

N9100A-01

S E R V I C E N O T E

Supersedes:
NONE

N9100A 4080 series Parametric Test System

Serial Numbers: JP10Q00101/JP10Q00122
 JP20Q00105/JP20Q00138
 JP49020101/JP49020106
 JP49320101/JP49320509

Diagnostics LC outer port manual test fails on specified condition

Parts Required:

P/N	Description	Qty.
N9120-00640	AGLP004 Plate	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: 31 st August, 2013	
<input type="checkbox"/> Calibration Required <input checked="" type="checkbox"/> Calibration NOT Required	PRODUCT LINE: PL1H AUTHOR: J.I		
ADDITIONAL INFORMATION:			

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Situation:

Diagnostics LC inner port manual mode test fails if horizontal alignment docking with wafer prober is tight. When the test head bottom cover is pushed strongly, the bottom cover inner plate may short the LC aux port connector or Kelvin input port connector and it can cause diagnostics LC inner port manual mode test failure.

Solution/Action:

Before adapting this service note, confirm if diagnostics LC inner port manual mode test fails.

How to execute diagnostics LC inner port manual mode test

Make the contact pin as open

Execute diagnostics manual mode test as below.

\$ diag4070 –manual

Follow the instruction to complete, and check if fails or not.

How to replace the test head bottom cover inner plate

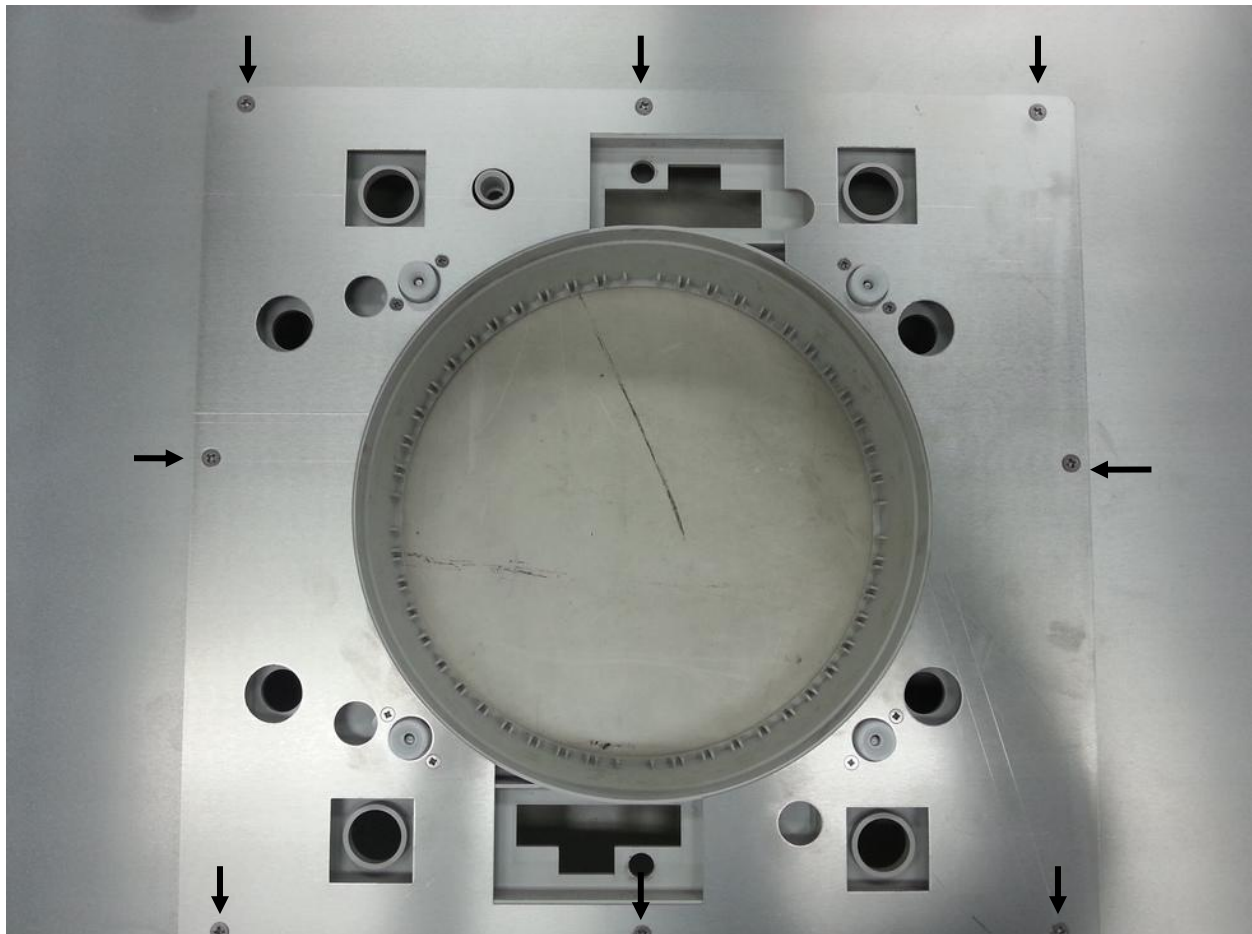
Power off the test head, and remove the test head bottom cover.

Then, unscrew the screw to remove the inner plate, and replace with N9120-00640.

NOTE: The captive screw mounting is fixed to test head cover with the inner plate. Please be carefully no to lose the screw.

Replacement Procedure

1. Power off the test head, and remove the test head bottom cover.
2. Unscrew the eight screws, and remove the center mounting with aluminum plate. (Tool: Phillips screwdriver #1)



3. Unscrew the eight screws, and replace the inner plate.
(Tool: Phillips screwdriver #0)

NOTE: Captive screw mount is sandwiched between center mount frame and inner plate. Please be carefully not to lose the captive screw inside the captive screw mount.

