



One College Drive  
Calais, ME 04619  
1-800-210-6932 (In Maine) 207-454-1000  
[www.wccc.me.edu](http://www.wccc.me.edu)

### **Engine Specialist Tool List**

The tools listed below must be of top quality, but do not have to be a particular brand or new. Students accepted in the Engine Specialist program at Washington County Community College are expected to have certain tools prior to starting school. While you are expected to bring your tools during the first week of school, we have tool vendors that will be on campus the first or second week of classes that offer substantial discounts to WCCC students. If your set is incomplete or you would like to take advantage of the discounts, make sure you have money available to order and purchase at that time. Drafting supplies and books can be purchased through WCCC's Bookstore here at the College.

#### **REQUIRED:**

- Steel tool box (lockable), bench top with a minimum of four sliding drawers or a roll-around bottom cabinet of similar design. Tool box(s) must have your name engraved or a name plate installed on it. Tools must be engraved.
- Adjustable wrench 12"
- Hex wrench set – standard and metric (socket type preferred)
- Torx bit socket set sizes T-8 through T-60
- 3/8" drive socket set including:
  - Standard and Metric 6-point sockets and 12-point sockets
  - Shallow and deep-Standard sizes 5/16" to 7/8"
  - Metric sizes 9mm – 19, 21, 22mm
- 3 extensions – 3", 6" and 12"
- 1 regular ratchet
- 1 flex head ratchet
- Flex sockets – standard sizes 3/8" – 3/4" (metric sizes 10mm – 19mm also recommended)
- Spark plug sockets – 5/8" and 13/16"
- 1/2" drive socket set including:
  - 7/16" – 1 1/4" sockets (prefer 6 point)
  - 2 extensions – 6" and 12"
  - 1 ratchet
  - 1 flex bar (minimum 18")
- Combination wrench sets: Standard sizes 1/3" – 1 1/4"
  - Metric sizes 7mm – 24mm

- Flare nut wrench set (tubing wrenches):  
3/8" through 7/8" (metric 10mm through 17mm also recommended)
- Screwdriver set including:  
Blade type – stubby, 6" 9" and 12" also offset  
Phillips type – stubby, 6" #1 and #2, 12" #3 also offset #2
- Ball peen hammers – 16 oz., 32 oz. and 48 oz. mallets
- Plastic tipped hammer with replaceable tips
- Dead blow hammer- 2 lb. ( 3 lb. preferred)
- Hacksaw and spare blades
- Pair slip joint pliers 8"
- Pair diagonal cutters
- Pair channel lock pliers – 15" or longer
- Pair needle nose pliers 8"
- Vise grips 5" and 10" (Vise Grip brand preferred)
- Pry bars – rolling head and straight (not carpenter type)
- Feeler gauge set – go-no-go type
- Spark plug feeler gauge – wire-type gap tool
- 12-volt test light
- Punch and cold chisel set including aligning and pin punches with punch/chisel handle
- Drill bit set – 1/16" through 1/2"
- OSHA & UL approved 3-prong grounded  
25' drop light  
25' #16 gauge or heavier extension cord
- Flashlight
- Oil squirt can (bench size)
- Permanent ink marker/paint pen (white or yellow)
- 12' steel measuring tape (standard and metric preferred)
- 6" machinist ruler
- 0/6"/0-125mm Vernier Caliper (any style – dial or digital)
- Gasket scraper
- Folding razor blade scraper with spare blades
- Pocket knife with locking blades
- Mill file/bastard cut 10" or larger
- Telescoping: inspection mirror and a magnetic pick-up tool
- Claw-type pick-up tool
- Wire brush
- Leather work boots (steel-toed optional)  
Must be leather work boots – **NO** sneaker type
- OSHA approved safety glasses – **CLEAR** plastic lenses with side shields only.  
**NO** colored or reflective lenses
- Rebuildable Engine core with necessary parts for overhaul – preferably brought into the shop after Thanksgiving break.

**Total Estimated Cost: \$1500**



## WCCC Tool Vendor List

(Listed in Alphabetical Order)

### **Fastenal**

Frederick Stone  
19 Boggy Brook Road  
Ellsworth, ME 04605  
207. 667.9069  
Fstone@fastenal.com

### **Gearwrench Tools**

Glen Snyder  
NH Bragg & Sons  
92 Perry Road PO Box 927  
Bangor ME 04402-0927  
1.800.432.7950, Voice Mail 325  
207.944.3436 Cell  
[gsnyder@nhbragg.com](mailto:gsnyder@nhbragg.com)

### **Johnson's True Value Hardware**

100 North Street  
Calais ME 04619  
207.454.2551

### **Matco Tools**

[www.Matcotools.com](http://www.Matcotools.com)  
Votech Program

### **Napa Auto Parts**

Hal Deacon  
Rier Auto Parts  
Main Street, Calais ME 04619  
207.454.2901

### **Snap-on Tools**

[www.snapon.com](http://www.snapon.com)  
Dave McCarthy, 128 Woodland Road,  
Sebago ME 04029  
207.787.2999  
207.653.4635 cell  
207.787.2999 fax  
[david.f.mccarthy@snapon.com](mailto:david.f.mccarthy@snapon.com)

**NOTE:** Tool vendor websites have vocational or votech registration sections that you register yourself as a student to receive discount pricing.