State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-255
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 1994 model-year Toyota Motor Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: RTY2.42HGEEK Displacement: 2.4 Liters (148.8 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Multiport Fuel Injection
Exhaust Gas Recirculation
Heated Oxygen Sensors (two)
Three Way Catalytic Converters (two)
Supercharger
Charge Air Cooler
On-Board Diagnostic II

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	0.15	1.3	0.4
	100,000	0.15	1.5	N/A

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed light-duty trucks 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 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 listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" 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 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).

BE IT FURTHER RESOLVED: That the aforementioned vehicle models equipped with a partially complying on-board diagnostic system satisfy 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, pursuant to a waiver being granted under section 1968.1(m)(6.0), provided production of this engine family commences prior to April 1, 1994.

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 5th day of January, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer TOYOTA Engine family RTY2.42HGEEK

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: RTY1095DYM00

Engine Config. I4 Liter (CID) 2.4 (148.8)

Engine: Front x Mid. ___ Rear ___ Drive: FWD ___ RWD x *1 4WD-FT x *2 4WD-PT ___

Exhaust ECS & Special Features(incl. CARB, MFI, etc.) MFI, EGR, HO2S(2), TWC(2), SC, CAC, OPD
(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	TCR10L-RESDVA TCR20L-RESDVA	L4	4,250 4,500	11.8 12.8	*4 89661-28350	25620-76020	18450-76110(C08)*3 18450-76120(C09)*3
2	TCR10L-RESDVA -RFSGVA TCR20L-RESDVA -RFSGVA		4,250 4,500	13.0 14.1	*5 89661-28351		

Super charger Part No.	Charge air cooler Part No.
17620-76010 (SC14)*3	17940-76010 17940-76011

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

Note *1 : Applied to the truck line PREVIA.
*2 : Applied to the truck line PREVIA All-trac.
*3 : Parenthetical information represents identifying marks found on production parts.
*4 : Before field fix 94-TF-1.
*5 : After field fix 94-TF-1.

VEHICLE MODELS :

Previa	Previa All-trac
TCR10L-RESDVA	TCR20L-RESDVA
-RFSGVA	-RFSGVA