



## Structures Mechanic Suggested Tool List

### Toolbox with Lock

## RACHETS, SOCKETS & WRENCHES

- 1/4" Drive Ratchet
- 1/4" Drive Hi-Lok Ratchet
- 3/8" Drive Ratchet
- 1/4" Drive 12-Point Socket Set – 3/16" – 1/2" (Shallow & Deep)
- 3/8" Drive 12-Point Socket Set – 3/16" – 3/4" (Shallow & Deep)
- 1/4" Sockets – 3/16" – 9/16" (12 Pt.) (Shallow)
- 1/4" Drive Extension Set
- Set of Combination Wrenches – 3/16" – 3/4"
- 1/4" – 5/8" Combination Wrenches
- Set of Adjustable Wrenches
- Allen Wrench Sets (Standard & Metric)
- Ignition Wrench Set
- Speed Handle

## DRILLS, RIVETS AND RIVET ACCESSORIES

- 1/4" Chuck & 3/8" Pneumatic Drill
- Rivet Cutters
- 90-Degree 1/4"-28 Threaded Drill, 45-Degree 1/4"-28 Threaded Drill (Optional)
- 3X & 4X Rivet Gun
- Universal Head Sets (3/32", 1/8", 5/32", 3/16", 1/4")
- Flush Skin Set & Standard Flush Set
- Rivet Punch Set
- Assortment of Bucking Bars
- Hi-Lok Grip Gauge, Cherry Max & Cherry Lok Gauge

## MEASURING

- 6" and 12" Scale (Hundredths)
- 12' Measuring Tape
- 12" Combination Square
- Dividers

## PLIERS/VISE GRIPS

- Cleco Pliers and Spring Clecos (#40, #30, #21, #10, 1/4")
- 10" Knipex Pliers (Smooth Jaw)
- Duckbill Pliers
- Vise Grips (Various Sizes)
- Needle-Nose Pliers

## HAMMERS

- Ball Peen Hammer
- Plastic/Rubber-Tipped Hammer
- Dead Blow Hammer

## SCREWDRIVERS

- Ratcheting Apex Screwdriver
- Darwin Ratcheting Driver Set (13981) – Close-quarters offset ratcheting screwdriver (available at Yard Store). Also useful for Hi-Lok.

## AIR TOOLS

- 1/4" Palm Air Drill
- 4X Rivet Gun & Basic Sets
- 90-Degree Die Grinder
- Air Nozzle
- Air Vac
- 1/4" Drive Air Ratchet
- 3" Mini DA Sander



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#### MISCELLANEOUS TOOLS

- Air Vac
- Assortment of C-clamps
- Assortment of Files (Round, Half-Round, Flat)
- Aviation Snips (L/H, R/H, Straight)
- Ball Peen Hammer (Small, Medium, Large)
- Brass Punch Set
- Clecos (50 Each Minimum: 3/32, 1/8, 5/32, & 3/16)
- Die Grinder (90 Degree & Straight)
- Die Grinder Countersink Cages
- Drop Light (13 Watt or LED with Long Cord)
- Drill Bit Index (Nominal Wire Size #60 - #1)
- Flashlight (2C Maglight or Equivalent – AA Works Well)
- Flashlight (Vapor Proof)
- Inspection Mirrors (1" & 2")
- Mechanical Fingers
- Micro Stop
- Pick Set – Quality
- Pickup/Retrieval Magnet
- Punch/Chisel Set/Automatic Center Punch
- Putty Knives (Different Sizes and Flexible)
- Rivet Cutters
- Round Inspection Mirror
- Scissors
- Scribe/Awl/Hook Scribe
- Set of Files
- Set of Screwdrivers (Common & Phillips)
- Small Rubber Dead Blow Hammer
- Speed Handle Deburring Tool (Dog Leg)
- Tool Tote Bag
- 3 Skin Wedges

#### SUGGESTED TOOLS

- 1/4" Drive Swivel Socket Set 1/4"-9/16"
- 1/4" Sockets Deep 3/16"-9/16" 12 Pt.
- 90° Air Drill
- Air Pencil Grinder
- Basic Set Metric Wrenches/Sockets
- Borescopes & etc.
- Calipers (Dial or Digital)
- Cherry Max guns
- Composite HeatCons
- Composite Scissors
- Dimple Dies
- Drill Cup & Threaded Bushing Kit
- "C" Squeeze and Variety of Sets
- Good Assortment of Bucking Bars
- Hi-lok Pliers
- Hi-lok Removal Sockets
- Long Needle Nose Pliers (Straight and 45°)
- Magnifying Lens (10X)
- Pneumatic Squeezes
- Quality Cordless Drill (12V)
- Rotary File Set
- Straight Die Grinder
- Vise Grip Clamps