

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-112-2  
Relating to Certification of New Motor Vehicles

R.V. SPECIALTIES, INC.

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 R.V. Specialties, Inc. 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<br/>Grams per Mile</u> | <u>Carbon Monoxide<br/>Grams per Mile</u> | <u>Nitrogen Oxides<br/>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".

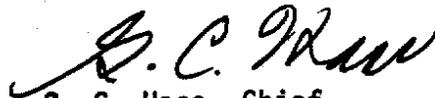
R.V. SPECIALTIES, INC.

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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 20 day of October, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer R.V. Specialties, Inc. Executive Order No. A-112-2 Page 1

Engine Family 2OR (TC) 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

Model

Transmission

CM-CT

Mini-Max Jr.

4M

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars       Light-Duty Trucks       Medium Duty Vehicles

Manufacturer R.V. Specialties, Inc.      Executive Order No. A-112-2      Page 2

Engine Family 20R (TC)      Engine (CID) 133.6      Engine 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<br>Mfgr. Part Number | Fuel System Type 2V<br>Mfgr. Part Number | EGR System<br>Part No. Service | Tune-Up Specification<br>(1) Basic Timing<br>(2) Idle Mixture<br>(3) Idle Speed  |
|-----------|--|-------|----------------------|---|--|--------------------------------|--|
| CM-CT     | Mini-Max Jr.                             | 4M    | 3500                 | 19100-38060                               | 21100-38161                              | 25620-38121                    | 1) 8° BTDC @ Idle<br>2) Lean drop idle<br>3) 800 RPM<br><br><u>Lean drop method</u><br><br>Set to the following value at best idle<br>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