

85024A-01A

S E R V I C E N O T E

Supersedes:
85024A-01

85024A – High Frequency Active Probe

Serial Numbers: ALL

Incorrect instructions for replacement of probe tip on 85024A.

Parts Required: NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
AUTHOR: BAD	PRODUCT LINE: 12
ADDITIONAL INFORMATION:	

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Situation:

Procedure for replacement of probe tip in Operating and Service Manual (85024-90001) with a print date prior to March 2000 is incorrect. Following the documented procedure may damage the elastomeric connection on the tip, resulting in intermittent operation.

The User's and Service Guide with a print date of March 2000 and later is correct

Solution/Action:

- 1) The procedure in the section labeled "Replacing the Probe Tip" in manual 85024-90001 dated prior to March 2000 is incorrect. The procedure should be modified to include removal of the probe nose prior to replacing the probe tip. New instructions for the "Replacing the Probe Tip" section:
 - a. Refer to Figure 16. Remove the nut with a 10 mm open-end wrench
 - b. Remove the nose assembly, leaving the microcircuit attached to the body of the probe
 - c. Unscrew the damaged tip with the nut driver and discard the tip
 - d. Screw in the new tip and lightly tighten it with a 3/32 inch nut driver. (Over tightening the tip can damage the nose assembly.)
 - e. Install the nose assembly and nut. Tighten the nut with a 10 mm open-end wrench

This procedure does not apply to the 10:1 divider (11881A). The tip on the divider may be replaced without disassembling the divider, use the 3/32 inch probe-tip nut driver.

- 2) Use the latest version of the User's and Service Guide, which contains the correct instruction set on the web at:

<http://www.home.agilent.com/agilent/techSupport.jsx?cc=US&lc=eng&nid=-536902689.536879908&pid=1000001990%3Aepsg%3Apro&pageMode=MN>