



COLLISION REPAIR PROFESSIONALS: STEEL STRUCTURAL TECHNICIAN



A Steel Structural Technician restores vehicle dimensions and integrity to collision damaged vehicles. He or she uses three-dimensional measuring and straightening equipment to diagnose damage and return damaged frame or unibody parts to manufacturer's specifications. Hand tools and power tools are used to remove or repair damaged parts, weld as needed, and properly install new parts. This individual also works with a variety of metals and plastics, as well as glass, electrical, and mechanical parts.

To be recognized as an I-CAR Platinum Individual® in the Steel Structural Technician role, you must fulfill training requirements for each I-CAR® ProLevel™ before your renewal date in the year specified below. This document provides a partial list of training options to fulfill knowledge areas. For a comprehensive list of options, reference the Training Planner in *myI-CAR*. To retain your designation, you must complete training from each subsequent training level within 12 months of the date when the original I-CAR Platinum Individual® designation was awarded.

I-CAR® PROLEVEL™ 1 2012	I-CAR® PROLEVEL™ 2 2013	I-CAR® PROLEVEL™ 3 2014	▶ ONGOING TRAINING
KNOWLEDGE			
<ul style="list-style-type: none"> Analyze structural repair damage GMA (MIG) weld qualified Repair and/or replace outer body panels Three-dimensional measuring Understand and work with advanced high-strength steels 	<ul style="list-style-type: none"> Heating, cooling, and air conditioning systems Pillars, rocker panels, rails, front structures, and floor pan replacement Stationary glass replacement Straighten structural damage 	<ul style="list-style-type: none"> Develop and follow an appropriate repair plan Partial replacement of structural parts on unitized structures and full-frames Receive role-relevant annual training Skill in sectioning Steering and suspension systems and angles Strongly encouraged to maintain ASE Structural (B4) certification 	<p>Once your training requirements for I-CAR® ProLevel™ 3 have been met, you need to take six (6) credit hours of role relevant training (not previously taken) on an annual basis to maintain your designation. Options can come from either Training or New Technology Training.</p>
TRAINING			
<ul style="list-style-type: none"> <input type="checkbox"/> Adhesive Bonding (ADH01) <input type="checkbox"/> Automotive Foams (FOM01) <input type="checkbox"/> Corrosion Protection (CPS01) <input type="checkbox"/> Hazardous Materials, Personal Safety, and Refinish Safety (WKR01) <input type="checkbox"/> Measuring (MEA01) <input type="checkbox"/> Squeeze-Type Resistance Spot Welding (WCS04) <input type="checkbox"/> Steel GMA (MIG) Welding Qualification Series (WCS03) ★ <input type="checkbox"/> Steel Unitized Structures Technologies and Repair (SPS07) <input type="checkbox"/> Plus one New Technology course 	<ul style="list-style-type: none"> <input type="checkbox"/> Air Conditioning (AIR01) <input type="checkbox"/> Heating and Cooling Systems (HEA01) <input type="checkbox"/> Stationary Glass (GLA02) <input type="checkbox"/> Steel Unibody A-, B-, C-, D-Pillar, and Rocker Panels (SPS02) <input type="checkbox"/> Steel Unibody Front and Rear Rails, Floors, and Front Structures (SPS01) <input type="checkbox"/> Structural Straightening Steel (SSS01) <input type="checkbox"/> Plus one New Technology course 	<ul style="list-style-type: none"> <input type="checkbox"/> Rack and Pinion and Parallelogram Steering Systems (STE03) <input type="checkbox"/> Steel Full-Frame Sectioning (SPS03) <input type="checkbox"/> Steel Full-Frame Technologies and Repair (SPS08) <input type="checkbox"/> Structural Parts Steel Welding Qualification Series (SPS05) ★ <input type="checkbox"/> Suspension Systems (STE02) <input type="checkbox"/> Wheel Alignment and Diagnostic Angles (STE04) <input type="checkbox"/> Plus one New Technology course 	<ul style="list-style-type: none"> <input type="checkbox"/> Advanced Joining Technologies (AJT01) ▲ <input type="checkbox"/> Collision Repair Overview for Chrysler, Dodge, and Jeep Vehicles (DCX01) <input type="checkbox"/> Induction Heaters (INH01) ▲ <input type="checkbox"/> MIG Brazing (BRZ01) ▲ <input type="checkbox"/> I-CAR® Industry Training Alliance role-relevant training
<p>Training Course Key: ▲ Online Course ★ In-Shop Welding Course</p>			

NEW TECHNOLOGY TRAINING

One course from this section not taken for another level must be taken to complete training for each I-CAR® ProLevel™; Ongoing Training may include any courses not previously taken.

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| <ul style="list-style-type: none"> <input type="checkbox"/> Advanced Material Damage Analysis (DAM08) <input type="checkbox"/> Collision Repair for Ford and Lincoln Vehicles (FOR05) <input type="checkbox"/> Collision Repair for General Motors Vehicles (GEN03) <input type="checkbox"/> Collision Repair for Honda and Acura Vehicles (HON01) <input type="checkbox"/> Collision Repair for Select High Volume Vehicles (POP01) <input type="checkbox"/> Collision Repair for Toyota, Lexus, and Scion Vehicles (TOY01) | <ul style="list-style-type: none"> <input type="checkbox"/> Electric and Electric Hybrid Vehicles (ALT01) -OR- (ALT01e) ▲ <input type="checkbox"/> Hybrid Electric and Alternative Fuel Vehicles (ALT02) -OR- (ALT02e) ▲ <input type="checkbox"/> Overview of Cycle Time Improvements for the Collision Repair Process (CYC01) <input type="checkbox"/> Vehicle Technology and Trends 2010 (NEW10) <input type="checkbox"/> Vehicle Technology and Trends 2011 (NEW11) |
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Certain training through the I-CAR® Industry Training Alliance may also be used to meet your training requirements. Contact I-CAR® Customer Care at 800.422.7872 or customercare@i-car.com to learn more.