

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-10R  
Relating to Approval of New Motor Vehicles

TOYOTA MOTOR 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-45-3;

IT IS ORDERED AND RESOLVED: That Toyota Motor Company, Ltd. exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

Engine Family: 4M  
Engine: 156.4 CID  
Transmission: 3-Speed Automatic or 4-Speed Manual  
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Engine Modification, Oxidation Catalyst

Models: Toyota Corona Mark II  
Sedan  
Hardtop  
Station Wagon

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

| <u>Engine Family</u> | <u>Hydrocarbons<br/>Grams per Mile</u> | <u>Carbon Monoxide<br/>Grams per Mile</u> | <u>Nitrogen Oxides<br/>Grams per Mile</u> |
|----------------------|--|---|---|
| 4M                   | 0.3                                    | 1.8                                       | 1.5                                       |

The above values are based on Toyota's fourth quarter quality audit data for the 1975 model-year on this engine family.

BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

BE IT FURTHER RESOLVED: That this Executive Order is issued subject to Toyota Motor Company, Ltd. submitting a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.

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 8<sup>th</sup> day of October, 1975.

*G. C. Hass by A. D. Pacheco*  
G. C. Hass, Chief  
Division of Vehicle Emissions Control

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION

1976 MODEL YEAR (a) 42-764MCAL-6 (12/17/75)  
 PASSENGER CARS  LIGHT-DUTY TRUCKS

MANUFACTURER: TOYOTA MOTOR COMPANY, LTD.

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| Engine Family | Vehicle Models (If coded see attachment)           | Engine CID | Trans.    | Inertia Weight | Type       | Distributor              |      | Fuel System                      |                 | Emission Control System                |                             | Idle RPM   | Basic Timing   | Idle Mixture*  |
|---------------|--|------------|-----------|----------------|------------|--------------------------|------|----------------------------------|-----------------|--|-----------------------------|--|--|--|
|               |  |            |           |                |            | Mfgr. Part No.           | Type | Mfgr. Part No.                   | Type            | <input checked="" type="checkbox"/> OC | <input type="checkbox"/> TR |  |  |  |
| 4M            | Toyota Corolla Mark II Sedan Hardtop Station Wagon | 156.4      | M/T4 A/T3 | 3000           | TI, C,V VR | Nippon-denso 19100-45062 | 1-2V | Aisan 21100-45100 21100-45102(a) | AI, EGR, EM, OC | <input checked="" type="checkbox"/> OC | <input type="checkbox"/> TR | 800 RPM in Neutral (Manual trans-mission) 750 RPM in Neutral (Automatic trans-mission) | 5° BTDC @ 800 RPM in Neutral (Manual trans-mission) Vacuum Connected 5° BTDC @ 750 RPM in Neutral Vacuum Connected | 1) 870 RPM<br>2) 800 RPM<br>in Neutral (Manual trans-mission) 1) 820 RPM<br>2) 750 RPM<br>in Neutral (Auto Trans) Lean Drop Idle |
|               |  |            |           |                |            |                          |      |                                  |                 | 17400-45010 No Service                 |                             | 25620-45011 (Manual trans-mission) 25620-45021 (Automatic trans-mission) No Service    |  |  |

Abbreviations:

- 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
- \*Idle Mixture
  - 1) Idle Mixture Speed
  - 2) Idle RPM