State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-55
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 1983 model-year Toyota Motor Co., Ltd. exhaust emission control systems are certified as described below for diesel-powered light-duty trucks.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
DTY2.2K6JBB8	133.5 (2.2)	Engine Modification (Diesel Injection-Prechamber)

Vehicle Models, Transmissions, Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.41	9.0	1.5

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.21	0.9	1.0

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's 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 18th day of November, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family DTY2.2K6JBB8 Evaporative Family N/A

Engine CID (Liters) 133.5 (2.2)

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

Models covered:

Sales Names	Vehicle Models
Long Bed Diesel Deluxe Truck	LN40L - MDA
SR5 Long Bed Diesel Sport Truck	LN40L - MSA

DRIVE SYSTEM: Front Engine/Rear Drive

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Toyota Motor Corporation E.O. #A-14-55

Engine Family DTY2.2K6JBB8 CID(liter) - Type 133.5 (2.2) I-4

ECS (Special Features) MFI , DIP

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Ign. System Part No.	Fuel System MFI Part No.	EGR Valve Part No.	Label Ident. Part No.
1,2	LN40L-MDA	M5	-	Fuel injection pump 22100-54290	-	11298-54050
	LN40L-MSA			Fuel injection pump 22100-54300		

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.

Date of Issue -

Revisions :

011981