E.O. Book

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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
RET	1.1	7	1.4
NAT	0.9	14	1.0
VBT	1.2	12	1.0

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

RC VBT-13 (Rev. Nov. 2, 1976)*
Revised: Dec. 26, 1974

☐ PASSENGER CARS ☒ LIGHT-DUTY TRUCKS RC# VBT-6 Rev. 8/28/75

MANUFACTURER: TOYO KOGYO CO., LTD.

EXECUTIVE ORDER NO. A-16-4

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
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±2° ATDC	Less than 0.5% CO
			A-3					Hitachi KCH348-25				750+50 -0 RPM in Drive	Leading 0±1° TDC at idle speed	
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±1° 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 T3T05172 *	1,2V	Hitachi DCJ328-3	AI	None		700+50 -0 RPM in Neutral	5±1° BTDC at idle speed	As close to 0.7%CO as poss.; less than 1.5% CO
			A-3			Mitsubishi T3T05173 *	1-2	Hitachi DCJ328-4						

Abbreviations:

Distributor
- C - Centrifugal Advance
- V - Vacuum Advance
- VR - Vacuum Retard
- HEI - High Energy Ignition
- EI - Electronic Ignition

Exhaust Emission Control System
- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- CAI - Catalyst Air Injection
- EFE - Early Fuel Evaporation
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor
- ESAC - Electronic Spark Advance Control
- PAI - Pulse Air Injection

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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

☐ PASSENGER CARS ☒ LIGHT-DUTY TRUCKS

Revised: Dec. 26,1974
RC NAT-8 (Rev.10/15/75)

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 Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	Emission Control System ☐ OC ☒ 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
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 $15\pm2^{\circ}$ ATDC	Less than 0.5% CO
			A-3					Hitachi KCH348-25				750^{+50}_{-0} RPM in Drive	Leading $0\pm1^{\circ}$ TDC at idle speed	
NAT	Mazda B1600 Pickup	96.8	M-4	3000	C,V	Mitsubishi T3T04371 T3T0671 (RC NAT-8)	1-2V	Hitachi DCJ328-2	AI	None		800^{+50}_{-0} RPM in Neutral	$5\pm1^{\circ}$ BTDC 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 T3T03672	1-2V	Hitachi DCJ328-3	AI	None		700^{+50}_{-0} RPM in Neutral	$5\pm1^{\circ}$ BTDC at idle speed	As close to 0.7% CO as possible; less than 1.5% CO
			A-3			Mitsubishi T3T03673	1-2	Hitachi DCJ328-4						

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