

S E R V I C E N O T E

SUPERSEDES: NONE

**HP 4156B 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:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	IMMEDIATELY ON SPECIFIED FAILURE AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours	
LOCATION CATEGORY:	CUSTOMER INSTALLABLE ON-SITE HP LOCATION	SERVICE INVENTORY:	RETURN SCRAP SEE TEXT	USED PARTS: RETURN SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	HP RESPONSIBLE UNTIL: May 2000		
AUTHOR: MO	ENTITY: 3300	ADDITIONAL INFORMATION:		

© 1998 HEWLETT-PACKARD COMPANY
PRINTED IN U.S.A.



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).