E.O. BOOK

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-25
Relating to Certification of New Motor Vehicles

TOYO KOGYO CO., 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 Toyo Kogyo Co., LTD exhaust emission control systems for 1979 model-year gasoline-powered Passenger Cars are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
9REP	35x2	Air Injection, Thermal Reactor

Vehicle Models, Transmissions, Engine Codes 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
9REP	0.29	3.7	1.2

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.

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 19 day of April, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Toyo Kogyo Executive Order No. A-16-25 Page 1

Engine Family 9REP Engine (CID) 35x2

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

Model

Mazda RX-7
Coupe

E.O. #A 16 - 25

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer **Toyo Kogyo** Page **2**

Engine Family **9REP** Engine (CID) **35.0 x 2** Engine Code **CR-M, CR-MC, CR-A, CR-AC**

Emission Control System **AI, TR** + 10% (A/C) Yes **X** No ____

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. **CA, VA EEC *** Part Number	Fuel System **1-4V** Part Number	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	MAZDA RX-7 Coupe	**M-4 M-5 A-3**	2750	**Mitsubishi T5T02572 For manual** **Mitsubishi T5T02671 For automatic**	**Nippon 210284-531 For Manual** **Nippon 210284-541 For automatic**	**None**	**(1) T; 20 ± 2° ATDC L; 0 ± 1° TDC at idle speed W/Distributor vacuum line connected.** **(2) Less than 0.1 %** **(3) 750 ± 25 in neutral for Manual.** **750 ± 25 in "D" Range for Automatic.**

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.

*** EEC - Electronic Engine Control**

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