1. Tool box
2. Safety glasses or goggle (optional - full face shield)
3. Gloves
4. Hearing protection
5. Calculator (with at least square root function)
6. Machinist’s rule
7. Hammers: 8 oz. ball peen
   soft hammer (rubber is OK)
8. Screwdrivers: 3 ea. – slotted (1/8” thru 1/4”)
   Phillips #2
   very small slotted
   stubby slotted and Phillips
9. Hacksaw (fix frame) and metal blades
10. Pliers: common pliers
    water pump or channel lock
    duck bill
    needle-nose pliers
11. Diagonal cutters
12. Small wire cutters
13. Wire strippers
14. Wrench – 10” or 12” adjustable jaw
15. Awl
16. Combination wrenches: 1/4” thru 1” (1/16” increments) – 12 point recommended
17. Socket sets: 1/4” drive – 1/4” thru 1/2” (1/16” increments) – 12 point recommended
   3/8” drive – 1/4” thru 1” (1/16” increments) – 12 point recommended
   3/8” deep socket set (optional)
18. Ratchet wrenches: 1/4” drive
    3/8” drive
19. Extensions:
    1/4” X 3”
    3/8” X 3”
    3/8” X 6”
20. Cold chisel
21. Pin punches: 1/16”
    1/8”
22. Inspection mirror
23. 1” wide putty knife
24. Tri-square
25. Metal straight edge – 12” or 18”
26. Compass – pencil type
27. Utility knife
28. Small set Allen wrench (to 1/4”)
29. Center punch
30. Scissors
31. Small flashlight or inspection light
32. Magnifying glass
33. Digital multimeter
34. Metal snips - straight
35. Metal files
36. Drill bits:  
   5 - #40  
   5 - #30  
   5 - #21
37. Rivet gage (#3 thru #5)

Optional Recommended Additions

1. Vise grip pliers
2. Cotter-key puller
3. Tire inflator
4. Tire inflation gauge (low range)
5. Magnet or extension magnetic pickup
6. Brass drifts
7. Socket drive u-joints
8. Swivel/wobble sockets and extensions
9. Clip board
10. Offset Phillips and slotted screwdrivers
11. First-Aid kit