

TOYOTA

Application For Certification - Part 1 2026 Model Year

Durability Group : TTYXEEVNNLZZ
Evap/refueling Families : N/A
Test Group : TTYXV00.0D16
Test Group Description : Battery electric vehicle (BEV), LDV
Applicable Standards : Federal states : Tier3 - Bin0 - LDV
California : ZEV - PC
Carlines Covered : ES 500e AWD (19 inch Wheels),
ES 500e AWD (20 inch Wheels)
Engine Series : N/A
Vehicles Tested :

| Vehicle I.D. | Config. | Test | Test Number |
|--------------|---------|------|--------------|
| 26-XZ4E | 00 | MCT | TTYX10092248 |
| 26-XZ4E | 01 | MCT | TTYX10092247 |

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

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1. **Correspondence and Communications**

Please refer to the FOI common file.

2. Confidential Information

2.1 Special Test Procedure

Please refer to the section 16 of CBI Common file

2.2 Projected sales in California

Please refer to the E-Cert

3. Facilities, Equipment and Test Procedures

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

<Equipment> 48 inch, single roll electric dynamometer

<Regenerative Braking> Enabled

<Range Test Procedure>

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

<Test Procedure Used>

Tested using the Multi Cycle Test (MCT)sequence

3.1 Reserved

3.2 Battery and Vehicle Pre-Conditioning Procedures

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

3.3 Battery and Vehicle Break-in Period and Range

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

4.Reserved

5.Reserved

6 Maintenance

6.1 Test Vehicle Scheduled Maintenance

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

6.2 Recommended Customer Maintenance Schedule

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

6.3 Lubricants and heater fuels, if any

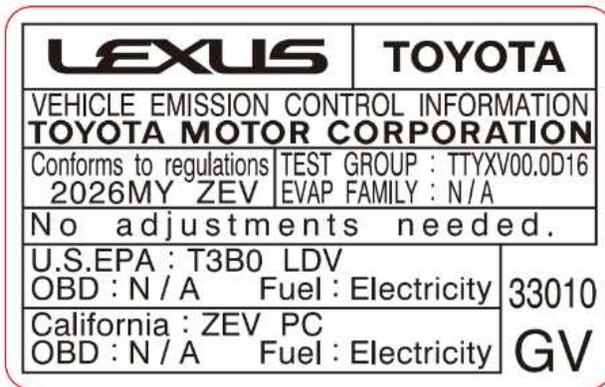
Please refer to recommended Fluid in the owner’s manual.

7 Labels

7.1 VECI Label locations : underside of the hood

7.2 Information of the Labels

Sample of VECI label



Sample of Battery label



7.3 Reserved

7.4 Statement of Compliance

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

8. General Technical Description

Please refer to the section of CBI Test Group file

9. Reserved

10. Reserved

11 Starting and Shifting Schedules

11.1 Starting Procedure

Please refer to Section 12 of the FOI common file

12 Description of Test Group

12. Test Group Description

12.1 Test group name : TTYXV00.0D16

12.2 Engine displacements covered : N/A

12.3 Arrangement and number of cylinders : N/A

12.4 Vehicle class (es) covered : LDV

12.5 Federal emission standards class : Tier3 - Bin0- LDV

12.6 California Emission standards class : ZEV - PC

12.7 Applicable emission standards

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

13. Reserved

14.Request for Certificate

Test group : TTYXV00.0D16
Evap/refueling family : N/A

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

Federal: Tier3-Bin 0

California: ZEV

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



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

15 Other Information

Fee filing form

16. Test Result

16.1 Test Vehicle Description

| Vehicle Type | Vehicle ID | Config. | Tests Performed |
|--------------------|------------|---------|-----------------|
| Certification FEDV | 26-XZ4E | 00 | Multi-cycle |
| | | 01 | Multi-cycle |

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

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | TTYXV00.0D16 | 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 | 2 - LEXUS | 34 - ES 500e AWD(19inch Wheels) | California + CAA Section 177 states | All Wheel Drive | Automatic | 1 | No |
| Toyota Motor Corporation | 2 - LEXUS | 39 - ES 500e AWD(21inch Wheels) | California + CAA Section 177 states | All Wheel Drive | Automatic | 1 | No |
| Toyota Motor Corporation | 2 - LEXUS | 39 - ES 500e AWD(21inch Wheels) | Federal | All Wheel Drive | Automatic | 1 | No |
| Toyota Motor Corporation | 2 - LEXUS | 34 - ES 500e AWD(19inch Wheels) | 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 | -- |

After Treatment Device(s) (ATD)

| | |
|--|----|
| Mfr After Treatment Device (ATD) Comments | -- |
| Direct Ozone Reduction (DOR) Device | -- |
| Mfr Emission Control Device Comments | -- |

Official Test Numbers

| Test Group | Fuel | FTP | US06 | SC03 | Cold CO | Highway | EPA City Litmus Value | EPA City Litmus Threshold | EPA Highway Litmus Value | EPA Highway Litmus Threshold | CREE Weighting Factor |
|-------------|------|-----|------|------|---------|---------|-----------------------|---------------------------|--------------------------|------------------------------|-----------------------|
| Electricity | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Certification Summary Information Report

| | | | |
|--|------------------------|---|----------|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
| Hybrid Electric Vehicle And Fuel Cell Information | | | |
| Rechargeable Energy Storage System | Battery(s) | Rechargeable Energy Storage System, if Other | -- |
| Battery Type | Lithium Ion | Number of Battery Packs | 1 |
| Total Voltage of Battery Packs | 385 | Battery Energy Capacity | 200 |
| Battery Specific Energy | 160 | 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 | 88 |
| Mfr Fuel Cell Description | -- | | |
| Fuel Cell On-Board H2 Storage Capacity (kg) | -- | Usable H2 Fill Capacity (kg) | -- |
| Mfr Hybrid Electric/ Electric Vehicle Comments | -- | | |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

Emission Data Vehicle Information

| | | | |
|----------------------------------|--------------|---|-----------------------------|
| Vehicle ID / Configuration | 26-XZ4E / 0 | Manufacturer Vehicle Configuration Number | 0 |
| Original Test Group Name | TTYXV00.0D16 | Original Evaporative/Refueling Family | -- |
| Original Test Vehicle Model Year | 2026 | | |
| Vehicle Model | | | |
| Represented Test Vehicle Make | LEXUS | Represented Test Vehicle Model | ES 500e AWD (19inch Wheels) |

Leak Family Details

| | | | |
|------------------------|----|------------------|----|
| Leak Family Identifier | -- | Leak Family Name | -- |
|------------------------|----|------------------|----|

Drive Sources and Fuel System Details

| Drive Source and Fuel# | Drive Source | Fuel |
|------------------------|----------------|-------------|
| 1 | Electric Motor | Electricity |

| | | | |
|------------------------------------|---------------------|---|---------------|
| Hybrid Indicator | No | Multiple Fuel Combustion | -- |
| Multiple Fuel Storage | -- | Rechargeable Energy Storage System Indicator | Yes |
| Fuel Cell Indicator | No | Rechargeable Energy Storage System, if 'Other' | -- |
| Rechargeable Energy Storage System | Battery(s) | | |
| Off-board charge Capable Indicator | Yes | Odometer Correction Factor | 1 |
| Odometer Correction -- Initial | 0 | - = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor | |
| Odometer Correction Sign | | | |
| Odometer Correction Units | Miles | Rated Horsepower | 182 |
| Engine Code | 01 | Air Aspiration Method, if 'Other' | |
| Displacement (liters) | 0.001 | Air Aspiration Device Configuration | -- |
| Air Aspiration Method | Naturally Aspirated | Drive Mode While Testing | 4-Wheel Drive |
| Number of Air Aspiration Devices | -- | Aged Emission Components | 4,000 (mi) |
| Charge Air Cooler Type | N/A | Equivalent Test Weight (pounds) | 5250 |
| Shift Indicator Light Usage | Not equipped | N/V Ratio | 0 |
| Curb Weight (lbs) | 4950 | # of Transmission Gears | 1 |
| GVWR (lbs) | -- | Creeper Gear | No |
| Axle Ratio | 0 | | |
| Transmission Type | Automatic | | |
| Transmission Lockup | No | | |

Dynamometer Coefficients:

| Coefficient Category | Target Coefficients | | | Set Coefficients | | | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|----------------------|---------------------|-------------|----------------|------------------|-------------|----------------|---|
| | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | |
| City/Highway/Evap | 32.05 | 0.21323 | 0.015813 | 0 | 0 | 0.015813 | 11 |

Emission Control Device Comments --

Certification Summary Information Report

| | | | |
|---|--|-------------------------------------|----|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
| Manufacturer Test Vehicle Comments | Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW. | | |

Certification Summary Information Report

| | | | |
|--|---|---------------------------------------|------------------------------------|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
| Test # | TTYX10092248 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 08/27/2025 | 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 | 2039 | 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) | 80.6229 |
| Charge Depleting Range (Calculated miles) | 415.439 | Charge Depleting Range (Actual miles) | 415.439 |
| Charge Depleting Range Highway (Calculated miles) | 369.45 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 415.439 |
| 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) | 7.445104 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 0.35 |
| Drive Trace Energy Economy Rating | 0.01 |
| Drive Trace Inertia Work Ratio Rating | 0.73 |
| Integrated DC KW-HRS | 1.4392701 |
| Manufacturer Fuel Economy | 19.3317665 |

Charge Depleting Bag/Phase #2

Certification Summary Information Report

| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|------------|----------------------------------|---|--|------|-----------------------------------|-------|---------------------------------------|------|----------------------|------------|---------------------------|------------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2564397</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.89</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>1.32</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.077902</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>20.2594862</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.2564397 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.89 | Drive Trace Energy Economy Rating | -0.11 | Drive Trace Inertia Work Ratio Rating | 1.32 | Integrated DC KW-HRS | 2.077902 | Manufacturer Fuel Economy | 20.2594862 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.2564397 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.89 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.11 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 1.32 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.077902 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 20.2594862 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | |
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.4492057 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.84 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.5 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 1.32 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3323094 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 17.8852544 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>223.968764</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>55.3063173</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.6937637</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 223.968764 | 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 | 55.3063173 | Manufacturer Fuel Economy | 24.6937637 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 223.968764 | | | | | | | | | | | | | | | | | | |
| 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 | 55.3063173 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 24.6937637 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | |
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.4424725 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.49 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.14 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.89 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.2887809 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 17.3165694 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| | | | |
|-------------------|--------------|------------------------------|----|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
|-------------------|--------------|------------------------------|----|

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 10.2543201 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 1.32 |
| Drive Trace Energy Economy Rating | 0.04 |
| Drive Trace Inertia Work Ratio Rating | 1.84 |
| Integrated DC KW-HRS | 1.9695509 |
| Manufacturer Fuel Economy | 19.2070353 |

Charge Depleting Bag/Phase #7

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 7.4603758 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 1.03 |
| Drive Trace Energy Economy Rating | 0.34 |
| Drive Trace Inertia Work Ratio Rating | 1.86 |
| Integrated DC KW-HRS | 1.2931504 |
| Manufacturer Fuel Economy | 17.333582 |

Charge Depleting Bag/Phase #8

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 33.3440067 |
| 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 | 8.1971835 |
| Manufacturer Fuel Economy | 24.5836788 |

Manufacturer Test Comments

To avoid system rejection, we are substituting the value of EPA-Calculated UDDS Range (TI-76) into the Manufacturer-Calculated Charge Depleting Range (Calculated Miles) (TI-18.6.1). This will be corrected later.

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

Emission Data Vehicle Information

| | | | |
|----------------------------------|--------------|---|-----------------------------|
| Vehicle ID / Configuration | 26-XZ4E / 1 | Manufacturer Vehicle Configuration Number | 1 |
| Original Test Group Name | TTYXV00.0D16 | Original Evaporative/Refueling Family | -- |
| Original Test Vehicle Model Year | 2026 | | |
| Vehicle Model | | | |
| Represented Test Vehicle Make | LEXUS | Represented Test Vehicle Model | ES 500e AWD (21inch Wheels) |

Leak Family Details

| | | | |
|------------------------|----|------------------|----|
| Leak Family Identifier | -- | Leak Family Name | -- |
|------------------------|----|------------------|----|

Drive Sources and Fuel System Details

| Drive Source and Fuel# | Drive Source | Fuel |
|------------------------|----------------|-------------|
| 1 | Electric Motor | Electricity |

| | | | |
|------------------------------------|---------------------|---|---------------|
| Hybrid Indicator | No | Multiple Fuel Combustion | -- |
| Multiple Fuel Storage | -- | Rechargeable Energy Storage System Indicator | Yes |
| Fuel Cell Indicator | No | Rechargeable Energy Storage System, if 'Other' | -- |
| Rechargeable Energy Storage System | Battery(s) | | |
| Off-board charge Capable Indicator | Yes | Odometer Correction Factor | 1 |
| Odometer Correction -- Initial | 0 | - = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor | |
| Odometer Correction Sign | Miles | | |
| Odometer Correction Units | Miles | Rated Horsepower | 182 |
| Engine Code | 01 | Air Aspiration Method, if 'Other' | |
| Displacement (liters) | 0.001 | Air Aspiration Device Configuration | -- |
| Air Aspiration Method | Naturally Aspirated | Drive Mode While Testing | 4-Wheel Drive |
| Number of Air Aspiration Devices | -- | Aged Emission Components | 4,000 (mi) |
| Charge Air Cooler Type | N/A | Equivalent Test Weight (pounds) | 5250 |
| Shift Indicator Light Usage | Not equipped | N/V Ratio | 0 |
| Curb Weight (lbs) | 4995 | # of Transmission Gears | 1 |
| GVWR (lbs) | -- | Creeper Gear | No |
| Axle Ratio | 0 | | |
| Transmission Type | Automatic | | |
| Transmission Lockup | No | | |

Dynamometer Coefficients:

| Coefficient Category | Target Coefficients | | | Set Coefficients | | | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|----------------------|---------------------|-------------|----------------|------------------|-------------|----------------|---|
| | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | |
| City/Highway/Evap | 33.622 | 0.21377 | 0.015842 | -2.422 | 0.11964 | 0.01459 | 11.2 |

Emission Control Device Comments --

Certification Summary Information Report

| | | | |
|---|--|-------------------------------------|----|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
| Manufacturer Test Vehicle Comments | Front Motor Power - 64 kW; Rear Motor Power - 71.9 kW. | | |

Certification Summary Information Report

| | | | |
|--|---|---------------------------------------|------------------------------------|
| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
| Test # | TTYX10092247 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 09/18/2025 | 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 | 2561 | 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) | 80.9661 |
| Charge Depleting Range (Calculated miles) | 414.912 | Charge Depleting Range (Actual miles) | 414.912 |
| Charge Depleting Range Highway (Calculated miles) | 367.7 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 414.912 |
| 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) | 7.44453 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 0.14 |
| Drive Trace Energy Economy Rating | -0.27 |
| Drive Trace Inertia Work Ratio Rating | 0.46 |
| Integrated DC KW-HRS | 1.4563128 |
| Manufacturer Fuel Economy | 19.5621856 |

Charge Depleting Bag/Phase #2

Certification Summary Information Report

| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|-------------|----------------------------------|---|--|------|-----------------------------------|-------|---------------------------------------|------|----------------------|-----------|---------------------------|------------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2547461</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.8</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>1.27</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.0921308</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>20.4015859</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.2547461 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.8 | Drive Trace Energy Economy Rating | -0.25 | Drive Trace Inertia Work Ratio Rating | 1.27 | Integrated DC KW-HRS | 2.0921308 | Manufacturer Fuel Economy | 20.4015859 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.2547461 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.8 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.25 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 1.27 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.0921308 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 20.4015859 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.4470976</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.09</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>0.36</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.3307085</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>17.8688202</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.4470976 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.09 | Drive Trace Energy Economy Rating | -0.21 | Drive Trace Inertia Work Ratio Rating | 0.36 | Integrated DC KW-HRS | 1.3307085 | Manufacturer Fuel Economy | 17.8688202 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.4470976 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.09 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.21 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.36 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3307085 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 17.8688202 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>223.8919468</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>55.095947</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.6082755</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 223.8919468 | 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 | 55.095947 | Manufacturer Fuel Economy | 24.6082755 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 223.8919468 | | | | | | | | | | | | | | | | | | |
| 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 | 55.095947 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 24.6082755 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | |
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.44923 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.12 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.11 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.42 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.292654 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 17.3528542 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|------------|----------------------------------|---|--|------|-----------------------------------|-------|---------------------------------------|------|----------------------|-----------|---------------------------|------------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2544754</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.8</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>2.47</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.973419</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.2444656</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.2544754 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 1.8 | Drive Trace Energy Economy Rating | -0.11 | Drive Trace Inertia Work Ratio Rating | 2.47 | Integrated DC KW-HRS | 1.973419 | Manufacturer Fuel Economy | 19.2444656 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.2544754 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 1.8 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.11 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 2.47 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.973419 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 19.2444656 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #7 | | | | | | | | | | | | | | | | | | | |
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.4474435 | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.39 | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.02 | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.79 | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.2927664 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 17.3585263 | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #8 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>33.910019</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>8.3552669</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.6395228</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 33.910019 | 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 | 8.3552669 | Manufacturer Fuel Economy | 24.6395228 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 33.910019 | | | | | | | | | | | | | | | | | | |
| 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 | 8.3552669 | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 24.6395228 | | | | | | | | | | | | | | | | | | |
| Manufacturer Test Comments | -- | | | | | | | | | | | | | | | | | | |
| Fuel Properties | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| | | | | | | | | | |
|---------------------------------------|-------------------------------------|-----------------------|------------------------------|--------------------|--|--|----------------|---------------|------------|
| Test Group | TTYXV00.0D16 | | Evaporative/Refueling Family | | | -- | | | |
| Consolidated List of Standards | | | | | | | | | |
| Exhaust Standards | | | | | | | | | |
| Cert Region | Federal | | Cert/In-Use Code | | | Cert | | | |
| Vehicle Class | LDV/Passenger Car | | Standard Level | | | Federal Tier 3 Bin 0 | | | |
| Fuel | Electricity | | Test Procedure | | | Federal fuel 3-day exhaust | | | |
| Useful Life | Emission Name | Rounded Result | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF | Std |
| 150,000 miles | CO | -- | -- | -- | -- | -- | -- | 0 | 0.0 |
| Exhaust Standards | | | | | | | | | |
| Cert Region | Federal | | Cert/In-Use Code | | | Cert | | | |
| Vehicle Class | LDV/Passenger Car | | Standard Level | | | Federal Tier 3 Bin 0 | | | |
| Fuel | Electricity | | Test Procedure | | | Charge Depleting Highway | | | |
| Useful Life | Emission Name | Rounded Result | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF | Std |
| 150,000 miles | CREE | -- | -- | -- | -- | -- | -- | 0 | 999.9999 |
| 150,000 miles | MFR FE | -- | -- | -- | -- | -- | -- | 0 | 999.9999 |
| Exhaust Standards | | | | | | | | | |
| Cert Region | Federal | | Cert/In-Use Code | | | Cert | | | |
| Vehicle Class | LDV/Passenger Car | | Standard Level | | | Federal Tier 3 Bin 0 | | | |
| Fuel | Electricity | | Test Procedure | | | Charge Depleting UDDS | | | |
| Useful Life | Emission Name | Rounded Result | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF | Std |
| 150,000 miles | CREE | -- | -- | -- | -- | -- | -- | 0 | 999.9999 |
| 150,000 miles | MFR FE | -- | -- | -- | -- | -- | -- | -- | 999.9999 |
| Exhaust Standards | | | | | | | | | |
| Cert Region | California + CAA Section 177 states | | Cert/In-Use Code | | | Cert | | | |
| Vehicle Class | LDV/Passenger Car | | Standard Level | | | California ZEV | | | |
| Fuel | Electricity | | Test Procedure | | | 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 |

Certification Summary Information Report

| | | | | | | | | | | |
|----------------------|----------------------|-------------------------------------|------------|--------------------|--|--|----------------|-------------------------------|------------|--|
| Test Group | | TTYXV00.0D16 | | | Evaporative/Refueling Family | | | -- | | |
| Cert Region | | California + CAA Section 177 states | | | Cert/In-Use Code | | | Cert | | |
| Vehicle Class | | LDV/Passenger Car | | | Standard Level | | | California ZEV | | |
| Fuel | | Electricity | | | Test Procedure | | | 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 | |
| Cert Region | | California + CAA Section 177 states | | | Cert/In-Use Code | | | Cert | | |
| Vehicle Class | | LDV/Passenger Car | | | Standard Level | | | California ZEV | | |
| Fuel | | Electricity | | | Test Procedure | | | Charge Depleting UDDS | | |
| Useful Life | Emission Name | Rounded Result | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF | Std | |
| 150,000 miles | MFR FE | -- | -- | -- | -- | -- | -- | -- | 999.9999 | |

Certification Summary Information Report

| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | -- |
|----------------------|---|------------------------------|--|
| Glossary | | | |
| Useful Life | | | |
| 4 | 4,000 miles | 120 | 120,000 miles |
| 50 | 50,000 miles | 150 | 150,000 miles |
| 100 | 100,000 miles | | |
| Emission Name | | | |
| HC-TOTAL | Total Hydrocarbon | AS-VOLT | Average System Voltage |
| CO | Carbon Monoxide | CO2 BAG 1 | Bag 1 Carbon Dioxide |
| CO2 | Carbon dioxide | CO2 BAG 2 | Bag 2 Carbon Dioxide |
| CREE | Carbon-Related Exhaust Emissions | CO2 BAG 3 | Bag 3 Carbon Dioxide |
| OPT-CREE | Optional Carbon-Related Exhaust Emissions | CO2 BAG 4 | Bag 4 Carbon Dioxide |
| NOX | Nitrogen Oxide | NMOG+NOX | Non-methane organic gases plus Nitrogen Oxides |
| PM | Particulate Matter | NMOG+NOX-COMP | SFTP Composite Non-methane Organic Gases + Nitrogen Oxides |
| PM-COMP | SFTP Composite Particulate Matter | DT-IWRR | Drive Trace Inertia Work Ratio Rating |
| HC-NM | Non-methane Hydrocarbon | DT-ASCR | Drive Trace Absolute Speed Change Rating |
| OMHCE | Organic material Hydrocarbon Equivalent | DT-EER | Drive Trace Energy Economy Rating |
| OMNMHCE | Organic material non-methane HC equivalent | COMB-CREE | Combined Carbon-Related Exhaust Emissions |
| NMOG | Non-methane organic gases | COMB-OPT-CREE | Combined Optional Carbon-Related Exhaust Emissions |
| HCHO | Formaldehyde | HC-TOTAL-EQUIV | Total Hydrocarbon equivalent - Evap only |
| H3C2HO | Acetaldehyde | METHANE-COMB | Combined CH4 for HD 2b/3 vehicles only |
| HC-NM+NOX | SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03 | N2O-COMB | Combined Nitrous Oxide for HD 2b/3 vehicles only |
| HC-NM+NOX-COMP | SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides | LEAK-DIA | Effective Leak Diameter (inches) |
| CO-COMP | SFTP Composite Carbon Monoxide | LEAK-GAS CAP | Gas Cap Leakage (cc/min) |
| ETHANOL | C2H5OH - Ethanol | CO2-COMB | Combined Carbon Dioxide for HD 2b/3 Vehicles Only |
| FE BAG 1 | Bag 1 Fuel Economy | KW-HRS | Integrated DC KW-HRS |
| FE BAG 2 | Bag 2 Fuel Economy | CH4 BAG 1 | Bag 1 Methane |
| FE BAG 3 | Bag 3 Fuel Economy | CH4 BAG 2 | Bag 2 Methane |
| FE BAG 4 | Bag 4 Fuel Economy | CH4 BAG 3 | Bag 3 Methane |
| MFR FE | Manufacturer Fuel Economy | CH4 BAG 4 | Bag 4 Methane |
| HC | Hydrocarbon for Running Loss and ORVR | CO BAG 1 | Bag 1 Carbon Monoxide |
| METHANE | CH4 - Methane | CO BAG 2 | Bag 2 Carbon Monoxide |
| METHANOL | CH3OH - Methanol | CO BAG 3 | Bag 3 Carbon Monoxide |
| N2O | Nitrous Oxide | CO BAG 4 | Bag 4 Carbon Monoxide |
| SPITBACK | Spitback Hydrocarbon in grams | NMOG BAG 1 | Bag 1 Non-methane organic gases |
| AMP-HRS | Integrated Amp-hours | NMOG BAG 2 | Bag 2 Non-methane organic gases |
| START-SOC | System Start State of Charge Watt-hours | NMOG BAG 3 | Bag 3 Non-methane organic gases |
| END-SOC | System End State of Charge Watt-hours | NMOG BAG 4 | Bag 4 Non-methane organic gases |
| ACT-DISTANCE | Actual Distance Driven (miles) | | |

Certification Summary Information Report

| Test Group | TTYXV00.0D16 | Evaporative/Refueling Family | |
|--|---|------------------------------|--|
| CA | California + CAA Section 177 states | FA | Federal |
| Exhaust Emission Standard Level | | | |
| B1 | Federal Tier 2 Bin 1 | T3B160 | Federal Tier 3 Bin 160 |
| B2 | Federal Tier 2 Bin 2 | T3B125 | Federal Tier 3 Bin 125 |
| B3 | Federal Tier 2 Bin 3 | T3B110 | Federal Tier 3 Transitional Bin 110 |
| B4 | Federal Tier 2 Bin 4 | T3B85 | Federal Tier 3 Transitional Bin 85 |
| B5 | Federal Tier 2 Bin 5 | T3SULEV30 | Federal Tier 3 Transitional LEV-II SULEV30 Carryover |
| B6 | Federal Tier 2 Bin 6 | T3B70 | Federal Tier 3 Bin 70 |
| B7 | Federal Tier 2 Bin 7 | T3B50 | Federal Tier 3 Bin 50 |
| B8 | Federal Tier 2 Bin 8 | T3B30 | Federal Tier 3 Bin 30 |
| B9 | Federal Tier 2 Bin 9 | T3B20 | Federal Tier 3 Bin 20 |
| B10 | Federal Tier 2 Bin 10 | T3B0 | Federal Tier 3 Bin 0 |
| B11 | Federal Tier 2 Bin 11 | HDV2B395 | Federal Tier 3 HD Class 2b Transitional Bin 395 |
| HDV1 | HDV1 (Federal HD chassis Class 2b GVW 8501-10000) | HDV2B340 | Federal Tier 3 HD Class 2b Transitional Bin 340 |
| HDV2 | HDV2 (Federal HD chassis Class 3 GVW 10001-14000) | HDV2B250 | Federal Tier 3 HD Class 2b Bin 250 |
| L2 | California LEV-II LEV | HDV2B200 | Federal Tier 3 HD Class 2b Bin 200 |
| L2OP | California LEV-II LEV Optional | HDV2B170 | Federal Tier 3 HD Class 2b Bin 170 |
| U2 | California LEV-II ULEV | HDV2B150 | Federal Tier 3 HD Class 2b Bin 150 |
| S2 | California LEV-II SULEV | HDV2B0 | Federal Tier 3 HD Class 2b Bin 0 |
| ZEV | California ZEV | HDV3B630 | Federal Tier 3 HD Class 3 Transitional Bin 630 |
| OT | Other | HDV3B570 | Federal Tier 3 HD Class 3 Transitional Bin 570 |
| T1 | Federal Tier 1 | HDV3B400 | Federal Tier 3 HD Class 3 Bin 400 |
| PZEV | California PZEV | HDV3B270 | Federal Tier 3 HD Class 3 Bin 270 |
| L2LEV160 | California LEV-II LEV160 | HDV3B230 | Federal Tier 3 HD Class 3 Bin 230 |
| L2ULEV125 | California LEV-II ULEV125 | HDV3B200 | Federal Tier 3 HD Class 3 Bin 200 |
| L2SULEV30 | California LEV-II SULEV30 | HDV3B0 | Federal Tier 3 HD Class 3 Bin 0 |
| L2LEV395 | California LEV-II LEV395 | L4SULEV100 | California LEV-IV SULEV100 |
| L2ULEV340 | California LEV-II ULEV340 | L4SULEV125 | California LEV-IV SULEV125 |
| L2LEV630 | California LEV-II LEV630 | L4SULEV15 | California LEV-IV SULEV15 |
| L2ULEV570 | California LEV-II ULEV570 | L4SULEV150 | California LEV-IV SULEV150 |
| L3LEV160 | California LEV-III LEV160 | L4SULEV170 | California LEV-IV SULEV170 |
| L3ULEV125 | California LEV-III ULEV125 | L4SULEV175 | California LEV-IV SULEV175 |
| L3ULEV70 | California LEV-III ULEV70 | L4SULEV20 | California LEV-IV SULEV20 |
| L3ULEV50 | California LEV-III ULEV50 | L4SULEV200 | California LEV-IV SULEV200 |
| L3SULEV30 | California LEV-III SULEV30 | L4SULEV230 | California LEV-IV SULEV230 |
| L3SULEV20 | California LEV-III SULEV20 | L4SULEV25 | California LEV-IV SULEV25 |
| L3LEV395 | California LEV-III LEV395 | L4SULEV30 | California LEV-IV SULEV30 |
| L3ULEV340 | California LEV-III ULEV340 | L4SULEV75 | California LEV-IV SULEV75 |
| L3ULEV250 | California LEV-III ULEV250 | L4SULEV85 | California LEV-IV SULEV85 |
| L3ULEV200 | California LEV-III ULEV200 | L4ULEV125 | California LEV-IV ULEV125 |

Certification Summary Information Report

| Test Group | | TTYXV00.0D16 | Evaporative/Refueling Family | | -- |
|--------------------------------------|---|--------------|------------------------------|--|----|
| L3SULEV170 | California LEV-III SULEV170 | | L4ULEV200 | California LEV-IV ULEV200 | |
| L3SULEV150 | California LEV-III SULEV150 | | L4ULEV250 | California LEV-IV ULEV250 | |
| L3LEV630 | California LEV-III LEV630 | | L4ULEV270 | California LEV-IV ULEV270 | |
| L3ULEV570 | California LEV-III ULEV570 | | L4ULEV40 | California LEV-IV ULEV40 | |
| L3ULEV400 | California LEV-III ULEV400 | | L4ULEV400 | California LEV-IV ULEV400 | |
| L3ULEV270 | California LEV-III ULEV270 | | L4ULEV50 | California LEV-IV ULEV50 | |
| L3SULEV230 | California LEV-III SULEV230 | | L4ULEV60 | California LEV-IV ULEV60 | |
| L3SULEV200 | California LEV-III SULEV200 | | L4ULEV70 | California LEV-IV ULEV70 | |
| Transmission Type Code | | | | | |
| AMS | Automated Manual- Selectable (e.g. Automated Manual with paddles) | | M | Manual | |
| A | Automatic | | OT | Other | |
| AM | Automated Manual | | SA | Semi-Automatic | |
| CVT | Continuously Variable | | SCV | Selectable Continuously Variable (e.g. CVT with paddles) | |
| Drive System Code | | | | | |
| 4 | 4-Wheel Drive | | P | Part-time 4-Wheel Drive | |
| F | 2-Wheel Drive, Front | | A | All Wheel Drive | |
| R | 2-Wheel Drive, Rear | | | | |
| Additional Terms and Acronyms | | | | | |
| AFC | Alternative Fuel Converter | | ICI | Independent Commercial Importer | |
| CSI | Certificate Summary Information | | ORVR | Onboard Refueling Vapor Recovery | |
| DF | Deterioration Factor | | SIL | Shift Indicator Light | |
| Evap | Evaporation, Evaporative | | Trans | Transmission | |

17 California Requirements

17.1 Statement of Compliance

17.1.1 General statement

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

with Section 43101 of the Health and Safety Code.

17.1.2 Driveability Statement

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

17.2 Supplemental Data and Certification Review Sheet

E.O.#. _____ Page _____

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

Manufacturer: TOYOTA Test Group: TTYXV00.0D16

Vehicle 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 X

No. of ZEV Credits per vehicle: 1

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

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

Total Battery Weight (kg.): 482 kg Total Battery Volume (liters): 397

No. of batteries or modules per vehicle: 1 Total Battery Voltage: 384.8 V

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

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

Switched Reluctance _____ Other (specify): AC Synchronous.

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

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

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

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

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

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

17.2 Supplemental Data and Certification Review Sheet

| Vehicle Make & Models (If coded, see attachments) | Trans type M5, A4 (If applicable) | GVWR (lbs) | Curb Weight (lbs) | ETW (lbs) | DPA/ RLHP |
|--|--|---------------|-------------------------|--------------|------------|
| ES 500e AWD (19 inch Wheels) | N/A | 6065 | 4950 | 5250 | 10.6, 11.0 |
| ES 500e AWD (21 inch Wheels) | N/A | 6065 | 4995 | 5250 | 11.2 |

Date Issued _____ Revisions _____

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

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

Manufacturer: TOYOTA Test Group: TTYXV00.0D16

| Range Test Results | | | | | | | | | | | |
|---------------------------|-------|------------------------------------|--|---------------|-------------------|-------------------|--------------------|---------------|-------------------|-------------------|--------------------|
| | | | | City | | | | Hwy | | | |
| Vehicle ID | Trans | (check one) | (check one) | Range (miles) | System AC (Wh/mi) | System DC (Wh/mi) | Vehicle DC (Wh/mi) | Range (miles) | System AC (Wh/mi) | System DC (Wh/mi) | Vehicle DC (Wh/mi) |
| | | <u> </u> TW <u>X</u> ETW (lbs) | <u> </u> DPA <u>X</u> RLHP Or dyno coeff. | | | | | | | | |
| 26-XZ4E (00) | N/A | 5250 | 11.0 | 415.464 | 194 | N/A | 175 | 369.450 | 218 | N/A | 197 |
| 26-XZ4E (01) | N/A | 5250 | 11.2 | 414.912 | 195 | N/A | 176 | 367.700 | 220 | N/A | 198 |

Battery Test Results:

Specific Energy: Wh/kg 160

Remarks:

Date Issued :

Revisions

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

Application:

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

17.3 Reserved

17.4 Vehicle Certification Range

17.4.1 Vehicle Value

Please refer to the CBI Test Group file.

17.5 Vehicle Safety

17.5.1 All Information for Safe Operation of Vehicle

17.5.2 Information on Safe Handling of Battery System

17.5.3 Description of Emergency Procedure

17.5.4 Emergency

Please refer to the owner's manual

17.6 PRP warranty period

Please refer to the CBI Test Group file.

17.7 An attestation of 1962.5

Please refer to the ZEV Data Standardization Attestation Form

17.8 Communication Protocol with a Scan Tool

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

18. Service Information Availability

Please refer to Section 1 of the FOI common file.