

**AUTOMOTIVE TOOL LIST  
HIBBING COMMUNITY COLLEGE**

It is suggested students wait until tool day to purchase tools

1. 1/4" drive socket set, 6 point:
 

Ratchet	Sockets Standard, Metric,
2" extension	5.5mm – 13mm
6" extension	Sockets Deep, Metric
U – joint	5.5mm – 13mm
  
2. 3/8" drive socket set, 6 point:
 

Ratchet	Sockets Metric, standard
2" extension	8mm – 19 mm
6" extension	Sockets Metric, deep
12" extension	8mm – 19mm
U – joint	Flex metric sockets, 8mm -19mm
Sockets, standard 1/4" – 3/4"	Sparkplug sockets, 5/8" & 13/16"
Sockets, deep 3/8" – 3/4"	
  
3. 1/2" drive socket set, 6 point:
 

Ratchet	Sockets, deep 7/16 – 1"
Breaker bar	Sockets, metric standard
2" extension	10mm-24mm
6" extension	Sockets, metric deep
12" extension	10mm-24mm
Universal joint	
  
4. Adaptors, 3/8" – 1/4", & 1/2" – 3/8"
5. Combination wrench set, standard 12 point, 5/16" – 1 1/4"
6. Combination wrench set, metric 12 point, 8mm – 19mm
7. Flare nut wrench set, standard  
Flare nut wrench set, metric
8. Punch and chisel set: (or equivalent set)
 

a. flat chisel 3/8"	f. starter punch 1/4" point
b. flat chisel 1/2"	g. pin punch 3/32" point
c. flat chisel 5/8"	h. pin punch 1/8" point
d. starter punch 3/32" point	i. pin punch 1/4" point
e. starter punch 5/32" point	

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9. Screwdrivers:

1/4" blade (stubby)	No. 2 phillips (stubby)
3/16" blade, 6" shaft	No. 1 phillips, 6" shaft
1/4" blade, 6" shaft	No. 2 phillips, 6" shaft
5/16" blade, 6" shaft	No. 3 phillips, 10" shaft
1/2" blade, 10" shaft	(or equivalent set)

Magnetic tip screwdriver, 6" shaft w/ bit set, including torx bits  
Pocket screwdriver

10. Pry bar set, 8", 12", 18" & 24" (or equivalent set)

11. Pliers:

6" slip joint  
Diagonal side cutters, 3/4" jaw, 6" long  
Needle nose pliers, 6" long  
Interlocking joint pliers, 12" long  
10" vise grip pliers, curved jaw  
Hose clamp pliers  
Wire stripping pliers

12. Hammers:

ball peen 8 oz.  
ball peen 16 oz.  
soft face 16 oz.

13. Misc.:

gasket scraper	tire filler chuck
Torx sockets, T8 – T55	tire pressure gauge
inspection mirror, 2"	tire tread depth gauge
12' tape	tire schrader valve tool
air blow gun, OSHA tip	brake pad thickness gauge
unpowered test light	flashlight
allen wrench set, standard	work light, LED or fluorescent, corded or cordless
allen wrench set, metric	fender cover
sparkplug feeler gauge	spark tester
pick/scribe set, straight & 90	

14. Storage, Tool box, 6 drawer (rolling)

Recommend additions:

Impact wrench, 1/2" drive  
Torque wrench, 1/2" drive, 50-250 ft lb

**THE ESTIMATED PRICE OF ALL TOOLS LISTED IS:**

**\$ 850.00 - \$2,100.00**

**THE ESTIMATED PRICE OF TOOL STORAGE IS:**

**\$ 250.00 - \$2,000.00**

**Prices vary based on brand and point of purchase.**