IDAHO STATE UNIVERSITY

AUTO COLLISION REPAIR & REFINISHING

TOOL LIST

DESCRIPTION

See Instructor before purchasing.

Items in Red are mandatory for you to purchase to complete this program

- Rollaway toolbox-**maximum size 35" wide**. (Keep Extra key in your locker)
- **Pens and Pencils**
- 13" or 18" File belt sander (see below)
- 1/4" Drive sockets, 6- or 12-point standard length: 3/16" to 1/2".
- 1/4" Drive sockets, 6- or 12-point Deep length: 9/32" to 1/2".
- 1/4" Drive sockets standard length: 6 mm to 12 mm.
- 1/4" Drive sockets deep length: 6 mm to 12 mm.
- 1/4" Drive Phillips head bit #2.
- 1/4" Drive 3" & 6" Extensions.
- 1/4" Drive Ratchet Reversible 5" approximate.
- 1/4" Air/Battery Driven Ratchet. (Any Brand)
- 1/4" Drive Universal Swivel Joint Socket.
- 3/8" Drive sockets, 6- or 12-point standard length 9 mm to 19 mm.
- 3/8" Drive sockets, 6- or 12-point deep length 9 mm to 19 mm.
- 3/8" Drive sockets, 6- or 12-point standard length 5/16" to 7/8".
- 3/8" Drive sockets, 6- or 12-point deep length 3/8" to 7/8".
- 3/8" Drive 3" & 6" Extensions.
- 3/8" Drive Ratchet, Reversible 7" approximate.
- 3/8" Drive Universal Swivel joint socket.
- 3/8" Drive Phillips head bit #3.
- Open-end/box-end Wrenches: 7 mm to 19 mm.
- Open end / box end Wrenches 1/4" to 1".
- 8" Adjustable Wrench. (Crescent wrench)

- Allen Wrenches standard 7 key set: 5/64” to 1/4".
- Allen Wrenches Metric 7 key set: 1.5 to 10.
- Torx socket set: T-8 to T-55.
- High Speed Drill Bit set: 1/8” to 3/8”.
- Screw Driver sets: Standard & Phillips.
- Off set screw Drivers Standard & Phillips.
- Standard Combination Pliers.
- Needle-nose Pliers.
- 7” Heavy-duty Diagonal cutting pliers. (Wire Cutting pliers)
- 8” & 10” standard Vise Grip pliers.
- Pry bar, approximately 5/8” X 16” long.
- Aligning Drift Punch, 1/4” X 9”.
- Center Punch, 1/4” X 6”.
- Cold chisel, 1/2” X 6”.
- 1 ½” & 3” putty knifes.
- 3” X 17” Abrasive holder: “Long board” Velcro preferred (see below)
- 2 ¾ X 11” “Mini Sanding board” Velcro preferred
- 3” X 5” flexible sanding block.

These sanding blocks can be purchased as a kit see the pictures at the end

- Pick body hammer.
- autobody hammer set. Good Quality (e.g., Martin, Snap-On, Matco)
- Autobody Toe & heel dolly & all-purpose dolly. Good Quality (e.g., Martin, Snap-On, Matco)
- Light slapping spoon. Good Quality (e.g., Martin, Snap-On, Matco)
- ¾ lb. Ball Pein Hammer.
- 3 lb. cross pein sledge hammer.
- Hand wire brush.
- Hand wire brush (stainless steel) for aluminum repair
- Window & Door handle removal tool.
- Trim panel removal tools. (See picture below)

- Nylon anti-marring Trim panel removal tools (see below)
- Reveal molding clip release tool.
- Windshield wiper removal tool.
- Metal or plastic body filler spreaders, 1 set.
- Spreader/mixing board: buy this from a paint jobber (see below)
- 2” paint brushes, you will need at least two.
- Cartridge respirator P95 organic vapor for Painting, recommended 3M brand
- Paint Suit
- Razor blade holder w/50 blades (square razor blades).
- Blow gun: Must meet OSHA Standards.
- Male quick disconnect coupler: e.g., Milton 727, Am flow # CP21D.
- Several boxes of Nitrile Gloves will be needed throughout the whole program.
- Leather work gloves and or welding gloves.
- Earplugs: at least 1 set.
- Small flashlight with 1 extra set of Batteries.
- 1” Wide Gasket Scraper.
- Tape Measures standard & Metric.
- Drop light with covered bulb
- Paint Gun (See Instructor before purchasing, as there are several options)

Optional Tools for when you graduate

- 6” DA sander

Jobbers for body tools:

Industrial Finishes Idaho Falls
Wesco Idaho Falls
NCS Pocatello
NAPA Auto Parts Pocatello
Home Depot

Lowes
Snap-On
Matco
Mac
Cornwell

Auto body hammer set

(These can be purchased at major Jobbers, as well as amazon these are martin brand)







6” Pick Hammer

Tool cart options

(The top 2 are Harbor freight this is great option if you are looking to save some money)

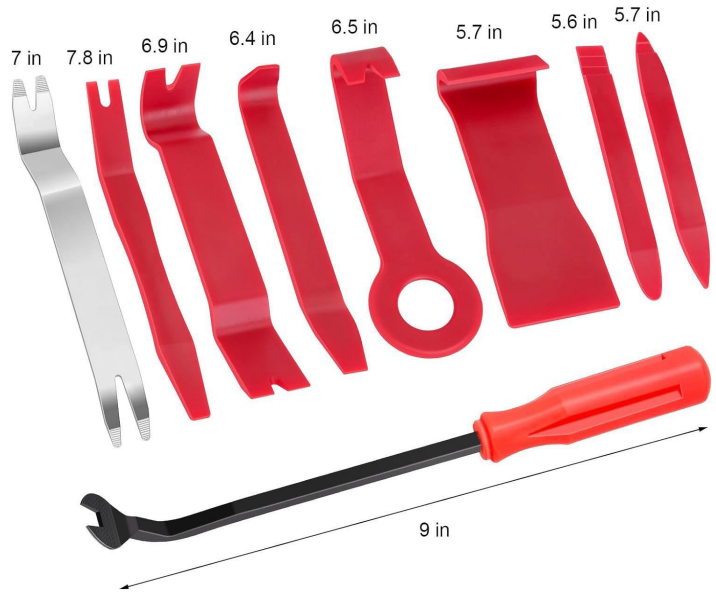








Trim Panel Tools



(Easily found at harbor freight or amazon)



nylon non marring

Sanding Block kit



Buy this off of amazon this is the cheapest place to get these.

Mixing Board



you can buy this one local in Pocatello at NCS



File Belt Sanders







