Overview

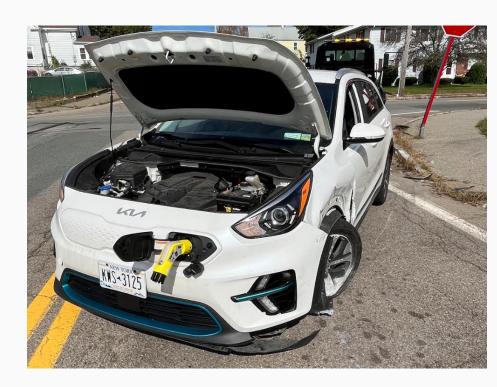
- There are no universally accepted tactics
- Plan on a long term operations
- Plan on relocation
- Plan on a storage location



Electric Vehicle

• Accident:

- Be prepared for fire
- Hoseline in the street if EV is damaged
- Secue the vehicle
- Disable vehicle with emergency plug
- Evaluate mechanism of damage



Electric Vehicle

• Accident:

- Be prepared for fire
- Hoseline in the street if EV is damaged
- Secue the vehicle
- Disable vehicle with emergency plug
- Evaluate mechanism of damage
- Anticipate firefighting
- Extrication Operations



Electric Vehicle

• Vehicle Fire

- Extinguishment is with water
- Foam and extinguishers are ineffective
- Attack line on vehicle as normal
- Cooling nozzle underneath on battery
- Allow the vehicle to burn
- Submerge in a dumpster





Electric Vehicle

• Vehicle Fire

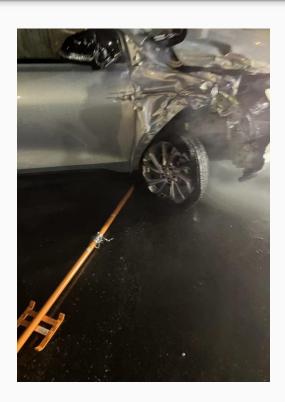
- o Establish a plan
- Anticipate water needs
- Anticipate a long term operation
- Tactical Relocation



Electric Vehicle

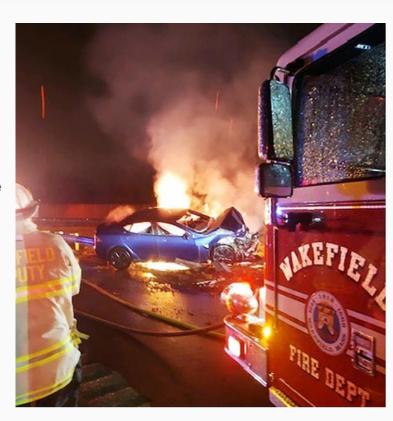
Location - Garaged

- Extinguish visible fire
- Cover with a fire blanket
- Continue to apply water on battery until ready to move outside
- Plan on a vehicle removal operation
- Underground / Under structure parking
- Parking garage
- Residential garage



Electric Vehicle

- Location Highway or Major Road
 - Extinguish visible fire
 - Cover with a fire blanket
 - Continue to apply water on battery until ready to move
 - Plan on a vehicle removal operation
 - Move to an area to complete extinguishment
 - Move to an area with a water supply
 - Re-open the highway



Vehicle Dolly

Mechanics vehicle dollies

Remove from a parking spot

Remove from a garage

Remove from an exposed area



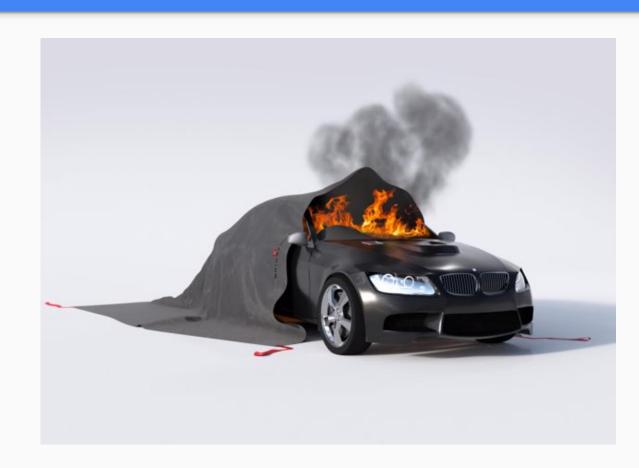
Car Fire Blanket

Fire Blanket

Extinguishment

Exposure Protection

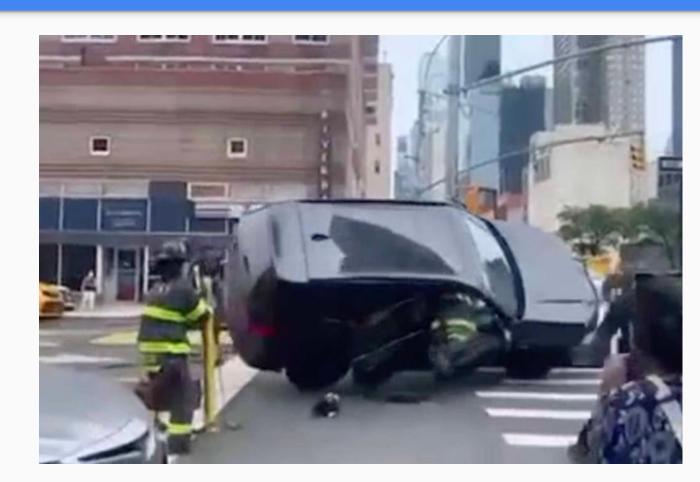
Tow protection



Emergency Plug

Secure the vehicle

Wheel chocks may not be effective

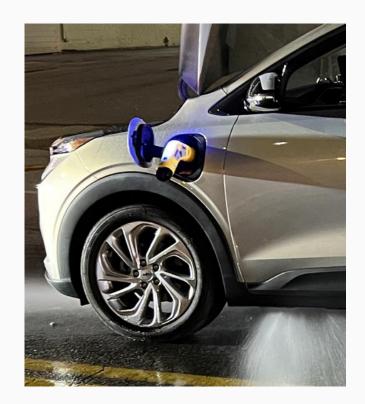


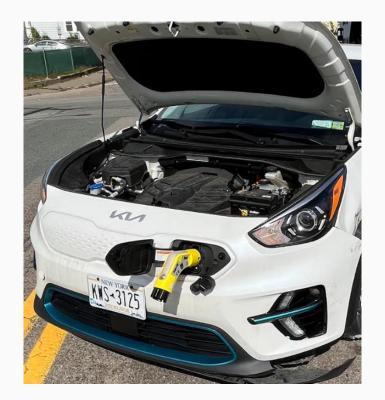
Emergency Plug

Secure the vehicle

Each vehicle manufacturer may operate differently

Wheel chocks may not be effective





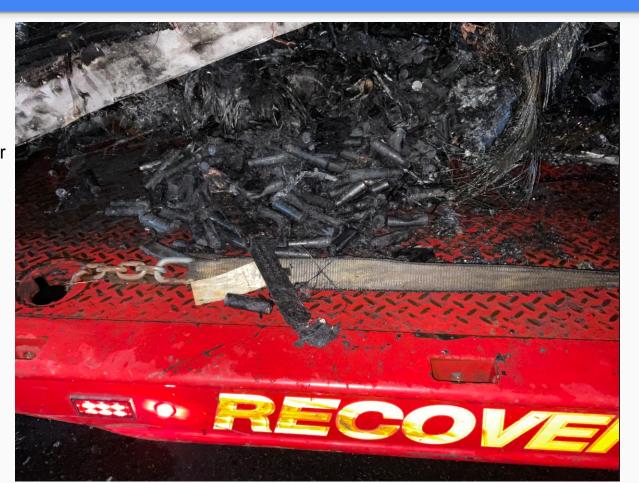
- Authority to determine tow company
- Plan
- Qualified to tow
- Approved storage location



- Fire extinguished
- Batteries cooled
- 45 minutes of no fire activity
- Covered in fire blanket



- Batteries unsecured
- Placed in roll-off dumpster



- Police escort
- Fire escort
- Off-Load



EV Fire Nozzle

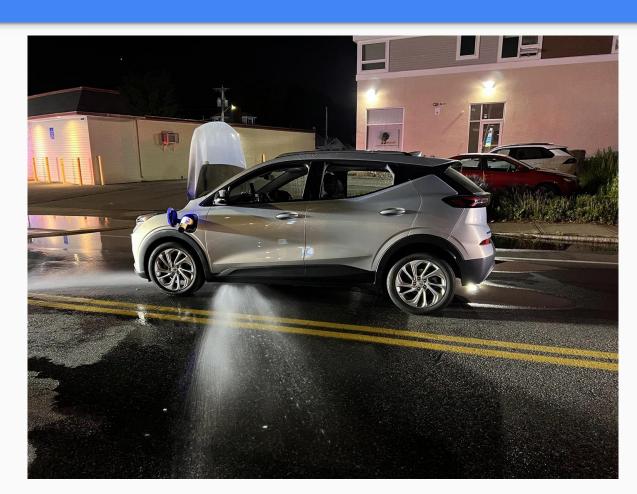
Placed under the vehicle

Water is applied directly to where it needs to be

Reduces water supply demand

Reduces runoff

Unmanned



Electric Vehicle Fires

- There are no universally accepted tactics
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- Plan on relocation
- Plan on a storage location



