State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-172
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR COMPANY, LTD.

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 1991 model-year Toyota Motor Company, Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MTY2.2V5FCC4 Displacement: 2.2 Liters (132.0 Cu. In.)

Exhaust Emission Control Systems (Special Features):

Three-Way Catalysts (2)
Oxygen Sensors (2)
Exhaust Gas Recirculation
Multipoint Electronic Fuel Injection
On-Board Diagnostics

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.39	7.0	0.4

The following are the certification emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.09	1.4	0.2

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 (California Health and Safety Code Section 43205).

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 26th day of December, 1989.

K. D. Drachand, Chief
Mobile Source Division

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1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer TOYOTA Engine family MTY2.2V5FCC4

Passenger Cars x Light-Duty Trucks ___ Medium-Duty Vehicles ___ Gas x Diesel ___

Eng. Type 4 cyl. in-line Liter (CID) 2.2 (132.0) Evap.Family EV-E

Emission Control Sys. (Use SAE Abbrv.) MPI + EGR + O2S + TWC

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

Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU/PROM) Part No.	EGR System Part No.	Catalyst Part No.
1 thru 4	SW21L-ACMZKA -AJMZKA	M5	3,000 3,125	5.8 6.3	89661-17240	25620-74180 *4 25620-74181 *5	Manifold converter : 25508-74100 (S14)*1 Under floor : 18450-74260 (02)*1
1R1 thru 4R1	SW21L-ACMZKA -AJMZKA	M5	3,000 3,125	5.8 6.3	89661-17241		
5 thru 8	SW21L-ACPZKA -AJPZKA	A4	3,125	5.8 6.3	89661-17250	25620-74190 *4 25620-74191 *5	
5R1 thru 8R1	SW21L-ACPZKA -AJPZKA	A4	3,125	5.8 6.3	89661-17251		
9 & 10	ST184L-BCMGKA -BLMGKA -BLMVKA -BKMGKA	M5	3,000 3,125 3,250	5.7 5.9 6.2 6.3 6.5 6.8	89661-20661	25620-74180 *4 25620-74181 *5	Manifold converter : 25508-74100 (S14)*1 Under floor : 18450-74270 (03)*1
9R1 & 10R1	ST184L-BCMGKA -BLMGKA -BLMVKA -BKMGKA	M5	3,000 3,125 3,250	5.7 5.9 6.2 6.3 6.5 6.8	89661-20662		

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Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU/PROM) Part No.	EGR System Part No.	Catalyst Part No.
11 & 12	ST184L-BCPGKA -BLPGKA -BKPGKA	A4	3,000 3,125 3,250 3,375	5.7 5.9 6.2 6.3 6.5	89661-2B011	25620-74190 *4 25620-74191 *5	Manifold converter : 25508-74100 (S14)*1 Under floor : 18450-74270 (03)*1
11R1 & 12R1	ST184L-BCPGKA -BLPGKA -BKPGKA	A4	3,000 3,125 3,250 3,375	5.7 5.9 6.2 6.3 6.5	89661-2B012		
13 & 14	ST184L-BLPVKA	A4	3,250	6.2 6.8	89661-20681		
13R1 & 14R1	ST184L-BLPVKA	A4	3,250	6.2 6.8	89661-20682		

Comment : 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 SW21L series.

*3 : Applied to the vehicle model ST184L series.

*4 : Before running change 91-TR-19.

*5 : After running change 91-TR-19.

VEHICLE MODEL :

MR2	Celica	Celica convertible
SW21L-ACMZKA	ST184L-BCMGKA	ST184L-BKMGKA
-AJMZKA	-BLMGKA	-BKPGKA
-ACPZKA	-BLMVKA	
-AJPZKA	-BCPGKA	
	-BLPGKA	
	-BLPVKA	