

(General Automotive) Required Tool List:

Socket Set - 1/4" Drive

- 1/4" - 1/2" Standard Depth (6 Point)
- 1/4" - 1/2" Deep (6 Point)
- 6mm - 12mm Shallow (6 Point)
- 6mm - 12mm Deep (6 Point)
- Ratchet
- Extension - 3", 6"
- Flex/Universal Joint

Socket Set - 3/8" Drive

- 5/16" - 3/4" Standard Depth (6 Point)
- 3/8" - 3/4" Deep (6 Point)
- 9mm - 19mm Standard Depth (6 Point)
- 9mm - 19mm Deep (6 Point)
- Ratchet
- Extension - 3", 6", 12", 18"
- Universal Joint
- Fractional Universal Impact Socket Set 3/8" - 3/4"
- Metric Universal Impact Socket Set 9mm - 19mm

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" 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
- 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)

T-8, T-10, T-20, T-25, T-27, T-30, T-40, T-50, T-55

Pliers

- Slip Joint 6"
- Needle Nose 6"
- Diagonal Cutter 7"
- Channel Locks 12" (water pump)
- Long Reach End Cutter (Channel Lock #748)
- Vise Grip Pliers 10" (10WR)

Snap/Retaining Ring Pliers

- Internal Retaining Ring Pliers
- External Retaining Ring Pliers
- Snap Ring Pliers (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
- Hold Down Tool

Safety Equipment

- Safety Glasses
- Hearing Protectors (ear muff type)

Electrical Tools

- Digital Multi meter
- 12 volt test light or LED circuit Tester
- Remote Starter Switch
- Insulation piercing test probes

Small Tools

- Flash Light
- Pocket Knife
- "O" Ring Pic
- 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 Wrench
- Socket Set - 1/2" Drive Impact 1/2" - 1"
- Crankshaft Pulley Puller
- Cylinder leakage tester
- Pry Bar Screwdriver style 30" or larger
- Hand Operated Vacuum Pump
- Compression Gauge
- Radiator Pressure Tester
- Feeler Gauge (Go-No-Go, blade type)
- Door Panel Removal Tool

Student List - Advanced Level

- Scan Tool - See Instructor for requirements and recommendations