State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-226.
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1993 model Toyota Motor Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: PTY2.4T5FCEO Displacement: 2.4 Liters (144.4 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Multiport Fuel Injection
Exhaust Gas Recirculation
Pulsed Secondary Air 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
3751-5750	50,000	0.32	4.4	1.0
	100,000	0.40	5.5	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
3751-5750	50,000	0.20	2.7	0.2
	100,000	0.22	3.3	n/a

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

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" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model year.

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

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 regulations (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 6th day of August, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer TOYOTA Engine family PTY2.4T5FCE0

Passenger Car___(PC) Light-Duty Truck T2(T1/T2) Medium-Duty Vehicle___(M1/M2/M3/M4/M5)

Stds Type: Tier 1 (Tier 0/1,AB965,TLEV,LEV,ULEV) Veh. Type (FFV,HEV(type A/B/C)): N/A

Fuel Type: Gasoline Evaporative Family: EV-E

Engine Config. L-4 Liter (CID) 2.4 (144.4)

Engine: Front x Mid. ___ Rear ___ Drive: FWD ___ RWD ___ 4WD-FT ___ 4WD-PT x

Exhaust ECS & Special Features(incl. CARB, MFI, etc.) MFI, EGR, PAIR, HO2S(2), TWC + TWC
(use abbreviations per SAE 1930 MAY91)

Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP or DPA	Ign. System (ECM/PCM) Part No.	EGR System Part No.	Catalytic converter Part No
1	RN110L-CRMDEA -CRMDEAB*2 -CRLDEA	M5	3750	14.3	89661-35850	25620-35100	18450-35160 (H04) *1
2	RN110L-CRMDEA -CRMDEAB*2 -CRLDEA RN130L-GKLSEA		3750 3875 4000	14.3 14.8			
3	RN110L-CRMDEA -CRMDEAB*2 -CRLDEA		3875	15.7			
4	RN110L-CRMDEA -CRMDEAB*2 -CRLDEA RN130L-GKLSEA		3875 4000	15.7 16.2			
5	RN110L-CRPDEA	A4	3875	14.8	89661-35860	25620-35130	
6	RN110L-CRPDEA		3875	14.8			
7	RN110L-CRPDEA		3875	15.7			
8	RN110L-CRPDEA		3875	15.7			
9	RN130L-GKPSEA		4250	14.8			
10	RN130L-GKPSEA		4250	16.2			

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

VEHICLE MODELS :

Truck 4WD		4-Runner 4WD
RN110L-CRMDEA	RN110L-CRMDEAB *2	RN130L-GKLSEA
-CRLDEA	RN110L-CRPDEA	RN130L-GKPSEA

Note *1 : Parenthetical information represents identifying marks found on production parts.

*2 : After running change 93-TR-8.