

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-206
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: NTY2.4T5FCC7 Displacement: 2.4 Liters (144 Cu. In.)

Exhaust Emission Control Systems and Special Features:

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

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

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

<u>Loaded Vehicle Weight (pounds)</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0-3750	0.39	9.0	0.4

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

<u>Loaded Vehicle Weight (pounds)</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0-3750	0.13	1.6	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 25th day of July, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer TOYOTA Engine family NTY2.4T5FCC7

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

Engine Config. L-4 Liter (CID) 2.4 (144.4) Evap. Family EV-E

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

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

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	RN80L-TRMDEA	M5	2875 [^] 2	11.3	89661-35620	25620-35100	18450-43051(E59)*1
	-TRMDEA		3000 [^] 3				18450-08020(E98)*1
	-TRMDEAB		3000				18450-08020(E98)*1
	-TRMREA		2875				
	-TRMREAB		2875 [^] 2				
	-TRMREAB		3000 [^] 3				
	RN85L-TRMDEA		3000				
2	RN90L-CRMDEA		3125				
	RN80L-TRMDEA		2875 [^] 2	11.3			
	-TRMDEA		3000 [^] 3				
	-TRMDEAB		3000				
	-TRMREA		2875 [^] 2				
	-TRMREA		3000 [^] 3				
	-TRMREAB		3000				
RN85L-TRMDEA		3000					
3	RN90L-CRMDEA		3125 [^] 2				
	-CRMDEA		3250 [^] 3				
	RN80L-TRMDEA		3000	12.4			
	-TRMDEAB		3000				
	-TRMREA		3000				
	-TRMREAB		3000				
	RN85L-TRMDEA		3000				
RN90L-CRMDEA		3125 [^] 2					
-CRMDEA		3250 [^] 3					
4	RN80L-TRMDEA		3000	12.4			
	-TRMDEAB		3000				
	-TRMREA		3000				
	-TRMREAB		3000				
	RN85L-TRMDEA		3000				
	RN90L-CRMDEA		3250				

17.11.00

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	RN80L-TRSDEA	A4	3000	11.3	89661-35620	25620-35100	18450-43051(E59)*1
	-TRSDEAB		3000				18450-08020(F98)*1
	RN85L-TRSDEA		3000				
	RN90L-CRSDEA		3125 ^{A2}				
	-CRSDEA		3250 ^{A3}				
6	RN80L-TRSDEA		3000	11.3			
	-TRSDEAB		3000				
	RN85L-TRSDEA		3000				
	RN90L-CRSDEA		3125 ^{A2}				
	-CRSDEA		3250 ^{A3}				
7	RN80L-TRSDEA	A4	3000	12.4			
	-TRSDEAB		3000				
	RN85L-TRSDEA		3000				
	RN90L-CRSDEA		3250				
8	RN80L-TRSDEA		3000	12.4			
	-TRSDEAB		3000				
	RN85L-TRSDEA		3125				
	RN90L-CRSDEA		3250				

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

Note ^{A1} : Parenthetical information represents identifying marks found on production parts.

^{A2} : Before running change 92-TR-5.

^{A3} : After running change 92-TR-5.

VEHICLE MODELS :

Truck 2WD	
RN80L-TRMDEA	RN85L-TRMDEA
-TRMDEAB	-TRSDEA
-TRMREA	RN90L-CRMDEA
-TRMREAB	-CRSDEA
-TRSDEA	
-TRSDEAB	