



UAF/COMMUNITY & TECHNICAL COLLEGE	
AUTO TOOL LIST	
Required Items	
1	Locking Tool Chest
2	Combination wrench set 12 pt. Long handle: 3/8" to 1 1/2"
3	Combination metric set 12 pt. Long handle: 8 to 19 mm
4	Feeler gauge set: long, set of 25
5	Gasket scraper
6	Screw drivers - Standard Blade
	1" x 1/4" tip
	4" x 3/16" tip
	6" x 1/4" tip
	8" x 5/16" tip
7	Screw drivers - Phillips Blade
	1" x No. 2 tip
	3" x No. 1 tip
	4" x No. 2 tip
	6" x No. 2 tip
8	Slip Joint pliers 12" (Channel-Lock type)
9	Needle nose pliers
10	Combination pliers 6"
11	Diagonal cutting pliers
12	Pry bar set: 8", 12", 16", 24" length
13	Ball peen hammer 12 oz.
14	Composite dead blow hammer, 2 lb. shot filled head
15	Chisel set: 1/4", 1/2", 3/4" chisels
16	Punch set: 1/16", 1/8", 1/4"
17	Center Punch
18	Starter Punch 5/16"
19	Pin Punch 5/64"
20	Allen wrench set, standard and metric sets
21	Flashlight
22	Blowgun-OSHA approved with rubber tip
23	12 volt circuit test light
24	Digital multimeter, 10 Megohm input impedance (fluke 115 style)
25	1/2" Drive ratchet wrench, 15" length fixed head
26	1/2" Drive ratchet wrench, 15" length flex head
27	1/2" Drive breaker bar, 20"-24" length
28	1/2" Drive extension set: 3", 6", 10"
29	1/2" Drive SAE socket set, shallow & deep 1/2" to 1-1/2"
30	1/2" Drive metric socket set, shallow & deep 10-21mm
31	1/2" to 3/8" adapter
32	1/2" Drive torque wrench 50-250 ft. lb. range

33	3/8" Drive torque wrench 20-100 ft. lb. range
34	3/8" Drive ratchet wrench, 10" fixed head
35	3/8" Drive ratchet wrench, 10" flex head
36	3/8" Breaker bar, 12" length
37	3/8" Drive extension set: 2", 6", 10"
38	3/8" Drive SAE socket set, shallow & deep 1/4" to 3/4" 6pt.
39	3/8" Drive metric socket set, shallow & deep, 8 to 21mm 6pt.
40	3/8" Drive to 1/2" drive adapter
41	3/8" Drive speed handle
42	1/4" Drive ratchet wrench, 5"
43	1/4" Drive extension set: 2", 4", 6"
44	1/4" Drive SAE socket set, shallow & deep 3/16" to 9/16" 6pt.
45	1/4" Drive metric socket set, shallow & deep 4 to 15mm 6pt.
46	12" Adjustable crescent wrench
47	Dial caliper micrometer, 0"-5"
48	Wire brush
49	File set, 8" bastard, 12" course double flat, 8" course round
50	Wire strippers
51	Wire crimpers
52	Small pocket screwdriver, standard blade
53	Awl
54	Hacksaw 12" blade

NAPA Auto & Truck Parts

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Required Textbook:

Automotive Service: Inspection, Maintenance, Repair, 6th Ed.

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