



BlueCool Truck System - Battery Connections

General:

Always consider the following possible causes for system malfunction before troubleshooting individual components of the BlueCool Truck parking cooler system:

- Blown fuses or no power at fuses.
- Corrosion on battery terminals and connections.
- Corrosion on harness terminals and connections.
- Loose terminals and connections or loose crimping of terminals.
- Improperly routed cables or improper connection points.

Battery Connections:

Study the illustrations below. These illustrations show the proper or preferred method of connection on a four battery and a three battery system.

As shown, the battery connections to the inverter are connected with the positive cable sharing a post with the starter / charging system connection. This will reduce the possibility of voltage drop during inverter power-up and “break-away” load surge when the AC compressor motor starts up.

Note that the system harness does not share the same terminals as the inverter cables.

Do not connect the system harness to the inverter input terminals. Doing so will void the warranty.

Correct improper connections where necessary.

