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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:

- 1/4" 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 2<sup>nd</sup> 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)

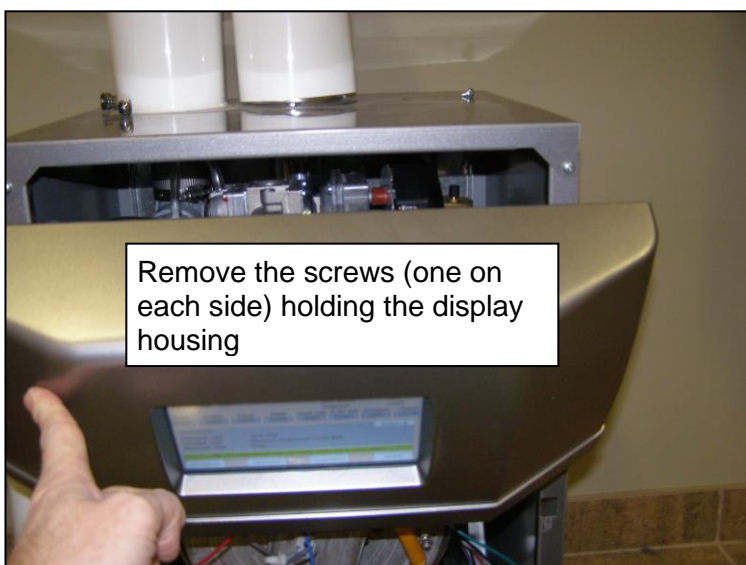


Figure 4: Lx screen housing

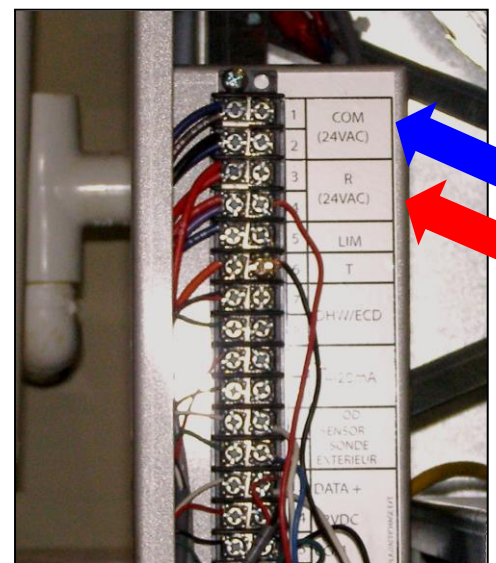


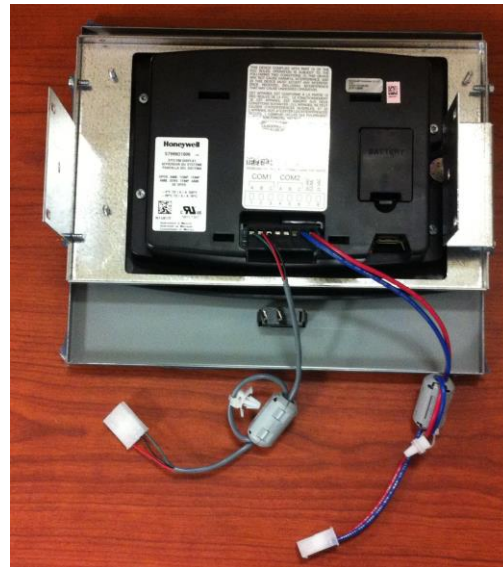
Figure 3: Lx Wiring (Lx150 shown)

**Installation Instructions Tft Boilers:**

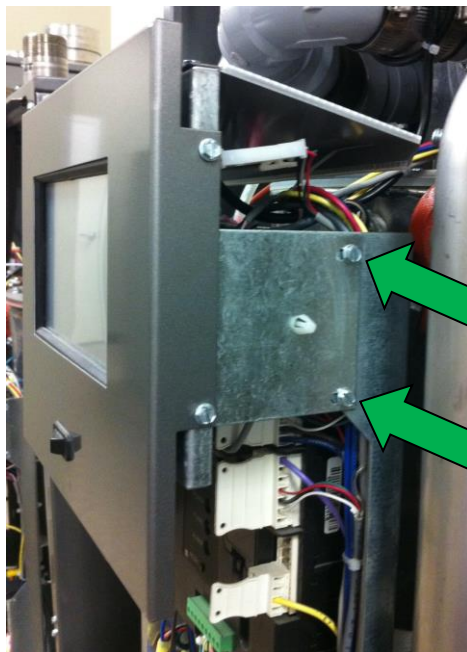
- 1) Turn off power to the boiler at the power source.
- 2) Remove the 4 sheet metal screws securing the display assembly to the boiler. (see figure 7)
- 3) Disconnect the electrical connectors.
- 4) Replace the screen assembly and reconnect the electrical connectors.



**Figure 5: Tft Display assembly**



**Figure 6: Tft Display (back)**



Screws to remove from each side of the display assembly

**Figure 7: Tft Display removal**