

# Owner's Manual 2018 Models

**Rev 1.0** 

860 N. Tuscany Dr.
P.O. Box 246
Shipshewana, IN 46565
260-768-4704

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# INTRODUCTION

Dear ARI Legacy Sleeper Owner,

Welcome and thank you for your selection of an ARI Legacy sleeper! We are pleased and honored that you have chosen a Legacy sleeper to take you on your journeys. Your ARI Legacy sleeper will take you there in comfort, convenience, and dependability. Your Legacy sleeper has been designed and built to be what you need -- inside and out. This owner's guide will acquaint you with the systems, the features, the operations, and the maintenance of your new Legacy sleeper. It will prepare you to take to the road in confidence and to fully enjoy your new Legacy sleeper.

You will also conveniently find valuable information in your owner information packet. This contains an Onan generator control panel guide, detailed appliance record, wiring schematic for your sleeper and all of your appliance and accessory manuals. ARI also maintains a copy of your wiring schematic on file. Keep all of these items safely stored, but handy, so you can refer to them for specific information on products and procedures. ARI strongly recommends that you thoroughly read and become familiar with these guides.

If you have not already done so, it is important that you take a few minutes to fill out the ARI Warranty Agreement and mail it back to ARI. There are two copies of the warranty agreement in the last pages of this owner's guide. Please retain one copy for your reference and sign and return the second copy to ARI. This should be one of the first things you do after taking possession of your Legacy sleeper. You will find the serial number for your sleeper inside the cabinet door below the sink.

You can also follow us on Facebook for product news and updates through the link below:



https://www.facebook.com/ARILegacySleepers

This manual is based on the latest information available at the time of publication. Due to continuous product development and improvements, ARI Legacy Sleepers reserves the right to make changes in product specifications and components without prior notice. The most recent version of the owner's manual can be found on our website at www.legacysleepers.com

Now, let us introduce you to your new Legacy sleeper.

# THE SYSTEMS

Many of your sleeper's systems are neatly hidden from view in cabinets and storage compartments.

# THE POWER SYSTEM

Let's start with the power system. Power for your Legacy sleeper is provided to your sleeper in one of three ways: 12V electric from your truck batteries, 50 amp service from a generator, or 30 amp service from an exterior shoreline power source.

#### **Power Transfer Box**

Your sleeper is equipped with a power transfer box. The power transfer box determines and selects automatically which power source to use to power a particular outlet or appliance; it selects the generator or the shoreline power. Since this all happens automatically, you don't have to worry about which source to use. You can have both sources on at the same time. The switch over box will allow the generator to override the shoreline power. The power transfer box is typically located beside the breaker box under the bed between the two dinette bases.



#### Inverter/Converter

Most Legacy sleepers come with an electrical inverter converter system. A light will come on when the inverter is turned on. The inverter converts 12V power to 120V power. You can use the inverter to power items such as the TV, the surround sound system, and the 120V power receptacle located under the TV without the use of your generator. Remember, the inverter will only provide a limited amount of power. Check your owner's manual to determine how much power the inverter installed in your sleeper will handle. DO NOT OVERLOAD YOUR INVERTER! If you find that the breaker on your inverter is tripping, you are probably trying to draw too much power through your inverter. Your inverter converter also converts 120V AC power to 12V DC power and will maintain the charge of your truck batteries while your generator is running or while you are connected to shoreline power.



#### Generator

Your Legacy sleeper likely came with an Onan 7500 watt quiet diesel generator. It will power everything in your Legacy sleeper. It features a 3-cylinder Kubota engine that can be serviced at any Cummins dealership in the U.S. The generator has a rocker switch for start and stop, an hour meter, an oil dip stick, oil fill, a generator coolant fill, and the main breaker. If the main breaker on your generator is turned off, no power will be sent through your sleeper. If you are not receiving power to your sleeper and your 120V breakers are all on; you should check to see that the main breaker on your generator is on. The main breaker is located beside the hour meter on the generator. (See picture below.) The generator can be used while your truck is running.



If service is ever required for your generator, you can remove the generator box cover by removing the bolts on each side of the generator box cover. (See picture below.)



#### **Generator (continued)**

The system control panel features your optional auto-start button for your generator. Press and hold the start button on the generator remote. The red light will flash indicating that the generator is going through the pre-heat function. The generator will then start. The "auto gen" button puts your generator into the auto-gen mode. See your generator manual for additional information on the generator set up.



#### **Shoreline**

On the back wall of your sleeper is the 30 amp shoreline connector. When plugged into an AC line, your sleeper will maintain all normal functions such as running your refrigerator, heater, or roof top air conditioner, and also will recharge all of your batteries. Take note that if you are plugged into a shoreline that has less than 30 amps of service, you may not be able to operate everything in your sleeper at the same time. Anything that runs off your generator also runs off the shoreline.



#### **Exterior 120V GFI Outlet**

A convenient feature of the Legacy sleeper is this 120V GFI outlet located outside on the bottom of your sleeper, next to the generator. This will provide you with 120V power as long as you have your generator running or are plugged in to shoreline power. Should the exterior receptacle cease to operate, check to make sure that the GFI protected receptacles inside the sleeper are not tripped, as the exterior one depends on those to be functional.



#### **Breaker Box and Fuses**

Your 120V breaker box is located under the bed between the two dinette bases. If any appliances connected to 120V outlets are not working, you should check the breaker box first. Simply remove the cabinet door cover under the bed or dinette to access the breaker box. Your 12V fuses are located below the bed or under one of the dinette seats. You should never use this compartment for storage. In addition, make sure not to restrict vent openings on the outside of the gaucho base. Hot air from the water heater, inverter, and under bunk heater needs to escape.





# **DE-WINTERIZING YOUR SLEEPER WATER SYSTEM**

ARI winterizes all sleepers with **RV ANTIFREEZE** prior to shipping. A label at the sink notifies you that your sleeper has been winterized. In order to put water back into the system, you need to be aware that certain valves need to be closed. Certain valves are left open to drain any excess water in transit. Before attempting to fill the water system, please follow these instructions.

- 1. You will need to have the sink and shower faucets, both cold and hot side, in the "off" position.
- 2. You will also need to close the valve at the water tank drain line, so the water does not drain back out as you attempt to fill the tank. (Valve is open in the picture below, turn valve to close the water tank drain line.)



3. Make sure the valves close to the water screen are open. It is unlikely these valves will be closed.



- 4. If you want the anti-freeze drained from the toilet cassette flush tank, all you need to do is pull the water level tube (located on the exterior portion of the toilet) from its upper fitting, and let the water/antifreeze drain out, and then put the hose back in place when finished. Note: it isn't necessary to drain the antifreeze in the flush tank if one doesn't desire to do so.
- 5. In the sleepers that have a holding tank under the shower, open the valve under the shower. While this doesn't have anything to do with de-winterizing it's up to the customer whether to leave this open or closed.



6. Proceed to "the water system" section herein.

# THE WATER SYSTEM

Potable fresh water is supplied to the unit in two ways: 1) By filling the fresh water tank and pumping the water through the system with the water pump. 2) Connecting a potable water hose to the "City Water Fill" which automatically pressurizes the system.

USE POTABLE WATER ONLY IN THE FRESH WATER SYSTEM. SANITIZE, FLUSH, AND DRAIN BEFORE USING. SEE INSTRUCTIONS UNDER HEADING "SANITIZING THE FRESH WATER SYSTEM." FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, ILLNESS, OR DEATH.

#### **Water Pump**

The 12 V water pump is located in the electrical services area which is typically located under the bed between the two dinette bases. The water pump installed is self-priming and operates upon demand. In simpler terms, when you open a faucet, the pump will turn on and pump the water from the tank to that faucet. For the pump to operate, please note the following:

- 1. The fresh water tank must have sufficient water in it.
- 2. The pumps' on/off switch must be in the "on" position. Typically located on the systems control panel located below the sink.
- 3. There must be sufficient 12 V power (battery or converter) to operate the pump.
- 4. The water heater has a bypass valve that can prevent water from entering the water heater.
- 5. The water pump should prime itself and stop running after the open faucet(s) is closed.
- 6. Pump should now run on demand when a faucet is opened and stop when the faucet is closed.

Never let the water pump run while the fresh water tank is empty.

Damage to the pump and/or a blown circuit may occur.

Please refer to the manufacturer instructions supplied with the unit for care and operation and/or www.shurflow.com.



#### **Fresh Water Tank**

Under the bed area is where the unit's fresh water holding tank is located. It is insulated to help prevent freezing and condensation. You can obtain a visual check of your water supply by looking through the compartment door. Also inside the door, is the drain valve for winterization. You will want to be sure that this valve is closed before you begin filling your fresh water tank. To drain the fresh water holding tank, simply open the valve. Notice the convenient compartment light to help you with this process.



To fill the water tank, connect a fresh water hose to the water fill hose located on the exterior of your truck. You will know that your water tank is full when you hear or see water from the overflow valve running out on the ground. Then, simply turn on your water pump located on the systems control panel inside your sleeper. You're now ready to use your water system.



#### **Water Heater**

Located under your dinette seat is the water heater for your Legacy sleeper. Never turn your water heater on unless it is filled with water. You can obtain access to the water heater by removing the dinette seat and lifting up on the storage door. If your sleeper has the U-shaped Counter option, the water heater is located under the sink. The sleeper's water is heated by one of two methods. Whenever the engine is operating, coolant from your tractor circulates around the water heater tank. With this method, the temperature of the water heater tank is dictated by the coolant temperature of the tractor. Caution should be taken when using your hot water as the water in your tank can be very hot if your truck has been running. The second method utilizes electric. When you need to turn on the water heater, the switch is on the control panel by the sink cabinet. The water heater switch will function only when the water in the tank is not up to temperature. To operate your water heater on electric, you will need to have your generator running or be connected to shoreline power. This grey valve is used to drain your hot water heater for winterization.



Try to remember not to engage the lighted water heater switch while the engine block is still hot; by doing this, you take the risk of tripping the reset breaker on the thermostat of the water heater. The <u>reset button</u> is located on the water heater unit, accessible through the small hole on the front panel of the water heater shown in the above picture.

Take note that your sleeper was shipped with the water heater breaker switch in the off position. You will need to open the door in the front of the breaker box located below your bed area and turn the water heater breaker to the on position before you can use your water heater. To fill the water heater, close the grey drain valve at the bottom left corner of the water heater, open the hot water tap at the sink, and turn the water pump on. As the water heater fills, air will be expelled through the sink tap. Once the water heater is completely full, a steady stream of water without bursts of air will be evident, and at that time, close the hot water tap and turn off the pump. Never turn on the water heater before it is filled with water.

#### **City Water Fill**

The city water fill allows a pressurized potable water line connection (water spigot) direct to the unit. Because the connection is pressurized, there is no need to use the water pump. This method also bypasses the water tank and feeds the entire water system directly. Connect the city water fill by using a hose manufactured for potable water use and turn on the source. When in need of water, open the desired faucet or spigot. Air will purge itself when the faucet is opened.

Each time this connection is made, we recommend inspection of visible water connections for leaks. DO NOT leave the unit unattended when hooked up to City Water fill for extended periods of time. Always use a water pressure regulator to control the water pressure entering the sleeper.

City water fills may be in a combination housing with the gravity water fill or stand alone.

Although the fresh water system was thoroughly inspected for leaks before delivery, fittings can loosen over time and with normal use. Periodically check the fittings at the faucets and all other visible connects and tighten as necessary.

#### Water Supply and Odor

Local water supplies (well or city) sometimes contain high levels of Sulphur or other chemicals which can cause unpleasant odors. Some, like Sulphur, can be very unpleasant. Sanitizing the water system as described and allowing the sanitizing solution to remain for a few days, should eliminate the odor.

#### Sanitizing the Fresh Water System

Keeping the fresh water system clean and free of any potential contaminations should be a top priority. Sanitizing the system before initial use and thereafter annually, or whenever water remains unused for prolonged durations, is recommended. This will help keep the water system fresh and discourage harmful bacteria or viral growth. To sanitize your system, perform the following:

- 1. Drain the tank by opening the drain valve. Close the valve after water has drained.
- 2. Prepare a chlorine bleach solution of ¼ cup to one gallon of water for every 15 gallons of tank capacity. Example: Use 2 ¾ gallons of the solution for a 40-gallon tank. If using Ultra Bleach concentrations, reduce bleach to 1/8 cup to one gallon of water.
- 3. Add solution to tank and fill with water. Open each faucet/fixture until a distinct chlorine odor is smelled. Close faucets and let stand 4 hours.
- 4. Drain system and flush with fresh water until chlorine odor and smell is gone. (If a water filter has been added, change it at this time).

# **APPLIANCES**

#### Microwave / Convection Oven

Most Legacy sleepers come equipped with a microwave oven and most have upgraded to a microwave convection oven. Anything you can cook at home can also be cooked in your convection oven. Your owner's information packet includes operating instructions for your microwave as well as a handy cookbook. The microwave runs off your generator or shoreline power. See the owner's manual for additional information.

#### Refrigerator / Freezer

Your Legacy sleeper comes with a refrigerator / freezer. The on/off knob is located on the face of the unit. The refrigerator will automatically switch between 12V and 120V as needed. The on/off knob also controls the temperature setting for your refrigerator. A typical setting would be around 3  $\frac{1}{2}$  to 4; adjust this setting to your liking. You should allow the refrigerator to operate approximately 8 – 12 hours before storing food and liquids. See the owner's manual for additional information.

#### **Heater / Air Conditioner Systems**

Your Legacy sleeper is equipped with two heater / air conditioner systems: a 12V under-bunk system and a 120V roof mounted system.

#### 12V Under-Bunk System

Let's begin with the 12V under-bunk system. This system only operates while your tractor is running and is normally located below the bed or sink cabinet. Some larger sleepers are equipped with a 2<sup>nd</sup> auxiliary system to provide additional air flow. The auxiliary unit is normally installed in sleepers 156" or larger and is located in the sink cabinet. The vent pictured below is for your under-bunk heater/air-conditioner. The vents in the ceiling are for your roof mount air conditioner.



You should clean the unit's air filter at least twice a month. To remove the air filter simply remove these four screws, rinse the filter clean, and/or replace it. Note that if your sleeper has an auxiliary unit, it uses a sock filter in place of an enclosed filter.



The control panel for your under-bunk heater / air conditioner is located near the bed area. Select heat or cool and use the up and down arrows to control the temperature setting. Note that if your sleeper has an auxiliary unit, the fan speed is controlled with a separate switch which is located in the sleeper control panel below the sink.



# **Roof-Mount System**

Now, let's take a look at the roof-mount system. Your control panel for the roof-mount system is located on the shower wall. The thermostat controls are similar to your thermostat at home. Simply select cool or heat, set the temperature that you want, and select auto on the controller.



Cold has both high and low fan levels, while heat has only low. The roof-mount heater / air conditioner operates on either generator or shoreline power. The air conditioner utilizes reusable filters. These filters should be cleaned about twice a month. To access the filters, remove the grills on both sides of the A/C shroud by gently pulling to release the closure tabs. You can rinse the old filter clean with water and reuse it or replace it with a new filter. All ceiling and chill grill vents must be fully opened for roof heater to function properly. If some of the vents are closed, the heater will shut down and your sleeper will get cold.



#### Roof Vent

Another way to keep your Legacy sleeper cool is with the automatic roof vent. You can turn on your roof vent using the optional remote control and set the desired temperature level. The roof vent will open and turn on automatically as needed. The roof vent cover is designed to keep rain out of your sleeper while parked or in motion. You can also use the roof vent to remove steam when showering or to remove odors while cooking. Your sleeper may be equipped with a manual roof vent.

#### **Shower**

Your Legacy sleeper comes complete with a shower. Remember, if you have been running your truck, you will need to be very careful when showering as the hot water may be very hot. Turn on your cold water first and then feed in the hot water until you have reached your desired water temperature. Beneath the shower is a 15 gallon gray water holding tank. The valve pictured below is used to drain the tank.



The shower also includes a handy shampoo and soap dispenser. Simply open it up and fill the containers with your favorite shampoo, conditioner and soap. Your shower head comes equipped with a water shut off for water efficiency. You can use this to help conserve your hot water while showering. It is also a good idea to run your roof vent while showering to vent the steam out of your shower.

# **Toilet**

This lever, shown below, is used to flush the toilet.



This button, shown below, is used to fill the toilet bowl with clean flush water.



The toilet comes with chemicals that can be poured into the cassette unit from <u>outside</u>. **Do not** add the chemicals from inside the toilet to the flush water, as they will damage the seals in the toilet. Always add chemicals to the cassette on the outside of the unit.

# **Toilet (Continued)**

The toilet cassette tank is located in an exterior compartment of your sleeper. The cassette pulls out for easy dumping and cleaning of your black water. Pictured below is the water fill for your flush water in your toilet. The flush water tank holds approximately 4 gallons of fresh water. Unscrew the lid and fill.



The fill level, pictured below, will indicate when full.



The cassette tank black water capacity is 5.3 gallons. See owner's manual for additional information.

# **SWITCHES & GAUGES**

Inside your sleeper you will find your sleeper's systems control panel near the sink cabinet. Note that all switches and gauges throughout your sleeper are clearly identified with labels. Your water pump switch is located on the control panel. It is a 12V water pump so you can run your water pump without using your generator. Your block heater switch for your truck is also located on the control panel. You will need to have shoreline power or your generator turned on for the block heater to work. All sleepers have a voltage meter located on the inverter remote panel.

#### TV and Surround Sound System

To turn on your TV, depress the power button on the TV. Once the power button is on, your TV can be turned on or off using either the remote control or on the TV itself. Your sleeper is equipped with a booster switch for your TV antenna. This can help you receive a stronger television signal if you're in an area with a weak signal. (See picture below.)



Your surround sound system includes an AM/FM tuner and Blu-ray DVD/CD player. The function button on your surround sound remote control allows you to select between your AM/FM tuner, Blu-ray DVD/CD player, or your TV. The Blu-ray DVD speakers are mounted in your ceiling and the sub-woofer speaker is located inside the sink cabinet. See the owner's manual for additional information. Your sleeper may also be equipped with two large speakers mounted in the ceiling. These speakers are connected to the radio in your truck. The switch below is used to turn these speakers on or off.



# INTERIOR FEATURES

#### Window Inserts

Use window inserts to block light coming into your sleeper; just insert them into the window opening. They are insulated to help keep the heat or cold inside your sleeper. The windows also feature a day and night shade option. When using the shades, it is best to use two hands to lower the shades. This helps to keep the shades from twisting.

#### **Bed Dinette**

One of the great features of your sleeper is the bed dinette. To lower your bed dinette, release the bed with the latch shown below, typically located on the left hand side of the bed. The gas shocks allow the bed to be raised and lowered smoothly. To return the bed back to its storage position, simply lift the bed until you hear two clicks. Please double check to be sure that the bed is securely latched.



# **OTHER FEATURES**

Your sleeper comes with a number of safety features such as a carbon monoxide monitor and a smoke detector. Please be sure to follow all maintenance instructions and tips found in your manuals. Follow all intervals for which certain maintenance procedures should be performed. By caring for your sleeper regularly, you will ensure yourself years of economical use. ARI is always ready to offer you personal service or advice whenever you need it. You can call our customer service center at (260) 768-4704 if you need assistance or have any questions. Finally, thank you for your purchase of an ARI Legacy Sleeper. We appreciate your business.

# **COMPONENT INFORMATION & WARRANTIES**

ARI Legacy Sleepers has provided this manual solely for the purpose of providing instructions for the operation and maintenance of its sleepers. Nothing in this manual creates any warranty, either express or implied. The only warranty offered by ARI Legacy Sleepers is set forth in the Limited Warranty applicable to your sleeper. A copy of the warranty, in pdf format, can be found on our website at www.legacysleepers.com.

This manual is NOT intended to be inclusive of every operational aspect of your unit, but to work in conjunction with the manuals supplied by the different manufacturers of the components in your unit. Please note that some components may be optional or not available for specific models.

Your sleeper, as well as all components and appliances, require periodic service and maintenance. The failure to provide these services and/or maintenance may result in loss of warranty coverage. The owner should review ARI Legacy Sleepers Limited Warranty and the warranties of all other manufacturers prior to use.

In addition to this Owner's Manual, any manual supplied to us by a specific component manufacturer for products installed in your unit are supplied with the unit. You may be entitled to additional warranties beyond ARI's Limited Warranty on individual components. Individual product warranty registrations may be required by each component manufacturer. If supplied to ARI, they are placed in the unit at the time of manufacture. We recommend these be completed and mailed promptly if applicable.

## **Generator Safety**

Do not operate the generator in an enclosed building or in a partly enclosed area such as a garage. Nor should the generator be operated while sleeping. Be sure to follow all instructions and warnings in this manual and the manual provided by the generator manufacturer.

#### **Know Your Unit before Heading Out**

Throughout the manufacturing process, your sleeper has been inspected by qualified inspectors. As the owner, however, you will be the first to extensively use every system. ARI wants the first experience in your sleeper to be a happy one. Be sure to familiarize yourself with your new sleeper and each of its functions and systems so you are prepared for the road. Note any questions that arise, difficulties encountered, or problems that occur. Contact us at (260) 768-4704 if we can assist in any way. Getting to know your unit before you head out on the road can save frustration and ensure full enjoyment of your new Legacy sleeper.

#### Riding in the Sleeper

The sleeper does not have seat belts and is not designed to carry passengers. This may also be prohibited by law.

#### Safety Recalls/Service Campaign

From time to time ARI may initiate a Safety Recall or Service Campaign in an effort to prevent a possible product failure from manifesting itself.

A Safety Recall involves a likely failure that can lead to property damage or personal injury. Notifications are mailed to the registered owner's address and it is critical the issue be remedied before the unit or component that is compromised is used again.

A Service Campaign is a potential product failure but is not likely to lead to personal injury. Notifications are mailed to the registered owner's address. Repairs should be scheduled at the owner's earliest convenience.

# **CARE & MAINTENANCE**

The instructions and recommendations in this manual are meant to be used in conjunction with the individual component manufacturer's manuals accompanying the unit. Be sure to thoroughly review each component manual to avoid any specific requirement not reviewed here.

Care and maintenance of the sleeper is an important step in maintaining the safety, dependability, and the appearance, both interior and exterior, of the unit. Keep good records of all maintenance performed as these may be necessary for warranty information or may assist in possible repairs if needed.

Operational usage and climate may affect the frequency of maintenance needed on certain components. Preventative maintenance is important to the life and enjoyment of your sleeper as many problems can be caught before they occur. Please do not hesitate to call us with a question on the care and maintenance of any item.

A helpful sleeper maintenance checklist is provided for your reference. Again, this checklist is not intended to be all inclusive. You should thoroughly review each component manual to avoid any specific requirement not reviewed herein.

#### Frame/Chassis/Attachments

The frame and frame components will corrode and it is normal. When and how much depends on the environment the unit is subjected to, how often it is subjected to it, and the preventative maintenance performed. The more exposure to snow, rain, road salt, road chemicals, salt water, etc., the more accelerated and more severe the corrosion will be. Diligence on the part of the owner when a unit is subjected to these elements can significantly reduce the severity and how quickly this occurs.

When your unit is exposed to a known corrosive (road salt, road chemicals, salt water, etc.) take the time to rinse off the frame, frame components, under carriage, axles, & running gear as soon as possible after reaching your destination. Wash the exterior. Taking these simple steps will greatly reduce the extent and slow corrosive action significantly.

Inspect the frame and frame components periodically. If a spot of rust is developing or the frame was nicked or scratched by road debris, sand (or wire brush), touch it up with rustproof enamel paint. Think of it as a tooth with a cavity developing. Take care of it before it gets too deep and causes bigger issues.

#### **Steps**

Keep clean of dirt, salt, mud, etc., and lubricate pivot points with a dry lubricant spray every 30 - 60 days.

#### Siding & Sidewall Attachments

"Black streaks" are caused when pollution, rain, dirt, and sealant deterioration mix. We are not aware of any way to prevent "black streaks". However, keeping your exterior washed and waxed often will make them much easier to remove. There are many products in the market that are effective in removing "black streaks".

#### **Windows**

The seals/sealants used to seal the windows to the sidewall of the unit are subject to deterioration over time. Every six months, inspect the area between the window frame and the side wall for sealant gaps/voids, cracks, shrinkage, etc., and reseal as necessary. In addition, after a rain, inspect the interior of the unit around windows for any evidence of water penetration. If any interior leaks are noticed, contact ARI immediately. If caught early, it may save you much time, frustration and money.

To ensure window operation, adjust and lubricate latches and any moving parts annually. A light oil or powdered graphite can be used for lubrication. Periodically use a vacuum attachment to clean any debris out of the window weep holes, which are necessary to drain any condensation or moisture from hard driving rains that may collect.

#### **Roof Seams and/or Joints**

Roof sealants will deteriorate which can lead to leaks. Deterioration can be accelerated in heavy sun, changes in climate (expansion/contraction with aggressive temperature change), and cold climates. Once the unit leaves our manufacturing facility, we can no longer maintain the sealants; that becomes your responsibility. We hope you take this seriously because it can help prevent a very frustrating situation that can be very expensive to remedy (damage from water leaks).

Inspect the roof at least once annually, paying close attention to all seams and/or joints and attachments where sealant is used. Look for cracks, shrinkage, and/or gaps/voids in the sealants. These must be carefully cleaned and resealed. It is necessary to use the same sealant as originally installed if touching up cracks, shrinkage, and gaps/ voids. There is no way to know if two different brands of sealant will seal to each other.

If there is any doubt in your mind in performing this maintenance, please contact ARI to have it done. Please refer to the manufacturer instructions supplied with the unit for care and operation.

#### **Blinds and Shades**

Blinds should be vacuumed regularly with a soft brush attachment. Spot clean when necessary, using a mild soap and water solution on area.

#### **Cabinet Doors and Drawers**

The supplier for ARI's cabinet doors and drawers does not recommend any residential or commercial household cleaning products to be used on their finished wood products as they leave a sticky residue and some of these products can cause significant damage to the wood finish or paint. Therefore, they will only warrant the finish of their products that are cleaned with a damp cloth, using only water, and thoroughly wiped dry with a clean, soft, dry cloth.

#### **Ceilings and Walls**

Clean only with a mild detergent in warm water, using a damp cloth to clean the ceiling. Never use strong chemicals or excessive water/moisture, as either can damage the ceiling or walls.

#### Countertops

Most countertops are made of high-pressure plastic laminates and are highly resistant to normal spills and scuffs. Soap and lukewarm water or a mild, non-abrasive cleaner are recommended. Avoid use of abrasive pads and scouring powders, which can dull the surface and make it more stain-prone. Always use a chopping block or cutting board when using knives. Pots and pans straight from the burner or oven should be placed on lined hot pads and not directly on the counter surface. Do not allow excess water to settle in the corner of the countertop back splash. This can cause the wood below the laminate to swell and cause damage.

## **Solid Surface Countertops**

The solid surface composite countertops can be cleaned with soap and mild detergents, which will remove most stains. DO NOT use products containing bleach. Stubborn stains may require the use of a white Scotch Brite pad and a non-abrasive cleaner like Soft Scrub. Most scratches and defects in solid surface countertops can be repaired without replacement.

#### Fabric, Upholstery, and Furniture

Do not launder upholstery fabrics. Blot stains promptly and use an upholstery cleaner or mild solvent, depending on the stain. Never soak the fabric and use as little water as possible. Blot rather than rub. Towel dry or have professionally cleaned. Upholstery can be vacuumed regularly using a soft brush attachment. Do not remove law tags from furniture; they are used to identify the products for part replacements.

#### **Faucets and Fixtures**

To protect the finishes on your kitchen and bath faucets and fixtures, use only a damp soft cloth or sponge. Do not use abrasive cleaners or materials as they can damage the finish.

#### Flooring, Vinyl

For routine cleaning, sweep or vacuum regularly. Follow by using a damp mop with warm water and clean a small area at a time. Rinse the mop frequently as to not redistribute the dirt picked up. If washing is needed, use a quality product designed for no-wax flooring. To polish the floor, do not use solvent-based waxes or polishes as damage to the flooring may result. Use only polishes recommended for no-wax flooring.

#### **Glass and Mirrors**

Clean glass and mirrors as you would at home using a cleaner designed for glass. To reduce "spotting" on outside windows, use a squeegee promptly after rinsing with water. For stubborn spots, cleaning with a mixture of vinegar and water is recommended and is safe for most finishes.

#### **Showers and Toilets**

Many of these products are made of acrylics, plastics, or composite materials and use of non-abrasive cleaners is recommended to protect the finish. Use of harsh cleaning products can cause premature deterioration and/or yellowing of the surface finish.

SYSTEM	COMPONENT	MAINTENANCE TASK	FREQUENCY
Generator	Radiator & Overflow Container	Add coolant; be sure to add in the radiator, not just the overflow container. (See manual)	Every 2 months
	Motor Mounts	Inspect motor mounts on gen set and make sure they are tight. This helps to prevent broken exhausts.	Every 2 months
	Spark Arrestor	Clean spark arrestor.	See manual
	Oil	Change oil & filter.	See manual
Electrical	Inverter/Charger	Keep inverter/charger area clear of personal items, as well as, clean from dust, pet hair, etc. as this will extend the life of the unit.	Every 3 months
	Wire Lugs	Check wire lugs in 110 breaker box and on transfer switch and make sure they are tight.	Every 3 months
		Check wire lugs on 12 volt circuits and make sure they are tight.	Every 3 months
Roof AC	Filter	Periodically check and clean filters in ceiling shroud.	Every 2 months
	Vents & Heat Strip	Remember to keep all vents open and to keep the heat strip from tripping the breakers and the reset buttons.	N/A
	Mount Bolts	Remove the plastic ceiling shroud & check the mount bolts for proper tightness.	Every 6 months
	Seal Gasket	Replace the seal gasket.	Every 2 years
In-Line Water Filter	Water Filter	Clean	Every 3 months
Refrigerator	Refrigerator	Keep sleeper cool. Don't ask refrigerator to stay cool in a sleeper that is 90+ degrees.	N/A
Heating & Cooling	Insulation	Use vinyl window inserts for extra insulation.	N/A
Water	Drains and Fresh Water Overflow	When running in a heavy snow, ice, or extreme cold, make sure to check the water drains below the sleeper and make sure they are open and clear of ice, snow, etc. This will prevent the chance of damaging your fresh water tank.	Daily

Fresh Water	Fresh Water System	Sanitize	Yearly
System			
Ceiling Vent	Ceiling Vent	Use ceiling vent every time shower is in use.	N/A
	1	Lau	T
	Fiberglass/Gel Coat	Clean	Every 3 months
			IIIOIILIIS
	Fiberglass/Gel Coat	Wax	Every 6
			months
	Window Sealants	Inspect/Reseal	Every 6
			months
			1
	Roof Seams & Joints	Inspect/Reseal	Every 6 months
			IIIOIILIIS
	Latches & Locks	Lube	Monthly
		,	-I
	Smoke Detector & CO Detector	Test	Monthly
			_
	Vents	Dust in and around vents. Take special note of	Monthly
		vents around the microwave/convection oven.	
Doviou all a	aniar appliance O compan	ant manuals on a regular basis to	Monthly
		nent manuals on a regular basis to	onenny
ensure all m	naintenance is up to date.		

# **SERVICE**

We are fully committed to providing customer service that is superior to any other in the industry. If you don't believe us just ask our best salesperson... our customer!

Our service department is open at 6:00 am Monday – Friday. Call or check our website for closing hours.

# Defects v. Damage

Please note the distinction between "defects" and "damage" as used in this Limited Warranty: "Defects" are covered because ARI is responsible; on the other hand, we have no control over "damage" caused by such things as collision, misuse, and lack of maintenance which occurs after the sleeper is delivered to the owner. Therefore, "damage" for any reason which occurs after the sleeper is delivered is not covered under this warranty. Damage must be noted at delivery to ARI. Maintenance services are also excluded from the warranty because it is the owner's responsibility to maintain the unit.

ARI Legacy Sleepers does not undertake responsibility to any owner beyond the original cost of the

ARI Legacy Sleepers does not undertake responsibility to any owner beyond the original cost of the sleeper to ARI or for any undertaking, representation, or warranty made by any dealer beyond those expressed herein.

#### **Our Responsibilities**

- 1. Provide timely service under the terms of the warranty agreement.
- 2. Maintain an adequate service facility, staffed with trained technicians equipped to perform competent, efficient service to your Legacy sleeper in a good and workmanlike manner.
- 3. Provide a pre-delivery inspection of your ARI Legacy sleeper prior to delivery. This includes providing written instruction on the operation of the unit's systems, components, and ARI's Warranty Agreement.
- 4. Remedy all open safety and service advisories prior to retail sale and delivery of the unit.

#### **Owner Responsibilities**

It is the responsibility of the owner to maintain the sleeper as described in the Care and Maintenance section of the Owner's Manual including taking whatever preventative measures necessary to maintain the exterior sealants of the unit and to prevent foreseeable secondary moisture or water damage to the unit from rain, plumbing leaks, condensation, and other natural accumulation of water in the unit. Owners should not leave a unit unattended while attached to an internal or external water source which could lead to a 'flooding' condition. Examples of secondary damage include, but are not limited to, stained upholstery, carpeting, or drapes, mold formation and growth, furniture cabinetry or floor deterioration, etc. Mold is a natural growth given certain environmental conditions and is not covered by the terms of this Warranty Agreement.

- 1. Sign and return the ARI Warranty Agreement within 30 working days from the date of delivery in order to register your unit with ARI Legacy Sleepers.
- 2. Review the information contained within this manual and all supplied component manuals.
- 3. Ensure the proper care and maintenance outlined in the manual is executed by appropriately trained personnel according to the Maintenance Schedule outlined in this manual.
- 4. Make an appointment.

#### **How to Obtain Warranty Service**

Please note that in almost every situation, you will need to make an appointment. Whenever possible, follow these steps to help assure a smooth Service experience:

- 1. Within 30 days of discovering the defect you must notify ARI Legacy Sleepers of the defect which is discovered within the warranty coverage period.
- 2. Call Ahead Give thought to an appointment time and call ahead. Deliver the unit to ARI within a reasonable time after discovery of the defect within the warranty period. All shipping or towing expenses incurred in transporting the unit for warranty service shall be owner's responsibility. Upon requesting the warranty services you will be asked for:
- (a) Your name
- (b) Date of purchase
- (c) ARI sleeper unit #
- (d) An explanation of the anticipated warranty claim
- 3. Be Prepared/Make a List- Have a detailed list ready to review with scheduling when making an appointment. Clearly identify what occurred, when and how the unit was being used at the time it occurred (shore cord plugged in or on battery power, using the water pump, only happens when I use the shower, etc.). The more information provided up front, the better chance the concern will be addressed timely and accurately the first time.
- 4. Parts Lead Times -While the majority of the parts needed for warranty repairs are in stock at ARI, a number of them may be special order. Many of these parts need to be manufactured with extended lead times that can delay the repair process.
- 5. Inspecting your repairs ARI wants you to be satisfied with any repair. After a repair is performed, inspect it thoroughly. Go over the repairs with the service representative and check off your list as you go. In the event a problem should reoccur after you have left ARI, contact the service department as soon as possible so the situation can be resolved expediently.

# APPLIANCE & COMPONENT WARRANTY SERVICE/ADMINISTRATION

Appliance and component manufacturers may or may not provide their own warranties. These warranties are separate from ARI's Warranty Agreement and constitute the only warranty for those specific appliances and components. The terms, conditions and warranty periods of these items may vary from the ARI Warranty Agreement.

For the appliance and component manufacturers providing warranties, ARI does, however, administer those warranties during the term ARI Warranty Agreement. All warranty service claims on components must therefore be directed during the one year of this Limited Warranty to ARI. After the one year period, all appliance and component warranty claims must be directed to the respective appliance and component manufacturers.

ARI is not warranting any appliance or component and is only representing that it is authorized to administer the services for such products during the one year term of the Limited Warranty. In no way shall ARI's Warranty be modified or amended by ARI providing administrative services for appliances and components.

# **GLOSSARY OF COMMON TERMS & DEFINITIONS**

BLACK TANK: The holding tank into which the toilet directly drains.

BLACKWATER: The term associated with sewage contained within the black tank.

COMMERCIAL: Connected with, or engaged in, or sponsored by, or used in commerce or commercial enterprises.

CONDENSATION: The result of warm humid air coming in contact with cold glass also known as 'sweat'.

#### CONVERTER/INVERTER:

CONVERTER: Device that converts 120V AC to 12V DC.

INVERTER: Device that converts 12V DC to 120V AC.

DC ELECTRICITY: Direct Current. Also termed Battery Power. Used to run all 12 Volt powered systems or lighting.

DUMP STATION: Term used for locations to drain the waste holding tanks (gray and black tanks). In most states it is illegal to dump your tanks anywhere except at dump stations.

GENERATOR: Powered by diesel, generates 120V power.

GRAY TANK: The waste holding tank into which water from the kitchen sink and shower drains.

GRAYWATER: Water drained into the gray holding tank.

HOLDING TANKS: Refers to the tanks typically known as fresh water, gray and black, where the water is held.

MODIFICATION: The act of making something different.

SHORE LINE: The electrical cord that connects 120V from an exterior outlet. Also called 'Power Cord'

SHORE POWER: The 120V outlet that connects to the Shore Line.



# American Reliance Industries, Co. WARRANTY AGREEMENT

# **LIMITED WARRANTY**

<u>One Year Limited Warranty.</u> AMERICAN RELIANCE INDUSTRIES, CO. ("ARI") warrants each new sleeper manufactured by ARI for a period of twelve (12) months from the date of delivery to the original purchaser to be free from defects in materials and workmanship under normal use and service. The obligation of ARI under this warranty is limited to repairing and replacing, at its option, any part or parts hereof within twelve (12) months after delivery of such sleeper to the original purchaser, which sleeper shall be returned to ARI with transportation charges pre-paid by purchaser and which examination by ARI shall disclose the sleeper to be defective, except as hereafter provided.

**Five Year Modular Sleeper Body Limited Warranty.** ARI hereby warrants that each new modular sleeper body (exclusive of paint finish, hardware, moldings, windows, stainless steel accessories and other appointments and accessories) is structurally sound and free of all structural defects of both material and workmanship and further warrants that it will maintain such structural integrity for a period of five (5) years from the date of delivery to the original purchaser. This structural integrity warranty is NOT transferable to a second purchaser. In the event of a chassis remount this structural integrity warranty shall remain in effect providing that such work is completed by ARI or a facility approved by ARI.

<u>Limited Warranty Exclusions</u>. The following items are excluded from the ARI limited warranties:

- Chassis or items supplied by the chassis manufacturer;
- Normal service items (general tightening and light bulbs);
- Separately manufactured items installed by ARI including, but not limited to, batteries; battery chargers; generators; inverters; appliances; entertainment equipment; satellites; hot water heater; heater/air conditioner; roof top air conditioner; interior and exterior lights; air ride systems; windows; doors; and similar equipment. Such items are covered by warranties supplied by the OEM of the components. Please note that ARI Customer Service personnel will assist in warranty assistance with the OEM manufacturers of these components;
- Normal wear and tear:
- Damage as a result of neglect, misuse, abuse, collision, alteration, accident, improper maintenance, improper repairs, freezing temperatures, off road use, vandalism or theft, negligence or unapproved alteration or original parts;
- Any ARI product which has been altered or modified from ARI's factory specifications;
- Any ARI product sold at retail by a party other than ARI or an authorized ARI dealer;
- · Any unauthorized repair or installation;
- Damage or surface corrosion due to airborne fallout (including chemicals, tree sap, etc.) stones, hail, earthquake, water, acid rain, flooding, windstorms, lightning, road salt, road salt spray, blowing sand, road surface debris or other environmental factors; and/or
- Any warranties stated by any person beyond those contained in this publication.

PURCHASER INITIALS	

THIS MANUFACTURER'S WARRANTY IS PROVIDED IN PLACE OF ANY AND ALL OTHER REPRESENTATIONS OF EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY ON BEHALF OF ARI AND ANY OF ITS DEALERS OR DISTRIBUTORS OTHER THAN SET FORTH IN THIS MANUFACTURER'S WARRANTY. YOUR RIGHT TO SERVICE AND REPLACEMENT PARTS ON THE TERMS EXPRESSLY SET FORTH HEREIN ARE YOUR EXCLUSIVE REMEDIES AND NEITHER THE MANUFACTURER NOR ANY OF ITS DISTRIBUTORS SHALL BE LIABLE FOR DAMAGES WHETHER ORDINARY, INCIDENTAL OR CONSEQUENTIAL.

#### Other Limitations and Disclaimers.

- 1. ARI FURTHER DISCLAIMS ANY LIABILITY FOR ECONOMIC LOSS ARISING FROM CLAIMS OF PRODUCT FAILURE, NEGLIGENCE, DEFECTIVE DESIGN, MANUFACTURING DEFECT, FAILURE TO WARN AND/OR INSTRUCT, LACK OF ROADWORTHINESS, AND ANY OTHER THEORY OF LIABILITY NOT EXPRESSLY COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY.
- 2. TO THE EXTENT ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS IMPLIED BY LAW AND CAN NOT BE DISCLAIMED UNDER APPLICABLE LAW DESPITE THE DISCLAIMER HEREIN, SUCH WARRANTIES SHALL BE LIMITED TO THE DURATION OF ONE YEAR FROM THE DATE OF DELIVERY OF THE ARI PRODUCT TO THE FIRST RETAIL OWNER.
- 3. NEITHER ARI NOR THE SELLING DEALER SHALL HAVE ANY RESPONSIBILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE; LOSS OF USE OF THE PRODUCT; LOSS OF TIME, PROFITS OR INCOME; INCONVENIENCE; COMMERCIAL OR ECONOMIC LOSS; OR ANY OTHER CONSEQUENTIAL OR INCIDENTAL DAMAGES.
- 4. IN NO EVENT SHALL ANY REPAIR OR REPLACEMENT UNDER THIS LIMITED WARRANTY EXCEED THE FAIR MARKET VALUE OF THE CUSTOMER'S SLEEPER AS OF THE DATE THE CUSTOMER PROVIDES NOTIFICATION OF THE DEFECT.
- 5. The terms and conditions contained herein, as well as those of any documents prepared in conjunction with the sale of the sleeper may not be modified, altered or waived by any action, inaction or representations, whether oral or in writing, except upon the express, written authority of an executive management employee of ARI.
- 6. ARI and its dealers also reserve the right to provide post-warranty repairs, conduct recalls, or extend the warranty coverage period for certain ARI products, at the sole discretion of ARI. The fact that ARI has provided such measures to a particular sleeper in no way obligates ARI to provide similar accommodations to other owners of similar sleepers.
- 7. ARI reserves the unrestricted right at any time and from time to time to make changes in design of and/or improvements on its products without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products theretofore manufactured.
- 8. Should repairs become necessary under the terms of this Warranty Agreement, the extent of that repair shall be determined solely and exclusively by ARI and shall be performed solely by ARI or a repair facility designated and approved by ARI. The expense of any transportation to or from ARI or such repair facility and any down time shall be that of the purchaser and is not an item covered by this Warranty Agreement.

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- 9. The ARI Limited Warranties are conditioned upon normal use and proper maintenance of such ARI products; prompt written notice of all defects submitted to ARI; no repair or additions thereto except by ARI; said defect not resulting from misuse, negligence, accident, remounting, overloading by purchaser or third parties. If any of such conditions are not complied with, the warranty shall be void and unenforceable.
- 10. The coverage of the One-year Limited Warranty and Five-year Modular Sleeper Body Structural Limited Warranty extend only to the first retail purchaser and is not transferable.

<u>The Purchaser's Obligations</u>. Purchaser must submit a signed Warranty a within 30 days of delivery of the ARI product in order to activate warranty coverage. All warranty work or repairs must be referred to ARI for authorization as a condition precedent to limited warranty coverage. ARI or a repair facility approved and designated by ARI must perform all warranty work. That means that, depending on the warranty repair needed, the product may need to be taken to another authorized repair facility or returned to ARI. ARI must receive written notice of any remaining warranty claims from the purchaser prior to the expiration of the purchaser's limited warranty, and the purchaser must allow ARI an opportunity to resolve the matter.

For further information regarding this Limited Warranty, please contact ARI at:

ARI Warranty Department 860 North Tuscany Drive PO Box 246 Shipshewana, IN 46565 260-768-4704 (Customer Service)

# **PAINT FINISH**

Paint finishing is covered by the warranty supplied by the paint finisher. A copy of the paint finisher's warranty is available upon request from the paint finisher or from an ARI Customer Service Representative. Paint finish is excluded from ARI limited warranties.

**ELECTROLYSIS/GALVANIC CORROSION**. Electrolysis is caused by two or more dissimilar metals reacting against each other causing paint to lift and blister. The trucking industry has battled this problem for many years. Your sleeper comes standard with a protective coating of ECK applied between all handles, hinges, lights and hardware attachment points. This protective coating is designed to reduce and control the natural occurring process of galvanic corrosion (electrolysis), should you remove any of the components where ECK has been applied they must be recoated prior to reinstallation. Since galvanic corrosion is a naturally occurring process and not a preparation or paint application problem it is NOT covered under any ARI warranties. Galvanic corrosion is also EXCLUDED from the paint finisher's warranty. ARI will, however, at its discretion offer some expense relief on a per call basis if this should occur. General guidelines are as follows:

- Prior to 12 months from the date of delivery to the original purchaser 75% coverage.
- Subsequent to 12 months from the date of delivery to the original purchaser but prior to 24 months from the date of delivery to the original purchaser 50% coverage.
- Subsequent to 24 months from the date of delivery to the original purchaser but prior to 36 months from the date of delivery to the original purchaser 25% coverage.
- Subsequent to 36 months from the date of delivery to the original purchaser 0% coverage.

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This is a legal contract between you and ARI. It is agreed that you have one year from the accrual of any cause of action to commence a legal action arising from the purchase or use of the sleeper, or be barred forever. To the extent any provision of this warranty agreement contravenes the law of any jurisdiction, such provision shall be inapplicable in such jurisdiction and the remainder of the warranty shall not be affected.

I, the undersigned purchaser, have read the above Warranty Agreement and understand and accept its terms and acknowledge receipt of a copy of the agreement (4 pages). I have initialed pages one, two, and three of this Warranty Agreement. The undersigned represents and warrants that the undersigned has been duly authorized to sign this Warranty Agreement on behalf of the Purchaser.

Dated this day of	, 20	
American Reliance Industries, Inc.	Purchaser:	
Ву:	By: First Purchasers Signature	
President	First Purchasers Signature	
Chassis/Truck Serial Number	Purchaser Printed Name	
Sleeper Serial Number	Mailing Address	
Date of Retail Sale	City State Zip	
Dealership Name	Phone Number	
Dealership Representative & Title	Email Address	
	Leased To	



# American Reliance Industries, Co. WARRANTY AGREEMENT

#### LIMITED WARRANTY

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Five Year Modular Sleeper Body Limited Warranty. ARI hereby warrants that each new modular sleeper body (exclusive of paint finish, hardware, moldings, windows, stainless steel accessories and other appointments and accessories) is structurally sound and free of all structural defects of both material and workmanship and further warrants that it will maintain such structural integrity for a period of five (5) years from the date of delivery to the original purchaser. This structural integrity warranty is NOT transferable to a second purchaser. In the event of a chassis remount this structural integrity warranty shall remain in effect providing that such work is completed by ARI or a facility approved by ARI.

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- Normal wear and tear:
- Damage as a result of neglect, misuse, abuse, collision, alteration, accident, improper maintenance, improper repairs, freezing temperatures, off road use, vandalism or theft, negligence or unapproved alteration or original parts;
- Any ARI product which has been altered or modified from ARI's factory specifications;
- Any ARI product sold at retail by a party other than ARI or an authorized ARI dealer;
- Any unauthorized repair or installation;
- Damage or surface corrosion due to airborne fallout (including chemicals, tree sap, etc.) stones, hail, earthquake, water, acid rain, flooding, windstorms, lightning, road salt, road salt spray, blowing sand, road surface debris or other environmental factors; and/or
- Any warranties stated by any person beyond those contained in this publication.

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Dated this day of	, 20	
American Reliance Industries, Inc.	Purchaser:	
Ву:	By: First Purchasers Signature	
President	First Purchasers Signature	
Chassis/Truck Serial Number	Purchaser Printed Name	
Sleeper Serial Number	Mailing Address	
Date of Retail Sale	City State Zip	
Dealership Name	Phone Number	
Dealership Representative & Title	Email Address	
	Leased To	