



How To

Service Documents from APPI

Document: #HT000031

Document Title: Connect Scale Board, Load Cell, & US-5000

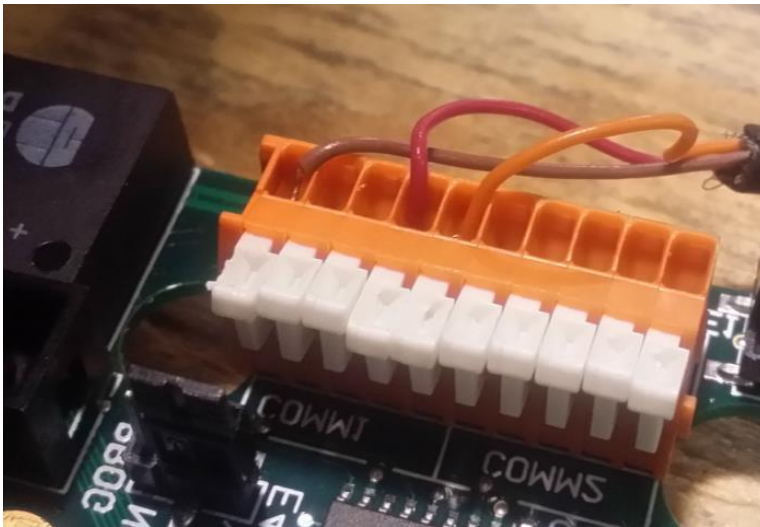
Product(s): US-5000

Procedure:

This HOW TO details the Scale Board and Load Cell connections, and the requirement for programming the PLC.

Turn T-1000 Main Power **OFF**.

Connect the Scale Board PLC Cable to the Comm1 Connector as shown.

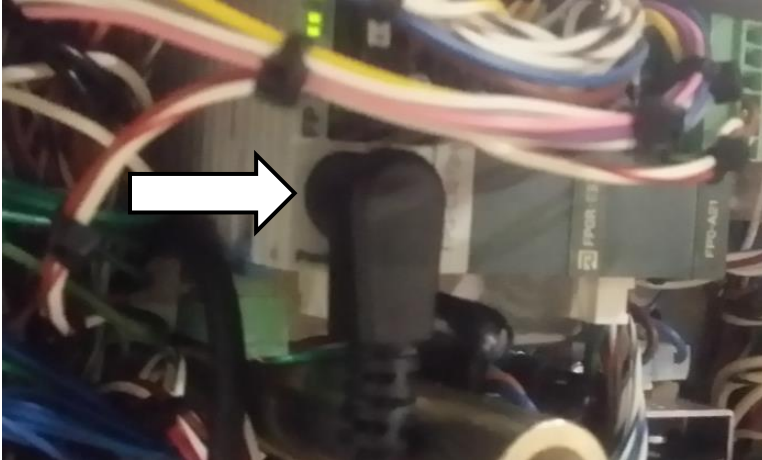


Brown – GND
Red – RX1
Orange – TX1

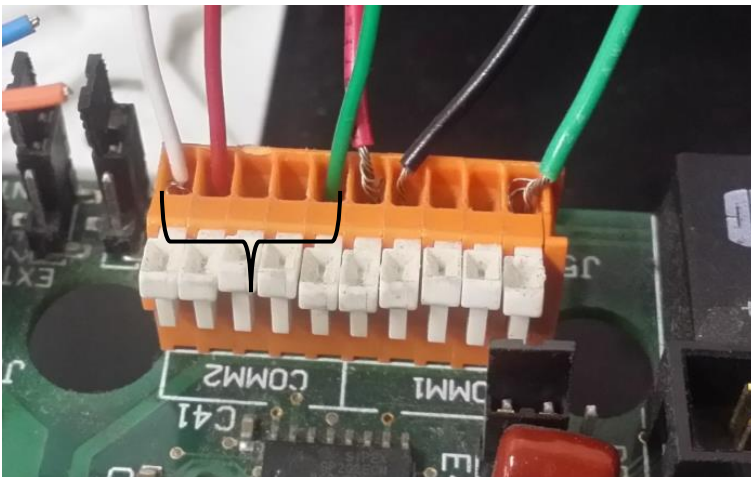


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The Scale Board is to be connected directly to the PLC via the PLC programming port using a 5-pin Mini DIN plug.



Connect the scale board programming port to COMM2 as shown in the picture:

Green – GND

Red – RX2

White: - TX2

(Ignore the COMM1 connection in this picture)

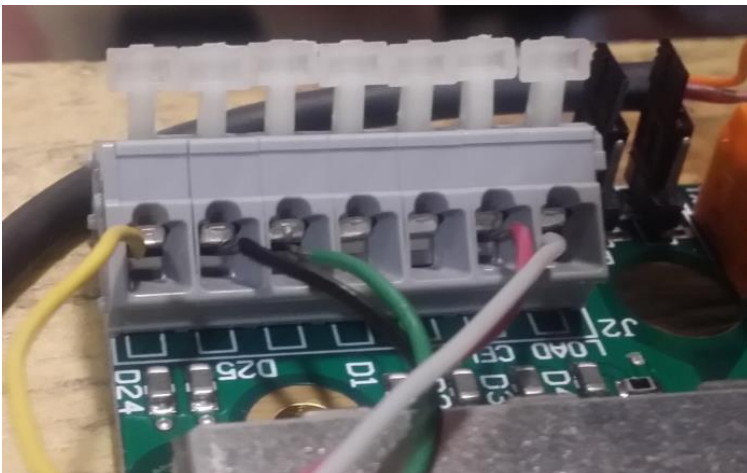


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Attach 110V power as shown



Attach the load cell as shown in the picture:

Yellow – SHD
Black – EXC-
Green – EXC+
Red – SIG-
White – SIG+

US-5000 PLC Programming

When programming the PLC, the PC – PLC connection should be directly on the PLC Mini DIN. The PLC needs to be set manually via the switch to PROG.

The PLC program should have “US5” in the name.

When done programming, unplug the programming cable and re-plug the scale board cable to the Mini DIN connector on the PLC.