

S E R V I C E N O T E

SUPERSEDES: NONE

**HP 4155B Semiconductor Parameter Analyzer  
04155-66541/04155-69541 CPU Assembly**

**Serial Numbers:** See below.

**CPU board replacement to prevent startup failures**

**Duplicate Service Notes:**

4155B-02 Serial Numbers: 0000A00000/JP10E00176

4156B-02 Serial Numbers: 0000A00000/JP10E00198

**To be Performed by:** HP-qualified personnel

**Parts Required:** 04155-69541

**Situation:**

The 68040 CPU on the CPU board assembly has a poor electric isolation between the PC board and the CPU. Therefore, the HP 4155B/4156B may not start up, fail the power-on self-test, or have an incorrect display.

*Continued*

DATE: April 1998

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 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	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: MO	ENTITY: 3300	HP RESPONSIBLE UNTIL: May 2000	
		ADDITIONAL INFORMATION:	

**Solution/Action:**

Replace the CPU board assembly (HP P/N 04155-69541). Service parts are already modified version but the part number is the same.

To check if a CPU board assembly is a modified version, find the EDC (engineering date code) and MDC (manufacturing date code) label. The EDC of modified version is 3808 or greater.

```
+-----+
|HP 04155-66541|
|33-3808      | <---3808 is the EDC.
|xxxxx-xxxx  |
|MADE IN JAPAN|
+-----+
```

Perform this service note in "Agreeable Time" category for the above serial number bands even if the above symptom is not observed, and also for units that have an EDC earlier than 3808 (typically previously repaired units using "bad" service parts).







