

Quick troubleshooting Guide

TUN-QTSG-0519-EN_A1

For power inverter models M1500 – M2000 – M2500 – M3000

ANNEX 1



DC/AC POWER INVERTERS

DYNACRAFT BATTERY CABLES MODIFICATION

Dynacraft battery cables have certain deficiencies when it comes to installing high-power devices such as power inverters. Their partially sealed and massive design prevents the addition of a third terminal on battery posts. The following procedure also intended to favor resistance-free connectivity and reduce corrosion that could accumulate inside the connector sheaths.

1. **Remove the steel washer** on all cables and links. This washer tends to rust quickly and can cause premature resistance in the various connections (**pictures 1 & 2**).

Note: If the cables and links have more than 6 months of wear, the washer may be difficult to remove.

Picture 1



Picture 2



2. Using a utility knife, remove the insulation that covers all relevant terminals. Be careful not to scratch the tin coating, as it may accelerate corrosion over time (**pictures 3 & 4**).

Picture 3



Picture 4



3. Install the cables in the following order (**pictures 5 & 6**):

- A. Dynacraft cables
- B. Power inverter cable

Note:

- A. Never install more than 3 power cables per post.
- B. Properly tighten the nuts at 80 to 100 in-lb. Do not overtighten!

Picture 5



Picture 6



REFERENCE: TUN-NL_DYNA-1114-EN / Published November 24, 2014