

REQUIRED TOOL LIST

1/4 Inch Drive Sockets Misc.:

Shallow 5.5-14mm (6-point sockets preferred)

Deep 5.5-14mm (6-point sockets preferred)

Swivel or universal joint

Ratchet (flex head optional)

2" & 6" extension (complete set preferred) *Example: Snap-On BLPGSSM1427 or 144TMPB (set contains optional standard sockets)*

3/8 Inch Drive Sockets Misc.:

Shallow 10mm – 21mm (6-point sockets preferred)

Deep 10mm – 19mm (6-point sockets preferred)

Swivel or universal joint

Ratchet (flex head optional)

1½", 3", 6", and 10" extension (complete set preferred) *Example: Snap-On BLPGSS3849 or 222AFSMP*

Spark plug sockets: 14 mm, 9/16, 5/8, 13/16 *Example: Snap-On 206ESSPKPLG2*

Screwdrivers:

3 pc. misc. flat blade

3 pc. misc. Phillips blade *Example: Snap-On SGDX60BR*

Wrenches:

Metric combination 8 – 19mm wrench set *Example: Snap-On BLPCWSM712B or SOEXM710*

Pliers:

Slip-Joint, Diagonal cutters, Needle nose *Example: Snap-On PL305ACF*

16 in. or 20 in. slip joint pliers *Example: Snap-On CHN480*

Regular Vise grips (10") *Example: Snap-On VSG10R*

Electric repair wire pliers (stripper/crimper) *Example: Snap-On PWCS8*

Radiator hose clamp pliers (whip-style) *Example: Snap-On SHCP2*

Hammers:

Brass Hammer *Example: Snap-On HBR25*

2 or 3 lb. Sledge Hammer *Example: Snap-On HD4SG*

Torx Sockets:

T8-T60 *Example: Snap-On BLPTSSC43*

Tool Box: A (lockable) rolling tool box should remain on the campus to house and secure all contents with a maximum length of 48 inches.

Misc. Tools:

4 pc. misc. pry bar set *Example: Snap-On SPBS704AR*

12 volt test light *Example: ATD 5502*

Basic volt meter: Innova 3320

Torque Wrench 12.5-250 lb. ft. [digital with torque angle preferred] *Example: Snap-On ATECH3FR250B*

1/2" Impact wrench (air **OR** electric)

♦ *Air Impact Wrench Example: Snap-On PT850*

♦ *Cordless Electric Impact Wrench Example: Milwaukee Tool M18 Fuel ½ 2767*

Magnetic rechargeable light: Maxxeon Cyclops

Brake lining gauge set: Lisle 81850 or similar

Lug-nut socket set: *Example: Snap-On LSR2000PLUS & LSR1000EXT* **OR** Lug nut socket set *Example: Snap-On LSR1500*

Personal Items:

Leather shoes (steel toed not required but offer more personal safety)

Hearing protection (minimum noise reduction rating (NRR): 20dB)

Safety glasses (ANSI-Z87 rated eye wear)

Work shirts: available through the Jackson Campus Bluejay Nest (minimum of 4 required)

SUGGESTED ADDITIONAL TOOL LIST

1/4 Inch Drive Sockets Misc.:

Shallow 3/16 - 9/16 in.

Deep 3/16 - 9/16 in.

3/8 Inch Drive Sockets Misc.:

Shallow 1/4 - 7/8 inch

Deep 3/8 – 1 inch

3/8" to 1/4" reducer

Flexible Socket Set: 3/8-3/4

Flexible Socket Set: 10mm-19mm

1/2 Inch Drive Sockets Misc.:

1/2" - 3/8" reducer

Shallow 10mm – 24 mm (6-point sockets preferred)

Deep 10 mm—24 mm (6-point sockets preferred)

Deep Impact socket set: 13mm-21mm (6-point sockets preferred)

Shallow 7/16 – 1 1/8 inch

Deep 7/16 – 1 1/8 inch swivel or universal joint

Flex handle breaker bar

Wrenches:

Metric flare/line wrench set *Example: Snap-On RXFMS606B*

Standard flare/line wrench set *Example: Snap-On RXFS605B*

8 in. & 12 in. adjustable wrench set *Example: Snap-On FADH702A*

Misc. Hand Tools:

Blow gun

Tire inflator chuck

Tire pressure gauge

Tire tread depth gauge (digital tool preferred)

Standard combination 5/16 – 7/8in. (optional) *Example: Snap-On SOEX710*

Standard combination 15/16 – 1 1/8in. (optional) *Example: Snap-On SOEX704*

Metric combination wrench 20 – 24mm (optional) *Example: Snap-On SOEXM705*

Spark plug gapping tool

4 pc. basic hook & pick set

Gasket scraper (non-pneumatic)

Brake caliper spreader

Strong magnetic drain plug removal tool

Vacuum gauge

Trim panel service kit (kit should include trim pliers and plastic no scratch pry bars)

Engine compression tester

Mechanic's stethoscope

Magnet

Radiator hose pick set (Lisle 80380 or the equivalent)

Fluke 115 Volt Meter replaces required basic volt meter: Innova 3320