State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-284-B
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Toyota Motor Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TTY3.42JG1GK Displacement: 3.4 Liters (206.1 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Sequential Multiport Fuel Injection
Heated Oxygen Sensors (two)
Three Way Catalytic Converter

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.12	1.4	0.2	5.2
	100,000	0.14	1.7	0.32	n/a

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed models also comply with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 24th day of July 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

SUPERSEDED

E.O.# A-14-284-B
Page 1 of 1

1996 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Exh Eng Fam: TTY3.42JG1GK Evap Fam: TTY1095AYME0
All Eng Codes in Eng Fam: CA x 49S ___ 50S ___ AB965 ___
Exh Std: CA Tier-1 x TLEV ___ LEV ___ ULEV ___ ZEV ___; US EPA Tier-1 ___
Evap std: 50K ___ Useful Life with R/L x In-Use Exh Std: Full In Use x Alt In Use ___
Veh Class(es): PC ___ LDT1 ___ LDT2 x 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) ___
Emiss Test Fuel(s): Indo x Ph2 ___ CNG ___ LPG ___ M85 ___ Other(specify) ___
Diesel: 13CCR 2282 ___ 40 CFR 86.113-90 ___ 40 CFR 86.113-94 ___
Service Accum: Std AMA X Mod AMA ___ Mfr ADP ___ Other(specify) ___
NMOG Test Procedure: N/A x Std ___ Equiv ___ R/L Test Proc: SHED x Pt Source ___
Hybrid: Type A ___ B ___ C ___, APU Cycle(e.g., Otto, Diesel, Turbine): ___
Engine Configuration: V-6 Displacement: 3.4 / Liters 206.1 / Cubic Inches
Valves per Cylinder: 4 Rated HP: 190 @ 4,800 RPM
Engine: Front x Mid ___ Rear ___ Drive: FWD ___ RWD ___ 4WD-FT ___ 4WD-PT x
Exhaust ECS(e.g., MFI, EGR, TC, CAC): SFI, HO2S(2), TWC
(use abbreviations per SAE J1930 SEP91)

Engine Code/ (also list CA/ 49S/ 50ST)	Vehicle Models (if coded see attachmt)	Trans. (M5, A4 etc.)	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic converter part No.
5	VZN170L-CRMDKAB VZN170L-CRMGKAB	M5	3875	14.5, 14.9	89661-04220	N/A	S99
6	VZN170L-CRMDKAB VZN170L-CRMGKAB			15.9, 16.3			
7	VZN170L-CRPDKAB VZN170L-CRPGKAB	L4		14.5, 14.9	89661-04230		
8	VZN170L-CRPDKAB VZN170L-CRPGKAB			15.9, 16.3			

Comments : Please refer to manufacturer's HP list for correct dyno test HP setting based on model and equipment.

VEHICLE MODELS:

TOYOTA TACOMA 4WD
VZN170L-CRMDKAB
-CRMGKAB
-CRPDKAB
-CRPGKAB

SUPERSEDED

E.O.# A-14-284-B
Page 1 of 2

1996 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

2.0

Manufacturer: TOYOTA Exh Eng Fam: TTY3.42JG1GK Evap Fam: TTY1095AYME0
All Eng Codes in Eng Fam: CA x 49S ___ 50S ___ AB965 ___
Exh Std: CA Tier-1 x TLEV ___ LEV ___ ULEV ___ ZEV ___; US EPA Tier-1 ___
Evap std: 50K ___ Useful Life with R/L x In-Use Exh Std: Full In Use x Alt In Use ___
Veh Class(es): PC ___ LDT1 ___ LDT2 x 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) ___
Emiss Test Fuel(s): Indo x Ph2 ___ CNG ___ LPG ___ M85 ___ Other(specify) ___
Diesel: 13CCR 2282 ___ 40 CFR 86.113-90 ___ 40 CFR 86.113-94 ___
Service Accum: Std AMA X Mod AMA ___ Mfr ADP ___ Other(specify) ___
NMOG Test Procedure: N/A x Std ___ Equiv ___ R/L Test Proc: SHED x Pt Source ___
Hybrid: Type A ___ B ___ C ___, APU Cycle(e.g., Otto, Diesel, Turbine): ___
Engine Configuration: V-6 Displacement: 3.4 / ___ Liters 206.1 / ___ Cubic Inches
Valves per Cylinder: 4 Rated HP: 190 @ 4,800 RPM
Engine: Front x Mid ___ Rear ___ Drive: FWD ___ RWD ___ 4WD-FT ___ 4WD-PT x
Exhaust ECS(e.g., MFI, EGR, TC, CAC): SFI, HO2S(2), TWC
(use abbreviations per SAE J1930 SEP91)

		Sect/Page#			Sect/Page#
1	Authorized Representative	01.02.00	21	Gen Std, increase in Emiss, Safety, Meets all Reqmts	20.03.05
2	Fuel Specifications	03.00.00	22	Emission Label Durability	07.00.00
3	Test Equipment	04.00.00	23	Driveability Statement	17.01.02
4	Test Procedure	05.00.00	24	Adjustable Parameters	08.16.01.00
5	Mileage Accumulation Route	02.04.00	25	Tamper Resistance Method(s)	08.16.02.00
6	Emission Warranty Statement	17.10.00	26	Fill Pipe Specifications	17.04.00
7	Maint: Cert/Req'd/Recm'd	06.00.00	27	High Altitude Compliance	17.02.00
8	Emiss Label/Vac Hose Diag	07.00.00	28	OBD Sys incl Marked Revisions	02.06.00
9	Evap Control System	19.00.00	29	I&M Test Procedure & Data	17.11.00
10	Engine Parameters	20.01.00	30	50 Degree F Compliance	N/A
11	Fuel System	08.01.00.00	31	Manufacturer's RAF	N/A
12	Iginition System	08.01.00.00	32	Phase-In Plans: Exh Cert Stds	N/A
13	Exhaust Control System	20.02.00		Exh In-Use Stds	17.18.00
14	Proj Sales(LDT/MDV Split)	17.13.00		Evap Cert Stds	17.19.00
15	Vehicle Description	20.02.08	33	NMOG Fleet Average Calculation	17.15.00
16	Evap Bench Test Procedure	13.02.02	34	AB965 Credits/Withdrawals	N/A
17	R/L Temp & Press Profiles	19.05.03&12.01.03	35	EPA Certificate	after EO
18	EDV Selection	02.03.02	36	Equiv NMOG Proc--ARB Approval	N/A
19	Prod Veh same as Test Veh	17.01.01			

20 Test Vehicle Information	Durability Data Vehicle	Emission Data Vehicle	Emission Data Vehicle	Emission Data Vehicle
C/O or C/A MY & ID	C/O 95-DT2	C/O 95-VZN9	C/O 95-VCK5	___ ___
Vehicle Log Page(s)	20.03.04	20.03.04	20.03.04	___
Zero Mile Book Page(s)	17.12.01(95MY)	20.03.06	20.03.06	___
Maint Logs & Engr Eval	17.12.02(95MY)	17.02.02(95MY)	17.02.02(95MY)	___

Continued on next page

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E.O.# A-14-284-B
Page 1 of 2

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Veh Class(es): PC ___ LDT1 ___ LDT2 x 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) ___
Emiss Test Fuel(s): Indo x Ph2 ___ CNG ___ LPG ___ M85 ___ Other(specify) ___
Diesel: 13CCR 2282 ___ 40 CFR 86.113-90 ___ 40 CFR 86.113-94 ___
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NMOG Test Procedure: N/A x Std ___ Equiv ___ R/L Test Proc: SHED x Pt Source ___
Hybrid: Type A ___ B ___ C ___, APU Cycle(e.g., Otto, Diesel, Turbine): ___
Engine Configuration: V-6 Displacement: 3.4 / ___ Liters 206.1 / ___ Cubic Inches
Valves per Cylinder: 4 Rated HP: 190 @ 4,800 RPM
Engine: Front x Mid ___ Rear ___ Drive: FWD ___ RWD ___ 4WD-FT ___ 4WD-PT x
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15	Vehicle Description	20.02.08	33	NMOG Fleet Average Calculation	17.15.00
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18	EDV Selection	02.03.02	36	Equiv NMOG Proc--ARB Approval	N/A
19	Prod Veh same as Test Veh	17.01.01			

20 Test Vehicle Information	Durability Data Vehicle	Emission Data Vehicle	Emission Data Vehicle	Emission Data Vehicle
C/O or C/A MY & ID	C/O 95-DT2	C/O 95-VZN9	C/O 95-VCK5	___ ___
Vehicle Log Page(s)	20.03.04	20.03.04	20.03.04	___
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