

UAF Community & Technical College – Auto Tool List

Item #	Description
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	Screwdrivers – Standard blade (1" x 1/4" tip, 4" x 3/16" tip, 6" x 1/4" tip, 8" x 5/16" tip)
7	Screwdrivers – Phillips blade (1" x No. 2 tip, 3" by 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"
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: 3/16", 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" fixed head
26	1/2" drive ratchet wrench, 15" flex head
27	1/2" drive breaker bar, 20"–24"
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 10–21 mm
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"
37	3/8" drive extension set: 2", 6", 10"
38	3/8" drive SAE socket set, shallow & deep 1/4" to 3/4"
39	3/8" drive metric socket set, shallow & deep 8–21 mm
40	3/8" drive to 1/2" 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"
45	1/4" drive metric socket set, shallow & deep 4–15 mm
46	12" adjustable crescent wrench
47	Dial caliper micrometer, 0–5"
48	Wire brush
49	File set: 8" bastard, 12" coarse double flat, 8" coarse round
50	Wire strippers
51	Wire crimpers
52	Small pocket screwdriver, standard blade
53	Awl
54	Hacksaw 12" blade

Required Textbook

Automotive Service: Inspection, Maintenance, Repair (6th Edition)

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Tool Vendors / Contacts

NAPA Auto & Truck Parts

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MAC Tools

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