EMERGENCY TRAINING SOLUTIONS, LLC
Saving Lives Is Your Business...Training You For It Is Ours
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Responding to Hybrid Vehicle Incidents
Quick Reference Guide

General Information

- Most hybrid vehicles look similar to their standard model counterparts.
- Orange cables are used to indicate high-voltage wiring (greater than 60v DC).
- Yellow or Blue cables indicate intermediate-voltage wiring (greater than 30v DC and less than 60v DC)
- High-voltage NiMH batteries are not considered a spill hazard as they are a dry cell battery.
- Immobilize vehicle as soon as possible to prevent unexpected movement.

Standard Disabling Techniques

- Option #1
  - Remove ignition key and place it on the dashboard. In vehicles equipped with a "Smart Key", move the "key" a minimum of 16 feet from the vehicle.
  - Disconnect the 12v battery.
- Option #2 (if ignition key is not accessible)
  - Disconnect 12v battery.
  - Remove high-voltage fuse in engine compartment fuse box.
    - Due to the difficulty in trying to remember which fuse controls the high-voltage system in each hybrid make and model, just pull all the fuses in the engine compartment fuse block to ensure that the proper one is removed.
- Additional considerations specific to certain vehicle makes and models can be found on the reverse side.

Hybrid Vehicle Fires

- Use an offensive attack if the NiMH batteries are not involved.
- Use a defensive attack if the NiMH batteries are involved.

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Hybrid Model	Battery	Battery Location	Identification	Vehicle Specific Items
Ford Escape/ Mercury Mariner	300v-330v	Rear of vehicle under cargo area carpet	▪ Hybrid logo on lift gate, front driver and passenger doors ▪ Driver's side rear quarter glass has battery vent	▪ Remove high voltage service disconnect switch on the HV battery in the rear cargo area
Honda Accord	144v	Behind rear seat	▪ Hybrid logo on rear of vehicle ▪ Battery vent on rear deck	
Honda Civic	144v	Behind rear seat	▪ Hybrid logo on rear of vehicle ▪ Battery vent on rear deck	
Honda Insight	144v	Under rear cargo area	▪ Unique aerodynamic shape ▪ Insight and hybrid logo on rear of vehicle	
Toyota Prius 1st Generation (2001-03)	274v	Behind rear seat	▪ Hybrid logo on trunk ▪ Battery vent on the driver's side C-pillar	
Toyota Prius 2nd Generation (2004-)	201v	Behind rear seat	▪ Hybrid Synergy Drive logo on rear hatchback door	▪ If equipped, use the disable "Smart Key" button under the steering column ▪ Keep "Smart Key" 16 feet from vehicle
Toyota Highlander	288v	Under second row seat	▪ Hybrid Synergy Drive logo on the lift gate	
Toyota Camry	245v	Behind rear seat	▪ Hybrid logo on trunk , driver and passenger front fenders ▪ Battery vent on rear deck	▪ Keep "Smart Key" 16 feet from vehicle
Lexus RX 400h	288v	Under second row seat	▪ Lexus RX 400h on the lift gate	
Lexus GS 450h	288v	Behind rear seat	▪ GS 450h logo on trunk and hybrid logo on the rear doors	▪ Keep "Smart Key" 16 feet from vehicle
Nissan Altima	245v	Behind rear seat	▪ Hybrid logo on front doors and trunk ▪ Battery vent on rear deck	▪ 12v battery is located in the trunk ▪ NiMH battery service disconnect in the trunk ▪ Keep "Intelligent Key" 16 feet from vehicle
Chevy Silverado/ GMC Sierra	42v	Under rear seat	▪ Hybrid logo on the doors and dashboard	▪ Manual disconnect on passenger side of the battery storage area under rear seat ▪ Uses lead-acid batteries
Saturn VUE	36v	Behind rear seat under cargo area	▪ Hybrid logo on front doors and rear hatchback	▪ Blue cable for 36v hybrid electrical system ▪ NiMH battery service disconnect under access plate