

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

SUPERSEDES: None

**Agilent 8511B S-Parameter Test Set****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**Duplicate Service Notes:**

8510B-06-S  
 8510C-03-S  
 8511A-07-S  
 8511B-02-S  
 8514B-05-S  
 8515A-06-S  
 8517A-03-S  
 8517B-03-S  
 85110A-02-S  
 85110L-02-S

*Continued*

DATE: May 2001

## ADMINISTRATIVE INFORMATION

|                              |   |  |   |
|------------------------------|---|--|---|
| SERVICE NOTE CLASSIFICATION: |   |  |   |
| <b>SAFETY</b>                |   |  |   |
| ACTION CATEGORY:             | <input checked="" type="checkbox"/> ON SPECIFIED FAILURE<br><input type="checkbox"/> AGREEABLE TIME                                     | STANDARDS:<br>1.0 Hours      LABOR   |   |
| LOCATION CATEGORY:           | <input checked="" type="checkbox"/> CUSTOMER INSTALLABLE<br><input type="checkbox"/> ON-SITE<br><input type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input checked="" type="checkbox"/> SEE TEXT | USED PARTS: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input checked="" type="checkbox"/> SEE TEXT |
| AVAILABILITY:                | ALWAYS  | AGILENT RESPONSIBLE UNTIL : ALWAYS   |   |
| AUTHOR: LU                   | ENTITY: 5300  | ADDITIONAL INFORMATION: PCO 53-62630   |   |

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**Parts Required:**

| P/N         | Description              | Quantity |
|-------------|--------------------------|----------|
| 08517-60088 | Finger guard bracket kit | 1        |

**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 1 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.