

## KNOW THE RV

### Inspection Points - Motorhomes

Roof	Essential	KTRV	KTRV Plus
Inspect and rate the overall roof condition	*	*	*
Rate vents, air conditioners, antenna and other roof components	*	*	*
Evaluate sealant and joints around the roofing components		*	*
Type of roof material and sealants that have been applied to the roof			*
Identify areas of concern and potential water intrusion points			*
<b>Sidewall and End Caps</b>			
Condition of end caps, sidewalls, entrance doors, windows and cargo access doors	*	*	*
Damage, discoloration and delamination of the side wall and end cap components		*	*
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			*
<b>Slideout Rooms</b>			
Inspect and rate the roof condition	*	*	*
Inspect and evaluate the condition seals, sweeps and gaskets	*	*	*
Evaluate the attached wiring and utility harness under slideout room		*	*
Identify the types of slideout room drive systems			*
Identify the type of roof material for the slideout room			*
<b>Awnings and Slideout Toppers</b>			
Operate and rate condition of the awning frames and latching mechanisms	*	*	*
Evaluate and rate the condition of fabric material of the awnings		*	*
Inspect and identify the type of awnings, slideout toppers and window awnings			*
Measure and document the fabric size of the awnings			*
<b>Chassis Turn Signal and Running Lights (12 volt DC)</b>			
Activate and evaluate the operation of the DOT lights	*	*	*
Inspect the chassis battery compartment, electrical connections and batteries	*	*	*
Inspect the condition of the 7 pin connector receptacle			*
<b>120 Volt AC Electrical System (house type power)</b>			
Inspect and rate condition of the power cord and its connection ends	*	*	*
Inspect the condition of wiring, circuit breakers and grounding connections in panel	*	*	*
Test and verify operation of the 120 VAC to 12 VDC converter	*	*	*
Identify any damage or repair of the power cord			*
List any heat discoloration to the wiring and connections			*
Verify the separation of all the wiring types			*
<b>Generator - Engine -if installed</b>			
Identify model, serial number and run hours of the generator	*	*	*
Check oil level	*	*	*

Start and operate the onboard generator	*	*	*
Test the voltage output and frequency (60 cycles)			*
Put generator under a load to verify operation			*

#### **Generator - Radiator - if installed**

Visually inspect the coolant reservoir, radiator and hoses	*	*	*
Location of the radiator and cooling fans			*

#### **Inverter -if installed**

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 the inverter to verify proper operation			*

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

Evaluate the condition, age and matched sizing of the battery stack	*	*	*
Inspect the wiring, fuse panel and fuses of the 12 volt DC electrical system	*	*	*
Locate and note the location of the battery stack		*	*
Evaluate operation of the fresh water/waste water monitor panel		*	*
Determine if positive and negative cables are correctly matched for balanced load			*

#### **Fresh Water System**

Verify fresh water connections for city water hookup are operational	*	*	*
Verify onboard fresh water tank and pressure pump system will operate	*	*	*
Operationally test all fresh water fixtures inside and outside of the RV		*	*
Test and verify proper filling of the fresh water tank			*
Inspect water filtration system (if installed) for leaks and filter placement			*

#### **Waste Water Systems – (Gray and Black Water)**

Test/Inspect both waste (gray and black) plumbing systems for leaks	*	*	*
Operate both drain valves and test for ease of operation	*	*	*
Verify the drain cap is in place and will hold waste water	*	*	*
Verify the drain valves for both systems will maintain water in their tanks			*
Identify the type drain valve controls			*

#### **Life Safety Items**

Perform and document LP gas timed leak test at cooktop burner	*	*	*
Test the GFCI circuits in 6 foot range of water areas	*	*	*
Test all wall receptacles for correct polarity and ground fault	*	*	*
Test the exterior skin for hot skin that would cause electrical shock	*	*	*
Emergency Exit Windows – Verify all safety windows are operational	*	*	*
Fire Extinguisher – Verify unit is secure and extinguisher shows fully charged	*	*	*
Smoke/Fire Detector –Test operation of unit and document expiration date	*	*	*
Carbon Monoxide Detector - Test operation of unit and document expiration date	*	*	*
LP Gas Detector – Verify it works correctly and document expiration date	*	*	*
Verify the rubber grommet is properly sealed around LP gas line of water heater	*	*	*

### LP Gas System

Inspect all hoses and pressure regulators for damage and age deterioration	*	*	*
Verify the plastic cover has been installed over the regulator	*	*	*

### ASME tank - if equipped

Conduct a visual inspection of tank for rust or damage	*	*	*
Document the manufacture date of the ASME tank if accessible		*	*
List the gallon capacity of the tank		*	*
List the location of the tank			*

### Refrigerator

Identify the brand, model and type of refrigerator	*	*	*
Operate on all heat sources	*	*	*
Collect serial/model number, verify any recall notices	*	*	*
Test for interior temperature of upper, lower refrigerator compartments and ice maker		*	*
Verify if baffle system is correct and directing heat away from gas coils			*
Note the location of the vent panels used by refrigerator			*
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 - if equipped

Identify the brand, model and type of water heater	*	*	*
Fill tank with water verify operation on all heat sources	*	*	*
Visually inspect burner assembly and gas exhaust system for blockages		*	*
Operate and verify positioning of bypass valves on back of water heater			*
Determine if proper drain plug has been installed in water heater tank			*
Inspect and evaluate if the correct type of dauber screen is being used			*

### Furnace - if equipped

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

Verify ignition and operation of all top burners and the oven flame	*	*	*
Evaluate and rate the condition of the cooktop or stove		*	*
Inspect and rate the condition of metal grill top and rubber grommets of top burner		*	*
Evaluate the presence of control knobs, door handles and oven racks			*

### Air Conditioner(s)

Perform cooling efficiency test (Delta T) on each unit	*	*	*
Identify and list the type of cooling unit/heat pump	*	*	*

Visually inspect the plenum box and ductwork sealing			*
Inspect air filter, cooling and heat exhaust coils for debris and cleanliness			*

### Washer/ Dryer

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

### Microwave/Convection Oven

Identify and list the brand, model, type and output wattage of the unit	*	*	*
Operate for 60 seconds utilizing cup of water and list water temperature		*	*
Verify the rack and turn tables are installed			*

### Dishwasher - if installed

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

### In House Vacuum System -if installed

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

### Electric Fireplace -if installed

Operate and verify various heat settings, fan speed levels, and back lighting	*	*	*
Identify and list the brand and model of unit		*	*

### Cooktop Exhaust Fan

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

### Ceiling Mounted Fans and Ceiling Exhaust Vents

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

### Interior Conditions and Appearance

Inspect ceilings, walls, interior doors and flooring for signs of water intrusion or damage	*	*	*
Operate all interior, exterior and décor lighting - 12 volt and 120 volt	*	*	*
Operate all windows and doors noting any deficiencies or missing components		*	*
Evaluate the window coverings			*

### Cabinets and Closet Condition

Inspect and evaluate all cabinet doors, drawers and pull out operation	*	*	*
Inspect counter tops and flat surface for scratches and damage		*	*
Identify and list all broken and loose cabinet and closet hardware			*
Note if appearance of previous damage repairs have been performed			*

## Furniture

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

## Entertainment System

Visually inspect and operate all TV and stereo equipment	*	*	*
Verify DVD/disc players and radios are operational	*	*	*
Raise and lower roof mounted antenna if equipped		*	*
Verify local channels antenna and 12 volt DC power signal booster works			*
Verify remotes are operational			*

## Shower/Tub Enclosure

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

## Chassis and Undercarriage

Visually inspect for rust, damage and excessive oil on underside of motor home	*	*	*
--	---	---	---

## Steering

Visually inspect for bent or damaged components and hydraulic leaks	*	*	*
---	---	---	---

## Leveling System

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

## Engine

Make and model of the engine	*	*	*
Verify oil level on the dipstick	*	*	*
Note indications of engine issues or any noises while running	*	*	*
Note the oil pressure reading on the dash gauges		*	*
Note if there are noticeable oil or exhaust leaks			*

## Radiator

Visually inspect the coolant reservoir, radiator and hoses	*	*	*
Location of the radiator and cooling fans		*	*

## Transmission

Check fluid level on dipstick	*	*	*
Note indications of contaminated transmission fluid	*	*	*
Note type of transmission			*

## Running Gear (Motor Home)

Type and number of axles	*	*	*
--------------------------	---	---	---

Inspect frame, axles, springs, and rims for rust, oil stains, or visible damage	*	*	*
Document the information on the tires as to their age and weight capacities	*	*	*
Check tire pressure		*	*
Weight ratings for each axle set			*
Inspect and rate tire tread condition			*
Note any valve extensions and pressure monitors			*

### Hitch System/Hook Up

Inspect and identify type of system used to tow vehicles	*	*	*
Evaluate and list modifications to hitch system			*

### Weight Labels and Data Plates

Identify and document the Vehicle Identification Number (VIN)	*	*	*
Locate and document Vehicle Frame Number	*	*	*
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	*	*	*