



Essential Inspection Points

Patriot 360 RV Services and Inspections appreciate your business and look forward to providing you with an Essential RV inspection. This Essential Inspection will review and test the Life, Health and Safety of the unit and the Inspector may provide “recommendations” for future maintenance or repair.

So that we may provide you with a thorough inspection, your RV will need to be hooked up to all the utilities: fresh water, electricity, and sewer during the inspection. Due to the nature of RV absorption refrigerators and the time it takes for these refrigerators to cool, the refrigerator must have been in operation for at least 8 hours before an accurate temperature reading can be taken in the freezer and the refrigerator compartments. (If not, this will be noted)

This report will typically consist of 40+ photos describing the items that have been tested, reviewed and identified during the detailed Essential Inspection. You will receive a detailed report within 48 hours (after payment of inspection).

Roof

- o Inspect and rate the overall Roof Condition.
- o Rate the condition of the roof vents, air conditioners, antenna and other components that are mounted on the roof.

Sidewall and End Caps

- o Inspect and evaluate the appearance and functional condition of the sidewalls, entrance doors, windows, and cargo access doors.

Slide Out Rooms

- o Inspect and rate the roof condition.
- o Inspect and evaluate the condition of the seals, sweeps and gaskets for possible damage.

Awnings and Slide Out Toppers

- o Operate and rate condition of the awning frames and latching mechanisms.

Chassis Turn Signal and Running Lights (12-volt DC)

- o Operate and evaluate the emergency break away switch.
- o Activate and evaluate the operation of the DOT lights mounted on the RV.

120 Volt AC Electrical System (house type power)

- o Inspect and rate the condition of the power cord and its connection ends.

o Remove cover panel of 120-volt circuit breaker box to visually inspect the condition of the wiring, circuit breakers and grounding connections.

o Test and verify the output operation of the 120 VAC to 12 VDC converter for charging of the deep cycle batteries.

Generator – *if installed* (must have fuel to run and strongly recommend performing fluid analysis to determine internal combustion engine component condition. (additional cost)

o Identify and note the model, serial number and run hours of the generator.

o Check oil level.

o Start and operate the onboard generator.

Inverter – *if installed*

o Identify and note the model and serial number of the inverter.

o Visually inspect the wiring and electrical connections and fuses/circuit breakers.

Coach Battery System – (12-volt DC deep cycle Battery Electrical System)

o Evaluate the condition, age, and matched sizing of the battery stack.

o Access and visually inspect the wiring, fuse panel and fuses of the 12-volt DC electrical system.

Fresh Water System

o Verify the fresh water connections for the City Water hookup are operational.

o Verify the onboard fresh water tank and pressure pump system will operate and maintain pressure.

Waste Water Systems – (Gray and Black Water)

o Operationally test and inspect both waste (gray and black) plumbing systems for leaks under the sinks, shower, around the toilet and discharge lines.

o Operate both drain valves and test for ease of operation.

o Verify the drain cap is in place and will hold waste water.

Life Safety Items

o Perform and document LP gas timed leak test at cook top burner spud for 5 minutes at 8 inches of water column gas pressure.

o Test the Ground Fault Circuit Interrupter (GFCI) circuits in the 6-foot range of the water areas of the bathroom, kitchen and exterior receptacles.

o Test all wall receptacles for correct polarity and ground fault.

o Test the exterior skin for Hot Skin that would cause electrical shock.

- o Emergency Exit Windows – Verify all safety windows are operational.
- o Fire Extinguisher – Verify unit is secure in bracket and dial indicates extinguisher is fully charged.
- o Smoke/Fire Detector –Test and verify operation of units.
- o Carbon Monoxide Detector (if applicable) – Test and verify operation of unit.
- o LP Gas Detector – Verify gas detection and audio alarm. Document expiration date of detector.
- o Verify the rubber grommet is properly sealed around LP gas line of water heater.

LP Gas System

- o Visually inspect all hoses and pressure regulators for damage and age deterioration.
- o Verify plastic cover has been installed over regulator.

DOT Cylinders - *if equipped*

- o Document the manufacturer dates of DOT cylinders.
- o List the tank sizes that have been installed.
- o Conduct visual inspection of exterior of cylinder for rust and other damage.

ASME tank - *if equipped*

- o If tank is visible, conduct a visual inspection of tank for rust or physical damage.

Refrigerator

- o Identify the brand, model, and type of refrigerator.
- o Operate on all sources - 120-volt AC, LP gas and for 3-way refrigerators, 12-volt DC.
- o Collect serial and model number and verify with manufacturer if recall notice has been issued and completed for this unit.

Water Heater

- o Identify the brand, model, and type of water heater.
- o Fill tank with water (if necessary) and verify operation on all heat sources – LP gas and 120-volt AC if equipped with heating element.

Furnace

- o Operate and verify warm air discharge out of vents and proper return air flow to unit.

Cook Top/ Stove

- o Verify the ignition and operation of all top burners and the oven flame (if equipped).

Air Conditioner(s)

- o Perform cooling efficiency test (Delta T) on each unit.

Washer/ Dryer - *if installed*

- o Visually inspect and verify a wash and rinse cycle of the washer and dryer.
- o Evaluate and rate the exterior condition of the dryer exhaust vent.

Microwave/Convection Oven

- o Identify and list the brand, model, type, and output wattage of the unit.

Dishwasher - *if installed*

- o Identify and list the brand, model, and type of unit.

In House Vacuum System – *if installed*

- o Identify and list the brand, model, and type of unit.

Electric Fireplace – *if installed*

- o Identify and list the brand, model, and type of unit.

Cook Top Exhaust Fan

- o Operate and verify condition of the exhaust function and fan speeds.

Ceiling Mounted Fans and Ceiling Exhaust Vents

- o Operate and verify condition of the blade direction and fan speeds.

Interior Conditions and Appearance

- o Visually inspect all ceilings, walls, interior doors and flooring for signs of water intrusion, surface damage and/or staining.
- o Operate all interior, exterior and décor lighting – 12-volt and 120-volt.

Cabinets and Closet Condition

- o Inspect and evaluate all cabinet doors, drawers, and pull-out operation.

Furniture

- o Visually inspect the condition of the dinette table/booth, chairs, recliners, and sofa.
- o Visually inspect and note signs of mattress damage or staining.

Entertainment System

- o Visually inspect and operate all TV and stereo equipment.
- o Verify DVD/disc players and radios are operational.

Shower/Tub Enclosure

- o Evaluate and rate the seals around the frame work and doors for water leaks.
- o Operate the door and latch system to verify its operation.

Running Gear (Towable)

- o Type and number of axles.
- o Inspect the frame, axles, springs, rims and other components for rust, oil stains and visible damage.
- o Document the information on the tires as to their age and weight capacities.

Hitch System/Hook Up

- o Inspect and identify the type of system used to tow vehicle.

Leveling System

- o Operate by extending and retracting system.

Weight Labels and Data Plates

- o Identify and document the Vehicle Identification Number (VIN).
- o Document the License plate info.
- o List the Inspection sticker information – if applicable.
- o List the RVIA inspection seal number.
- o List the Gross Vehicle Weight Rating.
- o List date of manufacturer.

