.03	--	0.0062	--	0.017	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0041	--	--	--	0.0018	--	0.006	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	PM	0.0003	--	--	--	0.0000	--	0.000	0.006	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA																														
Test #	VHNX10094483	Test Procedure	95 - SC03																														
Exhaust Test # for this Evap Test	--	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline																														
Test Date	05/20/2026	Fuel	Gasoline																														
Fuel Batch ID	AWM263	Fuel Calibration Number	2003																														
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined																														
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory																																
E10 Evaporative Test Measurement Method	--																																
Test Start Odometer Reading	4000	Odometer Units	M																														
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--																														
State of Charge Delta	No																																
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																														
Test Results																																	
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Manufacturer Test Comments	NMOG/NMHC FACTOR(1.03) IS APPLIED. MFR 4K TEST (SC03).																																

Test Group		VHNXT03.51W4				Evaporative/Refueling Family				VHNXR0150DAA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 70	CO	0.0740	--	--	--	0.20	--	0.274	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0015	--	1.03	--	0.0062	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0061	--	--	--	0.0018	--	0.008	999.999	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Emission Data Vehicle Information

Vehicle ID / Configuration	EVZJ1A / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	VHNXT03.51W4	Original Evaporative/Refueling Family	VHNXR0150DAA
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	HONDA	Represented Test Vehicle Model	Passport AWD Trailsport
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Leak Family Details

Leak Family Identifier	E00	Leak Family Name	VHNXR0150DAA-E00
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Drive Sources and Fuel System Details

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

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	No
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	No	Odometer Correction Factor	0.9926
Odometer Correction -- Initial	0		
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	VZJ1A1	Rated Horsepower	280
Displacement (liters)	3.5		
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--
Charge Air Cooler Type	N/A	Drive Mode While Testing	2-Wheel Drive, Front
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	4743	Equivalent Test Weight (pounds)	5000
GVWR (lbs)	5820	N/V Ratio	24.7
Axle Ratio	4.17		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	35.26	0.1839	0.03455	5.22	0.2784	0.03071	17.4
Cold CO	38.79	0.2023	0.038	0.03	0.1323	0.03492	N/A
US06	35.26	0.1839	0.03455	5.22	0.2784	0.03071	N/A

Emission Control Device Comments--

Manufacturer Test Vehicle CommentsMULTIMODE: D-Auto, Econ Off, TIRE: 275/60R18

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX10094486	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	05/27/2026	Fuel	Gasoline
Fuel Batch ID	AWR262	Fuel Calibration Number	1601
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4062	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.00266	--
CO (Carbon Monoxide)	0.136	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.0569138	--
DT-EER (Drive Trace Energy Economy Rating)	0.0590931	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.1414376	--
HCHO (Formaldehyde)	0.00042	--
MFR FE (Manufacturer Fuel Economy)	23.2	23.2
NOX (Nitrogen Oxide)	0.0054	--
N2O (Nitrous Oxide)	0.00053	--
HC-NM (Non-methane Hydrocarbon)	0.0085	--
NMOG (Non-methane organic gases)	0.00884	--
HC-TOTAL (Total Hydrocarbon)	0.01114	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	383.25	383

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	382.68	--

Manufacturer Test Comments

NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (FTP).

Test Group		VHNXT03.51W4			Evaporative/Refueling Family				VHNXR0150DAA			
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	120,000 miles	Federal Tier 3 Bin 70	CREE	383	--	--	--	0.28	--	383	--	--

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

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA																														
Test #	VHNX10094490	Test Procedure	11 - Cold CO																														
Exhaust Test # for this Evap Test	--	Test Fuel Type	26 - Cold CO Regular (Tier 2)																														
Test Date	05/29/2026	Fuel	Gasoline																														
Fuel Batch ID	AGY265	Fuel Calibration Number	201																														
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined																														
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory																																
E10 Evaporative Test Measurement Method	--																																
Test Start Odometer Reading	4135	Odometer Units	M																														
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--																														
State of Charge Delta	No																																
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																														
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Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																															
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Manufacturer Test Comments	NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (Cold FTP).																																

Test Group		VHNXT03.51W4				Evaporative/Refueling Family				VHNXR0150DAA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	50,000 miles	Federal Tier 3 Bin 70	CO	0.45	--	--	--	0.06	--	0.5	12.5	Pass
Fed	120,000 miles	Federal Tier 3 Bin 70	HC-NM	0.04	--	--	--	0.00	--	0.0	0.3	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA																														
Test #	VHNX10094487	Test Procedure	3 - HWFE																														
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline																														
Test Date	05/27/2026	Fuel	Gasoline																														
Fuel Batch ID	AWR262	Fuel Calibration Number	1601																														
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined																														
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory																																
E10 Evaporative Test Measurement Method	--																																
Test Start Odometer Reading	4073	Odometer Units	M																														
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--																														
State of Charge Delta	No																																
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																														
Test Results																																	
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Manufacturer Test Comments	NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (HWY).																																

Test Group		VHNXT03.51W4			Evaporative/Refueling Family					VHNXR0150DAA		
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	120,000 miles	Federal Tier 3 Bin 70	CREE	266	--	--	--	0.28	--	266	--	--
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0011	--	1.03	--	0.0062	--	0.007	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG+NOX	0.0021	--	1.03	--	--	--	0.010	0.070	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0010	--	--	--	0.0018	--	0.003	999.999	Pass

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

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA																														
Test #	VHNX10094488	Test Procedure	90 - US06																														
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline																														
Test Date	05/27/2026	Fuel	Gasoline																														
Fuel Batch ID	AWR262	Fuel Calibration Number	1601																														
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined																														
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory																																
E10 Evaporative Test Measurement Method	--																																
Test Start Odometer Reading	4100	Odometer Units	M																														
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--																														
State of Charge Delta	No																																
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes																														
Test Results																																	
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Manufacturer Test Comments	NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (US06).																																

Test Group		VHNXT03.51W4				Evaporative/Refueling Family				VHNXR0150DAA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 70	CO	0.5300	--	--	--	0.20	--	0.730	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0145	--	1.03	--	0.0062	--	0.021	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0053	--	--	--	0.0018	--	0.007	999.999	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test #	VHNX10094489	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	05/27/2026	Fuel	Gasoline
Fuel Batch ID	AWR262	Fuel Calibration Number	1601
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	American Honda Motor Co., Inc. Ann Arbor Laboratory		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4120	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.00208	--
CO (Carbon Monoxide)	0.095	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.3823424	--
DT-EER (Drive Trace Energy Economy Rating)	0.2551426	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.4308229	--
MFR FE (Manufacturer Fuel Economy)	18.5	18.5
NOX (Nitrogen Oxide)	0.0066	--
NMOG (Non-methane organic gases)	0.00151	--
HC-TOTAL (Total Hydrocarbon)	0.00352	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	480.17	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	479.6	--

Manufacturer Test Comments

NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (SC03).

Test Group		VHNXT03.51W4				Evaporative/Refueling Family				VHNXR0150DAA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 70	CO	0.0950	--	--	--	0.20	--	0.295	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NMOG	0.0015	--	1.03	--	0.0062	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 70	NOX	0.0066	--	--	--	0.0018	--	0.008	999.999	Pass

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Fuel Properties			
Fuel Batch ID	AGW265	Fuel Calibration Number	501
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	05/20/2026
Fuel Batch Calibration Effective Date	05/20/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.741
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.9	Fuel Carbon Mass Fraction (E10)	0.826
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	QRM244	Fuel Calibration Number	212
Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline	Fuel Batch Calibration Date	05/17/2024
Fuel Batch Calibration Effective Date	05/17/2024	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17814
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.825	Weight Fraction CO2	--
Fuel Batch ID	QRT245	Fuel Calibration Number	603
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	10/04/2024
Fuel Batch Calibration Effective Date	10/04/2024	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17798
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--
Fuel Batch ID	AWR262	Fuel Calibration Number	1601
Test Fuel Type	61 - Tier 2 Cert Gasoline	Fuel Batch Calibration Date	05/04/2026
Fuel Batch Calibration Effective Date	05/04/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	--	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18469
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.865	Weight Fraction CO2	--
Fuel Batch ID	AWM263	Fuel Calibration Number	2003
Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline	Fuel Batch Calibration Date	05/18/2026
Fuel Batch Calibration Effective Date	05/18/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.754
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.64	Fuel Carbon Mass Fraction (E10)	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	AGY265	Fuel Calibration Number	201
Test Fuel Type	26 - Cold CO Regular (Tier 2)	Fuel Batch Calibration Date	05/28/2026
Fuel Batch Calibration Effective Date	05/28/2026	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.738
Fuel Ethanol Volume Percent (%)	--	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18465
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.865	Weight Fraction CO2	--
Fuel Batch ID	QGLGC1	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	12/01/2016
Fuel Batch Calibration Effective Date	12/01/2016	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.75
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18535
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.863	Weight Fraction CO2	--
Fuel Batch ID	QRM244	Fuel Calibration Number	210

Test Group	VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	05/17/2024
Fuel Batch Calibration Effective Date	05/17/2024	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17814
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.825	Weight Fraction CO2	--
Fuel Batch ID	48154	Fuel Calibration Number	1
Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline	Fuel Batch Calibration Date	07/23/2025
Fuel Batch Calibration Effective Date	07/23/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.753
Fuel Ethanol Volume Percent (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17888
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.491	Fuel Carbon Mass Fraction (E10)	0.829
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.827	Weight Fraction CO2	--

Test Group		VHNXT03.51W4			Evaporative/Refueling Family		VHNXR0150DAA		
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code		Cert		
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level		Federal Tier 3 Bin 70		
Fuel		Gasoline			Test Procedure		California fuel 2-day exhaust (w/can load)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.20	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	HCHO	--	--	--	--	--	--	0.0002	0.004
150,000 miles	NMOG	--	--	1.1012	--	--	--	0.0062	999.999
150,000 miles	NMOG+NOX	--	--	1.1012	--	--	1	--	0.070
150,000 miles	NMOG+NOX-COMP	--	--	1.1012	--	--	--	--	0.080
150,000 miles	NOX	--	--	--	--	--	--	0.0018	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.003
Cert Region		Federal			Cert/In-Use Code		Cert		
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level		Federal Tier 3 Bin 70		
Fuel		Gasoline			Test Procedure		SC03		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.20	999.999
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	999.999
150,000 miles	NOX	--	--	--	--	--	--	0.0018	999.999
Cert Region		Federal			Cert/In-Use Code		Cert		
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level		Federal Tier 3 Bin 70		
Fuel		Gasoline			Test Procedure		Federal fuel 2-day exhaust (w/can load)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.28	999.999

Test Group		VHNXT03.51W4			Evaporative/Refueling Family			VHNXR0150DAA	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 70	
Fuel		Gasoline			Test Procedure			HWFE	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.28	999.999
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	999.999
150,000 miles	NMOG+NOX	--	--	1.03	--	--	1	--	0.070
150,000 miles	NOX	--	--	--	--	--	--	0.0018	999.999

Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 70	
Fuel		Gasoline			Test Procedure			US06	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.20	999.999
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0062	999.999
150,000 miles	NOX	--	--	--	--	--	--	0.0018	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006

Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 70	
Fuel		Gasoline			Test Procedure			Cold CO	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.06	12.5
120,000 miles	HC-NM	--	--	--	--	--	--	0.00	0.3

Evaporative/Refueling Standards

Evaporative/Refueling Family		VHNXR0150DAA		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		California fuel 2-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.400	0.05		

Test Group		VHNXT03.51W4		Evaporative/Refueling Family		VHNXR0150DAA	
Evaporative/Refueling Family		VHNXR0150DAA		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		CA fuel 3-day evap.					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.400	0.05		
Evaporative/Refueling Family		VHNXR0150DAA		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal fuel refueling test (ORVR)					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.02		
Evaporative/Refueling Family		VHNXR0150DAA		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		California Fuel Running Loss					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.00		
Evaporative/Refueling Family		VHNXR0150DAA		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		Evap Canister Bleed Test					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	--		

Test Group		VHNXT03.51W4	Evaporative/Refueling Family		VHNXR0150DAA
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	

Test Group		VHNXT03.51W4	Evaporative/Refueling Family		VHNXR0150DAA
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	

Test Group		VHNXT03.51W4	Evaporative/Refueling Family	VHNXR0150DAA
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	

Test Group		VHNXT03.51W4	Evaporative/Refueling Family		VHNXR0150DAA
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	

08.00.00.00	Waiver Statements
	Refer to 08.00.00.00 ¹ of Part 1 common section.
09.00.00.00	OBD System Description
	Refer to 09.00.00.00 ² of Part 1 common section and 16.09.00.00 ² of this Part 1 application.
10.00.00.00	Description of Alternate-fueled Vehicles
	Not applicable
11.00.00.00	AECD Descriptions
	Description and justification of AECD
	Refer to 16.11.01.00 ³ of this Part 1 application.

¹ Waiver Statements

² OBD System Description

³ General description of AECDs

12.00.00.00 Description of vehicles covered by certificate and test parameters

12.01.00.00 Vehicle parameters

Carline name (Code)		PASSPORT AWD (01310)	PASSPORT AWD Trailsport (01312)
Model Name		PASSPORT	
		RTL, RTLTOW, RTLBLK	TSPORT, TSELIT, TS SDW, TSESDW, TSTRG, TRGSDW
Vehicle Classification		Federal	LDT2
		California	Not Applicable
Emission Control System Description	Catalyst	Code	TW-150
		Type/Number/ Configuration	1)
	EGR	Type	Not Applicable
	Air Pump	Type	Not Applicable
	Fuel System	Type	Direct Fuel Injection
	Intake Air Aspiration	Method	Naturally aspirated
Other		Not Applicable	
Engine Code		VZJ1A1	
Number of Valves per Cylinder		4	
Engine Displacement (CID)		212	
Sales Area		50 States	
Transmission		10 semi-A/T	
Overdrive		Yes	
SIL		Not Applicable	
Tire Size		265/60R18 110H	275/60R18 113T
N/V Ratio		24.7	
ETW (lbs)		4,750	5,000
EVAP Canister Nominal Working Capacity (g)		150	
EVAP Canister Volume (cc)		2,442	
Fuel Tank Capacity (gallon)		18.5	
Active Grill Shutter		Yes	

1) Refer to 16.02.01.00¹ of Part 1 common section.

¹ Catalyst specifications

12.02.00.00 Test parameters and special test procedure

12.02.01.00 Engine starting procedures

Refer to 12.02.01.00¹ of Part 1 common section.

12.02.02.00 Shift schedule

(a) Manufacturer's recommended shift procedure for Automatic mode;

Use "D" position.

Note: The foot brake must be applied to change the shift selector from parking ("P").

For Manual mode

Not applicable for certification test.

(b) EV-CIS shift schedule ID

Mode	CITY	HWY	US06	SC03
Automatic mode	FTA	HWA	USA	SCA
Manual mode		Not applicable		

(c) Test condition

Automatic mode is used for certification emission test and fuel economy test.

12.02.03.00 Engine Oil

GF-6 Engine Oil is used for certification emission test and fuel economy test.

Specifications	For factory fill		For Certification and fuel economy test
Brand/ Supplier of oil	11FEO-KAI JX Nippon Oil & Energy Corporation	11FEO-KAI IDEMITSU KOSAN CO., LTD 11FEO-AL IDEMITSU KOSAN CO., LTD	Honda Ultimate Phillips 66 Lubricants
Type of oil	Full synthetic	Full synthetic	Full synthetic
API Category and SAE Viscosity Grade	--- 0W-20	--- 0W-20	API SP / GF-6 0W-20
FEI Sum (VIE sequence)	4.67	5.74	3.89

¹ Engine starting procedures

12.02.04.00 Dynamometer loading information - Road force and dynamometer setting specifications

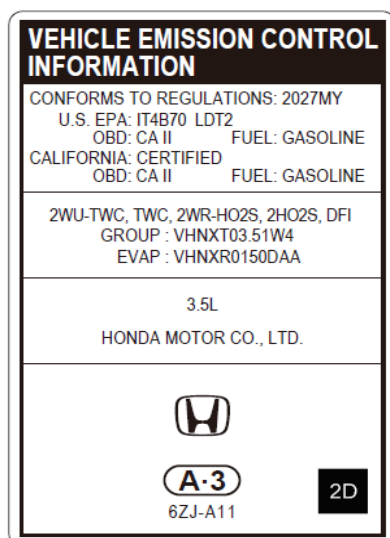
Trans mission	Model Name	ETW	Tire Size	Target Coefficient Standard	Target Coefficient Cold
10 semi-A/T	PASSPORT AWD RTL, RTL TOW, RTL BLK	4,750	265/60R18 110H	A: 28.75 B: 0.1673 C: 0.03158	A: 31.62 B: 0.1840 C: 0.03474
	PASSPORT AWD TrailSport TSPORT, TSELIT, TS SDW, TSESDW, TSTRG, TS SDW, TRGSDW	5,000	275/60R18 113T	A: 35.26 B: 0.1839 C: 0.03455	A: 38.79 B: 0.2023 C: 0.03800

Road load has been determined through coast down method which follows SAE J2263 and also approved by EPA.

12.02.05.00 Fuel Tank Temperature Profile (FTTP)

Refer to 12.02.04.00¹ of this Part 1 application.

12.03.00.00 Emission control label



¹ Fuel Tank Temperature Profile (FTTP)

13.00.00.00	Projected Sales
	Refer to 13.00.00.00 ¹ of Part 1 common section.
14.00.00.00	Request for Approval
14.01.00.00	Request for certificate
	Honda Motor Co., Ltd. requests that EPA issues a certificate of conformity, signed by an authorized representative, for the combination of the test group (refer to 05.00.00.00 ² of this Part 1 application) and EVAP/refueling family (refer to 03.00.00.00 ³ of this Part 1 application).
	For the applicable test results, refer to 07.00.00.00 ⁴ of this Part 1 application.
14.02.00.00	Request for Executive Order
	Honda Motor Co., Ltd. requests that California Air Resources Board issues an Executive Order, signed by an authorized representative, for the combination of the test group (refer to 05.00.00.00 ² of this Part 1 application) and EVAP/refueling family (refer to 03.00.00.00 ³ of this Part 1 application).
	For the applicable test results, refer to 07.00.00.00 ⁴ of this Part 1 application.
14.03.00.00	Statement of compliance
	Refer to 14.03.00.00 ⁵ of Part 1 common section.
15.00.00.00	Other Information
15.01.00.00	Fee filing form

¹ Projected sales information

² Test Group Description

³ Evaporative(EVAP)/Refueling Family Description

⁴ Test Results

⁵ Statement of compliance

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 06/04/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

HNX

Manufacturer Name *

American Honda Motor Co., Inc.

Contact Name *

Mitchell Poeung

Contact Email Address *

mitchell_poeung@na.honda.com

Contact Phone *

(310) 701-5605

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.

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Engine Family / Evaporative Family / Test Group *

VHNXT03.51W4

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

Amount Owed

\$32,317.00

Payment Type *

Offline ACH

Comments

Model(s): Passport

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.