

Certification Summary Information Report

Manufacturer	American Honda Motor Co., Inc.	Manufacturer Code	HNX
Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Certificate Number	THNXV01.58ND-021	CARB Executive Order #	--
Certificate Issue Date	10/07/2025	Certificate Revision Date	--
Certificate Effective Date	10/07/2025	Conditional Certificate	No
CSI Revision #	--	CSI Submission/Revision Date	07/24/2025 08:06:53 PM
Model Year	2026		

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	LDV
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	THNXGPGNN7FB	Durability Group Equivalency Factor	1.2
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	12/01/2025	CAP2000 Conditional Certificate?	No
Independent Commercial Importer?	No	Alternative Fuel Converter Certificate?	No
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	THNXT01.5NST
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 E10 fuel. EPA City Litmus Value: 23.2, EPA City Litmus Threshold: 21.9, EPA Highway Litmus Value: 28.1, EPA Highway Litmus Threshold: 26.5.		
Mfr Exhaust / Evap Standards Comments	--		

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	Update for Correction	Submission/Correction Date	07/23/2025 12:37:00 AM				
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)	122	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	--				
Mfr Evaporative/Refueling Family Comments	CIVIC Si/ CIVIC TYPE R/ ADX/ INTEGRA(CVT)/ INTEGRA(MT)/INTEGRA TYPE-S						
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				
THNXR0122DBA-D00	50 State	0.02	CIVIC Type-R /INTEGRA TYPE-S				
THNXR0122DBA-A00	50 State	0.02	SIVIC Si/ INTEGRA(CVT)/ INTEGRA(MT)/ADX				
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.	2 - Acura	81 - ADX AWD	California + CAA Section 177 states	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	7	Yes
American Honda Motor Co., Inc.	2 - Acura	82 - ADX FWD	California + CAA Section 177 states	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	7	Yes
American Honda Motor Co., Inc.	2 - Acura	82 - ADX FWD	Federal	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	7	Yes
American Honda Motor Co., Inc.	2 - Acura	81 - ADX AWD	Federal	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	7	Yes

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA	
Engine Description				
Hybrid Type	--	Hybrid Description	--	
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--	
Engine Block Arrangement	Inline	Mfr Engine Block Arrangement Description	--	
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	0W-20	
Number of Cylinders/Rotors	4	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
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)	1.5	Engine Rated Horsepower	190	
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	Air	
Air Aspiration Drive Method(s)	Mechanical			
Cylinder Deactivation	No			
Cylinder Deactivation Description	--			
Variable Valve Timing	Yes			
Variable Valve Timing System Description	Variable valve Timing (VTC) and lift Electronic Control (VTEC) system is applied.			
Variable Valve Lift?	Yes			
Variable Valve Lift System Description	Variable valve Timing and lift Electronic Control (VTEC) system is applied.			
Number of Knock Sensors	1	Number of Air/Fuel Sensors	2	
Air/Fuel Sensor # 1 Type	Heated oxygen	Air/Fuel Sensor # 1 Description	--	
Air/Fuel Sensor # 2 Type	Heated air fuel	Air/Fuel Sensor # 2 Description	--	
Mfr Air/Fuel Sensor Comments	--			
Exhaust Gas Recirculation	No	Cooled Exhaust Gas Recirculation	No	
EGR Type	--	Exhaust Gas Recirculation Description if 'Other'	--	
Closed Loop Air Injection System	No			
Air Injection Type	Not Applicable	Air Injection Type if 'Other'	--	
Mfr Engine Configuration Comments	--			

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Test Group		THNXV01.58ND				Evaporative/Refueling Family			THNXR0122DBA		
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		SHNX91006068	SHNX91006073	SHNX10087508	SHNX10087509	SHNX91006069	118.8	228.2	999.9	286.1	--
SFTP LEV-III Official Test Numbers											
Test Group Fuel		FTP			US06		SC03				
Gasoline		SHNX91006068			SHNX91006073		SHNX10087508				

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ESVJ1C / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SHNXV01.58ND	Original Evaporative/Refueling Family	SHNXR0122DBA						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	ACURA	Represented Test Vehicle Model	ADX AWD						
Leak Family Details									
Leak Family Identifier	A00	Leak Family Name	SHNXR0122DBA-A00						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline		
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	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	1.015						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	SVJ2C1	Rated Horsepower	190						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3531	Equivalent Test Weight (pounds)	3875						
GVWR (lbs)	4553	N/V Ratio	11						
Axle Ratio	5.64								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	7						
Transmission Lockup	Yes	Creep Gear	No						

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
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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	46.04	-0.1854	0.0279	0.77	0.639	0.01745	14.2
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, Normal, TIRE SIZE: 225/55R18 SET COEFFICIENTS FOR 2DAY EVAP ARE A: 0.59/ B: 0.6297/ C: 0.01752

Test #	SHNX10087599	Test Procedure	27 - California fuel 2-day evap
Exhaust Test # for this Evap Test	SHNX10087596	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	07/26/2024	Fuel	Gasoline
Fuel Batch ID	QRM244	Fuel Calibration Number	204
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	3944	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)	0.1868	--

Manufacturer Test Comments NMOG/NMHC FACTOR(1.1012) IS APPLIED. MFR 4K TEST (2D EVAP).TIRE SIZE: 235/55R18. MULTIMODE:D-AUTO, NORMAL. HSL(0.01711)/ Day1(0.16966)/ Day2(0.13309).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	0.1868	0.02	0.207	0.3	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.1868	0.02	0.207	0.3	Pass

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Test #	SHNX10087600	Test Procedure	24 - Federal fuel refueling test (ORVR)						
Exhaust Test # for this Evap Test	SHNX10087598	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)						
Test Date	07/18/2024	Fuel	Gasoline						
Fuel Batch ID	QRT236	Fuel Calibration Number	503						
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	3828	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"> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.0107</td> <td>--</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)	0.0107	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0107	--							
Manufacturer Test Comments									
NMOG/NMHC FACTOR(1.09907) IS APPLIED. MFR 4K TEST (ORVR).TIRE SIZE: 235/55R18. MULTIMODE:D-AUTO, NORMAL.									
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	0.011	0.01	0.02	0.2	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.011	0.01	0.02	0.2	Pass	

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Test #	SHNX10087609	Test Procedure	37 - California Fuel Running Loss						
Exhaust Test # for this Evap Test	SHNX10087597	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline						
Test Date	08/27/2024	Fuel	Gasoline						
Fuel Batch ID	QRM244	Fuel Calibration Number	206						
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	4083	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"> <tr> <td>Test Result Name</td> <td>Unrounded Test Result</td> <td>Verify Calculated FE Equivalent Value (miles per gallon)</td> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0</td> <td>--</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	--
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: 235/55R18. MULTIMODE:D-AUTO, NORMAL. 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	0	0	0.05	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0	0	0	0.01	Pass	

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Test #	SHNX10087601	Test Procedure	65 - Evap Canister Bleed Test						
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline						
Test Date	07/27/2024	Fuel	Gasoline						
Fuel Batch ID	QRM244	Fuel Calibration Number	204						
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	--								
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><tr><td>Test Result Name</td><td>Unrounded Test Result</td><td>Verify Calculated FE Equivalent Value (miles per gallon)</td></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.0024</td><td>--</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)	0.0024	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0024	--							
Manufacturer Test Comments									
Bleed Test. 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	0.0024	0	0.002	0.02	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.0024	0	0.002	0.02	Pass	

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Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ESVJ2C / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SHNXV01.58ND	Original Evaporative/Refueling Family	SHNXR0122DBA						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	ACURA	Represented Test Vehicle Model	ADX AWD						
Leak Family Details									
Leak Family Identifier	A00	Leak Family Name	SHNXR0122DBA-A00						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline		
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	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	1.002						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	SVJ2C1	Rated Horsepower	190						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3531	Equivalent Test Weight (pounds)	3875						
GVWR (lbs)	4553	N/V Ratio	11						
Axle Ratio	5.64								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	7						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family		THNXR0122DBA	
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	46.04	-0.1854	0.0279	-0.88	0.6239	0.01806	14.2	
Cold CO	50.64	-0.2039	0.03069	0.63	0.4668	0.02162	N/A	
US06	46.04	-0.1854	0.0279	-0.88	0.6239	0.01806	N/A	
Emission Control Device Comments		--						
Manufacturer Test Vehicle Comments		MULTIMODE: D-Auto, Snow, TIRE SIZE: 225/55R18						

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Test #	SHNX10087505	Test Procedure	25 - California fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	07/12/2024	Fuel	Gasoline
Fuel Batch ID	QRM244	Fuel Calibration Number	202
Vehicle Class	LDV/Passenger Car	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	4560	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)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	307.9	--	
FE BAG 1 (Bag 1 Fuel Economy)	28.2	28.2	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	307.08	--	
FE BAG 2 (Bag 2 Fuel Economy)	28.4	28.4	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	278.15	--	
FE BAG 3 (Bag 3 Fuel Economy)	31.3	31.3	
METHANE (CH4 - Methane)	0.00227	--	
CO (Carbon Monoxide)	0.345	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.2509274	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.1168563	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.3256475	--	
HCHO (Formaldehyde)	0.00021	--	
MFR FE (Manufacturer Fuel Economy)	29.1	29.1	
NOX (Nitrogen Oxide)	0.0046	--	
HC-NM (Non-methane Hydrocarbon)	0.0043	--	
NMOG (Non-methane organic gases)	0.00471	--	
PM (Particulate Matter)	0.00014	--	
HC-TOTAL (Total Hydrocarbon)	0.00631	--	

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Test Group		THNXV01.58ND			Evaporative/Refueling Family				THNXR0122DBA			
		Test Result Name		Unrounded Test Result		Verify Calculated CREE/OPT-CREE						
		Carbon-Related Exhaust Emissions		304.5		999						
		Test Result Name		Unrounded Test Result		Verify Calculated CO2						
		Carbon dioxide		299.3		--						
Manufacturer Test Comments		NMOG/NMHC FACTOR(1.1012) IS APPLIED. MFR 4K TEST (FTP). Tested with CARB LEV4 E10 Regular Gasoline.										
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 50	CO	0.34	--	--	--	0.24	--	0.6	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	HCHO	0.0002	--	--	--	0.0002	--	0	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0047	--	1.1012	--	0.0043	--	0.009	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0093	--	1.1012	--	--	--	0.017	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0046	--	--	--	0.0035	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0001	--	--	--	0	--	0	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.34	--	--	--	0.24	--	0.6	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	HCHO	0.0002	--	--	--	0.0002	--	0	0.004	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0047	--	1.1012	--	0.0043	--	0.009	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0093	--	1.1012	--	--	--	0.017	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0046	--	--	--	0.0035	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0001	--	--	--	0	--	0	0.003	Pass

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA																																																
Test #	SHNX10087509	Test Procedure	11 - Cold CO																																																
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)																																																
Test Date	07/25/2024	Fuel	Gasoline																																																
Fuel Batch ID	QRW23C	Fuel Calibration Number	501																																																
Vehicle Class	LDV/Passenger Car	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	4819	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(999) IS APPLIED. MFR 4K TEST (Cold FTP).																																																		

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
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 50	CO	0.43	--	--	--	0.08	--	0.5	10.0	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	HC-NM	0.01	--	--	--	0	--	0	0.3	Pass
CA	50,000 miles	California LEV-IV ULEV50	CO	0.43	--	--	--	0.08	--	0.5	10.0	Pass

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA																																										
Test #	SHNX10091629	Test Procedure	49 - Quick-Driveway (QD)																																										
Exhaust Test # for this Evap Test	--	Test Fuel Type	51 - CARB LEV4 E10 Regular Gasoline																																										
Test Date	07/19/2024	Fuel	Gasoline																																										
Fuel Batch ID	QRM244	Fuel Calibration Number	203																																										
Vehicle Class	LDV/Passenger Car	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	4757	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(1.1012) IS APPLIED. MFR 4K TEST (Quick-Driveway).																																												

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
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-IV ULEV50	NMOG	0.0044	--	1.1012	--	0.0043	--	0.009	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.009	--	1.1012	--	--	--	0.017	0.062	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0046	--	--	--	0.0035	--	0.008	999.999	Pass

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Test #	SHNX91006068	Test Procedure	25 - California fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	10/04/2024	Fuel	Gasoline
Fuel Batch ID	41630	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5315	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)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	308.5570374	--
FE BAG 1 (Bag 1 Fuel Economy)	999	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	304.9058228	--
FE BAG 2 (Bag 2 Fuel Economy)	999	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	278.2633057	--
FE BAG 3 (Bag 3 Fuel Economy)	999	--
METHANE (CH4 - Methane)	0.0029743	--
CO (Carbon Monoxide)	0.3052352	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.0059879	--
DT-EER (Drive Trace Energy Economy Rating)	0.0981734	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.4999688	--
MFR FE (Manufacturer Fuel Economy)	999	--
NOX (Nitrogen Oxide)	0.0039575	--
N2O (Nitrous Oxide)	0.0000393	--
HC-NM (Non-methane Hydrocarbon)	0.0043671	--
NMOG (Non-methane organic gases)	0.0048028	--
PM (Particulate Matter)	0.0002922	--
HC-TOTAL (Total Hydrocarbon)	0.0070758	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	9999.9999999	999

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		298.3556519			--					
Manufacturer Test Comments		None Unrounded Result for the following test results were modified by Verify: FE BAG 2, FE BAG 1, FE BAG 3, MFR FE										
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 50	CO	0.31	--	--	--	0.24	--	0.6	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO-COMP	1	--	--	--	--	--	1	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0048	--	1.1012	--	0.0043	--	0.009	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0088	--	1.1012	--	--	--	0.017	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX-COMP	0.0155	--	1.1012	--	--	--	0.016	0.080	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.004	--	--	--	0.0035	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0003	--	--	--	0	--	0	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.31	--	--	--	0.24	--	0.6	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0048	--	1.1012	--	0.0043	--	0.009	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0088	--	1.1012	--	--	--	0.017	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.004	--	--	--	0.0035	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0003	--	--	--	0	--	0	0.003	Pass

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA																																				
Test #	SHNX91006069	Test Procedure	3 - HWFE																																				
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline																																				
Test Date	10/04/2024	Fuel	Gasoline																																				
Fuel Batch ID	41630	Fuel Calibration Number	1																																				
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined																																				
Verify Test Lab ID	--																																						
E10 Evaporative Test Measurement Method	--																																						
Test Start Odometer Reading	5326	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																																							
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Manufacturer Test Comments	None																																						

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
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 50	CREE	999	--	--	--	0.32	--	999	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0001	--	1.03	--	0.0043	--	0.004	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0011	--	1.03	--	--	--	0.009	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.001	--	--	--	0.0035	--	0.004	999.999	Pass
CA	120,000 miles	California LEV-IV ULEV50	CREE	999	--	--	--	0.32	--	999	--	--
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0001	--	1.03	--	0.0043	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0011	--	1.03	--	--	--	0.009	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.001	--	--	--	0.0035	--	0.004	999.999	Pass

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

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Test #	SHNX91006073	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	10/08/2024	Fuel	Gasoline
Fuel Batch ID	41630	Fuel Calibration Number	1
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5407	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)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	475.776947	--
FE BAG 1 (Bag 1 Fuel Economy)	999	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	284.6889954	--
FE BAG 2 (Bag 2 Fuel Economy)	999	--
METHANE (CH4 - Methane)	0.0026359	--
CO (Carbon Monoxide)	1.8696187	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-4.5239162	--
DT-EER (Drive Trace Energy Economy Rating)	-1.7253761	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-8.0552435	--
MFR FE (Manufacturer Fuel Economy)	999	--
NOX (Nitrogen Oxide)	0.0030881	--
N2O (Nitrous Oxide)	0.0000885	--
HC-NM (Non-methane Hydrocarbon)	0.001747	--
NMOG (Non-methane organic gases)	0.0017994	--
PM (Particulate Matter)	0.0003533	--
HC-TOTAL (Total Hydrocarbon)	0.0043232	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	327.014679	--

Manufacturer Test Comments None Unrounded Result for the following test results were modified by Verify: FE BAG 1, FE BAG 2, MFR FE

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
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 50	CO	1.87	--	--	--	0.24	--	2.1	999.9	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0018	--	1.03	--	0.0043	--	0.006	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0031	--	--	--	0.0035	--	0.007	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0004	--	--	--	0	--	0	0.006	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	1.87	--	--	--	0.24	--	2.1	9.6	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0018	--	1.03	--	0.0043	--	0.006	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0049	--	1.03	--	--	--	0.013	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0031	--	--	--	0.0035	--	0.007	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0004	--	--	--	0	--	0	0.006	Pass

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA																																				
Test #	SHNX10087508	Test Procedure	95 - SC03																																				
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline																																				
Test Date	08/08/2024	Fuel	Gasoline																																				
Fuel Batch ID	QRM244	Fuel Calibration Number	206																																				
Vehicle Class	LDV/Passenger Car	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	5090	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>METHANE (CH4 - Methane)</td> <td>0.00272</td> <td>--</td> </tr> <tr> <td>CO (Carbon Monoxide)</td> <td>0.337</td> <td>--</td> </tr> <tr> <td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td> <td>0.0429438</td> <td>--</td> </tr> <tr> <td>DT-EER (Drive Trace Energy Economy Rating)</td> <td>0.1537789</td> <td>--</td> </tr> <tr> <td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td> <td>-0.2387461</td> <td>--</td> </tr> <tr> <td>HCHO (Formaldehyde)</td> <td>0.00002</td> <td>--</td> </tr> <tr> <td>MFR FE (Manufacturer Fuel Economy)</td> <td>22</td> <td>22</td> </tr> <tr> <td>NOX (Nitrogen Oxide)</td> <td>0.0085</td> <td>--</td> </tr> <tr> <td>HC-NM (Non-methane Hydrocarbon)</td> <td>0.0004</td> <td>--</td> </tr> <tr> <td>NMOG (Non-methane organic gases)</td> <td>0.00038</td> <td>--</td> </tr> <tr> <td>HC-TOTAL (Total Hydrocarbon)</td> <td>0.003</td> <td>--</td> </tr> </tbody> </table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	METHANE (CH4 - Methane)	0.00272	--	CO (Carbon Monoxide)	0.337	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.0429438	--	DT-EER (Drive Trace Energy Economy Rating)	0.1537789	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.2387461	--	HCHO (Formaldehyde)	0.00002	--	MFR FE (Manufacturer Fuel Economy)	22	22	NOX (Nitrogen Oxide)	0.0085	--	HC-NM (Non-methane Hydrocarbon)	0.0004	--	NMOG (Non-methane organic gases)	0.00038	--	HC-TOTAL (Total Hydrocarbon)	0.003	--
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Test Result Name	Unrounded Test Result	Verify Calculated CO2																																					
Carbon dioxide	396.03	--																																					
Manufacturer Test Comments	NMOG/NMHC FACTOR(1.03) IS APPLIED. MFR 4K TEST (SC03).Tested with CARB LEV4 E10 Regular Gasoline.																																						

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
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 50	CO	0.34	--	--	--	0.24	--	0.6	999.9	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0004	--	1.03	--	0.0043	--	0.005	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0085	--	--	--	0.0035	--	0.012	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.34	--	--	--	0.24	--	0.6	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0004	--	1.03	--	0.0043	--	0.005	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0089	--	1.03	--	--	--	0.017	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0085	--	--	--	0.0035	--	0.012	999.999	Pass

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ESVJ2C / 1	Manufacturer Vehicle Configuration Number	1						
Original Test Group Name	SHNXV01.58ND	Original Evaporative/Refueling Family	SHNXR0122DBA						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	ACURA	Represented Test Vehicle Model	ADX AWD						
Leak Family Details									
Leak Family Identifier	A00	Leak Family Name	SHNXR0122DBA-A00						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline		
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	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	1.002						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	SVJ2C1	Rated Horsepower	190						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3531	Equivalent Test Weight (pounds)	3875						
GVWR (lbs)	4553	N/V Ratio	11						
Axle Ratio	5.64								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	7						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family		THNXR0122DBA	
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	46.04	-0.1854	0.0279	-0.88	0.6239	0.01806	14.2	
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, Snow, TIRE SIZE: 225/55R18						

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Test #	SHNX10087511	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	07/23/2024	Fuel	Gasoline
Fuel Batch ID	QRR23C	Fuel Calibration Number	209
Vehicle Class	LDV/Passenger Car	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	4782	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)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	309.64	--
FE BAG 1 (Bag 1 Fuel Economy)	28.6	28.6
CO2 BAG 2 (Bag 2 Carbon Dioxide)	310.5	--
FE BAG 2 (Bag 2 Fuel Economy)	28.6	28.6
CO2 BAG 3 (Bag 3 Carbon Dioxide)	278.08	--
FE BAG 3 (Bag 3 Fuel Economy)	31.9	31.9
METHANE (CH4 - Methane)	0.00226	--
CO (Carbon Monoxide)	0.398	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.1442481	--
DT-EER (Drive Trace Energy Economy Rating)	-0.4281009	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.1772945	--
HCHO (Formaldehyde)	0.0003	--
MFR FE (Manufacturer Fuel Economy)	29.5	29.5
NOX (Nitrogen Oxide)	0.0048	--
N2O (Nitrous Oxide)	0.00007	--
HC-NM (Non-methane Hydrocarbon)	0.0061	--
NMOG (Non-methane organic gases)	0.00631	--
HC-TOTAL (Total Hydrocarbon)	0.00826	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	301.7	302

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		301.41			--					
Manufacturer Test Comments		NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (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	120,000 miles	Federal Tier 3 Bin 50	CREE	302	--	--	--	0.32	--	302	--	--
Fed	120,000 miles	Federal Tier 3 Bin 50	METHANE	0.0023	--	--	--	0.0051	--	0.007	0.030	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	N2O	0.0001	--	--	--	0.0021	--	0.002	0.010	Pass
CA	120,000 miles	California LEV-IV ULEV50	CREE	302	--	--	--	0.32	--	302	--	--
NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.												

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ESVJ2C / 2	Manufacturer Vehicle Configuration Number	2						
Original Test Group Name	SHNXV01.58ND	Original Evaporative/Refueling Family	SHNXR0122DBA						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	ACURA	Represented Test Vehicle Model	ADX AWD						
Leak Family Details									
Leak Family Identifier	A00	Leak Family Name	SHNXR0122DBA-A00						
Drive Sources and Fuel System Details									
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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	1.002						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	SVJ2C1	Rated Horsepower	190						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3531	Equivalent Test Weight (pounds)	3875						
GVWR (lbs)	4553	N/V Ratio	11						
Axle Ratio	5.64								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	7						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family		THNXR0122DBA	
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	46.04	-0.1854	0.0279	0.25	0.6244	0.01793	14.2	
Cold CO	0	0	0	0	0	0	N/A	
US06	46.04	-0.1854	0.0279	0.25	0.6244	0.01793	N/A	
Emission Control Device Comments		--						
Manufacturer Test Vehicle Comments		MULTIMODE: D-Auto, Normal, TIRE SIZE: 225/55R18						

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Test #	SHNX10087512	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	07/30/2024	Fuel	Gasoline
Fuel Batch ID	QRR23C	Fuel Calibration Number	209
Vehicle Class	LDV/Passenger Car	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	4865	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)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	282	--
FE BAG 1 (Bag 1 Fuel Economy)	31.3	31.3
CO2 BAG 2 (Bag 2 Carbon Dioxide)	263.55	--
FE BAG 2 (Bag 2 Fuel Economy)	33.7	33.7
CO2 BAG 3 (Bag 3 Carbon Dioxide)	247.13	--
FE BAG 3 (Bag 3 Fuel Economy)	35.9	35.9
METHANE (CH4 - Methane)	0.00313	--
CO (Carbon Monoxide)	0.346	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.2441798	--
DT-EER (Drive Trace Energy Economy Rating)	0.0507209	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.4989225	--
HCHO (Formaldehyde)	0.00038	--
MFR FE (Manufacturer Fuel Economy)	33.7	33.7
NOX (Nitrogen Oxide)	0.006	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0.0075	--
NMOG (Non-methane organic gases)	0.00781	--
HC-TOTAL (Total Hydrocarbon)	0.01048	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	263.6	264

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
		Test Result Name		Unrounded Test Result		Verify Calculated CO2						
		Carbon dioxide		262.86		--						
Manufacturer Test Comments		NMOG/NMHC FACTOR(1.04) IS APPLIED. MFR 4K TEST (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	120,000 miles	Federal Tier 3 Bin 50	CREE	264	--	--	--	0.32	--	264	--	--
Fed	120,000 miles	Federal Tier 3 Bin 50	METHANE	0.0031	--	--	--	0.0051	--	0.008	0.030	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	N2O	0	--	--	--	0.0021	--	0.002	0.010	Pass
CA	120,000 miles	California LEV-IV ULEV50	CREE	264	--	--	--	0.32	--	264	--	--
NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.												

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Test #	SHNX10087513	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	08/02/2024	Fuel	Gasoline
Fuel Batch ID	QRR23C	Fuel Calibration Number	209
Vehicle Class	LDV/Passenger Car	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	5031	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)	0.00014	--
CO (Carbon Monoxide)	0.31	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.32204	--
DT-EER (Drive Trace Energy Economy Rating)	0.0184569	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.8241933	--
HCHO (Formaldehyde)	0	--
MFR FE (Manufacturer Fuel Economy)	43.4	43.4
NOX (Nitrogen Oxide)	0.0011	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.00007	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	204.5	204

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	204	--

Manufacturer Test Comments

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

Certification Summary Information Report

Test Group		THNXV01.58ND				Evaporative/Refueling Family				THNXR0122DBA		
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 50	CREE	204	--	--	--	0.32	--	204	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0	--	1.03	--	0.0043	--	0.004	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0011	--	1.03	--	--	--	0.009	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0011	--	--	--	0.0035	--	0.005	999.999	Pass
CA	120,000 miles	California LEV-IV ULEV50	CREE	204	--	--	--	0.32	--	204	--	--
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0	--	1.03	--	0.0043	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0011	--	1.03	--	--	--	0.009	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0011	--	--	--	0.0035	--	0.005	999.999	Pass
NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.												

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Fuel Properties			
Fuel Batch ID	QRR23C	Fuel Calibration Number	209
Test Fuel Type	61 - Tier 2 Cert Gasoline	Fuel Batch Calibration Date	01/30/2024
Fuel Batch Calibration Effective Date	01/30/2024	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	0.74
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)	0.866	Weight Fraction CO2	--
Fuel Batch ID	QRM244	Fuel Calibration Number	206
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	41630	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	04/24/2024
Fuel Batch Calibration Effective Date	04/24/2024	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	0.749
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17910
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	QRM244	Fuel Calibration Number	204
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	--

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
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	QRM244	Fuel Calibration Number	202
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	QRT236	Fuel Calibration Number	503
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	05/21/2025
Fuel Batch Calibration Effective Date	05/21/2024	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	0.741
Fuel Ethanol Volume Percent (%)	9.7	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17962
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.831	Weight Fraction CO2	--
Fuel Batch ID	QRW23C	Fuel Calibration Number	501
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	07/23/2024
Fuel Batch Calibration Effective Date	07/23/2024	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	0.738
Fuel Ethanol Volume Percent (%)	10.2	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17807
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.862	Weight Fraction CO2	--

Certification Summary Information Report

Test Group	THNXV01.58ND	Evaporative/Refueling Family	THNXR0122DBA
Fuel Batch ID	QRM244	Fuel Calibration Number	203
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	--

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family			THNXR0122DBA		
Consolidated List of Standards										
Exhaust Standards										
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50		
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	--	--	--	--	--	--	0.24	999.9	
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0043	999.999	
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV50		
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	--	--	--	--	--	--	0.32	999	
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0043	999.999	
150,000 miles	NMOG+NOX	--	--	1.03	--	--	1	--	0.050	
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV50		
Fuel		Gasoline			Test Procedure			Quick-Driveway (QD)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	NMOG	--	--	1.1012	--	--	--	0.0043	999.999	
150,000 miles	NMOG+NOX	--	--	1.1012	--	--	1	--	0.062	
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999	

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family			THNXR0122DBA	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50	
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	--	--	--	--	--	--	0.24	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	HCHO	--	--	--	--	--	--	0.0002	0.004
150,000 miles	NMOG	--	--	1.1012	--	--	--	0.0043	999.999
150,000 miles	NMOG+NOX	--	--	1.1012	--	--	1	--	0.050
150,000 miles	NMOG+NOX-COMP	--	--	1.1012	--	--	--	--	0.080
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.003

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV50	
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	--	--	--	--	--	--	0.24	1.7
150,000 miles	HCHO	--	--	--	--	--	--	0.0002	0.004
150,000 miles	NMOG	--	--	1.1012	--	--	--	0.0043	999.999
150,000 miles	NMOG+NOX	--	--	1.1012	--	--	1	--	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.003

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family			THNXR0122DBA	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50	
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	--	--	--	--	--	--	0.32	999
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0043	999.999
150,000 miles	NMOG+NOX	--	--	1.03	--	--	1	--	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999

Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50	
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	--	--	--	--	--	--	0.32	999
120,000 miles	METHANE	--	--	--	--	--	--	0.0051	0.030
120,000 miles	N2O	--	--	--	--	--	--	0.0021	0.010

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV50	
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	--	--	--	--	--	--	0.24	9.6
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0043	999.999
150,000 miles	NMOG+NOX	--	--	1.03	--	--	1	--	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.006

Certification Summary Information Report

Test Group		THNXV01.58ND			Evaporative/Refueling Family			THNXR0122DBA	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV50	
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	--	--	--	--	--	--	0.24	1.7
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0043	999.999
150,000 miles	NMOG+NOX	--	--	1.03	--	--	1	--	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50	
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	--	--	--	--	--	--	0.24	999.9
150,000 miles	NMOG	--	--	1.03	--	--	--	0.0043	999.999
150,000 miles	NOX	--	--	--	--	--	--	0.0035	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.006
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50	
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	--	--	--	--	--	--	0.08	10.0
120,000 miles	HC-NM	--	--	--	--	--	--	0	0.3

Certification Summary Information Report

Test Group	THNXV01.58ND				Evaporative/Refueling Family			THNXR0122DBA	
Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Cert	
Vehicle Class	LDV/Passenger Car				Standard Level			California LEV-IV ULEV50	
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	--	--	--	--	--	--	0.32	999

Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Cert	
Vehicle Class	LDV/Passenger Car				Standard Level			California LEV-IV ULEV50	
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	--	--	--	--	--	--	0.08	10.0

Evaporative/Refueling Standards

Evaporative/Refueling Family		THNXR0122DBA		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	0.01		

Evaporative/Refueling Family		THNXR0122DBA		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	--	0.300	0.02		

Evaporative/Refueling Family		THNXR0122DBA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure		California Fuel Running Loss					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.01	0		

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Test Group		THNXV01.58ND		Evaporative/Refueling Family		THNXR0122DBA	
Evaporative/Refueling Family		THNXR0122DBA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure		Federal fuel refueling test (ORVR)					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.01		
Evaporative/Refueling Family		THNXR0122DBA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure		CA fuel 3-day evap.					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.02		
Evaporative/Refueling Family		THNXR0122DBA		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		
Evaporative/Refueling Family		THNXR0122DBA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure		California fuel 2-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.02		
Evaporative/Refueling Family		THNXR0122DBA		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure		Evap Canister Bleed Test					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0		

Certification Summary Information Report

Test Group		THNXV01.58ND		Evaporative/Refueling Family		THNXR0122DBA					
Evaporative/Refueling Family		THNXR0122DBA		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		0	
Evaporative/Refueling Family		THNXR0122DBA		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		--		0.300		0.02	

Certification Summary Information Report

Test Group		THNXV01.58ND	Evaporative/Refueling Family		THNXR0122DBA
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		AS-VOLT	Average System Voltage	
CO	Carbon Monoxide		CO2 BAG 1	Bag 1 Carbon Dioxide	
CO2	Carbon dioxide		CO2 BAG 2	Bag 2 Carbon Dioxide	
CREE	Carbon-Related Exhaust Emissions		CO2 BAG 3	Bag 3 Carbon Dioxide	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		CO2 BAG 4	Bag 4 Carbon Dioxide	
NOX	Nitrogen Oxide		NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides	
PM	Particulate Matter		NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides	
PM-COMP	SFTP Composite Particulate Matter		DT-IWRR	Drive Trace Inertia Work Ratio Rating	
HC-NM	Non-methane Hydrocarbon		DT-ASCR	Drive Trace Absolute Speed Change Rating	
OMHCE	Organic material Hydrocarbon Equivalent		DT-EER	Drive Trace Energy Economy Rating	
OMNMHCE	Organic material non-methane HC equivalent		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
NMOG	Non-methane organic gases		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
HCHO	Formaldehyde		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
H3C2HO	Acetaldehyde		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		LEAK-DIA	Effective Leak Diameter (inches)	
CO-COMP	SFTP Composite Carbon Monoxide		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
ETHANOL	C2H5OH - Ethanol		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
FE BAG 1	Bag 1 Fuel Economy		KW-HRS	Integrated DC KW-HRS	
FE BAG 2	Bag 2 Fuel Economy		CH4 BAG 1	Bag 1 Methane	
FE BAG 3	Bag 3 Fuel Economy		CH4 BAG 2	Bag 2 Methane	
FE BAG 4	Bag 4 Fuel Economy		CH4 BAG 3	Bag 3 Methane	
MFR FE	Manufacturer Fuel Economy		CH4 BAG 4	Bag 4 Methane	
HC	Hydrocarbon for Running Loss and ORVR		CO BAG 1	Bag 1 Carbon Monoxide	
METHANE	CH4 - Methane		CO BAG 2	Bag 2 Carbon Monoxide	
METHANOL	CH3OH - Methanol		CO BAG 3	Bag 3 Carbon Monoxide	
N2O	Nitrous Oxide		CO BAG 4	Bag 4 Carbon Monoxide	
SPITBACK	Spitback Hydrocarbon in grams		NMOG BAG 1	Bag 1 Non-methane organic gases	
AMP-HRS	Integrated Amp-hours		NMOG BAG 2	Bag 2 Non-methane organic gases	
START-SOC	System Start State of Charge Watt-hours		NMOG BAG 3	Bag 3 Non-methane organic gases	
END-SOC	System End State of Charge Watt-hours		NMOG BAG 4	Bag 4 Non-methane organic gases	
ACT-DISTANCE	Actual Distance Driven (miles)				
Certification Region					

Certification Summary Information Report

Test Group		THNXV01.58ND	Evaporative/Refueling Family		THNXR0122DBA
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		T3B160	Federal Tier 3 Bin 160	
B2	Federal Tier 2 Bin 2		T3B125	Federal Tier 3 Bin 125	
B3	Federal Tier 2 Bin 3		T3B110	Federal Tier 3 Transitional Bin 110	
B4	Federal Tier 2 Bin 4		T3B85	Federal Tier 3 Transitional Bin 85	
B5	Federal Tier 2 Bin 5		T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover	
B6	Federal Tier 2 Bin 6		T3B70	Federal Tier 3 Bin 70	
B7	Federal Tier 2 Bin 7		T3B50	Federal Tier 3 Bin 50	
B8	Federal Tier 2 Bin 8		T3B30	Federal Tier 3 Bin 30	
B9	Federal Tier 2 Bin 9		T3B20	Federal Tier 3 Bin 20	
B10	Federal Tier 2 Bin 10		T3B0	Federal Tier 3 Bin 0	
B11	Federal Tier 2 Bin 11		HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
L2	California LEV-II LEV		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
L2OP	California LEV-II LEV Optional		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
U2	California LEV-II ULEV		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
S2	California LEV-II SULEV		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
ZEV	California ZEV		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
OT	Other		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
T1	Federal Tier 1		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
PZEV	California PZEV		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
L2LEV160	California LEV-II LEV160		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
L2ULEV125	California LEV-II ULEV125		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
L2SULEV30	California LEV-II SULEV30		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2LEV395	California LEV-II LEV395		L4SULEV100	California LEV-IV SULEV100	
L2ULEV340	California LEV-II ULEV340		L4SULEV125	California LEV-IV SULEV125	
L2LEV630	California LEV-II LEV630		L4SULEV15	California LEV-IV SULEV15	
L2ULEV570	California LEV-II ULEV570		L4SULEV150	California LEV-IV SULEV150	
L3LEV160	California LEV-III LEV160		L4SULEV170	California LEV-IV SULEV170	
L3ULEV125	California LEV-III ULEV125		L4SULEV175	California LEV-IV SULEV175	
L3ULEV70	California LEV-III ULEV70		L4SULEV20	California LEV-IV SULEV20	
L3ULEV50	California LEV-III ULEV50		L4SULEV200	California LEV-IV SULEV200	
L3SULEV30	California LEV-III SULEV30		L4SULEV230	California LEV-IV SULEV230	
L3SULEV20	California LEV-III SULEV20		L4SULEV25	California LEV-IV SULEV25	
L3LEV395	California LEV-III LEV395		L4SULEV30	California LEV-IV SULEV30	
L3ULEV340	California LEV-III ULEV340		L4SULEV75	California LEV-IV SULEV75	
L3ULEV250	California LEV-III ULEV250		L4SULEV85	California LEV-IV SULEV85	
L3ULEV200	California LEV-III ULEV200		L4ULEV125	California LEV-IV ULEV125	

Certification Summary Information Report

Test Group		THNXV01.58ND	Evaporative/Refueling Family		THNXR0122DBA
L3SULEV170	California LEV-III SULEV170		L4ULEV200	California LEV-IV ULEV200	
L3SULEV150	California LEV-III SULEV150		L4ULEV250	California LEV-IV ULEV250	
L3LEV630	California LEV-III LEV630		L4ULEV270	California LEV-IV ULEV270	
L3ULEV570	California LEV-III ULEV570		L4ULEV40	California LEV-IV ULEV40	
L3ULEV400	California LEV-III ULEV400		L4ULEV400	California LEV-IV ULEV400	
L3ULEV270	California LEV-III ULEV270		L4ULEV50	California LEV-IV ULEV50	
L3SULEV230	California LEV-III SULEV230		L4ULEV60	California LEV-IV ULEV60	
L3SULEV200	California LEV-III SULEV200		L4ULEV70	California LEV-IV ULEV70	
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		
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		