



LUXURY COACHES

Shuttle Owner's Manual

L.A. West, Inc.

196 Crawford Road

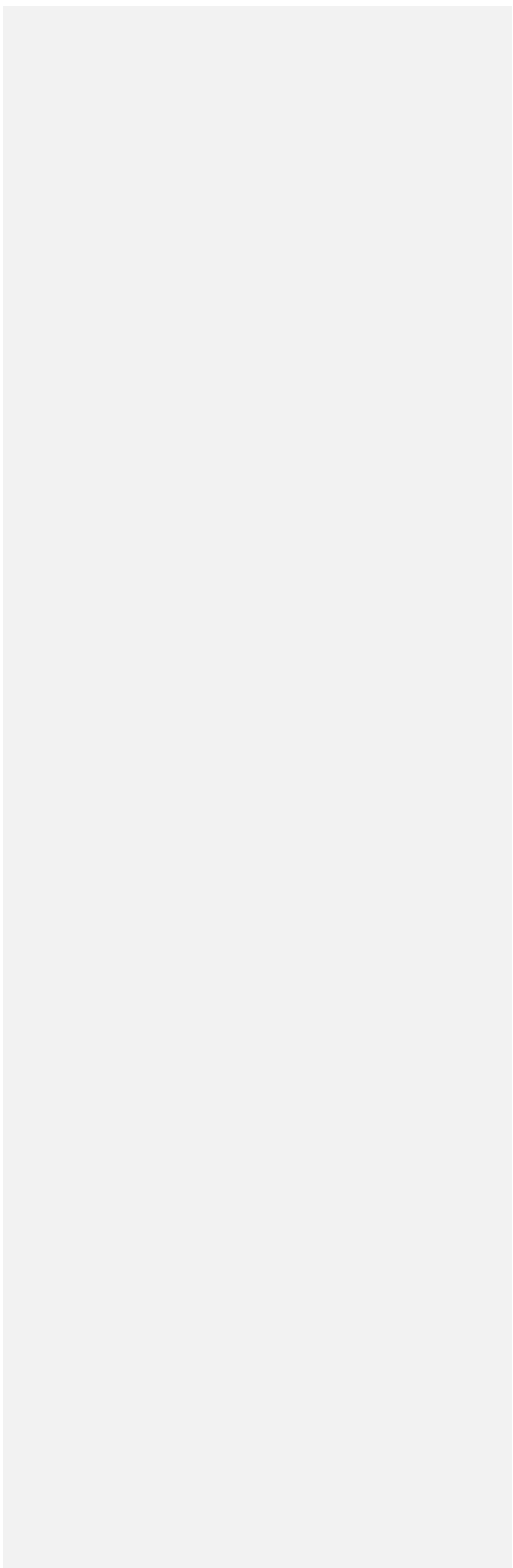
Statesville, NC 28625

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Limited Warranty Policy

COMPLETE ASSURANCE LIMITED WARRANTY: L.A. West, Inc. (hereafter referred to as Warrantor) warrants to the original purchaser (hereafter referred to as Owner) that its workmanship and its materials shall be free of substantial or material defects with regards to any and all parts or assembly labor attributable to Warrantor, under normal use and service. The warranty period shall be as follows: (3) three years or (36,000) thirty-six thousand miles from the date of original purchase, whichever shall happen first.

WARRANTY PERFORMANCE: Warrantor will repair or replace, at its sole election, any defective part covered under this warranty, at no expense to the Owner. Unless otherwise approved in writing and signed by all parties, Owner shall be responsible for expenses arising out of or relating to transporting the product and / or vehicle to the appropriate Warranty Service location. Every reasonable effort shall be made to select and provide a suitable Warranty Service location in close relative proximity to Owner for necessary inspection and / or repair of vehicle. In the event that a specified part is deemed non-reparable and exact replacement is no longer available, all reasonable effort shall be made to obtain suitable replacement of equivalent value and function for substitution in place of original. Notwithstanding, Warrantor reserves the right to change the parts and designs of its products without notice with no obligation to make corresponding changes to previously manufactured products.

WARRANTY EXCLUSIONS: This warranty shall NOT cover the following:

- 1) Damage or deterioration to the physical appearance of the unit if such damage is the result of normal use, wear and tear, or exposure to the elements.*
- 2) Damage caused by misuse, abuse, negligence, accident or acts of God. Usage of this product in a manner inconsistent with its design intentions or inconsistent with the manufacturer's instructions and recommendations will void this warranty with respect to damage caused by or relating to such inconsistent usage.*
- 3) Products, which have been repaired, altered or modified by any party other than Warrantor.*
- 4) Accessories or parts not installed by Warrantor, including but not limited to; chassis and its component parts.*
- 5) Expenses arising out of, or related to, the transporting of the product to an appropriate Warranty Service Location for service.*
- 6) Expenses arising out of, or related to, normal maintenance, such as: cleaning interior/exterior, lubrication and/or minor adjustments of moving parts, etc.*

The following actions or events will result in the automatic termination of this warranty and will relieve Warrantor from any and all obligations under this warranty:

- 1) Misuse or neglect of the product, failure to provide reasonable and necessary maintenance, unauthorized alteration or modification, accident or improper loading.
- 2) Sale of this vehicle to third party. This warranty is non-transferable.
- 3) The expiration of the warranty period set out herein.

WARRANTY CLAIM PROCEDURES: All warranty claims must be reported within the warranty period. Warrantor must authorize all warranty service requiring repair or replacement prior to such repair or replacement being performed. Warranty service may be reported directly to the Warrantor or to one of their authorized dealer or sales representatives. If warranty personnel approve warranty service, you must leave the unit at the appropriate Warranty Service location for a sufficient time to effect service.

LIMITATIONS: THIS WRITTEN WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE.

RECOVERY LIMITATIONS: NO PERSON SHALL BE ENTITLED TO RECOVER FROM WARRANTOR FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING OUT OF OR RELATING TO ANY DEFECT IN THE PRODUCT. These limitations include, but are not limited to, loss of time; loss of use; loss of revenues, salaries or commissions; towing charges; bus fares; car rentals; gasoline expenses; telephone charges; lodging, inconvenience or other incidental damages.

LEGAL RIGHTS: This written warranty constitutes the entirety of the agreement between Warrantor and Owner. Warrantor does not authorize any person to expand, amend or alter this liability in connection with this product. No alteration of this agreement shall be deemed valid unless and until it has been agreed to in writing and signed by all parties. Disputes arising from any repair, replacement parts or any other aspect of repair and/or warranty shall be resolved in accordance with the accepted practices and procedures of the American Arbitration Association relating to commercial transactions in the State of North Carolina. Arbitration results shall be binding by both parties. Both parties' arbitration related expenses shall be paid by _____ losing _____ party.

THE TERMS OF THE WARRANTOR'S UNDERTAKING EXPRESSED IN THIS LIMITED WARRANTY ARE DRAFTED TO COMPLY WITH THE MAGNUSEN MOSS WARRANTY LEGISLATION, P.L. 93-637 of 1974, AND OTHER APPLICABLE LAW. ANY WARRANTY PROVISION PROMULGATED BY THE FEDERAL TRADE COMMISSION PURSUANT TO RULES OR ANY OTHER LAW RELATIVE THERETO ARE EXPRESSLY INCORPORATED HEREIN. TO THE EXTENT ANY PROVISIONS OF THIS LIMITED WARRANTY ARE INCONSISTENT WITH STATE OR PROVINCIAL LAWS, ONLY THOSE PARTS INCONSISTENT ARE VOID.

L.A. West, Inc.
Customer Care and Aftersales Service
196 Crawford Rd.
Statesville, NC 28625
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Delivery

Throughout the entire manufacturing process, your L.A. West vehicle has been regularly inspected by our qualified personnel to assure you of the finest product of the highest quality, without exception. However, the final inspection at our factory is not to be the last one. The pre-delivery inspection and system check that your dealer performs are the final inspections done to your particular vehicle prior to you actually receiving your new Z Coach. Your dealer is also available to assist you in understanding the warranties and completing the necessary forms to activate the warranties for the various accessories installed in your vehicle.

Dealer Responsibilities

1. A pre-delivery inspection and systems check is performed to assure a thorough inspection of the vehicle and to assure the proper operation of all factory-installed components.
2. A customer walk-through is performed to familiarize the new customer with the vehicle, its systems and components, and their proper and safe operation.
3. Delivery of the Owner's Information Package which contains warranty cards and registrations for the vehicle and all factory-installed components from other vendors and suppliers to L.A. West. The detailed operation instructions and maintenance instructions on these components are also included in this package.
4. Assisting the customer in completing the registration forms to avoid loss of warranty coverage. The dealer should review the limited-warranty provisions with the customer to stress the importance of completing the warranty cards and registration forms for the components in the vehicle to enable the manufacturers to receive them within the prescribed time limits.
5. Providing the customer with information regarding warranty and non-warranty work on the vehicle and its separately warranted components.

Customer Responsibilities

The customer is responsible for regular and proper maintenance of the vehicle. Properly maintaining your vehicle will prevent conditions arising from neglect that are not covered by your L.A. West limited warranty. The maintenance guidelines in this manual and any other, applicable manual(s) should be followed. It is your responsibility to return the vehicle to an authorized dealer for repairs and service. To assist you in avoiding problems with your vehicle, it is recommended that you do the following:

1. Read the warranty. Go over it thoroughly with your dealer to make sure you understand all the terms and conditions of the warranty.
2. Please ask questions about anything you do not fully understand about your vehicle. L.A. West is here to serve you and assure that you have all the information necessary for your safe and enjoyable use of your new vehicle.
3. When you are taking delivery, set an appointment for adjustments. This appointment should be within two weeks after you accept delivery.

4. You are responsible for and are expected to use your vehicle in a responsible, safe manner. Please take the time to familiarize yourself with the proper operation of the vehicle and all its features before you attempt to use your vehicle.

Contact your authorized dealer for service and warranty of your L.A. West vehicle.

L.A. West Limited Warranty

The terms and conditions of the limited warranty are set forth in the L.A. West Limited Warranty. Please read your L.A. West Limited Warranty carefully and familiarize yourself with what it covers. If you haven't received a copy of the complete Limited Warranty statement, request a copy from your dealer.

The chassis and certain other components in a L.A. West build are under warranty by the chassis manufacturer and/or component manufacturers.

This owner's manual is NOT a warranty.

Chassis Warranty

Your vehicle chassis is warranted by the manufacturer. The information packet included in your bus will contain the chassis owner's manual and warranty information for the chassis.

Other Warranties

Some of the components in or on your bus have their own warranties. In some cases, separate warranty cards may need to be completed and mailed to activate these warranties.

If, after reviewing the warranties, you have questions about coverage included in the L.A. West Limited Warranty, coverage by the chassis manufacturer or warranty coverage by others, please ask your dealer.

Vehicle Identification Number (VIN)

This number is the identification number for the chassis manufacturer. The VIN number is located on the Vehicle Safety Certification Label and stamped on a tag located in the upper left-hand corner of the dash at the windshield area.

Safety Warnings and Precautions

Your L.A. West vehicle is designed and manufactured to provide you with various custom features as well as provide you with comfortable and safe transportation. We have indicated throughout this owner's manual how to safely operate and use the variety of features on your bus. Please take time to read this owner's manual, as well as the chassis owner's manual to become familiar with the features of your vehicle and please pay special attention to the notes and instructions that explain important safety precautions.

Caution Symbol

Whenever you see this "  **CAUTION**", exercise caution and follow the instruction provided throughout this manual. Failure to do so could cause you or other people to be seriously injured or killed.

Notice: This indicates there is something that could damage your vehicle.

We Care About Our Customers

Because we care about you and your passengers, we urge you to review and follow the safety warnings and precautions listed on below.

Safety Alert

1. Read your vehicle chassis owner's manual. It covers many important safety points in addition to operating instructions.
2. Make sure the seating is properly secured before the vehicle is put into motion.
3. Never disconnect safety devices installed on your L.A. West unit. These devices are for your protection and should not be tampered with.
4. All seat release, slide and recline mechanisms must be fully engaged and locked when the bus is in motion.
5. Have passengers keep fingers and hands away from any pivot points or moving components to avoid personal injury.
6. Entry steps, bumper steps and running boards may become slippery during wet, snowy or icy conditions and caution needs to be used during these conditions.
7. Don't overload the bus. Refer to weight and loading restrictions.
8. Check clearances for any overhead obstructions like bridges, branches, overhead doors, low hanging wires, etc.

Be Prepared for Emergencies

To provide the maximum safety for you and your passengers, it is important that everyone using and riding in the vehicle is familiar with emergency features such as the location of exits.

It is the driver's responsibility to make sure everyone is familiar with and understands the escape routes of the bus.

Escape Routes

Optional Emergency Escape Windows

Are marked with a red sticker that states "EMERGENCY EXIT" and has bright red release latches. Instructions are listed on the window.



Emergency Escape Hatch

Located in the ceiling with release handles to help open. Instructions are listed on the hatch.

Emergency Doors

Can be located in the rear, side or front and with a red "EMERGENCY EXIT" sticker above them. They are opened by pulling the handle and pushing outward.

Optional Fire Extinguisher(s)

Fire extinguishers are recommended for small fires only.

Read the label for basic instructions and the owner's guide supplied with the fire extinguisher for complete details on proper use and operations before using the bus.

Fire Prevention Suggestions:

- DO NOT overload electrical wiring.
- DO NOT replace a fuse with one of a higher amp rating.
- DO NOT store flammable liquids inside the vehicle.
- DO NOT park over papers, leaves, dry grass or other things that can be ignited if touched by hot exhaust parts under your vehicle.

Park Safely

In heavy snow or blizzard conditions make sure you clear away any snow around the base of your vehicle, especially anything blocking the exhaust pipe. Keep checking to make sure snow has not collected there.

 **CAUTION:** Engine exhaust can kill you and others in the vehicle. It contains the gas carbon monoxide (CO) which you cannot see or smell. It will cause unconsciousness and/or death. If you ever suspect exhaust coming into the vehicle have it checked and repaired immediately.

Vehicle Safety Standard Certification Labels

Vehicle Weight and Loading Restrictions Label

Provides the following information:

- Name of the body manufacturer (MFG BY)
- The month and year the body was manufactured (DATE OF MFG.)
- Weight and Loading Restrictions: (GVWR, GAWR-FRONT, GAWR-REAR)
- Certification Statement (MO and YR)
- Vehicle Identification Number
- Vehicle Type

The weight and loading restrictions are specified by the chassis manufacturer.

These loads are defined by the Gross Axle Weight Rating (GAWR). The GAWR is the value of the load carrying capacity of a single axle system. It is measured by the tire/ground interface, plus the Gross Vehicle Weight Rating (GVWR), which is the maximum permissible load/weight of the bus.

Weighing the Unit

The weight of the empty vehicle will vary based on the equipment and options which are installed on your particular bus. Properly loaded vehicles will perform better, handle more safely and give you peak performance from your tires.

It is your responsibility to weigh the vehicle while empty and again when fully loaded including fuels and other fluids, to ensure it stays within weight limitations. Weigh the unit from time to time to make sure the bus stays within its gross vehicle weight limitations.

 **CAUTION:** Do not exceed the GVWR. Overloading can cause a potential safety hazard. The driving ability and the handling of the unit could be greatly altered or affected if your unit is overloaded.

 **CAUTION:** Overloading can cause your tires to overheat resulting in too much friction and you could have an air-out which could result in a serious accident. Be sure that the overall weight, including passengers, equipment and supplies etc., does not cause your bus to exceed axle loads as well as the overall vehicle loads specified for your particular bus.

Notice: Overloading can cause parts to break and/or shorten the life of your vehicle. Your warranty does not cover parts or components that have failed due to overloading.

Electrical Features

Your vehicle may feature a 12 VDC system. This system allows the ability to control circuits from multiple locations in the coach. Each switch allows you to turn a circuit on or off with individual button presses and provides an indicator light to tell you the status of the circuit (i.e. whether it is on or off).

12 Volt DC (VDC) Receptacles USB Receptacles

Your L.A. West vehicle may be equipped with a 12 VDC receptacles conveniently located at various locations. This 12 VDC receptacle can be used for providing power to various items, such as cellular phones, personal computers, or portable communications equipment. This receptacle is usually found on the sidewall next to the passenger's seat so that it is conveniently available to be used by the passengers. This receptacle accommodates the "cigarette-lighter" type of connector. Your Z Coach may be equipped with USB ports conveniently located on the front dashboard. These ports allow for easy access when charging cell phones, laptop computers, iPods, iPads or other tablets.

Optional Converter/Inverter

Your L.A. West vehicle may be equipped with a 2000 watt inverter. The control panel for the inverter/charger is located under the rear passenger seat. Please refer to the Inverter's Owner's Manual in your owner's package for more detailed operating instructions.

120 Volt (VAC) AC Receptacles

Your L.A. West vehicle maybe equipped with several 120 VAC receptacles located throughout the interior of the vehicle. These 120 VAC receptacles are of the "three-prong" variety. The third prong being a grounding pin which provides adequate grounding to protect one from any electrical shock. For these receptacles to work properly, do not use an adapter, cheater, or extension cord which defeats the function of the grounding pin. For the same reason, never remove or bend away the ground prong or pin from any three prong AC plug so that it would fit a two-prong AC receptacle (i.e., an ungrounded AC receptacle). Never operate the Z Coach if there is an electrical short present, as an electrical short may deliver an electrical shock to anyone coming in contact with the exterior of the unit. Do not reconnect the 120 VAC power until after that electrical fault is fixed—the grounding circuit must be continuous from the frame to the distribution panel, to the power cord, and to the earth ground so that electrical-shock protection is realized.



Circuit Breakers

The 12 VDC circuit breakers are located under the driver's seat. When the circuit breakers are shut down or electrically tripped, they must be manually reset. These breakers protect the 12-volt rear lighting and the 12 VDC components in your vehicle. As needed, manually reset the circuit breaker or breakers. Be careful when working around these connections as an accidental electrical short to ground (i.e., momentarily connecting the "positive" or "hot" terminal to any part of the chassis) can be hazardous and harmful.

Pre-Travel Instructions

It is the driver's responsibility to understand the complete operation of the bus. Failure to follow the proper procedures could affect the performance of the bus and/or affect the safety of the passengers.

Review this Operations/Service Manual

It is important for you as well as your passengers to understand and be familiar with the operations, procedures, preparations and check lists that are recommended throughout this manual. Knowing the vehicle is the key to gaining maximum efficiency.

Read the Chassis Owner's Manual

The chassis owner's manual will explain all the features of the factory instrument panel as well as the warning systems that let you know everything is working properly and what to check if not. It will also have driving tips and other useful tips such as information on starting, shifting, braking and roadside emergency information.

Before You Drive Away

Plan your trip and prepare as much as you can before you leave. Chart your route by consulting maps and guidebooks as to the condition of the roads and other circumstances such as low bridges or tunnels. Listed below are recommendations concerning some of the things you may want to do before you set out on your trip.

- Check your tires, wheels and lug nuts for proper tightness or excessive wear.
- Check all fluid levels and hoses for damage or wear.
- Check mechanical functions such as proper brake operations etc.
- Check battery(s) for proper charge and proper cable connections or physical damage.
- Check for the proper amount of antifreeze/coolant in your radiator.
- Test lights inside and out including clearance, stop, turn signals, flashers and backup, etc.
- Close and secure all doors.

Driving Tips

- Allow for the length and width of the vehicle.
- Always allow extra room when turning a corner or changing lanes.
- Check the side mirrors often. Learn to use the view of the roadway behind, as seen through the side mirrors, as a reference to keep a good lane position.
- Avoid sudden maneuvers when passing another vehicle. Check rear view mirrors and signal lane change before passing.
- Drive with consideration on the highway, observing speed and safety regulations.
- Allow a safe distance in which to stop your vehicle, never follow another vehicle too close.

- Observe proper vehicle speeds when ascending or descending hills and always operate in the proper transmission range.
- Allow for the extra height of your vehicle and avoid areas having low overhead clearance.

Exterior Components, Operations and Care

This section explains the basic features of the exterior components and will help you become familiar with operations, procedures and recommended care and maintenance.

- Daily washing will not only enhance the look of the bus, but help maintain the exterior components.
- Using a hose to wet it down and wiping the surface with a sponge or cloth can easily clean the exterior.
- Never use harsh abrasives or strong solvents on the exterior.

Roof Area

- The sealants and adhesives used on the roof area are formulated to remain waterproof under the sustained effects of the weather and road vibrations.
- Periodically inspect the roof paying special attention to possible scrapes or cuts caused by tree limbs or other overhanging obstructions.

Note: If there is evidence of cuts or scrapes in the sealants or adhesives please contact your dealer for repair or to provide the correct materials to make a repair yourself.

Fiberglass or ABS Areas

The components such as the front cap area are made either with fiberglass or ABS materials. Exposure to sunlight, water, dust and chemicals can cause caulking, discoloration or yellowing.

- Proper maintenance of these areas will minimize these problems:
- Wash often with a mild detergent.
- Wax at least once a year with a wax that is specifically produced for fiberglass or ABS plastics.

Seams and Moldings

The sealants and adhesives used on the seams are formulated to remain waterproof under the sustained effects of the weather and road vibrations.

- At least every 90 days check all seams and moldings for missing areas, damages, scrapes, cuts or cracking.
- If there is evidence of missing areas damage, cuts or scrapes in either the sealant or adhesive please contact your dealer for repair or for the correct materials to make a repair yourself.

Emergency Escape Routes

Escape Hatch

It is located in the roof area to be used only in the event of an emergency and is equipped with release handles that open the hatch.

Note: Instructions are listed on the hatch. For everyone's safety frequently check for proper operations.

Optional Emergency Exit Egress window

- Can be identified by the "Emergency Exit" label on the glass and has two (2) red release handles.
- In an emergency release red handles, rotate them away from the window and push out to swing window up.
- To close reverse the operation make sure the window is tight against the frame.

Note: Instructions are on each window. For everyone's safety frequently check the operations.

- Daily inspect operations and mechanisms to ensure they are all in good working order. If any problems are found, have repaired immediately to help ensure the safety of your passengers.
- Latches and Mechanisms- Inspect for damage, worn or loose parts. Replace as necessary. Lubricate hard to move latches with white lithium grease.
- Emergency Decal- Check to see that the decals are in place and the instructions are legible. If decals are missing or cannot be clearly read call your dealer to order new.
- Seals- Inspect for damages and worn or loose areas and replace as necessary. Using a silicone based spray will clean and condition the seals
- Glass and Shrouding - Inspect for cracks and chips. Clean window with all-purpose glass cleaner and use a mild soap on the ABS shrouding.

 **CAUTION:** Emergency windows and escape hatch must be checked for proper operations before each trip. Someone could be serious injured and or/killed if the window or hatch operations failed and they were unable to escape the bus during an emergency.

 **CAUTION:** Never allow an emergency egress window or hatch to be open or opened when the unit is in motion. This could result in someone being seriously injured and/or killed.

Passenger Windows

Full View Curb Window

This window is located in front of the entry door curbside, which allows the driver to see the curb and any passengers in that area while in a seated position.

Window Maintenance

Daily check all moving parts on and around the window and latch areas. Daily inspect glass for damages, cracks or chips that could result from road debris, such as stones. Repair or replace the glass as necessary. Clean by using a standard glass cleaner or an ammonia based solution and a soft cloth to remove the road film and dirt.

Doors

The original factory driver's door is utilized on all models and the passenger door is also used on some models. All other entry doors are installed by L.A. West.

Door Emergency Release Handle

This release handle is used to disengage the electric door mechanism allowing the door to be manually opened in the event of a loss of power. It is located above the door and is marked by an "Emergency Exit" label with instruction on releasing. To release pull as directed on the label

 **CAUTION:** Do not move the bus if the Emergency Release Handle is not in the secured locked position. The door could open while driving and injure someone.

 **CAUTION:** Make sure the outer door area is clear. Doors open outwards which could cause anyone in that area to be struck by the doors causing injury.

Notice: Do not move the bus if the Emergency Release Handle is not in the secured locked position. The door could open while driving and damage to the door area.

Optional Remote Control

Your bus may be equipped with remote controls on your key fob to open and close your passenger entry door.

Rear Luggage Compartment

Your luggage compartment will have two courtesy lights.

Auxiliary Battery

The auxiliary battery location is typically on the driver side of the vehicle under the hood.

Maintaining the Doors

Before each trip inspect the door operations to ensure they are working properly. The following are items that need to be frequently inspected to ensure the doors remain in good working order.

- **Manual Door Operations-** Inspect daily the door mechanism for loose or damaged parts. Open and close to see that the door is moving smoothly closes properly and the door mechanism (handle) latches properly when closed. Repair, replace or adjust as necessary.
- **Electric Door Operations-** Inspect daily to ensure the door power mechanisms are working properly. Open and close the door using the console switch and then again using the remote control. If door is not operating properly have adjusted or repaired as necessary.
- **Emergency Door Release: (Red handle)-** Inspect daily to ensure that the door opens manually when the red handle is released. Then secure the handle and check interior and exterior switch operation.

Note: A daily inspection should be made to ensure the Emergency Door decal is in place. If missing or unreadable contact your dealer.

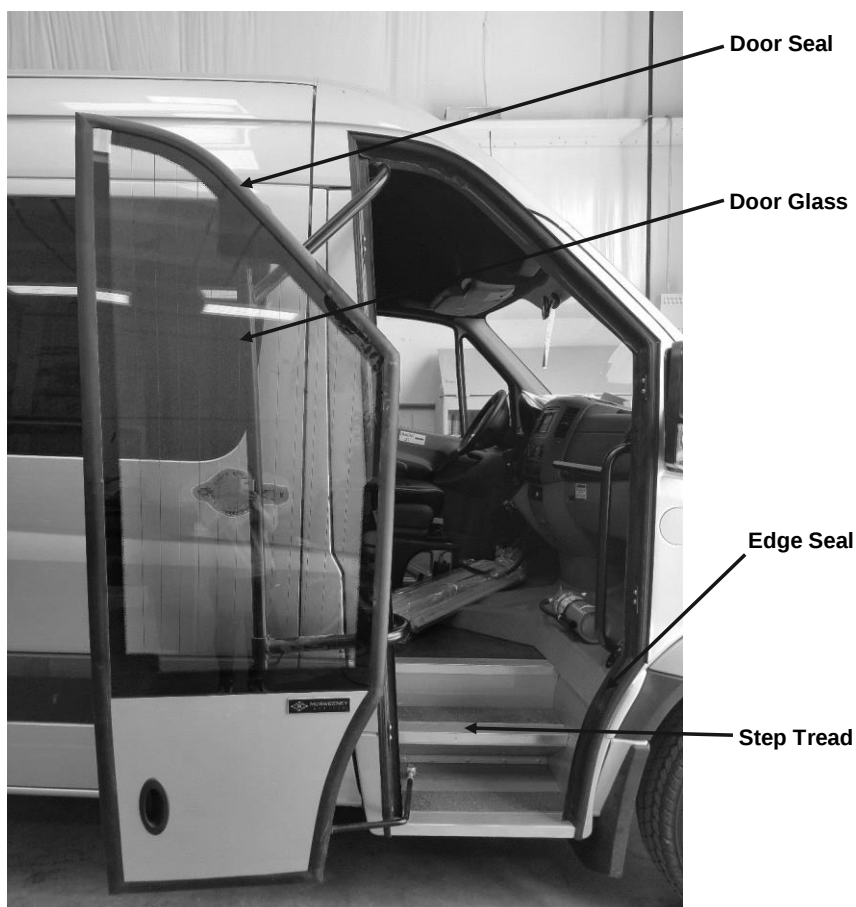
- **Door Alignment-** Check daily to ensure the door is closing properly and the seals are in proper alignment when closed. Check all nuts and bolts for tightness and have realigned as necessary.
- **Door Handle Operation-** Check daily, adjust or replace as necessary.
- **Lock Sets, Latches and Hardware-** Check daily for damage or worn areas, replace as necessary. Apply lubricants at least every 6 months. If vehicle is exposed to salt air lubricate more often.
- **Key Holes-** Lubricate with powdered graphite squirted directly in the keyhole.
- **Latches-** Lubricate with a white lithium grease applied on all attaching mechanisms
- **Hinges-** Lubricate with a silicone-based product directly applied to the hinges.
- **Door Pins-** Lubricate with a light machine oil.
- **Glass Panels/Windows-** Inspect daily for damage or looseness. Clean daily or as needed. Use a standard ammonia based solution or glass cleaner and a soft cloth to remove road film and dirt.
- **Brushes and Pivot Points-** Inspect daily for damaged, worn or loose parts. Tighten any loose areas such as bolts, hinges, pins, nuts etc. or replace parts as necessary.
- **Aluminum Components-** Clean as needed. Use a mild all-purpose cleaner and wipe dry.
- **Door Seals-** Check daily and replace if damaged or worn. Use a silicone based spray weekly to lightly coat the door seal surfaces.

- Rubber or Neoprene Extrusions- Check daily for cracks and worn areas replace as necessary. Clean regularly using a nonabrasive, noncorrosive all-purpose cleaner, followed by a vinyl protector.

⚠ **CAUTION:** Before each trip inspect the latches, handles, and mechanical operations of the Emergency Doors. If these items are not in proper working order and an accident occurred, someone could be trapped inside the bus resulting in serious injuries and/or death.

Door Components

Entry Door



Mirrors

- Mirrors should be properly adjusted so you can get the maximum view around and behind the vehicle.
- Manual mirrors need to be adjusted manually at the mirror head.
- Power and/or heated mirrors can be adjusted by pushing the switch on the interior console.
- Inspect daily to ensure that the mirrors heads brackets and support arms are secure and the bolts and mounting brackets are not damaged or loose. Secure or replace items as necessary.
- Adjust daily to ensure there is a clear view for the driver.
- Check power operations mechanisms where applicable. Adjust as necessary.
- Clean the glass with standard glass cleaner and the mirror head and brackets can be cleaned with a nonabrasive detergent.

Note: Using the heated portion of the mirror during warm weather can cause the convex mirror to become unglued and fall off.

Lower A/C Condenser Unit

This unit is located in the lower portion of the bus. Dirt leaves and debris can build up on the condenser which would restrict the efficiency of the unit.

- Inspect the unit daily for items that may be trapped in this area.
- By using a high-pressure air or water hose you should remove most items that may be trapped in this area.

Notice: To avoid damage to the unit be sure the engine is off and no power is supplied to the unit before attempting to clean.

Batteries/Battery Box

Read the information provided by the battery manufacturer as to the care maintenance and check point. This information is in your owner's information packet.

Underbody Area

Road debris, dirt and salt on the underbody can accelerate corrosion of the components under the vehicle such as the frame, suspension, exhaust parts, etc.

- Daily inspection for road debris, dirt and salt on the underbody should be performed. If necessary spray wash the underside of the bus with warm soapy water to remove the dirt, etc.

- Complete underbody inspection is recommended between every 12,000 to 15,000 miles. This check would include the complete framing, welds, out-riggers, exhaust system, mounting brackets as well as the complete suspension.

Wheels and Rims

Refer to the chassis owner manual for information on wheel replacement and torque specifications and additional information on care and maintenance.

- Daily Inspect for damaged or loose, missing or stripped mounting bolts and /or lug nuts. Repair or replace items as necessary and properly torque. A replacement wheel should have the same load carrying capacity, diameter, width, offset and mount as the one replacing.
- To clean wheels using a wheel cleaner diluting the products 50% before using, and rinsing completely is recommended to prevent discoloration or peeling of the wheel covers.
- To clean aluminum wheel covers use a mild detergent and warm water or an aluminum cleaner specifically made for wheel covers. Do not use abrasive cleansers.

 **CAUTION:** Using the wrong replacement wheels, bolts or nuts can affect the braking and handling of your vehicle. Using wrong replacement wheels can also cause the tires to lose air possibly causing the loss of vehicle control resulting in a serious accident.

 **CAUTION:** Check lug nuts for proper torque value after rotations as loose lug nuts could cause the wheel to become loose and possibly fall off.

Tires

Refer to the manufacturers owner's manual for more information on care, maintenance and other tire specifications. Rotate as recommended by the tire and/or chassis manufacturer.

- Daily inspect for the wear/tear, cuts, punctures, bulges, damage, tread separation, damaged valve stems and/or missing valve caps replace as necessary.
- Tire pressure should be checked at least once a month or especially before a long trip.
- To clean tire using a tire cleaner diluting the products 50% before using, and to rinsing completely to prevent discoloration or peeling of the wheel covers, is recommended.

 **CAUTION:** Under inflated tires can cause the tire to overheat. This can result in the tire losing air suddenly and/or catching on fire. Under inflated tires can result in poor handling which could result in a serious accident.

 **CAUTION:** Over inflated tires are more likely to be cut, punctured or broken by sudden impact (such as a pothole) and result in a serious accident. Check all tires frequently to maintain the recommended air pressure.

 **CAUTION:** Overloading your vehicle can cause your tires to overheat resulting in too much friction. This can cause an "air-out" resulting in a serious accident.

⚠ CAUTION Mixing different sizes or types of tires (radial and bias-belted) can cause the vehicle to handle improperly which could cause you to lose control while driving resulting in a serious accident. You must use the same size and types of tires on all wheels.

Notice: Failure to keep the tires properly inflated can cause needless wear of tires.

Optional Custom Paint Graphics

Custom paint should not be waxed within 90 days of the manufacture production date of the bus. The complex chemistry of today's automotive paints continues to cure and harden during this time.

- After its final curing period, a high-quality hand-applied wax designed for automotive finishes may be used on the body and fiberglass parts.
- It is recommended to wax the unit at least every 6 months to enhance and protect the paint.

Notice: Applying a wax within 90 days of the manufacture's production date can result in damaging the integrity of the paint.

Optional Vinyl Graphics

To avoid the possibility of damaging the vinyl graphics, do not clean with any solvent or cleaner other than a mild detergent designed for automotive finishes.

- Mechanical powered spray washer should not be used directly on the vinyl graphics.
- Automotive wax should not be applied to the tape; it may result in an unattractive buildup to the color.

Notice: Using a high-powered spray washer directly on the vinyl graphics could result in tearing or lifting of the vinyl graphics.

Destination Signs (if equipped)

A destination signs will be located in the overhead cab. The sign can be done with a decal adhered on the inside of the plexiglass or a digital sign route.

- For a lighted sign be careful not to scratch the sign or plexiglass when changing the bulb.
- The plexiglass can be cleaned with a warm soap and water based solution or a standard glass cleaner.
- All service on digital signs must be performed by an Authorized L.A. West Dealer.



Interior Components and Operations

This section explains the features of the interior components and will help you become familiar with operations, procedures and recommended care and maintenance.

Walls and Ceilings

- Your unit may be equipped with either vinyl covered luan panels or panels that are covered with coordinating fabrics. Attachments may differ depending on the application.
- Daily inspect the walls and ceiling for small tears, excess wear and damages. Have repaired as necessary.
- Inspect the fastener and/or securement for loose or missing parts. Have secured or replace as necessary.
- Vinyl Covered Luan Panels- Clean with a soap and water solution or for stains and heavy soiled areas you can use a vinyl cleaner.
- Fabric Panels- Clean by vacuuming or with a warm water and soap solution. If using a spray fabric cleaner be sure to test a small area to make sure it is color safe before using throughout.

Optional Stanchion/Modesty Panel or Grab Rails

- Daily inspect all attachments making sure all mounting bolts and screws are intact and secure. Replace any missing or damaged items and tighten any loose areas.
- Stainless steel- To clean wipe down with a damp cloth of warm water and soap solution and dry completely. Window cleaner may also be used, be sure to dry completely after cleaning.
- Vinyl Covered Luan Panels- Clean with a soap and water solution or for stains and heavy soiled areas you can use a vinyl cleaner.
- Fabric Panels- Clean by vacuuming or with a warm soap and water solution. If using a spray fabric cleaner be sure to test a small inconspicuous area to make sure it is color safe before using throughout.

 **CAUTION:** Daily check the attachments for the stanchions and grab rails. The continual use as support could allow the screws and attachments to become loose. Loose attachments and or screws could cause someone to lose their balance and fall injuring themselves or others.

Flooring

Commercial bus flooring is typically glued on the plywood floor in the aisle and step area and under the seats.

Note: There are many different options that apply such as smooth rubber, carpeting and or rubber throughout, but all are glued into place.

- Inspect flooring daily for cuts, tears, damages or lifted or frayed areas for carpeting and rubber flooring. Repair or replace as necessary.
- Flooring- Clean the flooring with a warm soap and water solution scrub rinse and dry. Do not allow the solutions to stay on or soak on the flooring for a long period of time. This could damage the flooring.
- Carpeting- Vacuum as necessary. Small spots can be cleaned by using a soap and water solution and a scrub brush. If using carpet cleaner test a small area to ensure it will not cause damage to the color.

Interior Luggage Racks (if equipped)

Your bus may be equipped with a free standing luggage rack(s) or overhead luggage racks. The framing rails for the luggage racks are steel with either fabric/carpet covered plywood for the shelving portion (base where luggage sits) depending on type of unit.

- It is the driver's responsibility to ensure the luggage is secured properly before putting the bus in motion make sure that luggage is secured and is not hanging over the edges. If not properly secured luggage could fall during the ride or a passenger could walk into the items hanging over the edges.
- Daily inspect the racks to ensure that the attachments bolts, screws, mounting hardware and panels are intact and secure. Replace any missing or damaged items and secure any loose items or panels.
- Routinely inspect lights for proper operation. Replace bulbs or fixtures as needed.
- Lights Lens- Clean using a standard window cleaner.
- Stainless Steel- Clean using a solution of mild soap and warm water and dry completely.
- Panels- Clean with a soap and water solution or for stains and heavy soiled areas you can use a vinyl cleaner.

 **CAUTION:** Before moving the vehicle check to see that the luggage in the overhead compartments and/or the open-style luggage rack is secure and is not hanging over the railing. Luggage and other objects that are not secure could fall.

 **CAUTION:** Reposition any item that is hanging over or sticking out past the railing/racking system into the aisle. Someone walking past these items could be hit and injured.

Electrical Systems

Using switches located on your console you can easily control all the functions for the lights, electronics, heat and air. The electronics are accessible by controls located overhead.

Factory Installed Lights, Signals and Equipment

The information for care and maintenance for the factory installed components such as the dashboard lights and gauges including horn, turn signals, headlights, fuses, circuits, bulbs wiring etc. can be found in the chassis owner's manual provided with your unit.

It is recommended that a daily inspection of the headlights, turn signals, warning lights, etc. be performed and any faulty items be replaced or repaired as needed.

Switch Panel

Depending on the option content in your unit you may find a variety of toggle switches, indicator lights and the A/C Knobs, each is labeled as to its function.

Switches

To operate simply press the corresponding switch for the function desired.

Light Switch: Activates the lights above the passenger's seats. This will activate the overhead passenger lights and the fluorescent lights if both available.

Door Switch: Activates the electric door controls, press once to open or close.

Heated Remote Mirrors: Controls the heating function for the mirrors.

Passenger Door Defrost Feature: The OEM rear defrost switch controls the defrost feature on the passenger entry door.

Air Conditioning Control

A digital control is typically located in the front headliner panel.



Switch Panel Maintenance and Care

- A daily inspection of the interior lights, including reading lights, step well lights, entry lights and any emergency lights should be completed.
- Electric Door switch: Open and close the electric door with the inner switch as well as the remote control. If the door is not moving correctly or the switch does not activate the door check the Emergency Door release to make sure it is secured properly. If it is still not working contact your local dealer.
- Heat and or A/C controls: Turn on check each level of the switches to see that they function properly when activated.

Electronic Audio/Video Systems

There are different sizes and styles of TV Monitors, Video Players and/or Radios which are connected to the speaker system and can be controlled at the units or by a Voyager System, if installed. The electronics may be located overhead or beside the driver seat.

Owner's manuals for each individual component can be found in the information packet supplied with your vehicle. Review the individual manual for proper operations and maintenance.

Typically, the in dash radio unit also provides the video source for TV's and monitors.

Air Conditioning System

Factory Air Conditioning System

Your vehicle is equipped with the factory in-dash air conditioning system. Operations and maintenance will be found in the manufacturers owner's manual located in your information packet.

Fast Idle

The fast idle is designed to optimize the performance of your heating and air conditioning while the bus is idling.

- Before you can activate the fast idle, the vehicle needs to be running and the emergency brake needs to be engaged.
- Press the fast idle switch on the console to start the fast idle.
- To disengage the fast idle press on the brake pedal. You will still need to release the emergency brake before driving.

Seating

Passenger Rear Seats

Note: The number of seats for each model varies according to the order, the length of the bus and other factors, such as Gross Vehicle Weight etc. (listed on your front door jamb). The number of seats determines the number of passengers allowed. The tag on the driver's door jamb notes the number of seat positions for the vehicle.

There are several styles and types of rear passenger seats that can be provided for your unit. You may have one or more of the following features provided in your bus.

The seat frames are attached to the seat track mounted into the floor area.

Armrest

Flip Style

To use simply lift the arm and push upward. To reposition for use, push the armrest down.

Fold-down Style

“Non-use Position” (folded completely down) pull arm backwards and then push the arm down.

“Use Position” pull arm up until it clicks and locks into place.

Seat Recline/Side Release Handle

1. Grab hook-shaped lever located on the outer seat bottom cushion.
2. Pull the handle up and lean back or forward until you reach the desired position.
3. Release handle to lock in to place.

Other Types of Seating and Seating Operations

Side Slide Seat to slide the seats out for more room

1. Grab the slide handle located under the seat.
2. Push the handle toward the inner side of the seat(s).
3. Push outward or inward depending on the position desired.
4. Release the slide handle to lock into position.

Flips Seats

To flip seat bottom up or down

1. Grab the handle under the front corner of seat and pull forward.
2. Pull seat to upright position and release the handle to lock in place.

To release seat

1. Grab the handle.
2. Pull forward lower the cushion and release handle to lock into place.

Seating Care

Driver Seat and Passenger Seat Areas

Daily inspect the mounting bolts for seats and when applicable seat belts. Make sure they are intact and tight and that seat belts work properly. Replace any damaged and/or secure any loose hardware.

Seat Fabrics

Daily inspect the seats for ripped, torn, frayed or damaged areas. Replace or repair as necessary. Regular cleaning, at least once a month, can prolong the life of the fabrics.

Vinyl Covered Seats can be cleaned by using mild vinyl cleaner or a soap and water solution followed by rinsing and wiping down the seats. Other cleaners may damage fabrics, such as causing the vinyl to dry and can cause cracking of the material. Read the label information carefully.

Fabric Covered Seats can be cleaned by using a vacuum, clean spots with a soda and water solution recommended for fabrics. To remove odors and or deep clean the fabrics you can use a steam cleaner.

Wheel Chair Lifts

Your vehicle may be equipped with a commercial wheel chair lift. The lift is controlled by a power switch and a hand held control box. To operate the lift, the vehicle must be in "park" with the emergency brake engaged.

*See Lift Manufacturer Operating Instructions.

Wheel Chair Restraints and Securement

There are different types of restraint that could be used in your vehicle. Due to the different applications check your operation manuals and other instructions for each individual system.

Daily inspect the mounting bolts, hardware and securement belt. Immediately secure any loose bolts or mounting brackets as well as replacing any damaged, torn or frayed belts.

 **CAUTION:** Read the operation instructions for proper attachment and positioning for the chair and belts. Read all the safety information. Improper attachments and/or positioning of the seat belt could cause injuries to the passenger.

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you may notify the National Highway Traffic Safety Administration (NHTSA) in addition to notifying L.A. West, Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or L.A. West, Inc.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to:

Administrator
NHTSA
400 Seventh Street SW
Washington, DC 20590

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