State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-60
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR CO., 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 1984 model-year Toyota Motor Co., Ltd. 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)
ETY2.4T2EBBO	144.4 (2.4)	Air Injection - Pump Three-Way Catalyst with Closed Loop Exhaust Gas Recirculation

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

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

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	0.20	4.4	0.6

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 15th day of August, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer Toyota Motor Corporation

Engine Family ETY2.4T2EBB0

Executive Order No. A-14-60

Evaporative Family EV-R2

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

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
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

Fuel System

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

MFI-Mechanical Fuel Injection
TC-Turbocharged

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Toyota Motor Corporation
Engine Family ETY2.4T2EBB0

Executive Order No. 4-14-60
Evaporative Family EV-R1
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

Exhaust Emissions Control System

AIP-Air Injection-Pump
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Special Features

CCV-Combustion Chamber Valve
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Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi
MFI-Mechanical Fuel Injection
TC-Turbocharged

DRIVE SYSTEM : Rear Wheel Drive (EVR1)
E.C. 1 thru 4; 4 wheel drive
E.C 7 & 8; Rear wheel drive

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Toyota Motor Corporation E.O. #A -14-60

Engine Family ETY2.4T2EBB0 CID(liter) - Type 144.4 (2.4) 4 cyl. in-line

ECS (Special Features) AIP + CL + EGR + TWC

Engine code	Vehicle Models (If Coded see attachment) Refer to 08.13.03.00	Trans.	Ign. System EI, CA, VA Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1, 3, 1R1 thru 4R1	RN60L-MRA -MSA RN65L-MDA -MSA -MDCA -MSCA RN60LV-MDA RN60LG-MDA -MSA	4WD M5	19100-35130	21100-35211	25620-35090	11298-35510 (Before R/C# 84-R-3) 11298-35511 (After R/C# 84-R-3) 11298-35530
7, 8, 7R1, 8R1	RN55L-KRA3W -KDA3W	2WD M4				11298-35480
1, 3, 1R1, 3R1 (After R/C #84-R-3)	RN50L-KRA	2WD M4				11298-35511
	RN55L-MRA -MDA -MDCA -MRHA	2WD M5				
5, 6, 5R1, 6R1 (After R/C #84-R-3)	RN55L-PRA -PDA -PDCA	2WD A4		21100-35231		
5, 5R1 (After R/C #84-R-5)	RN50L-PRA					

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.

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1 thru 4	RN60L-MRA -MSA RN65L-MDA -MSA -MDCA -MSCA RN60LV-MDA RN60LG-MDA -MSA	4WD M5	19100-35130	21100-35211	25620-35090	11298-35510 (Before R/C# 84-R-3) 11298-35511 (After R/C# 84-R-3) 11298-35530
7, 8	RN55L-KRA3W -KDA3W	2WD M4				11298-35480
1, 3 (After R/C #84-R-3)	RN50L-KRA	2WD M4				11298-35511
	RN55L-MRA -MDA -MDCA -MRHA	2WD M5				
5, 6 (After R/C #84-R-3)	RN55L-PRA ✓ -PDA ✓ -PDCA ✓	2WD A4		21100-35231		
5 (After R/C #84-R-5)	RN50L-PRA					

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