

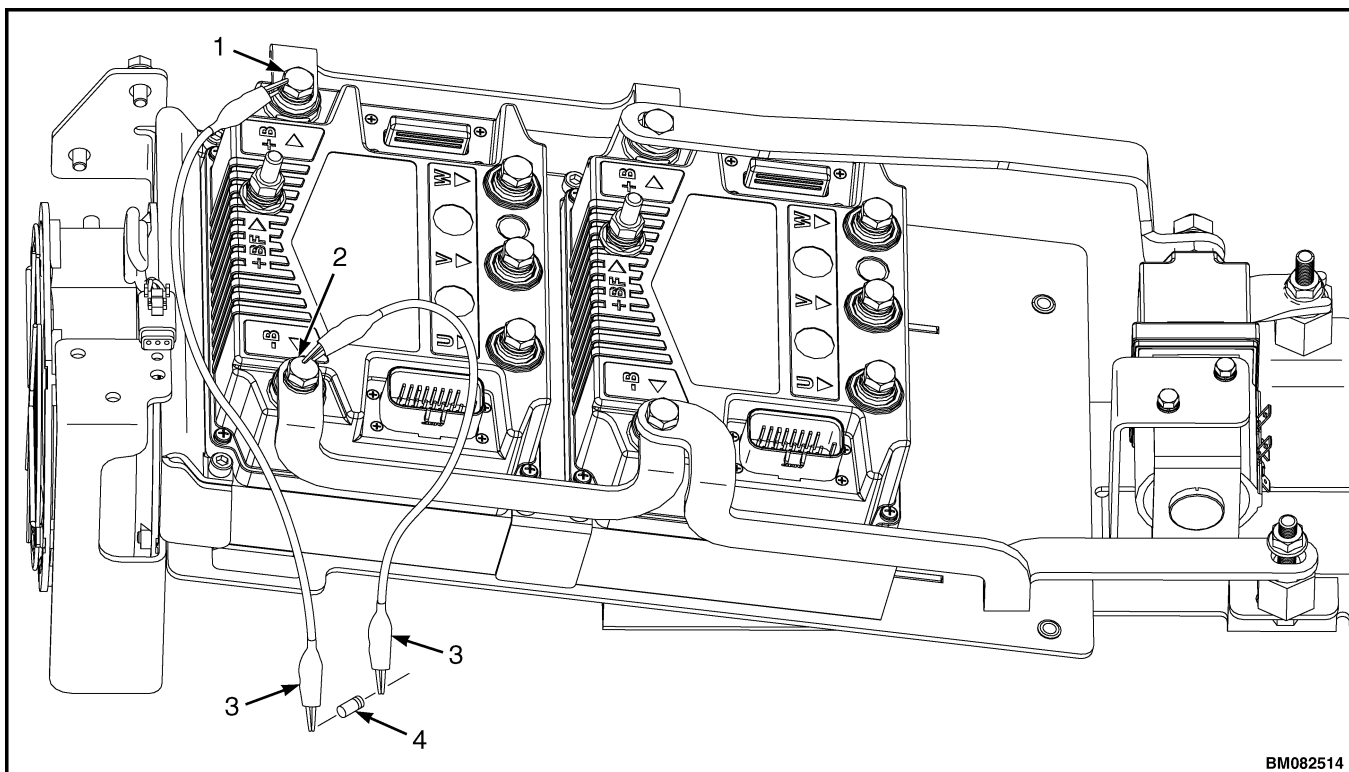
**WARNING**

To avoid personal injury and prevent electrical shock, perform the following steps before performing any troubleshooting or adjustments, and connecting or disconnecting a handset or PC.

**CAUTION**

To avoid controller damage, always disconnect the battery. Discharge the capacitor and never put power to the controller with any power wire disconnected. Never short any controller terminal or motor terminal to battery. Make sure to use proper procedures when servicing the controller.

1. Move the lift truck to a safe, level area and completely lower the mast. Turn the key switch to the **OFF** position and attach a **DO NOT OPERATE** tag to the control handle. Block the drive wheel to prevent unexpected movement.
2. Disconnect the battery power cable connector from the truck connector located on the right side of the frame. Pull the battery cable connector handle to separate the battery connector from the truck connector.
3. Remove the operator compartment cover. See the **Frame** manual listed above, for procedures.
4. Discharge the internal capacitor in the controllers by connecting a 200-ohm, 2-watt resistor across the controller B+ and B- terminals of the motor controller for 10 seconds. Remove the resistor after discharging the capacitors. See Figure 1, Figure 2, and Figure 3.



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| 1. POSITIVE CONNECTION (B+) | 3. INSULATED JUMPER WIRES |
| 2. NEGATIVE CONNECTIONS (B-) | 4. 200-OHM, 2-WATT RESISTOR |

Figure 1. Discharging the Internal Capacitors - Utility Lift Trucks (24V/36V)