

AUTOMOTIVE FOAMS

FOM01

Many of today's modern vehicles use different foams for noise, vibration and harshness (NVH) reduction as well as structural enhancements. The different foam types provide properties to enhance the comfort and safety of today's vehicles. An understanding of the materials as well as considerations during and after the repair can hold the key to ensuring the vehicle owner with the satisfaction of a complete repair.

Course Content

Module 1—Foam Uses

This module highlights the uses of vehicle foams and common structural locations. The student will be introduced to vehicle maker applications and curing methods.

Module 2—Automotive Replacement Foam Types

The course continues with collision repair foam material, their chemical make-up and structural foam characteristics.

Module 3—Foam Safety and Repair

The course concludes with coverage on safety issues surrounding working with different forms of foam and considerations around determining replacement models.

Recommendations

This course covers a variety of automotive foams found in modern collision repair. An understanding of fundamental in vehicle design and collision repair is recommended. Courses that are helpful include:

- Fundamentals of Collision Repair (FCR01)

Course Highlights

Points: 1

Estimated Duration: 4 Hours

Format: Classroom & Virtual

Classroom

Meets the I-CAR ProLevel 1 training requirements for the following roles:



STRUCTURAL TECHNICIAN



NON-STRUCTURAL TECHNICIAN



ESTIMATOR



REFINISH TECHNICIAN

After completing this course, you will be able to:

- Understand uses and application procedures for automotive foam
- Understand structural foam considerations and curing methods
- Identify procedures related to installation of expandable foam
- Understand how to choose correct replacement materials
- Know how to work safely around automotive foams

