

## **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 ¼” Lincoln style air fitting  
Tire air pressure gauge  
Tire valve core remover  
Blow gun, non-restricted with ¼” Lincoln style air fitting  
Flashlight with batteries  
Wire brush  
12” flat mill file  
10” round file 3/8”  
Scraper/putty knife 1”  
Hack saw with blades  
Stethoscope  
12 volt test light  
Digital Multi-meter – Fluke 88  
16oz ball peen hammer  
3 piece pry bar set to include a 24” pry bar  
Punch/chisel set, center, pin, starter, flat chisel  
Screwdriver set, flat blade (regular)  
Screwdriver set, Phillips  
Torx bit set for ¼” and 3/8” drive (10t to 55t)  
Vise Grip locking pliers set  
Vise Grip 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”- ½”)  
Hood prop rod  
Charcoal Filter Respirator with organic vapor cartridges  
Allen wrench set (SAE)  
Allen wrench set (metric)  
Combination wrench set (SAE 5/16”-1”)  
Combination wrench set (metric 8mm-19mm)  
Adjustable wrench 8”  
Mechanics gloves  
Magnetic pick-up tool  
Door trim removal tool (v-notch clip removal)

½” drive socket set to include the following:

- ratchet
- extensions – 5” & 10” long
- universal joint
- breaker bar – 18”
- shallow SAE sockets 3/8” – 1 1/8”
- shallow metric sockets 10mm – 19mm

½” drive click type torque wrench

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

- ratchet
- extensions – 3”, 6”, & 12” long
- universal joint
- shallow SAE sockets ¼” – 7/8”
- 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 SAE sockets
- shallow metric sockets

\*Soft sanding block

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

\*Handle for above file

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)

\*Short blunt picking hammer

\*Long pick hammer

\*Low crown dinging spoon

\*General purpose dolly

\*Heel dolly

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 manufacturers tool package, they can be purchased separately through one of the local auto parts store at a discount. Contact Collision Repair Instructor for details.**

**Suggested Tools – NOT Required:**

½” drive impact wrench with Lincoln style air fitting

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

½” drive reversible impact wheel lug nut socket and extension(19mm&21mm)

Revised 3/2009