State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-213
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 passenger cars:

Fuel Type: Gasoline

Engine Family: PTY2.0V5FBT4 Displacement: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalysts (two)
Heated Oxygen Sensor
Exhaust Gas Recirculation
Multipoint Electronic Fuel Injection
Turbocharger
Charge Air Cooler

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:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.39	7.0	0.7

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.16	1.0	0.4

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the optional NOx standard based on its estimated total sales of 1992 model California-certified passenger cars and limited by its total actual sales of 1992 model California-certified passenger cars.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

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 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 4th day of February, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

17.11.00 Supplemental data sheets

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1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer TOYOTA Engine family PTY2.0V5FBT4

Passenger Cars x Light-Duty Trucks ___ Medium-Duty Vehicles ___ Fuel Type Gasoline

Engine Config. L-4 Liter (CID) 2.0 (121.9) Evap.Family EV-E

Emission Control System & Special Features MPI + EGR + HO2S + TWC (2) + TC + CAC
(Use abbreviation per SAE J1930 Jun88)

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

Certification std. : 0.7 NOx

Engine Code/ (Cert. std.)	Vehicle Models (If Coded see attachment)	Trans. Type: A-Auto M-Man.	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic converter Part No.
1	SW20L-ACMZZA -AJMZZA	M5	3250	5.7	89661-17390	25620-74220	Rear : 18450-74260(02)*3 Front : 25508-74110(S25)*3
2	SW20L-ACMZZA -AJMZZA						
3	SW20L-ACMZZA -AJMZZA			6.3			
4	SW20L-ACMZZA -AJMZZA						
5	ST185L-BLMVZA		3625	8.8	89661-2B290		
6							

Engine Code	Air aspiration system Part No.
1 thru 4	Turbocharger : 17201-74060 (74060)*3
1 thru 4	Charge air cooler : 17940-74040 (74040)*3
5 & 6	Turbocharger : 17201-74040 (74040)*3
	Charge air cooler : 17940-74030 (74030)*3

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

Note *1 : Applied to the car line Celica

*2 : Applied to the car line MR2

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

VEHICLE MODELS :

MR2	Celica
SW20L-ACMZZA	ST185L-BLMVZA
SW20L-AJMZZA	