State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-20
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR COMPANY, LTD.

SUPERSEDED

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 for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 20R(C)
Engine: 133.6 CID
Transmission: 3-Speed Automatic, 4-Speed Manual, 5-Speed Manual
Exhaust Emission Control System: Air Injection, Exhaust Gas Recirculation, Thermal Reactor

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
20R(C)	0.17	2.3	1.0

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-14-1 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 28 day of September, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

SUPERSEDED

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Toyota Executive Order No. A-14-20 Page 1

Engine Family 20R (C) Engine (CID) 133.6

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)

EGR Syst. Service
I-Inspect, repair/replace as needed
R-Replace

Engine Code	Model	Transmission
CM-TT	Corona 2 dr. Sedan	4M
	Corona 4 dr. Sedan	4M, 5M
	Corona Hardtop	5M
	Corona Station Wagon	4M, 5M
CA-TT	Corona 2 dr. Sedan	3A
	Corona 4 dr. Sedan	
	Corona Hardtop	
	Corona Station Wagon	
CM-AT	Celica ST	4M, 5M
	Celica GT	5M
	Celica L.B. GT	5M
CA-AT	Celica ST	3A
	Celica GT	
	Celica L.B. GT	

SUPERSEDED

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

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Engine Family 20R(C) Engine (CID) 133.6 Engine Code

Emission Control System AI, EGR, OC +10%(A/C) Yes ☒ No ☐

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type Mfgr. Part Number	Fuel System Type Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
CM-TT	Corona 2 dr. Sedan 4 dr. Sedan Hardtop Station Wagon	4M 5M	3000 3000	Nippondenso 19100-38060 *19100-38090	Aisan 21100-38220 # 21100-38221	25620-38150	(1) 8° BTDC @ Idle (2) lean drop idle (3) 800M, 850A RPM both in neutral
CM-AT	Celica ST GT L.B. GT		2750				
CA-AT	Celica ST GT L.B. GT	3A	2750		21100-38230 # 21100-38231		
CA-TT	Corona 2 dr. Sedan 4 dr. Sedan Hardtop Station Wagon		3000			25620-38121	

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions:
*R/C 12-78-20R(C)-2, 10-5-78
#R/C 78-LDV-5, 5/23/78

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