

S E R V I C E N O T E

SUPERSEDES:

**HP MODEL 6012A AUTORANGING POWER SUPPLY
MODIFICATION TO STABILIZE CONTROL BOARD
IN PCB EDGE CONNECTOR**

Serial Numbers 2121A-00380 and Below

The 6012A Autoranging power supplies with serial numbers less than the above have been shipped from the factory with the A2 control board routed below tolerance. This could cause the board to shift in its PCB edge connector and make improper contact. To stabilize the control board in its edge connector, some new hardware has been added. The hardware is available as a service kit P/N 06012-60001 from the division and will be sent on request.

Parts included in the kit:	Quantity	Description	HP Part Number
	1	Retainer Bracket	06012-00014
	1	Caution Label	06012-80010
	1	6/32 Bushing Screw	2360-0450
	2	Conical Lock Washers	2190-0047
	1	Instruction Sheet	---

Installation Procedure:

1. Remove top cover of the 6012A.
2. Remove the two control board support screws P/N 2360-0434 from right side of chassis (see Figure 1).
Disconnect sense leads from rear terminal block and lift out control board.
3. Before re-installing control board, attach metal retainer bracket to right side of board using 6/32 bushing screw P/N 2360-0450.
4. Re-install the control board firmly in the edge connector and hook the retainer bracket to the fan mounting bracket as shown in Figure 2.
Make sure the PCB fingers are properly aligned with the edge connector contacts.
5. Secure the board with the support screws P/N 2360-0434 along with the two conical lock washers P/N 2190-0047 as in Figure 1.
6. Reconnect sense leads and place caution label in a visible spot on the right side of the chassis.
7. Replace top cover.

E/OF/WO

10/81-21/JY



FOR MORE INFORMATION, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE or East (201) 265-5000 • Midwest (312) 255-9800 • South (404) 955-1500 • West (213) 970-7500 or (415) 968-9200; **OR WRITE**, Hewlett-Packard, 1501 Page Mill Road, Palo Alto, California 94304. **IN EUROPE, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE OR WRITE**, Hewlett-Packard S.A., 7, rue du Bois-du-Lan, P.O. Box, CH-1217 MEYRIN 2 - Geneva, Switzerland. **IN JAPAN**, Yokogawa-Hewlett-Packard Ltd., 9-1, Takakura-cho, Hachioji-shi, Tokyo, Japan 192.

6-32 SUPPORT SCREWS
WITH CONICAL LOCK
WASHERS

CAUTION
LABEL

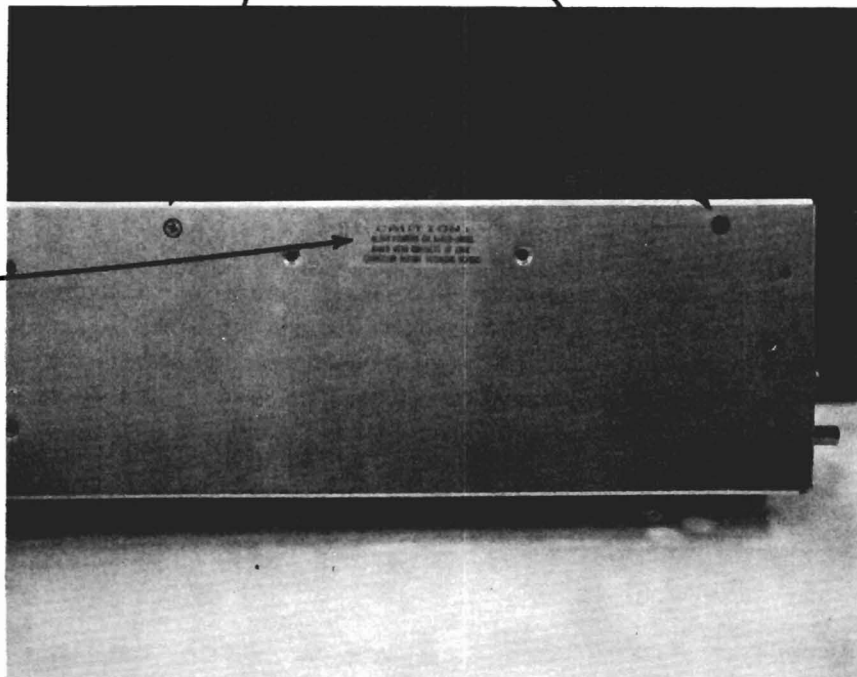
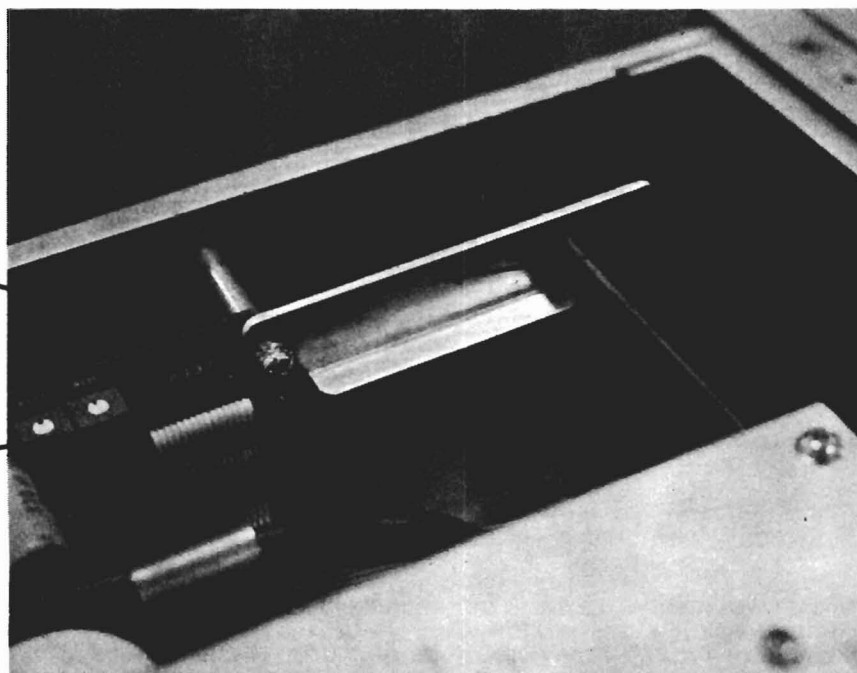


FIGURE 1

6-32
BUSHING
SCREW

6012
CONTROL
BOARD



RETAINER
BRACKET

FAN MOUNTING
BRACKET

FIGURE 2