

## Bob's Recommended Tools On-board

The following is a list of tools which I would recommend having on the cruising boat:

1. Plastic or fiber glass tool box with a removable tray for tools often used.
2. Wrench Set, open end/box combination (5/16" - 1"). In a sleeve with pockets for each.
3. Socket set, Sears makes a 1/4" - 3/8" Drive set in plastic case w/ both metric & inch sizes.
4. Socket set, 1/2" Drive w/ Ratchet & breaker bar.
5. Screw driver set, Buy a good one! Both straight & Philips.
6. Wiring set, Crimper, Stripper & mix of terminal ends & tie wraps.
7. Channel lock plier set, usually a set of three.
8. Crescent Wrench set, Buy a set of three - Buy a set of good ones.
9. Plier set, Sears makes a set of three - Round nose, Dykes & Standard pliers
10. Chain pliers, Made by Vise Grip. A must.
11. Hammer, medium size machinist's would be best.
12. Rubber Mallet or soft hammer.
13. Pipe Wrench.
14. Battery operated electric drill. 3/8" Makita is great with drill bit set & screw driver/sockets.
15. Drop light. Plastic cover only, fluorescent is nice, but a 12volt screw bulb on recoil is best.
16. 13mm Open box combination wrench. This is for bleeding the S-series, mount in engine room
17. 13mm Deep Socket, 3/8" drive. For adjusting idle speed and battery cable to starter conn.
18. 10" Extension, 3/8" drive.
19. Feeler gage set. For shaft alignment & valve adjustment.
20. Small tube Permatex #2 thread sealer.
21. Small tube Permatex Teflon thread sealer. Better than Teflon tape.
22. Rustolem Regal Red touch up paint.
23. Oil filter wrench.
24. Small funnel & medium funnel.
25. Par Oil Change Pump. Cheap hand type is good enough w/oil drain hose on pan.
26. Chisel and Punch set. Sears has a great set in plastic pocket holder.
27. Electrical tester, (Volts & Resistance) Micronda from Radio Shack is a good one.
28. Wrecking Bar. Good old fashioned long one to lift & pry with.
29. Hack Saw, and a blade on a handle saw with spare hack saw blades.
30. Allen Wrench Set, Sears inch size set in a plastic bag is best.
31. Awl
32. Torque Wrench, simple type for torques up to 150 ft/lb.

THIS IS JUST A START !