



## **MARINE TECHNICAL SPECIALIST ESMTA PRE-APPRENTICE PROGRAM STUDENT TOOL LIST**

**Note:** The apprentice is responsible to purchase or supply the following special tools. In certain cases, equivalent tools are acceptable. Check with the Instructor for approval. (Note: Prices are approximate). Additional tools based upon the recommendation of the mentor may be required.

**Generic Tool Kit:** Sears Craftsman Mechanics Tool set Approximately 283 pieces including tool chest Model 35283 Cost \$249.00  
The student may also substitute tools from Snap-on or Mac Tools. Cost will vary.

### **SPECIAL TOOLS REQUIRED FOR ENGINE TECHNOLOGY**

In addition to a complete set of generic hand tools, the following special tools are required for the technician to adequately perform the tasks assigned. The apprentice is responsible for the entire cost of these tools.

Spark Checker, CDI Electronics or equivalent, part number, 5119766, \$70  
Compression Tester, Sears Craftsman or equivalent, part number, 0947089, \$50  
Spark Plug Tool, CDI Electronics or equivalent, part number, 5519765, \$36  
Optical Pyrometer, Sears Craftsman P/N 35450466, \$80

### **SPECIAL TOOLS REQUIRED FOR BASIC MARINE WIRING and INSTALLATIONS**

In addition to a complete set of generic hand tools, the following special tools are required for the technician to adequately perform the tasks assigned. The student is responsible for the entire cost of these tools.

Digital Multi-meter, Fluke 112, part number, 3481380, Sears Corp. \$160  
Crimping tool, Sears Craftsman, part number, 73647, \$8  
12V Test light, Sears Craftsman, part number, 21013, \$20  
Power Probe III, Power Probe Brea CA, available on line, \$100  
Drill Bit set, Sears Craftsman, part number, 0964083, \$60  
Battery Drill Set, Sears Craftsman, part number, 0911537, \$70  
Hole saw set, Sears Craftsman, part number, 0964091, \$75

### **SPECIAL TOOLS REQUIRED FOR FUEL AND IGNITION SYSTEMS**

In addition to a complete set of generic hand tools, the following special tools are required for the technician to adequately perform the tasks assigned. The apprentice is responsible for the entire cost of these tools.

Timing light, Sears Craftsman, part number, 0921023, \$69  
Start Switch, Snap On Tools, part number, MT302A, \$84  
Amprobe, Sears Craftsman, part number, 3473756, \$100

### **SPECIAL TOOLS REQUIRED FOR DRIVE SYSTEMS**

In addition to a complete set of generic hand tools, the following special tools are required for the technician to adequately perform the tasks assigned. The apprentice is responsible for the entire cost of these tools.

Pressure and vacuum tester, Mighty Vac, part number, 04050, \$110  
Torque Wrench, Sears Craftsman, part number, 0944621, \$ 200

### **VENDOR LIST**

Sears Craftsman Available at all Sears locations on Long Island, Lowes, and on line.

CDI Electronics  
Commerce Circle, Madison Alabama, 35758  
1-866-CDI-Tech  
(1-866-423-4832)  
Or purchase thru local distributors:

Kellogg Marine Supply  
5 Enterprise Drive  
Old Lyme, Ct 06371  
1-800-943-2303

Or

DenMac  
Wholesale Marine Supplies  
8 Ranick Drive West  
Amityville NY 11701  
631-842-8967

Power Probe, 255 Viking Avenue, Brea CA, 92821, 1-800-655-3585

Snap On Tools, Local vendor or on line  
Mac Tools, Local vendor or on line

Mityvac, Prism Enterprises, Inc, PO Box 680728, San Antonio TX 78268  
[WWW.mityvac.com](http://WWW.mityvac.com), 1-800-648-9822