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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-28
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Toyota Motor Company, Ltd. exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
3T(C)	108	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
3T(C)	0.24	4.7	0.7

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 except Motorcycles".

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 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Toyota Motor Company, Ltd. has provided to the Executive Officer 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 3rd day of August, 1979.

K. D. Drachand, Acting Chief
Mobile Source Control Division

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Engine Family 3T(c) Engine (CID) 108

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
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Engine Code	Model
1,2,3,4	Corolla 2-door sedan Corolla 4-door sedan Corolla Coupe Corolla Liftback Corolla Station Wagon
5,6,7,8	Corolla 2-door sedan Corolla 4-door sedan Corolla Coupe Corolla Liftback Corolla Station Wagon

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(X) Passenger Cars ( ) Light-Duty Trucks ( ) Medium-Duty Vehicles ( ) Gas ( ) Diesel

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Engine Family 3T(C) CID-Type 108, I-4 Engine Code

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes ____ No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Distributor Part No.	Fuel System 2V Carburetor Part No.	EGR Valve Part No.	Label Iden
1 through 8 1-R1 to 8-R1	Corolla 2 dr Sdn Corolla 4 dr Sdn Corolla Coupe Corolla Liftback	4M 5M 3A	2500 (2500)	Nippondenso 19100-28040	Aisan Kogyo 21100-28090 (2) 21100-28091	25620 -28050	See Page
	Corolla Station Wagon	4M 5M					
	Corolla Station Wagon	3A	2625 (2500)				
1-R2 thru (1) 8-R2	Corolla 2dr Sdn Corolla 4dr Sdn Corolla Coupe Corolla Liftback Corolla Sta.Wag.	4M 5M 3A 4M 5M	2500 (2500)			25620- 28051	
	Corolla Sta.Wag.	3A	2625 (2500)				

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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, equipment and inertia weight class.

Date of Issue - 3 August 1979
R/C 79-R/C-9
(1) R/C 80-R/C-7, Change EGR
(2) R/C 80-R/C-5, ADD ALTERNATE CARB.

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VEHICLE EMISSION CONTROL INFORMATION

ENGINE FAMILY	3T(C)	108.0 CID
EVAP. FAMILY	EV-TC	
EXHAUST EMISSION CONTROL SYSTEM		AI+EGR+CCo

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED AND AIR CONDITIONER OFF.

ENGINE TUNE UP SPECIFICATIONS

TRANSMISSION	MANUAL	AUTOMATIC
IDLE SPEED (RPM)	700(N) FOR W/O P.S. 850(N) FOR W/ P.S.	750(N) FOR W/O P.S. 850(N) FOR W/ P.S.
IGNITION TIMING (°BTDC)	10° @ MAX. 950 RPM, WITH THE HOSE NEAREST THE DISTRIBUTOR HOUSING DISCONNECTED AND ITS END SEALED	
IDLE MIXTURE SETTING	IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY. ADJUSTMENT DURING TUNE-UP NOT RECOMMENDED.	
FAST IDLE SPEED(RPM)	2800 FOR W/O P.S. 2600 FOR W/ P.S.	
THROTTLE POSITIONER SETTING SPEED (RPM)	1400	
VALVE CLEARANCE(IN.)	INTAKE 0.008 (0.20 mm) EXHAUST 0.013 (0.33 mm)	

W/O P.S. : THE MODEL WITHOUT POWER STEERING
W/ P.S. : THE MODEL WITH POWER STEERING

TOYOTA MOTOR CO., LTD.

CATALYST

THIS VEHICLE CONFORMS TO U.S. EPA AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MOTOR VEHICLES PROVIDED THAT THIS VEHICLE IS ONLY INTRODUCED INTO COMMERCE FOR SALE IN THE STATE OF CALIFORNIA. THIS VEHICLE HAS DEMONSTRATED COMPLIANCE AT ALTITUDE BELOW 4,000 FEET.