

TOYOTA

Application For Certification - Part 1 2027 Model Year

Durability Group : VTYXEEVNNMZZ
Evap/refueling Families : N/A
Test Group : VTYXT00.0D1S
Test Group Description : Battery electric vehicle (BEV), LDT2
Applicable Standards : Federal states : Tier4 - Bin0 - LDT2
California : ZEV - LDT2
Carlines Covered : bZ AWD, bZ AWD LIMITED,
SOLTERRA AWD, SOLTERRA 20 AWD
C-HR AWD 18inch,
C-HR AWD 20inch,
UNCHARTED AWD,
UNCHARTED 20inch AWD
Engine Series : N/A
Vehicles Tested :

Vehicle I.D.	Config.	Test	Test Number
26-XA5E	00	MCT	TTYX10089634
26-XA5E	01	MCT	TTYX10089745
26-XA5E	02	MCT	TTYX10089639
26-XK4E	00	MCT	TTYX10091824
26-XK4E	01	MCT	TTYX10091827
26-XK5E	00	MCT	TTYX10091826
26-XK5E	01	MCT	TTYX10091825

EPA Response Requested By : June 12, 2025

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

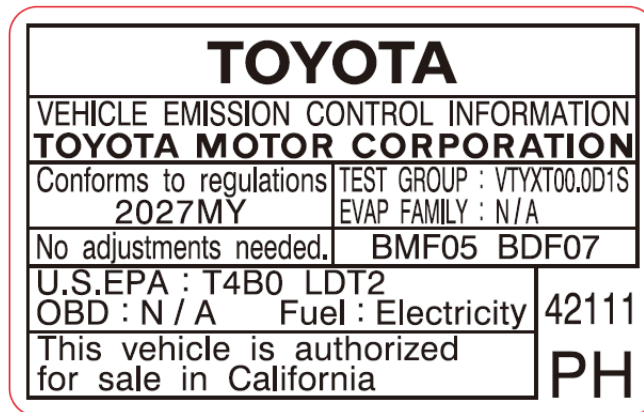
Please refer to recommended Fluid in the owner’s manual.

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 4 Bin 0 vehicle regulations applicable to 2027 model year new motor vehicles and to California regulations applicable to 2027 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 : VTYXT00.0D1S

12.2 Engine displacements covered : N/A

12.3 Arrangement and number of cylinders : N/A

12.4 Vehicle class (es) covered : LDT2

12.5 Federal emission standards class : Tier4 - Bin0- LDT2

12.6 California Emission standards class : ZEV – LDT2

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 : VTYXT00.0D1S
Evap/refueling family : N/A

TOYOTA MOTOR CORPORATION requests that EPA/CARB issue a 2027 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: Tier4-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

Invoice No.:EPA2027MY003

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

Tracking Information

Pay.gov Tracking ID: 27VM0I2E

Agency Tracking ID: 77298963772

General Information

Date: 02/17/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

TYX

Manufacturer Name *

Toyota Motor Corporation

Contact Name *

Keisha Anderson

Contact Email Address *

keisha.anderson@toyota.com

Contact Phone *

734-995-3552

Calendar Year complete application submitted to EPA *

2026

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2026, through December 31, 2026. The applicable fee is determined by the

Amount Owed

\$32,317.00

Payment Type *

Offline ACH

Comments

EPA Form Number 3520-29
OMB Control No. 2060-0545
Approval expires 7/31/2027

The public reporting and recordkeeping burden for this collection of information is estimated to average 12 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

The content of this document may contain Sensitive But Unclassified (SBU) data and/or Controlled Unclassified Information (CUI).

calendar year in which the complete certification application is received, not the model year.

Engine Family / Evaporative Family / Test Group *

VTYXT00.0D1S

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

- ☒ On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (Federal) (A, B, D, J, T, V)
- ☐ On-Highway HDE Dyno Cert (Federal) (E, H)
- ☐ On-Highway LD ICI, MDPV ICI, HDV ICI (A, B, D, J, T, V)
- ☐ On-Highway Motorcycle (C)
- ☐ On-Highway HDV Evap (F)
- ☐ On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (California-Only) (A, B, D, J, T, V)
- ☐ On-Highway HDE Dyno Cert (California-Only) (E, H)
- ☐ Nonroad CI (L)
- ☐ Nonroad SI (B, S)
- ☐ Locomotive (G, K)
- ☐ All Nonroad Recreational, excluding Marine engines (X, Y)
- ☐ All Marine (Including IMO) (M, N, W)
- ☐ Component Certification for Evaporative Emissions (P)

IMO Name (Required for dual US/IMO Marine Only)

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

16. Test Result**16.1 Test Vehicle Description**

Vehicle Type	Vehicle ID	Config.	Tests Performed
Certification FEDV	26-XA5E	00	Multi-cycle
		01	Multi-cycle
		02	Multi-cycle
	26-XK4E	00	Multi-cycle
		01	Multi-cycle
	26-XK5E	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

Manufacturer	Toyota Motor Corporation	Manufacturer Code	TYX
Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	04/10/2026 12:49:21 AM
Model Year	2027		

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	LDT2
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	--	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	VTYXEEVNNMZZ	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	--
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VTYXT02.4H3A
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 this vehicle is BEV.		
Mfr Test Group Comments	Durability Group Equivalency Factor is not available because this vehicle is BEV (1.0 is a dummy). Projected sales volume for Subaru brand is not included.		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group		VTYXT00.0D1S		Evaporative/Refueling Family		--	
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Toyota Motor Corporation	1 - TOYOTA	215 - bZ AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	411 - UNCHARTED AWD	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	343 - C-HR AWD 20inch	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	45 - SOLTERRA 20 AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	215 - bZ AWD	Federal	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	411 - UNCHARTED AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	42 - SOLTERRA AWD	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	217 - bZ AWD LIMITED	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	343 - C-HR AWD 20inch	Federal	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	42 - SOLTERRA AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	342 - C-HR AWD 18inch	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	412 - UNCHARTED 20inch AWD	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	342 - C-HR AWD 18inch	Federal	All Wheel Drive	Automatic	1	No
Toyota Motor Corporation	1 - TOYOTA	217 - bZ AWD LIMITED	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	412 - UNCHARTED 20inch AWD	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Subaru Corporation	1 - Subaru	45 - SOLTERRA 20 AWD	Federal	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		--		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--								
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	--	--	--	--	--	--	--	--	--	--	--
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	164	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	167								
Motor/Generator Type 2	AC Synchronous	Rated Motor/Generator Power	87								
Mfr Fuel Cell Description	--										
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--								
Mfr Hybrid Electric/ Electric Vehicle Comments	--										

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	26-XA5E / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TTYXT00.0D1S	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2026		

Vehicle Model

Represented Test Vehicle Make	TOYOTA	Represented Test Vehicle Model	bZ AWD
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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	0	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	01	Rated Horsepower	98
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)	4410	Equivalent Test Weight (pounds)	4750
GVWR (lbs)	5645	N/V Ratio	0
Axle Ratio	0		
Transmission Type	Automatic	# of Transmission Gears	1
Transmission Lockup	No	Creeper 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	19.077	0.71152	0.010272	-10.274	0.34095	0.014026	10.7

Emission Control Device Comments

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Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Drive mode is Normal.		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Test #	TTYX10089634	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/06/2025	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	4673	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)	80.929
Charge Depleting Range (Calculated miles)	450.202	Charge Depleting Range (Actual miles)	450.202
Charge Depleting Range Highway (Calculated miles)	375.025	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	450.202
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)		7.4460083	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.59	
Drive Trace Energy Economy Rating		0.48	
Drive Trace Inertia Work Ratio Rating		0.87	
Integrated DC KW-HRS		1.3662516	
Manufacturer Fuel Economy		18.3487786	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--															
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2562851</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>3.02</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.3</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.78</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.0301002</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.7937187</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2562851	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.02	Drive Trace Energy Economy Rating	0.3	Drive Trace Inertia Work Ratio Rating	3.78	Integrated DC KW-HRS	2.0301002	Manufacturer Fuel Economy	19.7937187	
	Test Result/Emission Name	Unrounded Test Result																
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	Drive Trace Energy Economy Rating	0.3																
	Drive Trace Inertia Work Ratio Rating	3.78																
	Integrated DC KW-HRS	2.0301002																
	Manufacturer Fuel Economy	19.7937187																
Charge Depleting Bag/Phase #3																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4462341</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.57</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.45</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.96</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2371616</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.614595</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4462341	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.57	Drive Trace Energy Economy Rating	0.45	Drive Trace Inertia Work Ratio Rating	0.96	Integrated DC KW-HRS	1.2371616	Manufacturer Fuel Economy	16.614595		
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Drive Trace Inertia Work Ratio Rating	0.96																	
Integrated DC KW-HRS	1.2371616																	
Manufacturer Fuel Economy	16.614595																	
Charge Depleting Bag/Phase #4																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>226.1471502</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>56.2130527</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.8568477</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	226.1471502	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	56.2130527	Manufacturer Fuel Economy	24.8568477		
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Manufacturer Fuel Economy	24.8568477																	
Charge Depleting Bag/Phase #5																		
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4396339</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.17</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.02</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.35</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1751677</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.7960423</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4396339	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.17	Drive Trace Energy Economy Rating	-0.02	Drive Trace Inertia Work Ratio Rating	0.35	Integrated DC KW-HRS	1.1751677	Manufacturer Fuel Economy	15.7960423		
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Drive Trace Energy Economy Rating	-0.02																	
Drive Trace Inertia Work Ratio Rating	0.35																	
Integrated DC KW-HRS	1.1751677																	
Manufacturer Fuel Economy	15.7960423																	
Charge Depleting Bag/Phase #6																		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2572581</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.65</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.19</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.9434401</td></tr><tr><td>Manufacturer Fuel Economy</td><td>18.9469746</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2572581	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.65	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	2.19	Integrated DC KW-HRS	1.9434401	Manufacturer Fuel Economy	18.9469746		
Test Result/Emission Name	Unrounded Test Result																		
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Manufacturer Fuel Economy	18.9469746																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4388185</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.54</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.33</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.77</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1805016</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.8694776</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4388185	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.54	Drive Trace Energy Economy Rating	0.33	Drive Trace Inertia Work Ratio Rating	0.77	Integrated DC KW-HRS	1.1805016	Manufacturer Fuel Economy	15.8694776		
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Drive Trace Energy Economy Rating	0.33																		
Drive Trace Inertia Work Ratio Rating	0.77																		
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Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>30.0782861</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>7.4979109</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.927986</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	30.0782861	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	7.4979109	Manufacturer Fuel Economy	24.927986		
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Actual Distance Driven (miles)	30.0782861																		
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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	7.4979109																		
Manufacturer Fuel Economy	24.927986																		
Manufacturer Test Comments																			
--																			

Certification Summary Information Report

Test Group	VTYXT00.0D1S		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	26-XA5E / 1		Manufacturer Vehicle Configuration Number	1						
Original Test Group Name	TTYXT00.0D1S		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026									
Vehicle Model										
Represented Test Vehicle Make	TOYOTA		Represented Test Vehicle Model	bZ Limited AWD						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
<table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>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 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	0		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	01		Rated Horsepower	98						
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)	4495		Equivalent Test Weight (pounds)	4750						
GVWR (lbs)	5645		N/V Ratio	0						
Axle Ratio	0									
Transmission Type	Automatic		# of Transmission Gears	1						
Transmission Lockup	No		Creep Gear	No						
Dynamometer Coefficients:										
Target Coefficients			Set Coefficients							
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
City/Highway/Evap	20.549	0.71026	0.011494	11.3						
Emission Control Device Comments										
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Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Test #	TTYX10089745	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/12/2025	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	5474	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)	80.649
Charge Depleting Range (Calculated miles)	435.97	Charge Depleting Range (Actual miles)	435.97
Charge Depleting Range Highway (Calculated miles)	360.257	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	435.97
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)		7.4485617	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.14	
Drive Trace Energy Economy Rating		0.07	
Drive Trace Inertia Work Ratio Rating		0.62	
Integrated DC KW-HRS		1.3834733	
Manufacturer Fuel Economy		18.5736974	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2552101</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.48</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.24</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.22</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.0357842</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.8512185</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2552101	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.48	Drive Trace Energy Economy Rating	0.24	Drive Trace Inertia Work Ratio Rating	3.22	Integrated DC KW-HRS	2.0357842	Manufacturer Fuel Economy	19.8512185		
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Manufacturer Fuel Economy	19.8512185																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4534767</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.13</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.17</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.55</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2253511</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.4399939</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4534767	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.13	Drive Trace Energy Economy Rating	-0.17	Drive Trace Inertia Work Ratio Rating	0.55	Integrated DC KW-HRS	1.2253511	Manufacturer Fuel Economy	16.4399939		
Test Result/Emission Name	Unrounded Test Result																		
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Integrated DC KW-HRS	1.2253511																		
Manufacturer Fuel Economy	16.4399939																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>27.9400228</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>7.3007838</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.1301997</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	27.9400228	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	7.3007838	Manufacturer Fuel Economy	26.1301997		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	27.9400228																		
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	7.3007838																		
Manufacturer Fuel Economy	26.1301997																		
Manufacturer Test Comments																			
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Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Drive mode is Normal.		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Test #	TTYX10089639	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	03/07/2025	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	4979	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)	81.008
Charge Depleting Range (Calculated miles)	451.635	Charge Depleting Range (Actual miles)	451.635
Charge Depleting Range Highway (Calculated miles)	375.715	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	451.635
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)		7.4463253	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.09	
Drive Trace Energy Economy Rating		-0.29	
Drive Trace Inertia Work Ratio Rating		0.34	
Integrated DC KW-HRS		1.347698	
Manufacturer Fuel Economy		18.098833	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2566892</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.35</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.25</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.01</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.9492846</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.0050077</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2566892	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.35	Drive Trace Energy Economy Rating	0.25	Drive Trace Inertia Work Ratio Rating	3.01	Integrated DC KW-HRS	1.9492846	Manufacturer Fuel Economy	19.0050077		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2566892																		
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Drive Trace Absolute Speed Change Rating	2.35																		
Drive Trace Energy Economy Rating	0.25																		
Drive Trace Inertia Work Ratio Rating	3.01																		
Integrated DC KW-HRS	1.9492846																		
Manufacturer Fuel Economy	19.0050077																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4516753</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.01</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.11</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.21</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.180168</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.8376196</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4516753	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.01	Drive Trace Energy Economy Rating	-0.11	Drive Trace Inertia Work Ratio Rating	0.21	Integrated DC KW-HRS	1.180168	Manufacturer Fuel Economy	15.8376196		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4516753																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.01																		
Drive Trace Energy Economy Rating	-0.11																		
Drive Trace Inertia Work Ratio Rating	0.21																		
Integrated DC KW-HRS	1.180168																		
Manufacturer Fuel Economy	15.8376196																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>31.381447</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>7.8076355</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.8797816</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	31.381447	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	7.8076355	Manufacturer Fuel Economy	24.8797816		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	31.381447																		
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	7.8076355																		
Manufacturer Fuel Economy	24.8797816																		
Manufacturer Test Comments																			
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Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Drive mode is Normal. Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW.		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
Test #	TTYX10091824	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	07/28/2025	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	2522	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)	81.4965																
Charge Depleting Range (Calculated miles)	449.327	Charge Depleting Range (Actual miles)	449.327																
Charge Depleting Range Highway (Calculated miles)	377.203	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	449.327																
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>7.4430878</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.41</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.22</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.6</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.3346057</td></tr><tr><td>Manufacturer Fuel Economy</td><td>17.9308072</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4430878	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.41	Drive Trace Energy Economy Rating	0.22	Drive Trace Inertia Work Ratio Rating	0.6	Integrated DC KW-HRS	1.3346057	Manufacturer Fuel Economy	17.9308072
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Energy Economy Rating	0.22																		
Drive Trace Inertia Work Ratio Rating	0.6																		
Integrated DC KW-HRS	1.3346057																		
Manufacturer Fuel Economy	17.9308072																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2519274
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.61
Drive Trace Energy Economy Rating	-0.07
Drive Trace Inertia Work Ratio Rating	3.26
Integrated DC KW-HRS	2.0313157
Manufacturer Fuel Economy	19.8139884

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4377479
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.39
Drive Trace Energy Economy Rating	0.39
Drive Trace Inertia Work Ratio Rating	0.67
Integrated DC KW-HRS	1.2405549
Manufacturer Fuel Economy	16.6791738

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	225.6927869
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	56.3290885
Manufacturer Fuel Economy	24.9583025

Charge Depleting Bag/Phase #5

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4545116
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.25
Drive Trace Energy Economy Rating	-0.1
Drive Trace Inertia Work Ratio Rating	0.45
Integrated DC KW-HRS	1.2017728
Manufacturer Fuel Economy	16.1214153

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2563396</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.56</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.09</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.96</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.9525895</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.0378787</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2563396	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.56	Drive Trace Energy Economy Rating	0.09	Drive Trace Inertia Work Ratio Rating	1.96	Integrated DC KW-HRS	1.9525895	Manufacturer Fuel Economy	19.0378787		
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	1.96																		
Integrated DC KW-HRS	1.9525895																		
Manufacturer Fuel Economy	19.0378787																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4473076</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.53</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.03</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.75</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1939772</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.0323338</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4473076	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.53	Drive Trace Energy Economy Rating	0.03	Drive Trace Inertia Work Ratio Rating	0.75	Integrated DC KW-HRS	1.1939772	Manufacturer Fuel Economy	16.0323338		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.53																		
Drive Trace Energy Economy Rating	0.03																		
Drive Trace Inertia Work Ratio Rating	0.75																		
Integrated DC KW-HRS	1.1939772																		
Manufacturer Fuel Economy	16.0323338																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>32.224429</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>7.9912506</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.7987344</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	32.224429	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	7.9912506	Manufacturer Fuel Economy	24.7987344		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	32.224429																		
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	7.9912506																		
Manufacturer Fuel Economy	24.7987344																		
Manufacturer Test Comments																			
--																			

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Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Drive mode is Normal. Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW.		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Test #	TTYX10091827	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/22/2025	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	2043	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)	81.5522
Charge Depleting Range (Calculated miles)	428.617	Charge Depleting Range (Actual miles)	428.617
Charge Depleting Range Highway (Calculated miles)	358.404	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	428.617
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)		7.4532233	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.22	
Drive Trace Energy Economy Rating		0.08	
Drive Trace Inertia Work Ratio Rating		0.45	
Integrated DC KW-HRS		1.3876265	
Manufacturer Fuel Economy		18.6178041	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2518346</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.58</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.09</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.33</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.0569498</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.0642116</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2518346	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.58	Drive Trace Energy Economy Rating	0.09	Drive Trace Inertia Work Ratio Rating	3.33	Integrated DC KW-HRS	2.0569498	Manufacturer Fuel Economy	20.0642116		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.58																		
Drive Trace Energy Economy Rating	0.09																		
Drive Trace Inertia Work Ratio Rating	3.33																		
Integrated DC KW-HRS	2.0569498																		
Manufacturer Fuel Economy	20.0642116																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4556573</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.4</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.11</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.78</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2483549</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.7437275</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4556573	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.4	Drive Trace Energy Economy Rating	0.11	Drive Trace Inertia Work Ratio Rating	0.78	Integrated DC KW-HRS	1.2483549	Manufacturer Fuel Economy	16.7437275		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4556573																		
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Drive Trace Absolute Speed Change Rating	0.4																		
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Integrated DC KW-HRS	1.2483549																		
Manufacturer Fuel Economy	16.7437275																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>29.8005122</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>7.8473422</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.3329106</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	29.8005122	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	7.8473422	Manufacturer Fuel Economy	26.3329106		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	29.8005122																		
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	7.8473422																		
Manufacturer Fuel Economy	26.3329106																		
Manufacturer Test Comments																			
--																			

Certification Summary Information Report

Test Group	VTYXT00.0D1S		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	26-XK5E / 0		Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TTYXT00.0D1S		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026									
Vehicle Model										
Represented Test Vehicle Make	SUBARU		Represented Test Vehicle Model	UNCHARTED AWD						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
	<table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>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 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	0		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	03		Rated Horsepower	182						
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	All Wheel Drive						
Shift Indicator Light Usage	Not equipped		Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	4430		Equivalent Test Weight (pounds)	4750						
GVWR (lbs)	5645		N/V Ratio	0						
Axle Ratio	0									
Transmission Type	Automatic		# of Transmission Gears	1						
Transmission Lockup	No		Creep Gear	No						
Dynamometer Coefficients:										
	Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
City/Highway/Evap	20.478	0.61169	0.011448	10.6						
Emission Control Device Comments	--									

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Drive mode is Normal. Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW.		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Test #	TTYX10091826	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/01/2025	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	2574	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)	81.0981
Charge Depleting Range (Calculated miles)	462.658	Charge Depleting Range (Actual miles)	462.658
Charge Depleting Range Highway (Calculated miles)	386.573	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	462.658
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)		7.4667868	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.47	
Drive Trace Energy Economy Rating		-0.12	
Drive Trace Inertia Work Ratio Rating		0.72	
Integrated DC KW-HRS		1.3461363	
Manufacturer Fuel Economy		18.0283211	
Charge Depleting Bag/Phase #2			

Charge Depleting Bag/Phase #3

Charge Depleting Bag/Phase #4

Charge Depleting Bag/Phase #5

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2622264</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.97</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.01</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.57</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.9019237</td></tr><tr><td>Manufacturer Fuel Economy</td><td>18.5332466</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2622264	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.97	Drive Trace Energy Economy Rating	-0.01	Drive Trace Inertia Work Ratio Rating	2.57	Integrated DC KW-HRS	1.9019237	Manufacturer Fuel Economy	18.5332466		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.97																		
Drive Trace Energy Economy Rating	-0.01																		
Drive Trace Inertia Work Ratio Rating	2.57																		
Integrated DC KW-HRS	1.9019237																		
Manufacturer Fuel Economy	18.5332466																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4555247</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.52</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.04</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.77</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.1572412</td></tr><tr><td>Manufacturer Fuel Economy</td><td>15.521928</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4555247	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.52	Drive Trace Energy Economy Rating	0.04	Drive Trace Inertia Work Ratio Rating	0.77	Integrated DC KW-HRS	1.1572412	Manufacturer Fuel Economy	15.521928		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4555247																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.52																		
Drive Trace Energy Economy Rating	0.04																		
Drive Trace Inertia Work Ratio Rating	0.77																		
Integrated DC KW-HRS	1.1572412																		
Manufacturer Fuel Economy	15.521928																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>34.278222</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>8.3901484</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.4766149</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	34.278222	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	8.3901484	Manufacturer Fuel Economy	24.4766149		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	34.278222																		
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	8.3901484																		
Manufacturer Fuel Economy	24.4766149																		
Manufacturer Test Comments																			
--																			

Certification Summary Information Report

Test Group	VTYXT00.0D1S		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	26-XK5E / 1		Manufacturer Vehicle Configuration Number	1						
Original Test Group Name	TTYXT00.0D1S		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026									
Vehicle Model										
Represented Test Vehicle Make	SUBARU		Represented Test Vehicle Model	UNCHARTED 20inch AWD						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
	<table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>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 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	0		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	03		Rated Horsepower	182						
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	All Wheel Drive						
Shift Indicator Light Usage	Not equipped		Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	4480		Equivalent Test Weight (pounds)	4750						
GVWR (lbs)	5645		N/V Ratio	0						
Axle Ratio	0									
Transmission Type	Automatic		# of Transmission Gears	1						
Transmission Lockup	No		Creep Gear	No						
Dynamometer Coefficients:										
	Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
City/Highway/Evap	22.179	0.59682	0.013549	11.5						
Emission Control Device Comments	--									

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Drive mode is Normal. Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW.		

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--
Test #	TTYX10091825	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/25/2025	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	2086	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)	81.7304
Charge Depleting Range (Calculated miles)	435.096	Charge Depleting Range (Actual miles)	435.096
Charge Depleting Range Highway (Calculated miles)	356.554	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	435.096
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)		7.4504599	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.49	
Drive Trace Energy Economy Rating		0.2	
Drive Trace Inertia Work Ratio Rating		0.72	
Integrated DC KW-HRS		1.4336607	
Manufacturer Fuel Economy		19.2425797	
Charge Depleting Bag/Phase #2			

Charge Depleting Bag/Phase #3

Charge Depleting Bag/Phase #4

Charge Depleting Bag/Phase #5

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VTYXT00.0D1S	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2536987</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.86</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>1.17</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.0311762</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.8092052</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2536987	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.86	Drive Trace Energy Economy Rating	0.21	Drive Trace Inertia Work Ratio Rating	1.17	Integrated DC KW-HRS	2.0311762	Manufacturer Fuel Economy	19.8092052		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.86																		
Drive Trace Energy Economy Rating	0.21																		
Drive Trace Inertia Work Ratio Rating	1.17																		
Integrated DC KW-HRS	2.0311762																		
Manufacturer Fuel Economy	19.8092052																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4459678</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.02</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.19</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.3</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.2200428</td></tr><tr><td>Manufacturer Fuel Economy</td><td>16.3852821</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4459678	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.02	Drive Trace Energy Economy Rating	-0.19	Drive Trace Inertia Work Ratio Rating	0.3	Integrated DC KW-HRS	1.2200428	Manufacturer Fuel Economy	16.3852821		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4459678																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.02																		
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Integrated DC KW-HRS	1.2200428																		
Manufacturer Fuel Economy	16.3852821																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>29.9654284</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>7.8972796</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.3546361</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	29.9654284	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	7.8972796	Manufacturer Fuel Economy	26.3546361		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	29.9654284																		
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	7.8972796																		
Manufacturer Fuel Economy	26.3546361																		
Manufacturer Test Comments		--																	
Fuel Properties																			

Certification Summary Information Report

Test Group		VTYXT00.0D1S			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level			Federal Tier 4 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
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level			Federal Tier 4 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
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			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		LDT2 (LVW 3751-5750, GVW 0-6000)			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

Certification Summary Information Report

Test Group		VTYXT00.0D1S			Evaporative/Refueling Family			--	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			Standard Level			Federal Tier 4 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
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)			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		VTYXT00.0D1S	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		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
CO	Carbon Monoxide		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
CO2	Carbon dioxide		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
CREE	Carbon-Related Exhaust Emissions		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
NOX	Nitrogen Oxide		LEAK-DIA	Effective Leak Diameter (inches)	
PM	Particulate Matter		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
PM-COMP	SFTP Composite Particulate Matter		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
HC-NM	Non-methane Hydrocarbon		KW-HRS	Integrated DC KW-HRS	
OMHCE	Organic material Hydrocarbon Equivalent		CH4 BAG 1	Bag 1 Methane	
OMNMHCE	Organic material non-methane HC equivalent		CH4 BAG 2	Bag 2 Methane	
NMOG	Non-methane organic gases		CH4 BAG 3	Bag 3 Methane	
HCHO	Formaldehyde		CH4 BAG 4	Bag 4 Methane	
H3C2HO	Acetaldehyde		CO BAG 1	Bag 1 Carbon Monoxide	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		CO BAG 2	Bag 2 Carbon Monoxide	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		CO BAG 3	Bag 3 Carbon Monoxide	
CO-COMP	SFTP Composite Carbon Monoxide		CO BAG 4	Bag 4 Carbon Monoxide	
ETHANOL	C2H5OH - Ethanol		NMOG BAG 1	Bag 1 Non-methane organic gases	
FE BAG 1	Bag 1 Fuel Economy		NMOG BAG 2	Bag 2 Non-methane organic gases	
FE BAG 2	Bag 2 Fuel Economy		NMOG BAG 3	Bag 3 Non-methane organic gases	
FE BAG 3	Bag 3 Fuel Economy		NMOG BAG 4	Bag 4 Non-methane organic gases	
FE BAG 4	Bag 4 Fuel Economy		ACT-DISTANCE BAG 1	Bag 1 Actual Distance	
MFR FE	Manufacturer Fuel Economy		ACT-DISTANCE BAG 2	Bag 2 Actual Distance	
HC	Hydrocarbon for Running Loss and ORVR		ACT-DISTANCE BAG 3	Bag 3 Actual Distance	
METHANE	CH4 - Methane		ACT-DISTANCE BAG 4	Bag 4 Actual Distance	
METHANOL	CH3OH - Methanol		HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon	
N2O	Nitrous Oxide		HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon	
SPITBACK	Spitback Hydrocarbon in grams		HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon	
AMP-HRS	Integrated Amp-hours		HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon	
START-SOC	System Start State of Charge Watt-hours		WATT-HRS BAG 1	Bag 1 Watt Hours	
END-SOC	System End State of Charge Watt-hours		WATT-HRS BAG 2	Bag 2 Watt Hours	

Certification Summary Information Report

Test Group		VTYXT00.0D1S	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group		VTYXT00.0D1S	Evaporative/Refueling Family		--
L2ULEV340	California LEV-II ULEV340		L4SULEV85	California LEV-IV SULEV85	
L2LEV630	California LEV-II LEV630		L4ULEV125	California LEV-IV ULEV125	
L2ULEV570	California LEV-II ULEV570		L4ULEV200	California LEV-IV ULEV200	
L3LEV160	California LEV-III LEV160		L4ULEV250	California LEV-IV ULEV250	
L3ULEV125	California LEV-III ULEV125		L4ULEV270	California LEV-IV ULEV270	
L3ULEV70	California LEV-III ULEV70		L4ULEV40	California LEV-IV ULEV40	
L3ULEV50	California LEV-III ULEV50		L4ULEV400	California LEV-IV ULEV400	
L3SULEV30	California LEV-III SULEV30		L4ULEV50	California LEV-IV ULEV50	
L3SULEV20	California LEV-III SULEV20		L4ULEV60	California LEV-IV ULEV60	
L3LEV395	California LEV-III LEV395		L4ULEV70	California LEV-IV ULEV70	
L3ULEV340	California LEV-III ULEV340		T4B170	Federal Tier 4 MDV Bin 170	
L3ULEV250	California LEV-III ULEV250		T4B150	Federal Tier 4 MDV Bin 150	
L3ULEV200	California LEV-III ULEV200		T4B125	Federal Tier 4 MDV Bin 125	
L3SULEV170	California LEV-III SULEV170		T4B100	Federal Tier 4 MDV Bin 100	
L3SULEV150	California LEV-III SULEV150		T4B85	Federal Tier 4 MDV Bin 85	
L3LEV630	California LEV-III LEV630		T4B75	Federal Tier 4 MDV Bin 75	
L3ULEV570	California LEV-III ULEV570		T4B70	Federal Tier 4 Bin 70	
L3ULEV400	California LEV-III ULEV400		T4B65	Federal Tier 4 Bin 65	
L3ULEV270	California LEV-III ULEV270		T4B60	Federal Tier 4 Bin 60	
L3SULEV230	California LEV-III SULEV230		T4B55	Federal Tier 4 Bin 55	
L3SULEV200	California LEV-III SULEV200		T4B50	Federal Tier 4 Bin 50	
T3B160	Federal Tier 3 Bin 160		T4B45	Federal Tier 4 Bin 45	
T3B125	Federal Tier 3 Bin 125		T4B40	Federal Tier 4 Bin 40	
T3B110	Federal Tier 3 Transitional Bin 110		T4B35	Federal Tier 4 Bin 35	
T3B85	Federal Tier 3 Transitional Bin 85		T4B30	Federal Tier 4 Bin 30	
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover		T4B25	Federal Tier 4 Bin 25	
T3B70	Federal Tier 3 Bin 70		T4B20	Federal Tier 4 Bin 20	
T3B50	Federal Tier 3 Bin 50		T4B15	Federal Tier 4 Bin 15	
T3B30	Federal Tier 3 Bin 30		T4B10	Federal Tier 4 Bin 10	
T3B20	Federal Tier 3 Bin 20		T4B5	Federal Tier 4 Bin 5	
T3B0	Federal Tier 3 Bin 0		T4B0	Federal Tier 4 Bin 0	
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		

Certification Summary Information Report

Test Group		VTYXT00.0D1S	Evaporative/Refueling Family		--
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 _____

2027MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Test Group: VTYXT00.0D1S

Vehicle Class(es): PC __, LDT1 (0-3750 lbs. LVW) __, LDT2 ($\geq$ 3,751 lbs. LVW) X,

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: 0

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): __

Total Battery Weight (kg.): 456 kg Total Battery Volume (liters): 352

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

Charger(s): 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 @ 10630rpm 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

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR (lbs)	Curb Weight (lbs)	ETW (lbs)	DPA/ RLHP
bZ AWD	N/A	5,645	4,410	4,750	10.7
bZ LIMITED AWD	N/A	5,645	4,495	4,750	11.3
SOLTERRA AWD	N/A	5,645	4,750/4,395	4,750	10.7
SOLTERRA 20 AWD	N/A	5,645	4,510/4,475	4,750	11.3

17.2 Supplemental Data and Certification Review Sheet

E.O.#. _____ Page _____

2027MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA

Test Group: VTYXT00.0D1S

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR (lbs)	Curb Weight (lbs)	ETW (lbs)	DPA/ RLHP
C-HR AWD 18inch	N/A	5,645	4,375 4,380	4,750	11.1
C-HR AWD 20inch	N/A	5,645	4,420	4,750	11.8
UNCHARTED AWD	N/A	5,645	4,430	4,750	10.6
UNCHARTED 20inch AWD	N/A	5,645	4,480	4,750	11.5

Date Issued _____ Revisions _____

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

E.O.#. _____ Page _____

2027MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Test Group: VTYXT00.0D1S

<u>Range Test Results</u>											
				City				Hwy			
Vehicle ID	Trans	(check one) ____TW <u>X</u> ETW (lbs)	(check one) ____DPA <u>X</u> RLHP Or dyno coeff.	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)
26-XA5E (00)	N/A	4,750	10.7	450.202	180	N/A	161	375.025	215	N/A	193
26-XA5E (01)	N/A	4,750	11.3	435.970	184	N/A	166	360.257	223	N/A	201
26-XA5E (02)	N/A	4,750	10.7	451.635	179	N/A	161	375.715	215	N/A	193
26-XK4E (00)	N/A	4,750	11.1	449.327	181	N/A	163	377.203	216	N/A	194
26-XK4E (01)	N/A	4,750	11.8	428.617	190	N/A	171	358.404	228	N/A	204
26-XK5E (00)	N/A	4,750	10.6	462.658	175	N/A	159	386.573	210	N/A	190
26-XK5E (01)	N/A	4,750	11.5	435.096	188	N/A	168	356.554	229	N/A	204

Battery Test Results:

Specific Energy: Wh/kg 164

Remarks:

Date Issued :

Revisions

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

Application:

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

17.3 Reserved

17.4 Vehicle Certification Range

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 periods

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.