

# Skyline College Automotive Department

## REQUIRED TOOLS - MORNING GENERIC PROGRAM

### BASIC TOOL SET

#### Description of Tool or Set

Punch and chisel set  
Combination wrench set. 12 pt. 10mm to 19mm  
8mm Combination wrench 6 pt.  
24 oz. Ball peen dead blow hammer.  
32 oz. Plastic coated dead blow hammer.  
Screw driver set. (Orange Handles - 8 pieces)  
3/8" drive shallow and deep socket set. 8mm to 19mm 6 pt.  
3/8" drive extension and adapter set. (includes three lengths:  
1 1/2", 3", 6" extensions, and two adapters  
3/8" female to 1/4" male & 3/8" female to 1/2" male)  
3/8" drive ratchet. (Standard length)  
3/8" drive ratchet. (Flex head, long handle)  
6" metal machinist rule. US and Metric  
Spark plug gapper  
24" pry bar with handle.  
Pick Set 4 piece with handles (Orange colored handles.)  
Plier set. (Cutters, needle nose, slip joint.)  
Adjustable Joint Plier

### ELECTRICAL SUPPLEMENT SET

#### Description of Tool or Set

1/4" drive plastic box  
1/4" drive long shank driver w/female square dr  
1/4" drive sealed ratchet  
1/4" drive 2" knurled extension  
1/4" drive 4" knurled extension  
1/4" drive 6" knurled extension  
1/4" drive universal joint  
1/4" drive 7mm metric 6 point short socket  
1/4" drive 8mm metric 6 point short socket  
1/4" drive 9mm metric 6 point short socket  
1/4" drive 10mm metric 6 point short socket  
1/4" drive 11mm metric 6 point short socket  
1/4" drive 12mm metric 6 point short socket  
1/4" drive 13mm metric 6 point short socket  
1/4" drive 14mm metric 6 point short socket  
Socket rail (length 7 3/8" to fit inside PB24)  
1/4" drive socket rail clips (9 minimum for the above rail)  
12v test light  
Remote starter switch  
Battery brush  
Battery tester - thexton

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## ENGINES AND TRANSMISSIONS SUPPLEMENT SET

### Description of Tool or Set

Folding hex wrench set. (.050" to 3/16")  
Metric folding hex wrench set. (1.5mm to 6mm)  
Blow gun. (non-restrictive) rubber tip.  
Bronze tip hammer. 24 oz.  
Plastic faced gasket scraper.  
Tapered bronze punch. 10" long, 3/8" tip diameter.  
3/8" drive spark plug socket. 13/16"  
3/8" drive spark plug socket 5/8"  
Feeler gauge set. .0015" to .035". 35 blades.

## TRANSMISSIONS SUPPLEMENT SET

### Description of Tool or Set

Snap ring pliers. 3/32" Wide straight tips and 1/16" thick.  
Snap ring pliers. 3/32" Thick ends with 1/8" dimple.  
Convertible snap ring pliers. .070" tips  
Convertible snap ring pliers. .047" tips  
3/8" drive extension. 10 or 11" long.

## ENGINE PERFORMANCE SUPPLEMENT SET

### Description of Tool or Set

Mighty Mite vacuum pump  
Spark plug gapper - conventional  
Spark plug gapper - electronic  
Modified spark plug - Kent Moore  
Injector test noid - Kent Moore  
Compression gauge set  
Vacuum & fuel pump for carburetor pressure gauge set  
High pressure injection fuel pressure gauge Set

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## REQUIRED TOOLS - MORNING GENERIC PROGRAM

### **BRAKE AND CHASSIS SUPPLEMENT SET**

#### **Description of Tool or Set**

3/8" drive disc brake caliper set (Includes hex sizes:  
1/4", 5/16", 3/8", 8mm, T40 Torx, T45 Torx, & T50 Torx)

Flairnut wrench 6 piece set - Metric (Includes sizes: 9-11mm,  
10-12mm, 13-14mm, 15-17mm, 16-18mm, 19-21mm)

Flip socket set (19-21mm, 3/4-13/16", & 3" extension)

Pinch bar 38"

1/2" breaker bar

Combination wrench 12pt. 20mm

Combination wrench 12pt. 21mm

Combination wrench 12pt. 22mm

Combination wrench 12pt. 23mm

Combination wrench 12pt. 24mm

40 oz. dead-blow ball peen hammer

Hub cap remover / installer

1/2" Dr. Flex-head torque wrench 40-250lb.ft.

1/2" Dr. super duty air impact gun

1/2" Dr. impact socket set 6 pt. (3/8"-1") 11 pcs.

Flairnut wrench set (1/4" to 13/16) 5 pcs.

Tire gauge 20-100 psi

Tire valve stem tool

Tire tread depth gauge

Air chuck

Brake service tool set (includes: spring pliers,  
29°x45° adjusting tool, 8x10mm bleeder wrench,  
double ended spring cap socket, and 1/4" handle)