

TigerStop Keypad Membrane

Installation Guide



Safety First!

IMPORTANT SAFETY INFORMATION. READ ALL WARNINGS BEFORE OPERATING THIS PRODUCT.



GENERAL WARNINGS

WARNING: Installation of your TigerStop Product must be done by a person trained in the safe design and installation of automation products, and in the safe operation of power equipment. Ensure that such installation meets all legally required safety requirements and guidelines, and that proper guarding and safety devices are provided on all sides of the equipment to preclude unintended access during operation. Consult with and follow the recommendations of a qualified safety engineer.

WARNING: TigerStop Products are components intended for use in conjunction with potentially dangerous machinery. The use of TigerStop Products does not make other machinery safe. TigerStop Products are not intended to substitute, in any manner, for safe operating practices in general, or for safety features present in other machines designed to make those machines as safe as possible. **TIGERSTOP PRODUCTS, IF USED OR INSTALLED IMPROPERLY, MAY CAUSE PERSONAL INJURY OR DEATH AND SHOULD ONLY BE OPERATED BY PERSONS TRAINED IN THEIR SAFE OPERATING PROCEDURES.** Illustrations of TigerStop Products in use do not show, and are not intended to show, all safety features and practices necessary for their safe operation.



INSTALLATION WARNINGS

WARNING: TigerStop Products must be installed in accordance with all local, state, and federal regulations. Only personnel properly trained in the safe design and installation of automation machinery and related power equipment should install TigerStop Products onto other equipment, to ensure a safe and proper work station. TigerStop Products should not be operated without proper training, both in the operation of TigerStop Products, and in the operation of related equipment.

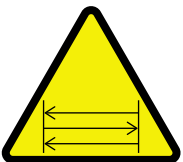
IMPORTANT CAUTION:

The motor box (compartment) contains DC voltage with potentially FATAL amperage. NEVER attempt any unauthorized actions inside the motor box.



INTERCONNECTS

WARNING: Using a TigerStop interconnect does not relieve you of the responsibility for making sure that your saw or other tool has all the necessary safety equipment in place. All installations must meet all legally required safety requirements and guidelines. Installation and training should be done following the recommendations of a qualified safety engineer.



OPERATION

DANGER: This machine can start, move and stop automatically. Keep hands and loose clothing clear of moving parts while operating. Moving parts can crush and cut. When used with a saw or other cutting equipment, bodily injury and death may result if operated without safety guards on all machines. Do not operate with guards removed. Operators must wear adequate eye and ear protection.

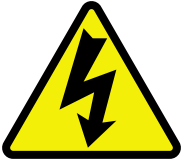


DANGER! Don't get pinched by the push feeder. Keep your hands away when in motion!

IMPORTANT SAFETY INFORMATION. READ ALL WARNINGS BEFORE OPERATING THIS PRODUCT.



Keep the work area clean and well lighted to avoid accidental injury.



Do not use TigerStop machines in a dangerous environment. Using power tools in damp or wet locations or in rain can cause shock or electrocution.



Do not operate near flammable liquids or in gaseous or explosive atmospheres!



Wear proper apparel, no loose clothes, long hair or jewelry which could get pulled into moving machinery or materials.
Wear non slip footwear, safety glasses, ear protection and a dust mask.



Use only 3- wire extension cords that have 3-prong grounding type plugs and 3-pole receptacles that accept the tools plug for 120VAC. Use only 5-wire cords and plugs when using 3 phase.



Do not open motor compartment or controller keypad. DC Voltage with potentially FATAL amperage!
Disconnect power before servicing. No user-serviceable parts inside.

DO NOT operate this or any machine under the influence of drugs or alcohol!



No one should operate this machine except for fully qualified personnel.
Read the manual!

Keypad Membrane Replacement



CON5 Keypad Membrane
V5.00+



SMT Keypad Membrane
V3.51 - 4.72

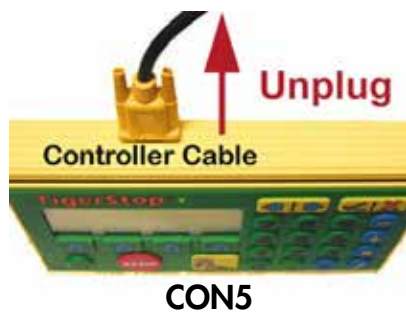
The TigerStop keypad is an adhesive membrane that sticks to the front of the controller case. TigerStop uses two styles of keypad membranes. The CON5 keypad membrane is used on all TigerStop machines version 5.00 and higher. The SMT keypad membrane is used on older TigerStops version 3.51 to 4.72.

1. Before starting the installation, be sure to ground yourself.
2. Power down TigerStop and unplug it from the wall before performing the installation.

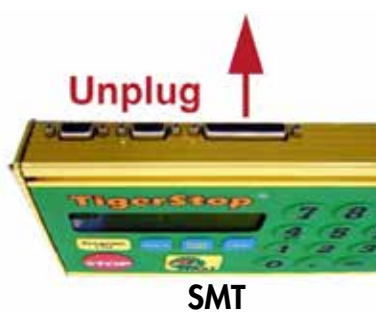


3. Unplug the controller cable from the TigerStop controller.

Note: Ensure the TigerStop is powered down and unplugged! Unplugging TigerStop with the power on may damage the controller.



CON5



SMT

- Loosen the screws holding the TigerStop controller to the controller stand. Once loose, slide the controller off of the stand.
- Take out the 4 screws holding the end plate to the controller case. Remove both end plates.

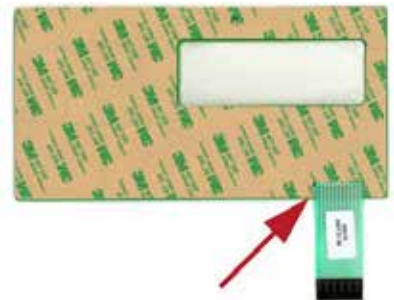


- Slide the controller apart. Set the controller back aside. Flip the top of the controller over, so you can see the circuit board.
- You will see a flat ribbon cable connecting the keypad membrane and the circuit board. Grab the black ribbon cable connector and unplug the ribbon cable from the circuit board.



- Starting in the corner, peel the keypad membrane off of the controller case.
Note: The old keypad membrane may leave a sticky residue on the surface of the controller case. Be sure to remove this before continuing the installation.

- Flip the new keypad membrane over and peel back the paper backing on the keypad membrane.



- Pass the ribbon cable through the hole on the front of the controller case.
- Carefully stick down the bottom of the keypad membrane to the controller case. Roll the membrane onto the controller case in an upward motion.

Note: When applying the membrane, be careful to not leave any air bubbles between the controller case and the keypad membrane.



12. Turn the controller back over and plug the ribbon cable into the circuit board.
13. Reassemble the controller and mount it back onto the controller stand.
14. Plug the controller cable back into the controller.
15. Power up as normal.

