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83592-Lx, 83592-Tft
Touch Screen Upgrade Kit C/W Wiring and Mountings
For boiler models manufactured prior to June 1 2012

Applicable Boiler Models

- Lx 150, Lx300-800
- Tft60-399

Kit Contents

- S7999D Touch screen display with mountings
- Touch screen wire harness modification

Tools required:

- ¼" wrench
- #2 Phillips Screw Driver
- Flat screw driver 1/8"

Installation Instructions Lx boilers:

1) Turn off power to the boiler.
2) Remove the screws from the sides of the screen housing then lower the screen refer to **Figure 4.**
3) Disconnect the electrical connectors.
4) Replace the screen assembly with the new one and reconnect the electrical connectors.

Note: Lx boilers built prior to June 2012 will utilize only one of the 2 communication connectors. *The 2ⁿᵈ connector facilitates communication with a building management system (BMS), a feature added in a later software release.* (connectors will only mate up to the correct one)

5) Run the Red and Blue wires to the boiler low voltage junction box and secure them with the provided zip ties.
6) Attach the Blue wire to the **Com (24VAC)** terminal refer to **Figure 3**.
7) Attach the Red Wire to the **R (24VAC)** terminal refer to **Figure 3.**

Figure 1: Lx Display assembly

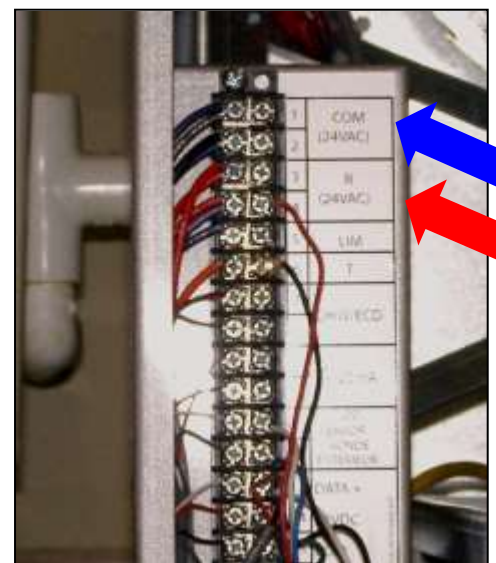**Figure 2: Lx Display (back)**

Figure 3: Lx Wiring (Lx150 shown)

Remove the screws (one on each side) holding the display housing

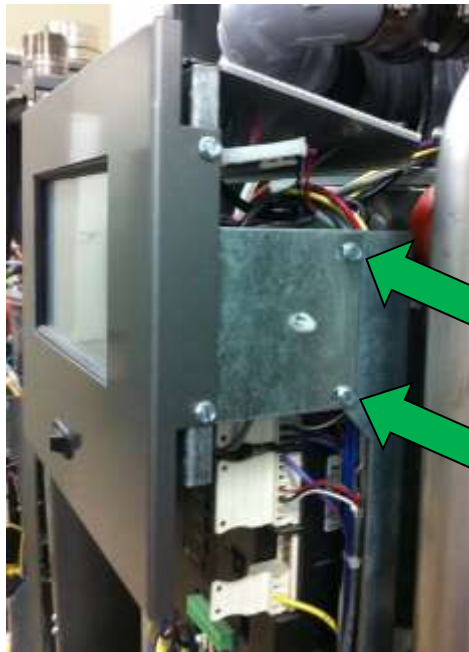Figure 4: Lx screen housing

Installation Instructions Tft Boilers:

1) Turn off power to the boiler at the power source.
2) Remove the 4 sheet metal screws securing the display assembly to the boiler. (see figure 7)
3) Disconnect the electrical connectors.
4) Replace the screen assembly and reconnect the electrical connectors.

Figure 5: Tft Display assemby

Figure 6: Tft Display (back)

Screws to remove from each side of the display assembly

Figure 7: Tft Display removal