

# EXTERIOR PANELS DAMAGE ANALYSIS

DAM10

Taking a risk when repairing damage to exterior panels can cause serious danger for your customers, your businesses, and other motorists on the road. Ensuring that your customer's vehicle has been repaired to the highest standard can be achieved through making sure that, as a collision repair professional, you have the right knowledge to make proper repair or replace decisions.

## Course Content

### Module 1 – Damage Analysis Considerations

The first module of the course introduces the student to types of steel, as well as their differing characteristics and attributes. Students will gain an understanding as to why steel remains the primary material for many parts of the vehicle structure and exterior body panels. The student will learn about the considerations for inspecting the front portion of the vehicle for damage, including bumpers, grilles, and lighting. Proper damage analysis procedures and how to build a comprehensive repair plan will be discussed.

### Module 2 – Side Body Inspection

As the student moves through the course, he or she will learn how to identify damage on side and outer panels, including fenders and doors. In addition, the student will learn how to identify damage to movable glass, such as door glass, quarter glass, and sunroofs. He or she will become familiar with accurate repair and replacement options.

### Module 3 – Rear Body and Aftermarket Parts Inspection

The final module of the course covers information on identifying damage to rear parts of a vehicle. Students will become familiar with parts of rear bumper assemblies, rear lighting systems, pickup truck box, and aftermarket parts. Information on considerations around repair and replacement options for these parts will be covered in the final module.

## Recommendations

This course covers damage analysis and related collision repair topics on several parts of the vehicle. Other courses that may be helpful and are relevant to training for your role include:

- Vehicle Identification, Estimating Systems, and Terminology (DAM01/e)

## Registration

To register for Exterior Panels Damage Analysis (DAM10), visit the I-CAR website at [www.I-CAR.com](http://www.I-CAR.com).

## Course Highlights

**Credit Hours:** 3

**Estimated Duration:** 4 hours

**Format Option:** Live instruction with posttest

**Meets I-CAR® ProLevel™ or annual training requirements for the following roles:**



ESTIMATOR



AUTO PHYSICAL DAMAGE APPRAISER

**After completing this course, you will be able to:**

- Identify parts of the front bumper assembly and recognize damage to side body panels
- Recognize front exterior body panels and front lighting systems
- Have the ability to identify door damage and make repair versus replace decisions
- Understand replacement considerations for door intrusion beams
- Identify types of movable glass damage
- Recognize rear closure panels and understand parts of rear bumper assemblies
- Identify parts of rear lighting systems and parts of pickup truck box assemblies
- Identify aftermarket parts and determining repair and replacement options



I-CAR Training Support Center  
5125 Trillium Blvd.  
Hoffman Estates, IL 60192  
Phone: 800-422-7872  
Fax: 800-590-1215  
[www.I-CAR.com](http://www.I-CAR.com)

