

# **Commercial Bus Warranty and Maintenance Guide**

**Provided by  
The Bus Center**



# Warranty Information

## 1. Standard Warranty Coverage

Commercial buses come with a limited warranty against manufacturing defects in materials or workmanship. Warranty durations may vary by part or system, typically ranging from 1 to 5 years.

## 2. Chassis Warranty

The chassis warranty is provided by the chassis manufacturer (e.g., Ford, GM, Freightliner) and may differ from the body warranty.

## 3. Additional Warranties

Some components, such as air conditioning systems, wheelchair lifts, and other add-ons (e.g., Braun lifts, MCC, ACC AC systems), may have separate warranties from third-party manufacturers.

For detailed warranty information, please contact Scott Fisher at [sfisher@thebuscenter.com](mailto:sfisher@thebuscenter.com) or call (844) 256-6169.



# Maintenance Guidelines

## 1. Regular Maintenance Schedule

**While maintenance does not have to be performed by a dealer, The Bus Center is available to assist with all service needs to help extend the life of your vehicle. Be sure to follow the manufacturer's maintenance schedule found in your vehicle's owner's manual (typically located in the glove box or on a thumb drive).**

**Regular maintenance includes:**

- o Oil & Filter Changes: Routine engine servicing.**
- o Inspections & Servicing: Transmission, brakes, and suspension systems.**
- o Tire Care: Inspections and rotations.**
- o HVAC System Maintenance: Ensuring heating and cooling systems work efficiently.**

## 2. Wheelchair-Accessible Buses

**Perform periodic maintenance on lifts and securement systems to ensure passenger safety and reliability.**

## 3. Chassis Maintenance

**Follow the manufacturer's guidelines (e.g., Ford, GM, Freightliner) for:**

- o Engine, drivetrain, and transmission care.**
- o Suspension, braking, and fuel system maintenance.**



## Maintenance Guidelines Continued

### 4. Body Maintenance

**Conduct routine inspections of the bus body every 30 days to check for:**

- o Corrosion, Leaks, or Physical Damage: Prompt repairs help maintain structural integrity and avoid warranty claim denials.**
- o Functional Systems: Ensure that lights, mirrors, doors, and safety equipment (including emergency exits) are functioning properly.**

### 5. Record Keeping

**Maintain detailed records of all maintenance and service performed to ensure compliance with warranty requirements and track service intervals.**

### 6. Service Locations

**Warranty work and routine maintenance can be performed at authorized service centers or by certified technicians. The Bus Center is ready to assist with all your service needs at one of our location. Reach us at (844) 256-6169.**



# **Chassis vs. Body Overview**

## **Chassis (Provided by Chassis Manufacturer)**

**The chassis serves as the foundation of the bus, including all mechanical and structural components, and is supplied by manufacturers like Ford, GM, or Freightliner.**

### **Key Chassis Components:**

- **Engine: The power source for the vehicle.**
- **Transmission: Distributes power from the engine.**
- **Drivetrain: Includes axles, driveshaft, and differential.**
- **Suspension System: Ensures a smooth ride.**
- **Braking System: Includes ABS, discs, and pads.**
- **Fuel System: The fuel tank, pumps, and related components.**
- **Chassis Frame: The base structure made from steel or aluminum.**
- **Electrical System: Includes wiring, lights, and alternators tied to the engine.**

### **Body (Constructed by the Body Manufacturer)**

**The body includes the bus's structure, interior, and specialized features, including those for various applications such as shuttles, school buses, or wheelchair-accessible vehicles.**

### **Key Body Components:**

- **Passenger Area: Seating, flooring, and interior panels.**
- **Windows & Doors: Including emergency exits and wheelchair-accessible doors.**
- **HVAC System: Controls the climate for passengers.**
- **Safety Equipment: Includes fire extinguishers, first aid kits, and emergency signage.**
- **Lifts & Securement Systems: Ensure accessibility for wheelchair users.**
- **Body Frame: Exterior panels, roof, and structural reinforcements.**
- **Lighting: Interior cabin lights and external marker lights.**



# Warranty and Maintenance Distinction

## 1. Chassis Maintenance/Warranty

- o Covered by the chassis manufacturer (e.g., Ford, GM, Freightliner).
- o Includes engine, transmission, suspension, and drivetrain components.
- o Follow the manufacturer's manual and work with certified service centers.

## 2. Body Maintenance/Warranty

- o Managed by the body manufacturer.
- o Covers body components like structure, doors, HVAC systems, and wheelchair lifts (third-party warranties may apply to specific systems).
- o Follow the maintenance schedule for regular inspections and repairs.
- o Warranty and maintenance work should be performed by authorized service centers or licensed technicians to avoid voiding the warranty.



## **Owner's Manuals & Maintenance Schedules**

**For detailed information, please refer to the following resources:**

- **Owner's Manuals, Maintenance Schedules, and Warranties for Champion, Eldorado, Glaval, Starcraft, and StarTrans buses.**
- **[Forest River Starcraft: Forest River Bus Owner's Manuals](#)**
- **[Braun Buses and Lifts: Braun Owner Support Manuals](#)**
- **[FR Conversions Manuals: FR Conversions Warranty](#)**

---

**For assistance, please contact Scott Fisher  
at (205) 663-2287 or  
[sfisher@thebuscenter.com](mailto:sfisher@thebuscenter.com).**

