

Certification Summary Information Report

Manufacturer	American Honda Motor Co., Inc.	Manufacturer Code	HNX
Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
Certificate Number	KHNXV00.0BE9-035	CARB Executive Order #	--
Certificate Issue Date	10/05/2018	Certificate Revision Date	--
Certificate Effective Date	10/05/2018	Conditional Certificate	No
CSI Revision #	--	CSI Submission/Revision Date	09/20/2018 11:22:32 PM
Model Year	2019		

Test Group Information

CSI Type	New	Running Change Reference Number	--
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	--

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
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	KHNXEEVNNBW7	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	01/01/2019	CAP2000 Conditional Certificate?	No
Independent Commercial Importer?	No	Alternative Fuel Converter Certificate?	No
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	--
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	KHNXV00.0BE9
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	This vehicle is exempted from OBD requirement because of Battery Electric Vehicle without fuel fired heater. Verify OBD information is temporarily input. This Verify OBD information should not be input because OBD requirement is exempted. Honda inputs them for data processing purpose only.		
Mfr Test Group Comments	This vehicle is exempted from Exhaust and EVAP/ORVR emission requirements because of Battery Electric Vehicle. Verify Durability Group Equivalency Factor is temporarily input as "1.0". This Verify Durability Group Equivalency Factor should be input because durability testing is exempted. Honda inputs "1.0" for data processing purpose only.		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group		KHNXV00.0BE9			Evaporative/Refueling Family		--			
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	60 - Clarity	Federal		2-Wheel Drive, Front	Automatic	1		Yes	
American Honda Motor Co., Inc.	1 - Honda	60 - Clarity	California + CAA Section 177 states		2-Wheel Drive, Front	Automatic	1		Yes	
Engine Description										
Hybrid Type			--			Hybrid Description			--	
Engine Type			--			Mfr Engine Description			--	
Engine Block Arrangement			--			Mfr Engine Block Arrangement Description			--	
Camless Valvetrain Indicator			--			Oil Viscosity/Classification			--	
Number of Cylinders/Rotors			--			Mechanically Variable Compression Ratio Indicator			--	
After Treatment Device(s) (ATD)										
Mfr After Treatment Device (ATD) Comments			--							
Direct Ozone Reduction (DOR) Device			--							
Mfr Emission Control Device Comments			--							
Official Test Numbers										
Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity	--	--	--	--	--	--	--	--	--	--
Official Charge Depleting Test Numbers										
Test Group Fuel		UDDS			Highway					
Electricity		HHNX10047102			HHNX10047103					

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	3
Total Voltage of Battery Packs	311	Battery Energy Capacity	81.9
Battery Specific Energy	141	Battery Charger Type	On-Board
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Front Wheels	Driver Controlled Regenerative Braking	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	AC PMSM	Rated Motor/Generator Power	120
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	This electric vehicle is structurally equipped with a set of three battery packs. Three battery packs constitute as a single set of battery pack to provide vehicle performance.		

Certification Summary Information Report

Test Group	KHNXV00.0BE9		Evaporative/Refueling Family	--							
Emission Data Vehicle Information											
Vehicle ID / Configuration	EHWP1F / 0		Manufacturer Vehicle Configuration Number	0							
Original Test Group Name	HHNXV00.08E9		Original Evaporative/Refueling Family	--							
Original Test Vehicle Model Year	2017										
Vehicle Model											
Represented Test Vehicle Make	HONDA		Represented Test Vehicle Model	Clarity							
Leak Family Details											
Leak Family Identifier	--		Leak Family Name	--							
Drive Sources and Fuel System Details											
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </table>						Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity
Drive Source and Fuel#	Drive Source	Fuel									
1	Electric Motor	Electricity									
Hybrid Indicator	No		Multiple Fuel Combustion	--							
Multiple Fuel Storage	--		Rechargeable Energy Storage System Indicator	Yes							
Fuel Cell Indicator	No		Rechargeable Energy Storage System, if 'Other'	--							
Rechargeable Energy Storage System	Battery(s)										
Off-board charge Capable Indicator	Yes		Odometer Correction Factor	0.993							
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	HWP1F1		Rated Horsepower	161							
Displacement (liters)	0.001										
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)	4050		Equivalent Test Weight (pounds)	4250							
GVWR (lbs)	--		N/V Ratio	122.5							
Axle Ratio	3.83										
Transmission Type	Automatic		# of Transmission Gears	1							
Transmission Lockup	Yes		Creeper Gear	No							
Dynamometer Coefficients:											
Target Coefficients			Set Coefficients								
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients				
City/Highway/Evap	25.41	0.2338	0.01763	8.39	0.193	0.01729	10.8				
Emission Control Device Comments						This vehicle is Electric Vehicle with no combustion engine. Therefore, displacement of this vehicle is 0 liter.					

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	TIRE: 235/45R18 94V(MI) D-NORMAL, PARKING BRAKE MUST BE APPLIED ON DYNO. STARTING PROCEDURE IS PROVIDED IN VEHICLE. COOLING FAN USED FOR ROADLOAD DERIVATION: ROAD SPEED FAN WITH HOOD CLOSED. COOLING FAN USED FOR CITY AND HIGHWAY: ROAD SPEED FAN WITH HOOD CLOSED.		

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
Test #	HHNX10047102	Test Procedure	81 - Charge Depleting UDDS
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/09/2017	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	Tochigi Emission Laboratory (In Quality Innovation Center Tochigi)		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3756	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
PHEV/EV TEST INFO			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	25.9288
Charge Depleting Range (Calculated miles)	138.155	Charge Depleting Range (Actual miles)	138.155
Equivalent All Electric Range (miles)	138.155		
Number of Charge Depleting Bags/Phases Conducted	1		
Charge Depleting Bag/Phase			
Charge Depleting Bag/Phase #	Test Result/Emission Name	Unrounded Test Result	
1	Actual Distance Driven (miles)	138.155	
2	Average System Voltage	310.8	
3	Carbon-Related Exhaust Emissions	0	
4	Drive Trace Absolute Speed Change Rating	0.6063581	
5	Drive Trace Energy Economy Rating	0.1121886	
6	Drive Trace Inertia Work Ratio Rating	0.8608966	
7	Integrated Amp-hours	0	
8	Manufacturer Fuel Economy	179.6	
9	System End State of Charge Watt-hours	0	
10	System Start State of Charge Watt-hours	100	
Manufacturer Test Comments	Mfr 4K Test (CHARGE DEPLETING UDDS) / All Electric Range [mile]: 138.155 / AC Energy [kWh/100mile]: 18.7678 / Charge Time[sec]: 13758 / Test is conducted according to MCT (SAE J1634 Revised OCT2012). / Units for MFR FE (Manufacturer Fuel Economy) are MPGe. / Average values for charge depleting UDDS phases are entered for DT-IWRR, DT-ASCR, and DT-EER. / <DT-IWRR> DT-IWRR(UDDS 1): 0.7509147 ; DT-IWRR(UDDS 2): 0.6583695 ; DT-IWRR(UDDS 3): 0.7009480 ; DT-IWRR(UDDS 4): 1.3333542 / <DT-ASCR> DT-ASCR(UDDS 1): 0.4308848 ; DT-ASCR(UDDS 2): 0.3963033 ; DT-ASCR(UDDS 3): 0.6615635 ; DT-ASCR(UDDS 4): 0.9366809 / <DT-EER> DT-EER(UDDS 1): 0.0654943 ; DT-EER(UDDS 2): 0.0195149 ; DT-EER(UDDS 3): 0.0724008 ; DT-EER(UDDS 4): 0.2913446		

Certification Summary Information Report

Test Group		KHNXV00.0BE9			Evaporative/Refueling Family					--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
Test #	HHNX10047103	Test Procedure	84 - Charge Depleting Highway
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/09/2017	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	Tochigi Emission Laboratory (In Quality Innovation Center Tochigi)		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3756	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
PHEV/EV TEST INFO			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	25.9288
Charge Depleting Range (Calculated miles)	112.674	Charge Depleting Range (Actual miles)	112.674
Equivalent All Electric Range (miles)	112.674		
Number of Charge Depleting Bags/Phases Conducted	1		
Charge Depleting Bag/Phase			
Charge Depleting Bag/Phase #	Test Result/Emission Name	Unrounded Test Result	
1	Actual Distance Driven (miles)	112.674	
2	Average System Voltage	310.8	
3	Carbon-Related Exhaust Emissions	0	
4	Drive Trace Absolute Speed Change Rating	2.410487	
5	Drive Trace Energy Economy Rating	0.4184962	
6	Drive Trace Inertia Work Ratio Rating	2.875188	
7	Integrated Amp-hours	0	
8	Manufacturer Fuel Economy	146.5	
9	System End State of Charge Watt-hours	0	
10	System Start State of Charge Watt-hours	100	
Manufacturer Test Comments	Mfr 4K Test (CHARGE DEPLETING HIGHWAY) / All Electric Range (mile): 112.674 / AC Energy (kWh/100mile): 23.0121 / Test is conducted according to MCT (SAE J1634 Revised OCT2012). / Units for MFR FE (Manufacturer Fuel Economy) are MPGe. / Average values for charge depleting HFEDS phases are entered for DT-IWRR, DT-ASCR, and DT-EER. / <DT-IWRR> DT-IWRR(HFEDS 1): 2.0933215 ; DT-IWRR(HFEDS 2): 3.6570545 / <DT-ASCR> DT-ASCR(HFEDS 1): 1.8495149 ; DT-ASCR(HFEDS 2): 2.9714590 / <DT-EER> DT-EER(HFEDS 1): 0.4434445 ; DT-EER(HFEDS 2): 0.3935479		

Certification Summary Information Report

Test Group		KHNXV00.0BE9				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Fuel Properties

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

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 0
Fuel	Electricity	Test Procedure	CVS 75 and later (w/o can. load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0.0
150,000 miles	HCHO	--	--	--	--	--	--	0	0.004
150,000 miles	NMOG	--	--	--	--	--	--	0	0.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.000
150,000 miles	NOX	--	--	--	--	--	--	0	0.000
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 ZEV
Fuel	Electricity	Test Procedure	Charge Depleting Highway

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CREE	--	--	--	--	--	--	0	999.9999

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDV/Passenger Car	Standard Level	California ZEV
Fuel	Electricity	Test Procedure	CVS 75 and later (w/o can. load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0.0

Certification Summary Information Report

Test Group	KHNXV00.0BE9		Evaporative/Refueling Family			--			
Cert Region	California + CAA Section 177 states		Cert/In-Use Code			Cert			
Vehicle Class	LDV/Passenger Car		Standard Level			California ZEV			
Fuel	Electricity		Test Procedure			Charge Depleting UDDS			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CREE	--	--	--	--	--	--	0	999.9999
Cert Region	Federal		Cert/In-Use Code			Cert			
Vehicle Class	LDV/Passenger Car		Standard Level			Federal Tier 3 Bin 0			
Fuel	Electricity		Test Procedure			Charge Depleting Highway			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CREE	--	--	--	--	--	--	0	999.9999
Cert Region	Federal		Cert/In-Use Code			Cert			
Vehicle Class	LDV/Passenger Car		Standard Level			Federal Tier 3 Bin 0			
Fuel	Electricity		Test Procedure			Charge Depleting UDDS			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CREE	--	--	--	--	--	--	0	999.9999

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
Glossary			
Useful Life			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
Emission Name			
HC-TOTAL	Total Hydrocarbon	METHANOL	CH3OH - Methanol
CO	Carbon Monoxide	N2O	Nitrous Oxide
CO2	Carbon dioxide	SPITBACK	Spitback Hydrocarbon in grams
CREE	Carbon-Related Exhaust Emissions	AMP-HRS	Integrated Amp-hours
OPT-CREE	Optional Carbon-Related Exhaust Emissions	START-SOC	System Start State of Charge Watt-hours
NOX	Nitrogen Oxide	END-SOC	System End State of Charge Watt-hours
PM	Particulate Matter	ACT-DISTANCE	Actual Distance Driven (miles)
PM-COMP	SFTP Composite Particulate Matter	AS-VOLT	Average System Voltage
HC-NM	Non-methane Hydrocarbon	CO2 BAG 1	Bag 1 Carbon Dioxide
OMHCE	Organic material Hydrocarbon Equivalent	CO2 BAG 2	Bag 2 Carbon Dioxide
OMNMHCE	Organic material non-methane HC equivalent	CO2 BAG 3	Bag 3 Carbon Dioxide
NMOG	Non-methane organic gas	CO2 BAG 4	Bag 4 Carbon Dioxide
HCHO	Formaldehyde	NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides
H3C2HO	Acetaldehyde	NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	DT-IWRR	Drive Trace Inertia Work Ratio Rating
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	DT-ASCR	Drive Trace Absolute Speed Change Rating
CO-COMP	SFTP Composite Carbon Monoxide	DT-EER	Drive Trace Energy Economy Rating
ETHANOL	C2H5OH - Ethanol	COMB-CREE	Combined Carbon-Related Exhaust Emissions
FE BAG 1	Bag 1 Fuel Economy	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
FE BAG 2	Bag 2 Fuel Economy	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
FE BAG 3	Bag 3 Fuel Economy	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
FE BAG 4	Bag 4 Fuel Economy	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
MFR FE	Manufacturer Fuel Economy	LEAK-DIA	Effective Leak Diameter (inches)
HC	Hydrocarbon for Running Loss and ORVR	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
METHANE	CH4 - Methane	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
Certification Region			
CA	California + CAA Section 177 states	FA	Federal
Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	L3ULEV340	California LEV-III ULEV340
B2	Federal Tier 2 Bin 2	L3ULEV250	California LEV-III ULEV250
B3	Federal Tier 2 Bin 3	L3ULEV200	California LEV-III ULEV200
B4	Federal Tier 2 Bin 4	L3SULEV170	California LEV-III SULEV170
B5	Federal Tier 2 Bin 5	L3SULEV150	California LEV-III SULEV150

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
B6	Federal Tier 2 Bin 6	L3LEV630	California LEV-III LEV630
B7	Federal Tier 2 Bin 7	L3ULEV570	California LEV-III ULEV570
B8	Federal Tier 2 Bin 8	L3ULEV400	California LEV-III ULEV400
B9	Federal Tier 2 Bin 9	L3ULEV270	California LEV-III ULEV270
B10	Federal Tier 2 Bin 10	L3SULEV230	California LEV-III SULEV230
B11	Federal Tier 2 Bin 11	L3SULEV200	California LEV-III SULEV200
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	T3B160	Federal Tier 3 Bin 160
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	T3B125	Federal Tier 3 Bin 125
L2	California LEV-II LEV	T3B110	Federal Tier 3 Transitional Bin 110
L2OP	California LEV-II LEV Optional	T3B85	Federal Tier 3 Transitional Bin 85
U2	California LEV-II ULEV	T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover
S2	California LEV-II SULEV	T3B70	Federal Tier 3 Bin 70
ZEV	California ZEV	T3B50	Federal Tier 3 Bin 50
OT	Other	T3B30	Federal Tier 3 Bin 30
T1	Federal Tier 1	T3B20	Federal Tier 3 Bin 20
PZEV	California PZEV	T3B0	Federal Tier 3 Bin 0
L2LEV160	California LEV-II LEV160	HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395
L2ULEV125	California LEV-II ULEV125	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
L2SULEV30	California LEV-II SULEV30	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
L2LEV395	California LEV-II LEV395	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
L2ULEV340	California LEV-II ULEV340	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
L2LEV630	California LEV-II LEV630	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
L2ULEV570	California LEV-II ULEV570	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
L3LEV160	California LEV-III LEV160	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
L3ULEV125	California LEV-III ULEV125	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
L3ULEV70	California LEV-III ULEV70	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
L3ULEV50	California LEV-III ULEV50	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
L3SULEV30	California LEV-III SULEV30	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
L3SULEV20	California LEV-III SULEV20	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
L3LEV395	California LEV-III LEV395	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
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		

Certification Summary Information Report

Test Group	KHNXV00.0BE9	Evaporative/Refueling Family	--
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