



Collision Repair Technology

Required Tool List

Safety glasses (OSHA approved)
25 foot tape measure (MUST INCLUDE METRIC)
Ear protectors (Ear muff type)
Fender cover
Tire air inflation chuck with ¼" Lincoln style air fitting (Milton 791/792)
Tire air pressure gauge
Tire valve core remover
Blow gun, non-restricted with ¼" Lincoln style air fitting (Milton 791/792)
Rechargeable LED Shop/Utility Light (No longer than 24") NOT Flashlights
Telescoping inspection mirror
Wire brush (Shoe horn type)
Bastard file set to include 3/8" round, 8" flat mill, and 8" half round
Scraper/putty knife 1" – Steel Blade
Hack saw handle with blades
12 volt test light
Digital Multi-meter (volt-ohms-amps) Fluke DM115 or equivalent
16oz ball peen hammer
Pry bar set (to include Lady Foot/line up bar type)
Punch/chisel set (to include center, pin, starter, flat chisel)
Screwdriver set, flat blade, stubby, 6", 9", 12", offset
Screwdriver set, Phillips, stubby #1 & #2, 6" #1 & #2, 12" #3, offset #2
Torx set for ¼" and 3/8" drive (T8-T55)
Vise Grip style Locking pliers set to include needle nose type
Body panel clamp assortment (Must include Vise Grip V9R, V6R, V11R, V18R or equivalent)
6" needle nose pliers 7" diagonal
cutters
7" combination/slip joint pliers
9" arc/adjustable joint pliers
16" arc/adjustable joint pliers
7" electrical crimp/wire stripping/cutting pliers
High speed drill bit set (1/16"- ½"; Cobalt or Titanium 135 degree split point) Hood prop rod
***Charcoal Filter Respirator with organic vapor cartridges – for automotive refinishing (3M 7178, 7179 or equivalent brand)**
***Reusable Dust Respirator 3M brand 6191 small, 6291 med, 6391 large or equivalent brand** Allen wrench set (SAE)
Allen wrench set (metric)
Combination wrench set (metric 8mm-19mm)
Adjustable wrench 6"
Mechanics gloves
Magnetic pick-up tool
Utility Knife
Door trim removal tool kit (to include u and v-notch tools)
Oil filter wrenches – to fit most sizes
½" drive impact wrench with Lincoln style air fitting (Milton 791/792)
½" drive reversible (flip) impact wheel lug nut socket and extension (19mm&21mm)
½" drive socket set to include the following:
Ratchet
Extensions – 5" & 10" long
Universal joint
Breaker bar – 18"
Shallow metric sockets 10mm – 25mm ½" drive click type torque wrench (50-250 ft. lbs.)



3/8" drive socket set to include the following:

Ratchet

Extensions – 3", 6", 12" and 18" long

Universal joint

Shallow metric sockets 8mm – 19mm

1/4" drive socket set to include the following:

Ratchet

Extensions – 3" & 6" long

Universal joint

Shallow metric sockets 6mm – 12mm

***Soft sanding block – foam pad (Motor Guard SB-1 or equivalent)**

***14" rough (8 teeth per inch) curved tooth body file for filing body panels (Keysco 77347 or equivalent)**

***Handle for above file with screws – wood (Eastwood 31052) or adjustable aluminum handle (Keysco 77348)**

Aviation sheet metal snips – left, right and straight

***Dura-Block AF44L 7 pc. Sanding Block Kit**

***2 3/4"x5" rubber sanding block (3M preferred)**

***2 3/4" x 8" rubber sanding block (3M preferred)**

***Surform file (half round) – cheese grater**

***Short blunt picking hammer**

***Long pick hammer**

***Low crown (light) dinging spoon**

***General purpose dolly – must be solid**

***Heel dolly – must be solid**

Welding gloves

Gas welding goggles (#5 shade)

Rollaway tool cabinet not to exceed 34" in width (NO EXCEPTIONS)

Safety Shoes – Leather uppers/rubber soles (steel toe or composite recommended)

***Note: If these items cannot be supplied as part of the manufacturer's tool package, they can be purchased separately through one of the local auto parts store at a discount. Contact Collision Repair Instructor for details.**

Recommended Tools – NOT Required:

1/2" drive impact socket set (deep and shallow, SAE and metric)

Combination wrench set (SAE 5/16"-1")

1/2" drive shallow SAE sockets 3/8" – 1 1/8" 3/8" drive shallow

SAE sockets 1/4" – 7/8" 1/4" drive shallow SAE sockets

Dura-Block Sanding Blocks Kit (PSA type paper)

Rev. 5/2019