

# iControl<sup>®</sup> 2 Display Monitor Touch Screen Kit

Use this guide to install or replace the iControl<sup>®</sup> 2 touch screen display monitor.

## Touch Screen Installation



**WARNING:** Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.

**NOTE:** Gaskets are glued to the console and pedestal around the display opening. Do not damage or remove these gaskets as that will destroy the dust-tight integrity of the enclosure and void agency approvals.

**NOTE:** Both the short and long power cable harnesses are included in the touch screen replacement kit. Use the short power cable for pedestal system installations and use the long power cable for console system installations.

1. Power off the iControl 2 system.
2. Disconnect the blue video cable, touch screen serial cable, and power cable harness from the back of the old touch screen unit and set aside.

See Figure 1.

3. Remove the mounting nuts (3) from the mounting clamp (2) and set aside.
4. Install the replacement touch screen (1) onto the mounting clamp (2) and tighten all mounting nuts (3) to 2.5 N•m (22 in-lbs).

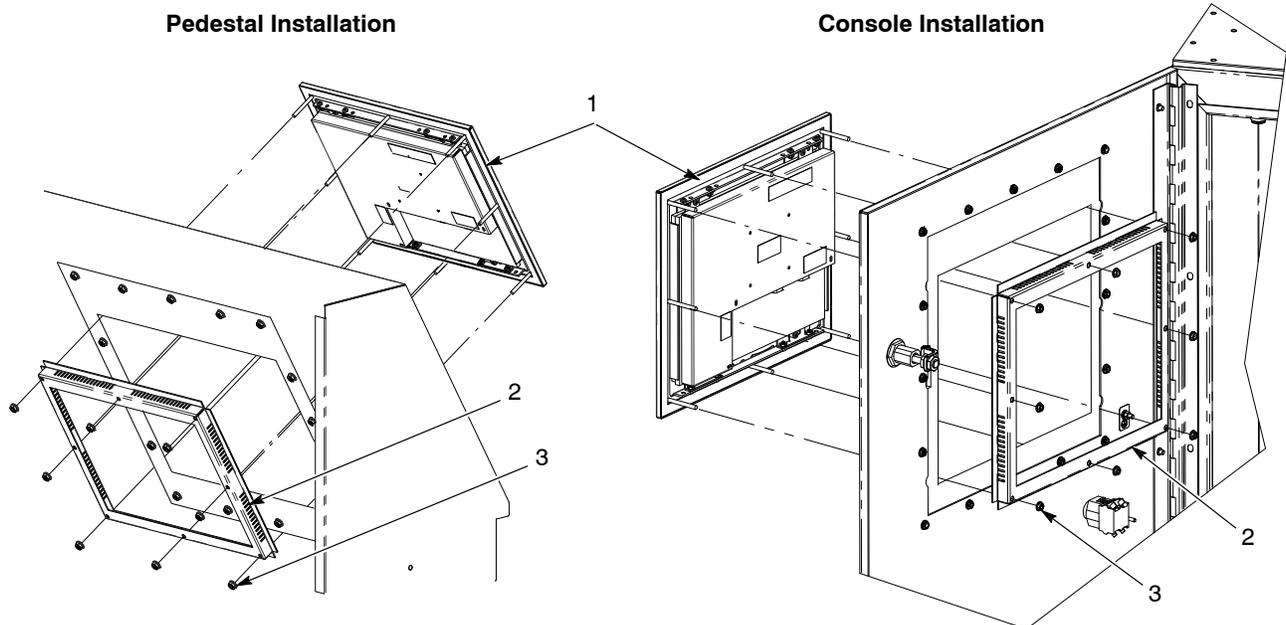


Figure 1 Touch Screen Replacement

1. Touch screen

2. Mounting clamp

3. Mounting nut

## Touch Screen Installation *(contd)*

See Figure 2.

5. Connect the touch screen serial cable to the touch screen serial port (6) the same way as the original.
6. Discard the 90 degree video cable and connect the replacement video cable to the video port (5) the same way as the original.
7. Connect the replacement power cable harness (7) to the touch screen terminal block (4) as shown.
8. For pedestal installations, use the short cable and connect to the relay board terminal block (8) as shown. For console installations, use the long cable and route the power cable harness (7) through the cabinet and connect to the relay board terminal block (8) as shown.

**NOTE:** The touch screen is calibrated at the factory. If changing the program card, replacing the iControl 2 PC, or having problems touching screen components accurately, recalibrate the screen using the *Touch Screen Calibration* instructions in the *Encore® iControl 2 Integrated Control System* manual.

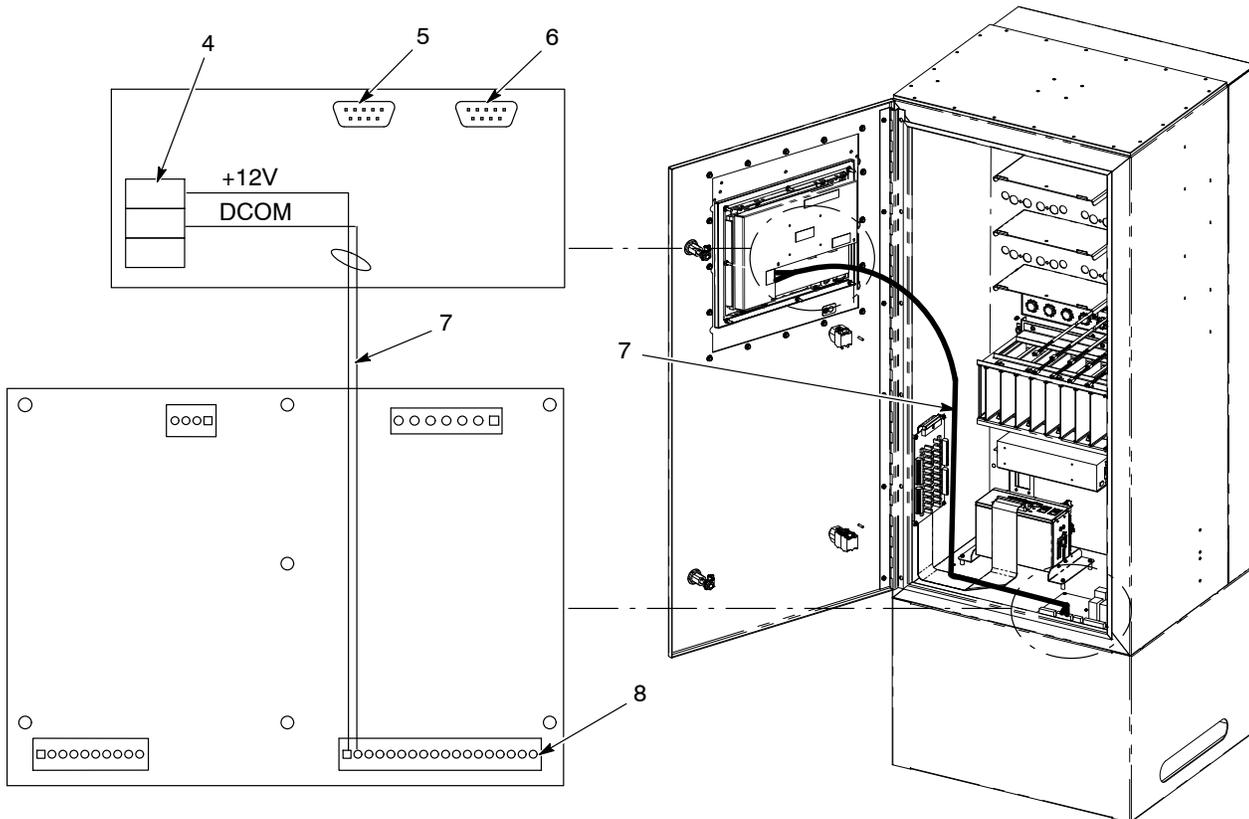


Figure 2 Touch Screen Connections

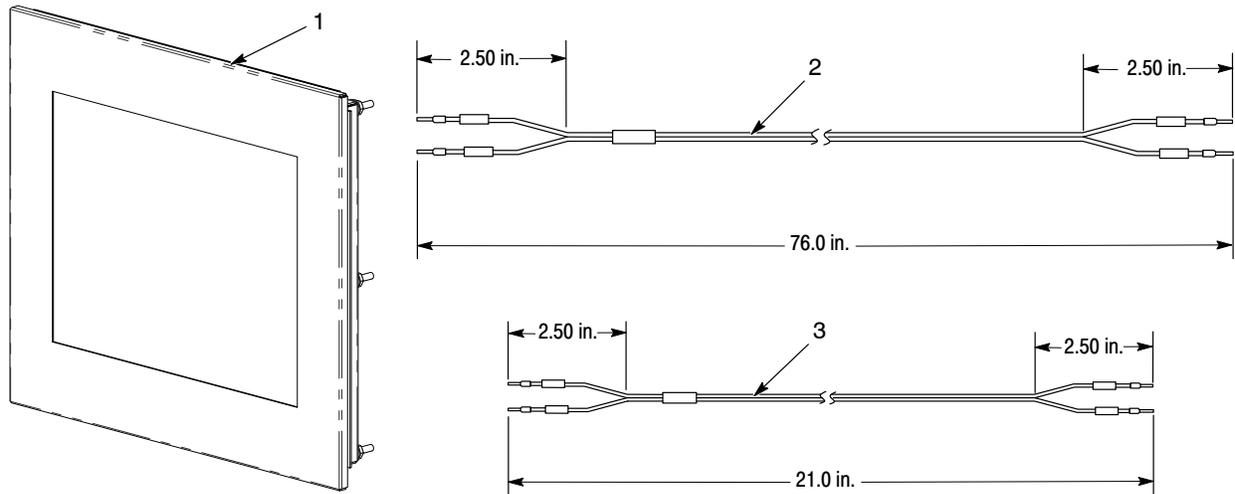
- |                                |                             |                               |
|--------------------------------|-----------------------------|-------------------------------|
| 4. Touch screen terminal block | 6. Touch screen serial port | 8. Relay board terminal block |
| 5. Video port                  | 7. Power cable harness      |                               |

# Parts

See Figure 3.

| Item | Part    | Description                                     | Quantity | Note |
|------|---------|---|----------|------|
|      | 1608095 | Kit, iControl 2, display, touch screen w/ cable |          |      |
| 1    | 1602875 | • Control unit, PC, panel mount, touch screen   | 1        |      |
|      | -----   | • • Video cable, blue, straight connection      | 1        | NS   |
| 2    | -----   | • Cable, harness, power, display, iControl 2    | 1        | A    |
| 3    | 1608338 | • Cable, harness, power, display, pedestal      | 1        | B    |

NOTE A: Use for console system installations only.  
 B: Use for pedestal system installations only.  
 NS: Not Shown



1602875

Figure 3 Touch Screen Service Kit

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