State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-280
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 1995 model-year Toyota Motor Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: STY4.55JGFEK Displacement: 4.5 Liters (273.2 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Multiport Fuel Injection
Exhaust Gas Recirculation
Heated Oxygen Sensors (two)
Three Way Catalytic Converters (two)
On-Board Diagnostic II

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

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

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.32	4.4	0.7
	120,000	0.46	6.4	0.98

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

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.22	2.4	0.4
	120,000	0.27	3.4	0.60

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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 2235) 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, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 13th day of December, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: TOYOTA Engine Family: STY4.55JGFEK
Evaporative Family: STY1095DYM00 Evap Std: 50K x Useful Life with R/L___
Exh Std: Tier-0__ Tier-1 x TLEV___ LEV__ ULEV__ ZEV__ ; EPA Tier-0__ EPA Tier-1 x
Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2 x MDV3___ MDV4___ MDV5___
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
Exh Cert Fuel(s): Indo x Ph2___ Diesel: 13 CCR 2282__ or 40 CFR 86.113-90__ or -94__
M85___ CNG__ LPG__ Other (specify)___
Fuel Type(s): Dedicated x Flex-Fuel___ Dual-Fuel___ Gasoline x Diesel___ M85___
CNG___ LNG___ LPG___ Other (specify)___
Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)___
Engine Configuration: I-6 Displacement: 4.5 / Liters 273.2/ Cubic Inches
Engine: Front x Mid ___ Rear ___ Drive: FWD ___ RWD ___ 4WD-FT x 4WD-PT ___
Exhaust ECS (eg., EGR, MFI, TC, CAC): MFI, EGR, HO2S(2), TWC(2), OBD2
(use abbreviations per SAE J1930 SEP91)

Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP or DPA	Ign. System (ECM/PCM) Part No.	EGR System Part No.	Catalytic converter Part No.
2	FZJ80L-GNPEKA	L4	5,500	18.0	89661-60260, 89661-60261*	25620-66011	Front : C11*1

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

Note *1 : Parenthetical information represents identifying marks found on production parts.

* : After F/F 95-TF-3

VEHICLE MODELS :

Land Cruiser Wagon 4WD
FZJ80L-GNPEKA