EMERGENCY MANUAL SHUTDOWN
For GILLIG Battery Electric Bus

1 Set the parking brake and then turn the master run control to “OFF” position.

NOTE: Proceed to Step 2 even if Step 1 cannot be completed.

2A OR 2B

2A Rotate front disconnect switch to “OFF” position (Front of Bus)

2B Rotate rear disconnect switch to “OFF” position (Rear of Bus)

3 Inform emergency personnel of the onboard high-voltage components
   (See the reverse side of this card)

4 Wait ten minutes after shutdown before accessing high-voltage components
   (This is a mandatory safety discharge period)

System Manufacturer: Cummins
Model: BES CM 2450 EV101B
Emergency Call: 1.800.CUMMINS (1.800.286.6467)
**PRECAUTIONS**
For GILLIG Battery Electric Bus

**BATTERY WARNING**
- Lithium ion batteries contain flammable liquid electrolyte that may vent, ignite, and produce sparks when subjected to temperatures higher than 150°C (302°F) when damaged.
- Do **NOT** step on top of batteries
- Burning cells can ignite other batteries in close proximity.
- The interaction of water or water vapor and exposed lithium hexfluorophosphate (Li PF6) may result in the generation of hydrogen and hydrogen fluoride (HF) gas.
- Contact with battery electrolyte may be irritating to skin, eyes, and mucous membranes.
- Fire will produce irritating, corrosive, and/or toxic gases.
- Fumes may cause dizziness or suffocation.

**FIRE WARNING**
In case of fire:
- Wear a positive pressure self-contained breathing apparatus (SCBA); structural firefighting clothing is required.
- Extinguish fires using an **ABC extinguisher**
- Do **NOT** use a Class D extinguisher.

**PROTECTIVE EQUIPMENT**
If working near high-voltage cabling or components, use 1,000 VDC, Class 00 electrical gloves, rubber-soled shoes, and make sure you and the environment are perfectly dry.

**HIGH-VOLTAGE WARNING**
Operating voltage of the Cummins electric drive system is **750 VOLTS**! HVIL (high-voltage interlock loop) systems protect all circuits and components, but it is still possible to receive a fatal electric shock from the high-voltage system.
- Avoid cutting and handling orange high-voltage cables and components, as this could result in severe injury or death!
- See the reverse of this card for system shutdown information.

**HIGH VOLTAGE SYSTEMS & COMPONENTS**

**System Manufacturer:** Cummins  
**Model:** BES CM 2450 EV101B  
**Emergency Call:** 1.800.CUMMINS (1.800.286.6467)