

AIRSTREAM®

OWNER'S MANUAL

2026

INTERSTATE®

Tommy Bahama® 24



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User Guide Videos and Airstream Academy

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WARNING

Operating, servicing and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle

California Consumers

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All information, illustrations and specifications contained in this manual are based on the latest product information available at the time of publication approval. If and when new materials and production techniques are developed that can improve the quality of its product, or material substitutions are necessary due to availability, Airstream reserves the right to make such changes.

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Section 1 INTRODUCTION

The Owner's Manual for your new Airstream Touring Coach is designed to respond to the most frequent inquiries regarding the operation, function, and care of the many systems that make modern motorhoming a joy.

The Airstream Touring Coach is integrated into a Sprinter Van, designed and manufactured by Mercedes-Benz. Operation of the Sprinter, its engine, power train, and other related components are discussed in the Mercedes-Benz Sprinter Operator's Manual and other literature provided by Mercedes-Benz. Those systems discussed in the Sprinter literature are warranted by Mercedes-Benz or their suppliers.

Airstream realizes our customers possess varying degrees of expertise in the area of maintaining and repairing the appliances in their touring coach. For this reason, the service and trouble-shooting information found in this manual is directed toward those with average mechanical skills. We also realize you may be more familiar in one area than you are in another. Only you know your capabilities and limitations.

We want you to use this manual, and hope you will find the information contained in it helpful; however, should you ever feel you may be "getting in over your head," please see your dealer to have the repairs made.

The operation and care of component parts such as, refrigerator, heating and hot water system and others are briefly explained in this manual.

All information, illustrations, and specifications contained in this manual are based on the latest product information available at the time of publication approval. Airstream reserves the right to make changes if and when new materials and/or production techniques are developed that can improve the quality of its product, or when material substitutions are necessary due to availability.

Optional items may be available on all, or particular models. Additionally, some optional items can only be included during the manufacturing phase and cannot later be added to the touring coach. The inclusion of optional items information in this manual does not imply or suggest the availability, application, suitability, or inclusion for any specific unit.

WARNING

Your Mercedes-Benz Sprinter Van Operator's and Warranty Manuals contain important cautions, warnings, operational, and warranty information on the Sprinter and its components. All information in the Sprinter manual should be reviewed and followed for your safety. The Airstream Owner's Manual may provide additional information and tips on the use of the van as a touring coach; however, no information in the Airstream manual should be interpreted as advice or directions to disregard or void the warnings, cautions, or other information contained in the Sprinter's manuals.

Airstream uses the  safety alert symbol and signal words Danger, Warning, and Caution to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death. The following are examples of each type of signal word, safety message, and information message found throughout this manual.

DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates a potential situation which, if not avoided, may result in damage to your Airstream. Addresses practices not related to personal injury.

NOTE

Provides noteworthy information and tips about your Airstream.

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Section 2 SAFETY

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Safety Precautions

Many things can be construed as safety related, but the most important is your common sense. If you are careless with matches, cigarettes, flammable material, or any other hazardous material, you surely realize your potential for accidents is greatly increased.

You will find many safety recommendations in this section and throughout the manual. The following recommendations are the ones we consider to be the most important.

Weight Distribution

Touring coach's have fresh water and waste water tanks, a water heater, and storage areas. It gives you great flexibility in loading. With flexibility comes responsibility. If you want to load down all the storage compartments, the amount of fluids may have to be reduced. It is a trade off so plan wisely. Distribute your additional cargo as evenly as possible with the heaviest objects located as low as possible. For detailed information on loading and weight distribution, [see Loading on page 8-2](#).

Tire Safety

Properly maintained tires improve the steering, stopping, traction, and load-carrying capability of your vehicle. Be sure to read the Tire Safety information included in your vehicle Owner/Operator Manual. In addition, [see Tire Care on page 9-3](#).

Electrical Appliances and Outlets

Improper handling of electrical components can be fatal. Do not touch or use electrical components or appliances with bare feet, while hands or feet are wet, or while standing in water or on damp ground.

Diesel Operated Systems

The hydronic heating/hot water system and touring coach engine run on diesel fuel. Do not start the hydronic system or the vehicle engine in closed garages or other enclosed or confined areas. For more information, [see What Is Carbon Monoxide on page 2-5](#) and [see Diesel Exhaust on page 2-7](#).

Mold

Mold and mold spores exist throughout indoor and outdoor environments. There is no practical way to eliminate all mold and mold spores in the indoor environment; however, the way to control indoor mold growth is to control moisture; [see What factors contribute to mold growth on page 3-9](#)

Chemical Sensitivity and Ventilation

Chemical Sensitivity

Immediately after the purchase of your new recreational vehicle and sometimes after it has been closed up for an extended period of time, you may notice a strong odor and/or experience a chemical sensitivity. This is not a defect in your recreational vehicle. Like your home, there are many different products used in the construction of recreational vehicles, such as carpet, linoleum, plywood, insulation, upholstery, etc. Formaldehyde is also the by-product of combustion and numerous household products, such as some paints, coatings, and cosmetics. However, recreational vehicles are much smaller than your home and therefore, the exchange of air inside a recreational vehicle is significantly less than in a home. These products, when new or when exposed to elevated temperatures and/or humidity, may off-gas different chemicals, including formaldehyde. This off-gassing, in combination with the minimal air exchange, may cause you to experience irritation of the eyes, nose, and throat, as well as sometimes headache, nausea, and a variety of asthma-like symptoms. Elderly persons and young children, as well as anyone with a history of asthma, allergies, or lung problems, may be more susceptible to the effects of off-gassing.

Formaldehyde

Formaldehyde is a naturally occurring substance and is an important chemical used widely by industries to manufacture building materials and numerous household products. It is also a by-product of combustion and certain other natural processes. Thus, it may be present inside the touring coach. Ventilation of the unit normally reduces the exposure to a comfortable level.

Trace levels of formaldehyde are released from smoking, cooking, use of soaps and detergents, such as carpet shampoos and cosmetics, and many other household products. Some people are very sensitive to formaldehyde while others may not have any reaction to the same levels of formaldehyde. Amounts released decrease over time.

Your Airstream touring coach was manufactured using low formaldehyde-emitting (LFE) wood products, the use of which is typical in the recreation vehicle industry. Formaldehyde has an important role in the adhesives used to bind wood products used in recreation vehicles. The wood products in your coach are designed to emit formaldehyde at or lower than industry guidelines and should not produce symptoms in most individuals.

While LFE wood products typically do not emit formaldehyde at a level that would cause symptoms in most individuals, it is possible, though not likely, for symptoms to occur when the touring coach is not properly ventilated. Ventilation is an essential requirement for touring coach use for many reasons. Any effects of formaldehyde can be greatly reduced by actions such as opening windows, opening roof vents, running the air conditioner, or some combination thereof. In addition, the emission of formaldehyde by these products naturally decreases rapidly over time.

Airstream strongly suggests you take measures to properly ventilate your touring coach on a regular basis. If you have any questions with respect to proper ventilation of your touring coach, please do not hesitate to contact your dealer or Airstream.

Ventilation

To reduce or lessen exposure to chemicals from off-gassing, it is of the utmost importance that you ventilate your recreational vehicle. Ventilation should occur frequently after purchase and at times when the temperatures and humidity are elevated. Remember, off-gassing is accelerated by heat and humidity. Open windows, exhaust vents, and doors. Operate ceiling and/or other fans, roof AC, and use a fan to force stale air out and bring fresh air in. Decreasing the flow of air by sealing the recreational vehicle increases the formaldehyde level in the vehicle's indoor air.

Do Not Smoke

It is recommended you do not smoke inside your recreational vehicle. In addition to causing damage to your recreational vehicle, tobacco smoke releases formaldehyde and other toxic chemicals.

Medical Advice

Questions regarding the effects of formaldehyde on your health should be submitted to your doctor or local health department.

Alarms and Detectors

Parts of this section on the combination Smoke/Carbon Monoxide Detector are a reprint of the manual included with the device and provided to you in the Airstream owner's packet.

Carefully read and understand the contents of the provided instruction manual before using the detector. Store the manual in a safe place for future reference. Pay particular attention to the safety warnings. Pass the manual on to any subsequent users of the alarm.

If you have not received the manual, contact your dealership to obtain one, or contact Airstream Customer Relations at 937-596-6111.

⚠ WARNING

Dangers, Warnings, and Cautions alert you to important operating instructions or to potentially hazardous situations. Pay special attention to these items.

Smoke Alarm/Carbon Monoxide Detector



Smoke Alarm

Power/Smoke LED: Flashes RED

Horn: 3 BEEPS, pause, 3 BEEPS, pause

CO LED: Off

Carbon Monoxide Alarm

CO LED: Flashes RED

Horn: 4 BEEPS, pause, 4 BEEPS, pause

Power/Smoke LED: Off

⚠ WARNING

If either alarm sounds, exit immediately and call the Fire Department. In the event of a carbon monoxide alarm, exit immediately and move everyone to a source of fresh air. Do not remove the batteries.

Batteries Low

The Smoke/Carbon Monoxide Detector will “chirp” once a minute for at least 30 days when the batteries are weak. The battery must immediately be replaced with a fresh one. The unit may beep briefly when you install the batteries. This is normal. The GREEN light flashes about every 60 seconds when the unit is receiving battery power.

⚠ WARNING

Smoke/Carbon Monoxide detectors have a limited life. The unit should be replaced immediately if it is not operating properly. You should always replace an alarm after 5 years from the date of purchase. Write the purchase date on the space provided on the back of unit.

⚠ WARNING

This product is intended for use in ordinary, indoor locations of family living units. It is not designed to measure compliance with occupational safety and health administration (OSHA) commercial or industrial standards. Individuals who are at special risk from Carbon Monoxide exposure by reason of age, pregnancy, or medical condition may consider using warning devices which provide audible and visual signals for Carbon Monoxide concentration under 30 ppm. If in doubt, consult your medical practitioner.

⚠ WARNING

Activation of your Carbon Monoxide alarm's audible horn indicates the presence of Carbon Monoxide that can kill you. Leave the area immediately!

This Carbon Monoxide Detector Is Not

- Designed to detect any gas other than Carbon Monoxide.
- To be seen as a substitute for the proper servicing of fuel-burning appliances.
- To be used on an intermittent basis, or as a portable alarm for spillage of combustion products from fuel-burning appliances.

⚠ WARNING

This Carbon Monoxide detector is designed for indoor use only. Do not expose to rain or moisture. Do not knock or drop the alarm. Do not open or tamper with the alarm as this could cause malfunction. The detector will not protect against the risk of Carbon Monoxide poisoning when the batteries are dead or missing. The alarm will only indicate the presence of Carbon Monoxide gas at the sensor. Carbon Monoxide gas may be present in other areas.

Important Safety Precautions

- Ideally, it is recommended that a Carbon Monoxide detector should be installed in or near every room that has a fuel burning appliance such as any room heaters, water heaters, cookers, grills, etc.
- Ensure that the alarm horn can be heard by all those who are intended to hear it. Seek medical help if it is suspected that a user of the RV is suffering from Carbon Monoxide poisoning.
- If the alarm sounds, make sure to investigate the problem. Ignoring the alarm may result in sickness, injury or death. (CO may be present even if nothing is seen or smelled by the user.)
- Room spaces should be well ventilated when household cleaning supplies are used as these may cause a false alarm.
- Alarm should be tested once per week. If further details are required, which do not appear in this manual, contact BRK Brands Inc. First Alert.

What Is Carbon Monoxide

Carbon Monoxide (CO) is a highly poisonous gas that is released when fuels are burned. It is invisible, has no smell, and is therefore very difficult to detect with the human senses. Under normal conditions, in a room where fuel-burning appliances are well maintained and correctly ventilated, the amount of CO released into the room by appliances is not dangerous.

These fuels include wood, coal, charcoal, oil, natural gas, gasoline, diesel fuel, kerosene, and propane. Common appliances are often sources of CO. If they are not properly maintained, are improperly ventilated, or malfunction, CO levels can rise quickly. CO is a real danger in air-tight vehicles with added insulation, sealed windows, and other weatherproofing that can trap CO inside.

Conditions that can result in potentially dangerous CO situations

1. Excessive spillage or reverse-venting of fuel-burning appliances caused by outdoor conditions, such as:
 - Wind direction and/or velocity, including high gusts of wind.
 - Heavy air in the vent pipes (cold/humid air with extended periods between cycles).
 - Negative pressure differential resulting from use of exhaust fans.
 - Simultaneous operation of several fuel-burning appliances competing for limited internal air.
 - Vent-pipe connections vibrating loose from clothes dryers, furnaces, or water heaters.
 - Obstructions in or unconventional vent-pipe designs which can amplify the above situations.
2. Extended use of un-vented fuel burning devices.
3. Temperature increase that can trap exhaust gases near the ground.

Symptoms of Carbon Monoxide Poisoning

- Mild Exposure - Slight headache, nausea, vomiting, fatigue (flu-like symptoms).
- Medium Exposure - Throbbing headache, drowsiness, confusion, fast heart rate.
- Extreme Exposure - Convulsions, unconsciousness, heart and lung failure. Exposure to CO can cause brain damage and/or death.

⚠ WARNING

The Smoke/CO detector is shipped with batteries deactivated. Ask your dealer to activate batteries or activate batteries immediately upon delivery. Failure to follow this warning will remove your protection.

⚠ DANGER

Many causes of reported CARBON MONOXIDE POISONING indicate that while victims are aware that they are not well, they become so disoriented that they are unable to save themselves by either exiting the area or calling for assistance. Also young children and pets may be the first to be affected.

⚠ WARNING

Test Units in your touring coach after the vehicle has been in storage, before each trip, and at least once a week while in use. If the alarm ever fails to test correctly, have it replaced immediately. If the alarm is not working properly, it cannot alert you to a problem. Failure to test units used in RVs as described may remove your protection.

Regular Maintenance of Smoke/CO Detector

The Smoke/CO detector has been designed to be as maintenance-free as possible, but there are a few simple things you must do to keep it working properly. Use replacement batteries as indicated in the manual included with the device and provided to you in the Airstream owner's packet. The unit may not operate properly with other batteries. Never use rechargeable batteries since they may not provide a constant charge.

Testing the Smoke/CO Detector

PRESS and HOLD the TEST/SILENCE button 3-5 seconds until the unit starts to alarm. During testing, you will see and hear the following sequence:

- The Horn will sound 3 BEEPS, pause, 3 BEEPS. The Power/Smoke LED flashes Red and the CO LED will be Off.
- Next the Horn will sound 4 BEEPS, pause, 4 BEEPS. The Power/Smoke LED will be Off and the CO LED flashes Red.
- Test it at least once a week.
- Clean the Smoke/CO Alarm at least once a month: gently vacuum the outside of the alarm using your household vacuum's soft brush attachment. A can of clean, compressed air (sold at computer or office supply stores) may also be used. Follow manufacturer instructions for use. Never use water, cleaners, or solvents, since they may damage the unit.
- If the alarm becomes contaminated by excessive dirt, dust, and/or grime, and cannot be cleaned to avoid unwanted alarms, replace the unit immediately.

WARNING

The battery door will resist closing unless batteries are installed. This warns you that the unit will not operate without batteries.

DANGER

Carbon Monoxide is poisonous and can cause confusion, unconsciousness, and death. Follow all instructions, cautions, and warnings in this section.

WARNING

NEVER ignore any alarm. Failure to respond can result in injury or death. The Silence Features are for your convenience only and will not correct a problem. Always check your touring coach for a potential problem after any alarm. Failure to do so can result in injury or death.

Diesel Exhaust

Engine and Hydronic Heating and Hot Water System Safety

The touring coach engine and hydronic heating/hot water system run on diesel fuel and expel exhaust fumes externally. To avoid unsafe conditions or exposure to fumes and safely run the engine and hydronic system:

1. DO NOT run the engine or hydronic heating/hot water system in an enclosed building or a partly enclosed area such as a garage.
2. DO NOT operate the engine or hydronic heating/hot water system when parked close to objects that could block the exhaust and force fumes inside; examples include thick vegetation, snow, buildings, and other vehicles.
3. DO NOT operate the engine or hydronic heating/hot water system when parking the vehicle in high grass or brush. The heat from exhaust system components could cause a fire in dry conditions.
4. DO NOT touch any part of either exhaust system when the engine or hydronic heating/hot water system is running or immediately after shutting off. The heat coming off exhaust systems can cause burns. Allow the exhaust(s) to cool before attempting maintenance or service.

DANGER

Diesel engines produce carbon monoxide. Exposure to diesel exhaust fumes may cause headaches, nausea, chest tightness, wheezing, cough, and irritation of the eyes, nose, and throat, and in high concentrations can be fatal.

WARNING

Hot exhaust system components can cause burns if touched, even briefly.

Fire Extinguisher



The fire extinguisher should be checked for charge on a regular basis. Make sure your family knows how to release the extinguisher storage bracket and how to properly operate the extinguisher. Check with your local fire department for professional advice on its operation and use if you find the directions on the extinguisher unclear. They will be able and willing to assist you and your family.

WARNING

Read the directions carefully on the fire extinguisher. If there is any doubt on the operation you and your family should practice, then replace or recharge the extinguisher. You will find your local fire department will be happy to assist you and answer any questions.

WARNING

Do not smoke inside the touring coach. Keep matches out of reach of small children. Do not bring flammable liquids inside the RV or clean with flammable material. Keep flammable materials away from open flame. We have all heard these warnings many times, but they are still among the leading causes of fires.

Emergency Exits

There are three avenues of escape from the touring coach in the event of an emergency, the driver's door, the passenger door, and the rear doors. As always, safety should be one of your top priorities. Make sure you and everyone traveling with you can operate these doors and exit rapidly without light. A little planning and a quick practice session at each camping site is well worth the time it may take.

DANGER

At each campsite, make sure you have not parked in such a manner as to block the operation of the doors or the escape avenues by being too close to trees, fences, or other impediments. Scenic views are one reason for traveling, but do not park so the beautiful lake or steep cliff is just outside your doors. Do not block access to the doors from the inside or outside of the vehicle.

Safety

As always, safety should be a top priority. Ensure that you, and everyone traveling with you, can quickly operate the main and rear doors in the dark. Plan for other means of escape in case these designated exits are blocked.

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Section 3 GENERAL INFORMATION

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General Information

2-Year Airstream Limited Warranty

AIRSTREAM®

1001 West Pike St., Jackson Center, OH 45334-0629

2026 INTERSTATE

2-YEAR AIRSTREAM

LIMITED WARRANTY

Delivery Date: _____

Airstream Serial Number: _____

Chassis Serial Number: _____

PURCHASED BY: _____

PURCHASED FROM: _____

Name: _____

Dealer Name: _____

Address: _____

Address: _____

City/State: _____ Zip: _____

City/State: _____ Zip: _____

THIS LIMITED WARRANTY COVERS: (i) The first retail owner and any subsequent owners for a period of 2 years; (ii) ONLY those portions of a NEW motorhome not excluded under the section "What is Not Covered," when sold by an authorized dealership and used for its intended purpose of recreational travel and camping; and, (iii) ONLY defects in workmanship performed and/or materials used to assemble those portions of your motorhome not excluded under the section "What is Not Covered." "Defect" means the failure of the workmanship performed and/or materials used to conform with the design and manufacturing specification and tolerances of Airstream. This Limited Warranty is transferable, and the subsequent owner's warranty coverage period shall be the unexpired balance of the original warranty coverage period. A completed copy of the Warranty Transfer Form must be submitted to Airstream at the time of resale.

When you request and accept the performance of warranty repairs under the terms of this Limited Warranty, you are accepting all terms of this Limited Warranty, including by way of example, warranty limitations and disclaimers, the forum selection clause and the clause reducing the time period when suit must be filed for breach.

If any term or condition in this Limited Warranty conflicts with your state's Uniform Commercial Code ("UCC") as interpreted by courts within your state, the provisions of your state's UCC are varied as allowed for by USS 1-302.

COVERAGE ENDS: 24 months after the first retail owner first takes delivery of the motorhome from an authorized dealership. Delivery occurs when the retail owner takes physical possession of the motorhome or has alterations done to it, whichever occurs first. ANY ACTION FOR BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTIES MUST BE COMMENCED NOT MORE THAN 25 MONTHS AFTER DATE OF DELIVERY. Some states do not allow the reduction of the time when a breach of warranty claim must be commenced, so the reduction in time when a breach of warranty claim must be commenced may not apply to you.

LIMITATION OF IMPLIED WARRANTIES: IMPLIED WARRANTIES ARISING UNDER APPLICABLE LAW, IF ANY, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED IN DURATION TO THE TERM OF THIS WARRANTY AND ARE LIMITED IN SCOPE OF COVERAGE TO THOSE PORTIONS OF THE MOTORHOME COVERED BY THIS WARRANTY. THERE ARE NO EXPRESS WARRANTIES OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY ON THOSE PORTIONS OF THE MOTORHOME EXCLUDED FROM COVERAGE. There is no warranty of any nature made by Airstream beyond that contained in this Limited Warranty. No person has authority to enlarge, amend, or modify this Limited Warranty. The dealer is NOT Airstream's agent. Airstream is not responsible for any undertaking, representation, or warranty made by any dealer or others beyond those expressly set forth within this Limited Warranty. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

DISCLAIMER OF INCIDENTAL AND CONSEQUENTIAL DAMAGES: Airstream disclaims any and all incidental and consequential damages, including but not limited to expenses such as transportation to and from dealerships and Airstream repair facilities, loss of time, loss of pay, loss of use, inconvenience, commercial loss (including but not limited to lost profits), towing charges, bus fares, vehicle rental, service call charges, gasoline expenses, incidental charges such as telephone calls and facsimile transmissions, and expenses for lodging and moisture damage such as mold and mildew as well as rust and corrosion. This disclaimer is independent of any failure of the essential purpose of any warranties provided with the motorhome and shall survive any determination that a warranty failed of its essential purpose. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

REPAIR REMEDY: Airstream's sole and exclusive obligation is to repair any covered defects discovered within the warranty coverage period if: (1) within 10 days of your discovery of a defect, you notify Airstream OR an authorized dealership of the defect; AND (2) you deliver your motorhome to Airstream OR an authorized dealership at your cost and expense.

BACK-UP REMEDY: If the primary repair remedy fails to successfully cure any defect after a reasonable number of repair attempts, your sole and exclusive remedy shall be to have Airstream pay an independent service shop of your choice to perform repairs to the defect, which requires the exercise of good faith. If you select an independent service shop, you must notify Airstream to allow it to work directly with the service shop to have repairs performed. The repair remedy and the back-up remedy MUST both be exhausted AND these remedies must fail to fulfill their essential purpose before you can seek other legal or equitable remedies for breach of this express warranty or for breach of any implied warranty. THIS LIMITED WARRANTY IS NOT A WARRANTY THAT PROMISES OR EXTENDS TO FUTURE PERFORMANCE BECAUSE THE WARRANTY DOES NOT MAKE A REPRESENTATION ON HOW YOUR MOTORHOME WILL PERFORM IN THE FUTURE BUT INSTEAD REPRESENTS ONLY WHAT THE REMEDY WILL BE IF A DEFECT EXISTS.

Unless prohibited by state law, repairs will not extend the time when you must commence a breach of warranty claim and shall not extend the warranty coverage period. Any performance of repairs after the warranty coverage ends OR any performance of repairs to those portions of your motorhome excluded from coverage shall be considered "good will" repairs. Warranty repairs should be expected. Airstream may use new and/or remanufactured parts and/or components of substantially equal quality to complete a repair. Damage to interior or exterior surfaces, trim, upholstery, and other appearance items may occur at the factory during assembly, during delivery of the motorhome to your selling dealer or on the selling dealer's lot. Normally, any damage is detected and corrected at the factory or by the selling dealer during the inspection process. If you discover any damage when you take delivery of your motorhome, you MUST notify your dealer OR Airstream within 10 days of the date of purchase to have damage repaired at no cost to you. Minor adjustments, such as adjustments to the interior or exterior doors, drawers, and latches will be performed at no cost to you by your selling dealer during the first 90 days of warranty coverage; thereafter, such adjustments are your exclusive responsibility as normal maintenance.

WHAT IS NOT COVERED

1. The Mercedes-Benz chassis and power train, including, by way of example, the engine, drive-train, steering, ride and handling, braking, wheel balance, muffler, tire wear or failure, tubes, batteries and gauges, suspension, exterior shell, exterior doors, etc.
2. Accessories and equipment that are working as designed, but which you are unhappy because of the design;
3. Normal deterioration due to wear or exposure, including but not limited to floor coverings, rust, corrosion, oxidation, and cosmetic blemishes. In addition, this Limited Warranty does not apply to consumable parts that are designed to diminish over time, unless failure has occurred due to a defect in materials or workmanship;
4. Normal maintenance and service items, including but not limited to batteries, tires, glass breakage, fuses, bulbs, lubricants, sealants and seals, door adjustments, and awning tension. In addition, this Limited Warranty does not apply to consumable parts that are designed to diminish over time, unless failure has occurred due to a defect in materials or workmanship;
5. After-market equipment or accessories installed on the motorhome after completion of manufacture by Airstream, or any defects or damage caused by such items;
6. Motorhomes not purchased through an authorized dealer of Airstream and motorhome's purchased directly or indirectly through auction, salvage, repossession, or other non-customary sale means.
7. Any motorhome used other than for temporary recreation purposes, including, but not limited to, use of the motorhome for residential, rental, business and commercial purposes, or any motorhome purchased by, registered by, or titled in the name of a business association (such as any LLC, corporation, or partnership). If the motorhome owner or user files a tax form claiming a business or commercial tax benefit or income related to the motorhome, it shall be irrefutable that the motorhome has been used for rental, commercial or business purposes.
8. Defects or damage caused by, in whole or in part, or in any way related to: Accidents, misuse (including off-road use), or negligence; Failure to comply with the instructions set forth in any owner's manual provided with the motorhome; Alteration or modification of the motorhome except such alterations or modifications approved in writing by Airstream; Acts of God or other environmental conditions, such as lightning, hail, salt causing rust, or other chemicals in the atmosphere; De-icing agents or other chemicals applied to the motorhome; Failure to properly maintain or service the motorhome, including but not limited to the maintenance of lubricants, sealants, and seals; Condensation and the results of condensation including water damage and the growth of mold or mildew (mold and mildew are natural growths given certain environmental conditions and are not covered by the terms of this Limited Warranty); The addition of weight to the motorhome that causes the total weight to exceed applicable vehicle weight ratings, or addition of weight causing improper distribution of the weight of the motorhome; Failure to seek and obtain repairs in a timely manner; Failure to use reasonable efforts to mitigate damage caused by defects; Failure to properly ventilate the motorhome; Improper electric power supply or improper motorhome hookup to other facilities; Acts or omissions of any person or entity other than Airstream.
9. Hardware or software of a third-party device that is connected to the motorhome or its components, even if integrated or delivered with the motorhome. Airstream is not responsible for the quality or accuracy of any information or service accessed through or from any third-party device or platform. Software distributed by Airstream inside or outside the motorhome (including, but not limited to, system software and/or applications) is not covered by this Limited Warranty. Airstream does not warrant that connections to, from or through the motorhome will be uninterrupted or error-free. Also, the user should back-up their data and information frequently. Airstream is not responsible for any loss or damage to data or information made available in connection with the use of the motorhome. In addition, this Limited Warranty does not apply to: (a) to damage caused by use with another product or service; (b) to damage caused by a third party device or service (including upgrades and expansions), or (c) to obsolescence or lack of utility due to incompatibility with future versions of external hardware or software, including, but not limited to mobile devices.

OBTAINING WARRANTY SERVICE: In order to obtain warranty service under this Limited Warranty, the owner must do all of the following:

1. Owner and dealer representative must complete, sign, and return the Customer Performance Checkout within 10 days from delivery of the motorhome;
2. Notify Airstream or one of its authorized, independent dealers, of any claimed defect within the warranty period or 10 days thereafter;
3. Provide notification of a defect within 10 days of discovery of that defect; and
4. Promptly return the motorhome to an authorized Airstream dealer or Airstream for repairs.

If you believe a defect covered by this Limited Warranty still exists after an attempted repair by an authorized Airstream dealer, you must contact Airstream in one of the following manners, and specify:

1. The complete serial number of the motorhome;
2. The date of original purchase and the date of original delivery;
3. The name of the selling dealer; and servicing dealer, if they are not the same.
4. The nature of the problem and the steps or service which have been performed.

Email: support@airstream.com • Phone: (937) 596-6111
Mail: AIRSTREAM, INC., 428 West Pike Street, P.O. Box 629, Jackson Center, Ohio 45334-0629, Attention: Owner Relations Department

General Information

Airstream may direct you to an authorized Airstream dealer or may request that you bring your motorhome to the Airstream factory in Jackson Center, Ohio for repairs. Airstream does not control the scheduling of repairs at its authorized Airstream dealers, and repairs at the Airstream factory may not be immediately available. Therefore, you may encounter delays in scheduling repairs and/or completion of repairs. All costs associated with transporting the motorhome for any warranty service shall be the sole responsibility of the owner.

CONSUMER ARBITRATION PROGRAM: For recreation vehicles purchased in the State of California, Airstream, Inc. participates in the Consumer Arbitration Program for Recreation Vehicles (CAP-RV). This third-party dispute resolution program is available, at no charge to you, to settle unresolved warranty disputes for recreation vehicles. This dispute resolution program reviews eligible product and service related complaints involving warranty covered components. To find out more about this program, or to request an application/brochure, please call the Arbitration Administration office toll-free 800.279.5343. The CAP-RV program operates as a certified mechanism under the review of the California Arbitration Certification Program. Members of the armed forces who purchased the vehicle in California, or who were stationed in or a resident of California at the time of purchase (regardless of state of purchase) or who are stationed in California at the time of application to this program may utilize the CAP-RV program.

EVENTS THAT DISCHARGE AIRSTREAM'S OBLIGATIONS UNDER THIS LIMITED WARRANTY: Misuse or neglect, accidents, unauthorized alteration, failure to provide reasonable and necessary maintenance (see Owner's Manual), damage caused by off road use, collision, fire, theft, vandalism, explosions, overloading in excess of rated capacities, odometer tampering, and use of the motorhome for commercial, business, or rental purposes shall discharge Airstream from any express or implied warranty obligation.

LEGAL REMEDIES: EXCLUSIVE JURISDICTION FOR DECIDING LEGAL DISPUTES RELATING TO THE ALLEGED BREACH OF EXPRESS WARRANTY AND BREACH OF IMPLIED WARRANTIES ARISING BY OPERATION OF LAW AS WELL AS THOSE RELATING TO REPRESENTATIONS OF ANY NATURE RESTS IN THE COURTS WITHIN THE STATE OF MANUFACTURE, WHICH IS OHIO. ALSO, THIS WARRANTY SHALL BE INTERPRETED AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF OHIO. ANY AND ALL CLAIMS, CONTROVERSIES, AND CAUSES OF ACTION ARISING OUT OF OR RELATING TO THIS WARRANTY, WHETHER SOUNDING CONTRACT, TORT OR STATUTE, SHALL BE GOVERNED BY THE LAWS OF THE STATE OF OHIO, INCLUDING ITS STATUTE OF LIMITATIONS, WITHOUT GIVING EFFECT TO ANY CONFLICT OF LAW RULE THAT WOULD RESULT IN THE APPLICATION OF THE LAWS OF A DIFFERENT JURISDICTION. IF STATE LAW GIVES YOU ADDITIONAL RIGHTS THAT CONFLICT WITH ANY TERM OF THIS WARRANTY, YOUR STATE LAW APPLIES OVER INCONSISTENT WARRANTY TERMS. For example, if you took delivery of your RV in California, the Song Beverly Warranty Act and Consumers Legal Remedies Act apply because they cannot be waived.

I AGREE THAT ANY AND ALL ACTIONS OF ANY KIND RELATED TO MY MOTORHOME SHALL BE DECIDED BY A JUDGE RATHER THAN BY A JURY. THIS JURY WAIVER MAY NOT APPLY TO YOU IF APPLICABLE OR PROVINCIAL LAW PROHIBITS A WAIVER OF A JURY TRIAL. For example, if you took delivery in California, your right to a jury cannot be waived.

CALIFORNIA CONSUMERS: To comply with California's Song Beverly Consumer Warranty Act pre-litigation notice requirements (described at California Code of Civil Procedure Section 871.24), written notice can be sent to Airstream, Inc., either by email sent to the following email address: support@airstream.com, or by certified or registered mail, return receipt requested, sent to the following address: Airstream, Inc., 428 West Pike Street, P.O. Box 629, Jackson Center, Ohio 45334-0629, Attention: Owner Relations Department.

CONSUMIDORES DE CALIFORNIA: Para cumplir con los requisitos de notificación previa al litigio de la Ley de Garantía del Consumidor Song Beverly de California (descritos en la Sección 871.24 del Código de Procedimiento Civil de California), se puede enviar una notificación por escrito a Airstream, Inc., ya sea por correo electrónico a la siguiente dirección de correo electrónico: support@airstream.com, o por correo certificado o registrado, con acuse de recibo, enviado a la siguiente dirección: Airstream, Inc., 428 West Pike Street, P.O. Box 629, Jackson Center, Ohio 45334-0629, Attention: Owner Relations Department.

Before I purchased my motorhome, I received, read, and agreed to the terms and conditions of this Limited Warranty. I understand and agree that the selling dealership is not an agent for Airstream but is an independent entity. I understand and acknowledge items of the WHAT IS NOT COVERED section of this Limited Warranty. I acknowledge and agree that, before purchasing my motorhome, I inspected or was given an opportunity to inspect my motorhome and disclosed in writing to the selling dealership all defects and damage that I discovered during my test drive. For example, I inspected the underside of the RV for rust and did not discover any unless disclosed in writing to the selling dealership.

Purchaser Signature

Date

Purchaser Signature

Date

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
AIRSTREAM, INC • 1001 West Pike Street • Jackson Center, Ohio 45334-0629 • Phone: 937-596-6111 • FAX: 937-596-6539

Sprinter Van Information

Airstream, Inc., does not accept any responsibility in connection with any of its touring coach's for the Sprinter Van or its components. The Sprinter Van and its components are covered by Mercedes-Benz Warranties as explained by Sprinter literature provided. Your Sprinter Van and its components are pre-checked by its manufacturer before delivery to Airstream. All service to the Sprinter Van and its components must be performed by Mercedes-Benz Sprinter designated service points according to the manufacturer's warranty and service policies. The literature provided with each touring coach gives important information concerning its warranty coverage, maintenance, and operation.

The Airstream Interstate Nineteen Owner's Manual may provide additional information and tips on the use of the van as a touring coach, however, no information, in whole or in part, in any Airstream manual should be interpreted as advice or directions to disregard or void the Warnings, Cautions, Notices, or other information contained in the Sprinter's manuals.

⚠ WARNING

Your Mercedes-Benz Sprinter Van Operator's and Warranty Manuals contain important cautions, warnings, operational, and warranty information on the Sprinter and its components. All information in the Sprinter manual should be reviewed and followed for your safety.

Service

Coach-Net® Roadside Assistance



Every new Airstream comes with a three-year, transferable subscription to Coach-Net which includes a long list of premium services to help quickly solve issues or learn about your Airstream.

To learn more, scan the QR code above, navigate to <https://www.airstream.com/owners/coach-net/>, or call Coach-Net at 855-817-1885. On-call technicians are always ready to answer questions.

Service Centers

Before leaving the factory, every vital part of the touring coach is tested for performance. Each test is signed and certified by an inspector. After the touring coach arrives on your dealer's lot, all vital parts and systems are again tested. When you take delivery of your new touring coach, you will receive a complete check out.

At that time, a specified list of performance checks on your touring coach equipment will be conducted, and any deficiencies you have experienced since taking delivery will be corrected.

Please contact your dealer if your touring coach needs service. Major service under your Airstream Limited Warranty is available through our nationwide network of Airstream Dealer Service Centers. To find a dealer, please visit, <https://www.airstream.com> to use our dealer locator.

Occasionally, dealerships change, or new dealers are added that may not appear on the website immediately. Please note that all centers operate on an appointment basis for the utmost efficiency.

When you require service for your touring coach from the Airstream Factory Service Center or a Certified Dealer Service Center, please contact the service manager for an appointment, and inform them if you are unable to keep the appointment date or wish to change it. Service may be arranged at the Factory Service Center by contacting the Service Coordinator at:

Airstream Factory Service Center

428 West Pike Street

P.O. Box 629

Jackson Center, Ohio 45334-0629

Phone: (937) 596-6111 or (877) 596-6111

NOTE

Connected RV features and systems may be turned off while in a service facility for the safety of our technicians. You might have to re-pair your personal device after service appointment.

General Information

Reporting Safety Defects

If you believe your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA), in addition to notifying Airstream, 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 Airstream Inc.

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

Administrator

NHTSA

1200 New Jersey Avenue, S.E.

Washington, DC 20590

You can also obtain other information about motor vehicle safety from <https://www.nhtsa.gov>.

Camping

Suggested Pre-Travel Check List

Exterior

1. Verify power cord is stored
2. Verify leveling jacks are up (if equipped).
3. Verify water and sewer hoses are stored.
4. Double check all hitch connections (if towing).
5. Look under, over, and around the vehicle for any overlooked items.
6. Check exterior lighting.
7. Check torque of wheel bolts or lug nuts
8. Check tires for correct pressure.

Interior

1. Turn off water pump and heater/hot water system.
2. Close windows and vents.
3. Close all interior cabinet doors.
4. Latch refrigerator door. (Seal containers first.)
5. Latch microwave.
6. Secure, stow, and latch for travel anything that will move, fall, fly, or open.
7. Drain toilet bowl.
8. Turn off 12-volt lights.

Touring Coach Equipment and Accessories

1. Water hose, 5/8-in. high-pressure, tasteless, odorless, non-toxic (two 25-ft. sections).
2. Y connection - water hose.
3. Holding tank cleaner and deodorizer.
4. Power cord adapter, 15 amp - 30-amp.
5. 30-ft. electric cord, 30-amp capacity.
6. Wheel chocks.
7. Torque wrench.
8. Quality tire gauge.
9. Emergency light and first aid kits.

Motoring Essentials

1. Touring coach registration.
2. Carry driver's license.
3. In Canada, bring along a non-residence liability insurance card and your passport.
4. In Mexico, you must have special auto insurance.
5. Carry an extra set of the ignition keys in a separate pocket or in your wallet.
6. Keep an operating flashlight with fresh batteries in the glove compartment.
7. Carry your pet's dish, food, leash, and health and registration papers.

Overnight Stop

In time you will develop a knack for spotting wonderful little roadside locations by turning off the main highway and exploring. There are many modern recreational vehicle parks, including State, County, and Federal parks with good facilities, where you may obtain electrical, water, and sewer hookups and connections. Directories are published which describe in detail these parks and tell what is available in the way of services and hookups.

All you need to do to enjoy the self-contained luxury while boondocking is to:

1. Turn on the battery disconnect switch to provide power to your components.
2. Inverter will need to be turned on to power the entertainment devices. To conserve battery power, turn off the inverter when not in use.
3. Turn on the water pump and open faucets until air is expelled from the system.

Before moving on, turn off the water pump and the heating/hot water system. Check your campsite to be sure you have not left anything behind. Make sure everything is properly stowed.

Overnight or Weekend Trips

On overnight or weekend trips, chances are you will not use up the capacity of the holding tanks. Deplete the water supply, if using the system moderately or conservatively. You will need to maintain the level of your battery during longer periods of battery use, and when the State-of-Charge (SOC) is low.

Longer Trips

On a longer trip, when you have stayed where sewer connections and utility hookups were not available, it will be necessary for you to stop from time to time to dispose of the waste in the holding tank and replenish the water supply. Many truck stops and gas stations, chain and individually owned, have installed sanitary dumping stations for just this purpose. Booklets are available that list these facilities.

When you stop for the night, your Airstream Touring Coach is built to be safely parked in any spot that is relatively level and where the ground is firm. Your facilities are with you. You are self-contained. Try to pick as level a parking spot as possible.

Extended Stay

Making a long trip is not very different from making a weekend excursion. Since everything you need is right at hand, you are at home wherever you go. When packing for an extended trip, take everything you need, but only what you need.

Hook up to water by attaching a ½ -inch minimum high-pressure water hose to the city water service.

Plug the 120-volt, 30-amp electrical cable into the city power service. The SmartPlug incorporates a reverse polarity feature which will include a series of light codes to let you know the condition of the power coming from the campsite power pedestal. Please refer to the provided SmartPlug owner's manual for more information on reverse polarity and the light codes; also [see Shoreline Power Inlet and Cordset on page 6-10](#).

A Cable/Satellite TV connection is located in the exterior compartment along with the switches for the dump valves, macerator pump, and macerator pump high-pressure hose reel.

When you stay for extended periods where electric or water hookups are not available, you must make regular checks on State-of-Charge of your battery and the contents of your water tank (Multiplex control panel). Carry drinking water in a clean bucket to refill your tank. When your waste tank nears capacity, move your touring coach to a dumping location.

Leveling

When you plan to stay in the same place for several days, weeks, or months, you will want your touring coach to be as level as possible. Check the attitude with a small spirit level set on the inside work counter. If a correction is necessary, then you must first level from side to side. This can be done most easily by driving up a small ramp consisting of 2 in. x 6 in. boards tapered at both ends. Airstream does not recommend placing tires in a hole for leveling; [see Tires on page 7-4](#)

For units equipped with the optional hydraulic leveling system [see Hydraulic Leveling System on page 6-11](#).

Effects of Prolonged Occupancy

Your touring coach was designed primarily for recreational use and short-term occupancy. If you expect to occupy the touring coach for an extended period, be prepared to deal with condensation and the humid conditions that may be encountered. The relatively small volume and tight compact construction of modern recreation vehicles mean that the normal living activities of even a few occupants will lead to rapid moisture saturation of the air contained in the touring coach and the appearance of visible moisture, especially in cold weather.

Just as moisture collects on the outside of a glass of cold water during humid weather, moisture can condense on the inside surfaces of the touring coach during cold weather when relative humidity of the interior air is high. This condition is increased because the insulated walls of a recreation vehicle are much thinner than house walls. Estimates indicate that two adults can vaporize up to one-and-a-half gallons of water daily through breathing, cooking, bathing, and washing. Unless the water vapor is carried outside by ventilation or condensed by a dehumidifier, it will condense on the inside of the windows and walls as moisture, or in cold weather as frost or ice. It may also condense out of sight within the walls or the ceiling where it will manifest itself as warped or stained panels. Appearance of these conditions may indicate a serious condensation problem. When you recognize the signs of excessive moisture and condensation in the touring coach, action should be taken to minimize their effects.

NOTICE

Your touring coach is not designed, nor intended, for permanent housing. Use of this product for long term or permanent occupancy may lead to premature deterioration of structure, interior finishes, fabrics, carpeting, and drapes. Damage or deterioration due to long-term occupancy may not be considered normal, and may under the terms of the warranty constitute misuse, abuse, or neglect, and may therefore reduce the warranty protection.

To avoid condensation problems, try to follow these tips to help alleviate excess moisture:

- Allow excess moisture to escape to the outside when bathing, washing dishes, hair drying, laundering, and using appliances. Always use an exhaust fan when cooking.
- Keep the bathroom door closed and the vent or window open when bathing and for a period of time after you have finished.
- If you are experiencing condensation, you may want to reconsider hanging wet clothes in the touring coach to dry.
- In hot weather, start the AC early as it removes excess humidity from the air while lowering the temperature.
- Keep the temperature as reasonably cool during cold weather as possible. The warmer the vehicle, the more cold exterior temperatures and warm interior temperatures will collide on wall surfaces, thus creating condensation.
- Use the ceiling vent to keep air circulating inside the vehicle so condensation and mildew cannot form in dead air spaces. Allow air to circulate inside closets and cabinets (leave doors partially open). Please keep in mind that a closed cabinet full of stored goods prevents circulation and allows the exterior temperature to cause condensation.
- The natural tendency would be to close the vehicle tightly during cold weather. This will actually compound the problem. Simply put, you need to remove some of the warm air and allow some cool outside air to get inside the vehicle so the furnace will not recycle the humid interior air.
- Minimize the use of incandescent lights, which produce heat and contribute to condensation.

About Molds

What are molds

Molds are microscopic organisms that naturally occur in virtually every environment, indoors and out. Outdoors, mold growth is important in the decomposition of plants. Indoors, mold growth is unfavorable. Left unchecked, molds break down natural materials, such as wood products and fabrics. Knowing the potential risks is important for any type of homeowner to protect their investment.

What factors contribute to mold growth

For mold growth to occur, temperatures, indoor or outdoors, must be between 40°F and 100°F and also, there must be a source of moisture, such as humidity, standing water, damp materials, etc. Indoors, the most rapid growth occurs with warm and humid conditions.

How can mold growth be inhibited

By controlling relative humidity, the growth of mold and mildew can be inhibited. In warm climates, use of the air conditioner will reduce the relative humidity. Vents are located in the bathing and cooking areas and constant use is advised during food preparation and bathing, even during colder weather. Additionally, opening a window during these activities will assist in ventilation. In extremely humid conditions, the use of a dehumidifier can be helpful. If using a dehumidifier, please read and follow all manufacturer instructions and recommendations to the use and cleaning of the dehumidifier.

Frequent use of your touring coach or cleaning regularly is an important preventive measure. Further, any spills should be wiped up quickly and dried as soon as possible. Avoid leaving damp items lying about. On safe surfaces, use mold or mildew killing cleaning products. Check sealants regularly, and reseal when necessary to avoid water leaks. Proper preventive maintenance to the touring coach and its accessories, as described both in this manual and in accompanying literature, will provide the best protection to the touring coach.

Wastewater System

The main parts of the wastewater system are the toilet, holding tanks, and tank dump valves; [see Drain and Waste System on page 9-7](#). The system is designed to provide complete self-contained toilet facilities, while on the road or parked, without being connected to a sewage line. It may also be used when parked while connected to a sewage hose.

Keep the dump valves closed with either method and empty the tanks when they are nearly full. The idea is to send a large volume of water through the tanks and hose at the same time to float solids away.

After the sewage tank has been emptied, close the dump valves and charge the tank by putting a few gallons of water in the sewage holding tank using the waste tank flush inlet. This will spray the interior of the tank with water and help prevent solids from building up in the sewage holding tank. The addition of a deodorizing agent like Aqua-Kem will help prevent odors.

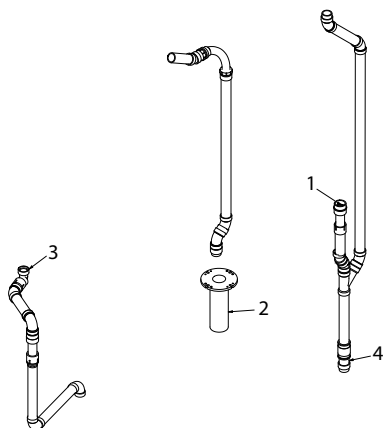
Should you ever have a buildup of solids, close the valves, fill the tanks about 3/4 full with fresh water, drive a distance to agitate the solids, and drain the tanks.

Things Not to Put into Toilet or Drains

- Facial tissues and feminine hygiene products(they do not dissolve like toilet paper).
- Automotive antifreeze, ammonia, alcohols, or acetone.
- Table scraps or other solids that may clog the drains.

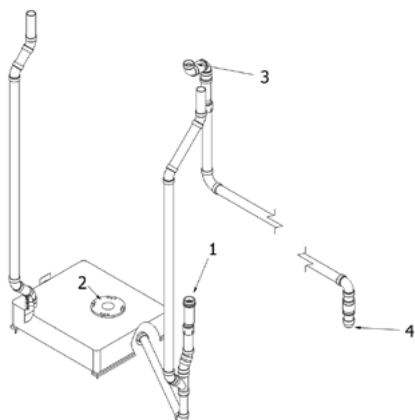
General Information

Drain System (GL)



1. Lavatory Drain
2. Waste Water Tank (Toilet)
3. Galley Drain
4. Gray Water Tank

Drain System (GT)



1. Lavatory Drain
2. Waste Water Tank (Toilet)
3. Galley Drain
4. Gray Water Tank

Winter Traveling

Traveling in sub-freezing temperatures will require certain precautions to protect the plumbing system and your personal belongings from being damaged by freezing.

While traveling, simply use your common sense. How cold is it? How long will it be before you can turn the heat back on? Is the temperature dropping or rising? Remember, when driving at 50 MPH, the wind chill factor will cause the interior of the touring coach to cool much faster than a touring coach that is parked.

1. You must have at least 1/4 tank of fuel to run the hydronic heating/hot water system as the heat from the furnace warms the touring coach and keeps the fresh water lines and waste water holding tank from freezing. If your fuel tank drops below 1/4 tank, the hydronic system will automatically shut off. This 1/4 tank reserve is so you can travel to refuel.
2. If your stay is longer than overnight, you should endeavor to have a shoreline hookup.
3. Minimize use of electricity if 120-volt power source is not available.
4. Leave cabinet doors, wet bath doors, and wardrobe doors slightly open at night to allow circulation of air in and around all components.
5. Save power by using non-toxic RV- approved antifreeze in the gray water holding tank instead of the heating pad to prevent freezing. Quantity of antifreeze needed will vary with ambient temperature and the amount of liquids in tank.
6. For extended stays in cold weather, insulate all water lines outside the touring coach. You should remember that low temperatures in combination with high winds cause an equivalent chill temperature much below what your thermometer is reading. For instance, with an outside temperature of zero degrees, and the wind velocity of 10 miles per hour, the equivalent chill temperature is -20°F.
7. Remember to remove and drain the exterior shower faucet to prevent freeze damage.

Heated Tanks

The touring coach has 12-volt heat pads installed with the fresh and gray water tanks to help prevent freezing. The tank heaters are controlled using the Multiplex system; [see Multiplex System on page 5-16](#). When the outside temperature is near freezing, simply switch “ON” the tank heaters. Built-in sensors will activate the heat pads when the contents of the tanks drop to 44°F. Once the liquid is heated and rises to 64°F the heat pads will automatically deactivate. Switch the power “OFF” when the ambient outside temperature remains above freezing or if the tanks are empty. The tank heaters will eventually deplete the house battery unless the unit is plugged into an external power source. To conserve battery power, RV antifreeze may be used to protect the gray and waste tanks.

NOTE

The waste tank is installed above the floor where heat from the furnace will keep it from freezing.

NOTICE

Drain and winterize all models if the water systems are not being used during winter traveling; [see Winterizing and Storage on page 9-10](#)

AIRSTREAM®

Section 4 FLOOR PLANS AND SPECIFICATIONS

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Floor Plans And Specifications

Floor Plans

Tommy Bahama GL



Tommy Bahama GT



Specifications

Tommy Bahama Interstate 24 Specifications	
Chassis	Mercedes-Benz® Sprinter 3500 Extended
Engine, RWD (Rear Wheel Drive)	Mercedes-Benz® 3.0L V6 Turbo Diesel
Engine, AWD (All Wheel Drive)	Mercedes-Benz® 2.0L Turbo Charged High Output 4-Cylinder Diesel
Horsepower/Torque, RWD	188 HP @ 3800 RPM/325 lb-ft torque @1400 - 2400 RPM
Horsepower/Torque, AWD	208 HP @ 3600 RPM/332 lb-ft torque @ 1400 - 2400 RPM
Transmission	RWD - 7G-Tronic Plus Automatic, AWD - 9G-Tronic Plus Automatic
Emissions	BlueTEC SCR Technology, 50 State – EPA/CARB Standards
Axle Ratio	RWD - 3.92, AWD - 4.727
Wheelbase	170"
MPG ^[1]	16-18+ Estimated Highway
Exterior Overall Length	24' 6"
Exterior Overall Height with A/C and Antenna	9' 9"
Exterior Overall Width w/Mirrors	7' 8.5"
Interior Height	6' 2.25"
Interior Width	5' 10"
GVWR ^[2]	11,030 lbs
GCWR ^[2]	15,250 lbs
UVW/UBW ^[2]	Weights are listed on the OCCC Label and Tire and Loading Placard; for more information, see Specifications Labels on page 4-4
OCCC ^[2]	
Tow Capacity ^[3]	Up To 5,000 lbs
Fuel Tank	24.5 gallon
Fresh Water Tank	23 gallon
Gray Water Tank	24 gallon
Waste Water Tank	11 gallon
Hydronic Heating/Hot Water System	Diesel Fired/120V Element Support
Air conditioner	13,500 BTU
12V Refrigerator w/Freezer Box (GL)	3.1 cubic feet (Fridge), .33 cubic feet (Freezer)
12V Refrigerator w/Freezer Box (GT)	5 cubic feet (Fridge), 1.6 cubic feet (Freezer)
Microwave	1.3 cubic feet
Cooktop	1,000 Watt, Single burner, Induction
House Batteries, Advanced Power	3 – 12 Volt 270 Ah LiFePO4 batteries w/Built-in Heater (10.5kWH)
House Batteries, Advanced Power Plus	5 – 12 Volt 270 Ah LiFePO4 batteries w/Built-in Heater (17.3kWH)
Inverter/Converter	3,000 Watt Pure Sine Inverter/130A Multi-Stage Charger
Shore Power	30-Amp/120-Volt Service
Solar Power	400 Watt Solar System (300W - House/100W - Chassis)
Front and Rear Parking Sensors	Standard
Bed Size (Rear Lounge)	70" X 82"
Wheel Fastener Torque Value ^[4]	133 ft-lbs
Tire Size / Max Cold Inflation Pressure ^{[2][5]}	Tire size and max cold inflation pressure are listed on the Tire and Loading Placard on the B-pillar (driver's door jamb); For more information, see Tire and Loading Placard on page 4-4
Airstream Limited Warranty	2 Years
Mercedes-Benz® Chassis Warranty	5 Years/75,000 Miles
Mercedes-Benz® Engine & Drive Train Warranty	5 Years/100,000 Miles

1. Actual mileage will vary based on load carrying, driving style, and road conditions.

2. For more information, [see Specifications Definitions on page 4-4](#) and [see Specifications Labels on page 4-4](#).

3. Tow capacity will vary with build spec and intended vehicle loading with people, cargo, and fluids.

4. For safety reasons, wheel fastener torque must be checked immediately after reinstalling wheels and again after 30 miles.

5. In this context, cold refers to how long a tire has sat idle. *Max cold inflation pressure* should be checked in the morning (after sitting idle for at least three hours) before driving more than one mile or before rising ambient temperatures and the sun's radiant heat can affect tire pressure.

Floor Plans And Specifications

Specifications Definitions

Unloaded Vehicle Weight (UVW) or Unit Base Weight (UBW) is the factory manufactured/empty weight of the touring coach. UVW includes fuel, engine operating fluids, and all batteries; *UVW is listed as "factory manufactured weight" on the Tire and Loading Placard.*

Gross Combined Vehicle Weight Rating (GCWR) is the maximum weight rating of the vehicle with a trailer attached; *GCWR is listed on the previous page.*

Gross Axle Weight Rating (GAWR) is the value specified as the load carrying capacity of a single axle system, as measured at the tire-ground interfaces. This is the maximum amount of weight that can be placed on each axle; *GAWR is listed on the Manufacturer's Certification Label.*

Gross Vehicular Weight Rating (GVWR) is the maximum permissible weight of the Touring Coach when fully loaded; *GVWR is listed on the Tire and Loading Placard and Manufacturer's Certification Label. It is also listed on the previous page.*

Occupant and Cargo Carrying Capacity (OCCC) is the maximum total weight of all occupants, cargo, fresh water, and any tongue weight of a towed trailer; *OCCC is listed on the OCCC label and Tire and Loading Placard.*

GVWR - UVW = OCCC

⚠ WARNING

The combined weight of occupants and cargo should never exceed the limit on OCCC label.

⚠ WARNING

Wheel fastener torque must be checked immediately after reinstalling a wheel and again after 30 miles. Torque all wheel fasteners evenly to specification using the proper sequence; [see Wheel Bolt/Lug Nut Tightening on page 7-8](#). For torque values, [see Specifications on page 4-3](#).

NOTE

All product information and specifications listed are as accurate as possible at the time of printing. Since we continually strive to improve our products, all specifications are subject to change without notice.

NOTE

Specifications labels shown are examples only.

Specifications Labels

Occupant and Cargo Carrying Capacity Label

MOTOR HOME OCCUPANT CARGO CARRYING CAPACITY
VIN: XXXXXXXXXXXXXXXX
THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED
XXX kg OR XXX LBS
Safety belts equipped seating capacity: X
CAUTION:
A full load of water equals XX kg or XXX lbs of cargo @ 1kg/L (8.3lb/gal) and the tongue weight of a towed trailer counts as cargo.
Motor Home overall length XXX (XXX cm) as manufactured

The Occupant and Cargo Carrying Capacity Label on the edge of the passenger door lists the VIN, OCCC, safety belt equipped seating capacity, the weight of a full load of water, and the motorhome's overall length.

Tire and Loading Placard

TIRE AND LOADING INFORMATION
RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT

The combined weight of occupants and cargo should never exceed XXX kg or XXXX lbs.

SEATING CAPACITY TOTAL X FRONT X REAR X

TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS A FROID
FRONT AVANT	XXXXXXXXXX	XXX kpa (XX Psi)
REAR ARRIERE	XXXXXXXXXX	XXX kpa (XX Psi)
SPARE DE SECOURS	XXXXXXXXXX	XXX kpa (XX Psi)

SEE OWNERS MANUAL FOR ADDITIONAL INFORMATION
VOIR LE MANUEL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS

XXXXX

The factory manufactured weight of this motor home is XXXX kgs XXXX (lbs).
The GVWR of this motor home is XXXX kgs XXXX (lbs).

The Tire and Loading Placard on the B-pillar (driver's door jamb) lists OCCC, UVW, GVWR, seating capacity, tire size, tire cold inflation pressure, and the last six digits of the serial number.

Manufacturer's Certification Label

MANUFACTURED BY : AIRSTREAM, INC

GVWR:	XXXX kg/	XXXX lb	DATE: XXXXXXXX	XXX
GAWR	TIRES	RIMS	COLD INFL.PRESS.	
FRONT	XXXXXXXXXX	XXXX	XXX KPA	SINGLE ☐
XXXX KG/ XXX LB			XX PSI	DUAL ☐
INTERM				SINGLE ☐
			PSI	DUAL ☐
REAR	XXXXXXXXXX	XXXX	XXX KPA	SINGLE ☐
XXXX KG/ XXX LB			XX PSI	DUAL ☐

THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE ALL WEIGHTS ARE APPROXIMATE

V.I.N./N.I.V.:XXXXXXXXXXXXXXXXXX TYPE/TYPE: XXXXXXXX MODEL: XXXXXX
XXXXXXXXXXXXXXXXXX XX XXX Serial: XXXXXXXXXXXXXXXX

The Manufacturer's Certification Label on the driver's seat pedestal lists the GVWR, GAWR, date of manufacture, tire size, rim size, tire cold inflation pressure, VIN/NIV number, vehicle type, model, and the full serial number.

AIRSTREAM®

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General Information and Cleaning

The interior of every Airstream is crafted with features that offer comfort, convenience, functionality, durability, and design appeal. Our goal in this section is to deliver the best experience possible by providing you with the knowledge you need to enjoy these features and care for them to ensure their longevity.

 Airstream Supply Company is your trusted source to obtain care products and supplies to help maintain and enjoy your Airstream. Scan this QR code to visit and explore our recommended assortment of RV care products and much more at airstreamsupplycompany.com.

Many of the appliances and components installed in your Airstream come with manuals from the manufacturers that produced them. These manuals provide detailed instructions and critical safety alerts that should be read and followed before operating them. If any manual(s) have not been provided in your owner's packet, contact your dealer, appliance or component manufacturer, or Airstream Customer Service at 937-596-6111 or email: support@airstream.com

Upholstery

Ultraleather requires regular cleaning to maintain its longevity and appearance. Quickly wipe up spills to prevent staining. Clean the surface regularly with a solution of mild soap and water, using a soft cloth or sponge. After cleaning, rinse thoroughly with clean water to remove any soap residue and allow the upholstery to air dry completely. To sanitize, use a disinfecting solution of one part bleach to five parts water. Apply it evenly with a soft cloth, then rinse thoroughly with clean water and let it air dry. For stubborn stains, clean the area with isopropyl alcohol using a soft cloth, testing first on an inconspicuous spot to ensure it does not damage the fabric. Always rinse the area with clean water after using alcohol; allow it to air dry.

Avoid harsh cleaners containing ammonia, alkalis, or solvents, as these can degrade the fabric and may void its warranty. Conditioners, protectants, or treatment products are not recommended, as they can alter the material's properties.

NOTICE

Never remove cushion covers for dry or machine cleaning as this will damage the upholstery fabric.

Cabinets and Overhead Lockers

The furniture is manufactured from a high-pressure laminate and can be cleaned with soap and water, or you can use a common solvent on tough spots. Furniture polish can be used sparingly. Plexiglass doors must be cleaned with a anti-static cleaner and cloth. Windex or common ammonia products will damage the coating on the surface.

NOTICE

Do not use any abrasive material, abrasive cleaners, cloths and pads as there is the possibility they could scratch the surface.

Aluminum Interior Skin

The metal interior skin on the ceiling is coated with a baked-on acrylic coating. Use soft rags or wash mitts always moving lengthwise with the grain of the aluminum. NEVER rub hard on the coating. Oil, grease, dust, and dirt may be removed by washing with a 5 percent solution of commonly used commercial and industrial multi-purpose detergent in water. Cleaning should be followed by a thorough clean water rinse. Drying the metal with a chamois or a soft cloth may prevent spots and streaks. When washing or waxing the metal, always wipe "with" the grain of the metal. A good grade of nonabrasive automotive paste or liquid wax once a year will increase the life of the finish.

NOTICE

Abrasive polishes or cleaning solvents such as automatic dishwasher or acid etch cleaners are too strong and should never be used. Rinse all grit from surface prior to washing. Use soft rags always moving lengthwise with the unit. NEVER rub with excessive pressure on the coating. Even the softest rag will damage the coating if excessive pressure is applied.

Counter Area

The countertops are made of a solid surface and can be cleaned with soap and water, or you can use a common solvent on tough spots. Do not use abrasive cleaners since they could scratch the surface. A protective pad should always be used under hot utensils or pans. A light sanding of minor damaged areas can repair the counters. The color of the material is constant and not just a surface coat.

NOTICE

Do not use any abrasive material, abrasive cleaners, cloths and pads as there is the possibility they could scratch the surface. A protective pad should always be placed under hot utensils.

Luxury Woven Vinyl Floor

General Cleaning

Maintaining the appearance and longevity of your Luxury Woven Vinyl Flooring requires regular cleaning and proper care. To remove loose dirt and debris, sweep the floor with a broom or use a vacuum with the beater bar turned off. For routine cleaning, mop with clean water or a mild soap solution, such as diluted dish soap, but avoid oversaturating the floor, especially around cabinets. Apply the solution with a soft-bristle brush or mop, gently cleaning the surface. Rinse thoroughly with clean water to remove any soap residue, then allow the floor to air dry completely.

For stubborn stains or mildew, mix 1 cup of bleach and 1/4 cup of mild soap per gallon of water. Apply a small amount to the affected area and blot with a sponge or clean towel. Rinse thoroughly to remove all residue, then let the floor air dry. Alternatively, a citrus-based cleaner like D-Limonene can be effective for tough dirt and grease spots. Always rinse off all cleaning products thoroughly and allow the floor to air dry after cleaning.

NOTICE

Protect the area around your flooring if using a bleach solution. The use of certain cleaning agents, including but not limited to powdered abrasives, solvents, and industrial strength cleaners is not recommended. Always follow the manufacturer's instructions. Check that the cleaner/polish is suitable for use with cushioned vinyl floor coverings.

Interior Doormat and Rug Selection

To avoid staining or discoloration of vinyl flooring, only use doormats or rugs made of natural fibers.

NOTICE

Rubber or latex-backed mats or furniture with rubber feet may stain or discolor vinyl flooring.

Privacy Sun Shades

Privacy shades are provided for the front windshield and driver/passenger cab windows. The shades have magnets sewn into them that attach to the van.

Light brushing with an upholstery brush or gentle use of a vacuum cleaner will suffice in most situations. For heavy soiled conditions dry clean only. Washing the shades may void the warranty.

Wet Bath

Wet the bath surface and clean it using a non-abrasive sponge or soft cloth and a non-abrasive liquid detergent cleaner safe for acrylic, gel coat, and fiberglass bath surfaces. Avoid using acidic or harsh commercial bath cleaners. Rinse and dry with a soft towel. A wax or sealer suitable for these surfaces can be applied to the stall to restore gloss to dull areas when necessary, but should not be used on the shower floor as this could create an unsafe, slippery surface.

WARNING

Applying wax to the shower floor is not recommended and could create an unsafe, slippery surface.

Shower Head

The shower head facilitates water-saving when camping without a fresh water hookup. To conserve water while showering with fresh tank water, turn the water off between lathering and rinsing.

Retractable Clothesline

A retractable clothesline is installed for your convenience in the shower stall. To use, pull the line from the base and attach it to the holder on the opposite wall. Turning the nut on the base will tighten the line.

Toilet

The touring coach toilet in your Airstream is a design that has been used for many years.

To flush, press the foot pedal, holding the pedal down until all solids have cleared. To add water press the pedal halfway.

NOTICE

When you dump the bowl of the toilet, make sure all paper and solids have cleared the slide mechanism before you allow it to close. Failure to do so can cause the groove for the slide to become jammed and the slide will no longer close completely.

Please see the toilet owner's/user manual for warranty, user tips, and maintenance information.

Deodorizers and Biological Chemicals

There are many deodorizers and processing chemicals on the market in tablet, liquid, and powder form. These not only combat odor, but also stimulate the bacteria that works to dissolve the solids and tissues in your waste tank. These chemicals should be introduced through the toilet prior to use per the manufacturers directions. It's also important to always add a few gallons of water by filling the toilet bowl a few times and depressing the foot pedal.

Sink and Faucet Care

To clean the sink and faucet, dampen a soft cloth with warm water and a small amount of mild liquid soap or detergent. Gently wipe down all surfaces, then rinse with clean water and dry with a soft cloth. Avoid abrasive scrubbing sponges, steel wool, scouring powders, and harsh chemical cleaners, as these can damage or dull the protective finishes on the sink and faucet. Using gentle cleaning methods helps preserve the appearance and integrity of the materials. For best results, wipe down the sink and faucet after each use to prevent water spots, soap residue, and grime from accumulating.

Storage

Cabinets, Roof Lockers, and Cubbies

Latching hardware keeps doors and drawers secure while traveling. To open doors and drawers equipped with secure latching hardware, press the spring-loaded knob inward until it pops out to use as a pull. When closing, push the knob back into the recess until the mechanism latches.

Exercise caution when storing items in cubby spaces and other open storage areas as they could dislodge during travel. Heavy items could cause damage and even be dangerous should they dislodge while making sudden stops. Always secure cargo before travel. It is recommended to store heavier items in lower storage areas and lighter items overhead.

⚠ WARNING

Unsecured cargo can cause injury or lead to a vehicle accident and may damage the coach's interior should it become dislodged.

⚠ WARNING

Keep flammable material away from appliances with burners and do not block vents.

Driver and Passenger Seats

The driver and passenger seats are provided by Sprinter, sent out to be recovered by Airstream to match the interior decor.

The seat adjustment mechanism provided by Sprinter allows the seat to be moved forward or backward and swivel left or right. Buttons near the door handle are used to move the seat forward and backward. Pressing down on the handle, centered under the front of the seats, allows the seat to swivel. Return the seat to the full upright position before using the swivel adjustment. The heated seats are activated by switches located on the door, next to the seat controls. For complete details on adjustments, please refer to the Sprinter manual.

⚠ WARNING

Adjust the driver's seat so that you can easily reach and operate all controls. Make sure the seat is locked in position. Do not adjust driver's seat swivel or fore and aft mechanism while vehicle is moving. The seat could move unexpectedly causing loss of control.

Captain's Chairs, Second Row

The captains chairs have three adjustments. A lever on the side of the seat reclines the seat back. A lever on the seat pedestal under the front of the seat allows the seat to be adjusted forward or back, and a lever on the pedestal under the side of the seat allows the seat to swivel. Return seat to full upright position before using swivel adjustment.

⚠ WARNING

All seats must be locked in the forward facing position prior to operating the vehicle.

NOTICE

Seat backs on cab and second row seats must be returned to full upright position and seat moved forward before seat is swiveled. Failure to do so could result in damage to the seats upholstery, the wall panels, and the seat decorative skirt.

Rear Lounge/Bed



To convert the side ottomans and rear lounge into a sleeping area, start by opening the rear door. Remove the headrests and slide the aluminum extension out from under the lounge seat. Place the provided rectangular cushions across the aluminum extension and rear cubbies. Close the rear door. Press and hold the switch (shown above) under the passenger-side overhead storage locker until the lounge flattens completely. This same switch is on the driver's side in the Interstate GT model. Lower the powered ottomans on each side of the coach to complete the setup.



The Airstream Supply Company is your trusted source for custom bedding options. Scan this QR code to visit airstreamsupplycompany.com to obtain items like custom-fit sheets, mattress pads, encasements, memory foam toppers, and even custom-fit replacement mattresses, made to order to your preferred level of firmness, support, and comfort.

⚠ WARNING

Keep your furniture and family safe from fires caused by careless smoking. Do not smoke when drowsy. Remove immediately any flowing ash or a lighted cigarette which falls on furniture. Smoldering smoking material can cause upholstered furniture fires.

⚠ WARNING

Side Ottomans are not to be used as seating while the vehicle is in motion as there are no seat belts.

NOTE

Operate ottomans and sofa separately to avoid tripping the thermal breaker. If breaker is tripped, wait until it resets and operate one at a time.

Pedestal Table

Interstate Touring Coach's are equipped with a pedestal table. On Interstate GL models, the top is stored between the galley and the captains chair. The pedestal leg is stored behind the lounge accessed by opening the rear cargo doors. The pedestal table can be installed in the floor sockets located between the dinette seats and behind the captains chairs. The pedestal leg is inserted into the sockets and twisted to lock into place. To remove, depress the black button and twist the leg to release.

Interstate GT models are equipped with a removable table which is stored behind the driver's seat. To remove from the mount, slide the driver's seat up towards the steering wheel for clearance. Loosen the knob at the top of the table and rotate the bracket. Pull the table out, being careful not to damage the table or the paneling. Turn the table over and remove the table leg by loosening the handle and sliding it off. Insert the leg into the holder on the base of the rear lounge and adjust to the desired height. Install the table top onto the leg and tighten in the desired position. Reverse the operation for storage.

⚠ WARNING

Return table top and pedestal to their respective storage positions before moving the vehicle. In a emergency stop or accident the top and pedestal could cause personal injury and/or death.

Collapsing Clothes Rod



A collapsing clothes rod is located below the rear overhead, behind the rear lounge/bed.

Power Blinds

All Tommy Bahama models come with remote operated power blinds. The blinds feature a mechanical limit switch to prevent accidental loss or change of limits due to power surges/outages. They will retain their pre-set limit stops even if the blind is pulled down manually by mistake. The power remote is also programmed beforehand and should only need reprogrammed if a blind has been replaced. Refer to the Power Blinds owner's manual for operating and cleaning tips.

Remote Instructions

1. Select the channel for the blind to operate using the + and - selector on the remote.
2. To lower the blind fully press and hold the DOWN arrow for about 3 seconds or more, and release.
3. To stop the blind in mid travel press the STOP button.
4. To tilt the slats in the blind press briefly and release the UP or DOWN arrow. Repeat until the desired tilt of the slat is reached.
5. To raise the blind fully, press and hold the UP arrow for about 3 seconds or more, and then release.

NOTE

The "P" channel will operate all blinds together.

Electrical System Overview

Power Center



The Power Center is a self-contained 120-volt AC (120V AC) power distribution center used in recreational vehicles. It houses the coach's circuit breakers and fuses. Its primary function is to provide circuit protection for all 120V AC loads in the touring coach and is central to the overall electrical system. It distributes 120V AC power to the appliances and also supplies 120V AC to the converter, which transforms 120V AC to 12V DC to power the 12V DC systems.

The Power Center distributes incoming power from two sources: Shoreline power when connected to an external 120V AC power supply (city power) and the Advanced Power System (lithium-ion battery pack) via the 12V DC to 120V AC inverter.

The Power Center is located at the base of the driver's side ottoman. Open the decorative door to access 12V fuses and 120 VAC breakers.

⚠ WARNING

The power center is a centralized power switching, fusing, and distribution center. The potential of lethal electrical shock is present in this box. Inadvertent shorts at this box could result in damage and/or injury. All servicing of this box should be done by a qualified Service Technician.

Circuit Breaker Protection

Standard residential-style (resettable) circuit breakers provide circuit protection for all 120V AC loads. Airstream has installed breakers per RVIA (NEC) listing requirements for the touring coach.

The 30 amp main breaker feeds individual branch breakers. The branch-breakers protect individual loads, which are identifiable by the affixed labels. Shutting off the main breaker will remove power to all branch loads.

A circuit breaker's ON/OFF switch function operates like a light switch: up is ON, and down is OFF. If an overload or short occurs, the breaker will snap to the OFF position to protect the connected circuit. As a result, any device running on the circuit will lose power. Before attempting to reset the breaker, consider the cause. If a connected device is faulty or uses a higher amperage than the circuit breaker's capacity, turn it off before resetting the breaker.

Before resetting the breaker, you need external AC power going to the breaker box. Firmly push the breaker switch to the OFF position and back to the ON position. If the breaker snaps back to the OFF position while resetting, a fault condition still exists and should be serviced by a qualified Service Technician. Suppose the breaker stays ON but snaps back OFF after turning on a possibly faulty appliance. In that case, a fault condition may exist in that appliance that will require service by a qualified Technician.

Ground Fault Circuit Interrupter (GFCI)

Some outlets/receptacles on your Touring Coach are GFCI protected. The GFCI breaker provides reliable overload and short-circuit protection. GFCI breakers protect against ground faults and provide additional safety to the occupants of the touring coach on all outlets/receptacles. A ground fault occurs when current travels along an unintended path to ground, possibly through water or a person, which may result in an electric shock. The GFCI compares the amount of current going to and returning from the device plugged into the circuit's outlet/receptacle. When the amount of current going to the device differs from the amount returning, the GFCI interrupts the current within a fraction of a second, removing power from the circuit, and protecting the user.

Each GFCI circuit breaker is calibrated to trip with a ground current of 5 mA or more. Since most people can feel as little as 2 mA, a shock may be felt. The shock should be of such a short duration that the effects would be reduced, less than what would normally be a dangerous level. However, persons with acute heart problems or other conditions that can make a person particularly susceptible to electric shock may still be seriously injured.

While the GFCI circuit breaker affords a high degree of protection, there is no substitute for knowing that electricity can be dangerous when carelessly handled or used without reasonable caution.

The system incorporates GFCI breakers that implement an auto-self-test functionality. When turned

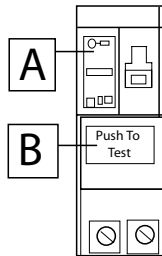
off, these breakers require external AC power to be present before they can be turned back on. If power is present, and the breaker refuses to stay on, consult an electrician or certified RV technician.

⚠ WARNING

The GFCI circuit breaker will NOT reduce shock hazard if contact is made between a HOT load wire and a neutral wire or two HOT load wires. GFCI circuit breakers provide protection only to the circuit to which it is connected. It does NOT protect any other circuit.

GFCI Breaker Test

Perform this test on the GFCI circuit breaker each month and record the date.



1. With handle A in the “ON” position, press PUSH TO TEST button B.
2. Handle A should move to the TRIP position, indicating that the GFCI breaker has opened the circuit.
3. Move handle A to the “OFF” position and back to the “ON” position to restore power.

If the device remains on when the Test button is pushed, the GFCI is not working properly or has been incorrectly installed (wired improperly). If your GFCI is not working properly, call a qualified, certified electrician who can assess the situation, rewire the GFCI if necessary, or replace the unit.

Auxiliary Fuse Locations

In addition to the 12-volt fuses and breakers located in the power center, several components of the coach are protected by in-line fuses. These are usually located at or near the components they protect. There are also several fuses located under the driver and passenger seats. For additional information, [see 12-Volt Main Schematic on page 9-14](#)

NOTICE

Most fuses will require a qualified technician to access and replace. Contact your dealer or Airstream Service Center.

120 volt System

City Power Overview

120-volt AC shoreline power (city power) enters the coach through the SmartPlug cordset connection and is routed to the power distribution center and inverter/charger. The inverter/charger serves as a pass-through when connected to shore power, supplying 120V AC power to major appliances such as the electric element of the heating and hot water system, air conditioner, cooktop, microwave, and receptacles.

In addition to its pass-through function, the inverter plays a key role when off-grid (boondocking) by converting stored 12V DC battery power into 120V AC power, allowing appliances and outlets to function without shore power. However, the available power is dependent on battery capacity and charge level.

The Energy Management System (EMS) actively monitors power usage and automatically sheds loads when necessary to help prevent circuit overloads and breaker trips; [see Energy Management System \(EMS\) on page 5-11](#).

If an outlet or appliance is not working:

- Check the circuit breakers in your touring coach and at the shoreline connection.
- If a breaker trips repeatedly after being reset, the circuit may be overloaded or have a short.
- Reduce the number of devices running simultaneously to lessen the load on the circuit.
- If the issue persists, contact an Airstream Service Center for assistance.

Outlets and USB ports

Several receptacles/outlets and USB charging ports are located throughout your touring coach's interior. An additional receptacle can be found on the curbside exterior of the touring coach.

12 volt System

Overview

Your touring coach is equipped with a robust house battery system designed for extended off-grid use and reliable power management. With its high capacity, the system supports both everyday power needs and longer off-grid stays. For detailed information on your specific setup; [see House Battery Pack on page 5-13](#).

Supporting the battery system is the Xantrex Freedom XC Pro 3000 inverter/charger, delivering 3,000 watts of continuous pure sine wave power, 6,000-watt surge capacity, and a 150A battery charger for efficient lithium battery charging; [see Inverter/Charger on page 5-12](#).

Also supporting the battery system is a secondary alternator and regulator, which supplements the vehicle's primary alternator by providing high-output charging to rapidly replenish the battery bank while driving; [see Charging via Secondary Alternator on page 5-15](#). Additionally, solar panels contribute to battery maintenance, reducing reliance on other charging sources.

State of Charge (SOC) is the primary concern when using only battery power from the onboard battery pack. With the exception of 120V AC appliances and outlets, everything runs on 12V DC power (some appliances still require 12V DC power to operate).

Power is routed from the house battery pack to the 12V DC distribution panel and through its branch circuits to the rest of the touring coach. All 12V DC current is routed to a 12V DC fuse block, which then distributes power to a busbar holding Type 2 thermal breakers. These breakers supply power to various electrical components throughout the touring coach.

⚠ CAUTION

Type 2 thermal breakers automatically reset once they cool down after tripping due to overheating from an overload or short circuit. If a breaker repeatedly overheats and trips, it should be inspected by a qualified service technician to diagnose the underlying issue.

NOTE

The engine battery and house battery are isolated from each other, preventing the two systems from drawing down simultaneously.

Undercarriage Electrical Components

Some features of the electrical system, including the battery pack, are mounted to the undercarriage. While these areas are protected from normal road debris and water infiltration from normal operation, they are not submersible.

NOTICE

It is imperative that you do not allow any part of your touring coach to be submerged in water as it could cause damage to electrical components that a warranty would not cover.

Solar System

The rooftop solar panels on your Airstream help maintain the charge and extend the life of both the house and chassis batteries. The solar charge controller regulates energy collected from the panels and directs it to the batteries. To maximize solar charging efficiency, keep the panels clean and free from shade caused by trees or structures that might obstruct sunlight. For detailed information on system operation, refer to the owner's packet. For more information on solar power, [see Charging via Solar Power on page 5-16](#) and [see Solar Ports on page 6-11](#).

Electrical System Operation

⚠ WARNING

This manual provides an overview of the electrical system, its components, and basic operation. For detailed instructions, refer to the electrical component manufacturers' manuals in your Airstream Owner's Packet. It is important to review all manufacturer instructions and safety notifications before using the system.

Battery Disconnect Switches

Battery Power Switch



Before using your touring coach, turn the battery disconnect switch ON to enable the 12-volt system. Even when connected to shore power, the switch must be ON for most onboard systems to function.

The battery disconnect switch isolates the house batteries from the 12-volt distribution panel and charging system. The Battery ON/OFF switch, located inside the entry door at the base of the multiplex panel.

When the button is pressed, it activates the motorized function of the Manual Battery Disconnect Switch causing it to rotate to the ON position.

The house and chassis batteries will continue to charge from shore power, the alternator, and solar panels even if the battery disconnect switch is turned OFF. However, when not connected to an external power source, turning the switch OFF disconnects the house batteries, cutting off all 12-volt power, except the battery heaters, which can still be manually activated with the dedicated key switch; [see Battery Heaters on page 5-14](#). It is recommended to turn the battery disconnect switch OFF during long-term storage or when conserving battery power while the coach is not in use.

Manual Battery Disconnect Switch



The motorized manual disconnect switch is located behind the left rear door and does not require user input for day-to-day use. The auto rotating function is activated by pressing the battery power switch at the main entrance.

The knob can be manually rotated past the auto OFF setting to the manual OFF position by pressing inward on the knob and rotating. Likewise, the knob can be manually rotated past the auto ON setting to the manual ON position.

NOTICE

Rotating the disconnect switch manually without pushing in can result in damage to the switch. Do not over rotate the switch. Over rotating can damage the switch rendering it inoperable, resulting in power loss.

The manual OFF feature is useful when storing the coach. With the knob set to manual OFF, the battery switch at the entry is disabled and cannot be turned on inadvertently, leading to a dead battery. Likewise, the manual ON feature is useful while camping. With the knob set to manual ON, the battery switch at the entry is disabled and cannot be inadvertently turned off, cutting power to appliances like the refrigerator.

Energy Management System (EMS)



The Energy Management System (EMS) monitors and regulates 120-volt power usage, automatically managing appliances to prevent circuit overloads. It ensures that total current draw stays within the user-selected shore power service limit, reducing the risk of tripped breakers.

The control display is in the roof locker behind the driver's seat. By default, the system starts in 30A mode when power is supplied. Pressing SELECT allows the user to cycle between service modes to match available shore power. For example, a standard home outlet typically provides 15-20A service, requiring the user to select the corresponding mode. Campgrounds often provide full 30A service, allowing the system to operate at maximum capacity. Pressing SCROLL cycles through system information, including total power usage, available service type, and currently shed appliances.

When 120V AC and 12V DC power are supplied, the system gradually energizes each EMS load control relay, allowing power to flow to connected appliances while monitoring total power consumption. If usage exceeds the service limit, the EMS will automatically shed (remove power from) appliances in the following order:

- 1 Electric heating element (heating/hot water system)
- 2 Air conditioner
- 3 Cooktop
- 4 Microwave

As each load is shed, the system calculates and stores the reduction in power demand, learning the power draw of each appliance and adjusting for voltage and temperature variations to improve accuracy.

Once power consumption drops below the limit and remains stable for at least two minutes, the EMS will automatically restore power to the shed appliances in reverse order (microwave first, then cooktop, etc.).

Inverter/Charger



Your touring coach is equipped with a Xantrex Freedom XC Pro 3000-watt inverter/charger and a remote control display (shown above). This system delivers 3,000 watts of continuous pure sine wave power, a 6,000-watt surge capacity, and a 130A battery charger for efficient lithium battery charging. The display, located in the front roof locker behind the drivers seat, provides real-time status updates, allows for settings adjustments, and offers charging information for seamless power management.

The inverter/charger functions as a pass-through, automatically directing 120V AC shore power to the onboard electrical system to operate appliances such as the electric element of the heating and hot water system, air conditioner, cooktop, microwave, and 120V receptacles. When shore power is unavailable, the inverter converts DC power from the house batteries into 120V AC electricity to run these same systems. Additionally, the charger converts 120V AC power into 12V DC to recharge the house batteries and supply power to the 12V DC system.

 The Xantrex app enables remote monitoring and management from a connected device. To learn more or download the app, scan the QR code, visit your app store, or go to the manufacturer's website at <https://xantrex.com> and navigate to the product page. If viewing a digital version of this manual, click one of the icons below. Additional component instructions may be included in your Airstream Owner's Packet.



NOTICE

Airstream calibrates all settings at the factory and recommends adjustments not be made.

NOTE

Even when not using 120V AC power, the inverter will draw a small amount of power if left on. To conserve battery power, turn the inverter off when not in use. Overloading the inverter will cause an automatic shutoff to activate. Removing the load will allow the inverter to reset.

12V Power Loss/Backup Converter

The backup converter provides emergency power for all 12V systems, ensuring your Airstream remains operational in the event of a 12V power loss. This redundancy feature is designed to keep your Airstream functional when connected to external AC shore power until the system can be serviced.

Before using the backup converter, verify that the 12V system is truly offline. First, ensure the battery disconnect switch is in the ON position by cycling it off and back on again. If you're connected to shore power or running the generator but still have no 12V power, check that the entire 12V system is down — not just a single circuit (i.e., no lights, no Firefly display, etc.). A single circuit issue may be caused by a blown fuse and wouldn't require the use of the backup converter. Finally, ensure the 110V breakers for the inverter are switched on, as the converter will not function if it cannot receive power when plugged in and the battery is dead.

Once a complete 12V failure is confirmed, locate the backup converter under the rear lounge seat, and plug it in to restore temporary 12V power if shore or generator power is available.

NOTICE

The inverter will likely not function during this condition, so boondocking will not be possible until the system is repaired. The backup converter is intended only as a temporary emergency 12V power supply. The system should be serviced as soon as practicable to restore full functionality.

House Battery Pack

Based on your selected configuration, your Airstream came from the factory with one of the following options: **Advanced Power**, which includes three 270Ah Battle Born Gamechanger LiFePO₄ (Lithium Iron Phosphate) batteries, providing a total capacity of 810Ah, housed in a pack mounted to the undercarriage at the rear of the vehicle; or **Advanced Power Plus**, which expands capacity to 1,350Ah by incorporating five 270Ah batteries into the undercarriage. If your Airstream was originally equipped with the standard 3-battery system, it can be upgraded to the Advanced Power Plus configuration later through an authorized Airstream dealer.

WARNING

For detailed information regarding your lithium batteries, refer to the Battle Born documentation in your Airstream Owner's Packet. It is essential to review all manufacturer instructions, safety guidelines, and warnings before operating or servicing the battery system.



The following is an overview of the type of batteries installed in your Airstream and the battery management system. Please read the Battle Born Gamechanger 3.0 manual (in your Owner's Packet) to learn more about using and maintaining the batteries. For additional information, scan the QR code above to visit <https://battlebornbatteries.com/> and navigate to the Gamechanger 3.0 information page.

A full discharge and recharge of the battery defines a cycle. The number of cycles a lithium-ion battery can sustain varies depending on its usage. A battery that is consistently discharged to only 50% SOC will have more cycles than a battery that is frequently discharged to 0% SOC. To learn about battery about charging options, [see Battery Management and Charging on page 5-14.](#)

Battery Management System (BMS)

The BMS is an internal component of the battery and is crucial to ensuring safe operation. The BMS monitors cell voltages, currents, and temperatures to ensure they operate in a safe range and will shut the battery down should any faults occur. The following are features of the BMS:

- Over/under voltage protection
- High current protection/short circuit
- High-temperature protection
- Low-temperature charging protection
- Cell balancing

High Voltage Disconnect

If an individual cell voltage exceeds a prescribed threshold during charging (approx. 14.7V), the BMS will prevent a charge current from continuing. Discharge is always allowed under this condition.

NOTICE

Even though the BMS will protect against issues from overcharging, it should be avoided. The recommended specs are 14.2-14.6 bulk/absorb and below 13.8 float.

NOTE

If the battery has not been balanced for a long period, a high voltage disconnect could occur at a lower voltage. The battery will rebalance after several full charges.

Low-Voltage Disconnect

If an individual battery cell falls below a prescribed threshold during discharge (approximately 10.5V), the Battery Management System (BMS) will prevent further discharge to protect the battery. If this occurs, you can wake the battery by connecting the coach to external power using the shoreline power cord or by driving the vehicle, which allows the alternator to charge the battery. Bringing a battery out of low-voltage disconnect only wakes it, enabling it to accept a charge. However, without an active charging source such as shore power or alternator charging, the battery may return to low-voltage disconnect.

NOTICE

The manufacturer states you should charge (wake) your battery within 24 hours of entering low-voltage disconnect; otherwise, you risk damaging the battery and voiding the warranty.

Temperature Limits

- The battery has an operating temperature range of -4°F (-20°C) to 135°F (57.2°C).
- The BMS will not allow a charging current under 25°F (-3.9°C) but will continue to discharge down to -4°F (-20°C).
- The BMS will not allow a charging or discharging current if the internal temperature of the battery has reached 135°F (57.2°C)

Battery Heaters

The house batteries are equipped with internal heaters to maintain optimal performance in cold conditions and to facilitate charging by keeping the battery temperature above the threshold at which the Battery Management System (BMS) prevents charging. These heaters are controlled by a key switch in the roof locker behind the driver's seat. The battery disconnect does not need to be turned on for the heaters to function.

It's important to note that the BMS will prevent charging if the battery's internal temperature drops below 25°F (-3.9°C). When the key switch is turned on, the heaters automatically engage below 35°F and disengage above 45°F, maintaining a safe charging range. The key switch can generally remain on and requires no user input during normal use. It should only be turned off during long-term storage (3 months or more) when the unit isn't plugged in, to prevent battery over-discharge from heater draw.

NOTE

The BMS will not allow a charging current if the internal temperature is below 25°F, and it will not allow charging or discharging current above 135°F.

NOTE

If the battery is in low-voltage disconnect mode and the battery temperature is below 35°F, the heat function will need some time to warm the battery before performing the wake-up procedure.

Battery Management and Charging

Battery Monitoring/State of Charge (SOC)



Your coach is equipped with a Victron Energy SmartShunt, an advanced battery monitor that measures and communicates key battery parameters without the need for a traditional display. The SmartShunt connects via Bluetooth to the VictronConnect app on your connected device, allowing you to monitor real-time data such as state of charge (SOC), voltage, current, power consumption, and estimated remaining battery life. This information assists in effectively tracking and managing your energy usage.

To learn more or download the app, scan the QR code above, visit your app store, or go to the manufacturer's website at <http://www.victronenergy.com> and navigate to the product page. If viewing a digital version of this manual, click one of the icons below. Additional component instructions may be included in your Airstream Owner's Packet.

Use the code 000000 to sign up



If the inverter use is extensive, the house battery will deplete much quicker. Even when not using 120V AC power, the inverter will draw a small amount of power if left on. When not in use, turn the inverter off to conserve battery power.

If you plan on staying longer without access to a charge or plans to drive and charge from the alternator, you will want to conserve your battery power by using as few lights and appliances as possible. The two most significant loads on the battery are heating and cooling. The more these systems run, the more energy consumption. Consider reducing the temperature on the thermostat when using the heater and increasing the temperature on the thermostat when using the air conditioner.

Charging via Shoreline Connection

Plug the SmartPlug Cordset (shoreline power cord) into an external shoreline power supply (city power). Check that the cordset LED indicator light is blue, then plug the other end into the coach's roadside SmartPlug inlet. For more information about establishing a safe shoreline connection, at home or away, [see Shoreline Power Inlet and Cordset on page 6-10](#).

Next, select the appropriate service mode to match available shore power; [see Energy Management System \(EMS\) on page 5-11](#).

The amount of time it takes to charge the batteries depends on a variety of factors, including available shore power amperage, state of charge of the batteries, efficiency of the onboard charger, ambient temperature, and any power usage within the coach. Higher amperage shore power connections (such as 30A service) allow for faster shore charging while lower amperage connections (such as 15A or 20A) will extend charge times. Additionally, extreme cold or heat can affect lithium battery charging efficiency. For a full charge from a depleted battery pack condition, typical 30A charge times for the Advanced Power 3-battery system average around 5 hours, while the Advanced Power Plus 5-battery system typically takes about 9 hours under optimal conditions.

DC-DC Converter

The DC-DC converter/charger, mounted under the driver's seat, efficiently charges the house batteries from the vehicle's alternator while driving. It is fully automated and requires no user interaction. A DC-DC charger regulates and optimizes the charge, ensuring the house batteries receive the correct voltage and amperage, which improves battery life and performance. This is especially important for lithium battery systems, as they require a higher and more stable charging voltage than standard lead-acid or AGM batteries.

The DC-DC charger draws power from the vehicle's 12V electrical system and converts it to an optimal charging profile for the house batteries. This ensures safe and efficient charging without overloading the alternator or interfering with the vehicle's starting battery. It also includes isolation features to prevent the house batteries from draining the chassis battery.

Charging via Secondary Alternator

Your Airstream is equipped with a secondary alternator that charges automatically while driving, with no user interaction required. This alternator supplements the vehicle's primary alternator, providing high-output charging to quickly replenish the house battery bank.



The secondary alternator features a high-energy external Bluetooth regulator, which can be monitored and optimized using the ARCO Zeus app. This system enhances charging efficiency, especially during extended trips, ensuring that you have ample power reserves for off-grid use. To learn more or download the app, scan the QR code above, visit your app store, or go to the manufacturer's website at <https://arcomarine.com> and navigate to the product page. If viewing a digital version of this manual, click one of the icons below. Additional component instructions may be included in your Airstream Owner's Packet.



The app features Generator Mode, capable of delivering up to 3,000W of idle charging under certain conditions. This feature allows battery replenishment even when stationary. However, prolonged idling is not recommended, as it increases fuel consumption and engine wear.

Best Practices for Optimal Performance:

- Allow the alternator to naturally charge the battery bank while driving.
- Use generator mode only when necessary and avoid extended idling.
- Monitor system performance using the ARCO Zeus app, which provides real-time system data and charge optimization.

NOTICE

While generator mode provides significant power, prolonged idling is not recommended by Airstream or Mercedes-Benz (refer to your vehicle Owner's Manual). Do not park and rev the engine, as this may cause engine damage and could void your Mercedes-Benz warranty.

Charging via Solar Power

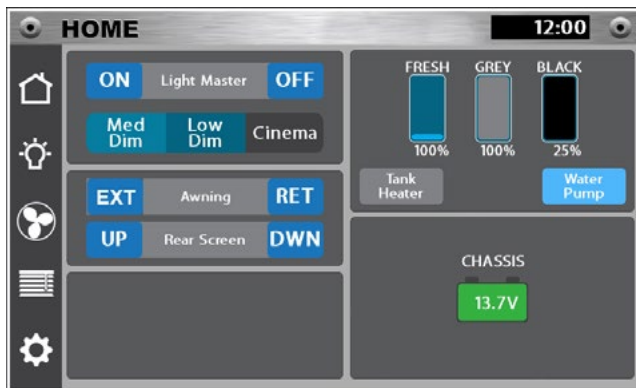
The solar charging system is designed to help maintain battery charge between shoreline or alternator charging. It operates automatically, requiring no user input.

To maximize efficiency, ensure the solar panel remains clean and unobstructed by trees or structures that could block sunlight.

For real-time monitoring of solar output, use the VictronConnect App; see [Battery Monitoring/State of Charge \(SOC\)](#) on page 5-14.

For additional details on solar power and supplemental charging options, see [Charging via Solar Power](#) on page 5-16 and see [Solar Ports](#) on page 6-11.

Multiplex System



Screen images may vary slightly with continuous improvements/firmware updates

The Firefly Multiplex System simplifies control of your touring coach's key features by integrating them into a single, intuitive touchscreen interface. Tapping a function icon toggles that system on or off. In most cases, icons are white when off and turn blue when on, although some controls, such as Light Master or Panel Lights, may not follow this color scheme.

The Home screen provides quick access to frequently used functions, along with real-time readings of tank levels and the status of major onboard systems. Use the menu bar on the left side of the screen to navigate to additional control pages for features such as lighting, awning, shades, and more—depending on your coach's configuration. A dedicated Settings screen is also available for adjusting general system preferences.

Although the interface is designed to be intuitive and easy to use, detailed instructions for specific systems are provided throughout this manual in their respective sections.

NOTICE

The Multiplex System is self-resetting should a circuit trip. The owner should never need to reset the system for any reason. If the main control panel or remote panels are not operating, this could indicate a short in the wiring that will require service by a certified technician.

NOTICE

You may encounter Warning screens when entering settings. Some Changes will affect functions of the touchscreens and your touring coach and should only be changed by a trained technician.

Cleaning the Multiplex Touchscreens

To clean the glass surface of the LCD touchscreens, power down the system and then gently wipe it with a soft, slightly damp cloth (using ONLY minimal amounts water or lens cleaner). Ensure the LCD is fully dry before powering the system up again.

NOTICE

The components of the Firefly system must not be exposed to liquids or moisture of any kind. The only approved exception is cleaning of the glass surface of LCD touchscreens.

Multiplex Bluetooth® App

The multiplex system can be controlled wirelessly via Bluetooth® connection using the Vegatouch Mira app while in proximity to the touring coach. To download the app and connect via Bluetooth®:

1. Go to the settings screen on the multiplex panel inside your touring coach and tap the gear icon.
2. Select “mobile app” to reach the Mira information page where the required PIN is displayed.
3. Scan the QR code, download the app, and follow the on-screen instructions to connect using the PIN.

If you are unable to scan the QR code, search your app store for Mira, or select one of the following icons:



Lighting

The Multiplex System touchscreens control the LED lighting throughout your Airstream. The “Home” and “Lights” screens have a “Light Master” switch that will allow you to instantly turn all the interior lighting in your touring coach, on or off.

Light Master Memory Feature:

The Light Master function has a memory. If you turn off individual lights and then press Light Master OFF, it will recall what lights were on the next time you press Light Master ON, and only those lights will come on. Hold the Light Master ON for more than 1 second to reset the memory and turn on all the interior lights.

Light Master **LOCK** Feature:

If Light Master OFF is held or pushed twice, the Light Master On will not respond. Hold the Light Master ON to resolve.

NOTE

Since your Airstream has LED lighting, there are no lights to change. If an LED light stops functioning, it will require service or replacement.

Entertainment Systems

TV and Sound System

 Your Airstream has Bluetooth® enabled Smart TVs and a Fusion® Stereo with Bluetooth®, FM radio, AUX, and USB connectivity. You can listen to TV audio through the sound system by pairing it to a TV.

To learn more or download the app, scan the QR code above or visit your app store and search for Fusion Link. If viewing a digital version of this manual, click one of the icons below:



NOTE

If the main “battery disconnect” switch does not power off the stereo, press the stereo power button to turn it off.

TVs can also be paired to headphones and portable speakers but they will only allow one device at a time to be paired. The following sections provide basic instructions for connecting devices, which are subject to change with new product developments and improvements. Please refer to the TV and stereo manuals in your owner’s packet for additional details. Some TV’s also have manuals available through the on-screen menu.

Subwoofer

The subwoofer level is controlled by a small knob in the roof locker behind the driver’s seat. Use the control to set the subwoofer to the desired level.

TV and Audio Component Pairing

To pair the desired Bluetooth audio component (stereo/headphones/portable speaker) with your Airstream’s TV, place the audio component into pairing mode. Then, enter the TV’s settings menu and follow the prompts to select the desired Bluetooth device from the device list.

Smartphone and Stereo Pairing

Most smartphones can be paired with a stereo to stream music. Place the stereo into pairing/discoverable mode, enable Bluetooth on your smartphone, scan for nearby devices, and select the stereo.

Blu-ray/DVD Player and Streaming Device Connection

Blu-ray/DVD players and streaming devices can be connected to the TV using the HDMI cable located in the roof locker behind the driver’s seat (may require an adapter). Devices can be powered using the nearby outlet. Streaming devices require internet access; [see Airstream Connected RV Antenna Pre-Wire on page 5-19](#).

Smartphone and Stereo USB Connection

To direct-connect most smartphones and other digital media devices, plug your device’s USB cable into the USB port near the stereo and overhead cubby. Once connected, change the stereo’s source from its current setting to USB.

TV/Radio Antenna



The roof-mounted TV/Radio antenna receives free Local VHF/UHF TV signals and FM radio signals. The signal is boosted to maximize signal strength and provide TV and radio reception.

The antenna booster is controlled by a switch on the antenna booster’s wall plate in the roof locker behind the driver’s seat. Press the small pushbutton on the wall plate to turn **ON** the booster. To view cable or satellite, you will need to turn it **OFF**.

The antenna is constructed of durable automotive-grade plastic that is UV-protected, weatherproof, and capable of withstanding outdoor climates. Clean the antenna with mild soap and water only. Do not powerwash or use harsh cleaning solutions, solvents, or alcohol to clean the antenna or antenna base.

Cable TV Hookup & Outdoor Viewing Setup

Connecting Cable

You can establish a cable connection by attaching a service provider's coax cable to the roadside external coax cable inlet. For location, [see Exterior Components on page 6-4](#).

Setting Up an Outdoor TV

For outdoor viewing, there is a coax cable outlet, roadside, near the rear of the vehicle, and a 120V outlet next to it, allowing you to connect and set up a television outside; [see Exterior Components on page 6-4](#) and [see 120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet on page 6-11](#).

Switching Between Cable and Antenna

To view cable, turn **OFF** the antenna booster by pressing the small round pushbutton on the antenna booster's wall plate (located in the roof locker above the passenger seat). To return to viewing a boosted antenna signal, press the button **ON**.

Antenna Pre-Wiring

Cable/Satellite Connection



External Hookup:

You can establish a cable TV or satellite connection by attaching a cable TV service provider's coax cable, or a satellite coax cable, to the external roadside cable/satellite inlet.

Roof Mounted Satellite Pre-Wire

The touring coach is pre-wired with a coax cable for a roof mounted satellite antenna. One end of the cable is coiled in the microwave cabinet and the other end is coiled behind the removable entertainment cabinet side panel where the TV booster is mounted. A receiver can be placed inside the cabinet. An HDMI cable is located in the center roof locker and runs to the rear wardrobe; [see Audio/Video Schematic on page 9-25](#).

Starlink Pre-Wire

You can establish a Starlink connection using the curbside external ethernet port; [see 120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet on page 6-11](#). Once a connection is established externally, you can complete the set up on the interior by accessing the internal ethernet port and 110V outlet in the roof locker next to the microwave.

Airstream Connected RV Antenna Pre-Wire

 Your Airstream is pre-wired for the aftermarket installation of a Connected RV high-gain multi-band antenna. This antenna, along with the Airstream router (sold separately), provides access to the Internet by creating a local area network. For more information, scan the QR code above or visit <https://www.airstream.com/connected/>. Stay connected to the amenities you demand with a boosted Wi-Fi signal or a dedicated 4G LTE-A internet service (requires data plan activation). Contact your preferred dealer's service department to schedule your installation.

NOTE

A data plan is required to activate the Connected RV features when purchasing an Airstream antenna and router. Instructions on setting up and data plans will be included with the router.

Appliances

The appliances installed in your Airstream each come with a manual provided by the appliance manufacturer, which can be found in your owner's packet. It is important to read and follow the appliance manufacturer's instructions before using an appliance. These manuals contain important safety warnings and instructions on how to use and properly maintain the appliance.

The information contained in the appliance manuals supersedes any information contained in the Airstream Owner's Manual content on appliances. If you believe contradictory information on appliances is contained in this manual, or if any appliance manual(s) have not been provided with your Airstream, contact your dealer, the respective appliance manufacturer, or Airstream Customer Service at 937-596-6111 or email: support@airstream.com.

Maintenance

Follow the instructions and Warnings noted in the respective appliance and equipment owner's manuals.

Air Conditioner

Your owner's packet includes literature with detailed operating and maintenance instructions. If misplaced, contact the A/C manufacturer or an Airstream dealer for a replacement copy.

Adequate voltage is essential for proper A/C operation. Some campground shoreline outlets may not provide sufficient power, particularly in older or poorly maintained parks, which can result in low voltage conditions. To help ensure reliable operation, park your touring coach as close as possible to the power source so the power cord plugs directly into a receptacle near the fuse or circuit breaker box. Avoid using extension cords and adapters whenever possible. If an extension cord is necessary, use the shortest and heaviest gauge available to maintain proper power supply.

If high temperatures are expected, park in a shaded area when possible. Turning on the A/C early in the morning is also more efficient than cooling a hot interior later in the day. Maintaining a steady, comfortable temperature requires less energy than trying to lower the temperature after the space has already heated up.

NOTICE

**Clean filters Weekly when A/C is in full use.
Review the air conditioning literature supplied in
your owner's packet before proceeding.**

Cooktop

Your Airstream is equipped with a single-burner induction cooktop, which requires specific types of cookware to function properly. Unlike traditional cooktops, which use an open flame or electric element to heat the pan, an induction cooktop uses magnetic induction to generate an electrical current directly in the cookware. This causes the pan itself to heat up—rather than the cooktop surface—resulting in faster, more efficient cooking and improved temperature control.

Cookware must be made from a metal that responds to a magnetic field. Cast iron and most types of stainless steel are compatible. Other types of cookware, such as aluminum, will only work if specifically designed for induction use with a bonded layer that responds to a magnetic field.

To test if cookware is compatible, simply hold a magnet to the bottom. If the magnet sticks, the cookware should work with the induction cooktop.

⚠ WARNING

An operation manual for the range has been provided with your owner's packet. Their manual contains specialized warnings and cautions that should be reviewed prior to operating the appliance.

Ceiling Vent Fan

It is recommended to use the ceiling vent fan to remove hot air from inside the touring coach when the outside temperature does not require air conditioning or when cooking to remove smoke, steam, and other cooking fumes and odors. The ceiling vent fan can create a balanced airflow by opening a window during operation, allowing fresh air to be drawn in while hot, stuffy air is exhausted. The controls for the roof vent have been incorporated into the Multiplex System.

Operation

Manual Mode; open or close the vent lid by pressing the UP/DOWN icons on the multiplex touchscreen. Turn the fan on or off and select the desired fan speed.

Auto Mode; the fan has a built-in thermostat controlled by the multiplex system. Press AUTO, then tap the UP/DOWN icons to set the desired temperature. The vent lid will automatically open, and the fan will turn on and off as your touring coach heats up and cools down.

NOTE

The vent can be put into AUTO only when HVAC is set to off. In AUTO, the vents will only shut off and close when the internal temperature is 2° below the set point. Setting the climate control to anything other than off will bring the vent fan out of auto mode.

Rain Sensor

The fan is equipped with a rain sensor. When it becomes wet, the dome automatically closes, and the fan turns off. The dome will reopen once the sensor has dried out, and the fan will restart.

Cleaning Instructions

1. Turn the fan motor off and remove power by turning off the battery disconnect.
2. Rotate the screen retainers to remove the screen.
3. Clean the screen with a mild soap and water solution, air dry, and reinstall.

⚠ CAUTION

Do not operate the fan with the screen removed as this could result in damage or injury.

NOTICE

Never place Lindeen™ or a similar cover over the ceiling fan. Greatly restricted airflow and increased sound levels will occur.

NOTICE

Do not use petroleum containing additives or solvent based products on any of the vent's components. The use of non-compatible chemicals will cause cracking and product failure.

Exhaust Vent



Operation

The bath exhaust vent removes moisture from the air when using the shower. To operate, you first need to open the vent by pushing upward on the handle. Once open, turn the fan on by pressing the ON/OFF button.

Turn the fan off before closing the vent. Pull down on the handle to close.

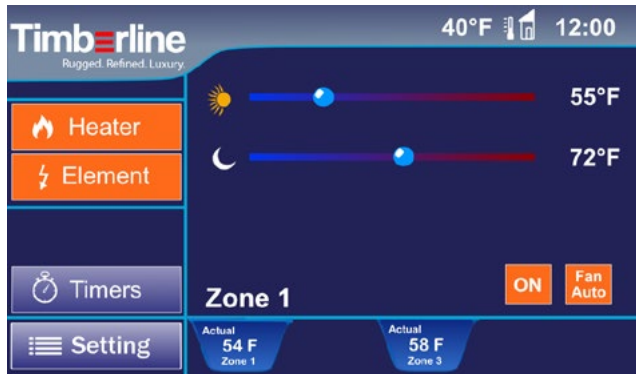
NOTICE

Turn off the fan before closing the vent. Damage to the motor can occur if the fan runs with the vent closed. Always close the vent prior to travel.

⚠ CAUTION

Do not operate the fan with the screen removed as this could result in damage or injury.

Hydronic Heating and Hot Water System



Your Touring Coach has a diesel/electric hydronic heating and on-demand hot water system that runs on diesel fuel and an electric element, eliminating the need for LP gas. The system gets its fuel from the vehicle's diesel fuel tank.

⚠ DANGER

DO NOT run the hydronic heating/hot water system in an enclosed building or a partly enclosed area such as a garage where exhaust fumes can accumulate and create unsafe conditions; see Diesel Exhaust on page 2-7

⚠ WARNING

Carefully read all the manufacturer's instructions prior to operating. NEVER store flammable material in close proximity to the exhaust outlet on the side of the touring coach. Hot exhaust system components can cause burns if touched, even briefly.

NOTE

The system will automatically shut OFF if the Coach's fuel tank reaches the one-quarter level, leaving enough fuel to travel to a refilling station.

The heater portion of the system operates by circulating a heat transfer fluid (RV boiler antifreeze) through quiet air handlers that provide soft, radiant heat to warm the Coach's interior. When the Coach is cold, the fans run on high until the interior temperature reaches its target. The fans then automatically slow down to maintain comfort levels.

The water heater portion of the system circulates the same fluid through an instantaneous water heat exchanger, which produces hot water for showers and kitchen use.

The Timberline touchscreen display controls the system. When making selections, the display's various touch controls change from blue **OFF** to orange **ON**.

The controls allow you to adjust the heat and whether you want to utilize diesel fuel and/or electric:

- The **HEATER** icon controls the diesel fuel burner
- The **ELEMENT** icon controls the 1500W electric element

See your Owner's Packet for a copy of the Timberline User Manual, where you will find detailed operation, maintenance, and troubleshooting instructions. Or, visit Timberline's website: <https://timberlineheat.com>

Heater and Water Heater Operation - Shore Power

When both the HEATER and ELEMENT icons are selected, the system automatically prioritizes using heat from the electric element. If there is greater heating demand on the system, the diesel burner will automatically engage and heat the antifreeze for circulation.

The diesel HEATER should only be operated when the vehicle is outside.

1. Select ELEMENT to activate the electric heating element (conserves fuel while connected to shoreline); and/or:
2. Select HEATER (prioritizes electric element and allows the system to engage the diesel powered heater based on demand).
3. Select ZONE 1 [FRONT] or ZONE 3 [REAR] using the tabs at the bottom of the screen.
4. Select the ON/OFF icon to turn the heat on or off for the selected zone.
5. Use the sliders to adjust the system to your desired temperature for each zone. The top slider adjusts daytime temperatures. The lower slider sets nighttime temperatures. Times for day and night can be adjusted in the settings menu.

Water Heater Only Operation - Shore Power

1. Select ELEMENT to activate the electric heating element (conserves fuel while connected to shoreline); and/or:
2. Select HEATER (prioritizes electric element and allows the system to engage the diesel powered heater based on demand).

Heater and Water Heater Operation - Boondocking

The diesel HEATER should only be operated when the vehicle is outside.

1. Select HEATER.
2. Select ZONE 1 [FRONT] or ZONE 3 [REAR] using the tabs at the bottom of the screen.
3. Select the ON/OFF icon to turn the heat on or off for the selected zone.
4. Use the sliders to adjust the system to your desired temperature for each zone. The top slider adjusts daytime temperatures. The lower slider sets nighttime temperatures. Times for day and night can be adjusted in the settings menu.

Water Heater Only Operation - Boondocking

1. Select HEATER to turn on the water heater.

NOTE

When boondocking, the Element icon will change color when selected, but will not function unless connected to shoreline power.

Storage Mode

You can place the system in storage mode for short-term storage between trips. For information on how to use storage mode, see the Timberline User Manual provided in your Owner's Packet.

Safe Operation

DO NOT run the hydronic heating/hot water system in an enclosed building or a partly enclosed area such as a garage where exhaust fumes can accumulate and create unsafe conditions.

For information on the safe operation of this system read the Timberline User Manual provided in your owner packet, and also, [see Diesel Operated Systems on page 2-2](#) and [see Diesel Exhaust on page 2-7](#).

Maintenance

The Hydronic Heating and Hot Water System requires periodic maintenance. For information about maintaining this system read the Timberline User Manual provided in your owner packet, and also, [see Maintenance Schedule on page 9-2](#).

Microwave Ovens

Refer to the manufacturer's instructions included in your owner packet.

Refrigerator

Review all refrigerator literature supplied in your owner's packet or stored in the refrigerator prior to operating it.

Operation

The refrigerator operates on 12 volt current coming from the converter. All units are supplied with a wide range thermostat designed to sense the evaporator (cold plate) temperature. The coldest position on the thermostat is reached by turning the knob to the right (clockwise); conversely turning the thermostat knob to the left (counterclockwise) yields a warmer setting. The OFF position is reached by turning hard counterclockwise past the click. The reference point is shown with an indicator sticker beside the knob.

Start up

Turn the power on and set the thermostat between 3 and 4. You can make further adjustments to suit your personal requirements after the box has cooled down. Allow the refrigerator to come down to temperature before loading with product. Adding pre-cooled product will help keep the temperature stable when loading. Setting the thermostat to a higher setting e.g., 7, will not decrease the time required for the unit to cool down to its normal operating temperature.

NOTE

The refrigerator requires 12V power to operate. You must have the battery disconnect switch in the ON position even if plugged into shore power.

Defrost and Cleaning

The frequency of defrost is dependent on the number of door openings, the ambient temperature and the humidity level. Typically, it is a good practice to defrost once there is ¼ inch of frost buildup on either side of the evaporator (cold plate). When defrosting, the unit is shut off by turning the thermostat counterclockwise to the OFF (0) position. Prop the door open. We suggest placing a towel in the bottom of the refrigerator to catch excess moisture.

Now that the unit has been defrosted, the interior can be cleaned with a non-abrasive cleaner. Do not use "Brillo" or "SOS" type abrasive pads, as they will score the surfaces. Baking soda is recommended.

NOTICE

Speeding up the defrost process with a knife or scraper is strongly discouraged due to the likelihood of rupturing the refrigerant circuit.

AIRSTREAM®

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Exterior Care

 Airstream Supply Company is your trusted source for Airstream-approved cleaners, sealants, and other care products and supplies needed to properly maintain your Airstream's exterior. Scan this QR code to visit and explore our recommended assortment of RV care products and much more at airstreamsupplycompany.com.

Mercedes-Benz Sprinter painted the exterior of your Airstream before it arrived at the Airstream factory. The Airstream up-fitted and body kit portions were sent out and painted for Airstream during production.

⚠ WARNING

Your Sprinter Owner's Manual contains detailed cleaning and care instructions for painted surfaces and important safety information. Please read Sprinter's Cleaning and Care instructions before proceeding.

Airstream provides this section to help you understand the finish and its care. Following these instructions will help maintain your recreational vehicle's high-gloss finish.

⚠ WARNING

Information on finish care may provide additional information and tips on the use of the Sprinter Van as a touring coach, however, no information about the exterior finish of your touring coach in this manual should be interpreted as advice or directions to disregard or void the warnings, cautions, or other information contained in the Sprinter's manuals.

Painted Surface Care

The painted finish on your touring couch consists of a layer of acrylic urethane base coat paint (the pigmented application that provides the color) and a top layer of clear coat. The protective clear coat surface requires regular maintenance, especially in harsh environments where it is more susceptible to damage.

Clear coats lose gloss and appear to fade as environmental and road contaminants accumulate on the surface over time. Regular washing is necessary to keep the surface from being damaged by contaminants (like road salt). However, washing alone will not adequately remove all forms of contamination and does not provide clear coat protection.

To maintain and protect the longevity of the clear coat, the surface must be waxed or sealed periodically after washing. Waxes and sealers protect the top coat from damage caused by the accumulation of environmental contaminants like bugs, bird droppings, tree sap, acid rain, ultraviolet exposure, and moisture. They also protect against road contaminants like salt and tar and help prevent scratches, swirl marks, and chipping. As an added benefit, they enhance the appearance, improving resale value.

If the paint is chipped, it should be repaired with touch-up paint. If the base coat is exposed, it will deteriorate over time, and the exposed metal surface will eventually rust. Contact your Airstream dealer for the correct touch-up paint. Paint color codes can be found on a sticker on the driver's seat pedestal.

Clear coat surfaces that have not been well maintained can develop imperfections like oxidation, swirl marks, and scratches, which may require professional detailing (polishing). Detailing should only be accomplished by a qualified technician or professional detailer.

Washing the Exterior

Before you begin, verify that all vents and windows are closed. Ensure the touring coach's surface temperature is not too hot (under 90°F). Direct sunlight causes water and soap to evaporate quickly, resulting in water spots, so try to wash the coach in a shaded area. If only partially shaded, keep the vehicle wet by hosing it down occasionally.

Airstream recommends using microfiber wash mitts. Inspect the wash mitt each time you pull it from the bucket to ensure it hasn't picked up debris. It's good practice to use two mitts, one for the wheels and undercarriage and one for painted surfaces. Soft bristle brushes are acceptable for use on tires, wheel wells, but are not intended for use on painted surfaces.

Fill a clean bucket with warm water and mild soap or a car wash shampoo, which most auto parts stores and large retailers carry. Avoid combination wash-n-wax products, as these waxes may cause buildup and are better suited for smaller vehicles.

Working your way from the top down, start by thoroughly rinsing the entire vehicle with a hose to remove debris that could scratch the surface. Dip the wash mitt into the bucket, and without ringing it out, wash all surfaces, working your way from the top down, frequently rinsing to minimize grit abrasion. Follow with a final rinse of water.

Dry the surface and windows with a chamois or microfiber towels, working from the top down. Check for debris as you go, especially when working close to the ground. Open all the doors and wipe down the door jams, edges of the doors, and door seals. Drying and cleaning these areas can help prevent the buildup of contaminants that can hold moisture and cause rust on any vehicle. Keeping the seals and jams clean also provides a better surface for the doors to seal when closed. Finish by drying off the wheel rims and tires.

⚠ WARNING

Do not use a round spray nozzle when pressure washing. Doing so can cause unseen damage to tires and other critical vehicle components, which may cause them to fail unexpectedly. Maintain a proper distance of approximately 1 foot when using a 25° nozzle. Never point the jet nozzle at tires, moldings, hoses, electrical components, seals, plug connections, etc.

NOTICE

Do not use solvent-based cleaners. Refer to the Sprinter manual's cleaning section for products to use on tough spots like insects and tree resin.

NOTICE

Never use any abrasive pads, course brushes, or harsh/abrasive chemical cleaners especially those offered by most automatic car wash operations. Wheels should be cleaned after each exposure to harmful chemicals/materials.

Protecting the Exterior

Only apply waxes or sealants directly after washing the coach to ensure no dirt remains that could scratch the paint, and only apply waxes or sealers in a shaded area. Always follow the directions on the product label. Some product labels may recommend applying wax to the entire vehicle and letting it dry before removal. However, with the large surfaces of a touring coach, it is best to work in sections, applying the wax to a portion, letting it dry, and removing it before moving on to another section. Use a high-quality microfiber towel to remove wax. Turn the towel frequently. Check the towel for debris as you go, especially when working close to the ground. Remove dried polish from crevices, trim, and moldings when finished.

NOTICE

Rubbing or polishing compounds should only be applied by experienced technicians.

Seam Sealant Inspection

It is recommended that the caulking and sealant used in external seams and joints, such as window frames, light bezels, beltline, rub-rail molding, etc., be checked regularly. If this material has dried out or cracked, or if a portion has fallen out, it should be replaced with fresh material to prevent possible rain leaks. Caulking and sealing products are available from your touring coach dealer, most RV supply stores, and Airstream Supply Company.

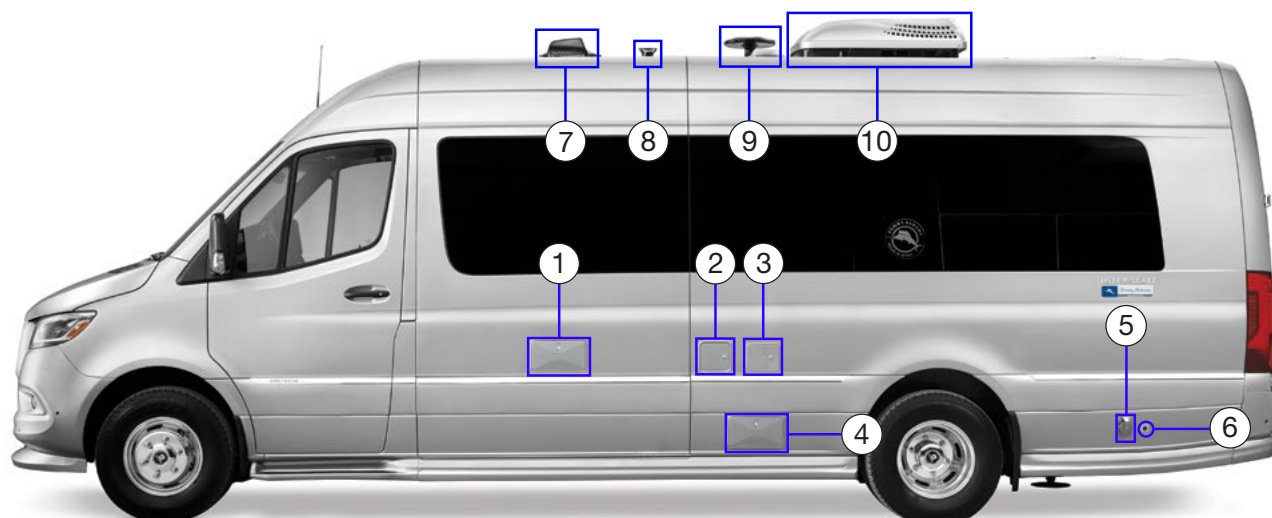
Body Kit

The body kit provided by Airstream is made from state-of-the-art high impact plastic. The same material is used in the automotive industry for moldings, bumper guards, and trim. The kit is made to color specifications and requires no paint or finish. The cleaning procedures are the same as the painted finish on the Sprinter body; however, there are several automotive plastic care products on the market for exterior parts that will provide added protection from UV ray damage, dirt, and stains. Find one you like and use it as often as needed to help prevent fading.

Exterior

Exterior Components

Roadside (GL)

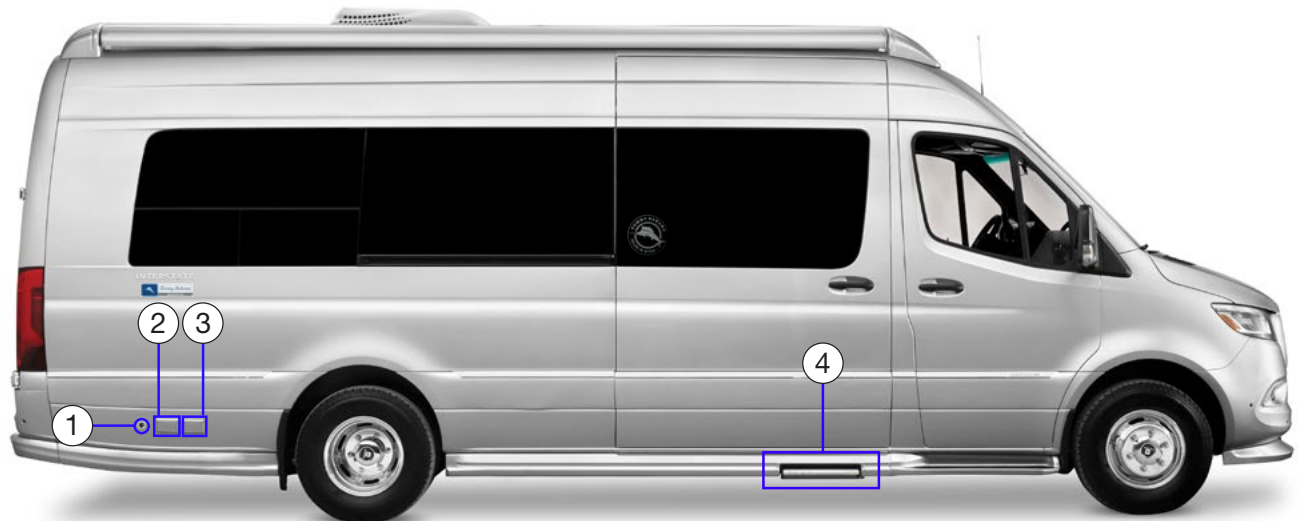


NOTE

Sections 6 and 9 contain additional information about these components. Mid-production changes may affect the exact location of the features shown above.

1. Water Management Panel: use to fill fresh water, dry camp, hook up to city water, and winterize/ sanitize; [see Water Management Panel on page 6-8](#).
2. Exterior Shower Outlet: can be used on the water pump or with the city water hookup after faucet/ valve/hose assembly is inserted; [see Exterior Shower on page 6-9](#).
3. Utility Hatch, contains:
 - Switches for the dump valves, macerator pump, and macerator pump high-pressure hose reel; [see Emptying the Holding Tanks on page 9-8](#).
 - Cable/Satellite TV inlet. A portable satellite dish can be connected and used in this cable connection; [see Cable/Satellite Connection on page 5-19](#).
4. Macerator Hose Reel Compartment: stores the electric reel holding the pump hose and the waste tank flush; [see Macerator Pump on page 9-7](#).
5. SmartPlug Power Cord Inlet: the 30 amp power cord is stored inside the vehicle and is used to provide external AC power to the touring coach; [see Shoreline Power Inlet and Cordset on page 6-10](#).
6. Solar Port: designed as a quick plug-in for a portable solar charging kit; [see Solar Ports on page 6-11](#).
7. Connected RV Pre-wired Antenna. Provides access to the internet by creating a local area network. Router required (sold separately); [see Airstream Connected RV Antenna Pre-Wire on page 5-19](#).
8. Plumbing Vent.
9. Power Boosted Omni-directional TV Antenna: wired into TV outlets on exterior of coach and inside unit at entertainment center cabinet; [see TV/ Radio Antenna on page 5-18](#).
10. Rooftop air conditioner; [see Air Conditioner on page 5-20](#).

Curbside (GL)



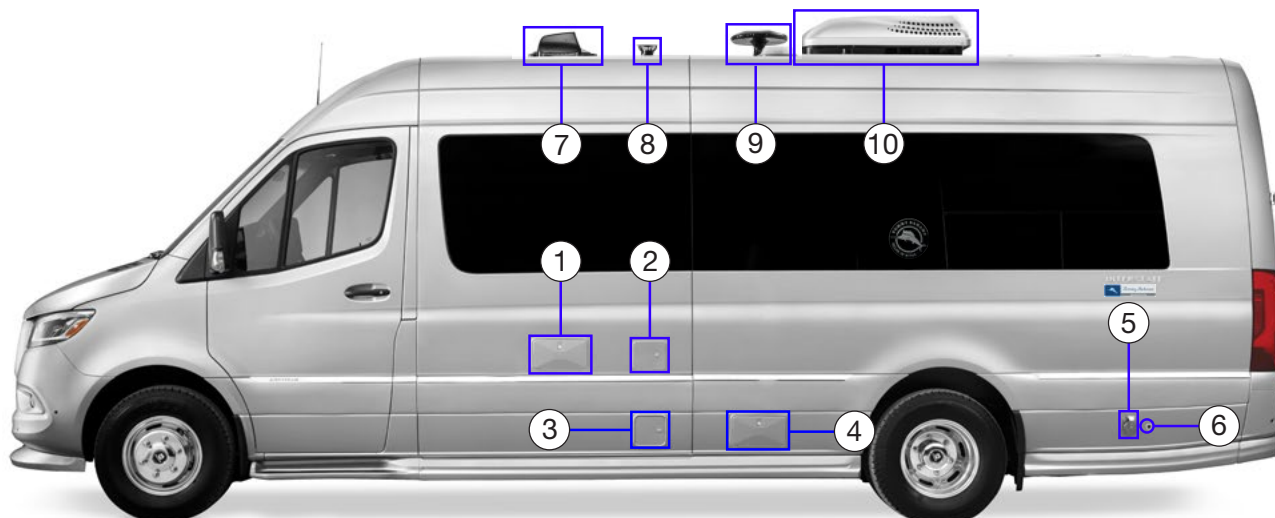
NOTE

Sections 6 and 9 contain additional information about these components. Mid-production changes may affect the exact location of the features shown above.

1. Solar Port: designed as a quick plug-in for a portable solar charging kit; [see Solar Ports on page 6-11](#).
2. Exterior 120-volt GFCI protected electrical outlet; [see 120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet on page 6-11](#).
3. Cable TV Outlet/Ethernet Inlet; [see 120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet on page 6-11](#).
4. Sliding Step: auto retract and has a step out warning buzzer and a lock extended switch for easy entry into the touring coach; [see Exterior Sliding Step on page 6-9](#).

Exterior

Roadside (GT)

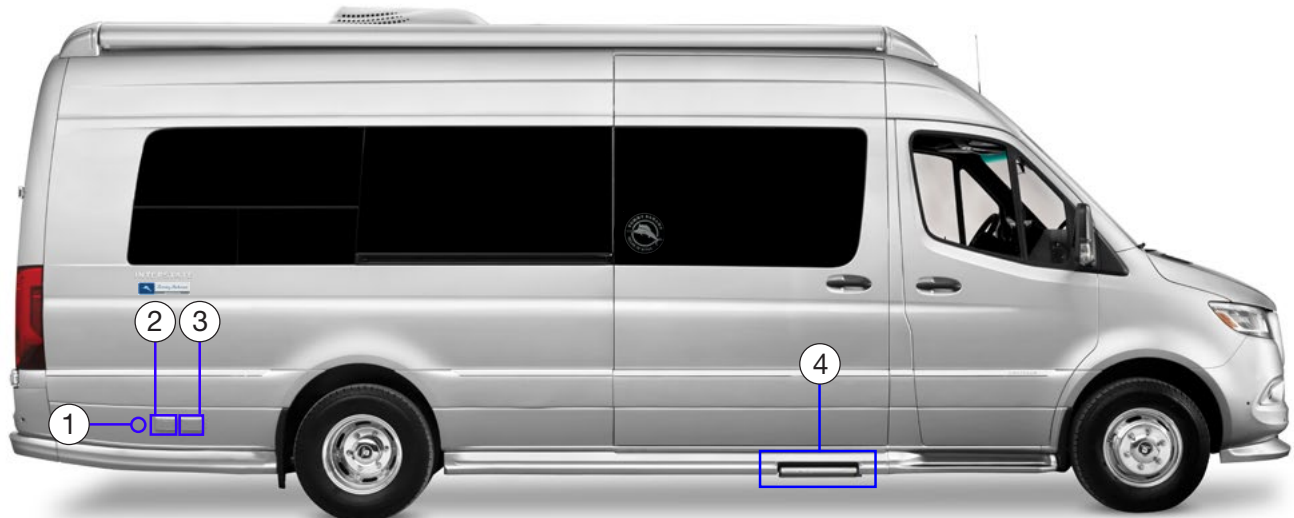


NOTE

Sections 6 and 9 contain additional information about these components. Mid-production changes may affect the exact location of the features shown above.

1. Water Management Panel: use to fill fresh water, dry camp, hook up to city water, and winterize/sanitize; [see Water Management Panel on page 6-8](#).
2. Utility Hatch, contains:
 - Switches for the dump valves, macerator pump, and macerator pump high-pressure hose reel; [see Emptying the Holding Tanks on page 9-8](#).
 - Cable/Satellite TV inlet. A portable satellite dish can be connected and used in this cable connection; [see Cable/Satellite Connection on page 5-19](#).
3. Exterior Shower Outlet: can be used on the water pump or with the city water hookup after faucet/valve/hose assembly is inserted; [see Exterior Shower on page 6-9](#).
4. Macerator Hose Reel Compartment: stores the electric reel holding the pump hose and the waste tank flush; [see Macerator Pump on page 9-7](#).
5. SmartPlug Power Cord Inlet: the 30 amp power cord is stored inside the vehicle and is used to provide external AC power to the touring coach; [see Shoreline Power Inlet and Cordset on page 6-10](#).
6. Solar Port: designed as a quick plug-in for a portable solar charging kit; [see Solar Ports on page 6-11](#).
7. Connected RV Pre-wired Antenna. Provides access to the internet by creating a local area network. Router required (sold separately); [see Airstream Connected RV Antenna Pre-Wire on page 5-19](#).
8. Plumbing Vent.
9. Power Boosted Omni-directional TV Antenna: wired into TV outlets on exterior of coach and inside unit at entertainment center cabinet; [see TV/Radio Antenna on page 5-18](#).
10. Rooftop air conditioner; [see Air Conditioner on page 5-20](#).

Curbside (GT)



NOTE

Sections 6 and 9 contain additional information about these components. Mid-production changes may affect the exact location of the features shown above.

1. Solar Port: designed as a quick plug-in for a portable solar charging kit; [see Solar Ports on page 6-11](#).
2. Exterior 120-volt GFCI protected electrical outlet; [see 120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet on page 6-11](#).
3. Cable TV Outlet/Ethernet Inlet; [see 120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet on page 6-11](#).
4. Sliding Step: auto retract and has a step out warning buzzer and a lock extended switch for easy entry into the touring coach; [see Exterior Sliding Step on page 6-9](#).

Exterior Features

Wheel Rims

Cleaning Instructions

These rims require no chemicals to clean them. Simply use a mild soap, water, clean towel, and rinse. Follow these steps for an easy clean and shine.

1. Rinse the wheel prior to washing with a brush. This will prevent scratching.
2. Mix a mild detergent and water. Any car wash or household detergent will work.
3. Using a soft clean brush and soap solution, clean the rims. (Do not use any abrasive-type brushes or pads.)
4. After cleaning the surface, rinse thoroughly to remove all soap so it will not spot. Towel drying will help this as well.

NOTICE

When using a power washer, maintain a proper distance from the touring coach. The proper distance is approximately 2.2 ft. when using a round jet nozzle, and 1 ft. when using a 25 degree flat spray jet nozzle. Never point the jet nozzle at moldings, hoses, electrical components, seals, plug connections, etc. Never use round jet nozzles on tires, the pulsating water can damage the sub-structure of tires.

Windows

Clean your touring coach windows the same way you clean the windows in your home. Clean the seals with a damp cloth and mild detergent every 3 to 6 months. Do not use strong solvents, as they will damage the seals. A coat of natural silicone lubricant applied after the seal has dried will keep it flexible. Spread the lubricant evenly with a brush or finger, working it into the surface. This is a good practice for all rubber seals in your touring coach.

⚠ WARNING

Failure to properly clean and lubricate the window seals could result in the window sticking to the jamb and should only be released by a qualified technician trained in the procedure. Do not force, pry, or apply great pressure to open the window.

For replacement of a damaged window, contact an Airstream Service Center.

Water Management Panel



The Water Management Panel located on the roadside of the coach is multipurpose. It features a low lead brass inlet valve with four selections:

1. Tank Fill - select this setting to fill the fresh water tank from a pressurized city water source.
2. Dry Camping (boondocking) - select this setting to run fixtures from the fresh water holding tank.
3. City Fixtures (city water hookup) - select this setting to run fixtures from a pressurized city water source. This setting can also be used when connecting compressed air for winterization; [see Winterizing and Storage on page 9-10](#).

NOTICE

Use the City Fixtures setting for compressed air winterization. Do NOT exceed MAX 50 PSI when using compressed air to clear the system of water during winterization.

NOTICE

The valve is regulated to 50 PSI. The 100 PSI MAX label on the panel only refers to the inlet valve's max pressure.

4. Sanitize/Winterize - select this setting to use the water pump to draw sanitization solution or RV antifreeze from an unpressurized container into the water system when sanitizing or winterizing; [see Sanitizing on page 9-6](#) and also [see Winterizing and Storage on page 9-10](#). NOT for use with compressed air. See 3 above.

City Water Hookup

Connect to a city water supply using a 1/2 inch diameter tasteless, odorless, non-toxic, high-pressure hose with a standard garden hose thread designed for RV use. Turn on the city water supply and slowly open a faucet. There will be sputtering at the fixture until all the air is expelled, which may take some time. Once you have a steady flow at one faucet, open others to expel the remaining air.

Fresh Water Tank Fill

Fill the fresh water tank using the same hose used above. A small vent next to the inlet allows air to expel from the tank when filling.

It's a good idea to let the water run through the hose for a short time to flush it out. Some users will fill their tank with water from home to avoid distasteful water from another location. Keep in mind the more water carried in the fresh water tank, the less cargo carrying capacity you have for other items.

⚠ CAUTION

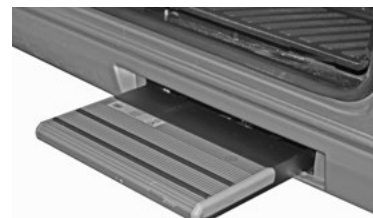
Only use a tasteless, odorless, non-toxic hose designed to prevent bacteria growth to fill the fresh water tank.

Exterior Shower



All units are equipped with an exterior shower. This shower consists of a shower hose, shower head, and water valves inside a lockable exterior door. Water is supplied by the pump or city water hookup. To use: insert the hose into the inlet, pull back slightly to verify it is securely connected. Press the spout button and rotate the faucet handles to the desired temperature. To remove the hose assembly, hold back the water inlet fitting while simultaneously pulling out on the hose fitting. Be sure to press the spout button to relieve any residual pressure before removing the hose.

Exterior Sliding Step



The curbside sliding door has a sliding step with auto retract, step out warning buzzer, and a lock extended switch located on the multiplex panel just inside the sliding door. Please read, understand, and instruct passengers of the following operational and safety information pertaining to the step.

The step extends and retracts as the sliding door is opened and closed with the engine off and step lock extend switch off. The step retracts automatically and will not extend when the engine is started to prevent damage while in transit.

If the step does not retract fully, a warning buzzer will sound. The vehicle should not be driven if the step fails to retract completely. This buzzer is controlled by a 10-amp fuse.

An undercarriage light, extending from wheel to wheel, has been added for your convenience. This step light can be turned on/off or dimmed using the multiplex panel, located just inside the sliding door, labeled "under coach".

Lock Extended Switch

To use the lock extended switch, turn the engine off, open the door to extend the step, and turn the switch on. The step will now remain extended while opening and closing the door. Turn the switch off to return the step to normal operating mode.

If you forget to turn the lock extended switch off before starting the engine, the step will retract when the engine is started; however, it will not extend when the engine is turned off and the door is opened. To reset the step, turn the engine off and the step lock extended switch off with the door closed.

⚠ WARNING

LOOK BEFORE YOU LEAP. The step will not extend with the opening of the sliding door when the engine is running. Check that the step is extended before leaving and entering vehicle. Failure to follow this warning could result in person injury.

Shoreline Power Inlet and Cordset



Your Airstream is equipped with a SmartPlug power inlet located inside the exterior roadside rear compartment. Prior to establishing a connection, review the SmartPlug Cordset instructions that follow.

Before connecting power to your Airstream, plug the cordset (power cord) into the power source and check the cordset's safe/unsafe LED indicator lights. If the red LED illuminates, do not plug the cordset into the SmartPlug inlet on your Airstream.

The cordset has a Reverse Polarity Indicator System with two LED indicator lights, one blue and one red. Reverse polarity occurs when connecting a cordset to a power pedestal that has the positive and negative leads reversed internally. A reverse polarity condition is unsafe, and it can damage an Airstream's electrical components.

Safe/Unsafe LED Signals:

- Blue ON, Red OFF - Normal Power, Safe
- Blue ON, Red ON - L1 and neutral are swapped in a reverse polarity condition, Unsafe
- Blue OFF, Red ON - L1 and ground are swapped in a dangerous reverse polarity condition, Unsafe
- Blue OFF, Red OFF - No Power

⚠ WARNING

A reverse polarity condition is detected if the cordset's LED illuminates RED when connected to a power source. If this occurs, do not plug the cord into your Airstream. Reverse polarity is an UNSAFE condition that could result in bodily harm. It can also damage electrical components. This condition exists when the power pedestal is improperly wired.

In some older parks and other locations where three-pronged outlets are not available, certain precautions to ensure proper grounding and polarity must be taken. These precautions are listed below:

1. Attach the three-pronged plug to a two-pronged adapter. The third conductor line of this adapter has a short wire lead that must be grounded.
2. For proper grounding, connect the short ground lead to a grounded outlet box or to a cold water pipe. When no water pipe is available, drive a metal rod two feet into the ground and attach the ground lug to it, thus providing the unit with proper grounding.

NOTE

When the three-pronged plug can be used, there will be no problems with proper polarity or grounding with a properly-wired shoreline outlet.

As an RV owner, you may want to install a 30A 120V AC outlet in your home so you have a shore power hookup readily available. However, you must have the proper outlet installed. Typical household 30A outlets are wired 240 VAC for home appliances. **RV outlets are 30A 120V AC.** Ensure your electrician is aware of the difference, or they may mistakenly wire the outlet to 240 VAC.

NOTICE

Do not connect to a 240 VAC outlet. Connecting to a 240 VAC outlet may result in permanent damage not covered by warranty.

Solar Ports

The solar ports on each side of the touring coach allow plug-and-play connection of portable solar panels to augment the existing solar charging capability. To locate the solar ports, [see Exterior Components on page 6-4](#).

 Airstream recommends mimicking the factory-installed rooftop solar array. A portable kit is  available through the Airstream Supply Company; scan this QR code to shop at airstreamsupplycompany.com.

It may be desirable to park your coach in the shade on hotter days, but doing so might limit the solar charging capability of the rooftop panels. The portable kit has a 25-foot cable so the fold-out panels can be placed away from the coach in the sun where they will still provide a charge.

NOTICE

Portable solar panels must NOT exceed 20-amps or the 100-volt rating of the solar controller and must NOT include a portable solar controller/regulator.

120-Volt Outlet, Cable TV Outlet, and Ethernet Inlet

The touring coach is equipped with a 120-volt GFCI outlet, located on the exterior curbside rear of the coach. For location, [see Exterior Components on page 6-4](#).

Next to the outlet, you will find an ethernet inlet port. Connect any external provider's ethernet cable to establish an ethernet connection; [see Starlink Pre-Wire on page 5-19](#).

Beside the ethernet port, you will find a coax cable outlet for setting up an outdoor TV; For more information, [see Cable TV Hookup & Outdoor Viewing Setup on page 5-19](#).

Hydraulic Leveling System

The Airstream Touring Coach can be equipped with the optional electrically/hydraulically driven leveling system. The hydraulic pump is powered by a 12 volt direct current motor, which pumps hydraulic oil through the hydraulic hoses to four leveling jacks. The leveling system can be operated by the control panel on the passenger's seat pedestal under the skirting. The control panel can also be removed and used remotely within 10 feet of the touring coach. The four leveling jacks are mounted directly to the touring coach's chassis and are pre-set to the required leveling capacity.

Leveling

Before starting the leveling procedure you must follow these guidelines:

1. Park on a surface that is as level as possible.
2. The parking brake must be engaged.
3. The transmission must be in Park.
4. The vehicles ignition must be ON.

To start the automatic leveling process press the "ON/OFF" button, located on the control panel, to switch the system ON. Press the "Automatic Mode" button to begin the leveling procedure. Once the leveling process is complete press the "ON/OFF" button again to turn the leveling system OFF. The jacks can be retracted by turning ON the system and pressing the "Retract All Jacks" button once. Make sure to turn OFF the leveling system once the jacks are in their stowed position.

For more information on the hydraulic leveling system, or how to manually level the touring coach, please refer to the user manual provided.

⚠ WARNING

This product is exclusively developed as a leveling system and may not be used for work under the vehicle, such as changing tires and maintenance.

⚠ WARNING

All jacks will retract when the parking brake is released or the ignition is turned on.

NOTICE

Depending on the terrain, the automatic leveling process takes about one minute during which all persons should refrain from entering the vehicle.

Exterior

Hitch Cover

How To Remove The Hitch Cover

Before Removal



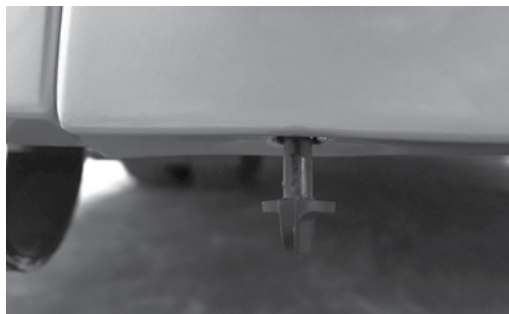
After Removal



1. Kneel down behind the rear bumper. There are two black wing nuts on each corner of the cover shown below.



2. Rotate each wing nut 1/4 turn, pull down and remove.



3. Pull straight down to remove cover. Once removed you can store this in one of the rear storage compartments. Reverse these instructions to reinstall. The 7-way Plug is just behind the hitch cover.

Awning

 The awning manufacturer's manual can be found in your Airstream owner's packet or by  scanning this QR code and navigating to the instructions on Carefree's website at <https://www.carefreeofcolorado.com/>.

Extend and retract the awning and control the awning lights using the Multiplex panel.

Depending on when your Airstream was built, the awning may have a preinstalled Bluetooth® module that allows you to control awning functions using the Carefree Connects™ app. For instructions on downloading and using the app, and Bluetooth® pairing, scan the QR code above and navigate to the Carefree Connects information page.



NOTICE

Awning must be retracted before driving the Touring Coach. Damage may occur if the awning is not properly retracted. The awning will not extend while vehicles engine is running.

NOTICE

Rear doors must be closed when operating the awning or if the vehicle is left unattended, due to seismic sensor, with the awning extended. Damage may occur if the awning is extended or retracted with the rear doors open.

Awning Use In Wind and Rain

The automatic extra strong awning comes with a Direct Response™ System seismic sensor. The Direct Response™ System is an innovative seismic sensor system that automatically activates the 12V motor and retracts the awning in strong winds, thus avoiding possible damage to the awning.

NOTICE

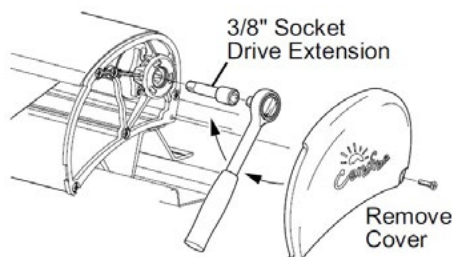
If wind or extended periods of rain are expected, retract the awning and secure as for travel. The effects of wind and rain on any awning are unpredictable. Severe damage to the vehicle and or the awning may result and cannot be covered by warranty.

NOTICE

Never use the awning with damaged fabric. Make sure the awning can be correctly retracted.

Awning Manual Override

If power to the vehicle is not available, the awning can be safely retracted using the manual override located on the idler (right) end of the case. A ratchet and socket extension has been included and is located under the passenger side floor compartment.



1. Remove thumb screw from backside of decorative awning cap. The cap will be held in place by velcro that must be released before removing.
2. Remove cover from the right end of awning and save.
3. Insert the 3/8" socket drive extension and handle into the square drive hole inside the end cap.
4. Turn the handle clockwise until the awning is retracted.
5. Replace the end cap.

NOTICE

After closing the awning with the manual override, the lead rail may move out from the case 1/4"-1/2". This is normal and the awning is secure for travel until power is restored or repairs are completed. Do NOT attempt to force the lead rail in with the override, serious damage can occur to the awning.

NOTE

Manual override cannot be used to extend the awning.

Care and Maintenance

1. PERIODIC MAINTENANCE Like any other part of the touring coach, an owner should periodically inspect the awning. The following items should be checked.
 - a. All mounting brackets are tight.
 - b. Check all pivot points for enlargements of holes or broken rivets.
 - c. Check end caps for cracking and splitting.
 - d. Check that awning rail is tight against coach and all screws are tight.
 - e. Check canopy for loose stitching and possible shrinkage or puckering.
 - f. Clean and lubricate all tension knobs and pivot points.

Fuse Location: Chassis fuse panel under driver's seat,

Screen Doors

The touring coach is equipped with an accordion style screen door to provide ventilation and insect control. To operate, carefully pull the screen from its stowed position across the opening. Reverse the procedure when returning the screen door to its stowed position. The screen door should always be in the stowed position when operating the main sliding door, to prevent damage.

Screen Door (GL)



Screen Door (GT)



On GT models, the screen above the galley can be opened as well, by sliding the screen up. This screen can be used to pass food, drinks, or other items outside. It can also be used to access the galley's faucet without the need to enter the touring coach.

NOTICE

Check that the screen door is open before closing the exterior door. Failure to follow this caution could result in damage to the screen door.

Powered Rear Screen



To lower the rear power screen, press the down button on the multiplex control panel once. To stop the power screen in the position that you want, press the button again or allow the screen to stop automatically when it reaches its set limit. To raise the power screen back up press the up button on the multiplex control panel.

AIRSTREAM®

Section 7 SPRINTER VAN

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Sprinter Van

The Airstream Touring Coach is integrated into a Sprinter Van designed and manufactured by Mercedes-Benz. Operation of the Sprinter, its engine, power train, and other related components are discussed in the Mercedes-Benz Sprinter Owner's Manual and other literature provided by Sprinter. As a point of reference, those systems discussed in this literature are warranted by Mercedes-Benz or their suppliers.

Important Sprinter Information

Your Mercedes-Benz Sprinter Van Operator's and Warranty Manuals contain important Cautions, Warnings, operational, and warranty information on the Sprinter and its components. All information in the Sprinter manual should be reviewed and followed for your safety. The Airstream Owner's Manual may provide additional information and tips on the use of the Sprinter Van as a touring coach; however, no information in the Airstream manual should be interpreted as advice or directions to disregard or void the warnings, cautions, or other information contained in the Sprinter manuals. If you believe there is a conflict in information, Warnings, Cautions, or safety-related information between the Sprinter and Airstream manuals, please contact the Airstream customer relations department immediately to resolve the conflict.

Fuels and Operating Fluids

The Sprinter Operator's Manual contains important information about the fuel and operating fluids approved for use by Mercedes-Benz. Review the Sprinter manual's information and notes on maintenance, fuel grades, and Mercedes-Benz-approved operating fluids before refueling or servicing the vehicle.

Refill only with commercially available ULTRA-LOW SULFUR DIESEL (ULSD, maximum sulfur content 15 ppm). Mercedes-Benz recommends fuels with a bio-diesel content of 5% (B5) or less whenever possible. The use of B20 fuel requires special precautions addressed in your Sprinter manual.

NOTICE

Do NOT use R95 diesel fuel. Use only fuels and operating fluids approved by Mercedes-Benz. Do NOT use any fuel additives or other operating fluid additives. Using the wrong fuel, incorrect operating fluids, or both may damage the vehicle.

Mercedes me Connect App

 Access your vehicle from anywhere and experience all the benefits of ownership with Mercedes me connect. To learn more, scan this QR code or visit <https://www.mbvans.com/en/connectivity>.

The Mercedes me connect App directly pairs with your vehicle. Download the app from the link above (by scanning the QR code), or click on one of the following icons:



The app will guide you through the activation process, but you may also reach out to your Mercedes-Benz dealer to activate your account. For additional assistance, please call the Mercedes-Benz Customer Assistance Center at 877-762-8267.

Component Identification

If repairs are needed, it may be difficult to determine which parts are Mercedes-Benz and which are Airstream's responsibility. The lists on the following page show the major components of the van and the company responsible for their servicing.

 For assistance in locating a Mercedes-Benz service center in the United States, scan this QR code or visit <https://www.mbvans.com/en/vehicles/dealer-locator-pages/dealers> and use the Mercedes-Benz dealer locator, or call 877-762-8267.

See Mercedes-Benz Sprinter Warranty Information for instructions on obtaining warranty service.

Sprinter Van - Serviced by Mercedes-Benz Sprinter or Its Suppliers

Chassis

Engine	Speed control
Exterior automotive lights	Automotive electrical system
Engine battery	Instrument panel cluster
Power mirrors	Hitch receiver and tow plug
Engine cooling system	Doors, cab, side and rear cargo
Fog lamps	Heated drivers/passenger seats
Transmission	Cab door windows and windshield
Chassis suspension	AM/FM radio antenna
Brakes	Dash Multimedia Center
Drive axle and hubs	Dash AC/heater/defroster
Steering assembly, Steering wheel	Cargo door assist handle
Rear window defroster and heated windshield	Lane keeper assist
Automotive fuse panel	Blind spot assist
Wheels, Tires	High beam assist
Parking brake	Collision prevention assist
Alternator	Parktronics
Fuel pump	

Drivers and Passengers Seats and Restraint Systems

Sprinter provides the swivel pedestals and Airstream provides the seat decorative skirting and recovers the front seats to match the surrounding decor.

Airstream Components - Serviced by Airstream Authorized Service Centers or Airstream suppliers.

Cab Area

Driver's and passenger's seat skirting and covers.
 Floor Mats
 Dash Kit
 Rear View Mirror/Monitor
 Vanity Mirrors

Living Quarters

Second row cab seats	Three piece sun and privacy shield
Fire extinguisher	Window Coverings
Interior furniture	Floor covering
Appliances in the lounge/lavatory area.	All plumbing systems
Smoke/CO	

Electrical Components

Inverter/Charger	120-volt system
Converter	12-volt living area system
House battery	Multiplex System
Battery disconnect	Roof AC
Power vents	TVs & antenna
Secondary Alternator	

Exterior

Alcoa Dura Bright Rims	Air Ride System
Exterior body kit	Macerator pump
Power step	Solar panels
Exterior lights	Leveling system
Awning	
Windows	

NOTE

Some features listed may not be available on your Interstate.

Tires

Under inflation or over inflation of tires is dangerous. Under inflation can result in tire flexing, heat build-up, tire overloading, bad handling, bad fuel economy, and uneven wear. Over inflation can result in abnormal wear, bad handling, and a harsh ride.

Tire inflation pressures should be checked as per the Mercedes-Benz Sprinter's Owner's manual and when significantly changing the load you plan to carry in your touring coach. Set the correct tire pressure before loading the vehicle. Always check tire inflation pressures when the tires are "cold." Front and rear pressures are shown for each model and GVWR, and are based on the GVWR and front and rear axle ratings (GAWRs) printed on your vehicle VIN plate and certification label. Tires must be inflated to these pressures when the vehicle is fully loaded or an axle GAWR is reached.

For tire size and inflation pressures, [see Specifications on page 4-3](#)

Proper front end alignment improves tire tread mileage. Your front-end suspension parts should be inspected periodically and aligned when needed. Improper alignment may or may not cause the vehicle to vibrate. However, improper toe alignment will cause front tires to roll at an angle, which will result in faster tire wear. Incorrect caster or camber alignment will cause your front tires to wear unevenly and can cause the vehicle to "pull" to the left or right.

Vehicle Placard and Tire Inflation Pressure Label

The TIRE AND LOADING INFORMATION placard supplies information on the size and the cold tire inflation pressure for the original equipment tires supplied with your vehicle. Check the Sprinter manual for all weights and tire information placard location.

A MOTORHOME TIRE SAFETY ADDENDUM is included with your Airstream owner's packet. Please take the time to read, understand, and follow the information contained in the booklet.

Proper Tire Inflation

The level of air in your tires affects your vehicle's overall performance. Not even the highest quality tire will perform well if it's not inflated properly. The correct pressure varies from vehicle to vehicle and depends in part upon driver preference. Each vehicle has a recommended inflation pressure, usually found on a placard. Check the Sprinter manual for all weights and tire information and the placard location.

Correct tire inflation is a key component in tire care. The recommended inflation pressures for your tires are indicated on the certification label or in your owner's manual. Since touring coach's can be loaded with many different configurations, the load on each tire will vary. For this reason, air pressure should be checked based on the load on each individual tire. Cold Inflation Pressure should be adjusted to handle the maximum tire load, and all tires on the axle should carry the same inflation pressure. Cold tire inflation pressure is the tire pressure checked in the morning before you drive more than a few miles or before rising ambient temperatures or the sun's radiant heat affect it. Check your tire air pressure at least once a month, before each trip, and each morning you drive during a trip. Tire pressure should be checked cold, as tire pressure ratings have been designed with typical running heat/pressure build up in mind. Make sure the valves and caps are free of dirt and moisture.

Under Inflation

Under inflation brings a higher risk of susceptibility to damage due to road hazards, reduces tire casing durability, and causes a loss in fuel economy, plus uneven or irregular tire wear. Severe under inflation brings about an increased risk of tread separation, handling difficulties, and possibly tire failure, which is caused by overheating.

WARNING

It is a common practice for motorhome owners to lower tire pressure in their search for a smoother ride. This is not only dangerous, it is relatively ineffective, and the difference in ride quality is not significant. When minimum inflation pressure requirements are not met, tire durability and optimum operating conditions are compromised. Tire inflation pressure should always meet at least the minimum guidelines for vehicle weight.

- It may be necessary to inflate your tires at a truck stop or truck service center in order to achieve adequate air pressure for your coach's needs
- Only permanent air seal metal valve caps should be used.
- Be safe - if a tire has been run 20 percent under inflated, it must be dismantled and inspected by a trained professional. It should not be inflated without a full inspection or without using a safety cage. Use a calibrated gauge. If your tire is rated for higher inflation pressures, a special gauge designed for larger tires will be required.

⚠ WARNING

Due to RISK OF EXPLOSION damaged tires or tires run with more than a 20% underinflation (approximate) must be dismantled, inspected by a trained professional, and should not be inflated without using a safety cage.

- Don't bleed air from warm tires to reduce pressure buildup.
- Don't inflate tires to cold psi rating beyond rim specifications.

How Overloading Affects Your Tires

Tire pressure is what enables your touring coach tire to support loads. Overloading your tires can have serious consequences for passengers and your touring coach. Too much weight can cause stress on your touring coach's suspension system, brake failure, shock absorber damage, handling and steering problems, irregular tire wear and possible tire failure. Excessive loads or under inflation can lead to an excessive amount of heat and tire failure. If you discover that your tires cannot handle the load, lighten the weight of the load on your tires.

Tires and Wheels

(This section is partially excerpted from the Mercedes-Benz Sprinter Van Operator's Manual.)

Check tires regularly for even tread wear, tread depth (note legal requirements), and signs of external damage. Use only wheels and tires of the same size, make, and pattern.

Do not install tires that are not approved for the size and type of wheel installed on the vehicle itself. Only use those wheel sizes that were delivered to you by your authorized Mercedes-Benz Sprinter dealer.

Use only wheels and tires that have been tested and approved by the vehicle manufacturer.

Break in the tires at moderate speeds for distance of about 65 miles.

⚠ WARNING

Always replace wheel nuts that are damaged or rusted. Never apply oil or grease to wheel nuts. Damaged wheel hub threads should be repaired immediately. Incorrect mounting bolts or improperly tightened mounting bolts can cause the wheel to come off. This could cause an accident. Make sure to use the correct mounting bolts. Check tightness of wheel nuts regularly and retighten if necessary.

Tire Grip

Tire grip is greatly reduced on a wet or icy road. Speed and driving style must therefore be adapted to suit road conditions. Below a tread depth of 1/8 in., tire grip begins to decrease rapidly on wet roads.

Hydroplaning

Depending on the depth of the water layer on the road, hydroplaning may occur, even at low speeds and with new tires. Reduce vehicle speed, avoid grooves in the road, and apply brakes cautiously in the rain.

The majority of flood-related deaths are caused by people attempting to drive through moving water. Driving into flood waters may be the most dangerous thing one might ever try. Considering the following:

- Most cars will float (and be swept away) in 18-24 inches of moving water. Trucks and SUVs have only 6-12 more inches of clearance. Creeks and rivers can rise very rapidly and the road bottom can also wash away, making the water much deeper than it appears.
- Once cars are swept downstream, they will often roll to one side or perhaps flip over entirely. The driver has a few seconds to escape the vehicle. Many drivers panic as soon as the vehicle submerges and are found later with their seat belt intact.

Changing A Tire

(Partially excerpted from the Mercedes-Benz Sprinter Van Operator's Manual)

After changing a wheel, the wheel nuts must be tightened once the vehicle has been driven for about 30 miles.

If new or repainted wheels are fitted, the wheel nuts must be retighten again after about 600 to 3000 miles. Do not use remolded tires.

⚠ WARNING

Fitting wheel sizes other than those supplied by Sprinter to the vehicle will change the Sprinter's handling characteristics and may lead to an accident resulting in severe personal injuries, death and property damage.

⚠ WARNING

Read the Sprinter manual for wheel bolt or lug nut torque and wheel tightening procedures.

⚠ WARNING

The Mercedes-Benz Sprinter Operator's Manual contains important cautions, warnings, specifications, and operational information on changing, maintaining, and replacing of the tires and wheels. Read, understand, and follow the Sprinter manual sections for changing a tire.

⚠ CAUTION

Changing a tire on a touring coach chassis is a physically demanding procedure. It requires specialized tools and knowledge of safety procedures. Only you can determine your knowledge base and physical ability. Don't take any unnecessary risks. Find a safe area to park your Airstream, and call a tire service center and supply them with the information in the Sprinter Manual if you have any doubts about changing a tire.

Flat Tire

If you get a flat tire while driving, gradually decrease your speed. Hold the steering wheel firmly and slowly move to a safe place on the side of the road. The pressure of the spare wheel (sold separately) should be checked regularly (at least after every tenth time at the filling station).

The vehicle tool kit is located in a hatch under the front passenger foot well.

⚠ WARNING

Use a jack (sold separately) designed exclusively for jacking up the vehicle at the jack take-up brackets built into either side of the vehicle. To help avoid personal injury, use a jack only to lift the vehicle during a wheel change. Never get beneath the vehicle while it is supported by a jack.

Precautions When Changing a Wheel

- Keep hands and feet away from the area under the lifted vehicle.
- Always firmly set parking brake and block wheels before raising vehicle with jack.
- Do not disengage parking brake while vehicle is raised.
- Always use the jack on a level surface.
- Do not jack the vehicle up more than 1-2 in. between the tire and the surface. Otherwise, the vehicle may tip over and may cause serious injury or death to you or others.
- Be sure that the jack arm is fully seated in the jack take-up bracket.
- Always lower the vehicle onto sufficient capacity jack stands before working under the vehicle.
- Do not damage, grease, or oil wheel nuts or stud threads.

Procedure

- Park the vehicle on a firm, level, non-slippery surface.
- Switch on the hazard warning flasher switch, apply the parking brake, and place the transmission selector in "P".
- Everyone must leave the vehicle before you jack it up.
- Everyone must leave the danger zone before you jack up the vehicle. Danger zones vary with locations. Take a minute and look at what might happen if the vehicle falls off the jack and rolls. Set up your danger zone.
- The vehicle must be safeguarded in accordance with legal regulations (such as using a warning triangle).
- Prevent vehicle from rolling away by blocking wheels with wheel chocks (not supplied with vehicle) or sizable woodblocks or stone. On a level road place one chock in front of and one behind the wheel that is diagonally opposite to the wheel being changed. When changing a wheel on mild uphill or downhill grade, place chocks on the downhill side blocking both wheels of the other axle. Do not jack vehicle up on a steep grade.

⚠ WARNING

Do not change wheels on a steep uphill or downhill grade. The vehicle may begin to move and fall from the jack, which could cause property damage, personal injury, and/or death.

Jack

Read, understand, and follow the Mercedes-Benz Sprinter Operator's manual instructions, cautions, and warnings for changing a wheel and jack point locations.

⚠ WARNING

A jack (sold separately) is intended only for raising the vehicle briefly, for instance when changing a wheel. The jack must be placed on a firm, flat surface only. Do not crawl under the vehicle while it is raised with a jack. Do not start the engine while the vehicle is jacked up. Do not jack the vehicle up more than 1-2 in. between the tire and the surface. The vehicle may tip over and cause serious injury or death to you or others. Jack stands must always be used while working beneath the vehicle. Failure to follow these precautions could result in property damage, personal injury, and/or death.

- Loosen the wheel nuts before raising the vehicle.
- Close the release valve on the jack.
- Assemble the pump lever provided and insert it into the socket on the jack.
- Secure lever by turning it clockwise in the socket.
- Position the jack under the appropriate jack point and raise the vehicle by pumping the lever.

Installing and Removing A Wheel

- Loosen the wheel fasteners (wheel bolts or lug nuts).
- Jack up the vehicle until the wheel is clear of the ground.
- Unscrew the fasteners and remove the wheel (keep the fasteners clean).

⚠ WARNING

If the vehicle moves forward or backward while it is being jacked up, lower it, stabilize the vehicle, and repositioned the jack. When the vehicle is jacked up, the jack must stand vertically (plumb-line).

Mounting a New Wheel

- Before fitting the spare wheel, clean rust and dirt off the contact surfaces of the wheel and the wheel hub and from wheel bolts or lug nuts.
- Note the specified wheel and tire size, tire load capacity, and speed code.
- Do not change the tire's direction of rotation.
- Do not damage, grease, or oil wheel bolts or lug nuts or their threads.

Centering Wheels With Wheel Fasteners

- If dual assemblies are used, before placement, the inner wheel should be inspected to ensure all ball bearing rings are in the proper position.
- Install the wheel and snug the wheel fasteners.
- Slightly tighten wheel fasteners.

Lowering the Vehicle

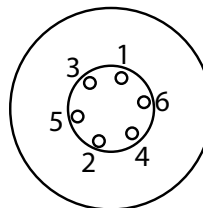
- Slowly open the jack release valve to lower the vehicle until tire is resting on the ground.
- Tighten the wheel fasteners in a crisscross pattern, as specified, with a torque wrench. For wheel fastener torque procedures, see the Mercedes-Benz Sprinter Van Operator's Manual.
- Remove the jack and stow.
- Check the tire pressure. For tire pressures see the vehicle manufacturing tag on the driver's door jam of your touring coach; also [see Specifications on page 4-3](#).
- Torque wheel fasteners immediately after reinstalling a wheel and again after 30 miles.

⚠ WARNING

Only certain tires meeting the tire size/load/speed index ratings contained in the Tire Pressure Tables, found in the Index Section of the Mercedes-Benz Sprinter's Operators or Owner's Manual, are certified to conform to FMVSS 120 for the Sprinter Vehicle at this time. Please check the sidewalls of your originally-equipped tires for specific makes/sizes, and speed load ratings when you need to replace your tires. To prevent accident, injury, or possible death, use only the correct tires for your tire replacement.

Wheel Bolt/Lug Nut Tightening

Torque wheel fasteners evenly to specification with a torque wrench using a crisscross pattern in the proper sequence:



⚠ WARNING

Consult the Mercedes-Benz Sprinter Operator's manual for extensive wheel installation, tightening, torque procedures, cautions, and warnings.

⚠ WARNING

Wheel fastener torque must be checked immediately after reinstalling a wheel and again after 30 miles. Torque all wheel fasteners evenly to specification using the proper sequence. For torque values, [see Specifications on page 4-3](#).

⚠ WARNING

Tightening by hand or with an impact wrench can result in loose or overtightened wheel fasteners, which could lead to a wheel falling off while driving or damage wheel and brake components.

Tire Rotation

Front and rear tires perform different jobs and can wear differently depending on the types of roads driven, driving habits, etc. To obtain the longest tire life, you should inspect and rotate your tires regularly.

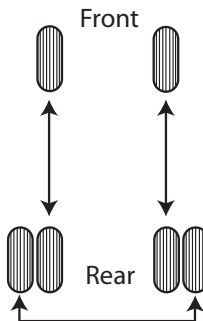
Many automotive dealers and tire dealers will perform a free tire inspection to look for uneven or abnormal tire wear.

Tires should be rotated every 6,000 to 8,000 miles. For the longest tire life, any time irregular wear is seen have the tires checked, alignment checked, and tires rotated by your truck or tire dealer. Have the cause of uneven wear corrected.

NOTE

Vehicles with aluminum alloy wheels will require tires to be dismounted and remounted so as to leave rims in original locations because the dura bright finish is only applied to one side.

Rotation Pattern For Dual Rear Wheels



⚠ WARNING

Read the Mercedes-Benz Sprinter Operator's Manual for complete instruction on tire rotation, installation, and maintenance.

⚠ WARNING

Front and rear tires are inflated to different pressures. Tire pressures must be adjusted to the proper levels after rotation; see [Specifications on page 4-3](#).

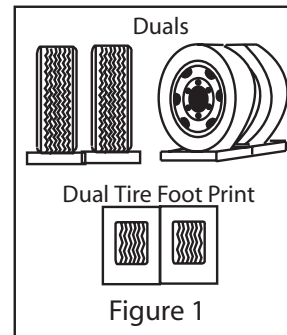
Support

Since touring coach's may sit for long periods it is important to properly support the tires if blocks are used for leveling.

Extreme caution must be taken to ensure that the tires are fully supported when using blocks to level the

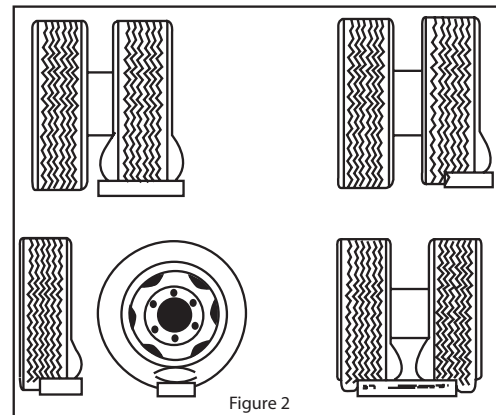
touring coach. The load on the tire should be evenly distributed on the block and in the case of duals, evenly distributed on blocks for both tires. If not done, the steel cables in the sidewall of the tires may be damaged and could lead to premature fatigue of the sidewall.

Correct



The CORRECT methods are shown in Figure 1. Dual tires are supporting the full load. Please note that the blocks are wider than the tread and longer than the tire's footprint. This provides maximum support to the tires and ensures that the load is evenly distributed throughout the tire's footprint area.

Incorrect

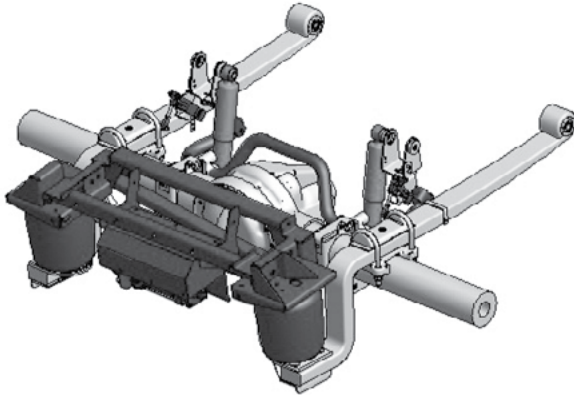


INCORRECT methods are shown in Figure 2: One tire, a portion of one tire, or portions of two tires are supporting the full load.

⚠ WARNING

Tires that are incorrectly supported may be damaged, which could lead to casing failure resulting in serious injury or property damage. If, on previous occasions, the tires have been incorrectly supported, hidden

Air Ride Suspension



The touring coach is equipped with a rear axle air suspension. The Mercedes-Benz Sprinter Van is extremely suited for this air suspension system.

The full-air rear-axle air-suspension, has an electronic system which automatically monitors and adjusts the height level of the vehicle. This constant monitoring and adjusting (independent of the load, in the longitudinal and lateral direction and relatively independent of center gravity height) will automatically contribute to safer vehicle behavior and better comfort.

Manual Adjustments



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Section 8 DRIVING

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Loading

One of the most critical aspects of safely operating a touring coach is knowing the weight involved and where it is placed. The first thing to determine is how much cargo is being loaded and confirming that it is within the capacity of the equipment being used. Determining WHERE that load is placed is critical to the way your rig will handle on the road.

Do not try to guess what your touring coach weighs loaded. Load your touring coach including water and take it to a public scale. Weigh each axle of your vehicle. Refer to your axle weight and tire limits to see if you are within a safe range. Total all axle weights and make sure you are below the GVWR. If you are not overloaded, make sure your load is balanced. Do not load too much on one side. A balanced load is much easier to tow or drive.

Front to back

Front Axle GAWR	GVWR	Rear Axle GAWR	GCWR - GVW
SCALE WEIGHT		Optional Tow Weight	
			
STEP 1 Front Axle GAW	STEP 2 GVW	STEP 3 Rear Axle GAW	STEP 3a Tow Weight minus Weight of Trailer or Vehicle Towed
INDIVIDUAL WHEEL POSITION WEIGHT			

Safety

Seat belts

Federally approved seat belts are provided for the use of the driver, passenger, the second row captains chairs, and the rear lounge. Most states require by law that all passengers in a motor vehicle use seat belts while in transit. It is strongly recommended that all occupants remain seated with their safety belts firmly attached while the touring coach is in transit. The driver should adjust his or her seat so that he or she is able to reach all controls easily with the belt on, and

Trailer Towing and Driving Tips

(Some text is partially excerpted from Mercedes-Benz Sprinter Operators

Attaching a Trailer

Please observe maximum permitted trailer dimensions (weight and length).

Most states and all Canadian provinces require safety chains between your tow vehicle and trailer

Towing a Boat

NOTICE

If the transmission continually shifts between gears on inclines, manually shift to a lower gear. A lower gear and reduction of speed reduces the chances of engine overloading and/or overheating. When going down a long hill, shift

If your spouse or traveling companion normally

Safety Check List

Your Airstream Tour

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Section 9 MAINTENANCE

Maintenance

Maintenance Schedule

