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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-2
Relating to Approval of New Motor Vehicles

TOYO KOGYO COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That Toyo Kogyo Company, Ltd. exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: Toyo-2

Emission Control System: Air Injection Reaction.

Engine Size: 109.6 CID with Manual and Automatic Transmission.

Vehicle Models: Courier Pick-Up
Mazda B1800 Pick-Up

Engine Family: Toyo-3

Emission Control System: Air Injection and Thermal Reactor

Engine Size: 70 CID (35 x 2 rotor) with Manual and Automatic Transmission.

Vehicle Models: Mazda RX-2 Sedan, Mazda RX-2 Coupe
Mazda RX-3 Sedan, Mazda RX-3 Coupe
Mazda RX-3 Station Wagon

Engine Family: Toyo-4

Emission Control System: Air Injection and Thermal Reactor

Engine Size: 80 CID (40 x 2 rotor) with Manual and Automatic Transmission.

Vehicle Models: Mazda RX-4 Sedan, Mazda RX-4 Coupe, Mazda RX-4 Station Wagon, Mazda RX-4 Rotary Pick-Up.

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
Toyo-2	2.3	30	1.1
Toyo-3	2.5	29	0.9
Toyo-4	2.6	28	1.2

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production but not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emissions shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section II E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to

EXECUTIVE ORDER A-16-2

TOYO KOGYO COMPANY, LTD.

inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

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

Executed at Sacramento, California, this 20 day of September, 1973.

JOHN A. MAGA
Executive Officer

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-2-A
Relating to Approval of New Motor Vehicles

TOYO KOGYO COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That Toyo Kogyo Company, Ltd. exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: Toyo-2

Emission Control System: Air Injection Reaction.

Engine Size: 109.6 CID with Manual and Automatic Transmission.

Vehicle Models: Courier Pick-Up (Marketed By: Ford Motor Co. as Courier)

Mazda B1800 Pick-Up

Engine Family: Toyo-3

Emission Control System: Air Injection and Thermal Reactor

Engine Size: 70 CID (35 x 2 rotor) with Manual and Automatic Transmission.

Vehicle Models: Mazda RX-2 Sedan, Mazda RX-2 Coupe
Mazda RX-3 Sedan, Mazda RX-3 Coupe
Mazda RX-3 Station Wagon

Engine Family: Toyo-4

Emission Control System: Air Injection and Thermal Reactor

Engine Size: 80 CID (40 x 2 rotor) with Manual and Automatic Transmission.

Vehicle Models: Mazda RX-4 Sedan, Mazda RX-4 Coupe, Mazda RX-4 Station Wagon, Mazda RX-4 Rotary Pick-Up.

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
Toyo-2	2.3	30	1.1
Toyo-3	2.5	29	0.9
Toyo-4	2.6	28	1.2

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emissions shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

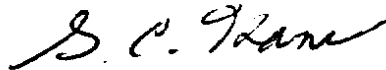
Toyo Kogyo Company, Ltd.

Executive Order A-16-2-A

IT IS FURTHER ORDERED AND RESOLVED: That Executive Order A-16-2 dated September 20, 1973 is hereby rescinded.

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

Executed at El Monte, California this 25 day of April, 1974.



G. C. Hass, Chief
Division of Vehicle
Emissions Control

AIR RESOURCES BOARD
 SUPPLEMENTAL INFORMATION
 1974 Model-Year
 Light Duty Vehicles

EXECUTIVE ORDER A-16-2

MANUFACTURER: TOYO KOGYO COMPANY, LTD.

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Courier Pick-Up Mazda B1800 Pick-Up	109.6	2-V	Man. & Auto.	Toyo-2	3000	700-750 RPM in neutral	3° BTDC @ Idle in Neutral	Less than 2% CO
Mazda RX-2 Sedan & Coupe Mazda RX-3 Sedan, Coupe, & Station Wagon	35 x 2	4-V	Man Auto	Toyo-3	2750	900-970 RPM in neutral 750-825 RPM in Drive	T:10° ATDC L:5° ATDC @ Idle in Neutral T:10° ATDC L:5° ATDC @ 750 RPM in Drive	Set CO as close to 0.1% as possible and HC to less than 200 ppm.
Mazda RX-4 Sedan, Coupe, Station Wagon & Rotary Pickup	40 x 2	4-V	Man. Auto	Toyo-4	3000	900-970 RPM in neutral 750-825 RPM in drive	T:15° ATDC L:5° ATDC @ Idle in Neutral T:15° ATDC L:5° ATDC @ 750 RPM in drive.	

REVISED 10-25-73

**AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles**

EXECUTIVE ORDER A-16-2

MANUFACTURER: TOYO KOGYO COMPANY LTD.

Model	Engine C.I.D.	Carburetor No. of Venturi	Trans- mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System **			
							Exhaust	NOx	Evap.	Other
Mazda RX-2 Sedan & Coupe	109.6	2-V	Man.	Mitsubishi T3T03672	C-V	Hitachi DCM328-23 OR DCM328-25	AIR		CT & CN	DCS
			Auto	T3T03673		DCM328-24 OR DCM328-27				
Mazda RX-3 Sedan, & Coupe, & Station Wagon	35 x 2	4-V	Man	T5T00173	Trail- ing Plug C - V, Leading Plug C Only	Nippon Car- buretor 210284-12 210284-13	AIR-TR		CT, CN & CS	ICS AACS IATCS
			Auto							
Mazda RX-4 Sedan, Coupe, Station Wagon & Rotary Pick-up	40 x 2	4-V	Man	T5T00171		Hitachi KCF-34820, KCF-34820 (Opt1)				
			Auto	T5T00172		KCF-34830 KCG-34830				

**Air - Air Injection Reaction
 CT & CN - Condense Tank and Canister
 DCS - Deceleration Control System
 TR - Thermal Reactor
 V - Vacuum
 VR - Vacuum retard

ICS - Ignition Control System
 AACS - Additional Air Control System
 IATCS - Intake Air Temperature Control System

REVISED 10-25-73
REVISED 1-15-74