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## **“40-hour Basic through Advanced Extrication Skills” Rehoboth, MA**

**Registration Form:** ←**CLICK HERE!**

Training Dates: **June 6<sup>th</sup> through 10<sup>th</sup>, 2011**

City Location: **Rehoboth, MA**

Daily Hours of Operation: **0800 – 1700 Hours**

Maximum Course Enrollment: **30 Students**

### **Rehoboth MA 40-hour Basic through Advanced Skills Extrication**

#### About the Course

For the second time **Extrication.Com** is offering a 40-hour basic-intermediate-advanced extrication program in Rehoboth, MA. The course is a progress skills training program open to all responders at all experience skills levels.

Program cognitive and enabling learning objectives focus on basic concepts:

- Safely mitigating a vehicle rescue by the most efficient means possible utilizing minimum manpower, tasks and equipment.
- “Getting back to the basics” with hand and power tools so responders do not become reliant with only hydraulic tools.
- Enable students to “think outside of the box” when formulating rescue action plans and operator task plans.
- Keep things simple: Plan, common sense extrication methodology.
- Re-enforce the basic cognitive and enabling fundamentals that will serve as the corner stone as the students progress through the various skill levels.
- Training is based on essential extrication fundamentals and by techniques, and not by tactics/extrication procedures. Tactics and procedures are developed at the individual agency level and/or by the on scene IC, not by our instructors.
- Learning is done through progressive enabling learning skills during practical evolutions.
- Program meets or exceeds FF I/II requirements for vehicle extrication and disciplines at the rescue technician level (excluding heavy machinery offered in other programs).

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19 Baldwin Circle Plymouth MA USA

On completion of the training responders should be able to transition from basic skills essential for passenger vehicles to the more advanced skills necessary for complex incidents involving heavy truck and bus extrication. By the end of the 40-hour program students are expected to be able to perform course enabling objectives with limited supervision by our instructors.

The course will utilize common forcible entry hand & power tools, pneumatic lift bags, as well as heavy rescue tools/equipment including cutting torches and portable/fixed winches. We feel that it is essential that students know how to utilize different equipment to perform given extrication tasks so they will not become reliant on any one particular tool(s) for a

Former clients have traveled as far away as the South Pacific and Germany; having a broad range of professional backgrounds (fire service, police SWAT, Special Forces/Special Operations units, protective services and tow personnel). Regardless of the students' background, current skills level and experience, everyone progress through the course together. Students learn from our instructors, and we all learn from each other's experiences. Many of our practical evolutions and techniques are based on real life encounters on scene.

Students will be exposed to new concepts and techniques that we like to think of as an adjunct to your knowledge bank of "tools in the box" concept. given task during extrication.



Performing Modified Dash Roll with Hi-Lift Jack and Jack Mate: Vehicle on side.

Extrication.Com 40-hour provides unique extrication concepts, insight, and knowledge based on our professional experience, research and development. We don't want students to fall victim to "tunnel vision" or "thinking "there is only one way to do things".



"Thinking Outside of the Box" during the 40-Hour Program Olathe, KS FD: Alternative dashboard displacement utilizing rescue winching techniques.

Our instructors encourage students to developing operator action plans using the "thinking outside the box" concept during this program. If their action plan doesn't go as planned, we want them to be able to quickly implement an alternative plan. Students attending should have an open mind and be receptive to change the during the program. While keeping in mind what works for Extrication.Com may not work for you or your agency in every given situation.



Extrication.Com's Modified Dash Roll® (MDR) during a training video taping Dallas, TX Fire Academy.  
Extrication.Com's Progressive Training Concept

The 40-hour "Basic – Intermediate – Advance Skills Extrication program" gives all responders the opportunity to take basic through advanced extrication at one time, or in (4) modules. The basic skills program meets or exceeds accepted Firefighter II standards for vehicle extrication. Each module is a stepping stone to the next higher level of training. Each sequential module brings forth the previous fundamentals and new learning objectives with a greater degree of complexity and higher risk during the practical evolutions than the previous program module. The 40-hour program is divided into the following training modules:

1. 16-hours Basic Skills
2. 8-hours intermediate Skills: New Technology
3. 8-hours Advanced Extrication: Heavy Truck
4. 8-Hours Advanced Extrication: Hours School Bus

Regardless of students experience or previous training, everyone progress through the program at the same rate. Practical evolutions start out in review of the fundamentals and required tasks associated with the class/type vehicle(s) for that module. Each practical evolution advances from the basic concepts through the complexity and higher risks associated with heavy truck and bus extrication.

During the first day students will be closely monitored and work under direct supervision of their instructors. As their confidents and experience develop they will work more independently as they advance through the skills level.



Modified Dash Roll during 40-hour program Swansea, MA FD: Sedan vs. straight truck.

#### Course Handouts

4-Hour program handouts will be available online after March 18, 2011 for the Rehoboth MA course. Registered students will be given a link and program password for our secured site. Students will then be able to download required reading and resource material.



Displacing truck cab with ratchet straps during Toronto 2007 40-Hour program: Truck vs. sedan vs. 40-foot trailer evolution.

## 40-hour Course Timeline

<u>June 6<sup>th</sup></u>		<b>Basic Skills Day-1</b>
<b>Monday</b>	0730 - 0800	Student Registration Coffee and Doughnuts
	0800 - 1100	Classroom Session a) Course Introduction b) Fundamentals of Extrication C) Rescue Tools & Equipment
	1100 - 1200	Practical Session
	1200 - 1300	Lunch (Box Lunch) at Drill Yard Drill Yard
	1300 - 1700	Practical Session
<b>Staff</b>	Classroom Practical	Presenters: Craig Blake & Chris Haley Lead: Ron Shaw Assisting: Chris Haley/Craig Blake Logistics: Bud Fagundes
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<u>June 7<sup>th</sup></u>		<b>Basic Skills Day-2</b>
<b>Tuesday</b>	0730 - 0800	Coffee and Doughnuts
	0800 - 1100	Classroom Session a) Patient Considerations b) Command Considerations for Extrication
	1100 - 1200	Practical Session
	1200 - 1300	Lunch (Box Lunch) at Drill Yard
	1300 - 1700	Practical Session
<b>Staff</b>	Classroom Practical	Presenters: Craig Blake and Chris Haely Lead: Craig Blake Assisting: Chris Haley and Craig Blake Logistics: Bud Fagundes

<b>June 8<sup>th</sup></b>		<b>Intermediate Skills: New Technology</b>
<b>Wednesday</b>	0730 – 0800	Coffee and Doughnuts
	0800 – 1200	Classroom Session a) Case Study: Responder Injuries at a Crash b) Active and Passive Safety Considerations c) Mechanisms of Injury d) Safe Approach to a Crash Site e) Vehicle Crash Physics f) Alternative Fueled Vehicle Safety g) Innovative Vehicle Design and Construction h) Alternative Extrication Techniques
	1200 - 1300	Catered Lunch
	1300 - 1500	Classroom Session a) Oxy-gas Torch Theory b) Exothermic Torch Theory
	1500 - 1700	Practical Session
<b>Staff</b>	Classroom	Presenters: New Technology: Ron Shaw and Craig Blake Oxy-gas & Exothermic Torches: Tom Ferri
	Practical	Lead Ron Shaw Assisting: Chris Haley, Craig Blake and Tom Ferri Logistics: Bud Fagundes

<b>June 9<sup>th</sup></b>		<b>Advanced Extrication: Heavy Truck</b>
<b>Thursday</b>	0730 - 0800	Coffee and Doughnuts
	0800 - 1200	Classroom Session
	0800 - 1000	a) Heavy Truck/Bus Considerations
	1000 - 1000	b) Theory of Winching
	1100 - 1200	c) Petrogen Rescue Cutting Torch Theory
	1200 - 1300	Lunch (Box Lunch Provided) Drill Yard
	1300 - 1700	Practical Session
<b>Staff</b>	Classroom	Craig Blake, Jordan Hewing, and Petrogen (TBA)
	Practical	Ron Shaw, Lead Assisting: Chris Haley and Craig Blake Logistics: Bud Fagundes
<b>June 10<sup>th</sup></b>		<b>Advanced Extrication: School Bus</b>
<b>Friday</b>	0730 - 0800	Coffee and Doughnuts
	0800 - 1200	Classroom
	0900 - 1000	School/Bus Considerations
	1000 - 1200	Practical
	1200 - 1300	Lunch (Box Lunch) at Drill Yard
	1300 - 1700	Practical Session
	1700 - 1900	Catered Graduation Dinner at the Anawan Grange Hall
<b>Staff</b>	Classroom	Jordan Hewing and Petrogen (TBA)
	Practical	Ron Shaw, Lead Assisting: Chris Haley Petrogen Torch: TBA Logistics: Bud Fagundes

### Additional Course Information

#### **Classroom/Drill Yard Location:**

##### Classroom

**Anawan Grange Hall**  
Intersection of Rte-44/Winthrop Street  
and Rte-118/Bay State Street  
Rehoboth, MA

##### Practical

**Jerry's Auto Salvage**  
49R Summer ST  
Rehoboth, MA 02769

**Who may attend:** Both Rehoboth extrication programs are open to all responders (fire, police and military personnel) or other agencies and tow personnel desiring to cross train.

**Lodging:** Rehoboth, MA is located near the MA/Rhode Island border and is approximately (8) miles from Providence, RI. There are many bed and breakfasts and hotels/motels in proximity to Rehoboth, MA.

**Mandatory Attendance:** All attendees must complete the entire program in order to be issued a certificate of attendance. Students are expected to be in attendance from 0800 – 1700 hours daily.

**Certificates:** Each student will receive (1) 40-hour course certificate. For students desiring separate certificates for each module there will be a \$10 administrative fee for materials and processing. Should a student not be able to complete the entire program, but complete a training module, they are eligible for a certificate noting the modules completed.

**Registration:** All attendees for the 40-hour program must pre-register, walk-in students will only be allowed for the 8-hour new technology program scheduled for Wednesday June 8, 2011. Should a pre-registered student not be able to attend, a substitution student will be allowed for a \$25 administrative fee. Students not being able to complete the training may attend another open enrollment 40-hour program at another time for a \$25 administrative fee.

**Method of Payment:** Students may pay by personal or back check, Western Union or by credit card (Visa or MasterCard only). Municipalities or government agencies may pre-pay by government card, check or direct billing when using a purchase order.

**Refunds Policy:** Should there be an event that causes a program cancellation beyond our control we will offer a refund in the full amount. Extrication.Com's logistic procurement and staffing is based on number of pre-registered students. For this reason our company refund policy is prorated according to date of cancellation prior to the start date of the training program.

- 100% refund up to (60) days prior to the course start date.
- 90% up to (30) days prior to the course start date.
- 85% for less than (30) days prior to the course start date.
- No refunds will be given for missed training days once the course has started.

Students who have an excused absence may makeup the course modules missed at a future training program, and subject to available seating.

**40-hour Course Handouts:** All course handouts will be available as downloadable PDFs on a secured website after March 15, 2011. All students will be given the website link and a password. No printed material will be given at the course, students must use this method for required reading material. Students will be notified by email of any additional files added after this date.

**Student Package:** Included the 40-hour Basic-Advanced program:

- Course Handouts (manuals) available online.
- Coffee and snacks each morning during classroom.
- Lunch will be provided daily.
- Bottled water and snacks will be available each day during the practical sessions.
- Task Force Tip Res-Q-Me
- Task Force Tip Res-Q-Wrench
- Disposable Dust Masks
- Safety Glasses; (1) Pair
- Extrication.Com Carabineer
- Extrication.Com Bottle opener
- Extrication.Com Pen
- Extrication.Com 40-hour Course T-shirt
- Extrication.Com Student Lapel Pin\*
- Extrication.Com “Basic Skills” Embroidered Patch\*
- Extrication.Com “40-Hour” program Embroidered Patch\*
- 40-hour Program Certificate\*
- Additional Certificates to be Awarded by Manufacturer’s Representatives
- Graduation Dinner: June 10, 2011 from 1700-1900 hours at Anawan Grange Hall, Rehoboth (students may purchase additional meal tickets for guest).

\*Noted items will be given on completion of course.

## **Course Tuition Schedules**

### **40-hour Basic-Intermediate-Advanced Program**

Tuition: \$1,200; includes student handouts, box lunch meals and graduation dinner.

#### **Advanced Payment Discounts**

When paid by January 31, 2011: \$800 USD per student.

When paid by February 28, 2011: \$850 USD per student.

When paid by March 31, 2011: \$900 USD per student.

When paid by April 30, 2011: \$950 USD per student.

When paid by May 22, 2011 \$1,000 USD per student.

**Multiple (3 or more) Student Discounts:** \$800 when paid in advance or secured by a department purchase order.

**Alumni Students:** \$600 for prior Extrication.Com students having attended a previous 40-hour course, regardless of date.

**Registration Form:** All students must pre-register, the course registration form is available online or by email request: [rshaw@extrication.com](mailto:rshaw@extrication.com).

**Catered Box Lunch Form:** 40-hour students will need (5) copies for each day and choice for graduation dinner. Forms will be located in our student handout files located on our secured website. There will be no refunds for not eating meals provided.

**Accepted Methods of Payment:** Visa, MC, government credit card, personal/company check, Western Union or bank money order.

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Petrogen (oxy-gasoline) cutting torch learning station during 40-hour Heavy Machinery Program Olathe KS FD.

In the advanced segments of our program we provide learning stations for rescue cutting torches;

- Oxy-Gas
- Oxy-Gasoline
- Exothermic

Students desiring to participate should bring suitable clothing and leather work boots. Extrication.Com will not be responsible for clothing damage due to slag burns. We do offer the following welder's PPE: Leather chaps and welder's shirt, gloves, and goggles as a minimum protection.



Performing Modified Dash Roll with Hi-Lift Jack and Jack Mate: Vehicle on side.

Simply cutting up a heavy truck or a bus during training does not give students experience to cope with real world incidents involving the big rigs. Anyone having learned the basic skills of extrication can cut up a truck or bus in an upright position. Large vehicle incidents can be overwhelming for the responder unless they have had prior experience. Our advanced programs challenge the responder to properly address stabilization, spill control, fire control as well as providing extrication.



Stabilizing a complex scenario involving a school bus and (2) passenger vehicles during a 40-hour program in East Hartford CT FD.