



General and T&E 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 safe and proper repair of all GM vehicles.

The below prerequisites are required to join any segment of the GM Collision Repair Network (excluding Brightdrop)

Overall GM Program Prerequisites

General Tooling/Customer Service/Training Requirements		
☐	1	Be in business for a minimum of (5) years, or possess verifiable credit rating and service History. Shops that have been in business for <u>less than</u> 5 years verify that you have and will maintain good credit standing with your suppliers. You may provide 2 vendor references and a bank reference, or a D&B report or other acceptable proof of timely handling of your business payable obligation
☐	2	Provide proof of General Garage Liability Insurance with a minimum of \$1M policy limits including Garage Keepers coverage
☐	3	Provide customers with a Limited Lifetime Warranty
☐	4	Subscribe to an Information Provider which includes access to GM Service Information (i.e., repair procedures) with the ability to provide documented proof of compliance
☐	5	Enroll in CollisionLink® Shop (free enrollment) install and enable Estimate Uploader tool and provide documented proof of compliance.
☐	6	Maintain I-CAR Gold Class which includes a representative that meets requirements in the following areas: Estimator, Non-Structural, Steel Structural, Refinishing Technician training shall be in accordance with I-CAR latest requirements.
☐	7	Measure customer satisfaction through a third-party service provider
☐	8	Utilize a preferred rental car provider or provide complimentary customer transportation
☐	9	Maintain well-lit, clean customer parking
☐	10	Maintain professional/clean reception, waiting, and restroom areas
☐	11	Detail vehicle both inside and out before delivery to customer
☐	12	Paint booth / Paint forced curing system - Meets the specifications of utilized GM approved refinish system - No GM specific length x width https://www.genuinegmparts.com/collision-auto-body-parts/auto-paint-touch-up#gmgpAccordionHeader4
☐	13	Paint mil thickness gauge capable of reading Ferrous (contains iron or steel), Non-Ferrous (does not contain iron or steel), and plastic substrate materials. - The Defelsko Positector is the GM preferred tool - For all other tools, the shop must adhere to OEM repair procedures for tool capabilities.

☐	14	Paint System of Collision Center's Choice Utilize a General Motors approved refinishing system as outlined below Globally Approved Refinish Materials (For full details, please reference GMW 15406 which can be found in the www.genuinegmparts.com website) and provide proof of current product training. AkzoNobel Coatings, Inc. Nexa Autocolor Axalta Coating Systems Octoral BASF PPG Cromax Sherwin-Williams DeBeer Spies Hecker Martin-Senour Standox Valspar
☐	15	Measuring System 3D electronic measuring system or fixture bench system, +/- 1 mm accuracy for x,y and z, with current software subscription
☐	16	Squeeze Type Resistance Spot Welding (STRSW) Equipment 220-volt, three phase - Minimum 350 daN - Minimum of 12000 amps - Requires auto setting type SMART technology weld confirmation capabilities with GM specific software (if applicable)
☐	17	Shunting Clamp
☐	18	MIG/MAG weld equipment 208V-240V, 180 Amp output capability.
☐	19	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.
☐	20	Aluminum MIG Welder 208V-240V Pulse MIG Welder, 200 Amp output capability.
☐	21	Shielding Gases - Steel Welding - Argon/CO2 80/20% mix - MIG Braze - Argon 100% - Aluminum MIG - Argon 100%
☐	22	Designated equipment to perform test welds Must have the capability to clamp test welds materials vertically and overhead
☐	23	Designated equipment to perform destructive weld tests Tools for destructive testing of welds must include at least (1) a stationary vise and (2) vernier caliper or weld gauge
☐	24	Dent Removal Pulling System for Steel
☐	25	Dent Removal Pulling System for Aluminum
☐	26	Have a designated set of hand/specialized tools for aluminum to prevent cross contamination. - Must have hammers & dollies, body files and mechanical locking pliers ("vise grips"). 4-5 different pairs of locking pliers are required as needed to perform component replacement - Dedicated, stored separately
☐	27	Heat Monitoring System Temperature crayons, stickers, or non-contact thermometer
☐	28	Crack and dye, penetrant kit Penetrant/Cleaner/Developer

☐	29	Utilize an immersion type, wet mix dust extraction system or pneumatic vacuum system dedicated to aluminum as outlined in General Motors Tool & Equipment list
☐	30	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 or a blind/structural rivet tool attachment or adaptor for an SPR capable of 17 KN / 3822 LBS pulling Force.
☐	31	Torque Wrench Capable of reading in newton meters and pound feet, accurate from 10nm to 272nm (7 lb./ft to 250 lb./ft) - annual calibration recommended
☐	32	A/C recovery / recycle / charging station for R134a and R1234YF Compliant with all current regulations SAE J2210 OR J2788 compliance label required for R134a or SAE J2843 compliance label required for R1234yf
☐	33	A/C Electronic Leak Detector SAE J1627 or J2791 standard for R134a. SAE J2913 standard for the R1234yf refrigerant
☐	34	Battery Charger - 12v Smart Charger capable of monitoring and maintaining dedicated battery voltage.
☐	35	Battery Load Tester Load testing and battery analyzing capability. Sublet scanning provider must have load testing and battery analyzing capability.
☐	36	Utilize one of the following GM Approved Scan/Calibration Options - GM MDI 2 - AirPro Diagnostics - Drew Technologies/ OPUS IVS - Mitchell Diagnostics - asTech For more information, see the Diagnostic Scan Tools Section

The additional below items are required, unless the work is sublet. **Proof of previous sublet may be required.**

Additional Required Equipment (unless sublet)		
☐	1	Wheel Alignment Rack with Measuring System
☐	2	Wheel Balancer
☐	3	Tire Changer
☐	4	Engine Cart
☐	5	Engine Hoist

After meeting the above requirements to be eligible to join the GM CRN, your shop is eligible to enroll in as many GM Certifications as you wish. Each Certification is described below, followed by the tooling requirements for each section.

ICE Basic Certification

The ICE Basic Certification allows shops to work on all models of ICE vehicles, with the exception of the Cadillac CT6 and Corvette C8. Please see below the additional requirements to obtain the ICE Basic Certification.

ICE Basic		
☐	1	Fixture Bench/Frame Rack See list of GM approved frame equipment for ICE Specialty
☐	2	Frame and unitized body mounting and anchoring 4 holding points minimum for both unitized bodies (pinch weld) and full frame vehicles (vise style)
☐	3	Dedicated Aluminum Work Area Minimum area - curtained or clean room: 23'L x 12'W x 8'H
☐	4	Coolant Pressure Tester

ICE Specialty Certification

The ICE Specialty Certification allows shops to work on and order parts for the Cadillac CT6 and Corvette C8. In order to obtain the ICE Specialty Certification, shops must meet ICE Basic requirements and the following ICE Specialty requirements. A shop has the ability to become C8 Certified, CT6 Certified, or both.

ICE Specialty		
☐	1	Pass the I-Car C8 1 Hour course
☐	2	Fixture Bench/Frame Rack See list of GM approved frame equipment for ICE Specialty
☐	3	Frame and unitized body mounting and anchoring See list of GM approved frame equipment for ICE Specialty
☐	4	Utilize a (208-240v) Pulse Synergic MIG welder with 200 Amp output capability for aluminum MIG GMAW as outlined in General Motors Tool & Equipment List
☐	5	Cadillac CT6: Wielander & Schill Express 800 Rivet Gun with RS-10 kit
☐	6	Countersink Cutter Kit https://gmdesolutions.com/item-detail.aspx?itemid=125340490&type=equipment

BEV Basic Certification

The BEV Basic Certification allows shops to work on all models of BEV vehicles, with the exception of the Cadillac Celestiq. Please see below the additional requirements to obtain the BEV Basic Certification.

BEV Basic		
☐	1	Pass I-CAR General Motors Company (GMC) Hummer Electric Vehicle (EV): 1 Hour Course
☐	2	Fixture Bench Minimum Requirement 9,200 lbs
☐	3	Frame and unitized body mounting and anchoring • 4 holding points minimum for both unitized bodies (pinch weld) and full frame vehicles (vise style)
☐	4	Two or Four Post Surface Lift • Min 10,000 lb lift capacity
☐	5	On-Vehicle Signage or other visual identifiers to warn that High voltage is present
	6	Certified Class 0 insulated lineman's gloves • Unexpired and undamaged
☐	7	Electrical safety rescue hook
☐	8	Insulated hand tools
☐	9	Electric charging station
☐	10	Active subscription to GM eSI • \$900 for CRN members (25% Discount off MSRP) • Provide proof of active subscription Visit acdelcotechconnect.com

Recommended Items (All Certification Types)

Training & Equipment		
☐	1	ADAS Training
☐	2	ICAR Collision Repair of the 2021 General Motors (GM) Full-Frame Sport Utility Vehicle: 1 Hour Course
☐	3	ICAR Collision Repair of the 2020 GM Silverado and Sierra 2500 and 3500 HD: 1 Hour Course
☐	4	ICAR Collision Repair of the 2021 General Motors (GM) Full-Frame Sport Utility Vehicle: 1 Hour Course
☐	5	BEV Charging Station

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.genuinegmparts.com/pdf/positionstatements/pre-post-scan-collision-vehicles.pdf>

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#>

Diagnostic Scan Tools

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	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)

Resources	
I-CAR	www.i-car.com/s/
General Motors CRN Program	www.genuinegmparts.com/for-professionals/general-motors-collision-repair-network
Common Estimating Systems	Mitchell Cloud™ Estimating: https://www.mitchell.com/cloud-estimating CCC® ONE Estimating: https://ccc-one/estimating/ Audatex Estimating: https://try.audatex.us/collision-estimating/
CollisionLink® Estimate Uploader Tool	https://collisionlinkshop.com/AgentInstallers/3.193.2.0/setup.exe
VeriFacts Support	Toll-free number: 888-619-2735 Email: GM-Network@verifactsauto.com

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