

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-166-1
Relating to Certification of New Motor Vehicles

WESTERN R.V. CENTER

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Western R.V. Center exhaust emission control systems for 1978 model-year light-duty trucks are certified for the vehicles described below:

Engine Family: Toyota 20R (TC)
Engine: 133.6 CID
Transmission: 4-Speed Manual
Exhaust Emission Control Systems: Air Injection, Exhaust Gas
Recirculation, Oxidation Catalyst

Models, Transmissions and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year 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> |
|----------------------|--|---|---|
| Toyota 20R (TC) | 0.2 | 9 | 1.7 |

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

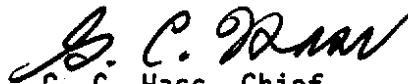
WESTERN R.V. CENTER

EXECUTIVE ORDER A-166-1
(Page 2 of 2)

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 19 day of October, 1978.



G. C. Hass, Chief

Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Western R.V. Center Executive Order No. A-166-1 Page 1

Engine Family 20R (TC) Toyota Engine (CID) 133.6

ABBREVIATIONS

Distributor

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

EFI, FI

nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
(Feedback Control)
EGR Syst. Service
I-Inspect, repair/replace
as needed
R-Replace

Engine Code

CM=CT

Model

Texan 101, 102, 103
104, 105, 106, 107

Transmission

4M

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Western R.V. Center Executive Order No. A-166-1 Page 2

Engine Family 20R (TC) Engine (CID) 133.6 Code _____

Emission Control System AI, EGR, OC +10%(A/C) Yes No

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans | Inertia Weight Class | Distributor Type C,V Mfgr. Part Number | Fuel System Type 2V Mfgr. Part Number | EGR System Part No. Service | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|-----------|---|-------|----------------------|---|--|-----------------------------|--|
| CM-CT | Texan 101, 102 103, 104, 105 106, 107 | 4M | 3500 | 19100-38060 | 21100-38161 | 25620-38121 | 1) 8° BTDC @ Idle 2) Lean drop idle 3) 800 RPM <u>Lean drop method</u> Set to the following value at best idle 870M, 920A, RPM turn idle mixture adjusting screw until 800M, 850A |

Comments: Yes models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue 10/17/78 Revisions:

See Toyota E.O. A-14-18 for revisions.