

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

4156C-05

S E R V I C E N O T E

Supersedes:
None

4155C Semiconductor Parameter Analyzer
4156C Precision Semiconductor Parameter Analyzer

Serial Numbers: 4155C JP10J00101/JP10J00985
4156C JP10J00101/JP10J01440

LCD Picture Intermittently Reverses or is not Displayed

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

<u>P/N</u>	<u>Description</u>	<u>Qty.</u>
04155-24060	Screw	1
04155-04086	Plate	1
04155-04087	Cover	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: 1 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 type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: 31 st May 2008	
AUTHOR: JI PRODUCT LINE: 1H			
ADDITIONAL INFORMATION:			

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Situation:

The 4155C within the listed serial number range may have the problem that the LCD picture intermittently reverses or is not displayed. The cause of the problem is that the PC board stresses the LCD cable, and the cable connection becomes loose. Though we have released service note 4155C-04 and 4156C-04, it is not enough.

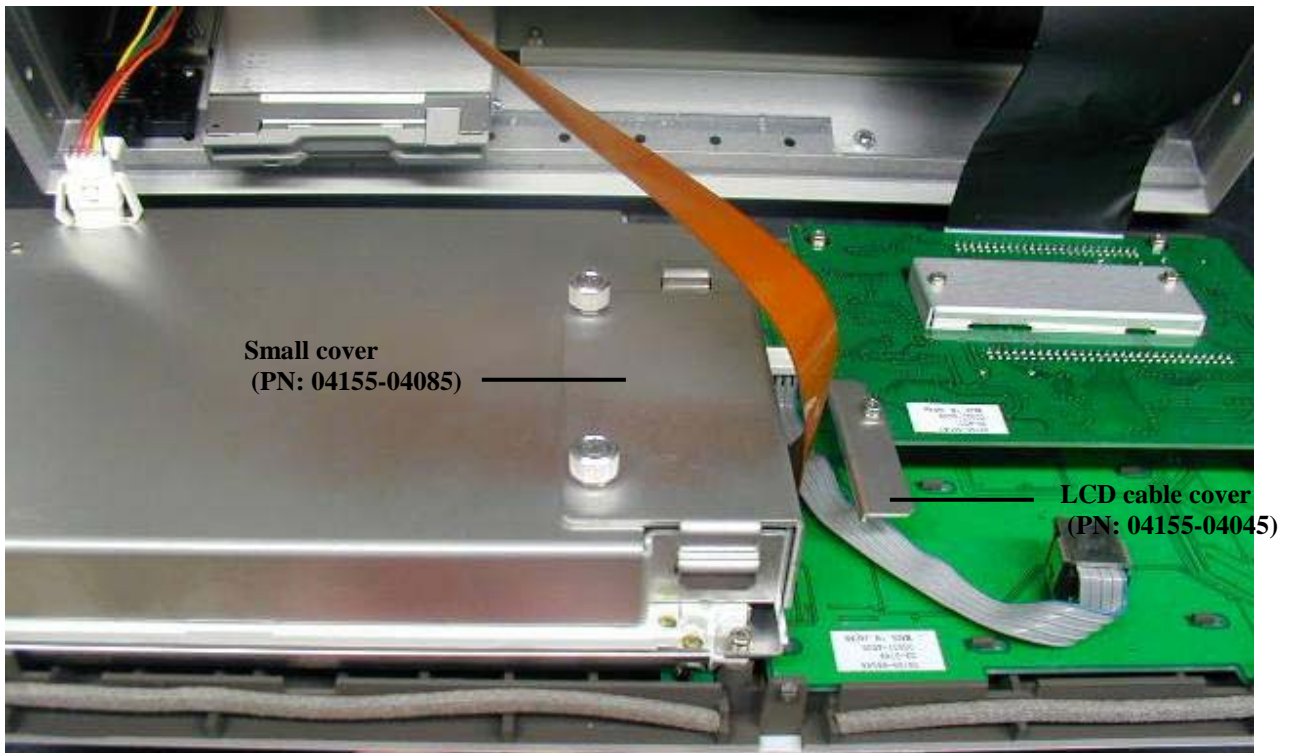
Solution/Action:

After adapting service note 4155C-04 or 4156C-04, replace the original cable cover (small: 04155-04085) with a set of 04155-24060, 04155-04086, and 04155-04087. To replace with this set, the flexible video cable will be fixed enough.

After replace the above parts, please don't forget to perform "LCD Test" of diagnostics Interactive test.

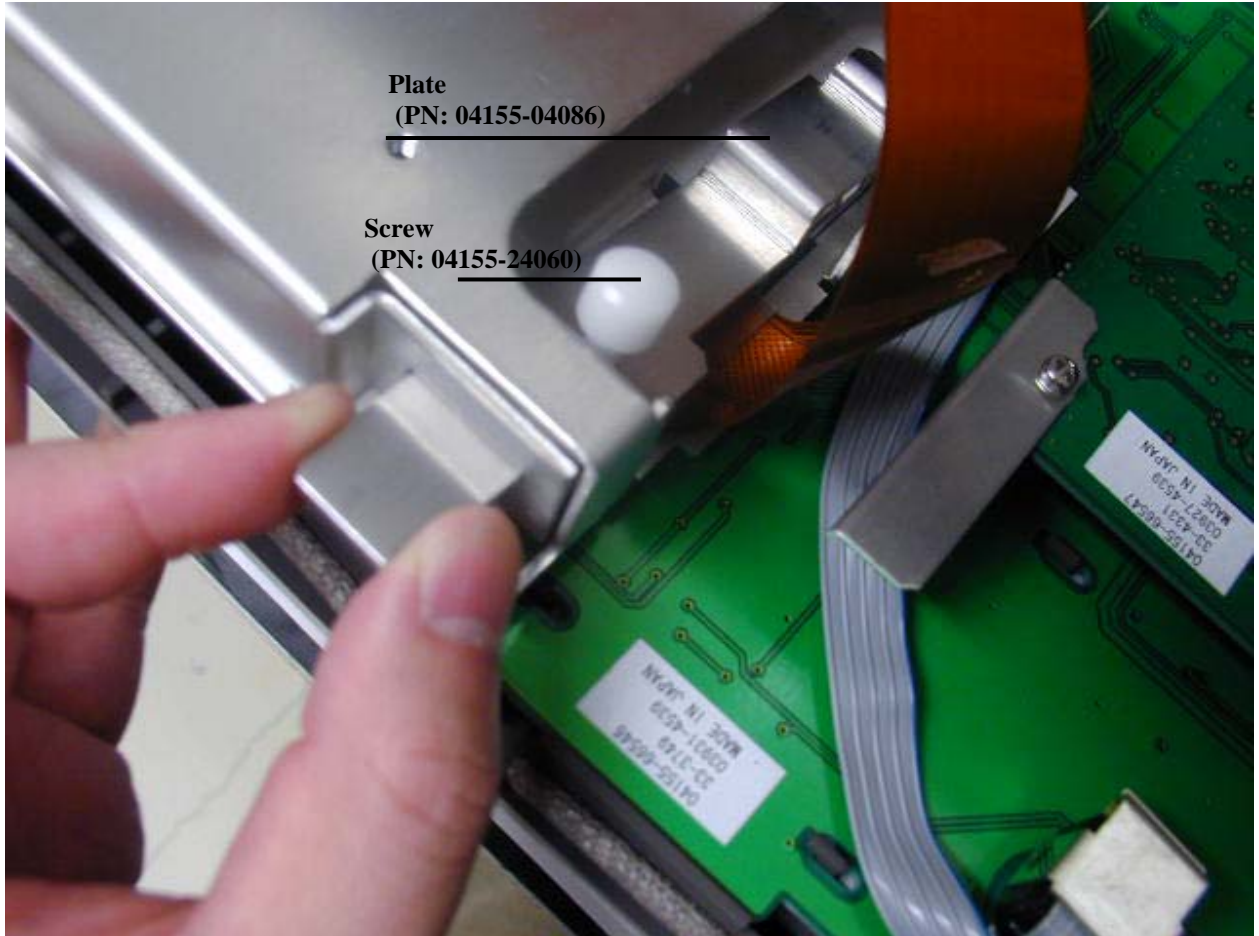
Procedure:

1. Confirm if the symptom happened or not.
2. Open the front panel assy., and check if LCD cable cover (04155-04045) has installed or not. If not, install it (This part will be provided as Service Note 4155C-04 or 4156C-04.)



3. Remove the original small cover 04155-04085

4. Insert the plate (PN: 04155-04086) and fix it using screw (PN: 04155-24060).



5. Install the new small cover (PN: 04155-04086).
6. Perform the diagnostics Interactive Test "LCD Test".