

S E R V I C E N O T E

SUPERSEDES: None

**83752A Synthesized Sweeper**

**Serial Numbers:** 3447A00552 / 3447A00602

**Inspection and replacement of air dam.**

**To Be Performed By:** Agilent-Qualified Personnel

**Duplicate Service Notes:**

- 83751A-01
- 83752A-01
- 83752B-01

Part No.	Description
4320-0438	Rubber Dam

*Continued*

DATE: January 1996

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 1.0 Hour
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	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 type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DMc	ENTITY: 5320	AGILENT RESPONSIBLE UNTIL: January 1998	
		ADDITIONAL INFORMATION:	

**Situation:**

The rubber dam attached to the fan used to direct air flow may fall off. The supplier of the rubber dam applied the wrong adhesive to the dam. If the dam falls off the instrument will heat up and the over temperature circuit will shut the instrument off. This failure will NOT cause any damage to the instrument but will not allow the instrument to run for long periods of time at a high temperature.

**Solution/Action:**

Disconnect the line power cord before performing the inspection. Inspect the rubber dam attached to the left side of the fan by lightly pulling on the dam. If the dam does not come off, it is okay. If the dam is missing, locate and remove it. If the dam comes off during inspection, replace it. The dam can be replaced with the fan installed. First wipe the fan housing with a solvent to clean the area. Next remove the adhesive protection strip on the dam. Push the dam tight to the rear panel, and apply pressure to the dam to attach it to the fan. If you have any difficulty, determine the placement of the dam on the fan housing, then remove the fan as outlined in the service manual and attach the dam.