

Auto Technology & Motorcycle Maintenance Minimum Required Tool List

The tool list is NOT required by the first day of school. The instructor Mr. Rose will give suggestions on where the tools can be purchased and the date they are required (usually by October). Students who qualify for fee assistance will have a tool set supplied for them to use.

Socket Set - 1/4" Drive

- 1/4" - 1/2" Standard Depth (6 Point)
- 1/4" - 1/2" Deep (6 Point)
- 6mm - 14mm Shallow (6 Point)
- 6mm - 14mm Deep (6 Point)
- Ratchet
- Extension - 3", 6"
- Flex/Universal Joint

Socket Set - 3/8" Drive

- 5/16" - 7/8" Standard Depth (6 Point)
- 5/16" - 7/8" Deep (6 Point)
- 8mm - 19mm Standard Depth (6 Point)
- 8mm - 19mm Deep (6 Point)
- Ratchet
- Extension - 3", 6", 12"
- Universal Joint

Socket Set - 1/2" Drive

- 7/16" - 1 1/4" Standard Depth (6 Point)
- 7/16" - 1 1/4" 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

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"
- Phillips
- #2 Stubby
- #1 Tip, #2 Tip, #3 Tip

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"
- Vise Grip Pliers 10" (10WR)

Hammers

- 16oz Ball Peen
- 16oz Soft Faced Dead Blow

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"

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

Small Tools

- Flash Light
- Telescopic Inspection Mirror
- Spark Plug gap tool
- Feeler Gauge (Blade type)
- Flexible Pick Up Tool (magnetic and claw type)
- Tape Measure 12"
- Gasket/Carbon Scraper (putty knife)

Tool Box

- 3 drawer hand held not to exceed 25x13x15.5 (wxdxh)