



First Term
Automotive Tools

1/4" drive tools

- 1/4" drive six-point socket set from 3/16" to 9/16" shallow
- 1/4" drive six-point socket set from 3/16" to 9/16" deep
- 1/4" drive six-point metric socket set from 5mm to 15mm shallow
- 1/4" drive six-point metric socket set from 5mm to 15mm deep
- 1/4" drive ratchet, long handle
- 1/4" drive extensions 2, 4, and 6"
- 1/4" drive flex joint

3/8" drive tools

- SAE 3/8" drive six-point socket set 1/4" to 7/8", shallow
- SAE 3/8" drive six-point socket set 1/4" to 7/8", deep
- Metric 3/8" drive six-point socket set 8mm to 19mm, shallow
- Metric 3/8" drive six-point socket set 8mm to 19mm, deep
- 3" extension
- 6" extension
- 12" extension
- 3/8" Flex joint, AKA Universal joint
- 8" ratchet
- 12" Flex head Ratchet
- 3/8" to 1/2" Adapter
- 1/2" to 3/8" Adapter

Wrenches

- 16 pc. combination wrench set 12 pt. Metric 10mm to 22mm chrome
- 8mm Metric 12-point combination wrench

Special wrenches

- 12" adjustable wrench
- 13 PC Allen or L shaped SAE Hex wrenches .05 to 3/8"
- 9 12PC Allen or L shaped SAE Metric Hex wrenches 1.5mm to 10mm

Hammers

- 16 oz. Dead Blow ball peen hammer
- 32 oz. Dead Blow ball peen hammer
- 16 – 20 oz. plastic capped or soft faced hammer

Pliers

- 6" diagonal cutting plier
- 8" long nose plier (needle nose type)
- 8" Combination slip joint plier (regular type)
- 12" slip joint type ('ChannelLock' type)
- 4-piece locking 'ViseGrip' type (5, 7, 10" curved jaw and 6" long nose)
- Fixed tip convertible straight snap ring plier (approx. .038" tip)
- Fixed tip convertible snap ring plier (approx. .070 tip)

Screwdrivers

- 8 pc. Combination set (Std. and Phillips)
- Ratcheting magnetic screwdriver with bits
- 11 pc. Punch and chisel set (in tray or pouch)
- 10" or 12" hacksaw (with blade)

Misc. Tools

- Universal master feeler gauge (.0015 to .035)
- Metric feeler gauges
- Spark plug gauge (slide type)
- Blow gun with a rubber tip
- Tire tread depth gauge
- 12 Volt Test Light
- 16" Rolling head prybar/aligning tool
- Wire brush
- Miniature pick tool set
- Gasket scraper set
- Battery service kit (GM battery wrench, angle nose pliers, side terminal cleaner, terminal brush)
- 2 ¼" technician mirror
- Magnetic pick-up tool
- Wire stripper/crimper (AWG 10-20)
- 25-foot tape measure
- Corded or cordless trouble light (LED or fluorescent)
- Safety Glasses

Meters

- Automotive digital multimeter (Snap On EEDM504F or equivalent, see instructor)

Cabinet and chest

- Due to limited storage space large tool chests may not fit in secure storage area. (Superior)
- Due to limited shop and storage space toolboxes may not exceed 52" in width. (Rice Lake)



Second Term Tool list

1/2" drive

- 1/2" drive six-point socket set 3/8" to 1-1/4 shallow
- 1/2" drive six-point socket set 3/8" to 1 1/4" deep
- Ratchet 10"
- 3" extension
- 5" extension
- 12" extension
- 18" flex handle (breaker bar)
- 10 pc. Metric Impact six-point socket set 10mm to 19mm shallow
- 10 pc. Metric Impact six-point socket set 10mm to 19mm deep
- 1/2" Impact swivel
- 1/2" Impact wrench

Specialty Sockets

- 1/4" drive Torx sockets, sizes 8 to 25
- 3/8" drive Torx sockets set 30 to 55
- 5/8" spark plug socket
- 13/16" spark plug socket

Standard Wrenches

- Standard combination wrench set 12 pt. 3/8" to 1" chrome
- 5/16" Standard combination wrench
- SAE six-point Flare nut wrench set 3/8" to 5/8"
- Metric six-point flare nut wrench set 11mm to 14mm

Air Conditioning

- Thermometer 0 – 200F

Brake Tools

- Brake spring service set (brake spoon, rear shoe hold-down spring tool, bleeder too and brake spring pliers or equivalent)

Prybars

- 8" striking prybar
- 12" striking prybar
- 18" striking prybar
- 24" striking prybar