

# Provincial Scope Document

## AUTOBODY COLLISION REPAIR (Post-Secondary 2021)

**Contest Length: 6.5 hours**

**Check in time: 7:30**

**Contest Start: 8:30**

### **Contest Sponsor:**

3M, Color Compass Corporation, Seattle Tools, Lincoln Electric, LKQ

### **Purpose of the Challenge:**

Assess the contestant's skills in performing various auto body repair tasks.

### **Skills & Knowledge to be tested:**

1. Sheet Metal Repair Project.
2. Plastics Repair
3. Frame Measuring and Damage Analysis.
4. MIG Welding Competition

### **Equipment / Tools / Supplies / Clothing:**

Provided by the organization:

- 110-volt power supply
- Compressed air and air control unit
- Air tools, hoses and connections
- MIG welding unit
- Work bench
- Protective equipment other than individual protective gear (dust masks, charcoal respirators, coveralls, welding masks, face shields, disposable latex gloves)
- Welding helmet
- Assortment of vice grips
- Tape measure in both metric and imperial at least 1" wide

- Tram gauges
- 3" or 4" air grinder
- Felt marker / pencil
- Body hammer
- Pick hammer
- Selection of dollies
- Metal file (vixen)
- Block sander
- Cheese grater or surform file
- Board sander
- Utility knife / razor
- Cold chisel
- Nose cutter pliers
- Heat gun

**Provided by the competitor:**

- CSA approved steel toe boots or shoes

**Safety Requirements:**

Safety awareness/requirements will be maintained at the minimum industry standards at all times. A contestant will not be allowed to compete without the safety equipment noted on this scope document.

**Point Breakdown / 1000 Total:**

Sheet Metal Repair	<b>300</b>
MIG Welding	<b>200</b>
Plastics Repair	<b>200</b>
Frame Measuring and Damage Analysis	<b>200</b>
<b>Total</b>	<b>900</b>

**Technical Committee:**

Rory Morrison	<a href="mailto:ror@reflectionstruckbody.com">ror@reflectionstruckbody.com</a>	Provincial Technical Chair (shared)
David Cross	<a href="mailto:dcross@vcc.ca">dcross@vcc.ca</a>	Provincial Technical Chair (shared)

Gold medal winners at the BC Skills Competition may be eligible to compete at the Canadian National Skills Competition \_\_\_\_\_.

**Skills Canada BC reserves the right to update contest information. Please check the website for changes.**

