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. Screw drivers: 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. Combination wrenches: 1/4” thru 1” (1/16” increments) – 12 point recommended
16. 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)
17. Ratchet wrenches: 1/4” drive
     3/8” drive
18. Extensions: 1/4” X 3”
     3/8” X 3”
     3/8” X 6”
19. Pin punches: 1/16”
     1/8”
20. Inspection mirror
21. 1” wide putty knife
22. Carpenter's square – approximant size 8” X 12”
23. Compass – pencil type
24. Utility knife
25. Small set Allen wrench (to 1/4”)
26. Center punch
27. Small flashlight or inspection light
28. Magnifying glass
29. Digital multimeter
30. Metal files
31. Drill bits:  
   5 - #40  
   5 - #30  
   5 - #21  
32. Rivet gage (#3 thru #5)
33. Sharpie - Ultra Fine Tip

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