

COLLISION REPAIR TECHNOLOGY

Supplies and Materials to be Provided by each Competitor:

- Filming device for each contestant
- Proctor for each contestant
- PDR Light to confirm panel straightness
- Body tools
- Tools necessary to repair damage to a metal panel and two-sided repair to plastic bumper covers (files, dollies, spreaders, air grinders, sanders, sanding blocks)
- Respirator
 - Respirator for welding fume protection and solvents
- Air tool fittings
 - Quick coupler and male/female connectors
- Safety equipment
 - Eye protection, gloves, dust respirator, welding helmet, etc.
- Metal Working:
 - Fender Stands
 - Air hoses
 - Supply tables
 - Body filler
 - Spreaders
 - Mixing Boards
 - Assorted Sandpaper
 - Paper cleaning cloths
 - Spray cleaner
 - Rubber gloves
 - Disposable dust masks
- Welding
 - Welders – Mig welder, 110 or 220 in good working condition. Provide enough welders so all students may complete the assigned tasks.
 - Welding stands
 - Work bench
 - Paper cleaning cloths
 - Spray cleaner
 - Rubber gloves
- Plastic Repair
 - Work bench
 - Supply tables

- Spreaders
- Mixing boards
- 80, 180, 220, 6" DA paper
- Roloc disks
- Paper cleaning cloths
- Rubber gloves
- Disposable dust masks
- Nitrogen welders
- Plastic welding rods

Supplies and Materials to be Provided by SkillsUSA Florida:

- Fender, provided by Universal Collision Repair
- Sheet metal panels, approximately 20 per contestant, provided by ICAR
- Plastic repair materials, provided by 3M