

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-4  
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 light-duty trucks are approved for the engine families described below:

Engine Family: RET  
Engine: 40.0 x 2 CID  
Transmission: 4-speed manual, 3-speed automatic  
Exhaust Emission Control Systems: Air injection, thermal reactor

Model: Mazda Rotary Pickup

Engine Family: NAT  
Engine: 96.8 CID  
Transmission: 4-speed manual  
Exhaust Emission Control System: Air injection

Model: Mazda B1600 Pickup

Engine Family: VBT  
Engine: 109.6 CID  
Transmission: 4-speed manual, 3-speed automatic  
Exhaust Emission Control System: Air injection

Model: Courier Pickup

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model 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>
RET	1.1	7	1.4
NAT	0.9	14	1.0
VBT	1.2	12	1.0

TOYO KOGYO CO. LTD.

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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

SUPERSEDED

MANUFACTURER: TOYO KOGYO CO., LTD.

EXECUTIVE ORDER NO. A-16-4

PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture
					Type	Mfr. Part No.	Mfr. Part No.	Type	OC <input type="checkbox"/>	TR <input type="checkbox"/>	Part No. Service*	Part No. Service*	
RET	Mazda Rotary Pickup	40.0 X 2	M-4	3000	C	Mitsubishi T5T00471	1-4V	Hitachi KCH348-20	AI, TR	175713800 No Service Required	800+50 -0 RPM in Neutral	Trailing 15+20 ATDC	Less than 0.5% CO
NAT	Mazda B1600 Pickup	96.8	M-4	3000	C, V	Mitsubishi T3T04371	1-2V	Hitachi DCJ328-2	AI	None	800+50 -0 RPM in Neutral	5+10 BTDC at idle speed	As close to 0.7% CO as poss.; Less than 1.5% CO
						Mitsubishi T3T05172 *	1,2V	Hitachi DCJ328-3	AI	None	700+50 -0 RPM in Neutral	5+10 BTDC at idle speed	As close to 0.7% CO as poss.; Less than 1.5% CO
VBT	Courier Pickup 1975 Courier Chassis Cab (RC#VBT-6)	109.6	M-4	3000	C, V	Mitsubishi T3T05173 *	1-2	Hitachi DCJ328-4	AI	None	700+50 -0 RPM in Neutral	5+10 BTDC at idle speed	As close to 0.7% CO as poss.; Less than 1.5% CO

Abbreviations:  
 Distributor: Exhaust Emission Control System  
 C - Centrifugal Advance AI - Atr Injection  
 V - Vacuum Advance EFI - Electronic Fuel Injection  
 VR - Vacuum Retard EGR - Exhaust Gas Recirculation  
 HEI - High Energy Ignition EM - Engine Modifications  
 EI - Electronic Ignition CAI - Catalyst Atr Injection  
 TR - Thermal Reactor

Exhaust Emission Control System  
 EFE - Early Fuel Evaporation ESAC - Electronic Spark Advance Control  
 FI - Fuel Injection PAI - Pulse Atr Injection  
 OC - Oxidation Catalyst RC - Reduction Catalyst  
 TR - Thermal Reactor

\*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-16-14

Revised: Dec. 26, 1974  
RC NAT-8 (Rev. 10/15/75)  
PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Idle RPM	Basic Timing	Idle Mixture
					Type	Mfr. Part No.	Type	Mfr. Part No.	Part No. Service*	Part No. Service*			
E2T	Kazda Rotary Pickup	40.0 x 2	M-4	3000	C	Mitsubishi 15T00471	Hitachi KCH348-20	AI, TR	175713800	None	800 <sup>+50</sup> <sub>-0</sub>	Trailing 15 <sup>+20</sup> <sub>-0</sub> ATDC	Less than 0.5% CO
KAT	Mazda B1600 Pickup	95.8	M-4	3000	C, V	Mitsubishi 1-2V T3T04371	Hitachi DCJ328-2	AI	None	None	800 <sup>+50</sup> <sub>-0</sub>	5+10 BTDG at idle speed	As close to 0.7% CO as possible; less than 1.5% CO
VBT	Courier Pickup	109.6	M-4	3000	C, V	Mitsubishi 1-2V T3T03572	Hitachi DCJ328-3	AI	None	None	700 <sup>+50</sup> <sub>-0</sub>	5+10 BTDG at idle speed	As close to 0.7% CO as possible; less than 1.5% CO
			A-3			Mitsubishi 1-2 T3T03573	Hitachi DCJ328-4						

Abbreviations:

- Distributor Exhaust Emission Control System  
 C - Centrifugal Advance AI - Air Injection  
 V - Vacuum Advance EPI - Electronic Fuel Injection  
 VT - Vacuum Retard ECR - Exhaust Gas Recirculation  
 M - Engine Modifications TR - Thermal Reactor
- Fuel Injection FI - Fuel Injection  
 OC - Oxidation Catalyst  
 RC - Reduction Catalyst
- Emission Control System  
 CAN - Charcoal Canister Storage  
 TS - Tank Storage  
 \*Service  
 I - Inspect, repair/replace as needed  
 R - Replace