

**8510B-06A-S**

**S E R V I C E N O T E**

Supersedes:  
8510B-06-S

**Agilent 8510B S-Parameter Network Analyzers**

Serial Numbers: 0000A00000/9999Z99999

**Noncompliance to a standard or regulation – required new fan guard**

**WARNING**

**Rear panel fan cutout and fan guard allow accessibility of fan blades to an IEC 61010 type test finger.**

**To Be Performed By: Customer**

**Parts Required:**

P/N	Description	Qty.
08517-60088	Finger guard bracket kit	1

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>SAFETY</b>			
ACTION CATEGORY: X ON SPECIFIED FAILURE AGREEABLE TIME		STANDARDS: LABOR: 1.0 Hours	
LOCATION CATEGORY: X CUSTOMER INSTALLABLE ON-SITE SERVICE CENTER		SERVICE INVENTORY: X SEE TEXT	RETURN SCRAP USED PARTS: X SEE TEXT RETURN SCRAP
AVAILABILITY: ALWAYS		AGILENT RESPONSIBLE UNTIL: ALWAYS	
AUTHOR: MF		PRODUCT LINE: PLWN	
ADDITIONAL INFORMATION: PCO 53-62630; Duplicate Service Notes: 8510B-06A-S, 8510C-03A-S, 8511A-07A-S, 8511B-02A-S, 8514B-05A-S, 8515A-06A-S, 8517A-03A-S, 8517B-03A-S, 85110A-02A-S, 85110L-02A-S; Original Service Note dated May 2001; First Service Note revision (adds s/n range) dated May 2007.			

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**Situation:**

The configuration of the rear panel fan cutout and fan guard mounting allow enough room for an IEC 61010 type test finger to contact the cooling fan blades.

**Solution/Action:**

Finger Guard Bracket Kit to be installed onto the instrument.

**Step 1.** Remove 2 screws and split lock washers along one side of the finger guard. Capture flat washers from between the finger guard and the grommet.

**Step 2.** Slide I Bracket, Finger Guard (08517-00022) under the finger guard and align the 2 holes.

**Step 3.** Install 2 screws (2360-0205) with 2 lock washers (2190-0017) and 2 grommets (0400-0002) into the 2 holes and torque to 10 in-lbs.

**Step 4.** Remove remaining 2 screws, split lock washer and flat washers.

**Step 5.** Install second bracket like the first on the opposite side of the finger guard, align holes.

**Step 6.** Install 2 screws (2360-0205) and split lock washers (2190-0017) and torque to 10 in-lbs.

**Step 7.** Inspect your work. Return instrument to use.

Please note: The design should contain a fan assembly with permanently attached threaded nuts. If the nuts are not permanently attached, it will be necessary to remove the top cover of the test set to allow dis-assembly and re-assembly while holding the hex nuts on the inside of the test set.