Registration Instructions for New Users

① Go to 3MCollision.com/Learn and then click “SIGN IN”.

② Registered Users: Enter your “User Name” and “Password” and click the “LOGIN” button. Jump to ⑧.

② New Users: Click the “Register for Collision Repair” link in the ORANGE BOX and complete the required information on the Registration Form. You will need your own unique eMail address.

③ Once all fields in the registration form are complete, click “SUBMIT” – a confirmation email will be sent to your email account to confirm your enrollment (this may take a few minutes to arrive in your inbox).

④ Click the activation link (“click here”) found on the confirmation email.

⑤ After clicking the activation link, the 3M™ Collision Repair Academy login page appears. Enter the email address and password you used to register, and then click Login.

⑥ After clicking Login, the 3M Extranet Access Agreement appears. In order to proceed, you must Accept the Agreement.

⑦ When the Confirmation Page appears, click “OK”.

⑧ You are now inside the 3M™ Collision Repair Academy.

If you have any questions or if issues arise during this process, simply CLICK HERE to submit a 3M Academy Help Ticket
Introduction to the 3M Collision Repair Training Academy

Educational Resources from 3M
Educational Delivery Channels

- Social Media
- YouTube™
- In-Shop
- eLearning
- Virtual
- Instructor-Led
Educational Resource Links

On-Line. On-Demand.

https://www.youtube.com/user/3MAutoBodyRepair

3M Collision Repair on YouTube

3M Collision Repair
How To and Tech Tips
3M YouTube Content

Great Information – But not eLearning

35+ Tech Tip Videos
48 SOP Videos
  • English, Spanish, French
14 Product Feature Videos
13 Chip Foose How-to’s

Example: SOP Video’s
  • Process overview
  • Limited specifics on materials
  • No testing capabilities
  • No reporting functionality
Educational Resource Links

3MCollision.com/Learn  3M Collision Repair Academy Online eLearning Platform
Introducing the 3M Collision Repair Academy

3MCollision.com > TRAINING > Collision eLearning

At 3M, the art and science of automotive collision repair is a crucial part of our longstanding connection to our customers. For decades we have crafted abrasives, adhesives and coatings to solve the latest auto body repair demands. These include our groundbreaking 3M™ Cubitron™ II and Trizact™ abrasives, 3M™ Platinum™ body fillers and our premium 3M™ Perfect-It™ compounds, polishes and pads. Our 3M™ Accuspray™ ONE spray gun, together with our 3M™ PPS™ paint preparation system, delivers new levels of efficiency in auto body paint and coating application. Every product, every solution, is backed by our expert technical team to guide you and your body shop every step of the way.
Introducing the 3M Collision Repair Academy

3M Collision Repair Academy – Sign In Now

There is a reason why thousands of collision workers trust 3M Collision Repair Academy for staying up to date on collision applications, products and theory. Log in or sign up to access online collision courses anytime, anywhere. 24x7.

SIGN IN  REGISTER
3M Digital Educational Tools: 3M Collision Repair Academy

eLearning Format & Content

- Different from the “Top of the Trees” or “Quick Tip” videos found on YouTube™
- Formal, Structured, and Proven Courses based on the needs of Adult Learners

28 eLearning modules to address:

- Body/Repair Department
- Paint/Refinish Department
- Detailing Department
- Front Office / Estimating Education
- Foundational Product Knowledge

Can be used for:

- Pre-work for Live Training
- Earning I-CAR Alliance and Pro-Level Points
- Training Office Staff on Repair Procedures so they can “write a better sheet”
- Tracking tech training for advancement or compliance
## 3M Collision Repair Short Courses

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Price</th>
<th>Currently</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M Collision Repair Materials Planner (CRiMP)</td>
<td>$0.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Anti-Chip and Rocker Coatings</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Backside Reinforcement for Plastic Repairs</td>
<td>$7.50</td>
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</tr>
<tr>
<td>Body Filler Repairs</td>
<td>$12.50</td>
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</tr>
<tr>
<td>Collision Repair Materials 101: Abrasives</td>
<td>$10.00</td>
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<tr>
<td>Door Skin Replacement</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Feather, Prime, and Block</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>General Masking</td>
<td>$12.50</td>
<td>No Charge</td>
</tr>
<tr>
<td>Glaze Only Repairs</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Internal Cavity Wax</td>
<td>$7.50</td>
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</tr>
<tr>
<td>Introduction to Plastic Repair</td>
<td>$12.50</td>
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</tr>
<tr>
<td>NESHAP 40 CFR 63 Subpart 6H Training</td>
<td>$0.00</td>
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<tr>
<td>New Panel Preparation</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Paint Finishing and Detail</td>
<td>$15.00</td>
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<tr>
<td>Plastic Tab Repair and Reconstruction</td>
<td>$10.00</td>
<td>No Charge</td>
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<tr>
<td>Repair and Blend Panel Preparation</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Repair of Cosmetic Plastic Surfaces</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Rivet Bonding</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Seam Sealers and NVH Applications</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Stationary Panel Removal</td>
<td>$7.50</td>
<td>No Charge</td>
</tr>
<tr>
<td>Undercoatings</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>Weld Sealing and Bonding</td>
<td>$10.00</td>
<td>No Charge</td>
</tr>
<tr>
<td>+ Many More in Development</td>
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</table>
## I-CAR® Industry Training Alliance® Courses from 3M

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Price</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Paint Preparation for Productivity</td>
<td>$50.00</td>
<td>2.0</td>
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<tr>
<td>Paint Defect Removal and Polish</td>
<td>$35.00</td>
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<tr>
<td>Plastic Repair</td>
<td>$45.00</td>
<td>2.0</td>
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<tr>
<td>Corrosion Protection, Seam Sealer, an NVH</td>
<td>$42.50</td>
<td>1.5</td>
</tr>
<tr>
<td>Aluminum &amp; Steel Panel Replacement Methods</td>
<td>$40.00</td>
<td>2.0</td>
</tr>
<tr>
<td>Dent Repair</td>
<td>$27.50</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**NOTE:** The cost to register the Credits with I-CAR (a $57 Value) is **INCLUDED** in the Price, plus 3M will handle all the details. No paperwork to send in.
3M Collision Repair Academy

eLearning Format and Content

- Different from the “Top of the Trees” or “Quick Tip” videos found on YouTube™
- Formal, Structured, and Proven Courses based on the needs of Adult Learners
3M eLearning Format and Content

Learning Objectives

You will learn:

To explore the many advantages of combining rivets and adhesives, including:
- Improved corrosion protection
- Stiffer and quieter joints
- Increased impact resistance
Corrosion Inhibitor Package

They are chemicals or mixtures of chemicals in an adhesive designed to prevent corrosion of the substrate to which the adhesives are applied. In addition to the adhesive sealing the joint from moisture intrusion, the corrosion inhibitors provide chemical corrosion resistance.

- Blind Rivets
- Clamp Time
- Cloco
- Corrosion Inhibitor Package
- Cure Time
- Dynamic Mixing Nozzle
- Equalizing a Two-Part Cartridge
- Flow-Drill Screws
- Heat Bond

\[ \text{Chemical} + \text{Water} + \text{O}_2 = \text{Corrosion Inhibitor} \]
3M eLearning Format and Content

Now let’s talk about products used in general automotive masking. Click on each image to learn more about these amazing products.
3M eLearning Format and Content

 Sanders

 Click on a tool to view recommendations for the job.

 3M™ Pistol Grip Disc Sander (33577)
 3M™ Mini File Belt Sander, 330 mm (13 in) (33573)
 3M™ File Belt Sander, 457 mm (18 in) (33575)

Applicators
Sanders
Miscellaneous
Adhesives

3M™ Impact Resistant Structural Adhesive, 200 mL Cartridge (07333)

The 3M Impact Resistant Structural Adhesive also has a feature indicating when the curing process has begin through color change technology. Adhesive bead starts silver in color and changes to purple once curing is underway. Cured product is purple to indicate proper mixing and complete cure.

- Higher impact strength versus traditional bonding adhesives
- Adheres to all properly prepared steel and aluminum substrates
- Can be weld-bonded or rivet-bonded immediately after application
- Excellent extreme temperature performance
- Can be cured with heat (30 min at 80°C)
- Dispenses silver, cures purple to indicate proper mixing and curing
- Corrosion inhibiting formula with lifetime corrosion protection
3M eLearning Format and Content

Process Steps

- Prepare the host panel mating flanges.
- Check fit and prepare replacement panel mating flanges.
- Apply adhesives to cover all bare metal areas.
- Apply additional bead of adhesive to one of the flanges to achieve proper bond-line thickness.
- Clamp in place and install rivets as per OEM recommendations.
- Remove excess squeeze-out before adhesive cures.
3M eLearning Format and Content

Knowledge Check

It's time to check your knowledge. Choose to play audio and click the START QUIZ button when you are ready to begin.

Click and drag the slider to play audio during the quiz.

A Score of 80% is Required to PASS the course.
3M eLearning Format and Content
3M eLearning Format and Content
Documentation and Continuing Education
3M eLearning Format and Content

Trackable Certificates of Completion