

## RECREATIONAL VEHICLE SERVICE TECHNICIAN TOOL LIST

The following is a list of individual tools and equipment that a RV Service Technician may need to perform his/her job and should be able to use. Some jobs will require special tools. Special tools for certain jobs will be supplied by RVTC to discuss and use during the course at the appropriate times. Bring what you have that is on this list. If you don't have it, or don't know what it is, don't worry as we will cover tools the first week of the course and will go over the list. You can then decide whether you want or need them. We have numerous suppliers and our instructor will be glad to help you choose. Please don't bring roll around tool boxes (no storage).

### Tool Boxes

1 or 2 Heavy duty large plastic or metal carry toolboxes

### 1/4" Drive Socket Set

Fractional and metric w/box, ratchet, extensions, etc. – 6 point socket preferable

### 3/8" Drive Socket Set

Fractional and metric w/box, ratchet, extensions, short and deep 6 point sockets preferable  
5/8" and 13/16" spark plug sockets, etc.

### 1/2" Drive Socket Set

Fractional and metric w/box, ratchet, extensions, etc. – 6 point sockets preferable

### Torque Wrenches

1/4" Drive or 3/8" Drive inch-pound torque wrench  
1/2" Drive 250 foot-pound torque wrench w/micrometer scale and long handle

### Combination Wrench Set (12 point box/medium length – fractional and metric)

1/4" to 3/4" (fractional) \*  
8mm to 19mm (metric) \*

\* Size range is approximate as some sets vary in sockets included.

### Tubing Wrench Set

- 1) 3/8" x 7/16"
- 2) 1/2" x 9/16"
- 3) 5/8" x 11/16"

(If purchasing wrenches separately, only #1 & #2 are necessary)

(Note: Sometimes tool sets can be purchased for less money than buying individually.)

### SCREWDRIVERS

Flat Tip Screw Driver Set

Phillips Screw Driver Set

Above sets should include shorties

Cordless Screwdriver/Drill

Recommend: Assorted Tips Kit (includes: Flat tips, Torx tips, Phillips tips, Reed & Prince tips (drywall), Robertson tips (square), Allen Wrench tips, Clutch Head tips, 1/4" Drive Adapter & Drive handle)

### WRENCHES

Adjustable Wrenches (8", 10", or 12")

Allen Wrench Sets - Fractional and Metric (Long

Handled Wrenches needed in 1/8", 1/4" and 5/16" sizes)

### HAMMER

Claw Hammer, 16 oz.

Rubber Mallet or Dead Blow Hammer

Ball-Peen Hammer (8-10 oz.)

Brass Tipped Hammer (or Solid Brass Hammer)

### PLIERS

Vise Grip Locking Pliers (Curved Jaw and Needle Nose) 6" and 10"

Slip Join Pliers

Diagonal Cutters

Needle Nose Pliers

Reversible I.D./O.D. Snapping Pliers

Wire Stripper/Crimping Tool

Linesman Pliers

### BATTERIES

Battery Terminal Spreader/Reamer

Battery Terminal Puller

Battery Post and Terminal Cleaner (Wire Brush)

Hydrometer (Self Compensating)

### SAWS

Key Hole Saw

Hack Saw with Assorted Blades

## TAPES

Electrical Teflon  
Masking (Paper) Tape  
White Teflon Tape (for Water, Oil, Etc.)  
Yellow Teflon (for LPG)

## ELECTRICAL

Flashlight  
120 VAC Circuit Monitor (Polarity/GFCI)  
12 VDC Test Light (heavy duty)  
6-12 VDC Ignitor Spark Tester  
Dinosaur IMT-12P Board Tester  
Dinosaur P-711 Exerciser  
Dinosaur Norcold Exerciser  
Flat 4 Trailer Plug Tester  
7-Wire Emulator (Trailer Plug Tester)  
● Multi-Meter – Parameters: AC/DC Volts,  
Resistance/Continuity (Ohms), Capacitance (0-  
300MFD),  
Hertz/Cycles (0-100 Hz.), Temp (-50 °F to +600 °F).  
Other Preferred Features – RMS Meter (Or Close),  
Auto Ranging and Auto Shutoff, Min. of 10 AMP  
Range Scale)  
3/8" Rev. Electric Drill  
Elec. – Small Assorted Box w/Electrical Crimp  
Connectors for 10, 12, 14 GA Wire  
Small Assortment Files (4-5), Flat, Curved, Round

## LP Gas

● Manometer (electronic, water tube, or mechanical  
gauge)  
3 Brass LP Line Tubing Nut Plugs (1/4" – 3/8" – 1/2")  
L.P. System Leak Down tester  
● LP/ Refrigerant Leak Detector (electronic)  
Leather Work Gloves  
Brass 1/8" NPT Plug

## MISCELLANEOUS

Pry Bar  
Utility Knife  
Tape Measure 1" x 25' (or 3/4" x 12')  
Ballpoint Pen  
Combination Square  
File Assortment  
Aviation Tin Snip Set (L.H. & R.H.)  
Hand Wire Brush (Scratch)  
Truck Tire Pressure Gauge  
Flaring Tool Kit (Includes Dbl. Flare Adapters and  
Tubing Cutter)  
Putty Knife/Scraper – 1 1/4" to 1 1/2" Wide (Stiff Blade)  
Small Drift Punch Set  
Large Brass Drift Punch (Brake Bearings)  
Drill Index with Twist Drills (asst. up to 1/2")

## MISCELLANEOUS (Cont'd)

Spark Plug Ramp Gauge  
Flat Feeler Gauge Set  
Prick Punch  
Scissors  
Safety Glasses  
Mechanics Magnet  
Mechanics Mirror  
Water System Leakdown Tester  
Ignition Feeler Gauge Set  
ATC Breaker Circuit Testers  
AGM Breaker Circuits Testers  
Cold Chisel (6")  
Schraeder Valve Service Tool  
3' 14 Ga. Wire Jumpers w/Fuse and Alligator Clips (1  
Red, 1 Black)  
Machinist Scribe/Pick  
Numbered Wire Markers  
Pkg. Asst. Wire Ties

## CHEMICALS

Penetrating Oil (Aerosol) – "P.B. Blaster" brand  
recommended  
Electronic Cleaner (Aerosol) "LPS" brand recommended  
Battery Terminal Cleaner (Aerosol) – any brand  
Battery Terminal Protector (Aerosol) – any brand (color  
recommended)  
Silicone Spray (Aerosol) – any brand  
RTV High Temp. Sealant (Tube) – any brand  
Liquid Electrical Tape (can w/applicator) – any brand

## **● TOOLS REQUIRED FOR CERTIFICATION**