



COURSE INFORMATION AND REQUIRED MATERIALS

PO Box 944246, Sacramento, CA 94244-2460

FIRE FIGHTING AND RESCUE

Course: Auto Extrication (1996)

FSTEP

Hours: 16

Designed For: All fire service personnel

Description: This course provides students with hands-on experience in the procedures and systems utilized during an automobile extrication. Subjects covered include: Auto extrication, types of hand and power tools, removing windows, opening doors, removing roofs, pulling steering wheels, moving foot pedals, raising dashboards, pulling seats, stabilization of vehicles, and simulated rescues of trapped victims.

Prerequisites: None

Certification: None

Class Size: 40

Student/Instructor: Ratio: 10:1 (Skills Proficiency)

Restrictions: This course requires a site with adequate materials and equipment to deliver the training according to the course outline.

REQUIRED STUDENT MATERIALS	EDITION	VENDORS
▪ None		
REQUIRED INSTRUCTOR MATERIALS		
▪ None		

AUTO EXTRICATION COURSE OUTLINE

Course Objectives: to provide the student with...

- a) Information on the types of incident they might encounter and the procedures and systems used during an auto extrication.
- b) Information on the types of auto extrication tools and their uses.
- c) The proper procedure for maintaining auto extrication tools.
- d) An opportunity to perform a rescue and use auto extrication tools during an exercise involving simulated victims and damaged vehicles.

Course Content	16:00
1. Introduction and Course Procedures	0:30
2. Safety Precautions	0:10
3. Auto Extrication Size-up	1:00
4. Types of Incidents That May be Encountered	1:00
5. Types of Tools and Their Application	1:00
6. Incident Command System for Auto Extrication	0:30
7. How to Remove The Front Windshield.....	0:20
8. How to Remove Side and Rear Windows	0:10
9. How to Open a Door Using a Panel Cutter.....	0:10
10. How to Open a Door Using a Spreader and Wedge	0:20
11. How to Pull a Door Using a Come-along.....	0:15
12. How to Remove a Roof Using an Air Chisel	0:10
13. How to Cut "A" Pillars Using a Hacksaw	0:10
14. How to Remove a Roof Using an Air Chisel, Hacksaw, and High-lift Jack.....	0:20
15. How to Pull a Steering Wheel Using a Come-along	0:15
16. How to Pull a Steering Wheel Using a High-lift Jack.....	0:15
17. How to Pull a Steering Wheel Using Seatbelts and The Hood.....	0:10
18. How to Pull a Steering Wheel Using a Scissor Jack.....	0:10
19. How to Cut a Steering Wheel Ring With a Bolt Cutter	0:05
20. How to Move Foot Peddles Using Seatbelts.....	0:10
21. How to Raise a Dash Using High-lift Jacks.....	0:20
22. How to Pull a Front Seat Using a Come-along	0:10

23.	How to Pull a Front Seat Using a High-lift Jack	0:10
24.	How to Take Out a "B" Pillar Using an Air Chisel.....	0:10
25.	How to Use Cribbing to Stabilize a Vehicle.....	0:10
26.	How to Make a Three-door Out of a Two-door for Rear Seat Rescue	0:15
27.	Maintenance of Auto Extrication Tools	0:15
28.	Using Auto Extrication Tools on Vehicles	4:00
29.	Simulation Rescues of Trapped Victims	3:30