

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

16197A-01

S E R V I C E N O T E

Supersedes:
NONE

Agilent 16197A Bottom Electrode SMD Test Fixture

Serial Numbers: MY43100000/MY43100160

Dimensional distortion of the contact assembly interferes with operations

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
16197-60001	Contact Assembly	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 0.5 Hours
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 checked="" 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: TO	PRODUCT LINE: WN	AGILENT RESPONSIBLE UNTIL: July 2006	
ADDITIONAL INFORMATION:			

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Situation:

In some 16197A's that have the above serial numbers, there is the possibility that the contact assembly (P/N 16197-60001) is out of dimensional tolerance. In this case, it interferes with the operation to change the orientation of the contact assembly for using unused clean area of the center electrode.

Solution/Action:

Check if you can change the orientation of the contact assembly with no friction in accordance with the following procedure. If there is a problem, replace the contact assembly with a new one.

Procedure for Changing the Orientation of the Contact Assembly

- Step 1.** Take off the guide holder, and remove the device guide and electrode plate as shown in Figure 1.
- Step 2.** Remove the four screws from the upper side of the fixture, and then remove the contact assembly and flange as shown in Figure 2.
- Step 3.** Rotate the contact assembly and set it in place in increments of 45 degrees. Confirm that you can set it with no friction.

Figure 1 Removing the Device Guide and Electrode Plate

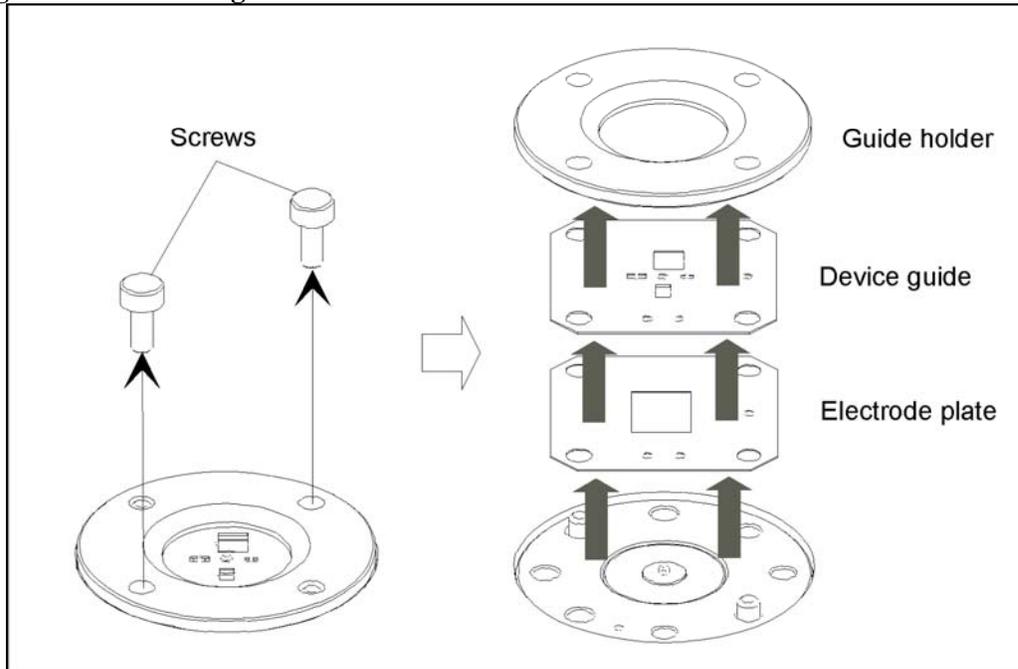


Figure 2 **Removing the Contact Assembly**

