



PAINTERS SUPPLY & EQUIPMENT CO.



FOR06 FORD F-150 STRUCTURAL REPAIR TRAINING COURSE

INSTRUCTOR: MARK BONO



THURSDAY - OCTOBER 31, 2019

8:00 AM - 4:00 PM

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

**25195 BREST RD.
TAYLOR MI 48180**

Complimentary Lunch Served During Class

REGISTRATION DEADLINE: OCT 30, 2019

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

ESTIMATOR

PRODUCTION MANAGEMENT

STEEL STRUCTURAL TECHNICIAN

ALUMINUM STRUCTURAL TECHNICIAN

NON-STRUCTURAL TECHNICIAN

ELECTRICAL/MECHANICAL TECHNICIANS

REFINISH TECHNICIAN

AUTO PHYSICAL DAMAGE APPRAISER

After completing this course, you will be able to:

- Understand what Ford is doing to meet CAFÉ standards
- Understand safe practices when working with aluminum
- Identify the Ford heating limits for straightening
- Understand Ford's position on repairing cracks in aluminum parts and in the frame assembly
- Determine the approved adhesive Ford requires on the 2015 F-150
- Describe what types of rivets are approved for use on Ford vehicles
- Describe why aluminum flanges may be different than what is used on steel
- Understand what is different about welding on aluminum than steel
- Understand what steel strengths are used in the F-150 frame and what frame repairs are supported by Ford.
- Explain vehicle-specific repairs, such as: what can be done to the magnesium radiator core support; how close to a hinge or striker a cut line can be for repairs; and repairing the extruded rocker panel

Course Content

Module 1—Introduction to Ford

The course opens with a historical overview of the evolution of the F-150, leading up to the 2015 model. This module also details what Ford is doing to achieve CAFÉ standards, how to access 2015 F-150 online service information, and understanding the vehicle certification label.

Module 2—Aluminum

The second module provides students with an overview of aluminum and its application on the 2015 F-150. Considerations concerning stampings, extrusions, castings, galvanic corrosion and damage analysis will be discussed. Ford recommendations on working with aluminum are discussed.

Module 3—Aluminum Joining Methods

The third module in the course provides in-depth information on clinches, fasteners, rivets, aluminum flanges, and aluminum welding as they relate to the 2015 F-150.

Module 4—Body Design and Construction

Students then learn details about the exterior body, cab repair options, box assembly, and key information such as proper electrode wires for welding repairs.

Module 5—Frame Repairs

Key information such as proper electrode wires for welding repairs, control arm bracket options, and front/rear extension replacements is detailed through instructor lecture and discussion.

GO TO I-CAR WEBSITE TO REGISTER

www.i-car.com

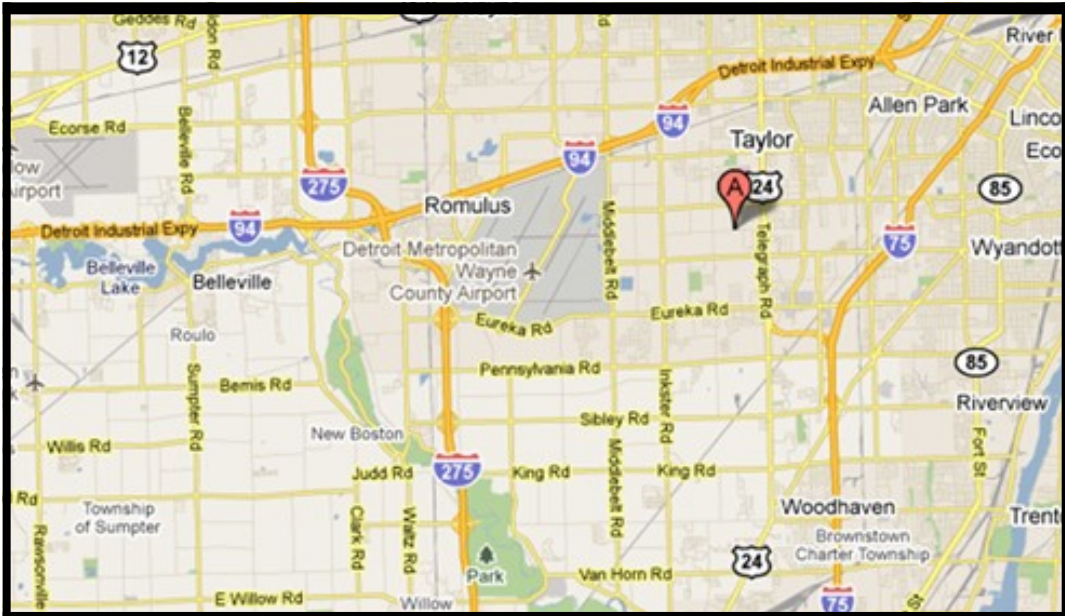
Directions to:

PAINTERS SUPPLY & EQUIPMENT CO.

25195 Brest Road

Taylor, MI 48180

734/946-8119



Visit our website—
www.painterssupply.com