



**97-023 REV B
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RETROFIT FOR NEW SWITCH CARD INTO M100A/M200A PSM

I. Scope:

This procedure provides instruction for retrofitting a “new” style switch card into the M100A and M200A Power Supply Module.

II. Tools Required:

A. #2 Phillips Head Screwdriver

III. Parts:

A. API Part # KIT000022 switch card retrofit kit.

IV. Procedure:

- A. Remove power cord from analyzer.**
- B. Remove analyzer top cover.**
- C. Locate PSM in right rear of chassis. Remove 4 screws in top of PSM cover. Remove PSM cover.**
- D. Locate switch card.
 - 1. Inside the PSM are two cards, one on the left (viewed from the front of the analyzer) and one on the right. The card on the right is the switch card. It has a Switching Power Supply attached to it.****
- E. Remove all connectors from switch card and from the Switching Power Supply.**
- F. Remove the screw on the right side which holds the switch card to the module chassis.**
- F. The switch card is mounted using “keyholes” on the card which fit over the standoff. Gravity then slides the keyholes over the standoff to hold the card in place. To remove the card and Switching Power Supply, simply lift up on the card until the standoffs are lined up in the center of the wide part of the keyholes and pull the card away from the side of the PSM.**
- G. Remove the screws holding the Switching Power Supply onto the card.**
- H. Install the Switching Power Supply onto the adaptor attached to the new switch card.**
- I. Installation of the switch card is the reverse of removal.**

After the switch card is installed and all connectors are in place, install the cover onto the PSM. Apply power to the analyzer and calibrate.

