



Minimum Certification Requirements

General Business Requirements

- In business for a minimum of five years, or verifiable credit rating and service history
- Garagekeepers liability insurance with a minimum of \$1M policy limit
- General liability insurance
- Local, state and federal government regulatory requirements

Customer Handling Requirements

- Stated dress code for production and administrative personnel
- Alternative Transportation with policies explained
- Forecast date for completion of repairs
- Ongoing communication with customers regarding repair status
- Detailed explanation of work completed on vehicle
- Contact customers within five days of vehicle redelivery
- Customer Satisfaction Survey process

Facility Requirements

- Capacity to maintain 10-day key-to-key repair time
- Exterior of building is well-maintained
- Secure area for customer vehicles
- Professional outdoor signage with Company information
- Clearly designated parking
- Clean/neat customer reception with sufficient seating
- Customer-only, well-maintained restrooms
- Wi-Fi® in customer reception/waiting area

Workshop Requirements

- Separate bay for estimates and final inspections with a two-post vehicle lift that can raise 7,000 lbs. minimum
- Defined workshop bays
- Workspace lighting at a minimum of 750 lux
- Paint mixing room conforms to local, state and national requirements
- One downdraft or crossflow paint booth capable of low-bake/force-dry operations
- Paint booth daylight-corrected lamps with a lux of 1,000 or greater
- Ability to refinish high-roof vans; door/entrance height of at least 10 ft. and inner ceiling height of at least 12 ft. (or sublet)
- Paint thickness gauge(s) capable of ferrous, non-ferrous and plastic substrates
- Workshop cleaned regularly and written process in place to monitor cleaning activity
- Collision Center check sheet to identify vehicle damage, mileage, etc.
- Portable equipment is stored in a secure area in workshop
- Safety Data Sheets (SDS)
- Access to OE repair procedures with printing capabilities
- Defined and documented vehicle repair process

Warranty of Repair

- Limited lifetime warranty for the repaired area of customer vehicles



Data sharing / Information Technology

- Ability to provide requested Ford and Lincoln vehicle estimate data explained in the FCCN Operating Standards
- Follow Connected Vehicle Cloud (CVC) safeguards as identified in the FCCN Operating Standards
- Company-specific website

Estimating System and Equipment Specifications

- Approved estimating system (CCC, Mitchell, Audatex)
- Diagnostic scan tool or sublet
- Parts orders through the authorized Ford dealership via OEC CollisionLink or OPSTRAX
- Approved OE paint systems (PPG, Axalta, BASF, AkzoNobel, Sherwin-Williams or Valspar)
- Frame rack/bench system with anchoring and tooling, minimum 7,000 lbs. lift capacity
- Electronic 3D measuring system with printout, or dedicated fixture bench with documentation
- Equipment maintenance cycle

Steel/Ferrous Material Technical Repair Capability

- 220-volt, three-phase inverter-type (or functionally equivalent hybrid) squeeze-type resistance spot welder (STRSW) capable of producing a minimum of 600 lbs. (267 daN) of clamping force and 10,000 amps of current at the electrodes
- 180-amp, 220-volt MIG/MAG welder for steel fusion
- Dent removal/pulling system for steel panels that contains a stud welder, stud pins, and washers and pulling attachments

Aluminum Repair Requirements/Non-Ferrous

- Work separation system that isolates aluminum vehicles from vehicles undergoing steel repairs – separation can be separate room or curtain system, minimum of 450 sq. ft.
- Immersion-type wet mix dust extraction system, or pneumatic (air-operated) vacuum system dedicated to aluminum dust removal; the system can be portable or centrally installed
- Approved SPR riveting system
 - Car-O-Liner PNP90 (6-ton)
 - Car-O-Liner PNP90 XT2 (10-ton)
 - Cebora CMO SPR Gun
 - Henrob Self-Pierce Riveting Removal and Insertion Repair Kit

- Chief PNP90
- Chief PNP90 UN 2.0
- ProSpot PR-5
- Spanesi SPR Gun
- TKR Group PNP90 UN 2.0 (6-ton)
- TKR Group PNP90 SNW XT (10-ton)
- TKR Group VAS 6790 (6-ton)
- Wielander and Schill XPress 800
- Blind/structural rivet tool SPR attachment, or stand-alone blind/structural rivet tool with 14.2 KN/3,192 lbs. pull force
- Designated set of aluminum hand/special tools specifically for aluminum vehicles to prevent cross contamination with steel body vehicles
- Dent extraction system specifically designed for aluminum that contains an aluminum stud welder, heat gun, non-contact digital thermometer
- 220-volt MIG pulse welder specifically for aluminum
- 5554 alloy welding wire, 1.2mm/.047 inches diameter
- Rivet nut thread setter kit

Battery Electric Vehicle (BEV) Tools/ Equipment Recommendations

- HVB Lift Table
 - Minimum 60" x 30" table surface
 - 3,000-lb. lift capacity
 - 9" ground clearance
 - Engine Crane
 - 1-ton minimum capability
 - Leg height cannot exceed 9"
 - High-Voltage Battery Lifting
 - Used with engine crane
 - EV Vehicle Lifting – Vehicle Lift
 - 7,000 lb. – 12,000 lb.
 - Two-post
 - Above-ground or in-ground
 - EV Vehicle Lifting – Hoist Adapter Pads**
- **Collision repairers that do not have the HVB removal tools and equipment must work with a Ford or Lincoln Electric Vehicle Certified Dealer for HVB removal.



Battery Electric Vehicle (BEV) Personal Protective Equipment Requirements

- Personal Protective Equipment
 - High-Voltage Gloves
 - On-Vehicle Signage
 - Electrical Safety Rescue Hook

Advanced Driver Assistance Systems Requirements

To meet Advanced Driver Assistance Systems (ADAS) Calibration certification requirements, choose one of the options below:

- Option One: In-house ADAS calibrations using a dedicated, certified ADAS Calibration Technician who has completed the Ford Certified ADAS Calibration training provided by I-CAR
- Option Two: Work with an FCCN-certified third-party provider who has completed the Ford ADAS requirements‡

‡ In-house Technician not required to complete course if subletting ADAS calibration.

Glass Installation Requirements

To meet Ford Glass Installation certification requirements, choose one of the options below:

- Option One – In-House
 - Complete the Ford Glass installation requirements with a dedicated, glass installation Technician
- Option Two – Sublet
 - Work with a Ford Certified Glass Network third-party provider who has completed the Ford Glass Installation Requirements

Training

- Collision Center requirement: I-CAR® Gold Class®
- Additional Ford requirements via I-CAR.com (click myI-CAR® login)
 - Aluminum GMA (MIG) Welding Certification*
 - Ford Aluminum Body Structural Repair*
 - Hybrid Vehicle Identification and Damage Analysis†
 - Hybrid, Electric and Alternative Fuel Vehicle Service†
 - Ford Service Information Navigation for Collision Repair†
 - Ford Battery Electric Vehicle (BEV) Components and Operation†
 - Understanding High-Voltage Safety†

- Ford Mach-E Training Overview†
- Ford High Voltage Systems Safety†
- Ford Intro to HV Battery Service for Collision Repair†

- Ford Certified ADAS requirements via I-CAR.com (click myI-CAR® Login)
 - Introduction to Diagnostics and Scan Tools*†
 - ADAS and Convenience Systems Overview and Service*†
 - Understanding OEM Procedures and How to Locate Them*†
 - Damage Analysis of Driving Assist Systems and Part Replacement*†
 - Requirements and Considerations for Achieving an Accurate ADAS Calibration*†
 - Understanding Vehicle Communication Networks*†
 - Damage Discovery for ADAS Sensor Mounting Locations*†
 - Calibration Requirements for Blind Spot and Parking Assist Systems*†
 - Camera Calibration, Inspection and Initialization Requirements*†
 - Post Repair Advanced Driver Assistance Systems Requirements*†
 - ADAS Diagnostics – When the Calibration Fails*†
 - Ford IDS for Collision Repair*†
 - Ford Diagnosis and Repair System (FDRS) for Collision Repair*†
 - Ford ADAS Repair Calibration*†
 - Ford Advanced Driver Assistance Systems*†
 - Ford Diagnosing ADAS-Related Concerns*†
 - Workshop: Ford Two-Day Hands-On ADAS Service and Diagnosis*†

* Must be completed by a minimum of one Technician.

† Must be completed by the same Technician.