

## **Collision Repair Technology**

### **Required Tool List**

Safety glasses (OSHA approved)  
25 foot tape measure (std/metric)  
Ear protectors  
Fender cover  
Tire air inflation chuck with 1/4" Lincoln style air fitting  
Tire air pressure gauge  
Tire valve core remover  
Blow gun, non-restricted with 1/4" Lincoln style air fitting  
Flashlight with batteries  
Wire brush  
12" flat mill file  
10" round file 3/8"  
Scraper/putty knife 1" – Steel Blade  
Hack saw handle with blades  
Stethoscope  
12 volt test light  
Digital Multi-meter (volt-ohmmeter) Fluke 88  
16oz ball peen hammer  
3 piece pry bar set to include a 24" prybar  
Punch/chisel set, center, pin, starter, flat chisel  
Screwdriver set, flat blade (regular)  
Screwdriver set, Phillips  
Torx bit set for 1/4" and 3/8" drive (10t to 55t)  
Vise Grip locking pliers set to include needle nose type  
Vise Grip body panel clamp assortment  
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" - 1/2")  
Hood prop rod  
**\*Charcoal Filter Respirator with organic vapor cartridges – for automotive refinishing**  
Allen wrench set (SAE)  
Allen wrench set (metric)  
Combination wrench set (metric 8mm-19mm)  
Adjustable wrench 8"  
Mechanics gloves  
Magnetic pick-up tool  
Utility Knife  
Door trim removal tool kit (v-notch clip removal)

Oil filter wrenches – to fit most sizes

½” drive impact wrench with Lincoln style air fitting

½” drive reversible 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 – 19mm

½” drive click type torque wrench

¾” drive socket set to include the following:

ratchet

extensions – 3”, 6”, & 12” long

universal joint

shallow metric sockets 8mm – 19mm

sparkplug socket 13/16”

sparkplug socket 5/8”

¼” drive socket set to include the following:

ratchet

extensions – 2” & 4” long

universal joint

shallow metric sockets

**\*Soft sanding block – foam pad**

**\*14” rough curved tooth body file (vixen file) for filing body panels**

**\*Handle for above file with screws – wood or aluminum handle**

Aviation metal snips – left, right and straight

**\*6”x2 ¾” wood sanding board (clip type paper)**

**\*17 ½”x2 ¾” wood sanding board (clip type paper)**

**\*3”x5” rubber sanding block**

**\*3” x 9” rubber sanding block**

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

**\*Short blunt picking hammer**

**\*Long pick hammer**

**\*Low crown dinging spoon**

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

**\*Heel dolly – must be solid**

Welding gloves

Gas welding goggles

Rollaway tool cabinet **not to exceed 34” in length**

**\*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:**

½” drive impact socket set (deep and shallow, SAE and metric)

Combination wrench set (SAE 5/16”-1”)

½” drive shallow SAE sockets 3/8” – 1 1/8”

3/8” drive shallow SAE sockets ¼” – 7/8”

¼” drive shallow SAE sockets