

Pursuant to the authority vested in California Air Resources Board by Health and Safety Code Divisions 25.5 and 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-19-095;

**IT IS ORDERED AND RESOLVED:** The following on-road motor vehicles with a manufacturer's GVWR over 10,000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

**VEHICLE FAMILY INFORMATION:**

Model Year: 2024

Vehicle Family Name: RFMX2VOCV4AA

Vehicle Type: Vocational

Vehicle Service Class: Light HDV

Vehicle Subcategory: Light HDV / Otto / Regional

Gross Vehicle Weight Rating (GVWR) of Vehicles (pounds): 10,000 < GVWR ≤ 19,500

**CO<sub>2</sub> FAMILY EMISSION LIMITS:**

CO<sub>2</sub> Standard (g/ton-mile): 324

Highest Projected Family Emission Limit (g/ton-mile): 347

Lowest Projected Family Emission Limit (g/ton-mile): 339

**EMISSION CONTROL SYSTEMS:**

Low rolling resistance tires all (LRRRA)

**BE IT FURTHER RESOLVED:** The manufacturer has demonstrated certification compliance with the Greenhouse Gas Emission Standards as specified in Title 17 CCR 95663 and the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles" (HDV Test Procedures) adopted October 21, 2014 as last amended September 9, 2021.

**BE IT FURTHER RESOLVED:** For the listed air conditioning platform(s) in the attachment, except for A/C Platform ID Motorhome Stripped Chassis, 7.3L GAS, with A/C Components for Molly Corporation (Molly A/C), the manufacturer has demonstrated certification compliance with the AC Leakage Standard specified in 17 CCR 95663(a)(1)(B)7 and Section 1037.115 of the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles" (HDV Test Procedures) adopted October 21, 2014, as last amended September 9, 2021. For vehicles equipped with the Molly A/C platforms, no modifications to the A/C components or completing of the A/C system shall be allowed, as the manufacturer has not demonstrated certification compliance with the AC Leakage Standard for this platform.

**BE IT FURTHER RESOLVED:** For the listed vehicle models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1978 (complete vehicles) (vehicle refueling emissions standards), and 13 CCR 2035 et seq. (emission control warranty).

**BE IT FURTHER RESOLVED:** The engine families that are approved for installation within the vehicle family are listed in the attachment.

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

Executed on this 22nd day of December 2023.

  
Robin U. Lang, Chief  
Emissions Certification and Compliance Division

Vehicle Family: RFMX2VOCV4AA

Date: 12/20/2023

EO: A-010-2518

**Vehicle Make and Models:**

| <b><u>Vehicle Make</u></b> | <b><u>Models</u></b>                            |
|----------------------------|---|
| Ford                       | Motorhome Stripped Chassis (Incomplete vehicle) |
| Ford                       | E-350, E-450                                    |

**Engine Families in Vehicle Family:**

|              |              |
|--------------|--------------|
| RFMXE07.3BWU | RFMXE07.3BW7 |
|--------------|--------------|

**A/C Platform Summary:**

| <b><u>A/C Platform ID</u></b>  | <b><u>Refrigerant Type</u></b> | <b><u>Refrigerant Capacity (g)</u></b> | <b><u>STD (HFC (g/year))</u></b> | <b><u>Leakage Rate (HFC (g/year))</u></b> |
|--|--------------------------------|--|----------------------------------|---|
| E-Series, 7.3L GAS, Aux  | R-134a                         | 1531                                   | 23.0                             | 10.26                                     |
| E-Series, 7.3L GAS, Non  | R-134a                         | 850                                    | 12.8                             | 9.39                                      |
| E-Series, 7.3L GAS, Incomplete A/C, to be completed by Morgan Olson With Victory Climate Systems Completed AC systems  | R-134a                         | 907                                    | 13.6                             | 12.80                                     |
| E-Series, 7.3L GAS, Incomplete A/C, to be completed by Utilimaster with Victory Climate Systems Completed AC System  | R-134a                         | 1021                                   | 15.3                             | 13.24                                     |
| E-Series, 7.3L GAS, Incomplete A/C, to be completed by Thor Motor Coach with Bergstrom Completed AC System   | R-134a                         | 907                                    | 13.6                             | 12.73                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Forest River Coachmen with Bergstrom Completed AC System with Ford Suction Line                     | R-134a                         | 1134                                   | 17.0                             | 11.26                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Forest River Georgetown with Bergstrom Completed AC System with Bergstrom Suction Line              | R-134a                         | 1134                                   | 17.0                             | 11.94                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Tiffin with Denso Completed AC System with Denso Suction Line                                       | R-134a                         | 1270                                   | 50.0                             | 13.35                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by REV with Victory Climate Systems Completed AC System including Victory Climate Systems Suction Line | R-134a                         | 1248                                   | 50.0                             | 13.11                                     |

Vehicle Family: RFMX2VOCV4AADate: 12/20/2023EO: A-010-2518**A/C Platform Summary:**

| <b><u>A/C Platform ID</u></b>  | <b><u>Refrigerant Type</u></b> | <b><u>Refrigerant Capacity (g)</u></b> | <b><u>STD (HFC (g/year))</u></b> | <b><u>Leakage Rate (HFC (g/year))</u></b> |
|--|--------------------------------|--|----------------------------------|---|
| Motorhome Stripped Chassis, 7.3L GAS, with A/C Components for Molly Corporation  | N/A                            | N/A                                    | N/A                              | N/A                                       |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Hometown Trolley with Valeo Completed AC system                                   | R-134a                         | 2834                                   | 42.5                             | 16.16                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Newmar with Bergstrom Completed AC System with Ford Suction Line                  | R-134a                         | 1134                                   | 17.0                             | 12.67                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Thor Motor Coach with Bergstrom Completed '2010' AC System with Ford Suction Line | R-134a                         | 1077                                   | 16.2                             | 11.53                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by CT Coachworks with Bergstrom Completed AC System with Ford Suction Line           | R-134a                         | 1134                                   | 17.0                             | 12.46                                     |
| Motorhome Stripped Chassis, 7.3L GAS, Incomplete A/C, to be completed by Jayco with Bergstrom Completed AC System with Ford Suction Line                   | R-134a                         | 1134                                   | 17.0                             | 12.46                                     |