State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-218
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 Toyota Motor Corporation 1993 model-year exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PTY1.8V5FCD3 Displacement: 1.6 Liters (96.8 Cubic Inches)
1.8 Liters (107.5 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Multiport Fuel Injection
Exhaust Gas Recirculation
Oxygen Sensor (two)
Warm Up Three-Way Catalytic Converter
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:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.26	3.4	0.4
100,000	0.31	4.2	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.18	1.7	0.3
100,000	0.18	2.1	n/a

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, 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 listed vehicle models 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 23rd day of July, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer TOYOTA Engine family PTY1.8V5FCD3

Passenger Car PC(PC) Light-Duty Truck ___(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. L4 Liter (CID) 1.6 (96.8), 1.8 (107.5)

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

Exhaust ECS & Special Features(incl. CARB, MFI, etc.) MFI,EGR,O2S(2),WUTWC,TWC
(use abbreviations per SAE 1930 MAY91)

Engine Code/ (Cert. std.)	Vehicle Models (If Coded see attachmt)	Trans. Type: A-Auto M-Man.	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic converter Part No.
1	AE101L-AEMDKA -DEMDKA	M5	2,625	7.1	*2 89661-12890	25620-16210	Rear : 18450-16580(05)*1 Front : 25051-16010
2	AE101L-AEMDKA -DEMDKA		2,625	7.1			
3	AE101L-AEMDKA -DEMDKA		2,625	7.8	*3 89661-02040		
4	AE101L-AEMDKA -DEMDKA		2,750	7.8			
5	AE101L-AEHDKA -DEHDKA	A3	2,625	7.1		25620-16220	
6	AE101L-AEHDKA -DEHDKA		2,750	7.1			
7	AE101L-AEHDKA -DEHDKA		2,750	7.8			
8	AE101L-AEHDKA -DEHDKA		2,750	7.8			
9	AE102L-AWMNKA	M5	2,750	7.8	*2 89661-1A010	25620-16210	
10	AE102L-AEMNKA -DEMNKA -AWMNKA		2,750	7.1 7.8			
11	AE102L-AWMNKA		2,750	8.5	*3 89661-02080		
12	AE102L-AEMNKA -DEMNKA -AWMNKA		2,750 2,875	7.8 8.5			

Engine Code/ (Cert. std.)	Vehicle Models (If Coded see attachmt)	Trans. Type: A-Auto M-Man.	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic converter Part No.
13	AE102L-AWPNKA	A4	2,875	7.8	*2	25620-16220	Rear :
14	AE102L-AEPNKA		2,750	7.1	89661-1A030		18450-16580(05)*1
	-DEPNKA						Front :
	-AWPNKA		2,875	7.8	*3		25051-16010
15	AE102L-AWPNKA		2,875	8.5	89661-02070		
16	AE102L-AEPEKA		2,875	7.8			
	-AEPNKA						
	-DEPEKA						
	-DEPNKA						
	-AWPNKA			8.5			

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 produced in Japan.

*3 : Applied to the vehicle model produced in U.S. or Canada.

VEHICLE MODELS :

Corolla		Corolla wagon
AE101L-AEMDKA	AE101L-DEMDKA	AE102L-AWMNKA
-AEHDKA	-DEHDKA	-AWPNKA
AE102L-AEMNKA	AE102L-DEMNKA	
-AEPEKA	-DEPEKA	
-AEPNKA	-DEPNKA	