



UAF CTC Diesel And Heavy Equipment Technology Tool List

Minimum measurements and quantities are listed

<u>Required Items</u>	
1	Rolling Tool Box or Cart with lock
2	Combination wrench set -12 pt. Long handle: 3/8" to 1-1/2"
3	Combination metric set -12 pt. Long handle: 8 to 27 mm
4	Feeler gauge set: long, curved set of 25
5	Gasket scraper
6	Screw drivers - Standard Blade (Flat Tip)
	1" x 1/4" tip
	4"x 3/16" tip
	6" x 1/4" tip
	8" x 5/16" tip
7	Screw drivers - Philips
	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	Rolling head pry bar (heel bar) - 16"
13	Ball peen hammer - 12 oz.
14	Dead Blow (Composite soft face hammer - minimum of 2lb. Shot filled head)
15	Punch and chisel set:
	1/4", 1/2", 3/4" chisels
	1/16", 1/8", 1/4"; Center punch; 5/16" starter punch; 5/64" pin punch
16	Allen wrench set - (15 piece standard and metric)
17	Flashlight (must have headlamp, should also have handheld)
18	Blowgun-OSHA approved with rubber tip
19	Pick Set (Should include assorted small and large picks)
20	Multimeter with DC Amp clamp
21	1/2" Drive components:
	1/2" Ratchet
	1/2" Breaker Bar-18" minimum length
	1/2" Extension bar - 3"; 6", 10"
	1/2" Socket set (shallow and deep) 12 pt. 14-16 piece: 1/2" - 1-1/2" & 10mm-27mm
	1/2" - 3/8" adapter
22	12" adjustable crescent wrench
23	15" adjustable crescent wrench
24	Dial caliper micrometer 0-5" (can be digital or analog)
25	Wire brush
26	Files: 8" bastard; 12" course double flat; 8" course round
27	Wire strippers and crimpers
28	3/8" drive set
	3/8" Ratchet
	3/8" Breaker Bar
	3/8" Extensions: 2"; 6"; 10"
	3/8" SAE (inch) Socket set (Shallow and deep sets)
	5/16 - 3/4" 12 point set
	3/8" Metric Socket Set (Shallow and deep sets)
	8mm-19mm 12 point set
	3/8" to 1/2" adapter
29	1/4" drive ratchet, 1/4 "metric and SAE sockets, 3/8" to 1/4" adapter
30	Long sleeve coveralls
31	Safety glasses
32	Boots-Over the ankle
33	Welding helmet, welding gloves, welding jacket
<u>Optional Items</u>	
Brass Punch, 36"-60" pry bar, 4-8 lb sledgehammer, Cordless impact, Hacksaw - 12: blade, 1/2" drive Hex set (allens), 1/2" Air Impact,	
3 Jaw puller, Mechanics Fingers, Magnetic pickup tool	
1/2" 6 point impact socket set,	
NAPA Auto & Truck Parts	
Jacob Geil	
722 Loftus Rd.	
Fairbanks, AK 99709	
907-458-6290	
jacob_geil@napastore.com	
SNAP-ON Industrial	
Walter Landgrebe	
Anchorage, AK	
907-230-5608	
walter.g.landgrebe@snapon.com	
Matco Tools	
www.matcotools.com	
MAC Tools	
www.mactools.com	