EO A-14

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-197
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 1992 model Toyota Motor Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NTY2.0V5FBT2 Displacement: 2.0 Liters (122 Cu. In.)

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
0.39	7.0	0.7

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
0.19	1.0	0.3

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 latest estimated total sales of 1991 model California-certified passenger cars and limited by its total actual sales of 1991 model California-certified passenger cars.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "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 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 requirements of 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 12th day of August, 1991.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-14-197

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page _____

Manufacturer TOYOTA Engine family NTY2.0V5FBT2

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 *2 Mid. x *3 Rear ___ Drive: FWD ___ RWD x *3 4WD-FT x *2 4WD-PT ___

Certification std. : 0.7 NOx

Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP or DPA	Ign. System (PCME/PROM) Part No.	EGR System Part No.	Catalyst Part No.
1	SW20L-ACMZZA	M5	3,125	5.8	89661-17331	25620-74220	Rear : 18450-74260(02)*1
	-AJMZZA						
2	SW20L-ACMZZA		3,250				Front : 25508-74110(S25)*1
	-AJMZZA		3,125				
3	SW20L-ACMZZA		3,250	6.3			
	-AJMZZA						
4	SW20L-ACMZZA		3,250				
	-AJMZZA						
5	ST185L-BLMVZA		3,625	7.3	89661-2B290		
6	-BLMVZA			8.0			

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

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

Note *1 : Parenthetical information represents identifying marks found on production parts.
*2 : Applied to the vehicle model ST185L series.
*3 : Applied to the vehicle model SW20L series.

VEHICLE MODELS :

MR2	Celica
SW20L-ACMZZA -AJMZZA	ST185L-BLMVZA