

TOYOTA

Application For Certification - Part 1 2026 Model Year

Durability Group : TTYXEEVNNMZZ
Evap/refueling Families : N/A
Test Group : TTYXV00.0D15
Test Group Description : Battery electric vehicle (BEV), LDV
Applicable Standards : Federal states : Tier3 - Bin0 - LDV
California : ZEV - PC
Carlines Covered : ES 500e AWD (19 inch Wheels)
ES 500e AWD (21 inch Wheels)
Engine Series : N/A
Vehicles Tested :

Vehicle I.D.	Config.	Test	Test Number
26-XZ3E	00	MCT	TTYX10092244
26-XZ3E	01	MCT	TTYX10092243

EPA Response Requested By : **February 13, 2026**
For Questions, Contact : Lisa Florida 734-695-2697
Note :

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1. **Correspondence and Communications**

Please refer to the FOI common file.

2. Confidential Information

2.1 Special Test Procedure

Please refer to the section 16 of CBI Common file

2.2 Projected sales in California

Please refer to the E-Cert

3. Facilities, Equipment and Test Procedures

The facilities and equipment comply with the related regulations, including 40CFR §1066.210

<Equipment> 48 inch, single roll electric dynamometer

<Regenerative Braking> Enabled

<Range Test Procedure>

Tested according to “California Exhaust Emission Standards and Test Procedures for 2026 and Subsequent Model Zero-Emission Vehicles, adopted March 22, 2012

<Test Procedure Used>

Tested using the Multi Cycle Test (MCT)sequence

3.1 Reserved

3.2 Battery and Vehicle Pre-Conditioning Procedures

The traction battery and vehicle does not require any pre-conditioning to enable the vehicle system.

3.3 Battery and Vehicle Break-in Period and Range

Break in Period of Vehicle	Break in mile of Vehicle
N/A	2,000 mile

4. Reserved

5.Reserved

6 Maintenance

6.1 Test Vehicle Scheduled Maintenance

N/A(same as “Recommended Customer Maintenance Schedule” found in next section).

6.2 Recommended Customer Maintenance Schedule

Please refer to recommended maintenance schedule in the owner’s manual.

6.3 Lubricants and heater fuels, if any

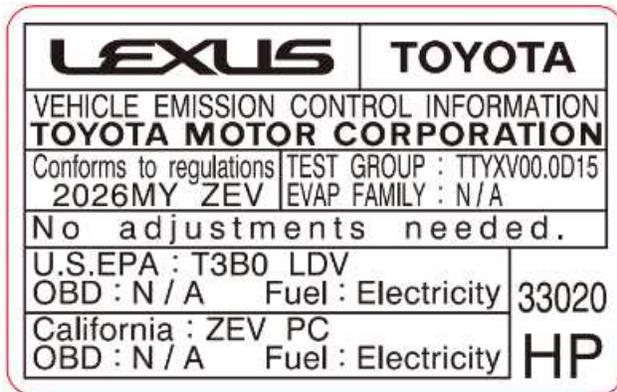
Please refer to recommended Fluid in the owner’s manual.

7 Labels

7.1 VECI Label locations : underside of the hood

7.2 Information of the Labels

Sample of VECI label



Sample of Battery label



7.3 Reserved

7.4 Statement of Compliance

This vehicle conforms to US EPA Tier 3 Bin 0 vehicle regulations applicable to 2026 model year new motor vehicles and to California regulations applicable to 2026 model year new ZEV LDV.

8. General Technical Description

Please refer to the section of CBI Test Group file

9. Reserved

10. Reserved

11 Starting and Shifting Schedules

11.1 Starting Procedure

Please refer to Section 12 of the FOI common file

12 Description of Test Group

12. Test Group Description

12.1 Test group name : TTYXV00.0D15

12.2 Engine displacements covered : N/A

12.3 Arrangement and number of cylinders : N/A

12.4 Vehicle class (es) covered : LDV

12.5 Federal emission standards class : Tier3 - Bin0- LDV

12.6 California Emission standards class : ZEV – PC

12.7 Applicable emission standards

Please refer to Certification Summary Information Report in Section 16 CBI common file.

13. Reserved

14.Request for Certificate

Test group : TTYXV00.0D15
Evap/refueling family : N/A

TOYOTA MOTOR CORPORATION requests that EPA/CARB issue a 2026 Model Year certificate of conformity and Executive Order for the above specified test group/evaporative family combination more fully described in this application. This combination complies with the following emission standards:

Federal: Tier3-Bin 0

California: ZEV

This combination meet all applicable regulations contained within 40 CFR Part 85, 86, and 600, within Title 13 of the California Code of Regulation, the application is current as of this date.



Kevin Webber
General Manager
Regulatory Affairs & Environmental Sustainability
Toyota Motor North America, Inc.

15 Other Information

Fee filing form

16. Test Result

16.1 Test Vehicle Description

Vehicle Type	Vehicle ID	Config.	Tests Performed
Certification FEDV	26-XZ3E	00	Multi-cycle
		01	Multi-cycle

For the range values and energy consumption rate, please refer to the supplemental sheet and E-Cert.

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
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Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Toyota Motor Corporation	2 - LEXUS	39 - ES 500e AWD(21inch Wheels)	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	2 - LEXUS	39 - ES 500e AWD(21inch Wheels)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	2 - LEXUS	34 - ES 500e AWD(19inch Wheels)	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	2 - LEXUS	34 - ES 500e AWD(19inch Wheels)	California + CAA Section 177 states	All Wheel Drive	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		--	--	--	--	--	--	--	--	--	--

Certification Summary Information Report

Test Group	TTYXV00.0D15	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	391	Battery Energy Capacity	191
Battery Specific Energy	172	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	Both	Driver Controlled Regenerative Braking	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	2		
Motor/Generator Type 1	AC Synchronous	Rated Motor/Generator Power	88
Motor/Generator Type 2	AC Synchronous	Rated Motor/Generator Power	167
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	26-XZ3E / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TTYXV00.0D15	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	LEXUS	Represented Test Vehicle Model	ES 500e AWD (19inch Wheels)

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 Factor	1
Odometer Correction -- Initial	0	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor	
Odometer Correction Sign			
Odometer Correction Units	Miles	Rated Horsepower	182
Engine Code	01	Air Aspiration Method, if 'Other'	
Displacement (liters)	0.001	Air Aspiration Device Configuration	--
Air Aspiration Method	Naturally Aspirated	Drive Mode While Testing	4-Wheel Drive
Number of Air Aspiration Devices	--	Aged Emission Components	4,000 (mi)
Charge Air Cooler Type	N/A	Equivalent Test Weight (pounds)	5250
Shift Indicator Light Usage	Not equipped	N/V Ratio	0
Curb Weight (lbs)	4850	# of Transmission Gears	1
GVWR (lbs)	--	Creeper Gear	No
Axle Ratio	0		
Transmission Type	Automatic		
Transmission Lockup	No		

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	32.05	0.21334	0.015789	-3.616	0.11678	0.014492	11

Emission Control Device Comments --

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW.		

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
Test #	TTYX10092244	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/02/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2042	Odometer Units	M
4WD Test Dyno	Yes	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 Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	81.2673
Charge Depleting Range (Calculated miles)	420.308	Charge Depleting Range (Actual miles)	420.308
Charge Depleting Range Highway (Calculated miles)	380.159	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	420.308
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4530341
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.61
Drive Trace Energy Economy Rating	0.35
Drive Trace Inertia Work Ratio Rating	0.98
Integrated DC KW-HRS	1.4682833
Manufacturer Fuel Economy	19.7004779

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2567783</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.94</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.21</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.27</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.0159972</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.6552671</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2567783	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.94	Drive Trace Energy Economy Rating	0.21	Drive Trace Inertia Work Ratio Rating	1.27	Integrated DC KW-HRS	2.0159972	Manufacturer Fuel Economy	19.6552671
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Manufacturer Fuel Economy	19.6552671																		
Charge Depleting Bag/Phase #3																			
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Manufacturer Fuel Economy	17.7245587																		
Charge Depleting Bag/Phase #4																			
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Drive Trace Absolute Speed Change Rating	0																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	56.5581059																		
Manufacturer Fuel Economy	24.4419233																		
Charge Depleting Bag/Phase #5																			
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Drive Trace Inertia Work Ratio Rating	-0.61																		
Integrated DC KW-HRS	1.2816093																		
Manufacturer Fuel Economy	17.18537																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2598542
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.77
Drive Trace Energy Economy Rating	0.02
Drive Trace Inertia Work Ratio Rating	1.1
Integrated DC KW-HRS	1.9485961
Manufacturer Fuel Economy	18.9924347

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4528029
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.54
Drive Trace Energy Economy Rating	0.01
Drive Trace Inertia Work Ratio Rating	1.15
Integrated DC KW-HRS	1.2958958
Manufacturer Fuel Economy	17.3880323

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	30.7006288
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	7.5720596
Manufacturer Fuel Economy	24.664184

Manufacturer Test Comments

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Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	26-XZ3E / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	TTYXV00.0D15	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	LEXUS	Represented Test Vehicle Model	ES 500e AWD (21inch Wheels)

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 Factor	1
Odometer Correction -- Initial	0	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor	
Odometer Correction Sign			
Odometer Correction Units	Miles	Rated Horsepower	182
Engine Code	01	Air Aspiration Method, if 'Other'	
Displacement (liters)	0.001	Air Aspiration Device Configuration	--
Air Aspiration Method	Naturally Aspirated	Drive Mode While Testing	4-Wheel Drive
Number of Air Aspiration Devices	--	Aged Emission Components	4,000 (mi)
Charge Air Cooler Type	N/A	Equivalent Test Weight (pounds)	5250
Shift Indicator Light Usage	Not equipped	N/V Ratio	0
Curb Weight (lbs)	4895	# of Transmission Gears	1
GVWR (lbs)	--	Creeper Gear	No
Axle Ratio	0		
Transmission Type	Automatic		
Transmission Lockup	No		

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	33.622	0.21388	0.015819	-4.967	0.20433	0.013919	11.2

Emission Control Device Comments --

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW.		

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--
Test #	TTYX10092243	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	09/12/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2578	Odometer Units	M
4WD Test Dyno	Yes	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 Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	80.8927
Charge Depleting Range (Calculated miles)	419.118	Charge Depleting Range (Actual miles)	419.118
Charge Depleting Range Highway (Calculated miles)	372.707	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	419.118
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4533447
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.53
Drive Trace Energy Economy Rating	0.15
Drive Trace Inertia Work Ratio Rating	0.81
Integrated DC KW-HRS	1.4700068
Manufacturer Fuel Economy	19.7227811

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--																
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Charge Depleting Bag/Phase #3																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.449378																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.75																		
Drive Trace Energy Economy Rating	0.33																		
Drive Trace Inertia Work Ratio Rating	1.13																		
Integrated DC KW-HRS	1.3186627																		
Manufacturer Fuel Economy	17.7016483																		
Charge Depleting Bag/Phase #4																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>226.11475</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>56.4925792</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.984031</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	226.11475	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	56.4925792	Manufacturer Fuel Economy	24.984031
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Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	56.4925792																		
Manufacturer Fuel Economy	24.984031																		
Charge Depleting Bag/Phase #5																			
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Manufacturer Fuel Economy	17.4068583																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TTYXV00.0D15	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2584367</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.38</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.27</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.88</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.9798771</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.2999886</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2584367	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.38	Drive Trace Energy Economy Rating	0.27	Drive Trace Inertia Work Ratio Rating	1.88	Integrated DC KW-HRS	1.9798771	Manufacturer Fuel Economy	19.2999886
Test Result/Emission Name	Unrounded Test Result																		
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Manufacturer Fuel Economy	19.2999886																		
Charge Depleting Bag/Phase #7																			
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Drive Trace Inertia Work Ratio Rating	0.92																		
Integrated DC KW-HRS	1.2839117																		
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Manufacturer Fuel Economy	24.9426725																		
Manufacturer Test Comments	--																		
Fuel Properties																			

Certification Summary Information Report

Test Group		TTYXV00.0D15			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			Federal fuel 3-day exhaust		
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	
Exhaust Standards										
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			California fuel 3-day exhaust		
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	
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			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	
150,000 miles	MFR FE	--	--	--	--	--	--	0	999.9999	
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			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	
150,000 miles	MFR FE	--	--	--	--	--	--	--	999.9999	

Certification Summary Information Report

Test Group		TTYXV00.0D15			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 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	MFR FE	--	--	--	--	--	--	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			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	MFR FE	--	--	--	--	--	--	--	999.9999	

Certification Summary Information Report

Test Group	TTYXV00.0D15	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	TTYXV00.0D15	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		TTYXV00.0D15	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	

17 California Requirements

17.1 Statement of Compliance

17.1.1 General statement

The production vehicles which are subject to registration or sale in the state of California will be, in all material respects, substantially the same in construction as the test vehicles which are certified by the California Air Resources Board, and will meet all the applicable vehicle emission standards which are set forth by the California Air Resources Board in accordance

with Section 43101 of the Health and Safety Code.

17.1.2 Driveability Statement

In accordance with "California Exhaust Emission Standards and Test Procedures for 1988 And Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles, 11.e." as amended August 5,1999, Toyota certifies that its production vehicles covered by the certificate for the applicable model year have driveability and performance characteristics which satisfy the manufacturer's specific driveability and performance requirements. This statement is based on driveability data and other evidence showing compliance with the manufacturer's in-house performance criteria which, we believe, assures elimination of one of the major causes of wide-spread tampering with the emission control systems.

17.2 Supplemental Data and Certification Review Sheet

E.O.#. _____ Page _____

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Test Group: TTYXV00.0D15

Vehicle Class(es): PC X, LDT1 (0-3750 lbs. LVW) _____, LDT2 (≥ 3,751 lbs. LVW) _____,
 MDV6 (8,500-10,000 lbs. GVW) _____, MDV7 (10,001-14,000 lbs. GVW) _____

ZEV Type: NEV _____, ZEV X

No. of ZEV Credits per vehicle: 1

Fuel Type: Electro-chemical Battery X, Fuel Cell _____, Capacitor _____, Other (specify) _____

Battery Type(s): Lead Acid _____ Nickel Cadmium _____ SBLA _____ Sodium Sulfur _____
 Sodium Nickel Chloride _____ Nickel Metal Hydride _____ Lithium Metal Disulfide _____
 Zinc Air _____ Zinc Bromine _____ Lithium Polymer _____, Lithium Ion X,
 Other (specify): _____

Weight (kg.): 434 kg Total Battery Volume (liters): 352

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 391 V

Charger(saa): On-board X Off-board _____ Conductive _____ Inductive _____.

Drive Motors(s): AC Induction _____ DC Brush _____, DC Brushless _____

Switched Reluctance _____ Other (specify): AC Synchronous.

No. of Drive Motors 2 Rated motor power 64.0 @ 11,080rpm Max_rpm: _____.

Rated motor power 71.9 @ 10,630rpm Max_rpm: _____.

Drive: FWD _____ RWD _____ 4WD-FT X 4WD-PT _____

Regenerative Braking: Yes X No _____ FW _____ RW _____ AW _____.

Driver Controlled Regen Braking: Yes X No _____ Coast Regen Braking: Yes X No _____.

Air Conditioning: Yes X No _____, Fuel Fired Heater:¹ Yes _____ No X

17.2 Supplemental Data and Certification Review Sheet

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR (lbs)	Curb Weight (lbs)	ETW (lbs)	DPA/ RLHP
ES 500e AWD (19 inch Wheels)	N/A	6030	4850	5250	10.6, 11.0
ES 500e AWD (21 inch Wheels)	N/A	6030	4895	5250	11.2

Date Issued _____ Revisions

¹ Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently

2026 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Test Group: TTYXV00.0D15

Range Test Results											
				City				Hwy			
Vehicle ID	Trans	(check one)	(check one)	Range (miles)	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)	Range (miles)	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
		<u> </u> TW <u> X </u> ETW (lbs)	<u> </u> DPA <u> X </u> RLHP Or dyno coeff.								
26-XZ3E (00)	N/A	5250	11.0	420.308	193	N/A	175	380.159	214	N/A	193
26-XZ3E (01)	N/A	5250	11.2	419.118	193	N/A	175	372.707	217	N/A	197

Battery Test Results: Specific Energy: Wh/kg 172

Remarks:

Date Issued : Revisions

----- ARB USE ONLY -----

Application:
 Processed By: _____ Date : _____ Reviewed by: _____ Date: _____

17.3 Reserved

17.4 Vehicle Certification Range

17.4.1 Vehicle Value

Please refer to the CBI Test Group file.

17.5 Vehicle Safety

17.5.1 All Information for Safe Operation of Vehicle

17.5.2 Information on Safe Handling of Battery System

17.5.3 Description of Emergency Procedure

17.5.4 Emergency

Please refer to the owner's manual

17.6 PRP warranty period

Please refer to the CBI Test Group file.

17.7 An attestation of 1962.5

Please refer to the ZEV Data Standardization Attestation Form

17.8 Communication Protocol with a Scan Tool

Toyota utilizes "UDSonCAN" standardized protocol for CAN communication to interface with a scan tool that adheres to the SAE J1979-3 standard.

18. Service Information Availability

Please refer to Section 1 of the FOI common file.