



PAINTERS SUPPLY & EQUIPMENT CO.



APR01 Aluminum Exterior Panel Repair & Replacement

INSTRUCTOR: MARK BONO



WEDNESDAY - AUGUST 21, 2019

12:00 PM - 4:00 PM

***PAINTERS SUPPLY & EQUIPMENT
LEARNING CENTER***

**25195 BREST RD.
TAYLOR MI 48180**

**Complimentary Lunch Served Prior To Class—
12:00 pm**

REGISTRATION DEADLINE: AUG. 21, 2019

This course is an Annual Training option for the following roles:

ESTIMATOR

PRODUCTION MANAGEMENT

STEEL STRUCTURAL TECHNICIAN

ALUMINUM STRUCTURAL TECHNICIAN

NON-STRUCTURAL TECHNICIAN

AUTO PHYSICAL DAMAGE APPRAISER

After completing this course, you will be able to:

- Explain how hardening changes the characteristics of aluminum
- Describe how to use dye penetrant for locating damage
- Reduce cross contamination between metals
- Understand the importance of using dedicated tools for working on aluminum
- Explain the requirements of working with adhesives
- Describe how to hem a panel
- Understand some considerations for welding aluminum
- List the different processes used for removing damage in cosmetic panels
- Describe the different aluminum panel attachment methods
- Know how to prepare an aluminum surface for body filler and refinishing

Course Content

Module 1—Cosmetic Aluminum Panel Overview

Begins with an overview of where aluminum is used and its characteristics. Techniques and certain differences between repairing aluminum and steel are given. The module will also explore damage considerations, panel straightening, paintless dent repair (PDR) straightening techniques, and corrosion protection.

Module 2—Attachment Methods

Students will receive demonstrations and explanations of several panel attachments and removal methods including, adhesive bonding, threaded fasteners, bolted-on parts, and rivet types and use. They will also learn about preparation and application, including rivet bonding, hem flange removal, hemmed door skin replacement, welded exterior panel removal, and joint preparation.

Module 3—Surface Preparation and Refinishing

The course will conclude with surface preparation and refinishing considerations, such as prepping the surface for body filler, types of body fillers, primers, and refinishing aluminum parts.

GO TO I-CAR WEBSITE TO REGISTER

www.i-car.com

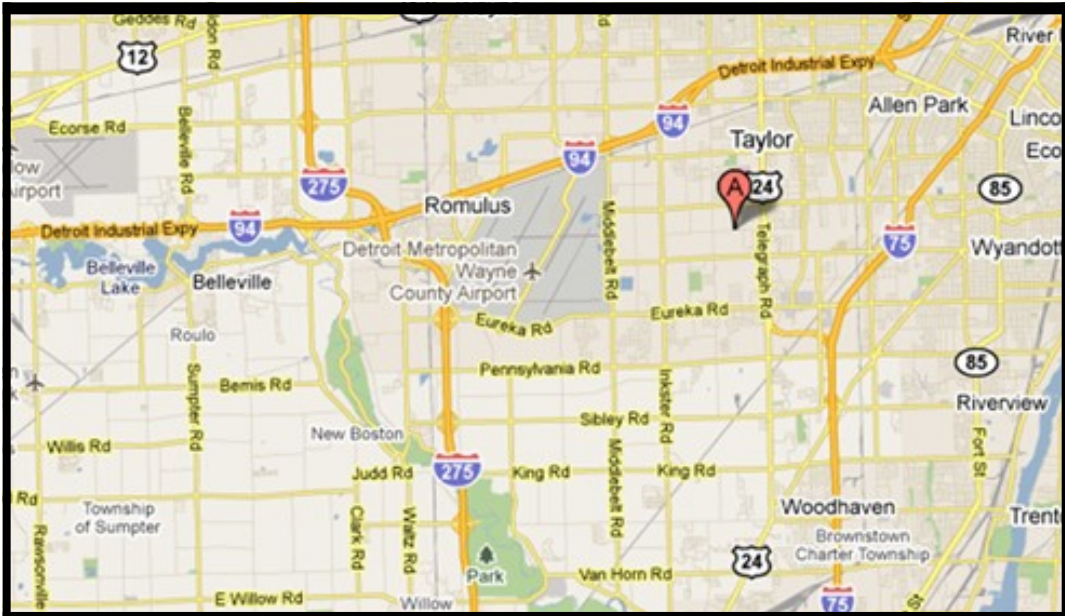
Directions to:

PAINTERS SUPPLY & EQUIPMENT CO.

25195 Brest Road

Taylor, MI 48180

734/946-8119



Visit our website—
www.painterssupply.com