Auto Technicians Tool List

Walla Walla Community College does not endorse any one brand or manufacturer of tools.

**Socket Set - 1/4" Drive**
- 3/16" – 9/16" Standard Depth (6 Point)
- 3/16" – 9/16" Deep (6 Point)
- 5mm - 14mm Shallow (6 Point)
- 5mm - 14mm Deep (6 Point)
- Ratchet
- Extension - 3", 6"
- Flex/Universal Joint

**Socket Set - 3/8" Drive**
- 5/16" – 7/8" Standard Depth (6 Point)
- 3/8" – 7/8" Deep (6 Point)
- 8mm - 19mm Standard Depth (6 Point)
- 8mm - 19mm Deep (6 Point)
- Ratchet
- Extension - 3",6",12",18"
- Universal Joint
- Fractional Universal Impact Socket Set 3/8" – 7/8" (Rec mid-depth)
- Metric Universal Impact Socket Set 9mm - 19mm (Rec mid-depth)

**Socket Set - 1/2" Drive**
- 7/16" - 1 1/8" Standard Depth (6 Point)
- 7/16" - 1 1/8" Deep (6 Point)
- 10mm - 25mm Standard Depth (6 Point)
- 10mm - 25mm Deep (6 Point)
- Ratchet
- Breaker Bar
- Extension 3",6",12"

**Combination Wrenches**
- 1/4" – 1-1/4" Standard
- 7mm - 24mm Metric
**Tubing Wrenches**

- 3/8" - 3/4"
- 10mm - 18mm

**Hex (Allen) Wrenches**

- 050" - 3/8" Fractional
- 2 mm - 7mm Metric

**Screw Drivers**

Blade Type

- Stubby
- Pocket screwdriver
- 1/4" x 6"
- 1/4" x 9"
- 3/8" x 9"
- 3/8" x 16"
- Offset

Phillips

- #2 Stubby
- #1 Tip
- #2 Tip
- #3 Tip
- Offset

**Torx Bits Tamper Proof (Screwdriver or Sockets)**


**Pliers**

- Slip Joint 6"
- Needle Nose 6"
- Diagonal Cutter 7"
- Channel Locks 12" (water pump)
- Duck Bill Pliers 7 ¾” (ex. snap-on # 61ACP)
- Vise Grip Pliers 10" (10WR)
Snap/Retaining Ring Pliers
- Internal Retaining Ring Pliers
- External Retaining Ring Pliers
- Snap Ring Pliers (ex. Snap-On SRP2 style)

Files with Handles
- Flat 10" Mill Bastard
- Round 8" - 10"
- Three Cornered

Hammers
- 16oz Ball Peen
- 16oz Soft Faced Dead Blow
- Hand Drilling 3 to 4 lb.

Punch and Chisel Set
- Center Punch
- Pin Punch - 1/8", 3/16", 1/4", 5/16"
- Taper Punch 3/8", 1/2", 5/8"
- Brass Punch - 3/4"
- Cape Chisel - 5/16"
- Cold Chisel - 3/8" - 3/4"

Pry Bars
- Rolling Head 16"
- Straight 16"

Brake Service Tools
- Brake Spring Pliers
- Spring Hold Down Tool

Safety Equipment
- Safety Glasses
• Hearing Protectors (recommend ear muff type)

Electrical Tools
• Digital Multi meter (Rec Fluke 87,88 or 1587)
• Powerprobe Electric Circuit Tester
• Remote Starter Switch
• Insulation piercing test probes (ex EZ Hooks)
• Wire Stripper/Cutter Pliers 8” (ex Snap-On PWCCS8)
• Spark Tester – Ignition (rec adjustable gap)

Small Tools
• Pocket Knife
• "O" Ring Pick Set
• A/C, fuel line disconnect set
• Inspection Mirror
• Spark Plug Feeler Gauge (gap tool)
• Feeler gauge ( Blade Type)
• Flexible Pick Up Tool (magnetic and claw type)
• Tape Measure 12”
• Hack Saw
• Tubing Cutter
• Gasket/Carbon Scraper (putty knife)
• Air Blow Gun (Meeting OSHA requirements)

Tool Box
• Roll Away with Key Lock

Second Year Student Tool List

Special Tools
• Torque Wrench - 1/2" Drive (Snap-On Quality)
• Micrometer - 0-1" or dial caliper 0-6
• 3/8" Drive Air Ratchet
• 1/2" Drive Air Impact Gun
• Socket Set - 1/2" Drive Impact 1/2" - 1"
• Pry Bar Screwdriver style 30" or larger
- Hand Operated Vacuum Pump
- Compression Gauge
- Feeler Gauge (Go-No-Go, blade type)
- Door Panel Removal Tool

---

**Student List - Advanced Level**
- Scan Tool - See Instructor for requirements and recommendations