First Response Guide - Proterra Catalyst FC Electric Transit Bus

- **WARNING**: Allow 2 minutes for the high-voltage system to de-energize after disabling the Master Switch and 12/24V Master Disconnect.
- **WARNING**: When handling a submerged vehicle, failure to wear proper PPE could result in serious injury or death.
- **WARNING**: When fire is present, always wear appropriate PPE, including self-contained breathing apparatus.

- IMPORTANT!: In the case of a battery fire:
  - Establish a 20-foot radius "safety zone" around the vehicle.
  - Use abundant amounts of water to extinguish a battery fire. Do not use ABC fire extinguishers to put out a battery fire.
  - Extinguishing efforts should be focused at the battery enclosure for maximum effectiveness.
  - DO NOT extinguish battery fires with a small amount of water. Establish an additional water source as battery fires can take up to 24-hours to burn out.
  - Use a thermal imaging camera to ensure all heat sources are extinguished.

**ORANGE** indicates areas of high-voltage “no-cut” zones.

- High-Voltage Lines (Interior Streetside Overhead to B-Pillar)
- High-Voltage Lines (B-Pillar to Dash)
- HVAC System
- HVAC Junction Box
- High-Voltage Lines (Rooftop)
- High-Voltage Lines (Interior Rear Chase)
- Air Compressor
- Drive Motor (centered under rear of vehicle)
- DC-to-DC Converters
- High-Voltage Charge Port
- 12/24V Master Disconnect (behind access panel)
- Defroster
- Power Steering Motor and Pump
- High-Voltage Battery Packs
- High-Voltage Lines (centerline below floor)
Proterra Catalyst FC Electric Transit Bus - Manual Shutdown

Important: The following actions will shut down the electrical systems on the bus.

1. Set the Parking Brake by pulling the **yellow knob** on the driver’s lower left panel:

2. Turn the **Master Switch** at the Drivers Left Console to the OFF position, which controls the electrical systems:

3. Open the curbside rear access panel and turn the **Vehicle Master Disconnect** switch to the OFF position: