

# Points of Inspection for Towable RV

We at **Beckman RV Services, LLC** appreciate your business and look forward to providing you the most advanced RV inspection available in today's RV market.

The Inspection Report will consist of 100+ photos, plus 360 degree photos describing the items that have been identified during the detailed **Towable Inspection**. Please allow up to 8 hours for thorough Inspection. Please ensure RV is in an area for safe operation of antennae, awnings and slideouts. If inadequate clearance, these cannot be Inspected.



## Life Safety Items

- Perform and document LP gas timed leak test at cooktop burner spud for 5 minutes at 8 inches of water column gas pressure
- Test the Ground Fault Circuit Interrupter (GFCI) circuits in the 6 foot range of the water areas of the bathroom, kitchen and exterior receptacles
- Test all wall receptacles for correct polarity and ground fault
- Test the exterior skin for hot skin that could cause electrical shock
- Emergency Exit Windows - Verify all safety windows are operational
- Fire Extinguisher - Verify unit is secure in bracket and dial indicates extinguisher is fully charged
- Smoke/Fire Detector - Test and verify operation of unit and document expiration date of detector
- Carbon Monoxide Detector (if applicable) - Test and verify operation of unit and document expiration date of detector
- LP Gas Detector - Verify gas detection and audio alarm. Document expiration date of detector

## Roof

- Inspect and rate the overall roof condition
- Identify the Roof material type
- Evaluate the condition of the various sealant and joints around the roofing components
- Rate the condition of the roof vents, air conditioners, solar panels and all components that are mounted on the roof
- Identify areas of concern and potential water intrusion points

## Sidewall and End Caps

- Inspect and identify the material type of the front and rear caps
- Evaluate the aging and general overall condition of the front and rear caps
- Inspect and evaluate the appearance and functional condition of the end caps, sidewalls, entrance doors, windows and cargo access doors
- Inspect and evaluate any damage, discoloration and delamination of the side wall and end cap components

## Slideout Rooms

- Identify the types of slideout room drive systems
- Identify the type of roof material for the slideout room
- Inspect and rate the roof condition
- Inspect and evaluate the condition of the seals, sweeps and gaskets for possible damage
- Evaluate the attached wiring and utility harness that feed underneath the slideout room

**Awnings and Slideout Toppers – with adequate clearance**

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- Inspect and identify the operational type (manual vs electric) of the awnings, slideout toppers and window awnings
- Operate and rate condition of the awning frames and latching mechanisms
- Evaluate and rate the condition of fabric material of the awnings

### **Chassis Turn Signal and Running Lights (12 volt DC)**

- Inspect the condition of the 7 pin connector cord
- Operate and evaluate the emergency break away switch
- Activate and evaluate the operation of the DOT lights mounted on the RV

### **120 Volt AC Electrical System (house type power)**

- Inspect and rate the condition of the power cord and its connection ends
- Identify any damage or repair to the power cord
- Remove cover panel of 120 volt circuit breaker box to visually inspect the condition of the wiring, circuit breakers and grounding connections
- List any heat discoloration to the wiring and connections
- Test and verify the output operation of the 120 VAC to 12 VDC converter for charging of the deep cycle batteries

### **Generator - if installed**

- Perform Oil Analysis to determine internal combustion engine component condition.
- Identify and note the model, serial number and run hours of the generator
- Check oil level
- Start, operate and test the onboard generator
- Test the voltage output and frequency (60 cycles)
- Put generator under a load to verify operation (typically operating 1 air conditioner will create the correct amount of load)
- Visually inspect coolant reservoir, radiator and hoses

### **Inverter - if installed & accessible**

- Identify and note the model and serial number of the inverter
- Visually inspect the wiring and electrical connections and fuses/circuit breakers
- Place electrical load on inverter to verify proper operation

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

- Locate and note the location of the battery stack
- Evaluate the condition, age and matched sizing of the battery stack
- Evaluate and determine if positive and negative cables are correctly matched for balanced load
- Access and visually inspect the wiring, fuse panel and fuses of the 12 volt DC electrical system
- Evaluate the operation of the fresh water/waste water monitor panel for incorrect tank readings

### **Fresh Water System - if fresh water hookups available**

- Verify the fresh water connections for the city water hookup are operational
- Test and verify proper filling of the fresh water tank

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- Verify the onboard fresh water tank and pressure pump system will operate and maintain pressure
- Operationally test all fresh water fixtures inside and outside of the RV
- Visually inspect the water filtration system (if installed) for leaks and filter replacement

### **Waste Water Systems - (Gray and Black Water) - (if sewer hookups available)**

- Operationally test and inspect both waste (gray and black) plumbing systems for leaks under the sinks, shower, around the toilet and discharge lines
- Identify the type of drain valve controls
- Verify the drain valves for both systems will maintain water in their tanks
- Operate both drain valves and test for ease of operation
- Verify the drain cap is in place and will hold waste water

### **LP Gas System**

- Visually inspect all hoses and pressure regulators for damage and age deterioration
- Verify plastic cover has been installed over regulator
- On split tank system verify the red colored single stage regulator is installed

### **DOT Cylinders - if equipped**

- Document the manufacture date of DOT cylinders
- List the tank sizes that have been installed
- Conduct visual inspection of exterior of cylinder for rust and other damage

### **Refrigerator**

- Identify the brand, model and type of refrigerator
- Operate on all heat sources - 120 volt AC, LP gas (*if propane available*) and for 3 way refrigerators, 12 volt DC
- Collect serial and model number and verify with manufacturer if recall notice has been issued and completed for this unit
- Visually verify if baffle system on back of refrigerator area is correct and directing heat away from gas coils
- Test for interior temperature of upper and lower refrigerator compartments and ice maker (if installed)  
\*if refrigerator has been operating for minimum of 12 hours
- Check condition of door frame, shelving, crisper drawers, door shelves and interior light
- Evaluate and rate the door gasket seals of freezer and refrigerator box areas

### **Water Heater**

- Identify the brand, model and type of water heater
- Verify the rubber grommet is properly sealed around LP gas line of water heater
- Visually inspect burner assembly and gas exhaust system for blockages and insect infestation
- Fill tank with water (if necessary) and verify operation on all heat sources - LP gas (*if available*) and 120 volt AC if equipped with heating element
- If installed, operate and verify positioning of bypass valves on back of water heater
- Determine if proper drain plug has been installed in water heater tank
- If installed, inspect and evaluate if the correct type of dauber screen is being used

### **Furnace**

- If accessible, identify the brand, model and type of furnace(s) that have been installed
- Identify the type of thermostat controls being used to operate furnace(s)
- Visually inspect air intake and exhaust assemblies for blockages and insect infestation
- Operate and verify warm air discharge out of vents and proper return air flow to unit

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- Monitor for unusual noise or vibration of blower motor
- If installed, inspect and evaluate if the correct type of dauber screen is being used

### **Cooktop/ Stove**

- Evaluate and rate the condition of the cooktop or stove
- List presence and condition of stop top covers
- Verify the ignition and operation of all top burners and the oven flame (if equipped)
- Inspect and rate the condition of the metal grill top and rubber grommets of top burner area
- Evaluate the presence of the control knobs, door handles and oven racks of the unit

### **Air Conditioner(s)**

- Identify and list the type of cooling unit/heat pump
- Perform cooling efficiency test (Delta T) on each unit
- Visually inspect the plenum box and ductwork sealing
- Inspect the air filter, cooling and the heat exhaust coils for debris and cleanliness

### **Washer/ Dryer – if installed**

- Visually inspect and verify a wash and rinse cycle of the washer and dryer
- Visually inspect for leaks or damaged hoses
- Evaluate and rate the exterior condition of the dryer exhaust vent

### **Microwave/Convection Oven**

- Verify the rack and turn tables are installed
- Operate unit for 60 seconds utilizing cup of water and then list water temperature

### **Dishwasher - if installed**

- Identify and list the brand and model of unit
- Verify operation of unit and inspect for leaks and non- functioning rotating racks and wash bars.

### **In House Vacuum System - if installed**

- Identify and list the brand and model of unit
- Verify the operation and visually inspect the various components of the hose assembly, access doors and dirt bag

### **Electric Fireplace - if installed**

- Operate and verify the various heat settings, fan speed levels and the back lighting

### **Cooktop Exhaust Fan**

- Operate and verify condition of the exhaust function and fan speeds
- Visually inspect the filter and lighting
- Evaluate and rate the exterior condition of the exhaust vent

### **Ceiling Mounted Fans and Ceiling Exhaust Vents**

- Visually inspect the condition of the blades and motor
- Operate and verify condition of the blade direction and fan speeds
- Verify lighting if equipped

### **Interior Conditions and Appearance**

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- Visually inspect all ceilings, walls, interior doors and flooring for signs of water intrusion, surface damage and/or staining
- Operate all windows and doors noting any deficiencies or missing components
- Evaluate the window coverings
- Operate all interior, exterior and decor lighting - 12 volt and 120 volt

### Cabinets and Closet Condition

- Inspect and evaluate all cabinet doors, drawers and pull out operation
- Visually inspect all counter tops and flat surface areas of the kitchen, living room, bathroom, bedroom and storage areas for scratches and damage
- Identify and list all broken and loose cabinet and closet hardware
- Note if appearance of previous damage repairs has been performed

### Furniture

- Visually inspect the condition of the dinette table/booth, chairs, recliners and sofa
- Inspect and note furniture fabric tears, discoloration and signs of excessive wear
- Visually inspect and note signs of mattress damage or staining

### Entertainment System

- Visually inspect and operate all TV and stereo equipment
- Verify DVD/disc players and radios are operational
- Verify local channels antenna
- Raise and lower roof mounted antenna if equipped – *if clearance allows*
- Verify remotes are operational

### Shower/Tub Enclosure

- Visually inspect the glass panels, curtains and soap dish areas
- Evaluate and rate the seals around the frame work and doors for water leaks
- Operate the door and latch system to verify its operation
- Inspect and evaluate the stains and chemical/mineral build up

### Running Gear

- Type and number of axles
- Inspect the frame, axles, springs, rims and other components for rust, oil stains and visible damage
- Document the information on the tires as to their age and weight capacities
- Check tire pressure
- Inspect and rate tire tread condition
- Note any valve extensions and pressure monitors

### Hitch System/Hook Up

- Inspect and identify the type of system used to tow vehicle
- Evaluate and list modifications to the hitch system

### Leveling System

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- Identify and note the brand and type of system
- Verify the system operates by extending and retracting leveling system
- Note visual indications of hydraulic leaks or mechanic issues

### **Weight Labels and Data Plates**

- Identify and document the Vehicle Identification Number (VIN)
- Document the license plate info
- List the inspection sticker information - if applicable
- List the RVIA inspection seal number
- List the Gross Vehicle Weight Rating
- List date of manufacture