

Name\_\_\_\_\_Date\_\_\_\_\_Checked by\_\_\_\_\_

**IDAHO STATE UNIVERSITY**

**AUTO COLLISION REPAIR & REFINISHING**

**TOOL LIST**

**DESCRIPTION**

**See Instructor before purchasing.**

**Items in Bold are mandatory for you to purchase to complete this program**

- **Rollaway toolbox-maximum size 35" wide. (Keep Extra key in your locker)**
- **Laptop computer**
- **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 1/2" & 3" putty knives.

- **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

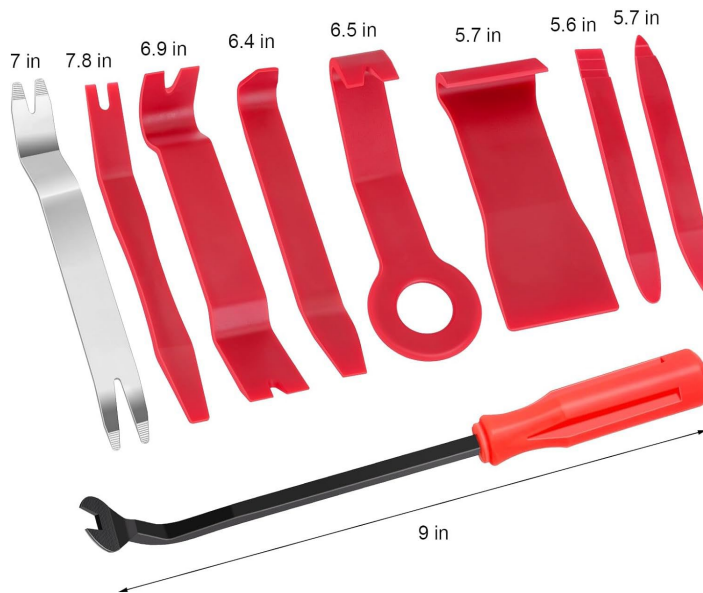
(The top 2 are Harbor freight this is great option if you are looking to save some money)



## Trim Panel Tools

(Easily found at harbor freight or amazon)

## Size & Different Designs



**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

