

SOUTH PLAINS COLLEGE AUTOMOTIVE TECHNOLOGY STUDENT TOOL LIST

THE STUDENT TOOL KIT IS TO CONSIST OF THE FOLLOWING:

Lockable tool storage chest

Combination wrenches: (US and metrics sizes)

1/2" drive ratchet and extensions

break over bar

1/2" drive torque wrench (30–250 ft lb)

sockets: 3/8" to 1 1/4" US deep and shallow

9mm to 23mm Metric Deep and shallow

3/8" drive ratchet and extensions

sockets: 1/4" to 13/16" US deep and shallow

9mm to 19mm Metric deep and shallow

1/4" drive ratchet and extensions

sockets: 5/32" to 9/16" US deep and shallow

4,5,5.5,6-14mm Metric deep and shallow

Needle nose pliers, 6 or 8"

Diagonal cutting pliers, 8"

Slip joint pliers, 6"

Channel-lock type pliers, 10"

Locking pliers, 8" (vise grips)

Snap ring pliers, 3 sizes, reversible (internal/external)

(small straight tip, medium straight tip, medium 90 degree tip)

Electrical strip & crimp tool

Multi-meter (10 meg-ohm resistance, volts, ohms and amps)

12-volt test light

5-piece screwdriver set, 3 straight, #1 & #2 Phillips tips

Hacksaw & blades

Feeler gauge set, .0015" through .030"

Bladed gasket scraper

Ball-peen hammers, 8 oz. & 32 oz.

6 foot tape measure

Hook and scribe tool (seal pick)

Allen wrench set, (US and metric sizes)

Chisel and punch set

TORX Driver set (male) T27 thru T55

5/16" side terminal battery ratchet

1/2" drive torque wrench (30–250 ft lb)

Minimum of 2 uniform shirts (ordered by program coordinator

first week of school)

* Brake adjusting spoon

* Brake return-spring tool

* Brake retainer nail tool

* NOTE these three items available as a set