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# **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.

### 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)

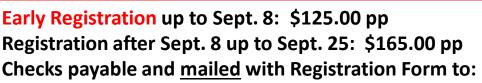
#### Live Demo/Gallery Presentation

Saturday September 30, 2023 8:00AM – 5:00PM Orwell Fire Station (604 Main Street) (Refreshments and Lunch provided)



#### 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.



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 <u>mailed</u> 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!	