

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.

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", 12")
Allen Wrench Sets - Fractional and Metric (Long Handled Wrenches)

HAMMER

Dead Blow Hammer
Ball-Peen Hammer (8-10 oz.)

PLIERS

Vise Grip Locking Pliers (Curved Jaw and Needle Nose) 6" and 10"
Slip Join Pliers
Diagonal Cutters
Needle Nose Pliers
Wire Stripper/Crimping Tool
Linesman Pliers

BATTERIES

Battery Post and Terminal Cleaner (Wire Brush – Reamer types)
Hydrometer (Self Compensating)

SAWS

Hack Saw with Assorted Blades

TAPES

Electrical Teflon

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

7-Wire Emulator (Trailer Plug Tester) (Also tests 4-way)

- 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)

Elec. – Small Assorted Box w/Electrical Crimp

Connectors for 10, 12, 14 GA Wire

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 (Homemade \$25)

- LP/ Refrigerant Leak Detector (electronic)

MISCELLANEOUS

Utility Knife

Tape Measure 1" x 25' (or 3/4" x 12')

Aviation Tin Snip Set (L.H. & R.H.)

Hand Wire Brush (Scratch)

Flaring Tool Kit (Includes Dbl. Flare Adapters and Tubing Cutter)

Putty Knife/Scraper – 1 1/4" to 1 1/2" Wide (Stiff Blade)

Drill Index with Twist Drills (asst. up to 1/2")

MISCELLANEOUS (Cont'd)

Spark Plug Ramp Gauge

Flat Feeler Gauge Set

Safety Glasses

Mechanics Magnet

Mechanics Mirror

Water System Leakdown Tester (Homemade \$15)

Ignition Feeler Gauge Set

Schraeder Valve Service Tool

3' 14 Ga. Wire Jumpers w/Fuse and Alligator Clips (1 Red, 1 Black)

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