

TOYOTA

Application For Certification - Part 1 **2027 Model Year**

Durability Group : VTYXEEVNNKZZ
Evap/refueling Families : N/A
Test Group : VTYXV00.0D11
Test Group Description : Battery electric vehicle (BEV), LDV
Applicable Standards : Federal states : Tier4 - Bin0 - LDV
California : ZEV – PC
Carlines Covered : bZ, bZ LIMITED, SOLTERRA,
C-HR FWD 18inch*, C-HR FWD 20inch*,
UNCHARTED, ES 350e (19 inch Wheels),
ES 350e (21 inch Wheels)

*: Federal only

Engine Series : N/A
Vehicles Tested :

Vehicle I.D.	Config.	Test	Test Number
26-XA3E	00	MCT	TTYX10090477
26-XA3E	01	MCT	TTYX10090476
26-XA3E	02	MCT	TTYX10090475
26-XK3E	00	MCT	TTYX10091829
26-XK3E	01	MCT	TTYX10091831
26-XZ2E	00	MCT	TTYX10092240
26-XZ2E	01	MCT	TTYX10092246
26-XZ2E	02	MCT	TTYX10092245

EPA Response Requested By : June 12, 2026

For Questions, Contact : Lisa Florida 734-695-2697

Note : This is a model-addition running change 26-TR-18 to add C-HR and UNCHARTED to this test group which has been already certified.

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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

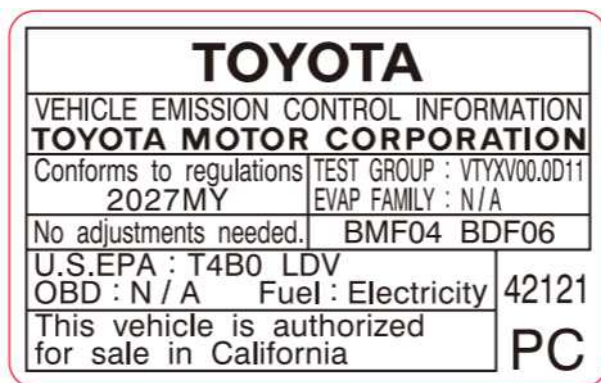
Please refer to recommended Fluid in the owner’s manual.

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 Tier4 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 : VYXT00.0D11

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 : Tier4 - 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 : VTYXV00.0D11
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: EPA2027MY004

US EPA Fee Form

Tracking Information

Pay.gov Tracking ID: 280IPP00

Agency Tracking ID: 77329147201

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 03/17/2026

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

Payment Information

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.

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

Engine Family / Evaporative Family / Test Group *

VTYXV00.0D11

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

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

Vehicle Type	Vehicle ID	Config.	Tests Performed
Certification FEDV	26-XA3E	00	Multi-cycle
		01	Multi-cycle
		02	Multi-cycle
	26-XK3E	00	Multi-cycle
		01	Multi-cycle
	26-XZ2E	00	Multi-cycle
		01	Multi-cycle
		02	Multi-cycle

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

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 VEHICLESManufacturer: TOYOTA Test Group: VTYXV00.0D11Vehicle Class(es): PC X, LDT1 (0-3750 lbs. LVW) _____, LDT2 ($\geq$ 3,751 lbs. LVW) _____,
MDV6 (8,500-10,000 lbs. GVW) _____, MDV7 (10,001-14,000 lbs. GVW) _____ZEV Type: NEV _____, ZEV XNo. of ZEV Credits per vehicle: 0Fuel 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.): 498kg Total Battery Volume (liters): 397No. of batteries or modules per vehicle: 1 Total Battery Voltage: 384.8VCharger(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 Motor 1 Rated motor power 64.0 @ 11,080 rpm Max rpm:Drive: FWD X RWD _____ 4WD-FT _____ 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	N/A	5,555	4,290	4,500	10.2
bZ LIMITED	N/A	5,555	4,375	4,750	11.0
SOLTERRA	N/A	5,555	4,275	4,500	10.1
UNCHARTED	N/A	5,555	4,230	4,500	10.2
ES 350e (19 inch Wheels)	N/A	5,940	4,730	5,000	10.2
ES 350e (21 inch Wheels)	N/A	5,940	4,770	5,000	10.9

Date Issued _____ Revisions _____

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

E.O.#. _____ Page _____

Test group: VTYXV00.0D11

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

Manufacturer: TOYOTA Test Group: VTYXV00.0D11

Range Test Results

				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-XA3E (00)	N/A	4,500	10.2	494.709	162	N/A	147	411.628	195	N/A	177
26-XA3E (01)	N/A	4,750	11.1	458.186	176	N/A	159	380.420	212	N/A	191
26-XA3E (02)	N/A	4,500	10.1	500.575	160	N/A	145	414.847	193	N/A	175
26-XK3E (00)	N/A	4,500	10.3	477.929	168	N/A	153	402.536	199	N/A	181
26-XZ2E (00)	N/A	5,000	10.2	469.431	171	N/A	155	406.373	198	N/A	179
26-XZ2E (01)	N/A	5,000	10.9	434.809	185	N/A	168	381.308	211	N/A	191

Battery Test Results:

Specific Energy: Wh/kg 155

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 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.