

CORE Requirements: Collision Operation Repair Essentials

General Business Requirements

- Be in business for a minimum of (5) years, or possess verifiable credit rating and service history
- Provide proof of Garage Keepers Liability insurance with a minimum of \$1M (CAD) policy limit
- Provide customers with a Limited Lifetime Warranty
- Subscribe to an electronic p-page logic estimating system
- Be in compliance with Local, Provincial and Nationally legislated operating requirements including worker protection and hazardous waste disposal
- Measure customer satisfaction through a third-party service provider and report results monthly
- Utilize a preferred rental car provider or provide complimentary customer transportation
- Clean vehicle interiors and exteriors before delivery to customer
- A well-maintained customer parking area that is well-lit
- A professional, well-maintained customer reception, waiting, & restrooms

Advanced Material Repair Technical Capabilities

All of the following capabilities must meet the vehicle manufacturer's specifications according to year, make and model.

ProFirst Specialized Requirements

- Computer Workstations with internet connection for technicians, repair planners, parts staff
- Body & Frame fixturing: A universal fixture/jig holding system required. System must be capable of building fixtures or jigs to secure replacement structural components, welding and proper fitment of body panels during the repair process
- Two post surface lift with ≥ 6000 lbs. capacity
- Squeeze-type resistance spot welder (STRSW) with shunt clamp, and an assortment of spot welder attachment arms including: wheel arch, long reach arms. STRSW with $>10,500$ amp >400 kgf (882 lbf) clamp force
- Mig Brazing: Pulse control MIG welder for Mig Brazing (GMA) with 180 amp, 220 V with pulse control, to be used with silicon bronze wire and 100% argon gas for Pulsed MIG brazing. Must have ERCuSi-A/CuSi3 Silicon bronze wire & 100% argon shield gas
- Steel: MAG or MIG welder (GMA) with MAG Welding Filler Wire for High Strength Steel 590 to 980 Mpa, capable of holding 5 kg roll of .80mm diameter Mag filler wire. Strongly preferred shielding gas for MAG welding is C20 (80% Argon/20% CO2) but C25 (75% Argon/25% CO2) is acceptable. Must have Mag filler wire of ≥ 142 ksi (980 Mpa) minimum tensile strength
- Parts Carts must be utilized for all repairs. No storage of parts are permitting inside customer vehicles
- Honda i-HDS software and Vehicle interface device such as Honda Nano OR sublet to Honda or Acura dealer
- Honda & Acura Service Express subscription is provided by Honda Canada. Shop must show evidence of technician access to OEM service information
- Honda & Acura Canada Certified Collision Repair Training Courses

Suggested Additional Best Practices

- A designated welding fume extraction system

General Technical Repair Capability

- Meet the current Certified Collision Care technical training requirements and maintains ongoing technical

training by compliance to any one of the following options:

- Collision Performance Network Training & Skills Matrix
- I-CAR Gold Class
- Facility must employ Provincially registered (licensed) collision repair technicians at all times, meeting all Provincial requirements
- Subscribe to current OEM repair procedures and have the ability to provide documented proof of compliance
- Utilize a frame rack or dedicated/universal fixture bench with hydraulic equipment capable of making simultaneous, multiple body and/or structural pulls as necessary. Minimum of two 10-ton pulling towers are required for all systems
- Utilize an electronic three-dimensional vehicle measuring system
- Maintain a current data subscription for the measuring system being utilized
- Provide proof of technical training to operate the measuring system being utilized
- Utilize an R134a and R1234yf refrigerant (or current) recovery/ recycling system or proof of a qualified sublet provider
- Have the ability to conduct and verify four-wheel alignment either in-house or through a sublet provider
- Have the ability to remove, replace, and reinstall steering and suspension components, as well as engine and drive train units, or proof of qualified sublet provider
- Have a spray booth with forced drying capabilities
- Utilize an OEM approved refinishing system
- Provide proof of product training for the refinishing system being utilized
- Pressure-feed corrosion protection material application equipment with wand attachments for applying anti-corrosion materials inside body cavities with a 360-degree spray pattern
- Perform pre and post repair vehicle diagnostic scans on all vehicles as required by the vehicle manufacturer and retain proof of ALL post repair diagnostic scan results and calibrations including recalibration of all affected ADAS components performed as required by vehicle manufacturer (in-house or through a qualified sublet)
- Have a documented Quality Assurance/Quality Control System
- Provide proof of training on ADAS (Advanced Driver Assistance System) to demonstrate a general understanding of the purpose, operation, repair considerations, and parts
- Provide proof of training on EVs (Electric Vehicles) to demonstrate a general understanding of the system, safety, repair considerations, and parts

Steel/Ferrous Material Technical Repair Capability

- Have a dent removal/pulling system for steel panels that contains a stud welder, stud pins and washers, wiggle wire, and pulling attachments
- Proof of Steel GMA (MIG/MAG) Welding Certification from recognized industry source, current (not expired) Certificate
- Proof of Training or Certification in Silicon Bronze MIG Brazing from a recognized industry source



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