State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-79
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR CO.

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 1985 model-year Toyota Motor Co. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
FTY2.4T5FBT6	144.4	(2.4)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharger)

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

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.21	2.8	0.1

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 January, 1985.

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Toyota Motor Corporation
Executive Order No. A-14-79
Engine Family FTY2.4T5FBT6
Evaporative Family EV-E
Engine CID (Liters) 144.4 (2.4)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC-Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS :

RN55L-PGCZA

DRIVE SYSTEM : RN55L series; Front Engine/Rear - Wheel Drive

08.13.03.00 Model identification chart

B.O. No. A-14-79

Truck line	Engine type	Chassis type	Cabin type	Trans. conf.	Trim level	Model code
Truck 4WD	EFI	Short	Std.	M5	SR5	RN60L-MSEA
		Long	Std.	M5	SR5	RN65L-MSEA
		Long	Xtracab (Extended)	M5	SR5	RN65L-MSCEA
4-Runner 4WD	EFI	Short	Wagon	M5 M5 M5	STD DLX SR5	RN60LV-MDEA RN60LG-MDEA -MSEA
Truck 2WD	Diesel	Short	Std.	M4	STD	LN51L-KRA
		Long	Std.	M5	DLX	LN56L-MDA
		Long	Xtracab (Extended)	M5	DLX	LN56L-MDCA
Truck 2WD	Diesel turbo.	Long	Std.	M5	DLX	LN56L-MDXA
		Long	Xtracab (Extended)	M5	DLX	LN56L-MDCXA
Truck 4WD	Diesel turbo.	Long	Std.	M5	DLX	LN65L-MDXA
Truck 2WD	EFI turbo.	Long	Std.	A4	SR5	RN55L-PGCZA
Land Cruiser	Carb.	Wagon	St. Wagon	M4	DLX	FJ60LG-KA

E.O. #A-14-79

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Toyota Motor Corporation Page 2

Engine Family FTY2.4T5FBT6 Engine Code 1, 2

CID (Liter)- 144.4(2.4)

ECS (Special Features) CL + EGR + TWC (EFI) Type 4 cyl. in-line

Engine code	Vehicle Models (If Coded see attachment) Refer to 08.13.03.00	Trans.	Equiv. Test Weight	Ign. System EEC,EI,ESAC Part No. [Computer] [Knock sensor*1]	Fuel System CL, EFI Part No. [Computer] [Air flow meter] [Injector]	EGR Valve Part No.	Label Ident. Part No.
1, 2	RN55L-PGCZA	A4	3,125	89661-35030 89615-35010 -35020	89661-35030 22250-35040 23250-35010	25620-35150	11298-35720

Comments : See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno. test HP for air conditioning usage.