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(Page 1 of 2)

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-61-42  
Relating to Certification of New Motor Vehicles

WINNEBAGO INDUSTRIES, INC.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year Winnebago Industries, Inc. exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: YWBXT02.8225 Displacement: 2.8 Liters (170 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Sequential Multiport Fuel Injection  
Three Way Catalytic Converter  
Heated Oxygen Sensors (two)  
Exhaust Gas Recirculation  
Secondary Air Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

| <u>Test Weight</u><br><u>(lbs.)</u> | <u>Miles</u> | <u>Non-Methane</u><br><u>Hydrocarbons</u> | <u>Carbon</u><br><u>Monoxide</u> | <u>Nitrogen</u><br><u>Oxides</u> | <u>Carbon</u><br><u>Monoxide (20°F)</u> |
|-------------------------------------|--------------|---|----------------------------------|----------------------------------|---|
| 5751-8500                           | 50,000       | 0.39                                      | 5.0                              | 1.1                              | 12.5                                    |
|                                     | 120,000      | 0.56                                      | 7.3                              | 1.53                             | n/a                                     |

The certification exhaust emission values for this engine family in grams per mile are:

| <u>Test Weight</u><br><u>(lbs.)</u> | <u>Miles</u> | <u>Non-Methane</u><br><u>Hydrocarbons</u> | <u>Carbon</u><br><u>Monoxide</u> | <u>Nitrogen</u><br><u>Oxides</u> | <u>Carbon</u><br><u>Monoxide (20°F)</u> |
|-------------------------------------|--------------|---|----------------------------------|----------------------------------|---|
| 5751-8500                           | 50,000       | 0.22                                      | 1.4                              | 0.4                              | 9.1                                     |
|                                     | 120,000      | 0.30                                      | 2.1                              | 0.56                             | n/a                                     |

BE IT FURTHER RESOLVED: That the manufacturer shall not be subject to the phase-in requirement specified in Title 13, California Code of Regulations, Section 1960.1(h)(2) Endnotes (10)(d) and (16) applicable to small-volume manufacturers of medium-duty vehicles.

WINNEBAGO INDUSTRIES, INC.

EXECUTIVE ORDER A-61-42  
(Page 2 of 2)

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

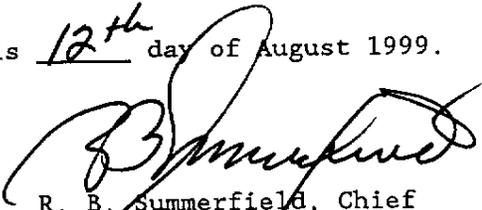
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model- Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 12<sup>th</sup> day of August 1999.

  
R. B. Summerfield, Chief  
Mobile Source Operations Division

2000 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Winnebago Ind., Inc. Exh Eng Fam: YWBXT02.8225 Evap Fam: YWBXE0105233  
 All Eng-Codes in Eng Fam: CA 49S 50S X AB965  
 Exh Std: CA Tier-1 X TLEV LEV ULEV ZEV; US EPA Tier-1 X  
 Evap Std: 50K Useful Life with R/L X In-Use Exh Std: Full In Use X Alt In Use  
 Veh Class(es): PC LDT1 LDT2 MDV1 MDV2 MDV3 X MDV4 MDV5  
 Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Bi-Fuel Gasoline X Diesel  
CNG LNG LPG M85 Other (specify) \_\_\_\_\_  
 Emiss Test Fuel(s): Indo Ph2 CNG LPG M85 Other (specify) CBG  
Diesel: 13 CCR 2282 40 CFR 86.113-90 40 CFR 86.113-94  
 Service Accum: Std AMA X Mod AMA Mfr ADP Other (specify) \_\_\_\_\_  
 NMOG Test Procedure: N/A X Std Equiv R/L Test Proc: SHED N/A Pt Source X  
 Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine): N/A  
 Engine Configuration: V6 Displacement: 2.81 / Liters 170 / Cubic Inches  
 Valves per Cylinder: 2 Rated HP: 140 @ 4500 RPM  
 Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT  
 Exhaust ECS (e.g., MFI, EGR, TC, CAC): SFI/AIR/EGR/TWC/HO2S(2)  
 (use abbreviations per SAE J1930 SEP91)

| Engine Code<br>(also list<br>CA/49ST/50ST) | Vehicle Models<br>(if coded see<br>attachment) | Trans.<br>(M5, A4<br>etc.) | ETW<br>or<br>Test Wt. | DPA<br>or<br>RLHP | Ignition<br>(ECM/PCM)<br>Part No. | EGR<br>System<br>Part No. | Catalytic<br>Converter<br>Part No. |
|--|--|----------------------------|-----------------------|-------------------|-----------------------------------|---------------------------|------------------------------------|
| AES 50ST                                   | Rialta   | L4                         | 6,500                 | 16.7              | 021-906-259P                      | 021-131-501G              | 023-131-701SX                      |

Date Issued:

Revisions: