Super Two® Network Interface
CICP1300NETBD2
Installation Instructions

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WI2424LF 11/20

1. **Remove power from the SUPER TWO®.** Inside the housing, remove the 6-pin Molex connector marked "Power In" located at the lower-right side of the panel. (see Figure 1 at right). Ensure that all power LEDs are off.

   Note: If the 2MB Memory Expansion Board is installed as per Appendix A in WI1265, the installation instructions for the CIC1300NETBD2 are slightly different; the differences will be noted in the following steps. The required spacers and flexible shield are included in the kit (9CICP13NET2BAG).

2. **On the Super Two main board, remove the 4-40 1/4" Phillips pan-head screw from the top left mounting hole.** Into this mounting hole screw in the 7/16" round MF-type standoff hand tight (see Figure 2). **HINT:** Before installing the Network Interface Board, make a note of its MAC Address (see Figure 3).

3. **Place the Network Interface Board on to the main board**, at the upper left corner (parallel to the top), as shown in Figure 3. Align the standoff hole in the network interface board with the standoff installed in step 2. If the Memory Expansion board is not installed, place the long nylon spacer (SO247LF3) between the Super Two Main board and the Network Interface board (see Figure 3). If the Memory expansion board is installed, place the short nylon spacer (SO249LF3) into the hole on the top of the Memory Board. The short nylon spacer goes between the Memory board and the Ethernet Board. (The short nylon spacer cannot be seen in Figure 4). Align all pins of the board with the **J3** socket and press to insert the pins.

CAUTION: Before handling the Network Interface board, use a grounding strap (or touch the Controller PCB metal chassis) to reduce the possibility of static discharge damaging the PCB and the memory board.

4. **Secure the Network Interface board.** Screw in the 4-40 1/4" Phillips pan-head screw (removed in step 2) into the standoff hole.

5. **Install Flexible shield: (Required for FCC Compliance, allows the use of Unshielded Network Cable).** Install Cable Clamp to the knockout nearest the Network Interface board on left side of metal enclosure. Insert the CAT5 or CAT6 Network UTP cable through the cable clamp, slip the 3-inch flexible shield over the cable, then plug in the CAT5 or CAT6 Network UTP cable into the Network Interface. Slide the shield so the left side is under the clamp, then gently tighten the clamp to secure the cable and shield into place.

   Note: Pull shield snugly over Ethernet cable--do not extend shield over jack.

6. **Restore power.** Reconnect the 6-pin Molex connector marked "Power In". The "OK" lamp should blink (at a rate of approximately once every second). An LED next to the cable socket on the Network Interface will light or blink, indicating a successful connection and/or network activity.

   Note: The Network Interface Board cannot be used in conjunction with RS232 polling. Before installing the Network Interface Board, please remove any wires that may be connected to **J5** pins 4, 5 and 6.
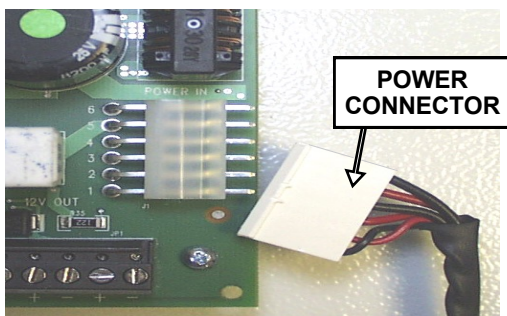

POWER CONNECTOR
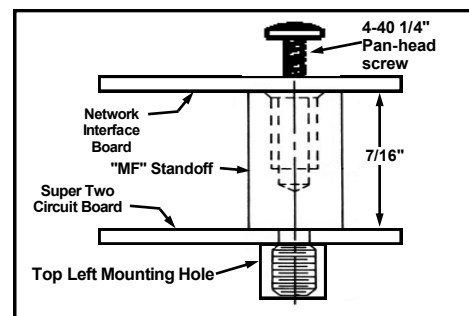
Fig. 1: Remove Power.

4-40 1/4" Pan-head screw

Network Interface Board

"MF" Standoff

Super Two Circuit Board

Top Left Mounting Hole

7/16"

Fig. 2: 7/16" "Screw-on" type standoff.

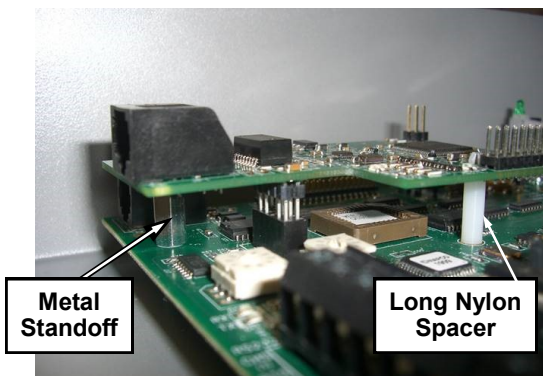**Metal Standoff**

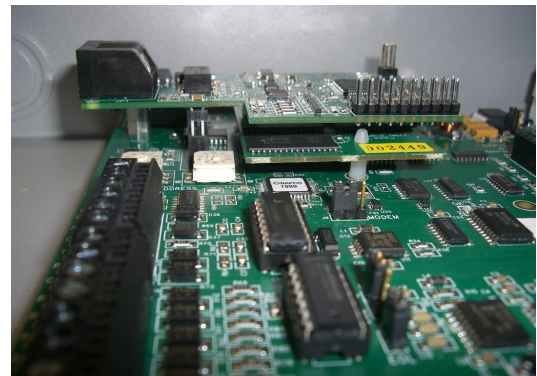**Long Nylon Spacer**

Fig. 3: CICP1300NETBD2 without Memory Expansion Board.

Fig. 4: CICP2100NETBD2 with memory Expansion Board.