

State of California
AIR RESOURCES BOARD9

EXECUTIVE ORDER A-14-210
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: NTY3.0T5FBE2 Displacement: 3.0 Liters (180 Cu. In.)

Exhaust Emission Control Systems and Special Features:

- Three-Way Catalyst
- Heated Oxygen Sensor
- 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>ONitrogen Oxides</u>
3751-5750	0.50	9.0	1.0

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>
3751-5750	0.19	2.1	0.3

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.

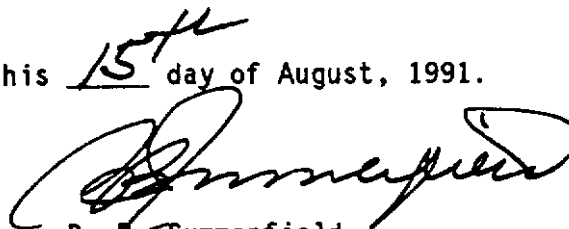
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 15th day of August, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer TOYOTA Engine family NTY3.0T5FBE2

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

Engine Config. V-6 Liter (CID) 3.0 (180.5) 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 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.	
1	VZN120L-GKPGEA	A4	4000	13.5	89661-35720	25620-65011	18450-65030(H02)*2	
2	VZN120L-GKPGEA		4000	14.8				
3	VZN100L-TRMDEA	M5	3875	14.3,	89661-35710			
	-TRMDEAB			15.2				
	VZN105L-TRMDEA							
	VZN110L-CRMDEA			4000				
	-CRMGEA							
4	VZN130L-GJMGEA		4250	14.8				
	-GKMGEA			15.3				
	VZN100L-TRMDEA		3875	15.7				
	-TRMDEAB			16.6				
	VZN105L-TRMDEA							
5	VZN110L-CRMDEA	A4	4000	14.3,	89661-35770			
	-CRMGEA			4250				15.2
	VZN130L-GJPGEA							14.8,
	-GKPGEA			4500				15.3
6	VZN110L-CRPDEA		4250	15.7,				
	-CRPGEA			16.6				
	VZN130L-GJPGEA		4500	16.2				
	-GKPGEA			16.7				

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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 (PCME/PROM) Part No.	EGR System Part No.	Catalyst Part No.
7	VZN85L-TWMREAG	M5	4250	28.0	89661-35750	25620-65021	18450-65030(H02)*2
8	VZN85L-TWMREAG		4250	29.4		*3	
9	VZN85L-TWSREAG	A4	4250	28.0	89661-35760	25620-65022	
10	VZN85L-TWSREAG		4250	29.4			

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

Note *1 : Applicable vehicle models are VZN120L-GKPGEA, VZN85L-TWMREAG & VZN85L-TWSREAG

*2 : Parenthetical information represents identifying marks found on production parts.

*3 : After Running change : 92-TR-6

VEHICLE MODELS :

4-Runner 2WD
VZN120L-GKPGEA

4-Runner 4WD
VZN130L-GJMGEA
-GKMGEA
-GJPGEA
-GKPGEA

Truck 4WD
VZN100L-TRMDEA
VZN100L-TRMDEAB
VZN105L-TRMDEA
VZN110L-CRMDEA
-CRMGEA
-CRPDEA
-CRPGEA

Cab/Chassis 2WD
VZN85L-TWMREAG
-TWSREAG