

RR-3.16: AIR HEATER 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 left VDE Cover (PL-10, item 2).
4. Remove Reagent Shroud Assembly (RR-2.3).
5. Remove Amplification Vial Retainer (RR-2.11).
6. Remove Protective Wire Cover (RR-2.7).
7. Remove Air Duct Cover (RR-2.8).
8. Lift Boom Assembly to access connector:
 - a. Remove 3 mounting screws.
 - b. Lift assembly and set aside.

9. Remove Air Heater Assembly:
 - a. Disconnect Air Heater Assembly Cable (J1).
 - b. Remove cable from cable clamps.
 - c. Lift out Air Heater Assembly.
10. Remove Air Heater Insulator; set aside.

Replacement

1. Install Air Heater Assembly:
 - a. Wrap Air Heater Insulator around Air Heater.
 - b. Connect Air Heater Assembly Cable (J1).
 - c. Place Air Heater Assembly in base and route cable.
 - d. Secure cable through cable clamps.

RR-3.16: Air Heater Assembly (pg 2 of 3)

Replacement (cont)

2. Install Boom Assembly:
 - a. Place Assembly over mounting holes.
 - b. Secure with 3 mounting screws.
3. Install Air Duct Cover.
4. Install Protective Wire Cover.
5. Install Amplification Vial Retainer.
6. Install Reagent Shroud Assembly.
7. Install left VDE Cover.
8. Reposition and secure Display Assembly.
9. Install Enclosure Assembly.

Verification

Perform these procedures:

- Bar Code Check (VP-4)
- MEIA Carousel Calibration (VP-30)
- Boom Calibration (VP-8)
- Level Sense Check (VP-11)
- AVR Alignment (VP-64)
- MEIA Temperature Calibration (VP-29)
- MEIA Photo Calibration (VP-27A)

RR-3.16: Air Heater Assembly (pg 3 of 3)

