

E.O.

State of California
AIR RESOURCES BOARD

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

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 1973-model year light-duty motor vehicles are approved for the engine families described below:

<u>Engine Family</u>	<u>Engine Size (cubic inches)</u>	<u>Emission Control System</u>	<u>Vehicle Models</u>
Toyo-1	96.82	EM, Canister and Container Tank	Mazda 808 SN3A(Sedan & Coupe) SN3AV(Station Wagon) Mazda B1600 BNA61(Pick-Up)
Toyo-2	109.60	AIR, Canister and Container Tank	Mazda 618 SV2A(Sedan & Coupe) Mazda B1800 or Courier BVD61 (Pick-Up) SGTA (Pick-Up)
Toyo-3	35.0 x 2 (Rotary)	AIR, TR, Canister, Container Tank and Crankcase Storage	Mazda RX-2 S122A(Sedan & Coupe) Mazda RX-3 S124A(Sedan & Coupe) S124W(Station Wagon) Mazda RX-4 S125A(Sedan & Coupe)

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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 gms/mi</u>	<u>Carbon Monoxide gms/mi</u>	<u>Nitrogen Oxides gms/mi</u>
Toyo-1	2.8	26	2.1
Toyo-2	2.5	31	2.1
Toyo-3	2.4	20	1.1

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires you to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, 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, you are required to inform the ARB of any production changes which will affect emissions.

Supplemental information sheets are attached to this letter 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 21st day of August 1972.

JOHN A. MAGA
Executive Officer

AIR RESOURCE BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

EXECUTIVE ORDER A-16

TOYO KOGYO CO., LTD..

MANUFACTURER:

Vehicle Model	Engine C.I.D.	Engine No. of Venturi	Carburetor	Trans- mission	Engine Family	Inertia Weight	Tune-up Specifications		
							Idle RPM	Basic Timing	Idle CO or AFR
Mazda 808									
Sedan	96.82	2 Bb1		M4	Toyo-1	2250	800-850 (Neut)	5° BTDC	1.5 to 2.5% CO
"	"	"	"	A3	"	"	"	0° BTDC	" " " "
Coupe	"	"	"	M4	"	"	"	5° BTDC	" " " "
"	"	"	"	A3	"	"	"	0° BTDC	" " " "
Station Wagon	"	"	"	M4	"	2500	"	5° BTDC	" " " "
"	"	"	"	A3	"	"	"	4° BTDC	" " " "
Mazda B1600									
Pick-Up	96.82	2 Bb1		M4	Toyo-1	2750	800-850 (Neut)	5° BTDC	1.5 to 2.5% CO
Mazda 618									
Sedan	109.6	2 Bb1		M4	Toyo-2	2500	700-750 (Neut)	5° BTDC	0.8 to 1.5% CO
"	"	"	"	A3	"	"	"	3° BTDC	" " " "
Coupe	"	"	"	M4	"	"	"	5° BTDC	" " " "
"	"	"	"	A3	"	"	"	3° BTDC	" " " "
Mazda B1800									
Pick-Up	109.6	2 Bb1		M4	Toyo-2	2750	700-750 (Neut)	3° BTDC	0.8 to 1.5% CO
Courier									
Pick-Up	109.6	2 Bb1		M4	Toyo-2	2750	700-750 (Neut)	3° BTDC	0.8 to 1.5% CO

See other side for additional information.

AIR RESOURCE CARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

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	Evap.
Mazda 808				Mitsubishi		Nippon Carburetor		
Sedan	96.82	2 Bb1	M4	T3T02976	C-V	215282-47, -51	EM	CT-CN
"	"	"	A3	TVK-4TR	"	215282-48, -52	"	"
Coupe	"	"	M4	T3T02976	"	215282-47, -51	"	"
"	"	"	A3	TVK-4TR	"	215282-48, -52	"	"
Station Wagon	"	"	M4	T3T02976	"	215282-47, -51	"	"
"	"	"	A3	T3T00776	"	215282-48, -52	"	"
Mazda B1600								
Pick-Up	96.82	2 Bb1	M4	T3T02976	C-V	215282-47, -51	EM	CT-CN
Mazda 618	109.60	2 Bb1	M4	T3T02977	C-V	Hitachi	AIR	CT-CN
Sedan	109.60	2 Bb1	M4	T3T02978	C-V	DCM328 (for Manual Choke)	"	"
"	"	"	A3	T3T02978	"	DCJ Automatic Choke	"	"
Coupe	"	"	M4	T3T02977	"	"	"	"
"	"	"	A3	T3T02978	"	"	"	"
Mazda B1800								
Pick-Up	109.60	2 Bb1	M4	T3T03171	C-V	"	AIR	CT-CN
Courier								
Pick-Up	109.60	2 Bb1	M4	T3T03171	C-V	"	AIR	CT-CN

** CT - Condenser Tank
 CN - Canister
 DBD - Dual Breaker Point Distributor
 CRC - Coasting Richer Control System
 *** Numbers - 47, -48 Apply to Manual Choke
 Numbers - 51, -52 Apply to Automatic Choke

* C - Centrifugal
 V - Vacuum
 VR - Vacuum retard

AIR RESOURCES BOARD
 SUPPLEMENTAL INFORMATION
 1973 Model-Year
 Light Duty Vehicles

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MANUFACTURER: TOYO KOGYO CO. LTD.

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Engine Family	Inertia Weight	Tune-up Specifications	
						Idle RPM	Basic Timing
Mazda RX-2	35x2	4 Bb1	M4	Toyo-3	2750	900 (Neut)	**
"	"	"	A3	"	"	750 (Drive)	T10° ATDC
"	"	"	M4	"	"	900 (Neut)	L 0° BTDC
"	"	"	A3	"	"	750 (Drive)	↕
Mazda RX-3	35x2	4 Bb1	M4	Toyo-3	2500	900 (Neut)	↕
"	"	"	A3	"	"	750 (Drive)	↕
"	"	"	M4	"	"	900 (Neut)	↕
"	"	"	M5	"	"	900 (Neut)	↕
"	"	"	A3	"	"	750 (Drive)	↕
Station Wagon	"	"	M4	"	"	900 (Neut)	↕
"	"	"	A3	"	"	750 (Drive)	↕
Mazda RX-4	35x2	4 Bb1	M4	Toyo-3	2750	900 (Neut)	↕
"	"	"	A3	"	"	750 (Drive)	↕
"	"	"	M4	"	"	900 (Neut)	↕
"	"	"	A3	"	"	750 (Drive)	↕

** T - Trailing Spark Plug
 L - Leading Spark Plug

See other side for additional information.

ALR RESOURCES BOARD
 SUPPLEMENTAL INFORMATION
 1973 Model-Year
 Light Duty Vehicles

MANUFACTURER: TOYO KOGYO CO. LTD.

Model	Engine C.I.D. No. of Venturi	Carburetor No. of Venturi	Trans- mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
Mazda RX-2				Mitsubishi		Nippon Carb.				
Sedan	35x2	4 Bb1	M4	all		210284-88,-90	AI, TR		CT, CN, CS	
"	"	"	A3	For Manual		210284-89	"		"	
Coupe	"	"	M4	Transmissions		210284-88,-90	"		"	
"	"	"	A3	T T3T13373		210284-89	"		"	
				L T3T13272						
Mazda RX-3										
Sedan	35x2	4 Bb1	M4	all		210284-88,-90	AI, TR		CT, CN, CS	
"	"	"	A3	For Automatic		210284-89	"		"	
Coupe	"	"	M4	Transmissions		210284-88,-90	"		"	
"	"	"	M5	T T3T10785		210284-88,-90	"		"	
"	"	"	A3	L T3T13272		210284-89	"		"	
Station Wagon	"	"	M4			210284-88,-90	"		"	
"	"	"	A3			210284-89	"		"	
Mazda RX-4										
Sedan	35x2	4 Bb1	M4			210284-88,-90	AI, TR		CT, CN, CS	
"	"	"	A3			210284-89	"		"	
Coupe	"	"	M4			210284-88,-90	"		"	
"	"	"	A3			210284-89	"		"	

** T - Trailing Spark Plug
 L - Leading Spark Plug
 TR - Thermal Reactor
 CS - Crankcase Storage

* C - Centrifugal
 V - Vacuum
 VR - Vacuum retard