

S E R V I C E N O T E

SUPERSEDES: NONE

**HP 16500C Logic Analysis System**

**Serial Numbers:** US36140000 / US36480531

**Fan guard replacement**

**To Be Performed By:** HP-Qualified Personnel/Customer Installable

**Parts Required:**

HP P/N	Description
3160-0562	Fan Guard (8 rings)

**Situation:**

The original Fan Guard (7 rings) shipped with these 16500C's left a 3/8 inch gap between the Fan Guard and the 16500C fan shroud.

**Solution/Action:**

The 3/8 inch gap can be reduced to an acceptable gap by installing a new Fan Guard (8 rings) HP p/n 3160-0562.

The following steps are required to replace the Fan Guard:

*Continued*

DATE: March 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours
LOCATION CATEGORY:	<input checked="" 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 type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DGF	ENTITY: 0800	HP RESPONSIBLE UNTIL: Product's Support Life	
		ADDITIONAL INFORMATION:	

**STEP 1: Remove the old Fan Guard**

- a. Disconnect the power cord from the 16500C.
- b. Remove the fan shroud mounting screws (4) from the rear of the instrument (see section 6-8 of the 16500C Service Guide for illustration).
- c. Remove the complete rear fan assembly from the rear panel of the instrument.
- d. Disconnect the rear fan power cable.
- e. Remove the rear fan mounting plastic push fasteners (p/n 0361-1272) and remove the old Fan Guard from the fan shroud/fan.

**STEP 2: Installing the new Fan Guard (p/n 3160-0562):**

- a. Reverse the procedure in 'Step 1' to install the new Fan Guard and reinstall the fan assembly to the 16500C.
- b. Ensure that the rear fan operates correctly (turns) when the 16500C is powered on.