TOYOTA

Application For Certification - Part 1
2026 Model Year

Durability Group : TTYXHHGNNB2A

Evap/refueling Families : TTYXR0165J42

Test Group : TTYXV02.5H3A

Durability Group Description : Four Stroke, Otto Cycle, Gasoline Fueled,

: Ported FI, Catalyst code: 3-IIZ60+3-IIq2

Test Group Description : 2.5 Liter I4 LDV

Applicable Standards : Federal State: Tier3-Bin 30 - LDV

: California: LEV IV-SULEV30 - PC

Carlines Covered : ES 350h, ES 350h AWD

Engine Series : A25A-FXS

Vehicles Tested :

Vehicle I.D.	Config.	Test	Test Number
26-AH1H	00	FTP	TTYX10093234
26-AH1H	00	HWY	TTYX10093240
26-AH1H	00	SFTP (US06)	TTYX10093236
26-AH1H	00	SFTP (SC03)	TTYX10093237
23-TL1H	00	EVAP	PTYX10075330, PTYX10075331
23-TL1H	00	Running Loss	PTYX10075332
20-AU1H	00	Refueling	LTYX10061147
26-AH1H	00	C.CO,C.HC	TTYX10093238

EPA Response Requested By : May 11, 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. Durability Group Description

Durability Group Name : TTYXHHGNNB2A

Please refer to the common file for details.

3. Evaporative/Refueling Family Description

Evaporative/Refueling Family Name : TTYXR0165J42

Please refer to the FOI common file for details.

4. Durability Procedure Description

4.1 Exhaust Durability Test Procedure

4.2 Durability Showing

4.3 Evap/refueling Durability Test Procedure

Please refer to the CBI common file.

4.4 Exhaust Emission Deterioration Factors

4.5 Evap/refueling Emission Deterioration Factors

4.6 Equivalency Factor

Please refer to Certification Summary Information Report in Section 7 or FOI common file.

5. Test Group Description

5.1	Test group name	:	TTYXV02.5H3A
5.2	Engine displacements covered	:	2,487 cm^3 (151.8 CID)
5.3	Arrangement and number of cylinders	:	I4
5.4	Vehicle class (es) covered	:	LDV
5.5	Federal emission standards class	:	Tier3-Bin30 - LDV
5.6	California emission standards class	:	LEV IV-SULEV30 - PC
5.7	Applicable emission standards		

Please refer to Certification Summary Information Report in Section 7.

6. Test Vehicle Description

DDV: Utilizing good engineering judgement that considered vehicle curb weight, road load coefficients, catalyst heat stress, we judged 26MY ES 350h AWD is the representative DDV in this Durability Group. ES 350h AWD was chosen as representative DDV because it has the same engine (A25A-FXS), same ECS, and the exact same catalyst specification.

EDV: Utilizing good engineering judgement that considered vehicle curb weight, road load coefficients, catalyst heat stress, we judged 26MY ES 350h AWD is the representative EDV in this Test Group. ES 350h AWD was chosen as representative EDV because it has the same engine (A25A-FXS), same ECS, and the exact same catalyst specification.

For complete vehicle description, refer to Certification Summary Information Report Sheet, enclosed in Section 7 of this application.

Certification Summary Information Report

Manufacturer	Toyota Motor Corporation	**Manufacturer Code**	TYX
Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
Certificate Number	--	**CARB Executive Order #**	--
Certificate Issue Date	--	**Certificate Revision Date**	--
Certificate Effective Date	--	**Conditional Certificate**	--
CSI Revision #	--	**CSI Submission/Revision Date**	03/06/2026 06:52:35 AM
Model Year	2026		

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

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	--	No

Drive Source #2: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Gasoline	Spark Ignition direct & ported injection	No

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	**Rechargeable Energy Storage System Indicator**	Yes
Multiple Fuel Combustion	--	**Off-board Charge Capable Indicator**	No
Fuel Cell Indicator	No	**EPA Vehicle Class**	LDV
Federal Clean Fuel Vehicle	No	**Federal Clean Fuel Vehicle Standard**	--
Federal Clean Fuel Vehicle ILEV	No	**California Partial Zero Emissions Vehicle Indicator**	No
Durability Group Name	TTYXHHGNNB2A	**Durability Group Equivalency Factor**	0.7
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	Tier 3	**SFTP Tier 2 Composite CO Option**	No
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	**OBD Demonstration Vehicle Test Group**	TTYXV02.0E4A
Test Group OBD Compliance Level	Full - no deficiencies	**Number of Test Group OBD Deficiencies**	0
OBD Deficiencies Comments	--		
Mfr Test Group Comments	--		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Evaporative/Refueling Family Information

Evaporative Summary Information Type	New	**Submission/Correction Date**	12/25/2024 09:42:26 PM
Integrated ORVR?	No	**Fuel(s)**	Gasoline, Electricity
Multiple Fuel Storage	Fuels Stored Together		
Bladder Fuel Tank?	No		
Fuel Tank Material	Plastic	**Fuel Tank Material Description**	EVOH
Fill Pipe Seal Type	Liquid seal		
Air Intake System Vapor Storage Device?	No	**Air Intake System Vapor Storage Device Description**	--
Fuel System Vapor Storage Canister?	Yes	**Other Vapor Storage**	--
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	165	**Number of Primary Canisters**	1
Number of Bleed Canisters	0	**Bleed Canister Total Working Capacity (grams)**	--
Mfr Evaporative/Refueling Family Comments	--		

Leak Family Details

Leak Family Indicator	No		
Canister Bleed Test Indicator	No	**Applicability of Evaporative Canister Bleed Test**	--
Evaporative Canister Bleed Test Comments	--		
CARB Fuel Only (Rig) Test Indicator	No	**Applicability of CARB Fuel Only (Rig) Test**	--
CARB Fuel Only (Rig) Test Comments	--		

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	37 - ES 350h	California + CAA Section 177 states	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	6	No
Toyota Motor Corporation	2 - LEXUS	38 - ES 350h AWD	Federal	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	6	No
Toyota Motor Corporation	2 - LEXUS	38 - ES 350h AWD	California + CAA Section 177 states	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	6	No
Toyota Motor Corporation	2 - LEXUS	37 - ES 350h	Federal	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	6	No

Engine Description

Hybrid Type	IC Engine/Electric Motor	**Hybrid Description**	--
Engine Type	4-Stroke Spark Ignition	**Mfr Engine Description**	--
Engine Block Arrangement	Inline	**Mfr Engine Block Arrangement Description**	--
Camless Valvetrain Indicator	No	**Oil Viscosity/Classification**	0W-8
Number of Cylinders/Rotors	4	**Mechanically Variable Compression Ratio Indicator**	N

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

After Treatment Device(s) (ATD)

ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Palladium + Rhodium	Ceramic	Monolith
2	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith

Mfr After Treatment Device (ATD) Comments	--
Direct Ozone Reduction (DOR) Device	Not Equipped
Mfr Emission Control Device Comments	--

Engine Configuration Number 1

Engine Displacement (liters)	2.5	**Engine Rated Horsepower**	186
Number of Inlet Valves Per Cylinder	2	**Number of Exhaust Valves Per Cylinder**	2
Air Aspiration Method	Naturally Aspirated	**Number of Air Aspiration Devices**	--
Air Aspiration Device Configuration	--	**Charge Air Cooler Type**	N/A
Air Aspiration Drive Method(s)	--		
Cylinder Deactivation	No		
Cylinder Deactivation Description	--		
Variable Valve Timing	Yes		
Variable Valve Timing System Description	Intake and exhaust		
Variable Valve Lift?	No		
Variable Valve Lift System Description	--		
Number of Knock Sensors	1	**Number of Air/Fuel Sensors**	2
Air/Fuel Sensor # 1 Type	Heated air fuel	**Air/Fuel Sensor # 1 Description**	--
Air/Fuel Sensor # 2 Type	Heated air fuel	**Air/Fuel Sensor # 2 Description**	--
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	Yes	**Cooled Exhaust Gas Recirculation**	Yes
EGR Type	Electronic/Electric	**Exhaust Gas Recirculation Description if 'Other'**	--
Closed Loop Air Injection System	No		
Air Injection Type	Not Applicable	**Air Injection Type if 'Other'**	--
Mfr Engine Configuration 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	TTYX10093234	TTYX10093236	TTYX10093237	TTYX10093238	TTYX10093240	--	--	--	--	--
Gasoline	TTYX10093234	TTYX10093236	TTYX10093237	TTYX10093238	TTYX10093240	220.7	42.2	173.0	40.0	--

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

SFTP LEV-III Official Test Numbers

Test Group Fuel	FTP	US06	SC03
Gasoline	TTYX10093234	TTYX10093236	TTYX10093237
Electricity	TTYX10093234	TTYX10093236	TTYX10093237

Hybrid Electric Vehicle And Fuel Cell Information

Rechargable Energy Storage System	Battery(s)	**Rechargable Energy Storage System, if Other**	--
Battery Type	Lithium Ion	**Number of Battery Packs**	1
Total Voltage of Battery Packs	248	**Battery Energy Capacity**	4
Battery Specific Energy	93.8	**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**	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	2		
Motor/Generator Type 1	AC SYNCHRONOUS	**Rated Motor/Generator Power**	119
Motor/Generator Type 2	AC SYNCHRONOUS	**Rated Motor/Generator Power**	41
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	**Usable H2 Fill Capacity (kg)**	--
Mfr Hybrid Electric/ Electric Vehicle Comments	"41kWatt" of Rated Motor/Generator Power is only for AWD.		

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Emission Data Vehicle Information

Vehicle ID / Configuration	20-AU1H / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	LTYXT02.5P34	**Original Evaporative/Refueling Family**	LTYXR0165J82
Original Test Vehicle Model Year	2020		

Vehicle Model

Represented Test Vehicle Make	TOYOTA	**Represented Test Vehicle Model**	HIGHLANDER HYBRID AWD LTD/PLAT

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
2	Combustion Engine	Gasoline

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	No	**Rechargeable Energy Storage System Indicator**	Yes
Rechargeable Energy Storage System	Battery(s)	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	No		
Odometer Correction -- Initial	29	**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**	186
Displacement (liters)	2.487		
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 eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	4595	**Equivalent Test Weight (pounds)**	5000
GVWR (lbs)	6065	**N/V Ratio**	22.4
Axle Ratio	3.64		
Transmission Type	Continuously Variable	**# of Transmission Gears**	1
Transmission Lockup	No	**Creeper Gear**	No

Certification Summary Information Report

Test Group	TTYXV02.5H3A	Evaporative/Refueling Family	TTYXR0165J42

Dynamometer Coefficients:

Coefficient Category	Target Coefficients A (lbf)	Target Coefficients B (lbf/mph)	Target Coefficients C (lbf/mph**2)	Set Coefficients A (lbf)	Set Coefficients B (lbf/mph)	Set Coefficients C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	40.829	0.21956	0.025369	25.284	0.08413	0.025532	15.4
Cold CO	44.912	0.24151	0.027906	21.298	0.01124	0.028196	N/A
US06	40.829	0.21956	0.025369	25.284	0.08413	0.025532	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments T/M MODE IS SPORT

Test #	**LTYX10061147**	**Test Procedure**	**24 - Federal fuel refueling test (ORVR)**
Exhaust Test # for this Evap Test	LTYX10061109	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	08/22/2019	**Fuel**	Gasoline
Fuel Batch ID	1F9-04	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4394	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0027622	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.003	0.000	0.00	0.20	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.003	0.000	0.00	0.20	Pass

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Emission Data Vehicle Information

Vehicle ID / Configuration	23-TL1H / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	PTYXJ02.4P3L	**Original Evaporative/Refueling Family**	PTYXR0165J82
Original Test Vehicle Model Year	2023		

Vehicle Model

Represented Test Vehicle Make	LEXUS	**Represented Test Vehicle Model**	RX 500h AWD

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
2	Combustion Engine	Gasoline

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	No	**Rechargeable Energy Storage System Indicator**	Yes
Rechargeable Energy Storage System	Battery(s)	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	No		
Odometer Correction -- Initial	14	**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**	271
Displacement (liters)	2.393		
Air Aspiration Method	Turbocharged	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	1	**Air Aspiration Device Configuration**	Single
Charge Air Cooler Type	Liquid	**Drive Mode While Testing**	2-Wheel Drive, Front
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	4750	**Equivalent Test Weight (pounds)**	5000
GVWR (lbs)	5995	**N/V Ratio**	28.9
Axle Ratio	3.74		
Transmission Type	Automatic	**# of Transmission Gears**	6
Transmission Lockup	Yes	**Creeper Gear**	No

Certification Summary Information Report

Test Group	TTYXV02.5H3A	Evaporative/Refueling Family	TTYXR0165J42

Dynamometer Coefficients:

Coefficient Category	Target Coefficients A (lbf)	Target Coefficients B (lbf/mph)	Target Coefficients C (lbf/mph**2)	Set Coefficients A (lbf)	Set Coefficients B (lbf/mph)	Set Coefficients C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	34.157	0.62236	0.02005	15.296	0.59776	0.018537	15.4
Cold CO	37.573	0.6846	0.022055	10.22	0.58072	0.020399	N/A
US06	34.157	0.62236	0.02005	15.296	0.59776	0.018537	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments Drive mode is SPORT.

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**PTYX10075330**	**Test Procedure**	**23 - 2-day evap**
Exhaust Test # for this Evap Test	PTYX10075191	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	04/21/2022	**Fuel**	Gasoline
Fuel Batch ID	2M1-02	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4101	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	0	--
FE BAG 1 (Bag 1 Fuel Economy)	999	999
CO2 BAG 2 (Bag 2 Carbon Dioxide)	0	--
FE BAG 2 (Bag 2 Fuel Economy)	999	999
CO2 BAG 3 (Bag 3 Carbon Dioxide)	0	--
FE BAG 3 (Bag 3 Fuel Economy)	999	999
MFR FE (Manufacturer Fuel Economy)	999	999
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.134	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments HSL=0.0292, 1ST DBL=0.1048, 2ND DBL=0.0639, 1ST DBL IS ADDED KEY OFF MONITOR LOSS(0.0002GRAM)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.1340	0.0000	0.134	0.300	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.1340	0.0000	0.134	0.300	Pass

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**PTYX10075331**	**Test Procedure**	**34 - Federal fuel 3-day evap**
Exhaust Test # for this Evap Test	PTYX10075192	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	04/14/2022	**Fuel**	Gasoline
Fuel Batch ID	2M1-02	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4058	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	0	--
FE BAG 1 (Bag 1 Fuel Economy)	999	999
CO2 BAG 2 (Bag 2 Carbon Dioxide)	0	--
FE BAG 2 (Bag 2 Fuel Economy)	999	999
CO2 BAG 3 (Bag 3 Carbon Dioxide)	0	--
FE BAG 3 (Bag 3 Fuel Economy)	999	999
MFR FE (Manufacturer Fuel Economy)	999	999
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.1549	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments HSL=0.0433, 1ST DBL=0.1116, 2ND DBL=0.0695, 3RD DBL=0.0589, 1ST DBL IS ADDED KEY OFF MONITOR LOSS(0.0002GRAM)

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.1549	0.0000	0.155	0.300	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.1549	0.0000	0.155	0.300	Pass

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**PTYX10075332**	**Test Procedure**	**32 - Federal Fuel Running Loss**
Exhaust Test # for this Evap Test	PTYX10075192	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	04/14/2022	**Fuel**	Gasoline
Fuel Batch ID	2F1A11	**Fuel Calibration Number**	2
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4058	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	0	--
FE BAG 1 (Bag 1 Fuel Economy)	999	999
CO2 BAG 2 (Bag 2 Carbon Dioxide)	0	--
FE BAG 2 (Bag 2 Fuel Economy)	999	999
CO2 BAG 3 (Bag 3 Carbon Dioxide)	0	--
FE BAG 3 (Bag 3 Fuel Economy)	999	999
MFR FE (Manufacturer Fuel Economy)	999	999
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0066652	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.007	0.000	0.01	0.05	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.007	0.000	0.01	0.01	Pass

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Emission Data Vehicle Information

Vehicle ID / Configuration	26-AH1H / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	TTYXV02.5H3A	**Original Evaporative/Refueling Family**	TTYXR0165J42
Original Test Vehicle Model Year	2026		

Vehicle Model

Represented Test Vehicle Make	LEXUS	**Represented Test Vehicle Model**	ES 350h AWD

Leak Family Details

Leak Family Identifier	--	**Leak Family Name**	--

Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline
2	Electric Motor	Electricity

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	No	**Rechargeable Energy Storage System Indicator**	Yes
Rechargeable Energy Storage System	Battery(s)	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	No		
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**	186
Displacement (liters)	2.487		
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 eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	4170	**Equivalent Test Weight (pounds)**	4500
GVWR (lbs)	--	**N/V Ratio**	20.6
Axle Ratio	3.44		
Transmission Type	Continuously Variable	**# of Transmission Gears**	1
Transmission Lockup	No	**Creeper Gear**	No

Certification Summary Information Report

Test Group	TTYXV02.5H3A	Evaporative/Refueling Family	TTYXR0165J42

Dynamometer Coefficients:

Coefficient Category	Target Coefficients A (lbf)	Target Coefficients B (lbf/mph)	Target Coefficients C (lbf/mph**2)	Set Coefficients A (lbf)	Set Coefficients B (lbf/mph)	Set Coefficients C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	32.086	-0.0675	0.020777	15.754	-0.15401	0.020015	10.8
Cold CO	35.295	-0.07424	0.022855	15.009	-0.20923	0.022806	N/A
US06	32.086	-0.0675	0.020777	15.754	-0.15401	0.020015	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments DRIVE MODE IS SPORT

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**TTYX10093234**	**Test Procedure**	**21 - Federal fuel 2-day exhaust (w/can load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/14/2026	**Fuel**	Gasoline
Fuel Batch ID	2D5-02	**Fuel Calibration Number**	3
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4200	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	TTYXV02.5H3A	Evaporative/Refueling Family	TTYXR0165J42

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	200.2040844	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.3017907	--
FE BAG 1 (Bag 1 Fuel Economy)	999	999
CH4 BAG 1 (Bag 1 Methane)	0.005143	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0418624	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	93.415045	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0128304	--
FE BAG 2 (Bag 2 Fuel Economy)	999	999
CH4 BAG 2 (Bag 2 Methane)	0.0023395	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0002347	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	185.6846726	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0314595	--
FE BAG 3 (Bag 3 Fuel Economy)	999	999
CH4 BAG 3 (Bag 3 Methane)	0.0051156	--
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0026415	--
CO2 BAG 4 (Bag 4 Carbon Dioxide)	90.4787307	--
CO BAG 4 (Bag 4 Carbon Monoxide)	0.0179442	--
FE BAG 4 (Bag 4 Fuel Economy)	999	999
CH4 BAG 4 (Bag 4 Methane)	0.0027181	--
NMOG BAG 4 (Bag 4 Non-methane organic gases)	0.0000713	--
METHANE (CH4 - Methane)	0.003795	--
CO (Carbon Monoxide)	0.07935	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.68	--
DT-EER (Drive Trace Energy Economy Rating)	0.21	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.16	--
MFR FE (Manufacturer Fuel Economy)	999	999
NOX (Nitrogen Oxide)	0.0014119	--
N2O (Nitrous Oxide)	0.0003276	--
HC-NM (Non-methane Hydrocarbon)	0.0086182	--
NMOG (Non-methane organic gases)	0.0094904	--
PM (Particulate Matter)	0.0000416	--
HC-TOTAL (Total Hydrocarbon)	0.0122098	--

Certification Summary Information Report

Test Group TTYXV02.5H3A **Evaporative/Refueling Family** TTYXR0165J42

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	140

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	140.0305161	--

Manufacturer Test Comments Bag1:NMOG = HC-NM x 1.1036 Bag2,Bag4:NMOG = HC-NM x 1.1235 Bag3:NMOG = HC-NM x 1.0505

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 30	CO	0.08	--	--	--	0.15	--	0.2	1.0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	CO-COMP	0.22	--	--	--	0.15	--	0.2	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	CREE	140	--	--	--	0.157	--	140	--	--
Fed	150,000 miles	Federal Tier 3 Bin 30	METHANE	0.0038	--	--	--	0.0027	--	0.006	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	N2O	0.0003	--	--	--	0.0003	--	0.001	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0095	1	1.10	--	0.0048	--	0.014	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX	0.0109	1	1.10	--	--	--	0.016	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX-COMP	0.0140	1	1.03	--	0.0052	--	0.014	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0014	--	--	--	0.0004	--	0.002	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	PM	0.0000	--	--	--	0.0000	--	0.000	0.003	Pass
CA	150,000 miles	California LEV-IV SULEV30	CO	0.08	--	--	--	0.15	--	0.2	1.0	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0095	1	1.10	--	0.0048	--	0.014	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0109	1	1.10	--	--	--	0.016	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0014	--	--	--	0.0004	--	0.002	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	PM	0.0000	--	--	--	0.0000	--	0.000	0.001	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**TTYX10093238**	**Test Procedure**	**11 - Cold CO**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	01/22/2026	**Fuel**	Gasoline
Fuel Batch ID	2M3A01	**Fuel Calibration Number**	21
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4317	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	TTYXV02.5H3A	Evaporative/Refueling Family	TTYXR0165J42

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	330.3230796	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.1837403	--
FE BAG 1 (Bag 1 Fuel Economy)	999	999
CH4 BAG 1 (Bag 1 Methane)	0.0272273	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.1698543	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	126.3456035	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0161467	--
FE BAG 2 (Bag 2 Fuel Economy)	999	999
CH4 BAG 2 (Bag 2 Methane)	0.0014826	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0011657	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	196.9393046	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.092753	--
FE BAG 3 (Bag 3 Fuel Economy)	999	999
CH4 BAG 3 (Bag 3 Methane)	0.0020444	--
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0021237	--
CO2 BAG 4 (Bag 4 Carbon Dioxide)	113.2587589	--
CO BAG 4 (Bag 4 Carbon Monoxide)	0.1005081	--
CH4 BAG 4 (Bag 4 Methane)	0.0020175	--
NMOG BAG 4 (Bag 4 Non-methane organic gases)	0.0061102	--
METHANE (CH4 - Methane)	0.0071301	--
CO (Carbon Monoxide)	0.3040677	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.41	--
DT-EER (Drive Trace Energy Economy Rating)	-0.1	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.58	--
MFR FE (Manufacturer Fuel Economy)	999	999
NOX (Nitrogen Oxide)	0.0233817	--
N2O (Nitrous Oxide)	0.001763	--
HC-NM (Non-methane Hydrocarbon)	0.0342877	--
NMOG (Non-methane organic gases)	0.037847	--
HC-TOTAL (Total Hydrocarbon)	0.0406637	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	184.1457579	--

Manufacturer Test Comments Bag1:NMOG = HC-NM x 1.1036 Bag2,Bag4:NMOG = HC-NM x 1.1235 Bag3:NMOG = HC-NM x 1.0505

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	50,000 miles	Federal Tier 3 Bin 30	CO	0.30	--	--	--	0.05	--	0.4	10.0	Pass
Fed	120,000 miles	Federal Tier 3 Bin 30	HC-NM	0.03	--	--	--	0.00	--	0.0	0.2	Pass
CA	50,000 miles	California LEV-IV SULEV30	CO	0.30	--	--	--	0.05	--	0.4	10.0	Pass

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**TTYX10093240**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/09/2026	**Fuel**	Gasoline
Fuel Batch ID	2D5-02	**Fuel Calibration Number**	3
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4141	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0008129	--
CO (Carbon Monoxide)	0.0231468	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.96	--
DT-EER (Drive Trace Energy Economy Rating)	0.2	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.16	--
MFR FE (Manufacturer Fuel Economy)	999	999
NOX (Nitrogen Oxide)	0.0007157	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.0007504	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	138

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	138.18271	--

Manufacturer Test Comments NMOG = HC-NM x 1.03

Certification Summary Information Report

Test Group TTYXV02.5H3A **Evaporative/Refueling Family** TTYXR0165J42

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 30	CREE	138	--	--	--	0.157	--	138	--	--
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0000	1	1.03	--	0.0048	--	0.005	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX	0.0007	1	1.03	--	--	--	0.006	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0007	--	--	--	0.0004	--	0.001	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0000	1	1.03	--	0.0048	--	0.005	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0007	1	1.03	--	--	--	0.006	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0007	--	--	--	0.0004	--	0.001	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**TTYX10093236**	**Test Procedure**	**90 - US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/09/2026	**Fuel**	Gasoline
Fuel Batch ID	2D5-02	**Fuel Calibration Number**	3
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4162	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	270.7111081	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.0722292	--
FE BAG 1 (Bag 1 Fuel Economy)	999	999
CH4 BAG 1 (Bag 1 Methane)	0.0018069	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0017028	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	176.5393089	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0551916	--
FE BAG 2 (Bag 2 Fuel Economy)	999	999
CH4 BAG 2 (Bag 2 Methane)	0.0013014	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0015326	--
METHANE (CH4 - Methane)	0.0014134	--
CO (Carbon Monoxide)	0.058967	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.04	--
DT-EER (Drive Trace Energy Economy Rating)	-0.27	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.2	--
MFR FE (Manufacturer Fuel Economy)	999	999
NOX (Nitrogen Oxide)	0.0113678	--
N2O (Nitrous Oxide)	0.0001847	--
HC-NM (Non-methane Hydrocarbon)	0.0015246	--
NMOG (Non-methane organic gases)	0.0015703	--
PM (Particulate Matter)	0.0001477	--
HC-TOTAL (Total Hydrocarbon)	0.0028622	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	197.4074115	--

Manufacturer Test Comments NMOG = HC-NM x 1.0300

Certification Summary Information Report

Test Group TTYXV02.5H3A **Evaporative/Refueling Family** TTYXR0165J42

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 30	PM	0.0001	--	--	--	0.0000	--	0.000	0.006	Pass
CA	150,000 miles	California LEV-IV SULEV30	CO	0.06	--	--	--	0.15	--	0.2	9.6	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0016	1	1.03	--	0.0048	--	0.006	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0130	1	1.03	--	--	--	0.018	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0114	--	--	--	0.0004	--	0.012	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	PM	0.0001	--	--	--	0.0000	--	0.000	0.006	Pass

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Test #	**TTYX10093237**	**Test Procedure**	**95 - SC03**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/18/2025	**Fuel**	Gasoline
Fuel Batch ID	2D5-02	**Fuel Calibration Number**	2
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Toyota Motor Corporation		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4038	**Odometer Units**	M
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0042281	--
CO (Carbon Monoxide)	0.06441	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.44	--
DT-EER (Drive Trace Energy Economy Rating)	0.04	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.7	--
MFR FE (Manufacturer Fuel Economy)	999	999
NOX (Nitrogen Oxide)	0.0009793	--
N2O (Nitrous Oxide)	0.0000541	--
HC-NM (Non-methane Hydrocarbon)	0.0025907	--
NMOG (Non-methane organic gases)	0.0026684	--
HC-TOTAL (Total Hydrocarbon)	0.0065461	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	195.8699586	--

Manufacturer Test Comments NMOG = HC-NM x 1.03

Certification Summary Information Report

Test Group TTYXV02.5H3A **Evaporative/Refueling Family** TTYXR0165J42

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	150,000 miles	California LEV-IV SULEV30	CO	0.06	--	--	--	0.15	--	0.2	1.0	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0027	1	1.03	--	0.0048	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0037	1	1.03	--	--	--	0.009	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0010	--	--	--	0.0004	--	0.001	999.999	Pass

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Fuel Properties

Fuel Batch ID	**2F1A11**	**Fuel Calibration Number**	**2**
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	06/28/2020
Fuel Batch Calibration Effective Date	03/01/2022	**Fuel Batch Calibration Ineffective Date**	03/31/2022
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.735
Fuel Ethanol Volume Percent (%)	0.1	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	17874
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.825	**Weight Fraction CO2**	--

Fuel Batch ID	**2M1-02**	**Fuel Calibration Number**	**1**
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	12/19/2021
Fuel Batch Calibration Effective Date	04/07/2022	**Fuel Batch Calibration Ineffective Date**	04/30/2022
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.737
Fuel Ethanol Volume Percent (%)	9.9	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	17833
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.825	**Weight Fraction CO2**	--

Fuel Batch ID	**2D5-02**	**Fuel Calibration Number**	**3**
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	04/03/2025
Fuel Batch Calibration Effective Date	01/06/2026	**Fuel Batch Calibration Ineffective Date**	01/31/2026
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.74
Fuel Ethanol Volume Percent (%)	9.9	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.528	**Fuel Carbon Mass Fraction (E10)**	0.825
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--

Fuel Batch ID	**2M3A01**	**Fuel Calibration Number**	**21**
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	**Fuel Batch Calibration Date**	12/22/2023
Fuel Batch Calibration Effective Date	01/06/2026	**Fuel Batch Calibration Ineffective Date**	01/31/2026

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	0.825
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.735
Fuel Ethanol Volume Percent (%)	9.6	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.552	**Fuel Carbon Mass Fraction (E10)**	0.825
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--
Fuel Batch ID	**2D5-02**	**Fuel Calibration Number**	**2**
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	04/03/2025
Fuel Batch Calibration Effective Date	12/01/2025	**Fuel Batch Calibration Ineffective Date**	12/31/2025
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.74
Fuel Ethanol Volume Percent (%)	9.9	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.528	**Fuel Carbon Mass Fraction (E10)**	0.825
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--
Fuel Batch ID	**1F9-04**	**Fuel Calibration Number**	**1**
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	06/05/2019
Fuel Batch Calibration Effective Date	07/25/2019	**Fuel Batch Calibration Ineffective Date**	07/31/2019
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.739
Fuel Ethanol Volume Percent (%)	9.9	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	17823
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	**Weight Fraction CO2**	--

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

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 30
Fuel	Gasoline	**Test Procedure**	Cold CO

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.05	10.0
120,000 miles	HC-NM	--	--	--	--	--	--	0.00	0.2

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
Fuel	Gasoline	**Test Procedure**	HWFE

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	--	--	--	--	--	--	0.157	999.999
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0048	999.999
150,000 miles	NMOG+NOX	--	1	1.03	--	--	--	0.0052	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0004	999.999

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
Fuel	Gasoline	**Test Procedure**	Federal fuel 2-day exhaust (w/can load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.15	1.0
150,000 miles	CO-COMP	--	--	--	--	--	--	0.15	4.2
150,000 miles	CREE	--	--	--	--	--	--	0.157	999.999
150,000 miles	HCHO	--	--	--	--	--	--	--	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.0027	0.030
150,000 miles	N2O	--	--	--	--	--	--	0.0003	0.010
150,000 miles	NMOG	--	1	1.10	--	--	--	0.0048	999.999
150,000 miles	NMOG+NOX	--	1	1.10	--	--	--	0.0052	0.030
150,000 miles	NMOG+NOX-COMP	--	1	1.03	--	--	--	0.0052	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0004	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.003

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	Federal fuel 2-day exhaust (w/can load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.15	1.0
150,000 miles	HCHO	--	--	--	--	--	--	--	0.004
150,000 miles	NMOG	--	1	1.10	--	--	--	0.0048	999.999
150,000 miles	NMOG+NOX	--	1	1.10	--	--	--	0.0052	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0004	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.001

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	US06

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	--	--	--	--	--	--	0.15	9.6
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0048	999.999
150,000 miles	NMOG+NOX	--	1	1.03	--	--	--	0.0052	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0004	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	SC03

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	--	--	--	--	--	--	0.15	1.0
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0048	999.999
150,000 miles	NMOG+NOX	--	1	1.03	--	--	--	0.0052	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0004	999.999

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	Cold CO

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.05	10.0

Certification Summary Information Report

Test Group TTYXV02.5H3A **Evaporative/Refueling Family** TTYXR0165J42

Cert Region California + CAA Section 177 states **Cert/In-Use Code** Cert
Vehicle Class LDV/Passenger Car **Standard Level** California LEV-IV SULEV30
Fuel Gasoline **Test Procedure** CA fuel 50 Deg(F) exhaust test

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
4,000 miles	CO	--	--	--	--	--	--	--	1.0
4,000 miles	HCHO	--	--	--	--	--	--	--	0.008
4,000 miles	NMOG	--	1	1.10	--	--	--	--	999.999
4,000 miles	NMOG+NOX	--	1	1.10	--	--	1	--	0.040
4,000 miles	NOX	--	--	--	--	--	--	--	999.999

Cert Region California + CAA Section 177 states **Cert/In-Use Code** Cert
Vehicle Class LDV/Passenger Car **Standard Level** California LEV-IV SULEV30
Fuel Gasoline **Test Procedure** HWFE

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	NMOG	--	1	1.03	--	--	--	0.0048	999.999
150,000 miles	NMOG+NOX	--	1	1.03	--	--	--	0.0052	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0004	999.999

Cert Region Federal **Cert/In-Use Code** Cert
Vehicle Class LDV/Passenger Car **Standard Level** Federal Tier 3 Bin 30
Fuel Gasoline **Test Procedure** US06

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	PM	--	--	--	--	--	--	0.0000	0.006

Evaporative/Refueling Standards

Evaporative/Refueling Family TTYXR0165J42 **Cert Region** Federal
Cert/In-Use Code Cert **Standard Level** Federal Tier 3 Evap
Test Procedure 2-day evap

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	Federal
Cert/In-Use Code	Cert	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Spitback		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	4,000 miles	SPITBACK	--	1.0	--

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	Federal
Cert/In-Use Code	Cert	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Federal fuel 3-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	Federal
Cert/In-Use Code	Cert	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Federal Fuel Running Loss		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Federal Fuel Running Loss		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.01	0.000

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	2-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Federal fuel 3-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Federal fuel refueling test (ORVR)		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.000

Evaporative/Refueling Family	TTYXR0165J42	**Cert Region**	Federal
Cert/In-Use Code	Cert	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Federal fuel refueling test (ORVR)		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.000

Certification Summary Information Report

Test Group	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42

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	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
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	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
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	TTYXV02.5H3A	**Evaporative/Refueling Family**	TTYXR0165J42
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

1. Litmus test result

Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	City Litmus Value	City Litmus Threshold	Highway Litmus Value	Highway Litmus Threshold
Gasoline	TTYX10093234	TTYX10093236	TTYX10093237	TTYX10093238	TTYX10093240	47.4	43.6	42.6	40.7

2. Interim/In-Use Standard

	Federal	California
FTP	Not applicable	PM
FTP(QDA)	-	Not applicable
SFTP(Composite)	Not applicable	-
SFTP(US06)	-	NMOG+NOx

8. Emission testing waiver statements

Please refer to the FOI common file for the following test waiver statements:

- High Altitude Exhaust Emissions
- High Altitude Evap/Refueling Emissions
- 91 RON fuel testing
- Formaldehyde (HCHO)
- Spitback
- Tier 3/LEV IV Evaporative Leak Standard
- LEV IV Partial Soak

9. OBD System Description

Please refer to OBD documents.

Toyota states that the OBD application meets the requirements of 40 CFR 86.1806-17 and 86.1844-01(d)(9) and is considered part of the Part 1 certification application.

10. Description of Alternate-fueled Vehicles

Please refer to the FOI common file.

11. AECD Descriptions

11.1 AECD and EI-AECD Descriptions

Confidential information

11.2 SFTP / Lean Best Torque (LBT) Air fuel Ratio Information

Please refer to the CBI common file.

12. Description of Vehicles Covered by Certificate and Test Parameters

12.1 Vehicle parameters

Durability Group : TTYXHHGNNB2A
Test Group : TTYXV02.5H3A
Evap./Refueling Family : TTYXR0165J42
Emission Control System : DFI+SFI,EGR,EGRC,WR-HO2S(2),TWC(2)

Carline	Model name	Model code	Engine Code	Valves /cyl	Engine Disp. (L)	Sales Area	Transmission *2/ Overdrive	SIL	Tire*1	N/V	ETW (lb.)	Fuel tank vol. (L)	Rated HP
ES 350h	LEXUS ES 350h PREMIUM / LEXUS ES 350h PREMIUM+	AXZH21L-AEXGBA	02	4	2.487	50	PE10-B (S6-3 SS) / N/A	N/A	235/55R19 AS	20.1	4500	55	186@6000
			02	4	2.487	50	PE10-B (S6-3 SS) / N/A	N/A	235/55R19 SM	20.1	4500	55	186@6000
ES 350h AWD	LEXUS ES 350h PREMIUM AWD / LEXUS ES 350h PREMIUM+ AWD	AXZH26L-AEXGBA	01	4	2.487	50	PE10-C (S6-3 SS) / N/A	N/A	235/55R19 AS	20.6	4500	55	186@6000
			01	4	2.487	50	PE10-C (S6-3 SS) / N/A	N/A	235/55R19 SM	20.6	4500	55	186@6000

Note*1: AS: All-season tire
*2: The number after "-" indicates the number of transmission mode

12.2 Test Parameters
Please refer to the FOI common file.

13. Projected Sales and Compliance Plans

Please refer to the CBI common file.

14. Request for Certificate

Test group : TTYXV02.5H3A
Evap/refueling family : TTYXR0165J42

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:

		low-altitude	high altitude	Bin No
Federal:	Interim Tier3			
	Tier3	X	X	30

California:

	FTP	PS*1	QDA*2	US06		SC03
					Interim	
ULEV125						
ULEV70						
ULEV60						
ULEV50						
ULEV40						
SULEV30	LEVIV	LEV IV		LEV IV		LEVIV
SULEV25						
SULEV20						
SULEV15						

*1: Partial Soak
*2: Quick Drive-Away

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 D. Webber

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

15 Other Information

15.1 Fee filing form

EPA_MVECP_v1

Invoice No.:EPA2026MY009

US EPA Fee Form

Help and EPA Instructions

* Required Field

Tracking Information

Pay.gov Tracking ID: 27TP1DPK

Agency Tracking ID: 77235027180

General Information

Date: 12/09/2025

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 *
2025

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2025, through December 31, 2025. The applicable fee is determined by the calendar year in which the complete certification application is received, not the model year.

Amount Owed
$32,939.00

Payment Type *
Offline ACH

Comments

Engine Family / Evaporative Family / Test Group *
TTYXV02.5H3A

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? *

Payment Information

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).

16 Confidential Information

Please refer to the CBI common file.

17. California ARB Information

17.1 Statement of Compliance

17.2 High-Altitude Test Requirements

17.3 Compliance with fuel fill pipe specifications

17.4 Compliance with the location requirement of the vent tube opening in the fill pipe

17.5 Supplemental information and data for compliance with the enhanced evaporative requirements for California

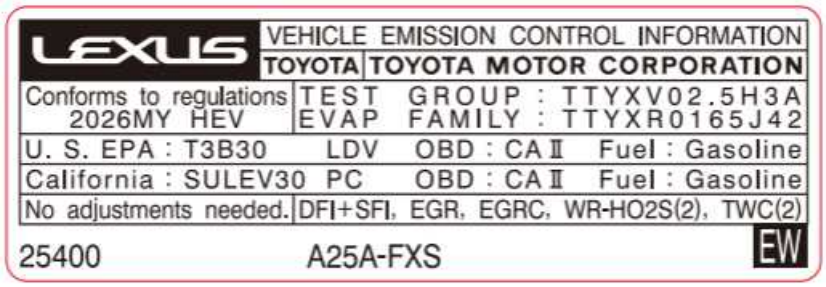
17.6 New unique or changed emission control technology

17.7 Service literature

Please refer to the FOI common file.

In addition to the Statement of Compliance in the FOI Common file above, pursuant to 13 CCR §1961.4(d)(4), Toyota states that the vehicles meet the SC03 NMOG+NOx and CO exhaust emissions for vehicles tested using the SC03 test procedures incorporated in the "California 2026 and Subsequent Model Year Criteria Pollutant Exhaust Emission Standards and Test Procedures for Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

17.8.1 Emission Control Information Labels



17.8.2 Battery labels

17.9 Service Information Availability

17.10 Identification of AB71-Qualified Vehicles (Mail-Out #MSO-2000-04)

Please refer to the FOI common file.

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

Manufacturer: TOYOTA Exh Test Group: TTYXV02.5H3A Evap Fam: TTYXR0165J42
All Eng Codes in Eng Fam: CA __ 49S __ 50S x AB965 __ , ORVR: YES x NO __
Exh Std: CA LEVIV: ULEV125 __ ULEV70 __ ULEV60 __ ULEV50 __ ULEV40 __
SULEV30 x SULEV25 __ SULEV20 __ SULEV15 __
Evap Std: LEVIII (Option 1) __ LEVIII (Option 2) __ LEVIV x
Veh Class(es): PC x LDT1 __ LDT2 __ MDV1 __ MDV2 __ MDV3 __ MDV4 __ MDV5 __
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
Fuel Type(s): Dedicated x Flex-Fuel __ Dual-Fuel __ Bi-Fuel __ Gasoline x Diesel __
CNG __ LNG __ LPG __ M85 __ Other (specify) _____
Exh Emiss Test Fuel(s): Indo __ CBG x CNG __ LPG __ M85 __ Other (specify) _____
Diesel: 13 CCR 2282 __ 40 CFR 86.113-90 __ 40 CFR 86.113-94 __
Evaporative Emission Test Procedure: California __ Federal x
Service Accum: Std AMA __ Mod AMA __ Mfr ADP x Other (specify) _____
NMOG Test Procedure: N/A __ Std __ Equiv x R/L Test Proc: SHED x Pt Source __
Engine Configuration: I4 Displacement: 2.5 Liters 151.8 Cubic Inches
Valves per Cylinder: 4 Rated HP1: 186@6000 RPM
Engine: Front x Mid __ Rear __ Drive: FWD x*1 RWD __ 4WD-FT __ 4WD-PT x*2
Exhaust ECS (e.g., MFI, EGR, TC, CAC): DFI+SFI,EGR,EGRC,WR-HO2S(2),TWC(2)
(use abbreviations per SAE J1930 JUN93)

*1: ES 350h
*2: ES 350h AWD

Engine Code (also list CA/49S/ 50ST	Vehicle Models (if coded see attachment)	Trans. (M5, A4, etc.)*	ETW or Test Wt	DPA or RLHP
02	AXZH21L-AEXGBA	S6-3 SS	4500	10.1/10.3
01	AXZH26L-AEXGBA	S6-3 SS	4500	10.6/10.8

Comments :Please refer to manufacturer's HP list for correct dyno test HP setting based on model and equipment.
Note *: The number after "-" indicates the number of transmission mode.

VEHICLE MODELS:

ES 350h	ES 350h AWD
AXZH21L-AEXGBA	AXZH26L-AEXGBA

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Exh Test Group: TTYXV02.5H3A Evap Fam: TTYXR0165J42
All Eng Codes in Eng Fam: CA __ 49S __ 50S x AB965 __ , ORVR: YES x NO __
Exh Std: CA LEVIV: ULEV125 __ ULEV70 __ ULEV60 __ ULEV50 __ ULEV40 __
SULEV30 x SULEV25 __ SULEV20 __ SULEV15 __
Evap Std: LEVIII (Option 1) __ LEVIII (Option 2) __ LEVIV x
Veh Class(es): PC x LDT1 __ LDT2 __ MDV1 __ MDV2 __ MDV3 __ MDV4 __ MDV5 __
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
Fuel Type(s): Dedicated x Flex-Fuel __ Dual-Fuel __ Bi-Fuel __ Gasoline x Diesel __
CNG __ LNG __ LPG __ M85 __ Other (specify) _____
Exh Emiss Test Fuel(s): Indo __ CBG x CNG __ LPG __ M85 __ Other (specify) _____
Diesel: 13 CCR 2282 __ 40 CFR 86.113-90 __ 40 CFR 86.113-94 __
Evaporative Emission Test Procedure: California __ Federal x
Service Accum: Std AMA __ Mod AMA __ Mfr ADP x Other (specify) _____
NMOG Test Procedure: N/A __ Std __ Equiv x R/L Test Proc: SHED x Pt Source __
Engine Configuration: I4 Displacement: 2.5 Liters 151.8 Cubic Inches
Valves per Cylinder: 4 Rated HP1: 186@6000 RPM
Engine: Front x Mid __ Rear __ Drive: FWD x*1 RWD __ 4WD-FT __ 4WD-PT x*2
Exhaust ECS (e.g., MFI, EGR, TC, CAC): DFI+SFI,EGR,EGRC,WR-HO2S(2),TWC(2)
(use abbreviations per SAE J1930 JUN93)

*1: ES 350h
*2: ES 350h AWD

	Section #			Section #	
1	Authorized Representative	FOI-1.2	22	Gen std, increase in Emiss, Safety, Meets all Reqm	FOI-8
2	Fuel Specifications	-	23	Driveability Statement	FOI-17.1
3	Test Equipment	-	24	Adjustable Parameters	-
4	Test Procedure	-	25	Tamper Resistance Method(s)	-
5	Mileage Accumulation Route	CBI-4	26	Fill Pipe Specifications	FOI-17.3
6	Emission Warranty Statement	Part2 FOI-6.00.01	27	High Altitude Compliance	FOI-17.2
7	Maint: Cert/Req'd/Recm'd	-	28	OBD Sys incl Marked Revisions	CBI-9.1
8	Emiss Label/Vac Hose Diag	-	29	I & M Test Procedure & Data	-
9	Evap Control System	FOI-3	30	50 Degree F Compliance	-
10	Engine Parameters	5	31	Manufacturer's RAF	-
11	Fuel System	-	32	Phase-In Plans	CBI-17
12	Ignition System	-	33	NMOG+NOx Fleet Average Calculation	CBI-17.13
13	Exhaust Control System	FOI-5			
14	Proj Sales(LDT/MDV Split)	CBI-17.1			
15	Vehicle Description	12.1	34	AB965 Credits/Withdrawals	-
16	Evap Bench Test Procedure	-	35	EPA Certificate	to follow
17	R/L Temp & Press Profiles	FOI-4.3	36	Equiv NMOG Proc-ARB Approval	NMOG/NMHC= FTP=1.10, SFTP&HWY=1.03
18	EDV Selection	-			
19	Prod Veh same as Test Veh	FOI-17.1			
20	Emission Label Durability	-			

21 Test Vehicle Information	Durability Data	Durability Vehicle	Emission Data	Emission Vehicle	Emission Data	Emission Vehicle	Emission Data	Emission Vehicle
C/O or C/A MY ID		26D-AH1H		26-AH1H	C/O	23-TL1H	C/O	20-AU1H
Vehicle Log Page(s)	-		6		6		6	
Zero Mile Book Page(s)	-		7		7		7	
Maint Logs & Engr Eval	-		-		-		-	

Continued on next page

2026 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Projected Emissions/ Evaporative

Manufacturer: TOYOTA
Exhaust Test Group: TTYXV02.5H3A
Evaporative Family: TTYXR0165J42

Detailed information for certification is also submitted by E-Cert.

Attestation of compliance with California Inspection and Maintenance emission standards

Toyota states that the models in this test group comply with the California Inspection and Maintenance emission requirements base on our good engineering evaluation.

17.12 Test group and Evaporative family sales for California

17.13 California Phase-in Compliance

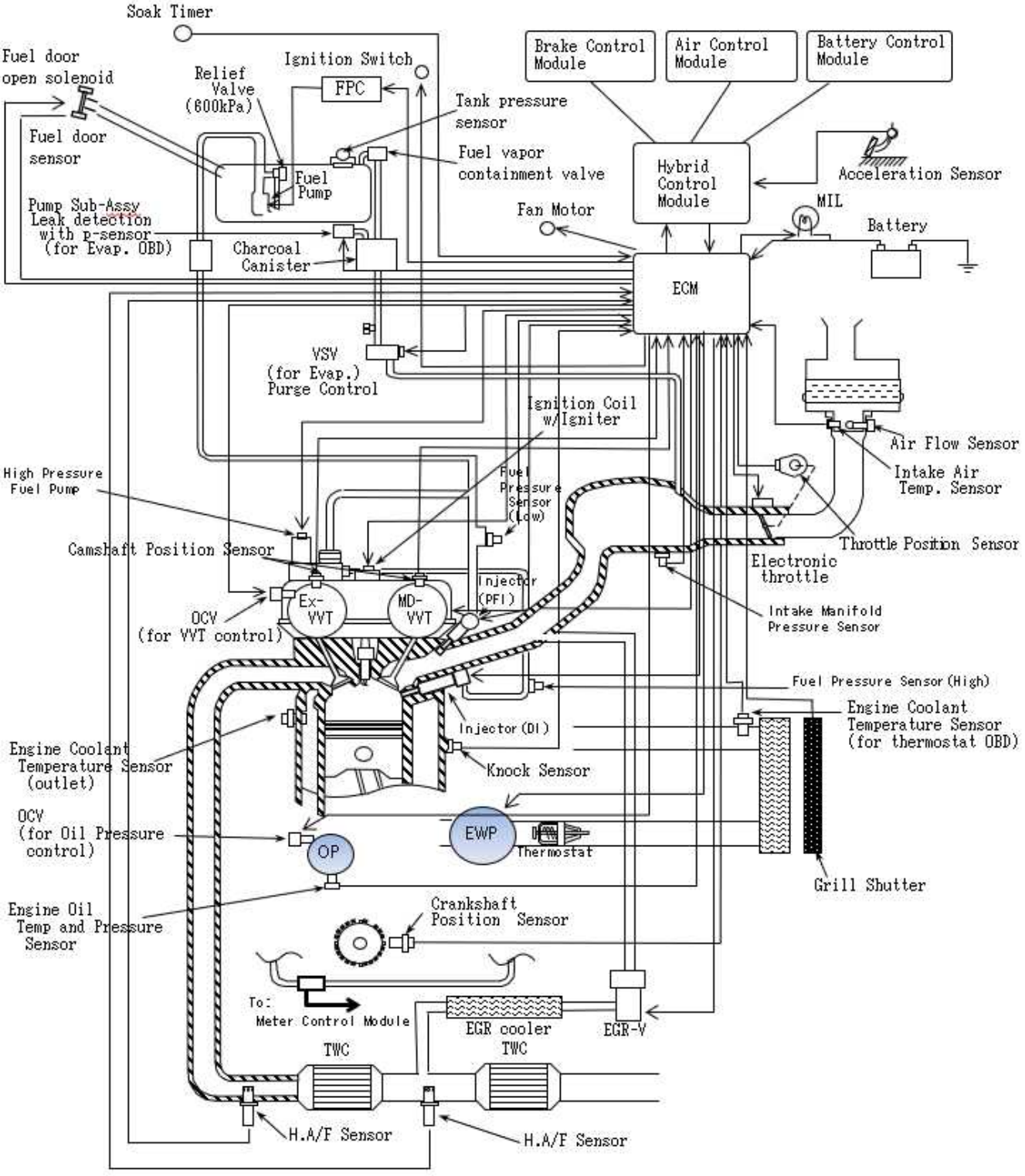
17.14 Compliance with OBD-II Phase-in Requirements

17.15 Hybrid Electric Vehicle information (if applicable)

17.16 Warranty information (draft)

Please refer to the CBI common file.

17.17 Engine Control System Schematic



18. Information on Service of Process

Please refer to Section 1 of the FOI common file.