
Vertical Frame

A-172F

OPERATOR'S MANUAL



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1: ASSEMBLY INSTRUCTIONS

- Step 1 Detach phenolic top from bucky frame (figure 1).
- Step 2 Assemble bucky wheel assembly with bucky locking bracket facing bucky (figure 2) loading side of frame.
- Step 3 Install bucky by sliding bucky bearing wheels onto track in bucky frame assembly.
- Step 4 Attach pulley cable to bucky using 1/4 - 20 x 1" hex heads with flat washers (figure 3 & 4).
- Step 5 Lift the counterweight so that the cable will slip over the pulley. (Figure 3).
- Step 6 Check bumper stops making sure that the bucky does not come into contact with the frame assembly.
- Step 7 Attach mounting brackets to bucky frame (figure 1).
- Step 8 Place bucky frame against wall in proper position.
- Step 9 Turn on collimator.
- Step 10 Align the collimator cross hair lines to the center line of the x-ray grid.
- Step 11 Attach bucky frame to floor through mounting brackets using appropriate hardware (figure 1).
- Step 12 Remove x-ray grid from bucky frame (figure 1).
- Step 13 Mount bucky frame to wall through mounting plate using appropriate hardware.



1: ASSEMBLY INSTRUCTIONS (continued)

- Step 14 Connect two (2) wires from the fail-safe brake to a 24 VDC power source (control or other (figure 5).

- Step 15 Remove grid. Insert cassette into tray in bucky.

- Step 16 Move bucky to top of bucky frame assembly. Make sure that the fail-safe brake is deactivated by pushing the release switch located on the side (figure 3). This must be done anytime the bucky is to be moved.

- Step 17 Line up cassette tray and cassette with collimator light field.(figure 6)

- Step 18 Tighten bucky wheel assembly slightly (figure 2).

- Step 19 Move bucky to the bottom of the bucky frame assembly.

- Step 20 Re-check alignment of the tray with the collimator light field.

- Step 21 Tighten bucky wheel assembly (figure 2).

- Step 22 Install grid and re-check with light field.

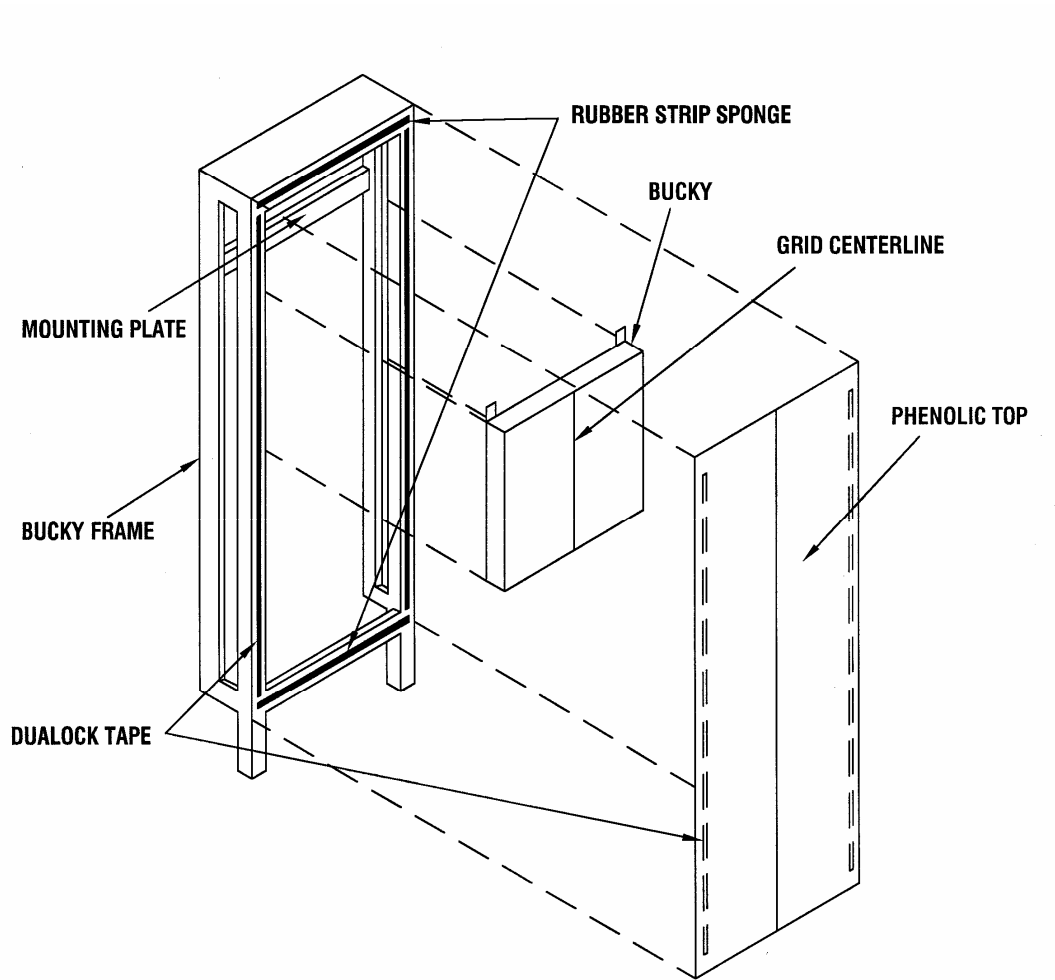
- Step 23 Expose film to verify light field to x-ray field compliance.

- Step 24 Assemble phenolic top to bucky frame (figure 1) using Dualock tape, which is provided on the system (figure 1). Check light field to center line.

- Step 25 Ground bucky frame assembly using the ground stud on left leg of mounting bracket, to earth ground.

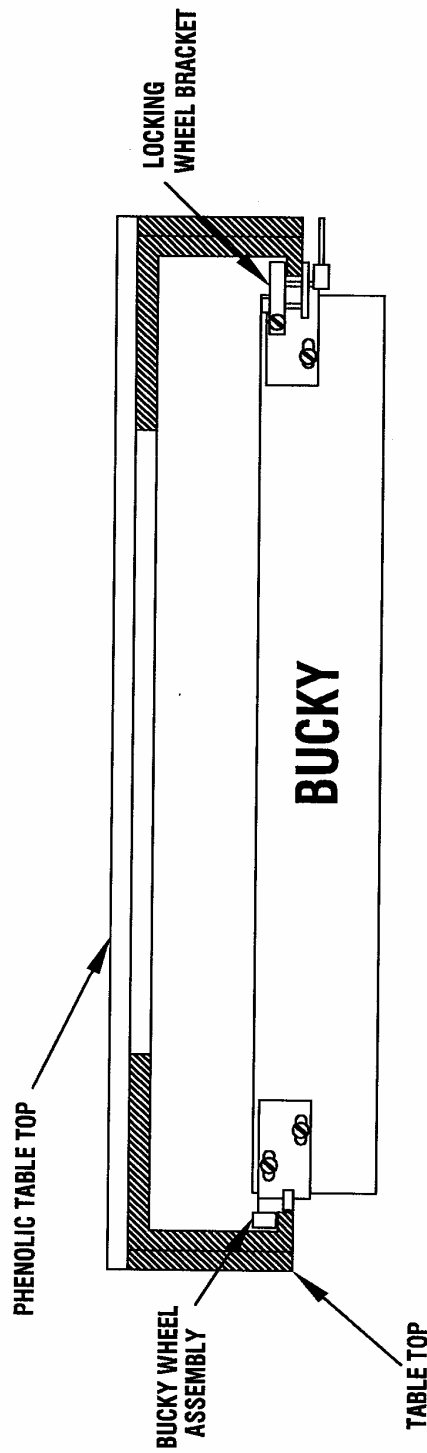
1: ASSEMBLY INSTRUCTIONS (continued)

FIGURE 1



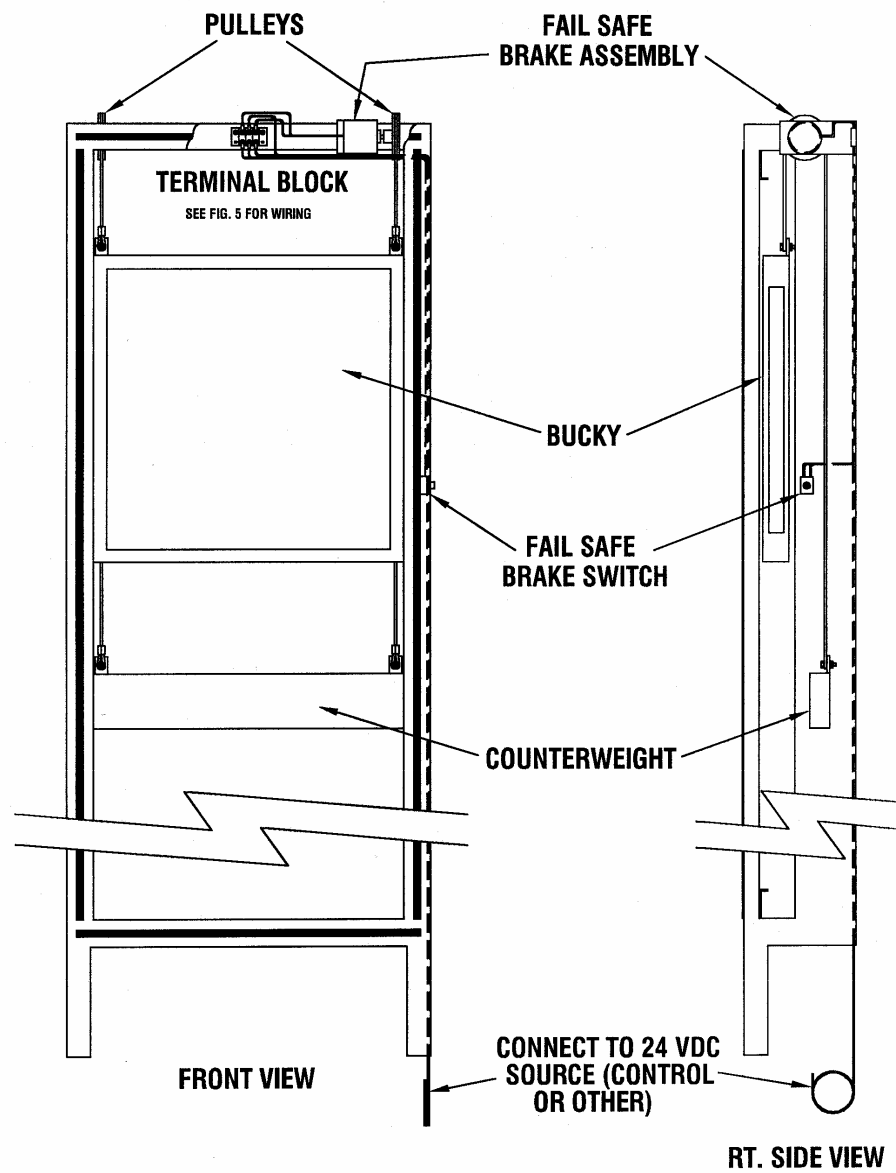
1. ASSEMBLY INSTRUCTIONS (continued)

FIGURE 2



1: ASSEMBLY INSTRUCTIONS (continued)

FIGURE 3



1: ASSEMBLY INSTRUCTIONS (continued)

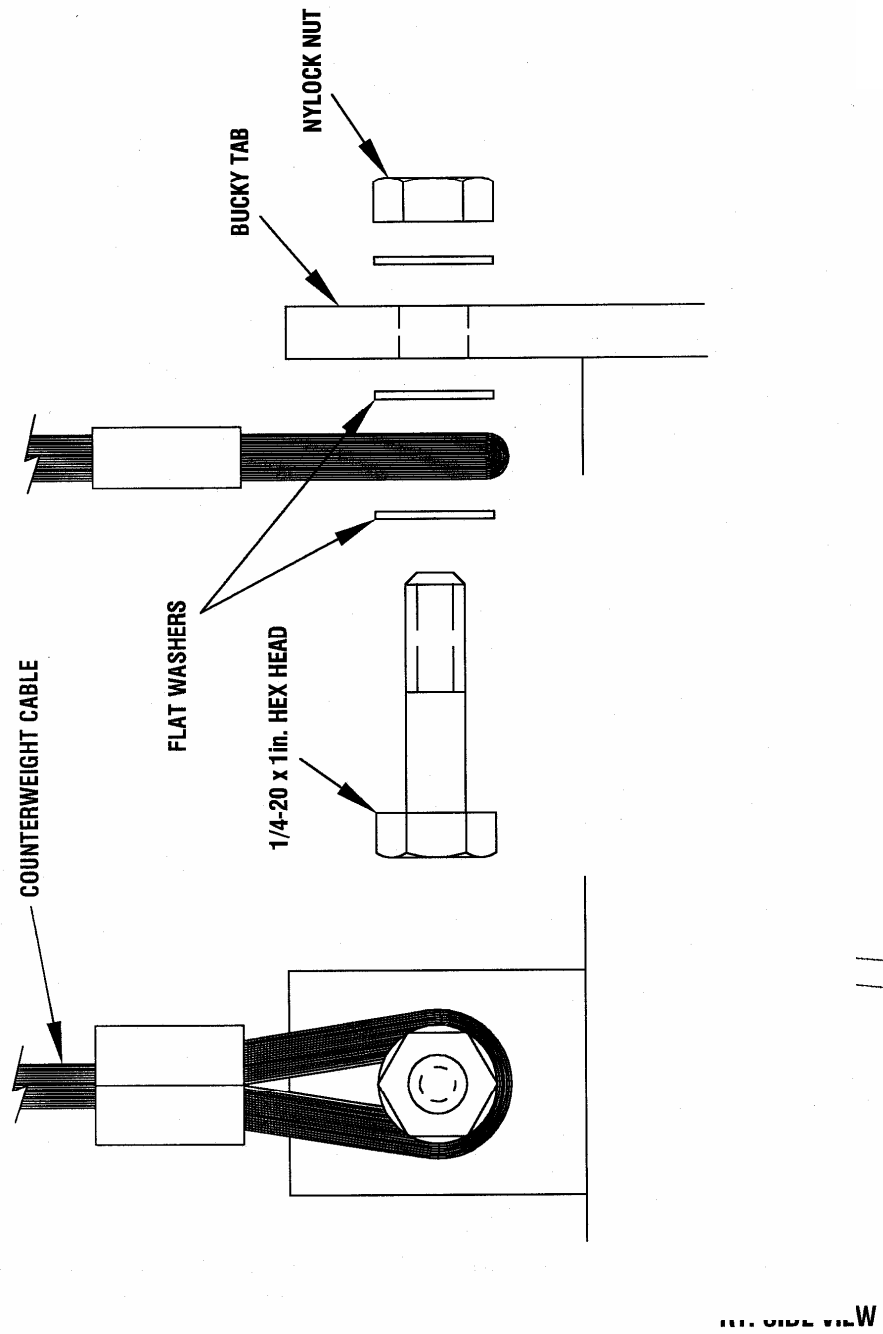
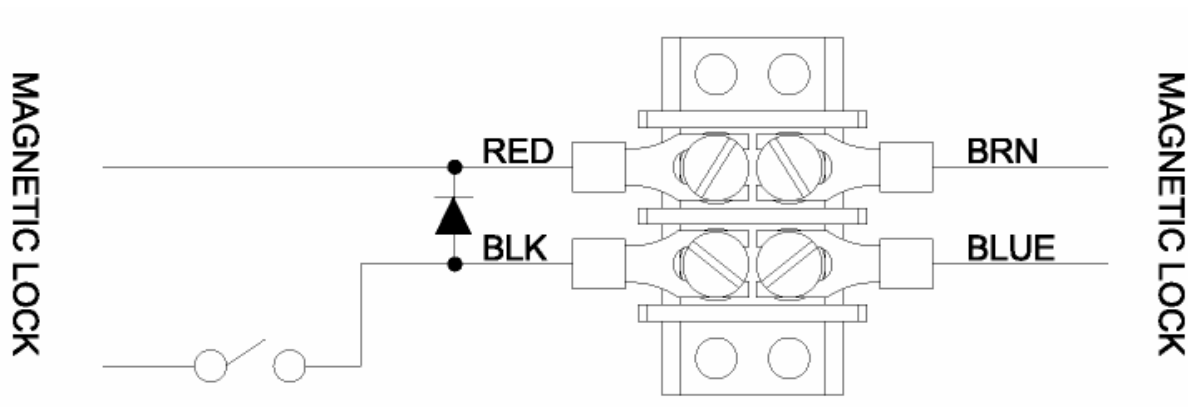


FIGURE 4

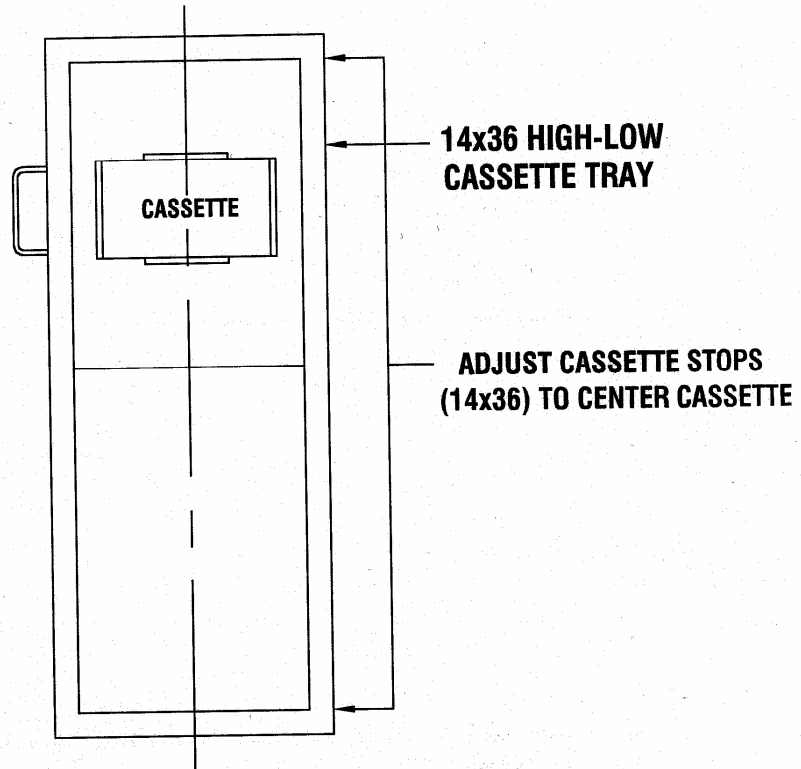
1: ASSEMBLY INSTRUCTIONS (continued)

FIGURE 5



1: ASSEMBLY INSTRUCTIONS (continued)

FIGURE 6



2: MAINTENANCE

CLEANING THE BUCKY

The system user is responsible for the basic cleanliness of the equipment. On a regular basis, the bucky surface should be wiped clean with a soft cloth. Painted metal surfaces should be cleaned using a clean cloth slightly moistened in warm soapy water (use mild soap). Wipe with a clean wet cloth.

Note: Never use abrasive polish on this equipment.



Warning: Always disconnect main power supply of equipment before cleaning!