# RR-3.9: BOOM ASSEMBLY (pg 1 of 3)



### Removal

- 1. Remove Enclosure Assembly (RR-1.3).
- 2. Raise Display to upright position (RR-8.1.1).
- 3. Remove Probe Assembly (RR-3.5).
- 4. Remove the left screw from the Protective Wire Cover.
- Remove left VDE Cover:
  - a. Remove 2 mounting screws.
  - b. Remove Cover.
- 6. Remove Reagent Shroud (RR-2.3).
- 7. Tilt back Card Cage (RR-8.0).

- 8. Remove Boom Assembly:
  - a. Disconnect Boom Assembly cable from Motor Driver Board (P5).
  - b. Remove cable from cable clamp.
  - c. Disconnect Retainer Clip Assembly Cable P1 and Carousel Receiver P4 at LLS Board.
  - d. Remove 3 Boom mounting screws.

NOTE: Carefully lift up left corner of Protective Wire Cover to allow clearance to remove Boom Assembly.

e. Lift out Boom Assembly.

RR-3.9: Boom Assembly

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## RR-3.9: Boom Assembly (pg 2 of 3)

## Replacement

NOTE: Carefully lift up left corner of Protective Wire Cover to allow clearance to install Boom Assembly.

- 1. Install Boom Assembly:
  - a. Insert assembly into analyzer over base mounting holes.
  - b. Insert and tighten 3 Boom mounting screws.
  - c. Connect Boom Assembly cable to Motor Driver Board (J5).
  - d. Secure Boom Assembly cable in cable clamp.

Replacement, step 1 (cont)

- e. Connect Retainer Clip Assembly Cable P1 and P4 Carousel Receiver Cable at LLS Board.
- 2. Tilt up Card Cage.
- 3. Install Reagent Shroud.
- Install left screw in Protective Wire Cover.
  Install left VDE Cover. Secure cover with
- 2 mounting screws.6. Install Probe Assembly.
- 7. Reposition and secure Display Assembly.

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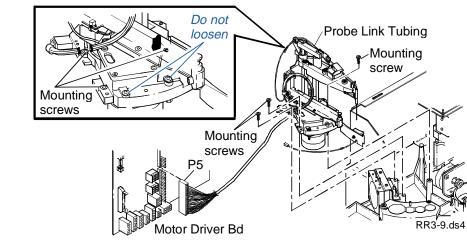
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# RR-3.9: Boom Assembly (pg 3 of 3)

### Verification

Perform these procedures:

- Reagent Heater Block Adjustment (VP-21)
- Bar Code Check (VP-4)
- Boom Calibration (VP-8)
- Level Sense Adjustment (VP-12)
- Dispense Check (VP-13)



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