State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-186
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 1991 model-year Toyota Motor Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: MTY2.4T5FCD7 Displacement: 2.4 Liters (144 Cu. In.)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Heated Oxygen Sensors (2)
Pulsed Secondary Air Injection
Exhaust Gas Recirculation
Multipoint Electronic Fuel Injection

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.39	9.0	0.4
3751-5750	0.50	9.0	1.0

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

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.13	1.3	0.1
3751-5750	0.20	1.9	0.1

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 10 day of August, 1990

for R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-14-186

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer TOYOTA Engine family MTY2.4T5FCD7

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

Eng. Type 4 cyl. in-line Liter (CID) 2.4 (144.4) Evap.Family EV-E

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

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

Certification std. : 0.4 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	RN101L-TRMDEA -TRLDEA RN106L-TRMDEA -TRLDEA RN110L-CRMDEA -CRLDEA	M5	3625 3750	14.3	89661-35650	25620-35100	18450-65020 (H01) *1
2	RN101L-TRMDEA -TRLDEA RN106L-TRMDEA -TRLDEA RN110L-CRMDEA -CRLDEA		3625 3750	14.3			
3	RN101L-TRMDEA -TRLDEA RN106L-TRMDEA -TRLDEA RN110L-CRMDEA -CRLDEA		3625 3750	15.7			
4	RN101L-TRMDEA -TRLDEA RN106L-TRMDEA -TRLDEA RN110L-CRMDEA -CRLDEA		3625 3750	15.7			

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Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP or DPA	Ign. System (PCMD/PROM) Part No.	EGR System Part No.	Catalyst Part No.
5	RN101L-TRPDEA	A4	3625	14.3	89661-35660	25620-35130	18450-65020 (H01) *1
6	RN101L-TRPDEA		3625	14.3			
7	RN101L-TRPDEA		3625	15.7			
8	RN101L-TRPDEA		3750	15.7			

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.

VEHICLE MODELS :

Truck 4WD
RN101L-TRLDEA
-TRMDEA
-TRPDEA
RN106L-TRLDEA
-TRMDEA
RN110L-CRLDEA
-CRMDEA

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

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

Certification std. : 1.0 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.
5	RN110L-CRPDEA	A4	3750	14.3	89661-35660	25620-35130	18450-65020 (H01) *1
6	RN110L-CRPDEA		3875	14.3			
7	RN110L-CRPDEA		3875	15.7			
8	RN110L-CRPDEA		3875	15.7			

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.

VEHICLE MODELS :

Truck 4WD
RN110L-CRPDEA