



## Vehicle Machinery Ops / Tech - 5 Day Course

### Course Description:

Vehicle Manufacturers are constantly changing the look, shape, and safety systems within vehicles. New battery locations, new restraint systems, and hybrid cars, all have hidden dangers to firefighters. The Vehicle Machinery class covers basic vehicle extrication up to advanced complex scenarios. Machinery entrapments are also discussed along with practical application. Upon completion the student will understand and have demonstrated the ability to safely size up, stabilize, gain access and extricate a patient from a variety of vehicles and industrial entrapments.

### Prerequisites:

The student should be in good physical condition and able to work well in teams. The student must arrive with the proper PPE: Full structural turnout gear is optimal, full flash protection is acceptable. Helmet, gloves and safety glasses are also required. Dress weather dependent.

### Main Topics Covered:

- Science of Alternatives
- Safety/Size ups
- Team Concept
- Stabilization
- Extrication Techniques

### Course Options:

This course can be split into Operations and Technician level courses if desired. Class focus can be customized to the host needs, depending on certification requests. The followup to this course is the **Heavy Truck and Bus** course.