

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:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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.

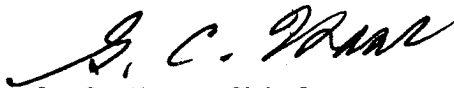
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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, 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

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A 16 - 25

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Toyo Kogyo

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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 *	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; $20 \pm 2^\circ$ ATDC L; $0 \pm 1^\circ$ TDC at idle speed W/Distributor vacuum line connected.  (2) Less than 0.1 %  (3) $750 \pm 25$ in neutral for Manual.  $750 \pm 25$ 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

Date of Issue - 041978 Revisions: 081679, Dist. P/N, Carb. Mfgr.