

T5 Retrofit LCD Display

Installation Instructions

Tools Required

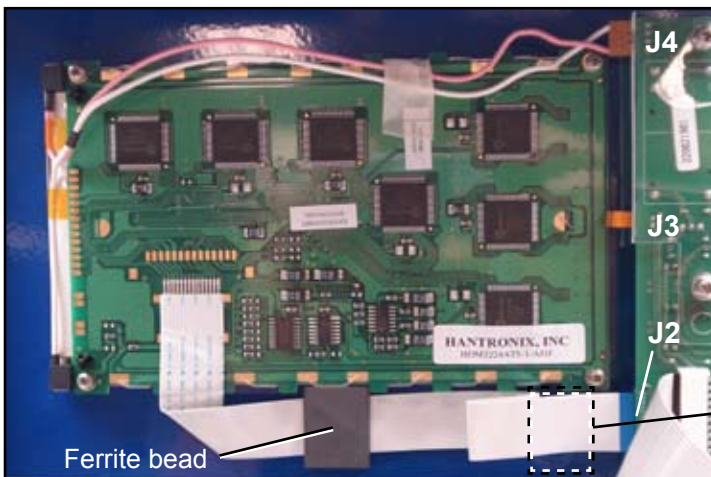
- #1 Phillips screwdriver
- X-acto knife (or equivalent)
- 3/16 Nut driver

Replacing an Existing LCD Display, TS-5 and TS550/5000

1. Power down the system.
2. Open the system door.
3. *TS550/5000 models only*, remove the shield installed on the back of the door.
4. Remove the old LCD Display. Carefully disconnect cables at J2, J3 and J4.
5. Slide the wide ribbon cable through the ferrite bead that is already installed, and connect to J2.
6. *T5 Only* - Fold the wide ribbon cable over as shown in Figure 1.
7. Fit the LCD Display into the opening from the door-back and secure using the four 3/16 inch standoffs (T550/5000) or #4-40 screws (T5).
8. Locate J3 (Figure 1) and gently pull the tab open by grasping the sides and pulling away slightly. Insert the narrow ribbon cable into J3: The side with the metal fingers should face you and the backing face away from you. Once the cable is properly seated gently push the tab back in to secure the cable.
9. Plug the 2 wire cable into J4 (Figure 1) so that the center key is facing away from you.
10. *T550/5000 Only* - Replace the metal shield; making sure that the ground wire is captured by one of the mounting screws.

Adding an LCD Display to the TS-550/5000

1. Power down the system.
2. Open the system door.
3. Remove the shield installed on the back of the door.
4. Remove the four screws and standoffs that secure the LCD Display blank-off plate to the back of the door.
5. Remove the LCD Display blank-off plate (the blank-off plate may stick to the overlay; gently pry it off).
6. From the inside of the enclosure, use a sharp pointed knife to cut a small "X" in the overlay at the four corners of the LCD Display enclosure opening in the metal door.
7. Use a sharp knife to remove the portion of the overlay covering the LCD Display opening.
8. Fit the LCD Display into the opening from the door-back and secure using the four 3/16 inch standoffs with lock-washers.
9. Slide the wide ribbon cable through the ferrite bead (Figure 1) so that the side of the cable with the metal fingers is facing the same direction as the double sided tape on the ferrite bead. Position the ferrite bead approximately 1 inch from the right-hand corner of the circuit board. This will allow future printer installation.
10. Plug the wide ribbon cable into plug J2 (see Figure 1) on the interface PCB so that the side with the backing is facing you and the side with the metal fingers is away.
11. Remove the tab from the back of the ferrite bead to expose the adhesive and push firmly onto the back of the door as shown in Figure 1.
12. Locate J3 (Figure 1) and gently pull the white tab open by grasping the sides and pulling away slightly. Insert the narrow ribbon cable into J3: The side with the metal fingers should face you and the backing face away from you. Once the cable is properly seated, gently push the tab back in to secure the cable.
13. Plug the 2 wire cable into J4 (Figure 1) so that the center key is facing away from you.
14. Replace the metal shield; making sure that the ground wire is captured by one of the mounting screws.



Ferrite bead location for TS-550/5000

Figure 1. T5 Board Installation (TS-5 shown)