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Removal

- NOTE: If the analyzer problem is not related to NOVRAM (i.e., NMI, FAC_SET, Checksum, Database initialization), the NOVRAM of the old CPU Board should be used in the new CPU Board. Refer to RR-7.9 for NOVRAM replacement details.
- 1. Remove Enclosure Assembly (RR-1.3).
- 2. Remove Card Cage top cover:a. Disconnect Ribbon and Ground cables.
 - b. Release 3 Card Cage locking clips.
 - c. Remove Card Cage Cover.

- 3. Remove defective board:
 - a. Remove CPU Board. (See NOVRAM note at the beginning of this RR.)(1) Remove board from Card Cage
 - slot 1.
 (2) Disconnect RS-232 cables (J2 & J3).
 - (3) Disconnect Printer cable (J1).(4) Disconnect Bar Code cable (P1).
 - b. Remove Digital I/O Board from Card Cage slot 3.

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Replacement

- 1. Install appropriate board:
 - a. Install CPU Board. (See NOVRAM note at beginning of this RR.)
 - (1) Insert CPU Board into Card Cage slot 1.
 - (2) Connect RS-232 cables (J2 & J3).(3) Connect Printer cable (J1).
 - (4) Connect Bar Code cable (P1).
 - b. Install Digital I/O Board into Card Cage slot 3.

- 2. Install Card Cage Cover:
 - a. Place cover over Card Cage.
 - b. Secure cover with 3 locking clips.c. Connect Ribbon and Ground cables.
- 3. Install Enclosure Assembly.

Verification

Specific verification procedures to be performed are based upon whether existing NOVRAM or new NOVRAM is installed. Both groups of Verification Procedures are listed on the next page.

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New NOVRAM (CPU Bd with new NOVRAM):

- 1. Perform IP-45.
- 2. Perform these service tests:
 - Printer Test (VP-41)
 - Keyboard Test (VP-42)
 - Display Test (VP-43)
 - RS-232 Comm Port Test (VP-44)
- 3. Perform these procedures:
 - MEIA Carousel Cal (VP-30)
 - Matrix Detection (VP-32)
 - Boom Cal (VP-8)
 - Dispense Check (VP-13)
 - MEIA Temperature Cal (VP-29)
 - MEIA Initialization Photo Cal (VP-27)
 - Bar Code Check (VP-4)

- Old NOVRAM (CPU Bd with existing NOVRAM):
- Perform Total Call.
- 2. If Digital I/O Board was replaced:
 - a. Enter date and time.
 - SYSTEM
 - DATE
 - Enter correct date (MM/DD/YYYY). ■ TIME
 - Enter correct time (HH:MM:SS).
 - EXIT
 - b. Perform Dispense Check (VP-13).
 - c. Perform MEIA Temperature Check (VP-28).

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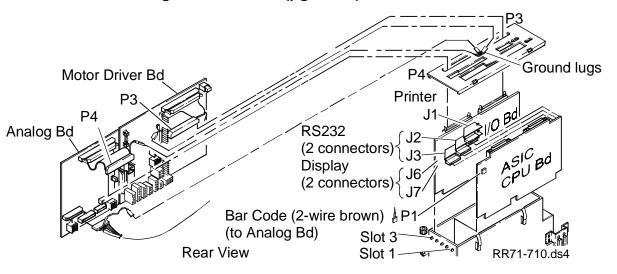
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