



SAFETY SERVICE PATROL IDEA SHARING NETWORK WORKING WITH ELECTRIC VEHICLES

On March 2, 2023, SafeHighways.org hosted its 26th Safety Service Patrol Idea Sharing Network webinar. During this interactive session, SSP professionals and First Response experts discussed best practices for responding to incidents involving electric vehicles (EVs). Below is a list of resources that were discussed and shared during the call. If you would like to contribute additional resources relating to Electric Vehicles and Safety Service Patrols, please contact ssp@safehighways.org.

To view a recording of this session, please [click here](#).

Identifying an EV

It is increasingly difficult to identify an EV as badging is not required on the outside of the vehicle. The first step, if possible, is to ask the driver or passenger. Other things to look for include:

- Any vehicle badging
- Presence of an instrument cluster
- QR Code or EV indication on windshield or driver door
- License plate markers
- Cabling routes: These can be identified by the High Voltage (HV) orange conduit and other components may be marked with a warning sticker
- Is there a front grill? Many EVs do not have a front grill.
- Presence of a charge port: Some EVs have the charge port located under a flap in the front grill or as part of a light fitting, making it hard to identify

Important Links and Resources:

- [EV Manufacturers Emergency Response Guide](#): The National Fire Protection Association (NFPA) actively maintains a collection of Emergency Response Guides from 35+ alternative fuel vehicle manufacturers. The guides are free to download.
- [Energy Security Agency \(ESA\)](#): The ESA provides comprehensive training solutions and support services for first responders working with Electric or Hybrid Vehicles. They offer a 24/7 support line at (855) 372-7233.
- [National Transportation Safety Board \(NTSB\) Report](#): Safety Risks to Emergency Responders from Lithium-Ion Battery Fires in Electric Vehicles

Resources continue on page 2.

Thank you to the 120+ participants representing the following 32 states and Washington D.C. for joining us on this important topic:

- Alabama
- California
- Colorado
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Louisiana
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Missouri
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Pennsylvania
- Rhode Island
- South Carolina
- Tennessee
- Texas
- Utah
- Virginia
- Washington
- Washington D.C.
- Wisconsin

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Important Links and Resources (cont.):

- [NTSB Lithium-Ion Battery Fires in Electric Vehicles - Safety Risks to Emergency Responders](#) (Video)
- [Towing Hybrid & Electric Vehicles - ESA](#)



- [Portable Charging Solutions for EVs](#)
- [AAA's Mobile Electric Vehicle Charging](#)
- [EV Challenges from the SSP Perspective](#): Slides presented by Ron Moore during the SSP Idea Sharing Network Session
- [Emergency Response Guide: Tesla Model 3](#)
- [Emergency Response Sheet: Tesla Model 3](#)
- [Alternative Fuel Vehicles Training Program for Emergency Responders Online Training](#)
- [NFPA Electric and Hybrid Vehicle Quick Reference Card](#)



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