

A17-46210/46220

ALARM AND CONTROL BLOCK MODIFICATION KIT

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About this Practice:

This practice has been reissued to:

- Reword step 8 in *Installation* section.

Reissued Practices: Updated and new content can be identified by a banner in the right margin.

Issue date: August 1998

UPDATED

CAUTION

- Install or remove modules from the shelf only when the power is off. If you install a module in the shelf with the power on, the internal circuitry may suffer damage and the product warranty will be void.
- Remove and install circuit boards only in a static-safe environment (use antistatic wrist straps, smocks, footwear, etc.).
- Keep circuit boards in their antistatic bags when they are not in use.
- Do not ship or store circuit boards near strong electrostatic, electromagnetic, magnetic, or radioactive fields.
- For more complete information on electrostatic discharge safety precautions, refer to Bellcore™ Technical Reference # TR-NWT-000870.

ORDERING INFORMATION

NOTE: This section lists the different options available for this product. To order any of the available options, contact Dantel Inside Sales through our toll-free number, **1-800-432-6835**.

OPTION NUMBER	FEATURES
A17-46210-00	Upgrade kit for 46210-00 Alarm Blocks
A17-46220-00	Upgrade kit for 46220-00 Alarm and Control Blocks
A17-46220-01	Upgrade kit for 46220-01 Alarm and Control Blocks

GENERAL DESCRIPTION

The 46210 Alarm Block and 46220 Alarm and Control Blocks are often equipped with A80-00509-00 Bypass Subassemblies. This Installation Guide documents the procedure necessary to replace that subassembly with the new A80-00509-01 Subassembly.

The new subassembly provides a digital ground to pin 32N of the 46210 or 46220 Alarm Block. Connecting this digital ground to battery (signal) ground prevents damage to the unit in the event that battery ground is lost.

INSTALLATION

The steps listed below will guide you through the process of replacing the existing bypass subassembly (A80-00509-00) with the new subassembly (A80-00509-01).

SUBASSEMBLY INSTALLATION

1. Remove miscellaneous fuse panel fuse feeding this unit, if used.
2. Open the 46210-46220. (Refer to Fig. 1) Pull the Power Supply and CPU boards down from the other circuitry. (Refer to Fig. 2)

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INSTALLATION

FIG. 1 - OPENING THE 46210/46220

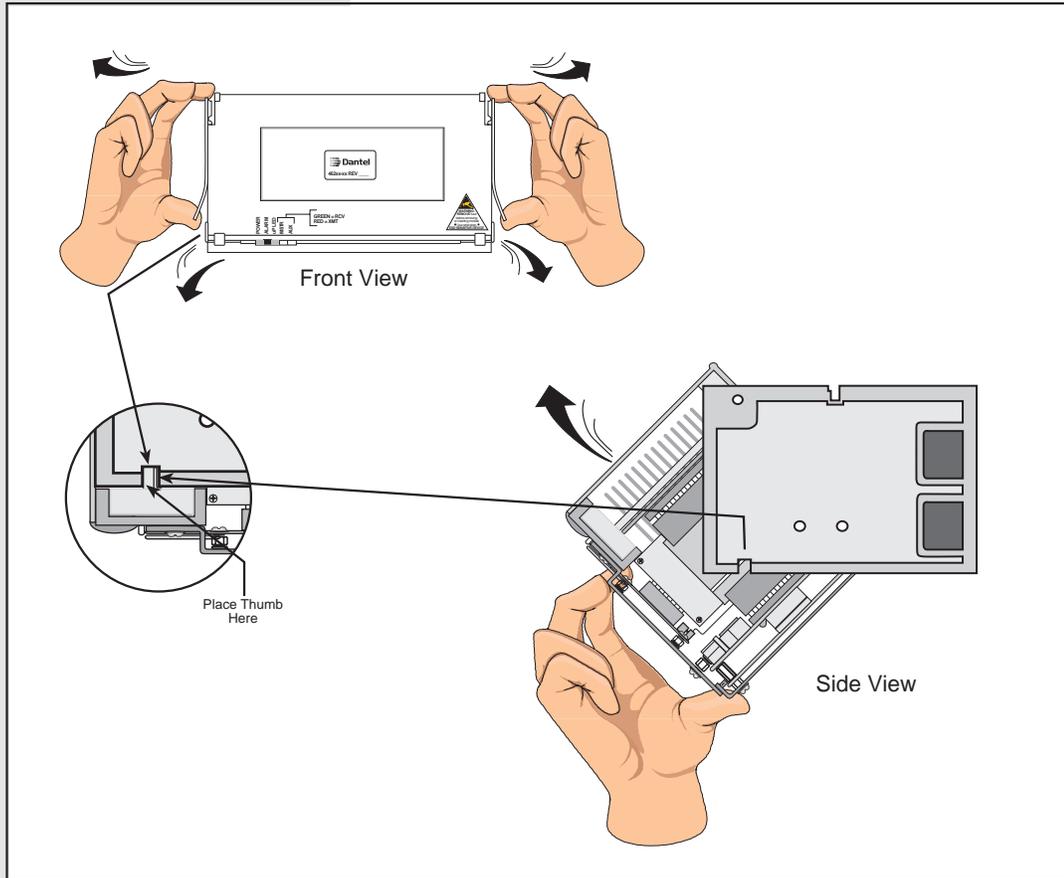
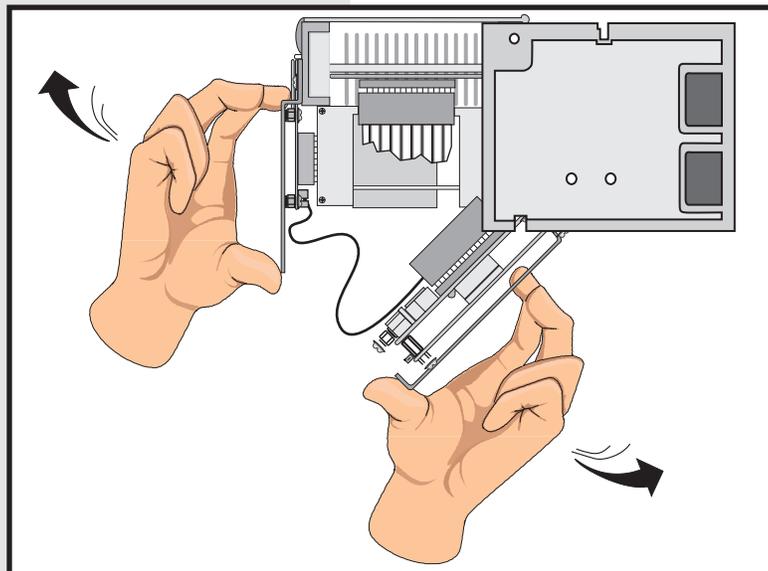


FIG. 2 - PULLING DOWN THE POWER SUPPLY AND CPU CARDS

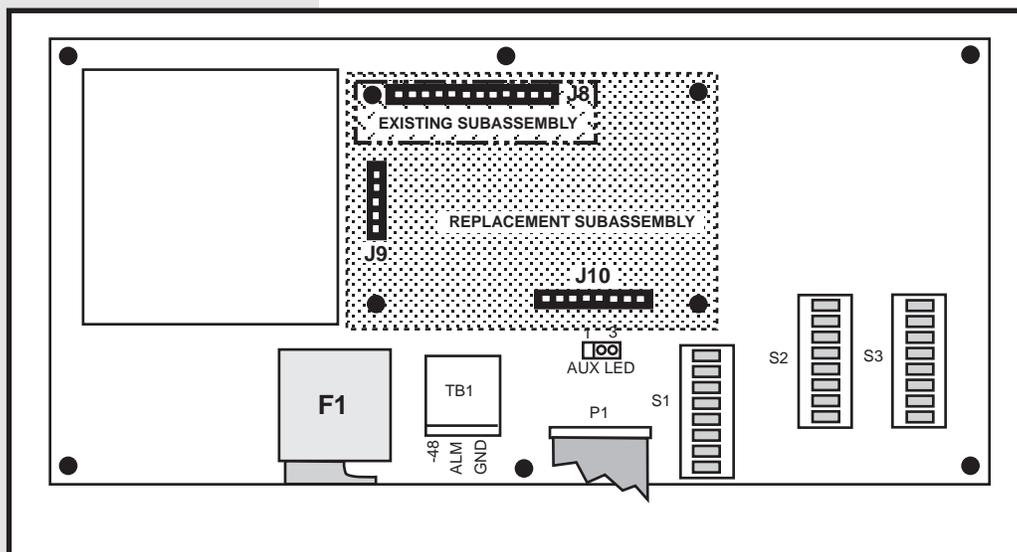


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INSTALLATION

3. Remove fuse F1. (Refer to Fig. 3)
4. Remove the existing bypass subassembly by removing the screw and gently prying the subassembly out. (Refer to Fig. 3.) Also remove the three screws from the other three stand-offs.

FIG. 3 - POWER SUPPLY BOARD COMPONENT LOCATION



5. Install the new A80-00509-01 bypass subassembly.

NOTE: There are pins on three sides of the new subassembly. These pins fit into J8, J9, and J10 on the Power Supply card. Verify that all pins fit straight and snug in these connectors.

6. Secure the new subassembly with the four screws removed in step 4.
7. The new A80-00509-01 bypass subassembly provides a digital ground to terminal pin 32N. Two wires must be installed to take advantage of this. Using 24AWG solid wire provided with the modification kit, connect a black 6 inch long jumper wire from terminal pin 32N to pin 30N. Dress the extra jumper wire below row N.

NOTE: When installing the jumper in step 7, use no more than five (5) turns on the wire wrap pin.

8. Using the 36" long, black, solid wire provided with the modification kit, connect a jumper from terminal pin 32N to battery return ground on power plug TB1 (refer to Fig. 3.)

NOTE: The jumper in step 8 needs to be of sufficient length to leave a service loop and allow the block to open.

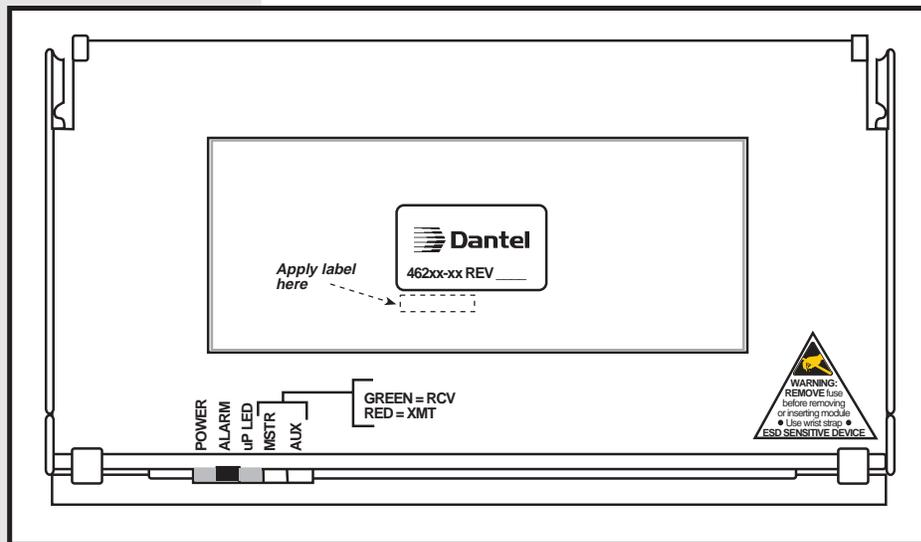
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INSTALLATION

9. Reinstall the fuse F1, gently push the Power Supply and CPU boards back in place, and close the unit. Reinstall the miscellaneous fuse panel fuse, if used.
10. The modification kit includes three labels for the front panel; one for a 46210-00, one for a 46220-00, and one for a 46220-01 unit. Identify the correct label for your unit and place it on the plastic front cover. (Refer to Fig. 4) This will identify the kit installed and complete the installation procedure.

FIG. 4 - LABEL LOCATION



WARRANTY

LIMITED WARRANTY

The Seller warrants that the standard hardware products sold will be free from defects in material and workmanship and perform to the Seller's applicable published specifications for a period of 18 months for hardware, and 3 months for software, from the date of the original invoice. The liability of the Seller hereunder shall be limited to replacing or repairing, at its option, any defective products which are returned F.O.B. to the Seller's plant, (or, at the Seller's option, refunding the purchase price of such products). In no case are products to be returned without first obtaining permission and a customer return authorization number from the Seller. In no event shall the Seller be liable for any consequential or incidental damages.

Equipment or parts which have been subject to abuse, misuse, accident, alteration, neglect, unauthorized repair or installation are not covered by warranty. The Seller shall make the final determination as to the existence and cause of any alleged defect. No warranty is made with respect to custom equipment or products produced to the Buyer's specifications except as specifically stated in writing by the Seller in the contract for such custom equipment.

This warranty is the only warranty made by the Seller with respect to the goods delivered hereunder, and may be modified or amended only by a written instrument signed by a duly authorized officer of the Seller and accepted by the Buyer.

Warranty and remedies on products not manufactured by the Seller are in accordance with warranty of the respective manufacturer. THE SELLER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED; AND ALL IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEEDS THE AFORESAID OBLIGATIONS IS HEREBY DISCLAIMED BY THE SELLER.

IN CASE OF DIFFICULTY

If you experience difficulty with this equipment, check the following, as appropriate:

1. Switch settings
2. Signal levels
3. Software configuration
4. Connections between Dantel's equipment and your equipment.

If there is still a problem, substitute equipment that is known to be good. For additional assistance, call Dantel's Technical Field Service Department weekdays, 6 A.M. to 5 P.M. pacific time:

1-800-4DANTEL (1-800-432-6835).

If a thorough checkout shows a piece of equipment has malfunctioned, you may return it to the factory. For repairs and emergency replacements, obtain a Return Material Authorization (RMA) number from the Customer Service Representative at **1-800-4DANTEL (1-800-432-6835)**.

To ensure expedient processing of your order, provide a purchase order number and shipping and billing information when requesting an RMA number. Also, when the units are returned to Dantel, include a description of the failure symptoms for each unit returned. Send defective equipment to:

Dantel, Inc. • 2991 North Argyle Avenue • Fresno, California 93727-1388

