

Certification Summary Information Report

Manufacturer	Tesla, Inc.	Manufacturer Code	TSL
Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--
Certificate Number	TTSLV00.0L13-009	CARB Executive Order #	--
Certificate Issue Date	09/17/2025	Certificate Revision Date	--
Certificate Effective Date	09/17/2025	Conditional Certificate	No
CSI Revision #	--	CSI Submission/Revision Date	09/17/2025 06:10:10 PM
Model Year	2026		

Test Group Information

CSI Type	Update for Correction	Running Change Reference Number	0
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	Yes	Federal Clean Fuel Vehicle Standard	ZEV
Federal Clean Fuel Vehicle ILEV	Yes	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	TTSLEEVNNL13	Durability Group Equivalency Factor	1
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	10/01/2025	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	--
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TTSLV00.0L13
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	Battery Electric Vehicle - No OBD requirements		
Mfr Test Group Comments	MY2026 certification includes 2 carlines (Model 3 Standard RWD, Model 3 Premium RWD)		
Mfr Exhaust / Evap Standards Comments	--		

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Test Group		TTSLV00.0L13		Evaporative/Refueling Family		--				
Models Covered by this Certificate										
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup			
Tesla, Inc.	1 - Tesla Motors	80 - Model 3 Standard RWD	Federal	2-Wheel Drive, Rear	Automatic	1	No			
Tesla, Inc.	1 - Tesla Motors	81 - Model 3 Premium RWD	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No			
Tesla, Inc.	1 - Tesla Motors	81 - Model 3 Premium RWD	Federal	2-Wheel Drive, Rear	Automatic	1	No			
Tesla, Inc.	1 - Tesla Motors	80 - Model 3 Standard RWD	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No			
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		RTSL10086702			RTSL10086700					

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Test Group	TTSLV00.0L13	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	1
Total Voltage of Battery Packs	358	Battery Energy Capacity	228
Battery Specific Energy	173	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	Rear Wheels	Driver Controlled Regenerative Braking	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	AC 3 PHASE PERMANENT MAGNET	Rated Motor/Generator Power	225
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	MY2026 certification includes 2 carlines (Model 3 Standard RWD, Model 3 Premium RWD) Carline 80 Battery Energy Capacity (Ah): 201 Battery Specific Energy (Whr/kg): 166 Motor Rated Power (kW): 228 Carline 81 Battery Energy Capacity (Ah): 228 Battery Specific Energy (Whr/kg): 173 Motor Rated Power (kW): 225		

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Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	3R124-782214 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	RTSLV00.0L13	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2024		

Vehicle Model

Represented Test Vehicle Make	Tesla	Represented Test Vehicle Model	Model 3 Long Range RWD
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Leak Family Details

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

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 -- Initial	1	Odometer Correction Factor	1
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	L13	Rated Horsepower	302
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	--	Drive Mode While Testing	2-Wheel Drive, Rear
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	3847	Equivalent Test Weight (pounds)	4250
GVWR (lbs)	4773	N/V Ratio	115
Axle Ratio	1		
Transmission Type	Automatic	# of Transmission Gears	1
Transmission Lockup	No	Creep Gear	No

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	27.02	0.2873	0.0122	-3.87	0.1585	0.0113	9.6

Emission Control Device Comments

No Emissions Control Device - Pure Electric

Certification Summary Information Report

Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	This is 2024 Model 3 Long Range RWD; Rear Motor Power - 225 kW; Correction: EPA Vehicle ID - 3R124-782214		

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Test Group		TTSLV00.0L13			Evaporative/Refueling Family			--				
Manufacturer Test Comments		Internal Test results for MY2024 Model 3 Long Range RWD. Range determined by using SAE J1634 Multi-cycle test procedure. END-SOC - 80381 wh (System error limited to 4 digits). MCT dc wh/mi is attached with application. DC energy consumption HWFE1 = 165.39 Wh/mi; HWFE2 = 159.64 Wh/mi; HWFE average = 162.52 Wh/mi										
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	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CO	0	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

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Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--
Test #	RTSL10086702	Test Procedure	81 - Charge Depleting UDDS
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/14/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Tesla Kato		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2574	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	208	Recharge Event Energy (kiloWatt-hours)	91.077
Charge Depleting Range (Calculated miles)	559	Charge Depleting Range (Actual miles)	559
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	559
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		0	
Carbon Monoxide		0	
Carbon dioxide		0	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		2.6367	
Drive Trace Energy Economy Rating		2.2205	
Drive Trace Inertia Work Ratio Rating		4.1872	
Integrated DC KW-HRS		0	
Manufacturer Fuel Economy		206.95	
Nitrogen Oxide		0	
Non-methane organic gases		0	
Non-methane organic gases plus Nitrogen Oxides		999.999	
Particulate Matter		0	
System End State of Charge Watt-hours		80.381	
System Start State of Charge Watt-hours		0	

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Test Group		TTSLV00.0L13			Evaporative/Refueling Family				--			
Manufacturer Test Comments		Internal Test results for MY2024 Model 3 Long Range RWD. Range determined by using SAE J1634 Multi-cycle test procedure. END-SOC 80381 wh (system gave error limited to 4 digits). MCT dc wh/mi is attached with EPA application. DC energy consumption UDDS1 = 165.41 Wh/mi; UDDS2 = 146.98 Wh/mi; UDDS3 = 141.12 Wh/mi; UDDS4 = 142.12 Wh/mi; UDDS weighted = 143.74 Wh/mi; UDDS1 DC discharge energy = 1234 Wh; MCT UBE energy = 80381 Wh										
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	CO	0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CO	0	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

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Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--																						
Emission Data Vehicle Information																									
Vehicle ID / Configuration	3R125-053801 / 0	Manufacturer Vehicle Configuration Number	0																						
Original Test Group Name	STSLV00.0L13	Original Evaporative/Refueling Family	--																						
Original Test Vehicle Model Year	2025																								
Vehicle Model																									
Represented Test Vehicle Make	Tesla	Represented Test Vehicle Model	Model 3 Standard RWD (18in Wheels)																						
Leak Family Details																									
Leak Family Identifier	--	Leak Family Name	--																						
Drive Sources and Fuel System Details																									
<table><tr><td>Drive Source and Fuel#</td><td>Drive Source</td><td>Fuel</td></tr><tr><td>1</td><td>Electric Motor</td><td>Electricity</td></tr></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 Storage	--	Multiple Fuel Combustion	--																						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes																						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--																						
Off-board charge Capable Indicator	Yes																								
Odometer Correction -- Initial	1	Odometer Correction Factor	1																						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor																								
Odometer Correction Units	Miles																								
Engine Code	L13	Rated Horsepower	305																						
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	--	Drive Mode While Testing	2-Wheel Drive, Rear																						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)																						
Curb Weight (lbs)	3759	Equivalent Test Weight (pounds)	4000																						
GVWR (lbs)	4678	N/V Ratio	108																						
Axle Ratio	1																								
Transmission Type	Automatic	# of Transmission Gears	1																						
Transmission Lockup	No	Creep Gear	No																						
Dynamometer Coefficients:																									
<table><tr><td colspan="3">Target Coefficients</td><td colspan="3">Set Coefficients</td><td rowspan="2">EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</td></tr><tr><td>Coefficient Category</td><td>A (lbf)</td><td>B (lbf/mph)</td><td>C (lbf/mph**2)</td><td>A (lbf)</td><td>B (lbf/mph)</td><td>C (lbf/mph**2)</td></tr><tr><td>City/Highway/Evap</td><td>27.99</td><td>0.1172</td><td>0.01335</td><td>-0.57</td><td>0.0444</td><td>0.0122</td><td>9</td></tr></table>				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	27.99	0.1172	0.01335	-0.57	0.0444	0.0122	9
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	27.99	0.1172	0.01335	-0.57	0.0444	0.0122	9																		
Emission Control Device Comments	No Emissions Control Device - Pure Electric																								

Certification Summary Information Report

Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	This is 2025 Model 3 Standard RWD (18in Wheels); Rear Motor Power - 227 kW;		

Certification Summary Information Report

Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--																
Test #	STSL10092058	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	08/26/2025	Fuel	Electricity																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned																
Verify Test Lab ID	Tesla Kato																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	2191	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	--																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	208	Recharge Event Energy (kiloWatt-hours)	78.5881																
Charge Depleting Range (Calculated miles)	489.276	Charge Depleting Range (Actual miles)	489.276																
Charge Depleting Range Highway (Calculated miles)	432.611	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	489.276																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.478</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.4278</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.0205</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.1355</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.16167</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.534</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.478	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.4278	Drive Trace Energy Economy Rating	-0.0205	Drive Trace Inertia Work Ratio Rating	1.1355	Integrated DC KW-HRS	1.16167	Manufacturer Fuel Economy	15.534
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Drive Trace Inertia Work Ratio Rating	1.1355																		
Integrated DC KW-HRS	1.16167																		
Manufacturer Fuel Economy	15.534																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	10.262
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	6.7221
		Drive Trace Energy Economy Rating	1.0374
		Drive Trace Inertia Work Ratio Rating	8.6893
		Integrated DC KW-HRS	1.63203
		Manufacturer Fuel Economy	15.904
Charge Depleting Bag/Phase #3			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.47
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	0.3316
		Drive Trace Energy Economy Rating	-0.0747
		Drive Trace Inertia Work Ratio Rating	0.7105
		Integrated DC KW-HRS	1.05577
		Manufacturer Fuel Economy	14.133
Charge Depleting Bag/Phase #4			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	286.772
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	3.6435
		Drive Trace Energy Economy Rating	-0.7988
		Drive Trace Inertia Work Ratio Rating	7.2446
		Integrated DC KW-HRS	56.79234
		Manufacturer Fuel Economy	19.804
Charge Depleting Bag/Phase #5			
		Test Result/Emission Name	Unrounded Test Result
		Actual Distance Driven (miles)	7.451
		Carbon-Related Exhaust Emissions	0
		Drive Trace Absolute Speed Change Rating	1.5692
		Drive Trace Energy Economy Rating	1.1708
		Drive Trace Inertia Work Ratio Rating	2.9566
		Integrated DC KW-HRS	1.03736
		Manufacturer Fuel Economy	13.922
Charge Depleting Bag/Phase #6			

Certification Summary Information Report

Test Group	TTSLV00.0L13	Evaporative/Refueling Family	--																
<table><tr><td>Test Result/Emission Name</td><td>Unrounded Test Result</td></tr><tr><td>Actual Distance Driven (miles)</td><td>10.268</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>5.2518</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.9812</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>7.0952</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.6311</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.886</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.268	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	5.2518	Drive Trace Energy Economy Rating	0.9812	Drive Trace Inertia Work Ratio Rating	7.0952	Integrated DC KW-HRS	1.6311	Manufacturer Fuel Economy	15.886
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.268																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	5.2518																		
Drive Trace Energy Economy Rating	0.9812																		
Drive Trace Inertia Work Ratio Rating	7.0952																		
Integrated DC KW-HRS	1.6311																		
Manufacturer Fuel Economy	15.886																		
Charge Depleting Bag/Phase #7																			
<table><tr><td>Test Result/Emission Name</td><td>Unrounded Test Result</td></tr><tr><td>Actual Distance Driven (miles)</td><td>7.458</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.7729</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.279</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.1227</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.04633</td></tr><tr><td>Manufacturer Fuel Economy</td><td>14.03</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.458	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.7729	Drive Trace Energy Economy Rating	1.279	Drive Trace Inertia Work Ratio Rating	3.1227	Integrated DC KW-HRS	1.04633	Manufacturer Fuel Economy	14.03
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Drive Trace Inertia Work Ratio Rating	3.1227																		
Integrated DC KW-HRS	1.04633																		
Manufacturer Fuel Economy	14.03																		
Charge Depleting Bag/Phase #8																			
<table><tr><td>Test Result/Emission Name</td><td>Unrounded Test Result</td></tr><tr><td>Actual Distance Driven (miles)</td><td>22.154</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.8455</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.6739</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.6783</td></tr><tr><td>Integrated DC KW-HRS</td><td>4.40585</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.887</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	22.154	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.8455	Drive Trace Energy Economy Rating	-1.6739	Drive Trace Inertia Work Ratio Rating	1.6783	Integrated DC KW-HRS	4.40585	Manufacturer Fuel Economy	19.887
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Actual Distance Driven (miles)	22.154																		
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Manufacturer Fuel Economy	19.887																		
Manufacturer Test Comments	--																		

Certification Summary Information Report

Test Group		TTSLV00.0L13						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	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
Fuel Properties												

Certification Summary Information Report

Test Group		TTSLV00.0L13			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			Multi-Cycle Test (MCT)	
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
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
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	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
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	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group	TTSLV00.0L13				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			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

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	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0

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			Multi-Cycle Test (MCT)	
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
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0

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

Certification Summary Information Report

Test Group		TTSLV00.0L13			Evaporative/Refueling Family			--		
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		CO	--	--	--	--	--	--	0	0
150,000 miles		CO-COMP	--	--	--	--	--	--	0	0
150,000 miles		CREE	--	--	--	--	--	--	0	0
150,000 miles		NMOG+NOX-COMP	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group		TTSLV00.0L13	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		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		TTSLV00.0L13		Evaporative/Refueling Family		--	
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		TTSLV00.0L13	Evaporative/Refueling Family		--
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		