

Communication Panel

Description and Use

When a label printer or a laser is used with TigerStop, the Communication Panel is required to integrate these into the system. This product includes a **CON5-10** controller cable.

There are a total of 6 ports on the TigerStop communication panel:

1. 8-pin I/O port
2. 8-pin I/O port
3. RS232 port for Printer cable
4. RS232 port for Laser or Bar Code Scanner cable
5. Can Bus for controller cable from Controller
6. Can Bus for controller cable from Amplifier/Motor



Fig. 1 - TigerStop Communication Panel

Ports 1 and 2 are I/O ports are for additional applications using 8-pin connectors.

Port 3 is used ONLY for a cable to a label printer.

Port 4 is used ONLY for a cable to a laser, used only in Laser Optimizing, or for a Bar Code Scanner.

Ports 5 and 6 are used for cables to the TigerStop controller and to the TigerStop amplifier/motor box.

There are 2 replaceable 1A 250v fuses inside the communication panel.

- The F1 fuse is for the power supply circuit.
- The F2 fuse is for the I/O circuits.

Comm Panel Installation

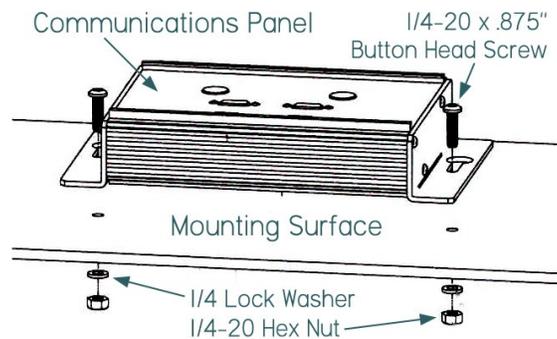


Fig. 2 - Mounting the Communication Panel

1. Locate a mounting surface for comm panel attachment, away from metal chips and dust, and out of high traffic areas.
2. Place the comm panel into position and mark the screw locations with a center punch.
3. Drill holes for the screws using a 5/16" drill bit.

Tools Required

Center punch
Power drill/driver
5/16" drill bit
5/32" hex wrench
7/16" box wrench

Hardware Supplied

1/4-20 x .875 screw (2)
1/4 lock washer (2)
1/4-20 hex nut (2)

TigerStop Communications Panel

4. Insert the 1/4-20 x .875" screws into the holes, add the lock washers and hex nuts, and tighten down using a 5/32" hex wrench and a 7/16" box or combination wrench.

Comm Panel Fuse Replacement

There are 2 replaceable 1A 250v fuses inside the communication panel:

- The F1 fuse is for the power supply circuit.
- The F2 fuse is for the I/O circuits.

Fuse Replacement

1. To replace the fuses, unplug any cables from the panel.
2. Remove the screws from the end plates and carefully lift the comm panel out.
3. Slide the two halves of the panel apart, and replace the fuses.
4. Reassemble the panel and screw it back into place between the end plates.
5. Plug the cables back into the appropriate ports.

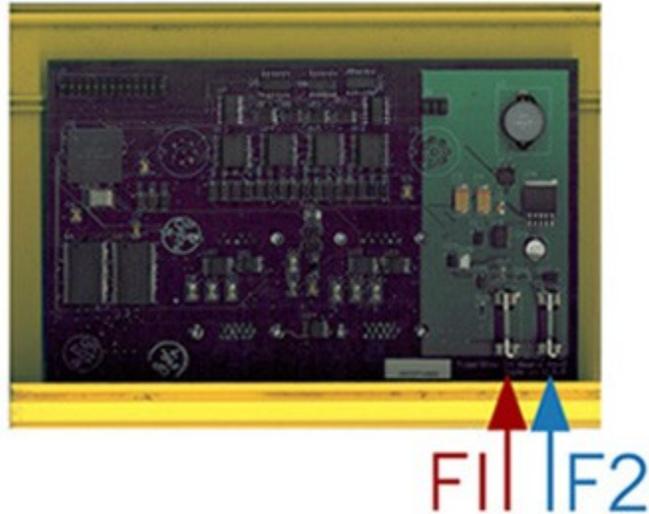


Fig. 3 - Communication Panel Fuse Locations

CON5-10

Controller Cable

Description and Use

The TigerStop 5.0 controller cable connects the controller to the motor box or amplifier box on all machines.

- The controller cable is 10' (3m) long..
- The ends are color coded: blue end plugs into the amplifier, yellow end to the controller.
- Also used to integrate a communication panel between the amplifier and the controller.



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TigerStop LLC, Assembly Plant, 12909 NE 95th Street, Vancouver, WA 98682 USA
Customer Service 360.448.6102 — Fax 360.260.0755 — Web www.tigerstop.com