

S E R V I C E N O T E

SUPERSEDES: None

3562A Dynamic Signal Analyzer

Serial Numbers: 0000A00000 / 2902A04468

Front panel replacement requires new power switch**Parts Required:**

Part No.	Qty.	Description
3101-3014	1	Rocker Switch
03563-61636	1	Switch Cable
03563-61634	1	Power Cable
1400-0249	3	Tiewrap
0890-0765	2 inches	Heat shrink

Situation:

The old front panel (03562-64301) is no longer available. The hold provided for the power switch in the current 03563-64311 front panel is for a rocker switch and not the original push button switch found on older 3562A's. When replacing the front panel, instruments with a push button power switch will need a new rocker switch and associated cabling installed.

Continued

DATE: May 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:

DLC

ENTITY:

A100

ADDITIONAL INFORMATION:

Solution/Action:

The following procedure assume that the instrument's covers have already been removed for installation of the new front panel.

WARNING

The following procedure requires the instrument's covers be removed. Energy available at many points can, if contacted, result in serious personal injury.

CAUTION

The following steps must be performed at a static protected site to prevent static discharge damage during the handling of the PC assembly.

1. Remove the A18 power supply assembly.
2. Remove the existing power switch/cable assembly and install the new 03563-61634 power cable. Replace one wire at a time at the rear panel fuse, line range switch, and line filter solder connections to ensure correct installation. The connections at the fuse holder and line filter reach require a one inch piece of heat shrink tubing.
3. Use tiewraps to secure the new power cable to the power supply deck the same way the old power cable was installed.
4. Re-install the A18 power supply assembly.
5. Attach the 03563-61636 switch cable to the rocker switch as follows: (lug numbers are molded in switch body)
 - a) White/Brown/Gray wire to switch lug #1.
 - b) Gray wire to switch lug #2.
 - c) White/Gray wire to switch lug #3.
 - d) White/Red/Gray wire to switch lug #4.
6. Press the rocker switch into the new front panel. Be sure the switch orientation is correct. The OFF position is towards the bottom edge of the front panel.
7. Install the new front panel.
8. Connect the power cable and switch cable connectors together.