



**Program Requirements:**

The GM Collision Repair Network (CRN) is a comprehensive certification program that takes into account the critical aspects of a collision repair. GM's rapid pace of evolving technology requires continuous improvement within the participating network to promote proper and safe repair of all GM vehicles.

All participating collision centers must be compliant with the GM Basic Program. To participate in the optional Internal Combustion Engine (ICE), and/or the Battery Electric Vehicle Basic (BEV), and/or GM Fleet (BrightDrop) specialty programs, collision centers must also meet all requirements for those programs listed in the sections below.

CRN Basic Program		
Requirements	Options	Notes/KPI
<b>GM Basic - Training</b>		
<input type="checkbox"/> I-CAR Gold status		Showing month and year of expiration
<b>GM Basic - Facility</b>		
<input type="checkbox"/> Business hours and phone number displayed on the exterior of the building		
<input type="checkbox"/> Maintain well-lit, clean customer parking/handicapped parking		
<input type="checkbox"/> Maintain professional/clean reception, waiting, and restroom areas		
<input type="checkbox"/> Spray booth with forced drying/curing system		
<b>GM Basic - Business Practices</b>		
<input type="checkbox"/> Customer communication	Email, Phone, Social Media, Text	
<input type="checkbox"/> Be in business for a minimum of (5) years, or possess verifiable credit rating and service history		
<input type="checkbox"/> Provide proof of Garage Keepers / liability insurance		Minimum \$1M policy limits
<input type="checkbox"/> Provide customers with a Limited Lifetime Warranty		
<input type="checkbox"/> Measure customer satisfaction through a third-party service provider		
<input type="checkbox"/> Utilize a preferred rental car provider or provide complimentary customer transportation		
<input type="checkbox"/> Subscribe to an Estimating System which includes access to GM Service Information (i.e., repair procedures) with the ability to provide documented proof of compliance	CCC Repair Methods, Mitchell Tech Advisor, Alldata, Collision SUN, Collision Repair Information, GMSi (General Motors Service Information), Repair Logic	
<input type="checkbox"/> Enroll in CollisionLink® Shop (free enrollment), install and enable Estimate Uploader Tool, and provide documented proof of compliance		Supports conquest programs
<input type="checkbox"/> <a href="#">AutoHouse Enrollment</a>		Strongly recommended
<b>GM Basic - Tools &amp; Equipment</b>		
<input type="checkbox"/> Completion of I-CAR course - Full-Frame Sports Utility Vehicles (SUV)		<a href="#">I-CAR Collision Repair of the 2021 General Motors (GM) Full-Frame Sport Utility Vehicles: 1 Hour Course.</a>
<input type="checkbox"/> Designated set of hand/specialized tools for aluminum to prevent cross contamination		Dedicated and stored separately
<input type="checkbox"/> Heat Monitoring System		Temperature crayons, stickers, or non-contact thermometer
<input type="checkbox"/> Crack and dye penetrant kit		Penetrant - Cleaner - Developer

<input type="checkbox"/>	Blind Structural Rivet Gun (BSR)		Electric or pneumatic; capable of pulling 1/4" structural rivets, with a minimum pulling force of 17 kn/3822 lbs.
<input type="checkbox"/>	Utilize a (208-240v) Pulse Synergic MIG welder		200 Amp Output capacity for aluminum MIG GMAW
<input type="checkbox"/>	Torque Wrench		Capable of reading in newton meters and pound feet, accurate from 10nm to 272nm
<input type="checkbox"/>	Coolant Pressure Tester		
<input type="checkbox"/>	Utilize a dent extraction system specifically designed for aluminum		
<input type="checkbox"/>	Paint booth / Paint forced curing system		
<input type="checkbox"/>	Paint thickness gauge for plastics		A paint gauge capable of accurately measuring paint film thickness on non-metal (plastic's) substrates which is nondestructive to the paint film
<input type="checkbox"/>	Paint thickness gauge - Ferrous (Steel) and Non-Ferrous (Aluminum) metals		The Defelsko Positector is the GM preferred tool. For all other tools, the shop must adhere to OEM repair procedures for tool capability
<input type="checkbox"/>	Paint System	AkzoNobel Coatings, Inc. Nexa, Autocolor, Axalta, Coating Systems, Octoral, BASF, PPG, Cromax, Sherwin-Williams, DeBeer, Spies Hecker, Martin-Senour, Standox Valspar	Paint must meet GM approved refinish materials GMW15406
<input type="checkbox"/>	Dedicated mix room		Must have exhaust system and spill containment compliant with federal, state and local regulations. Paint mixing rooms must comply with state and federal OSHA and EPA requirements
<input type="checkbox"/>	Frame Aligning Equipment / Frame Rack		Capable of supporting 7000 lbs. 4 holding points minimum for both unitized bodies and full frame vehicles
<input type="checkbox"/>	Measuring System		3-dimensional electronic measuring system with a current software subscription
<input type="checkbox"/>	Squeeze Type Resistance Spot Welding (STRSW) Equipment		220-volt, three phase. Minimum 350daN. Minimum 12000 amps Requires auto setting type <b>SMART</b> technology weld confirmation capabilities with GM specific software (if applicable)
<input type="checkbox"/>	Shunting Clamp		Please ensure you provide proof of the approved GM software ID listed with the STRSW if applicable
<input type="checkbox"/>	MIG/MAG weld equipment		208V-240V, 180 amp output capability
<input type="checkbox"/>	MAG weld wire	Mag wire (ER70S-3 OR ER70S-6 is required Wire diameter can range from .023" -.035)	
<input type="checkbox"/>	MIG Brazing Welder	208V-240V, 180 amp output capability	May use required steel or aluminum welder with proof of separate and dedicated conductor/torch assembly, drive rolls, and gas for silicon-bronze MIG-brazing
<input type="checkbox"/>	MIG Brazing Wire	Mig wire ER CuSi-A or CuSi-3 is required	Diameter can range from 0.8 mm to 0.9 or .030 to .035
<input type="checkbox"/>	Aluminum MIG Welder		208V-240V Pulse MIG Welder, 200 Amp output capability
<input type="checkbox"/>	Aluminum MIG Wire	Mig pulse wire must be 5554 alloy	Diameter can range from 0.9mm to 1.2mm or .035 to .047)
<input type="checkbox"/>	Shielding Gases		Steel Welding - Argon/CO2 80/20% mix preferred 75/25 mix accepted MIG Braze - Argon 100% Aluminum MIG - Argon 100%
<input type="checkbox"/>	Equipment to perform test welds/destructive tests	Vertical and overhead welding	Recommended
<input type="checkbox"/>	Bench mounted vise		Stand capable of holding samples to perform vertical and overhead test welds. Stationary vise for destructive testing of welds. Vernier caliper or equivalent tools for measuring destructive weld samples

<input type="checkbox"/>	Dent Removal Pulling System for Steel		Separate from aluminum dent pulling tools
<input type="checkbox"/>	Dent Removal Pulling System for Aluminum		Utilize a dent extraction system specifically designed for aluminum to prevent cross-contamination
<input type="checkbox"/>	Digital temperature equipment		Non-contact equipment required
<input type="checkbox"/>	A/C recovery / recycle / charging station for R134a and R1234YF		Compliant with all current regulations
<input type="checkbox"/>	A/C Electronic Leak Detector		Leak detection tool is required if the collision center performs IN-HOUSE R-134a and R1234YF recharging/recovery/recycling
<input type="checkbox"/>	Battery Charger - 12v		Smart charger capable of monitoring and maintaining dedicated battery
<input type="checkbox"/>	Battery Load Tester	Load testing and battery analyzing capability	Sublet scanning provider must have load testing and battery analyzing
<input type="checkbox"/>	Two or Four post lift		Minimum lifting capacity of 7,000 lbs.
<input type="checkbox"/>	Coolant Pressure Tester		Not required if work is sublet
<input type="checkbox"/>	Wheel Alignment Rack		Not required if work is sublet
<input type="checkbox"/>	Wheel Alignment Measuring System		Not required if work is sublet
<input type="checkbox"/>	Engine Cart		Not required if work is sublet
<input type="checkbox"/>	Engine Hoist		Not required if work is sublet

**\*Diagnostic Scan**

**\*Not all scan tools or software read all DTC codes. Please refer to GM's Position Statement on scanning and tools GM supports found here:**

<https://www.gmparts.com/technical-resources/position-statements>

**\*If you sublet your scanning and calibration work out to a 3rd party please ensure that they follow the below protocol.**

<https://www.acdelcotds.com/subscriptions#>

<input type="checkbox"/>	GM Approved Scan/Calibration Options	GM MDI 2	Utilizes GDS2 and/or Tech2Win Runs GDS2 locally (on a computer on-site with the vehicle)
		AirPro Diagnostics	Utilizes GDS2 and/or Tech2Win Runs GDS2 locally (on a computer on-site with the vehicle)
		Drew Technologies/ OPUS IVS	Utilizes GDS2 and/or Tech2Win Runs GDS2 locally (on a computer on-site with the vehicle)
		Mitchell Diagnostics (MD-OEM)	Utilizes GDS2 and/or Tech2Win Runs GDS2 locally (on a computer on-site with the vehicle)
		Mitchell Diagnostics (MD-OE22)	Runs GDS2 and/or Tech2Win Remotely Utilizing the Multiple Diagnostic Interface 2 (MDI-2)
		AsTech	Utilizes GDS2 and/or Tech2Win Runs GDS2 and/or Tech2Win remotely (on computer in asTech® data center)

**BEV Basic Program**

**BEV Basic -Tools & Equipment**

<input type="checkbox"/>	On-vehicle HV signage/other HV visual identifiers		
<input type="checkbox"/>	Electric charging station		Preferred level 2 or greater
<input type="checkbox"/>	Insulated hand tools		
<input type="checkbox"/>	Electrical safety rescue hook		
<input type="checkbox"/>	Certified Class 0 insulated lineman's gloves		Certified and current
<input type="checkbox"/>	Frame Rack/Fixture Bench		9,200 lbs. capacity
<input type="checkbox"/>	GM Electronic Service Information (GM eSI) Subscription		Discounted cost
<input type="checkbox"/>	Two or Four Post Surface Lift		Minimum 10,000 lb recommended. Scissor lifts acceptable

BEV Basic -Training		
<input type="checkbox"/>	GMC Hummer Electric Vehicle (EV)	I-CAR certificate of completion. Minimum one technician per class.
<input type="checkbox"/>	Introduction to Electric Vehicles	
<input type="checkbox"/>	Electrical Theory	
<input type="checkbox"/>	EV Initial Inspection and Handling	
<input type="checkbox"/>	Understanding High Voltage Safety	
<input type="checkbox"/>	EV Damage Analysis Course	
<input type="checkbox"/>	GM BEV Basic Training Package	
<b>NOTE: EV collision repairs can be performed at a certified GM BEV Basic collision center. Electrification work must be completed at a GM EV dealer.</b>		

GM Fleet - BrightDrop		
GM Fleet -Tools & Equipment		
<b>GM Fleet will require compliance with all GM Basic and BEV Basic tool, equipment, and training</b>		
<input type="checkbox"/>	Minimum 15,000 lb. 3-stage/Max Reach hoist	At least 74 inch max reach arms capacity
<input type="checkbox"/>	10 foot entry	Garage door minimum height of 10 ft.
<input type="checkbox"/>	9,200 lb. Frame Rack/Fixture Bench	Recommend vehicles are empty prior to repair Capable of accomodating 19 ft wheel base
<input type="checkbox"/>	Large aluminum work area	30 ft long 15 ft wide 450 sq ft
<input type="checkbox"/>	Utilize an immersion type, wet mix dust extraction system or pneumatic	Required for structural aluminum repair
<input type="checkbox"/>	AGM Compatible 12V Charger and Tester	
<input type="checkbox"/>	High Voltage EV Charger	Prefer level 2 or greater
<input type="checkbox"/>	GM approved self piercing riveter	<a href="#">GM X-Press 800 with W&amp;S RS-17 Die Kit</a> ProSpot with the ProSpot SA-9028 Die Kit
<input type="checkbox"/>	Countersink Cutter Kit	<a href="#">GM Countersink Cutter Kit - WS 617241</a>
<b>NOTE: BrightDrop EV collision repairs can be performed at a certified GM Fleet collision center. Electrification work must be completed at a GM EV Fleet dealer.</b>		

Cadillac CT6 Program		
Cadillac CT6 -Tools & Equipment		
<input type="checkbox"/>	Cadillac CT6 fixture/holding sets	Universal fixturing is acceptable
<input type="checkbox"/>	Aluminum Work Area (Dedicated)	Minimum Curtain: 23'L x 12'W x 8'H
<input type="checkbox"/>	Utilize an immersion type, wet mix dust extraction system or pneumatic	Required for structural aluminum repair
<input type="checkbox"/>	Countersink Cutter Kit	<a href="#">GM Countersink Cutter Kit - WS 617241</a>
<input type="checkbox"/>	<a href="#">Cadillac CT6: Wielander &amp; Schill Express 800 Rivet Gun with RS-10 kit</a>	CT6 only for structural repair. Restricted parts released to repairers who have the WS Rivet Gun <a href="#">Must include W&amp;S RS-10 die kit</a>
Cadillac CT6 - Training		
<input type="checkbox"/>	Training & Certification - Aluminum GMA (MIG) Welding	I-CAR certificate of completion. Minimum two structural technicians

Corvette C8 Program		
Corvette C8 -Tools & Equipment		
<input type="checkbox"/>	Chevrolet Corvette C8 fixture/holding sets	Universal fixturing is acceptable
<input type="checkbox"/>	Aluminum Work Area (Dedicated)	Minimum Curtain: 23'L x 12'W x 8'H
<input type="checkbox"/>	Utilize an immersion type, wet mix dust extraction	Required for structural aluminum repair
Corvette C8 - Training		
<input type="checkbox"/>	Collision Repair of the 2020 GM Corvette C8	I-CAR certificate of completion. Minimum two structural technicians
<input type="checkbox"/>	Training & Certification - Aluminum GMA (MIG) Welding	I-CAR certificate of completion. Minimum two structural technicians

*Acronym Key		
<input type="checkbox"/>	ICE - Internal Combustion Engine Vehicles	
<input type="checkbox"/>	BEV - Battery Electric Vehicles	
<input type="checkbox"/>	CRN - Certified Repair Network	
<input type="checkbox"/>	ADAS - Advanced Driver Assistance System	

*Help & Resources		
I-CAR		<a href="https://info.i-car.com/network-programs/oem/GM">https://info.i-car.com/network-programs/oem/GM</a>
RepairLogic		<a href="https://oeconnection.com/products/repairlogic/">https://oeconnection.com/products/repairlogic/</a>
GM Technical Support		<a href="mailto:gmcollision.techsupport@gm.com">gmcollision.techsupport@gm.com</a>
Database Enhancement Gateway (DEG)		<a href="https://degweb.org/">https://degweb.org/</a>
General Motors CRN Program		<a href="https://www.gmparts.com/technical-resources/collision-repair-network">https://www.gmparts.com/technical-resources/collision-repair-network</a>
CRN - Certified Repair Network		Mitchell Cloud™ Estimating: <a href="https://www.mitchell.com/cloud-estimating">https://www.mitchell.com/cloud-estimating</a>
CollisionLink® Estimate Uploader Tool		<a href="https://collisionlinkshop.com/AgentInstallers/3.193.2.0/setup.exe">https://collisionlinkshop.com/AgentInstallers/3.193.2.0/setup.exe</a>
My GM Partner Perks Program Info		800-253-3428 or <a href="https://www.mygmpartnerperks.com">https://www.mygmpartnerperks.com</a>
GM CRN Support		<a href="mailto:gmcollisionrepairnetwork@gm.com">gmcollisionrepairnetwork@gm.com</a>
OEC Support		Phone number: (949) 272-3830; Email: gm-crn@oeconnection.com

**\*GM reserves the right to modify, amend, suspend or alter the CRN Program, at any time an its sole business discretion.**