

Required Tools Equipment for ProFirst Certified Collision Repair Facilities

Item	Required For Body Repair	Required For Paint Repair	Minimum Specification	Recommended Brands/Notes
Collision Repair Tools & Equipment				
<i>NOTE: For initial shop assessment, focus on yellow highlighted items - Required to support high strength steel repair.</i>				
Body & Frame straightening equipment	X		6500 lb lifting capacity, 4 holding points minimum. Capable of straightening the body to factory specifications. Tolerances must allow proper body panel fit and suspension alignment without requiring extreme adjustments.	Car-O-Liner, Celette, Car Bench, Chief Frame bench is the preferred equipment. Frame rack acceptable if it meets minimum specifications.
Pulling equipment	X		10 ton	Car-O-Liner, Celette, Car Bench
Engine hoist	X			
Tire changer	X		Or must have access to a tire changer (sublet)	
Wheel balancer	X		Or must have access to a wheel balancer (sublet)	
Wheel alignment rack	X		Or must have access to an alignment rack (sublet)	
Wheel alignment measuring system	X		Or must have access to an alignment measuring system (sublet)	
Engine cart	X			
Two post surface lift	X			
Hydraulic press	X		Or must have access to a hydraulic press (sublet)	
Squeeze-type resistance spot welder	X		>9000 amp >350 kg (772 lbf) clamp force	Required by body repair manual Pro Spot, Car-O-Liner, Elektron
Spot attachment (wheel arch)	X			
Spot attachment (long arm)	X			
Pulse control MIG weld equipment	X		180 amp, 220 V with pulse control, used with silicon bronze wire (ERCuSi-A) and 100% argon gas for MIG brazing.	Required by body repair manual Elektron (MultiMig 522), ProSpot SP 1, 2 and 5; Car-O-Liner CMI273 and CMI273 twin Notes: 1. A collision Shop with a MIG Pulse Welder that meets the minimum specification also meets the requirements for MIG welding. 2. If shop has a MIG welder but you are not sure it has Pulse capability contact the manufacturer to determine this.
Silicon bronze wire for MIG brazing	X		ERCuSi-A/CuSi-3 Silicon bronze wire required for MIG brazing.	Required by body repair manual Must be used with pulse control MIG welder & 100% argon gas.

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MAG Wire for 590 to 980 Mpa steel	X		980 Mpa MAG welding wire required for welding 590-980 MPa steel parts. Wire must be ≥142 ksi (980 Mpa) minimum tensile strength. Required MAG welding shielding gas is C20 (80% Argon/20% CO ₂ Preferred). C25 (75% Argon/25% CO ₂ Acceptable)	<p>Required by body repair manual 11 lb. (5 kg) rolls may be ordered online from multiple vendors: Dealer Equipment & Services (DES) Canada p/n HWW-98008 https://www.techniciantools.net/</p> <p>Pro Spot Welding Systems p/n 50-7040 http://prospot.com/</p> <p>Honda & Acura Tool & Equipment Programs p/n PRO507040 https://honda.snaupon.com/HondaAcura/ NOTE: Bosch DS980J wire is no longer available but existing supplies of this wire may still be used by shops</p>

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Measuring system (jig measuring)	X		+/- 1 mm accuracy for X,Y and Z	
Spot drill / cutter	X		8,10 mm	
Washer welder / stud welder	X			
A/C recovery/recycle/charging station	X		Or must have access to an A/C machine (sublet)	
A/C electronic leak detector	X		Or must have access to an electronic A/C leak detector (sublet), Capable of detecting a leak of 1/2 ounce or less per year,meets SAE J2791 standard for R-134a refrigerant ,meets SAE J2913 standard for R-1234yf refrigerant	Robinair 22791, meets both current specs
High-pressure washer	X		Or must have another means for heavy cleaning	
Wheel dollies (Go-Jack)	X			
Porta power	X		4 and 10 ton	
Tram tracking gauge	X			
Dent removal tool	X	X		
Ruler / straight-edge	X	X		
Anti-rust splay gun	X	X		
Undercoat gun	X	X		
Dry guide coat	X	X		
Sealer remover attachment	X	X		
Sticker remover	X	X		
Slide hammer	X	X		
Body sealer gun	X	X		
Bumper stand	X	X		
Spray gun for primer				
Non contact heat monitoring system	X		Non contact (touchless)	Must not go over certain temperatures while heating aluminum or steel. There needs to be a means to test the temperature.
Welding masking paper	X			
Fire-retardant welding blankets	X		(a minimum of two per each GMA and STRSW machine/welder)	
<u>General Shop Equipment</u>				
Floor jack	X			
Technician access to OEM service information. (Complimentary Honda & Acura ServiceExpress subscription provided with ProFirst Certified)	X			
Air compressor	X	X	Adequate for shop size	
Air hose reel	X	X		
Bench grinder or hand held grinder	X			

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Battery charger	X			
Headlight tester	X		A means of aligning/aiming headlights	
Vice	X			
Vacuum cleaner	X			
Jack stand	X			
Belt sander	X		1/2" wide belt	
Large hammer	X			
Glass removal / installation set	X	X	OK if sublet glass work	
Trunk lid spring tool	X		Honda branded lid tool or other means of lid prop	
Hand riveter	X			
Torque wrench	X			
Extension electric power cord	X	X		
Coolant pressure tester	X			
Air tank	X			
Paint & Refinishing Equipment				
Paint booth		X		
Air dryer		X		
Paint station with measuring cup, scales		X	As required by paint supplier	
Color formula data		X		
Cart for masking paper		X		
Spray gun (for primer)		X		
Spray gun (for top coat)		X		
Spray gun (for clear coat)		X		
Spray gun washer		X		
Test piece paint booth			Preferred but not required	A means of sectioning off the inside of the paint booth so another person can paint a small part like a fender and not have to wait for the other painter to finish
Test piece dryer			Preferred but not required	A means of drying a test piece for color match
Bumper stand		X		
Tool cart (for pneumatic tool / polisher)		X	any mobile tool cart	
Polishing set		X		
Heat light		X		
Spray stand (hood / trunk)		X		
Spray stand (fender / door)		X		
Paint panel stand		X		
Agitator		X		
Air transformer		X		
Working table with spray gun stand		X		
Infrared ray light (IR lamp)		X		

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Digital paint thickness gauge		X		

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Technician Tools				
General hand tool set	X			
Hammer for body repair	X			
Dolly	X			
Chisel	X			
Spoon set	X			
Line chisel	X			
Hand saw (pneumatic)	X			
Disk grinder	X			
Vise grip set (standard set)	X			
Hand drill	X			
Measuring tape (convex)	X	X		
Clip remover	X	X		
Storage for removed parts (cart, box)	X	X		
Single action sander (disc sander)	X	X		
Double action sander (random orbital sander)	X	X		
Air duster gun	X	X		
Putty spatula	X			
Hand grinding file	X			
Kneading table (for putty)	X			
Door hinge wrench	X			
Rubber hammer	X			
Pneumatic / electric ratchet	X			
Pneumatic / electric impact gun	X			
Punch tool	X	X		
Putty spreader (rubber)	X	X		