



presents

NEW VEHICLE TECHNOLOGY EXTRICATION/EV FIRE 2-DAY COURSE

New vehicle technology presents ever-changing challenges for rescuers. Students will gain an understanding of how vehicles have changed and will continue to change, along with the extrication and vehicle fire challenges these changes have created for responders. New metallurgy, design, construction, the 2017 glass standard, and safety system changes are addressed, as are the new fire challenges presented by hybrids, EVs, combustible metals, and lithium-ion battery-fueled fires. Reevaluation of current methods, tactics, and equipment is a recurrent theme. Changes, advances, and limitations in current fire and rescue technology are also covered. This program is based on the first-hand, ongoing relationship between the instructor and automotive engineers at Volvo, Ford, Mercedes-Benz, and lithium-ion vehicle battery manufacturers.



Carl J. Haddon

Carl J. Haddon started his fire service career in 1983 in Southern California. Since the early 1980s he has also served as a fire/safety director for numerous racing organizations, including Penske Motorsports, NASCAR, USAC and Mickey Thompson Racing. Carl also does consulting work for several fire service equipment manufacturers. Carl served as Asst. Chief and Fire Commissioner for North Fork F.D. in Idaho. He presently serves as a S.O.C. Rescue Specialist / Trainer for the State of Idaho and is assigned to the Salmon (River) Task Force. As a level 2 instructor, Carl has taught fire / rescue programs and done emergency planning across the U.S., China, and the South Pacific. He has been an FDIC instructor since 2012 and is a monthly columnist for Fire Apparatus Magazine (To the Rescue & Rurally Speaking) and is a member of the Fire Apparatus & Emergency Equipment Magazine editorial advisory board.

Lecture/Seminar

Friday September 29, 2023 6:00PM – 9:30PM

Orwell Town Hall (480 Main Street – next to Orwell Village School)

(Pizza and Refreshments provided)

Live Demo/Gallery Presentation

Saturday September 30, 2023 8:00AM – 5:00PM

Orwell Fire Station (604 Main Street)

(Refreshments and Lunch provided)

Early Registration up to Sept. 8: \$125.00 pp
Registration after Sept. 8 up to Sept. 25: \$165.00 pp
Checks payable and mailed with Registration Form to:

Orwell Fire Department

Attn: Treasurer

P.O. Box 124

Orwell, VT 05760

For questions: orwellvtfire@gmail.com





NEW VEHICLE TECHNOLOGY EXTRICATION/EV FIRE 2-DAY COURSE
September 29-30, 2023
REGISTRATION FORM

Early Registration up to Sept. 8: \$125.00 pp

Registration after Sept. 8 up to Sept. 25: \$165.00 pp

Checks payable and mailed with Registration Form to:

Orwell Fire Department

Attn: Treasurer

P.O. Box 124

Orwell, VT 05760

For questions: orwellvtfire@gmail.com

Name: _____

E-mail: _____

Contact number: _____

Department: _____

Rank/Position: _____

Check # _____ **Amount:** _____

Thank You!