

University of Extrication Vehicle Rescue Update

This one-day **University of Extrication Vehicle Rescue Update** program, presented by Ron Moore, is organized into a series of training 'modules'. Each module covers a different aspect of vehicle rescue and extrication. The first presentation, **Airbag Update 2012**, looks at the latest technology in airbag systems in vehicles today such as airbags that can actually inflate twice, the challenges of the newest 10,000 psi stored gas inflators, and new systems such as the carpet airbag and pedestrian airbags.

This second module is **Emergency Procedures for Hybrid Vehicles**. Seminar participants will get the latest updates on gasoline electric hybrid vehicles that are out there and what to do with them at an emergency scene.

The third training module, **Electric Plug-In Vehicles**, presents information on the new electric plug-in vehicles such as the Chevrolet VOLT and the Nissan Leaf. These vehicles can actually be plugged into an electrical outlet to recharge their new generation lithium-ion batteries. Learn the recommended protocols for dealing with this newest technology vehicle that is already on the road today.

A vitally important presentation called **Advanced Steels** will cover the challenges of the new structural steels being used in vehicles to increase their crashworthiness. Ron is the only rescuer in the world to date who has cut up seven new Chevrolet VOLT vehicles. With over 65% of their steel being Ultra-high Strength steels, he really knows what challenges lie ahead. Advanced Steel such as Boron that is talked about so much today is up to eight time stronger than the metal we typically find in vehicles and may be beyond the cutting capability of your rescue tools. Ron will explain what he learned during a full year of research on these steels and what you can do to prepare for Advanced Steels at your next crash scene.

The final presentation of the seminar is called **Safe Parking**. This presentation bring the pages of Firehouse Magazine to life as Ron Moore looks at the alarming trend of responders being struck and injured or struck and killed while working in or near moving traffic. Information on using vehicles for blocking, requirements for high-visibility clothing, and recommended safety protocols to keep you and your crew safe while out on the roadway are featured.

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- Airbag Update 2012
- Emergency Procedures for Hybrid Vehicles
- Electric Plug-In Vehicles
- Advanced Steels
- Safe Parking

As a bonus, all PowerPoint slide presentations used during all of the modules are included on a master CD that each agency attending this program will receive as part of the registration fees. Permission is granted by Ron Moore to use the information on the CD-ROM and incorporate it into your department's local-level training on vehicle rescue and extrication topics.

The training information presented within this one-day University of Extrication large group program meets the competencies of NFPA 1670, Chapter 8, Vehicle Rescue, Ops-level.

Presented by Ron Moore, Division Chief(ret.), McKinney (TX) FD and author of the University of Extrication series in Firehouse Magazine.