



PAINTERS SUPPLY & EQUIPMENT CO.



PLA03 Plastic and Composite Repair

INSTRUCTOR: MARK BONO



WEDNESDAY - AUGUST 28, 2019

8:00 AM - 12:00 PM

**PAINTERS SUPPLY & EQUIPMENT
LEARNING CENTER**

25195 BREST RD.
TAYLOR MI 48180

REGISTRATION DEADLINE: AUG. 27, 2019

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

ESTIMATOR

NON-STRUCTURAL TECHNICIAN

REFINISH TECHNICIAN

AUTO PHYSICAL DAMAGE APPRAISER

GO TO I-CAR WEBSITE TO REGISTER

www.i-car.com

After completing this course, you will be able to:

- Identify different types of plastics by their characteristics and determine the level of plastic identification that is required to perform a repair
- Understand correct preparation procedures for plastics
- Identify different types of plastics used on today's vehicles and the correct methods to repair each
- Recognize proper adhesives for different repairs and when to use adhesion promoter
- Perform one and two sided plastic adhesive repairs and mounting tab repairs
- Understand the considerations around refinishing plastic parts
- Identify the types of plastic welds in automotive applications

Course Content

Module 1—Plastics Identification and Repair Considerations

Introduction to different plastics, including Polypropylene (PP), Thermoplastic Olefin (TPO), Acrylonitrile Butadiene Styrene (ABS), and Fiber-Reinforced Plastic (FRP). The student will gain an understanding of plastics families, the relevance of ISO codes, how to identify varying characteristics of plastics, and the correct preparation procedures to repair.

Module 2—Adhesive Bumper Repair

Students will gain an understanding of adhesives used in plastics repairs including when to use adhesion promoters. They will learn about the considerations around one and two sided adhesives repairs, as well as the importance of understanding how the level of plastic identification can affect a repair. This module also explains the important considerations around performing mounting tab repairs and refinishing plastics after repairs.

Module 3—Fiber Reinforced Plastic (FRP) Repair

Discusses common FRP used on today's vehicles and explains correct repair methods when working on FRP. The student will gain knowledge on proper preparation of FRP and important information on performing on one and two sided FRP repairs, as well as FRP refinishing considerations.

Module 4—Plastic Welding Repairs

Students will become familiar with plastic welding equipment and its uses. They will gain an understanding of the different types of plastic welds in automotive applications, including welds and adhesion welds.

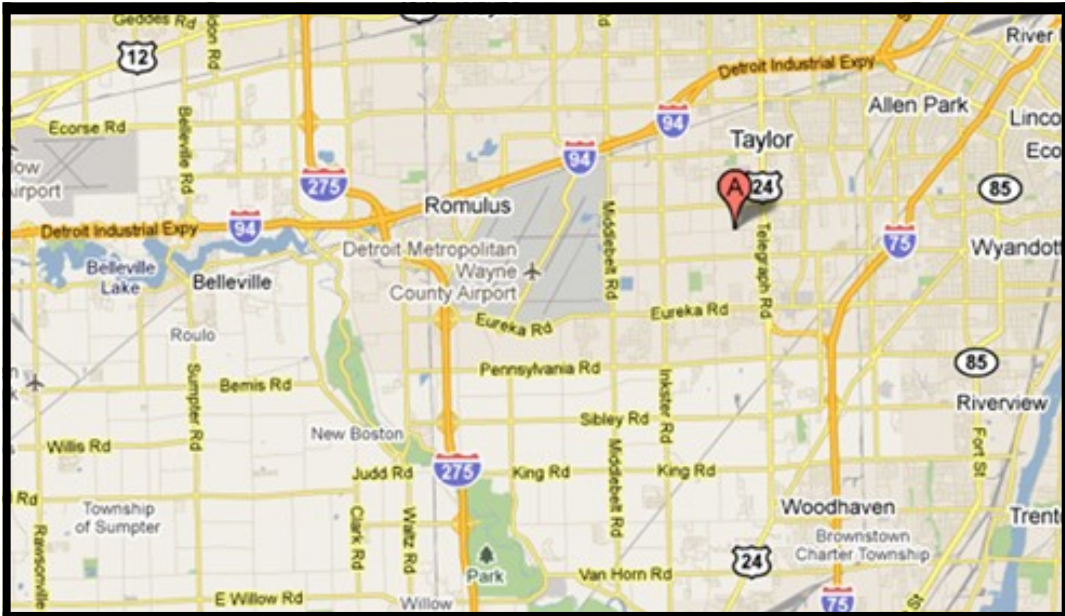
Directions to:

PAINTERS SUPPLY & EQUIPMENT CO.

25195 Brest Road

Taylor, MI 48180

734/946-8119



Visit our website—
www.painterssupply.com