

## OBDC-GFP/2 Kit

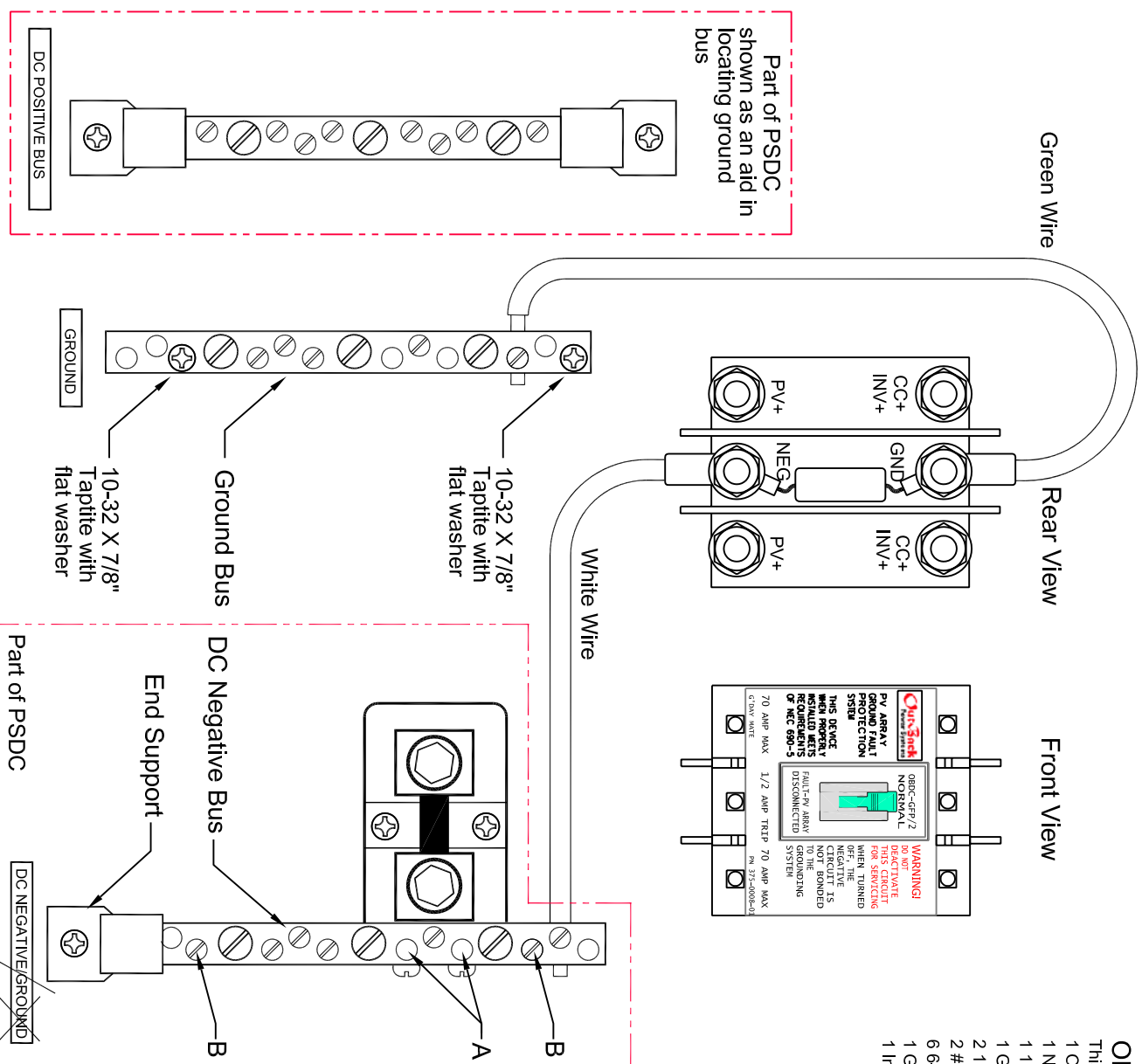
This kit contains:

- 1 OBDC-GFP/2 assembly (PN 522-0001-2)
- 1 Negative Bus end support (PN 336-0002-1)
- 1 10-32 x 7/16" Taprite mounting screw (PN 601-0004-1), negative bus end support mounting
- 1 Ground Bus (PN 372-0002-2)
- 2 10-32 x 7/8" Taprite screws (PN 601-0007-1), ground bus mounting
- 2 #10 Flat washers (PN 603-0004-1), ground bus mounting
- 6 6-32 X 1/4" machine screw (PN 606-0002-1), breaker mounting
- 1 Ground Label (PN 375-0013-1)
- 1 Instructions (this sheet) (PN 900-0008-1)

## Installation: Into an Outback PSDC Enclosure

(for installations not utilizing the PSDC, follow the wiring diagram on the reverse side of this sheet).

1. Remove the DC Negative Bus from the shunt and discard the standoff and long screw. Keep the 2 small brass screws from the shunt to reattach it later.
2. Remove the screws labeled "A" and install into "B" locations.
3. Reinstall the Negative Bus to the shunt as shown using the wire insertion holes located under "A" threaded holes.
4. Install the Negative Bus end support using the 10-32 x 7/16" Taprite screw.
5. Install the new Ground Bus approximately as shown using the 10-32 x 7/8" screws and #10 flat washers under head of screws. This is now your chassis ground.
6. Connect the Green ground wire from the OBDC-GFP/2 module to the new ground Bus.
7. Connect the White wire from the OBDC-GFP/2 module to the DC Negative Bus.
8. Remove the word "GROUND" from the sticker labeled "DC NEGATIVE/GROUND". Install the GROUND label supplied with this kit next to the new Ground Bus.
9. Up to 60 amps of PV array can be connected to each of the "PV+" circuits on the GFP module. PV negative wires connect to negative bus.
10. The CC+ / INV+ posts connect to the Plus input of a charge controller or directly to the plus input of a batteryless line the inverter.



Part of PSDC shown as an aid in locating ground bus

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Information on this drawing is proprietary to Outback Power Systems Inc.

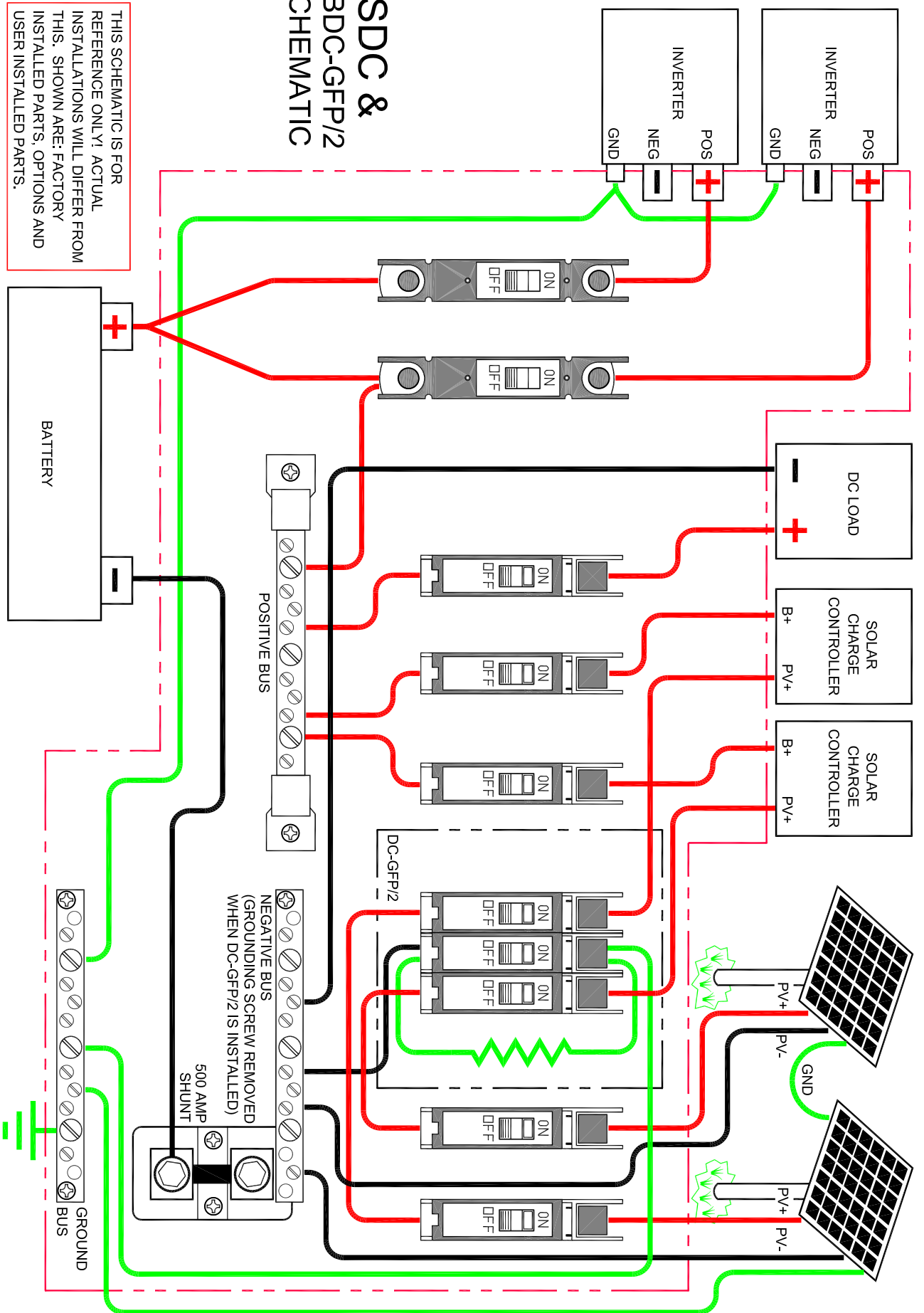
Tolerances  
XX = ±.02  
XXX = ±.010  
Angles ±2°  
Unless otherwise noted  
Break all sharp corners

File Name: Robin Gudge  
File Name: 9-30-01

Title: OBDC-GFP/2 Instructions

File Name: 900-0008-1

Sh't 1 of 2 REV B



# PSDC & OBDC-GFP/2 SCHEMATIC

THIS SCHEMATIC IS FOR REFERENCE ONLY! ACTUAL INSTALLATIONS WILL DIFFER FROM THIS. SHOWN ARE: FACTORY INSTALLED PARTS, OPTIONS AND USER INSTALLED PARTS.

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