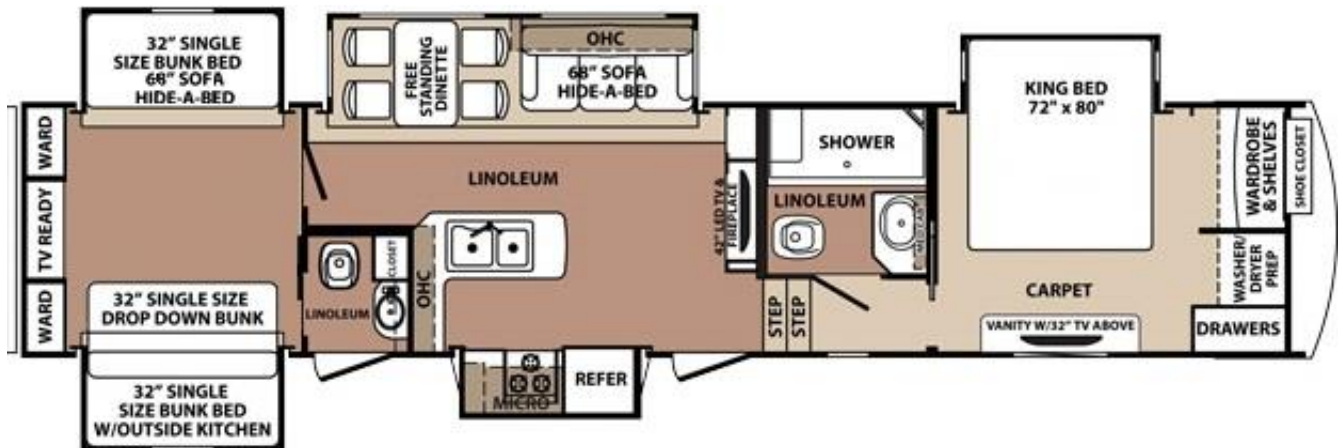


Trailer Inspection Checklist



TOOLS

- Clipboards with floor plan diagram, paper and pencils
- Fine Sharpie or other felt pen
- Cup
- DVD and audio CD
- Ladder
- Gloves
- Flashlight
- Measuring tape
- 110V outlet tester
- Multimeter
- Overalls or old clothes
- Torque wrench and English sockets
- Tire pressure gage (good for 80 psi or higher)
- Blow-dryer (or other plug-in 110V appliance) for the electrical checks
- Vice grips
- Inspection mirror (with handle)
- Phillips and flat screwdrivers
- Adjustable wrench
- Needle nose pliers
- Short water hose
- Paper on the end of a stick to check ceiling vent air flow

ASSUMPTIONS

- Both propane tanks are full
- Shore power is available
- City water and a hose are available
- Fresh water tank is full
- Grey and black tanks are empty or nearly so

- Sewer connection or a dump station is available
- Fully charged battery is connected

START STATE

- Shore power off
- Trailer unhitched and leveled
- Everything off
- Slides in or out (in will make tire checks easier)

Assemble or locate MOVABLE THINGS that are part of the delivery.

- All keys (mark the keys for their function)
- Battery
- Bedroom bedspread, pillows, and shams
- Bunkhouse drawer straps (2)
- Bunkroom mattresses (3)
- Dealer acceptance, build sheet, PDI checklist, Invoice
- Dining table chair straps (2)
- Dining table chairs (4)
- Fire extinguisher
- Galley sink covers (2)
- Lug nut wrench
- Outside kitchen stove straps
- Owner's Manuals, Operation Manuals, Information Manuals, Maintenance Manuals
- Propane hose for outdoor kitchen stove
- Remote, ALTA 5-Function trailer control
 - With key fob
- Remote, Fireplace
- Remote, Furrion entertainment system
- Remotes, Television (3)
- Shore service connections:
 - Shore power cable (25')
 - Fresh water hose
 - Sewage hose
 - TV cable
- Spare tire
- Startup kit
- Stove cover
- Vacuum hose and tool bag
 - 40' stretch hose
 - Adjustable telescoping aluminum wand
 - Crevice tool
 - Dust brush
 - Upholstery tool

- Combination rug/floor tool
- Washer drain plug
- Water filter element
- Water filter wrench
- Wheel axle rubber caps (4)
- Wheel hub caps (4)

MANUALS Component warranty cards, information, operation and maintenance instructions

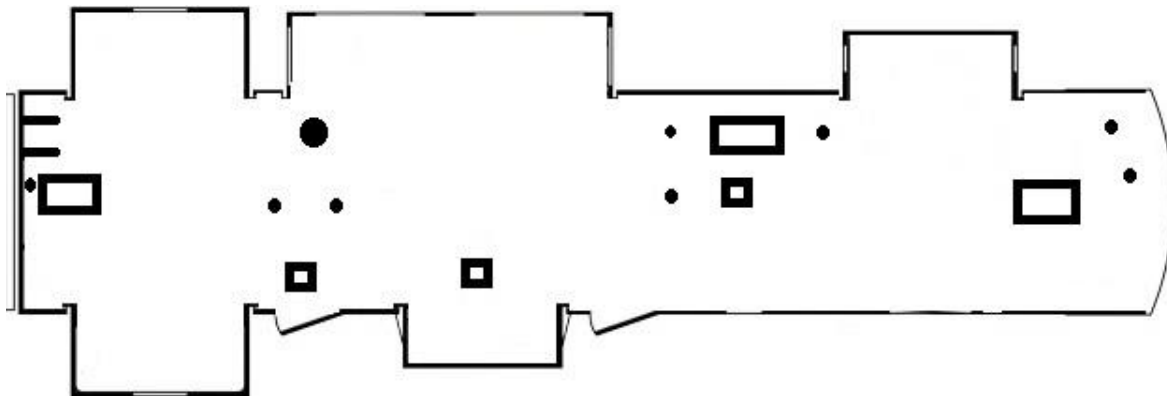
- Alarm, CO/fire
 - Alarm, LP gas
 - Break away switch
 - Converter/battery charger
 - Dinette table
 - Faucet, bathroom
 - Faucet, kitchen
 - Fireplace space heater
 - Furnace, LP 42K
 - GFI outlets
 - Heat pads for holding tanks
 - Microwave
 - Refrigerator, Outside Kitchen
 - Pin box
 - Power panels
 - Range/oven
 - Roof EPDM membrane
 - Roof sealant
 - Sinks
 - Steps, four step entry
 - Stove, Galley
 - Stove, Outside Kitchen
 - Television, Outside Kitchen
 - Toilets
 - Waste system
-
- Al-Ko axle
 - Alta remote control
 - Dometic Low Profile Air Conditioner 13.5K
 - Dometic Ducted Air Conditioner 15K
 - Dometic 9150 Power Awning
 - Dometic A&E slide topper
 - Dometic AC Thermostats
 - Dometic couch

- Dometic Refrigerator
- Fan-Tastic Exhaust fans
- Forest River Trailer User Manual
- Forest River Trailer Warranty
- Furrion DV1200 Entertainment System
- Goodyear Marathon Tires
- InterVac RoadVac RM120 Central Vacuum System
- Lippert Destination Tri-Fold Sofa
- Lippert Hydraulic Slides
- Lippert Level Up Six point RV Leveling System, Owner's and Instruction Manual
- Shurflo Revolution 4008 Series Fresh Water Pump
- Suburban SW10PE 10-gallon gas/electric DSI (direct spark ignition) water heater
- Toshiba 32" LCD HD Television, front and main
- WaterPur FR1 Water filter
- Winegard RS-3000 RoadStar Antenna

OUTSIDE WALK AROUND: The outside walk around should take about one hour. At this point, you're generally searching for anything that does not look right.

Start with shore power off, battery disconnect on, propane full, water tank full, grey and black tanks empty, awning up, slides in

1. Roof Sealing and Equipment



- Use a ladder or carefully inspect the one on the back of the unit if you are going to use it. Go up on the roof. Check that all the ladder mounting points are solidly attached to the body and the rungs are firmly fixed to the frame.
- On the roof, inspect all seams, seals, gaskets and any other place that the roof material has been cut or holes drilled.
- Check that all shrouds and covers are intact, unbroken, and properly seated on the roof. Proper polyurethane caulking should have been used to seal all places where the roof has been penetrated.
- Learn how to remove the AC unit shrouds. In doing so you will learn how to check that they are secure.
- Check closely around air conditioners, vents, antennas, sewer vents, and side seams.

- Look for any signs of bubbles (large and small), delamination, foreign objects, or protruding screw heads under the membrane (if a rubber roof).
- Check the attachment of the AC unit covers.
- Identify all roof penetrations.
- Examine roof attachment of all slide out toppers.

2. Chassis Inspection

- Put on some old clothes or coveralls and get a good-sized piece of cardboard or carpet to make it easier to lie on your back while checking around under the trailer. If it's possible to do so without jacking up the rig, it's a lot easier. Do what makes sense for you.
- You want to be able to inspect all air, water, and/or hydraulic lines, wiring, shock absorber attachments, and in general every place that a wire or pipe could rub against something that could cause a problem later.
- All wiring and piping should be properly fastened.
- Identify all bottom penetrations.

3. Paint and Siding

- Carefully check the paint finish on the RV. Any problems can be verified and corrected at this point with a lot less hassle.
- Sight down the side of the unit to check looking for delamination bumps or depressions in the siding.
- Divide each side of the unit into 2, 3 or 4 sections and inspect for siding issues: color variations, dents or irregularities.
- Do the same for the ends of the unit
- Look at places where vinyl film is used for graphics to make sure it is free of any air bubbles.
- Check ends of any decals for uniformity or "mistakes" that may have gouged the siding.
- Look closely where masking tape was used for paint graphics to make sure there is no over-spray.
- Carefully check for surface smoothness and any place when paint coverage is marginal or where there are bubbles.
- Identify all sidewall penetrations.

4. Windows

- Check closely around each window to make sure it has been properly aligned and sealed.
- Check each window glass for scratches, chips, or cracks.

5. Tires, Wheels, and Axles

- Closely inspect the tires and wheels for condition and any grease leaks.
- Examine the area above each set of wheels for past transport damage or potential sites for water leakage.
- Check pressure of the four main tires.
- Check pressure of the spare tire.
- All tires should have a valve stem cap.

- Verify the torque of the lug nuts or have the PDI mechanic do it while you watch. 105 ft.-lbs.
- Remove the hub bearing dust covers and look at the wheel bearing zerks for damage. Finger check zerk tightness.
- Find out the proper jacking points for the trailer and what kind of jack to use.
- Determine if your tow vehicle lug nut wrench will fit the lug nuts on the trailer or if another size is necessary.

6. Baggage Compartments

- Open and close each door checking for proper alignment and gaskets.
- Confirm that each key works in the appropriate lock.
- All hinges should be tight and secure and the latches should hold the door tightly closed and still be easy to open.
- Feel the floor or carpeting and look for any signs of moisture that might indicate rain leakage.
- Verify that compartment lighting (if fitted) works properly.
- Any gas cylinders used for keeping a door open should be properly installed so as not to interfere with items stored in the compartment. If clamp-type door hold-opens are used, make sure they are present and hold the door correctly.
- Confirm that each key works in the appropriate lock.

7. Battery

- Check the battery box to verify that it is ventilated and that any battery slide mechanisms work properly.
- Verify that no battery cables are rubbing on any part of the frame because that will eventually end up with a short circuit and possible fire.
- Use the monitor panel to check battery levels.
- Understand and verify operation of any battery disconnect switches.
- Understand the battery type provided and how to maintain them.

8. Level-Up Leveling System

- Verify the key operates the control panel cover lock.
- Operate the system from the control panel
 - Turn the system on.
 - Retract/raise the rear jacks.
 - Retract/raise the front/landing gear jacks almost all the way.
 - Press the Auto Level button twice. This should fail with a Not Available error.
 - Extend/lower the front/landing gear jacks to the point as if the trailer had just been unhitched.
 - Press the Auto Level button. Observe the auto level sequence: front, left, right, front.
- Do all lift mechanisms operate correctly and sound good?
- Verify the key operates the hydraulic pump space door.
- Examine hydraulic pump space. Verify there are no leaks and fluid reservoir level is in safe range.
- Check there was no hydraulic leakage from any jack.

9. Sewer and Fresh Water Connections

- Inspect this area on the trailer to make sure that nothing is broken or deformed.
- If appropriate at this time, make certain you understand how each valve or fitting works.
- Understand the proper function of the black and gray water valves.
- If tank flushing is installed, understand how it operates.
- Understand where the low point drains are for the fresh water system.

10. Satellite and Cable TV Connections

- Find and understand the cable television connections.
- Make sure a weather cap is present for each connector and that connectors are properly identified and mounting plates are properly sealed.
- Understand the satellite pre-wire connections.

11. Propane

- If the tank(s) are contained in a compartment, there should be no possible way for propane to enter into the RV or any other compartment.
- Understand how the regulator works and how it switches between cylinders.
- Confirm that a leak test has been performed on both pigtails between the tanks and regulator and the rest of the system.
- Locate and understand the operation of the main shut off valve (if any).

12. Entry Doors

- The main doors should open and close smoothly, and lock without any extra effort.
- Confirm that each key works in the two locks.
- Check that the screen door opens smoothly alone and locks to the main door without any extra effort.
- Check the gasket used on all doors for proper adhesive and coverage.
- Look closely at the door from the inside and confirm that it sits flush against the inside of the doorjamb.
- The main door should open and close smoothly and lock without undue effort.
- Check that the screen door opens smoothly alone and locks to the main door without any extra effort.

13. Awning

- Extend and retract the awning, paying particular attention to how the awning is locked in the retracted position.
- Make sure all springs, locks and supports work well and are properly aligned and adjusted.
- Wiggle the mounting points for the support arms to get a feeling for how solidly they are mounted to the body.
- Inspect the awning material for tears and frays
- Learn how to manually retract the awning

14. Slider Operation

- Understand the mechanism that extends and retracts the slide.
- Operate it several times on both battery and shore power and understand any restrictions on operation. While operating, listen for rubbing or signs that it is struggling to open or close.
- When the slide is extended "Out":
 - Inspect all of the exterior slide seals all the way around the slide. They should not have any missing pieces, chunks missing, or loose hanging pieces.
 - Inspect the seals at the trailer body for misalignment, loose sections, or gaps.
 - Ensure that the inside mating surfaces are all sealed with equal gaps all around, and no "light leakage" from the outside (if you see light, you will have water leaks!).
- When the slide is retracted "In":
 - On the inside, again look for light leaks or airflow.
 - Inspect the exterior seals and ensure that gaps are even all around the slide. Look for seals and gaskets that are crimped or bunched.
 - Use a flashlight to look into dark corners.
- Understand the manual retraction process and actually perform the retraction as if the automatic mechanism had failed.
- Look for proper alignment of any wheels that may ride on carpet or other flooring, to ensure proper clearance.
- Understand any locking mechanisms that are used to hold the top of the slide out tight against the top of the RV.
- Check the under-slide area for proper routing of wires or cables.
- Confirm that nothing rubs on the tires (parts of the slide, wiring, insulation, Etc.) when the slide is retracted.
- Confirm that there are no hydraulic leaks.
- Verify that the hydraulic reservoir is at the proper level.
- Do the slides have travel locks?

15. Smoke, Propane, and Carbon Monoxide Alarms

- The PDI mechanic should have a small canister of gas that can be sprayed at the alarm to test its operation.
- Have them perform this test while you watch and learn how the alarms work.
- Confirm that there is a new battery in the smoke detector (write the date on it for reference)
- Activate the test button to check operation of the smoke detector. Understand how to turn it off.
- Where are the alarms powered from?

16. Refrigerator

- Most RV refrigerators work on propane or AC and have an automatic mode that gives preference to AC and then will switch to propane if AC power is not available.
- Check contents:
 - Two crispers
 - Three shelves
 - Three door bins

- Understand the controls and the status lights and set the unit on propane. The RV may need to be unplugged for this to happen.
- Go outside to the refrigerator vent grill and make sure that the propane heating column is lit and heating.
- While the refrigerator grill is open, check to make sure the drain line is positioned for proper drainage.
- Set the temperature at the highest cooling setting, because setting it to lowest will typically cause the coils to collect moisture and ice up.
- Come back in about 10 minutes to feel that the coil fins are actually starting to cool.

17. Bike Hitch

- Confirm that the hitch is firmly attached.

INSIDE FIT AND FINISH - Now it's time to go inside. In general you are looking for things that are not finished correctly since it is really too late to inspect the design of anything.

18. General

- Check for evidence of moisture (especially if the trailer has been out in the rain) around windows, vents, and slides.
- Check for stains, scratches, or wear from the show display.
- Confirm which options are factory installed on the trailer.

19. Water Pump (battery test)

- Your PDI mechanic should have filled the fresh water tank, so now you can test the function of the water pump.
- After turning it on, you should hear it pump for several seconds (even up to a minute) to create enough pressure in the system.
- If the pump does not shut off, there is a problem.
- Run water in the kitchen and bathroom sink and notice that the pump will come back on until proper water pressure is restored.
- Now is the time to fix a noisy pump if it is vibrating or making any irritating sounds.
- Does the water system have a surge tank?
- Is there a diagram of the water system?

20. Water Heater (propane test)

- Turn on the water heater using propane.
- A few seconds after you turn it on, you should hear the click of the igniter, and the small pop when the burner lights.
- The red light should stay on until that process happens.
- If it does not ignite, then there is a problem.
- If your unit is so equipped, understand the operation of the bypass valves for winterizing.
- Confirm that hot (or warm water depending on how long the water heater has been on) comes out of the hot tap at the various sinks.

21. Drawers and Cabinets

- Inspect and open all of the cabinets to insure that all the hinges and latches work well.
- Pull each drawer out to its stop, return it closed and then try to open it like road vibration might do.
- Make sure that there have been no water leaks and that all the wiring and pipes are well fastened.
- Inspect the linings (if any) to ensure they are fastened securely.
- Run your hand along all edges, front and back to check for and delamination or loose edges on molding or vinyl wraps (you may want to wear gloves for this part)

22. Molding, Trim, and Flooring

- Go over all the trim on walls, doors and furniture.
- Make sure that everything is fastened on well and not loose or ready to come off.
- Check that no nails or staples are protruding.
- Check corners of floors and ensure flooring is properly secured.

23. Lighting

- Operate every light switch and observe its function.
- Note: At this point, only 12V lighting can be tested, as the unit is NOT connected to shore power yet.

24. Doors

- Main entry door from outside
- Rear entry door from outside
- Bedroom French slider to closet and washer dryer area
- Bedroom pocket door to hallway
- Bathroom swinging entry door from hallway
- Bunkroom swinging entry door
- Half bath sliding entry door from bunkroom

25. Closets

- Open and close all closet doors checking for free operation and proper alignment.
- Hanger rods should be properly fastened and secure.
- Check any lighting that is provided and any switches that are used.
- Closet finishes are undamaged

26. Furniture

- Examine every piece of furniture to check for construction, upholstery, pattern and cloth matching.
- How are the dining table chairs stowed for travel?
- Verify the living area sofa mattress present
- Verify the bunkroom sofa mattress present

- Are the two sofas fastened to the floor?

27. Dinette Table and Chairs

- Examine table for damage.
- Open both leafs and check for stability.
- Check all four chairs for damage. Open storage seats. Fold two and unfold.

28. Counter Tops

- Inspect all counter tops for alignment and fastening.
- Make sure that any trim pieces that should be there are in fact tight.
- Check for caulking quality everywhere there may be water, especially edges near a sink.
- Check the installation of sinks and faucets.

29. Windows

- Open and close every window and operate the latches.
- Pay particular attention to the two safety egress windows or emergency windows and make sure they operate smoothly and easily.

30. Blinds

- Operate each window blind and check for alignment.
- Look at all valances and trim to be sure they are secured.

31. Floor Coverings

- Inspect carpet and other floor coverings in all corners and along all edges to ensure that they have been properly fastened down.
- Check areas that slide outs may roll over for pulled threads, cuts, or other problems.
- Check closely for gouges or cuts in linoleum tile.

32. Wall Coverings

- Check to make sure that all the wall coverings actually cover and join properly.
- Look for any discoloration or patch jobs that may cover hidden problems.
- Try to find any places where it is not perfect since now is the time to get it fixed while matching patterns are in stock.
- Some folks suggest ordering extra fabric, carpet, and wallpaper now so that matching material is available to make small modifications or repairs at a later date.

33. Exhaust Fans

- Test the operation of the bathroom vent manually.
- For each Fan-Tastic vent fan (Galley, half-bath)
 - Open the vent electrically
 - Start and stop the fan
 - Close the vent electrically

34. Stove

- Turn on one burner and adjust the flame to various heights.
- Turn on the other burners to verify that there is enough propane flow to operate the refrigerator, water heater and all the burners.
- If everything is OK, turn off the burners on the stove.
- If your unit has an oven, understand how the pilot is lit and verify its operation now.
- Note: Sometimes the burner igniters interfere with the operation of the thermostats for the roof AC. This is the time to find this problem.

35. Furnace

- Now it's time to understand the operation of the thermostats that control the heating and the air conditioning.
- Turn the furnace on and set a temperature demand that is at least 10 degrees hotter than ambient temperature.
- In about 30 seconds, you should hear the furnace fans come on.
- Shortly thereafter you should hear the click of the igniter and the sound of the burner. If not then there is a problem. It could also be taking a while for propane to get to the heater, so don't despair.
- Let the furnace blow and you should get hot air at about 110 degrees coming out of all vents. Check each one.
- Now turn the furnace down and the hot air will gradually turn cooler and the fans will eventually stop after the furnace has cooled sufficiently.
- During this process have someone with a good nose checking for any smell of material getting too hot, or exhaust coming out.
- Check the heater exhaust for anything abnormal.

OPERATION TEST OF ALL HOUSE SYSTEMS: You should be about two hours into to the PDI by now and you are ready to test all of the house type systems.

36. Shore Power System

- Now is the time to connect up to shore power.
- Pull out all of the AC cord, confirm the length (25'), and inspect the plug for good condition.
- Connect and energize shore power.
- Inside the trailer, check any 110V lighting and switches.
- Use a receptacle tester to check all 110V outlets for proper wiring/polarity.
- Find the GFI-protected outlet and test using the push button.
- Understand which receptacles are "downstream" from the GFI and are protected.
- Any electrical problems here should be corrected immediately.
- Turn on the outside kitchen refrigerator.

37. Ceiling Fan

- Turn on fan control switch.
- Test fan at all speeds.

- Check fan for balance and unusual noises.

38. Converter

- Confirm the operation of the converter/charger that is installed.
- Turn on several interior lights to create a load for the converter and confirm no excessive converter noise or vibration.
- Have the PDI mechanic explain the location and operation of the converter, the AC circuit breakers, and the DC fuses.
- Make sure that there is a written list of the loads connected to each fuse or breaker.
- Is there a diagram of the electrical system?

39. City Water System

- Turn off the pump, connect up to city water (use a regulator if overly high pressure is suspected) and confirm that the connection works correctly.
- Try all faucets. Verify hot water comes from the hot faucet, and cold water from the cold faucet.
- Do all sink drains hold water when closed?
- Look for leaks under sinks and confirm the operation of all fixtures.

40. Water Heater (electric test)

- Turn off the propane to the heater.
- Turn on the AC element in the water heater (if connected) and confirm operation.
- Make sure you know the location of the electrical switch at the water heater and the correct operation of the interior switch.

41. Tanks

- Re-fill the fresh water tank if necessary and run water into the gray tank to verify the gauge reading and that there are no leaks.
- Locate the fresh water drain valve.
- Locate the fresh water overflow vent.
- Filling the gray tank until water comes up in the shower will make it easier to find leaks inside and out.
- Do the same thing to the black water tank, including filling so that water comes up inside the toilet. Check for leaks. (If the toilet is installed correctly, there will be no leaks.) You can fill the black water tank by using the tank flushing system (if fitted), by using a garden hose adapter for the sewer connection (through a backflow preventer) or by bringing the water hose inside and filling the tank through the toilet. This last method can be a little cumbersome, and I don't recommend unless you've done it before.
- Check the gauges for accuracy while you are filling.
- Drain the gray and black water tanks using the sewer hose or the garden hose adapter.
- Connect a water hose to the black tank sprayer connections. Slowly turn on the water and listen for the sound of water spraying inside the tank. Turn off the water and disconnect the hose.

42. Fireplace

- Learn how to turn the unit on, to control the heat, and to control the front lighting.
- Are there any other fireplace features?

43. Air Conditioners

- Some air conditioners also have a heat strip or heat pump feature so now is the time to verify these functions.
- Turn on the air conditioner.
- After a couple of minutes, cool air, 20 degrees cooler than ambient, should be coming out of the registers.
- If your unit has ducting in the ceiling, make sure a good airflow comes out of each register.
- Learn how to clean the filters.

44. Central Vacuum

- Locate motor unit.
- Verify a bag is installed.
- Learn how to change bags. What type of bag is used? _____
- Locate all vacuum receptacles: base of steps, basement, other?
- Test operate system.

45. Washer / Dryer Connections

- Hook up a short hose to the hot water faucet and put the end in the washer drain.
- Turn on the hot water. Air may vent during this check, so hold onto the hose. Do not overflow the drain. Run the water until it is hot and then turn it off.
- Shift the hose to the cold water faucet. Use a rag to control leakage.
- Turn on the cold water. Air may vent during this check, so hold onto the hose. Do not overflow the drain. Run the water for 30-60 seconds and then turn it off.
- Ensure there is no apparent drain blockage to the grey water tank.
- Remove and drain the hose. Use a rag to control leakage.
- Check for proper wiring of the washer and dryer power outlets. You may need to turn on the breakers for the outlets.

46. Microwave

- Verify the platter, turntable mechanism, and rack are present.
- Put a cup of cold water in the microwave and set the timer for 5 minutes. The water in the cup should boil in less than 5 minutes. (This is when you test the stove too.)
- The turntable should turn.
- Check the vent hood and surface light.
- Make sure there are no unusual sounds coming from the microwave.

47. Entertainment

- For the most thorough test, bring a small AC/DC TV with you for the initial test.
- Review and understand the switching system that allows the selection of viewing channel on all televisions.

- Learn how to switch between Cable/DVD/Antenna/Aux inputs.
- Activate the control on the TV that scans for local stations.
- Learn how to switch the system to DVD. Play the DVD you brought.
- Learn how to switch the source to the outside speakers.
- Learn how to switch the source for the overhead speakers.
- Check the tightness of all three television brackets.
- Does the pivoting bracket for the main room TV lock securely?
- Check the security of the outside speaker system.
- Is there a diagram of the TV system?

48. Outdoor Kitchen

- Turn on refrigerator and verify compressor starts. Check for damage or missing internal parts.
- Check seals of compartment hatch. Are pistons firmly attached?
- Check condition of the cabinetry.
- Install propane hose and operate both burners of the stove. Remove propane hose when done.
- Examine operability of cabinet door.
- Check temperature in refrigerator.

49. Water

- Check the outdoor shower for hot and cold water.

50. Electrical Outlets to be tested

- Bedroom
 - Headboard left
 - Headboard right
 - TV
 - Washer
 - Dryer
- Bathroom
 - Sink
- Main / Galley
 - TV
 - Entertainment
 - Under cabinet
 - Under microwave
 - Behind microwave
 - End of island
- Bunkroom
 - TV left
 - TV right
- Half Bath
 - Sink
- Outdoor kitchen

- Refrigerator
- TV left
- TV right
- Outdoor
 - Right side
- Basement
 - Right
 - Left

51. Questions

1. Is there another 3710BH or 3715BH on the lot?
- **Exterior**
2. Roof
 - a. Is EternaBond tape for the exterior recommended?
 - b. Does it void the warranty in any way?
 - c. EPDM, fiberglass, or something else?
 - d. What is the ladder weight limit?
 - e. What is the roof weight limit?
 - f. What are the various roof vents?
3. Where do you jack up the trailer to change a tire?
4. What recurring maintenance is recommended?
5. When retracting the slides, is there a sequence?
6. Why do the two bunkroom slides move at the same time?
- **Electrical – 120VAC**
7. Explain the operation of the converter, AC circuit panel, and DC circuit panel.
8. Can I plug into a 30 amp service? Need an adaptor? Any concerns?
9. Are there any breakers besides the breaker panel?
10. Where is the power converter located?
11. How many GFI outlets are there? (half bath, under microwave, outdoor kitchen, ...)
12. Where do the GFI outlets get power?
13. Is every trailer outlet wired to a GFI?
14. Is there a diagram of the electrical system?
- **Electrical – 12VDC**
15. Where is the battery disconnect? How does it work? Should I disconnect it any time the RV sits?
16. With shore power off and battery disconnect off, the door entry light and propane alarm still have power. What else is directly wired to the battery?
 - a. Entry door light
 - b. LP alarm
 - c. Breakaway brake system?
 - d. Furrion entertainment system memory?
17. What type are the DC fuses? (ATC?)
18. Is there a main battery fuse? (Within 18" of battery?)
19. Where does the truck power connect to the DC system?
20. Are there any in-line fuses anywhere besides the fuse panel?

21. Where is the Level-Up breaker and the 10 amp in-line fuse?
22. What are the three 3 amp and one 15 amp in-line fuses near the battery for?
23. What type of bulbs are in the vanity lights? _____
24. Are there any other non-LED lights?
25. Where are the alarms powered from?
26. What sort of battery maintenance should I perform? Periodic checking / topping off the water?
27. Are there any trailer fuses for running lights, brake lights, or turn signals?

- **HVAC**

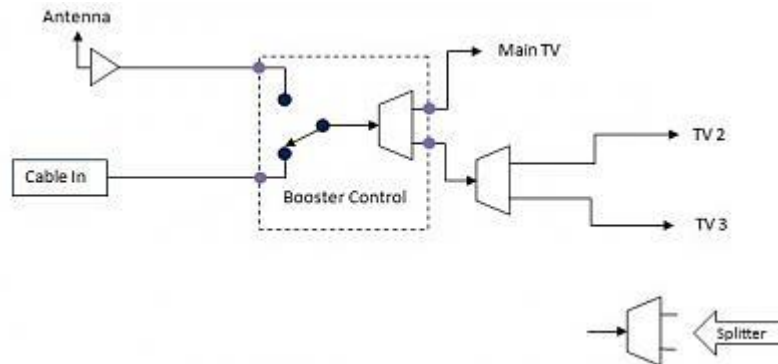
28. Are there furnace and AC filters?
29. If so where?
30. What size are they? AC _____ Furnace _____
31. How often to change/clean?
32. Are either of the AC units heat pumps?

- **Propane**

33. How does propane regulator work?
34. How do you switch between tanks?
35. Any way to tell propane level? Locate LP tank level sensors if present.

- **Electronics**

36. Digital TV antenna operation – omnidirectional?
37. Any other video inputs? (Camp cable, satellite (if installed), OTH digital TV, DVD)
38. How are the video inputs wired? Is there a diagram of the video system?



39. What is the video connection with power light in the bedroom wall cabinet? How is it connected?
40. How are the three video connections in the bedroom wall cabinet used?
41. How are the MAIN, CABLE, and HOOK-UP video connections in the water service space wired?
42. What is the video and audio cable for coiled in the basement?
43. How do you switch the video to the individual TVs?
44. How do you operate the surround audio?
45. Does the pivoting bracket for the main room TV lock securely?
46. How do you plug in an MP3 player?
- **Galley**
47. Refrigerator has Auto/LP/AC modes, but is there a DC element?
48. How do you turn on and run the fridge on propane?

49. Does the refrigerator automatically switch over to electrical once you plug in? If not, how do you switch it?
50. Does the microwave range hood vent outside the trailer?
51. How do you operate the Galley exhaust fan?

- **Furnace**

52. Can the furnace run on DC only?
53. With the furnace running on AC, is there a DC element?
54. Can the furnace operate with the battery disconnect off?
55. Is the furnace air return under the entertainment center?
56. Does the furnace heated air come out of the two floor registers?
57. Is the round vent in the bunkroom floor for heat?
58. What heat goes to the front bedroom?
59. Is the left thermostat for the furnace?
60. Where does the furnace power come from?

- **Water**

61. Where is the water pump?
62. Where does the water pump power come from?
63. Does the water system have a surge tank?
64. How to fill and drain the fresh water tank?
65. How do you know when the fresh water tank is full?
66. Where are the water system low-point drains?
67. Where is the water tank overflow?
68. How do you recommend winterizing: antifreeze or blow out?
69. Has the water system been sanitized?
70. Is there a diagram of the water system?
71. Are the three front tanks covered by the same heating pad?

- **Water Heater**

72. Where is the control for switching the hot water heater between propane and electric?
73. What does the water heater on/off switch on the Convenience Center do?
74. What does the water heater reset switch on the Convenience Center do?
75. Is this a DC or AC control circuit?
76. Does the hot water heater have a bypass?
77. If so, where is it and how does it work?
78. Does the hot water heater have inlet and outlet valves?
79. Can the hot water heater be drained?

- **Drain Systems**

80. How many drain tanks are there?
81. There are three tank heater pad fuses. Are the heaters always on via the switch or are they thermostatically controlled?
82. If they have thermostats, when do they come on?
83. Which of the five tanks are the three heater pads on?
84. Does the tank heater switch on the Convenience Center turn on all tank heaters?
85. Are there two rear tanks or one? It appears to be two – sewer and waste water.
86. Since there is no rear gray water connection, does it dump through the forward connection?

87. If there are four tanks, how do I tell the level of the rear black tank since it is not on the Convenience Center?
88. Are there grey and black tank overflows?
89. Grey and black tank vent locations?
90. How does the black tank flushing system work?
91. Does the rear black tank have a flushing system?
92. Does the black tank flushing system include backflow prevention?
93. Does the half bath sink drain to the galley tank or the rear black tank?
94. Is there a diagram of the drain tanks?

- **Hydraulics**

95. What type of hydraulic fluid does the system use? (ATF Type?)
96. Is the type marked in the pump area?
97. What is the proper fluid level in the reservoir when hitched for towing?
98. Are the leveling and slide hydraulic systems interconnected?
99. Are any tools required to manually operate the slide mechanisms and leveling jacks?
 - a. 1/8" Allen wrench to override valve
 - b. Drill with 1/4" hex bit (CW to extend, CCW to retract)
100. Is there a diagram of the hydraulic system?
101. Do the slides have travel locks?

- **Vacuum**

102. How does the vacuum system work?
103. Where does the vacuum system exhaust?
104. What kind of bags are used?

- **Miscellaneous**

105. How does the breakaway switch work?
106. How do you reset the breakaway switch?
107. Are all operable windows supposed to have screens?
108. Where is the dryer exhaust? If it is not installed, where would it go?
109. What are the best fasteners (size and length) to use for fastening things to interior walls?
110. What are the best fasteners (size and length) to use to mount an LCD TV in the bunkroom cabinet?

HITCH CHECKS

- Hitch up the truck, adjusting the fifth wheel hitch as necessary for a level tow
- Connect the trailer plug to the truck
- Check trailer lights
 - Running lights
 - Left and right turn signals
 - With emergency flashers
 - Brake lights
- Unhitch the truck
- Hitch up the truck, leave tailgate down
- Set the front landing gear to just above the ground (1")
- Unplug the trailer connector from the truck

- Pull the pin straight out of the breakaway switch (requires approximately 40 pounds of force)
- Attempt to pull the trailer with the tow vehicle. (The trailer wheels will rotate a little to apply the brakes. The brakes should then be set hard enough to not allow the trailer to roll freely. If the trailer rolls freely, service breakaway system or trailer brakes and retest.)
- Reinsert the pin into the breakaway switch
- Reconnect the trailer plug to the truck
- Raise the landing gear and tailgate
- Set the ITBC gain

TRUCK TRAILER HEIGHTS

- Unloaded Truck Heights
 - LR corner of bed @ lowest corrugation: 36"
 - LR top of bed rail: 57.25"
 - Fifth wheel above lowest bed corrugation: _____
- Loaded Truck Heights
 - LR corner of bed: _____
 - LR top of bed rail: _____
- Leveled Trailer Heights
 - Bottom of pin box: _____
 - Top of pin box: _____
 - Front of chassis: _____
 - Rear of chassis: _____

AC PANEL

Amps	Label	Load
15	Refer	Refrigerator
15	DO	?
20	AC	Rear Air Conditioner
15	WH	Water Heater
20	Wash	Washer Outlet
15	CV	Central Vacuum
20	Dry	Dryer Outlet
50	MAIN	
50	MAIN	
15	Rec	?
20	Micro	Microwave
15	GFI	Outlets
20	2AC	Front Air Conditioner
15	Conv	Converter
20	FP	?
15	Kit	Outdoor Kitchen

DC PANEL

Amps	Label	Load
15	Slide Room	Main slide? Lights?
15	Water Heater	Water Heater
15	Furnace	Furnace
15	Tank	Which tank heater?
15	Tank	Which tank heater?
15	Monitor	Convenience Center Monitor Panel, Awning? Switched lights? Water pump?
15	Refer	Refrigerator
15	Bathroom	Lights? Fan?
15	Bedroom	Bunkroom? Half bath? Lights?
	Empty	
15	Vents	Vent Fans?
15	Over	
7.5	TV	Winegard TV Antenna Amplifier
15	O/S	Hydraulic pump?
15	Cargo	Lights?
15	Bed Slide Room	Lights?
15	Stereo	Furrion DV1200
15	Tank	Which tank heater?

REPAIR LIST

Fixed

1. Center coach hydraulic leak from belly pan forward of axles
2. Belly pan repairs from hydraulic fluid damage
3. Bunkroom couch pull strap detached
4. Bedroom window screen bent
5. Bedroom French doors not attached
6. GFI outlet under microwave cannot be reset
7. Awning support rear lower attach point can be flexed due to the lower screws being incompletely driven in
8. Docking storage compartment hard to latch
9. Awning weather shield missing

Not Fixed at Pick Up 2/15/2014

1. Bunkroom duct rattle from AC
2. Bunkroom front wallpaper bubble at seam by door to main room
3. Bunkroom wall paper damaged by left upper bunk slide frame
4. Dinette table scratch – rear inboard edge
5. Loose (fallen off) underbody seam tape above RR wheel
6. Remove masking tape ID label on pin box
7. Loose interior trim above bedroom closets (adhesive failure)
8. Washer box not fastened to drawer cabinet on aft side (right side of bedroom closet)
9. Wrong DC fuse panel is installed (“Easy Diagnose” LED blown fuse indicators are missing)