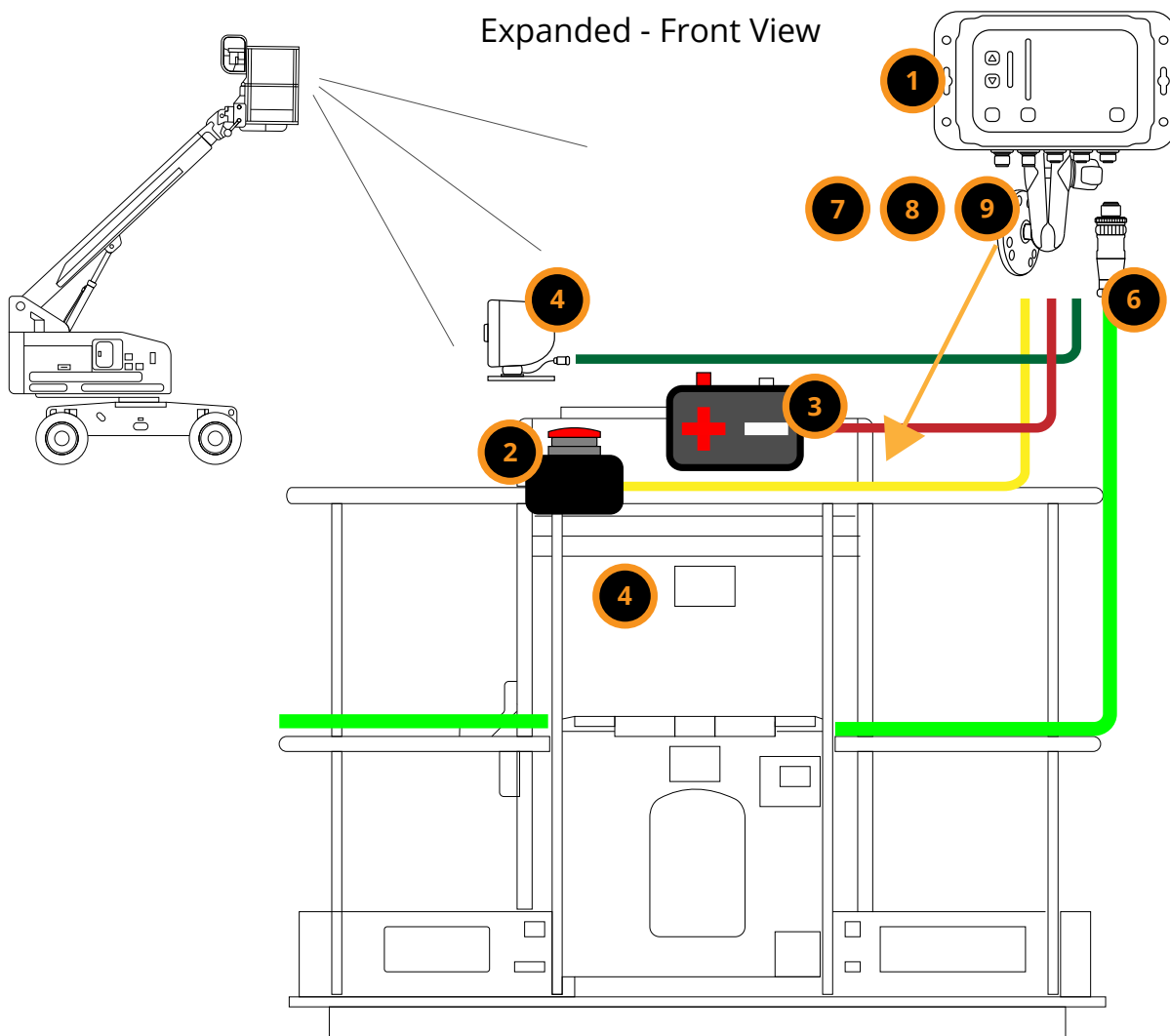




01 | VOLTEK 2™ INSTALLATION GUIDE - BOOM LIFTS

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1. VOLTEK 2™
2. Estop/Shutdown cable (optional)
3. Power cable
4. External siren (optional)
5. Antenna cable - inactive (shielded)
6. Antenna cable - active (unshielded)
7. Mounting bracket - adapter plate (optional)
8. Mounting bracket - (optional) RAM® Round Plate with Ball (RAM® Part #: RAM-B-201U-A)
9. Mounting bracket - (optional) RAM® Double Socket Arm - B Size Short (RAM® Part #: RAM-B-201U-A)



Installation instructions

- 1 Voltek™**
Install in a accessible location with easy access by the operator
- 2 E-Stop activation/Electric over hydraulic control shutdown cable (Optional)**
NOTE: THIS FEATURE IS OPTIONAL AN NOT RECOMMENDED FOR UNSECURED OR SWINGING LOADS WHICH CAN CAUSE MACHINE TO TIP BY SUDDEN STOPPING MOVEMENT.

 1. Plug E-Stop/Shutdown cable into main unit by threading the connector clockwise until tight.
 2. Identify system or function to be controlled by this feature. Consult wiring schematics of your machine to properly identify the circuit to be controlled.

NOTE: For boom lifts: most circuits are located in control box underneath the main controls in the basket-consult owners manual/schematics for proper identification).

 3. Splice provided wires into circuit (see the Voltek 2 installation guide in the owner's manual for more information). This creates a loop that is controlled with a relay in the Voltek. When SHUTDOWN is indicated, the relay opens breaking the continuity of the integrated system causing the equipment to stop or shut down.
- 3 Power Cable**
Plug power cable into connector on bottom of the Voltek 2 and route to a 12-24V power source on your equipment. A 5A fuse is required for connections direct to the battery. NOTE: For boom lifts: Power is usually accessible in the control box located underneath the main panel in the basket-consult equipment manual or schematics details.)
- 4 External Siren (Optional)**
Mount the external siren in desired location. Plug cable into connector o-n bottom of the main unit and route the cable to external siren and plug in.
NOTE: For boom lifts, the siren can be mounted to the back of the control box or any other location in the basket.
- 5 Shielded/Inactive Antenna Cable**
The shielded/inactive antenna cable is not needed for most installations where the antenna will be near the Voltek 2 main unit. (i.e. boom lifts where the Voltek is mounted by control panel and antenna is attached around the basket rails).
- 6 Unshielded/Active Antenna Cable (Linear Wire Antenna)**
Plug unshielded/active antenna cable into shielded antenna cable end. Install the antenna cable along the top or middle rail of the basket with zip ties or straps. The antenna should never be less than 10' in length. Strip back antenna cable jacket (approx 1") at the end of the antenna, exposing both internal wires. Strip internal wires (18 gauge) and terminate together.

Important Note:
The two internal wires must be terminated together forming a loop. This is required in order to have correct functionality and to be able to alert the operator of an antenna fault if the cable is cut or damaged.
- 7 8 9 Mounting Bracket Components (optional)**
Mount bracket near boom lift control panel in the basket using provided mounting system.