

FLOOD AND FIRE DAMAGE ANALYSIS

DAM14e

There is a common misconception that vehicles with even minor flood or fire damage cannot be repaired, however, many plausible repair opportunities exist for these types of vehicles. Understanding how to identify the extent of damage and other important repair considerations can be the difference in making a total loss decision versus developing a repair plan for the vehicle.

Course Content

Module 1 – Flood Damage Analysis

The first module of the course begins with an examination of the different types of floodwater and how to identify the height of the floodwater. Flood damage inspection procedures are provided for both the interior, exterior, and engine compartment. The module continues by providing potential repair options for flood damaged parts.

Module 2 – Fire Damage Analysis

The second module concludes the course with an examination of the common causes of vehicle fires. The student will gain information on the procedures used to determine the possible cause of a fire when inspecting fire-damaged vehicles and repair options for vehicles with light fire damage.

Recommendations

This class covers a range of damage analysis considerations. It is recommended that students have an understanding of the collision repair process, as well as damage analysis processes. Courses that are helpful include:

- Vehicle Identification, Estimating Systems, and Terminology (DAM01)
- Vehicle Identification, Estimating Systems, and Terminology (DAM01e)
- Exterior Panels Damage Analysis (DAM10)
- Exterior Panels Damage Analysis (DAM10e)
- Restraint Systems Damage Analysis (DAM11)
- Restraint Systems Damage Analysis (DAM11e)
- Hazardous Materials, Personal Safety, and Refinish Safety (WKR01)

Registration

To register for Flood and Fire Damage Analysis (DAM14e), visit the I-CAR website at www.i-car.com or contact the I-CAR Customer Care team at 800-422-7872.

Course Highlights

Credit Hours: 3

Estimated Duration: 3 hours

Format Option:

- Online instruction with test

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 types of floodwater, height of floodwater and examples of previous flood damage.
- Identify conditions that often result in flood total loss.
- Understand the effects of water on automotive electronics, plastics, fabric, and mechanical parts.
- Determine the steps required to perform a proper inspection on a flood-damaged vehicle.
- Identify the cause and origin of the fire and determine the degree of fire damage.
- Recognize what can be repaired and what requires replacement in fire-damaged vehicles.
- Provide repair methods for fire-damaged vehicles.
- Identify signs of potential fraud for flood or fire.



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