E.O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-3
Relating to Approval of New Motor Vehicles

TOYO KOGYO CO. 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 Co. Ltd. exhaust emission control systems for 1975 model-year passenger cars are approved for the engine family described below:

Engine Family: REP
Transmission: 4-speed manual, 3-speed automatic
Exhaust Emission Control Systems: Air injection, thermal reactor

Engine: 35.0 x 2 CID
Models: Mazda RX-3 Sedan
Mazda RX-3 Coupe
Mazda RX-3 Station Wagon

Engine: 40.0 x 2 CID
Models: Mazda RX-4 Sedan
Mazda RX-4 Coupe
Mazda RX-4 Station Wagon

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
REP	0.7	5.4	1.2

Vehicles approved 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 27 day of November, 1974.

G. C. Hass

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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

[x] PASSENGER CARS [ ] LIGHT-DUTY TRUCKS

Revised: Dec.26,1974

MANUFACTURER: TOYO KOGYO CO. LTD.

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	Emission Control System [ ] OC [x] TR Part No. Service*	Emission Control System EGR Part No. Service*	Tune-up Specifications Idle RPM	Tune-up Specifications Basic Timing	Tune-up Specifications Idle Mixture
REP	Mazda RX-3: Sedan, Coupe, Station Wagon	35.0 x 2	M-4	2750	C	Mitsubishi T5T00571	1-4V	Hitachi KCH348-50	AI, TR	362513800A No Service Required		800^{+50}_{-0} RPM in Neutral	Trailing $15 \pm 2^{\circ}$ ATDC	Less than 0.1% CO
			A-3					Hitachi KCH348-55		188113800 No Service Required		750^{+50}_{-0} RPM in Drive	Leading $0 \pm 1^{\circ}$ TDC	
	Mazda RX-4: Sedan, Coupe, Station Wagon	40.0 x 2	M-4	3000	C	Mitsubishi T5T00572	1-4V	Hitachi KCH348-10	AI, TR	356513800A No Service Required		800^{+50}_{-0} RPM in Neutral	Leading (retarded) $20 \pm 2^{\circ}$ ATDC at idle speed	
			A-3					Hitachi KCH348-15		175713800 No Service Required		750^{+50}_{-0} RPM in Drive		

Abbreviations:

Distributor
C - Centrifugal Advance
V - Vacuum Advance
VR- Vacuum Retard

Exhaust Emission Control System
AI - Air Injection
EFI- Electronic Fuel Injection
EGR- Exhaust Gas Recirculation
EM - Engine Modifications
FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst
TR - Thermal Reactor

Evaporative Control System
CAN- Charcoal Canister Storage
TS - Tank Storage

*Service
I - Inspect, repair/replace as needed
R - Replace

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

☒ PASSENGER CARS ☐ LIGHT-DUTY TRUCKS

MANUFACTURER: Toyo Kogyo Co. Ltd. EXECUTIVE ORDER NO. A- 16-3 PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	☐ OC ☒ TR Part No. Service*	EGR Part No. Service*	Tune-up Specifications Idle RPM	Basic Timing	Idle Mixture
REP	MAZDA RX-3 Sedan Coupe St.Wagon	35.0 x 2	M-4 A-3	2750	C	MITSUBI- SHI T005T0057	1-4V	HITACHI M-4 KCH348-50 A-3 KCH348-55	AI & TR	M-4 362513800A A-3 188113800 " no service"		M-4 800-850 in Neutral A-3 750-800 in D range	Trailing 15 ATDC Leading (normal) 0 ATDC Leading (retarded) 20 ATDC	Idle CO below 0.1 %
	MAZDA RX-4 Sedan Coupe St.Wagon	40.0 x 2	M-4 A-3	3000	C	MITSUBI- SHI T005T0057	1-4V	HITACHI M-4 KCH348-10 A-3 KCH348-15	AI & TR	M-4 356513800A A-3 175713800 "no service"				Idle CO below 0.1 %

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