

4142B-10

S E R V I C E N O T E

SUPERSEDES: None

**HP 4142B Modular DC Source/Monitor**

**Serial Numbers:** 0000J00000 / 2946J01339

Power Supply (A1, SECONDLY-1)

**Replacement of the F5/F6 Fuses on Power Supply A1**

**To be Performed by:** HP-qualified personnel

**Parts Required:**

**HP P/N Qty Description**

2110-0698 2 Fuse 2.5 A

**Situation:**

When two HP 41423A HVUs are used in an HP 4142B Modular DC Source/Monitor, the F5/F6 fuses (2 A rating) on the A1 power supply board can blow out in the following case:

The output voltage of two HP 41423A HVUs are +1000 and -1000 V. And the output terminals of the HP 41423As are accidentally shorted together.

This case is an abuse of the system and the HP 4142B will report a hardware related error (Display "H", Error Code 30x).

**Solution/Action:**

If the F5/F6 fuses blow out and the customer is using two HP 41423As, change the F5/F6 fuses to fuses rated at 2.5 A (P/N: 2110-0698). The information necessary to change a fuse is located in the HP 4142B Service Manual.

DATE: 01 November 1991

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 1.0 Hour
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	RESPONSIBLE ENTITY: 3300	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: HS	ENTITY: 3301	UNTIL: 01 November 1993	
		ADDITIONAL INFORMATION:	