

PERFORMANCE MACHINING BASIC TOOL LIST

All students are required to provide their own hand tool set. The following list of tools will serve as a guide for Performance Machining students. These tools may be purchased from any vendor and substantial discounts are available to students. Ferris State University does not sell tools.

Complete Tool List

1. 1 - 17 piece 1/2" drive socket set
12mm - 24 mm (deep and shallow)
2. 1 - Combination wrench set 3/8" to 1"
3. 1 - Metric combination wrench set
4mm to 22mm
4. 1 - Torque wrench 0 to 150 ft/lb
capacity (prefer dial type)
5. 1 - Screwdriver set including 4
standard, 4 phillips, 4 posi drive
#1,2,3,4
6. 1 - Metric Allen wrench set
7. 1 - Allen Wrench set (standard)
8. 1 - Pliers - slip joint
9. 1 - Pliers - needle nose
10. 1 - Pliers - 9" channel lock type
11. 1 - Pliers - 10" vice grip
12. 2 - Ball peen hammers - 8 oz. & 20 oz.
13. 1 - Plastic tip hammer
14. 1 - Medium size rubber mallet
15. 1 - 16" pry bar
16. 1 - Brass drift - 6"
17. 1 - Pair safety glasses
18. 1 - Feeler gauge set
19. 1 - Gasket scraper
20. 1 - 6" steel rule (1/32 & mm scale)
21. 1 - Set torx bits - 3/8" drive
(T27,30,40,45,55, & GM50) Torx
sockets (E8,10,12,14, & 16)
22. 1 - Punch set (5/16" center punch,
1/4" starter punch, 3/16" & 5/16" pin
punch)
23. 1 - Chisel set (3/8", 1/2" & 3/4")
24. 1 - Pair leather work shoes
25. 1 - 3/8" drive in/lb torque wrench (0 to
50 in/lb)
26. 4 - Files, 2 flat, 1 - 3/8" X 10" round, 1
- 3 cornered 10"