Installation Guide

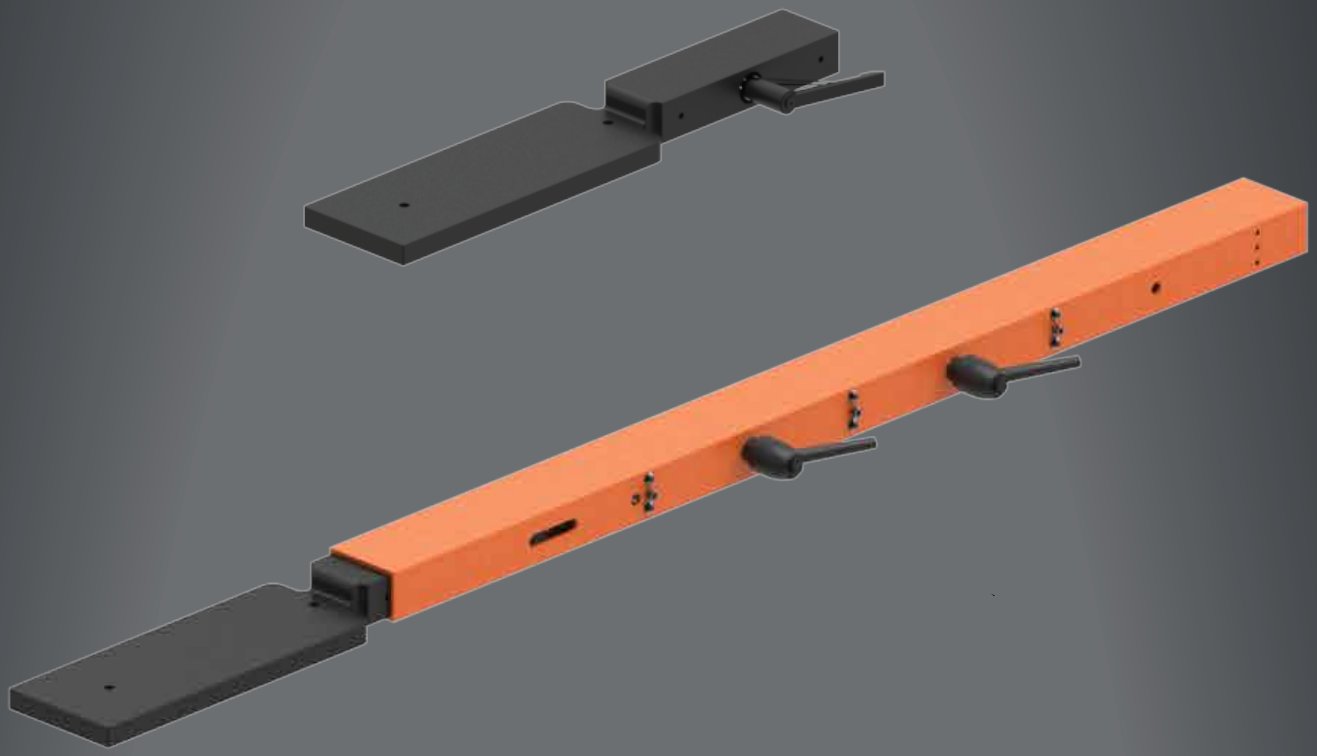
2017 TigerStop, LLC®

USA BUILT

TigerStop®

fast and accurate...every time

Pusher Foot & Extended Pusher Foot



February 2017 Mk1

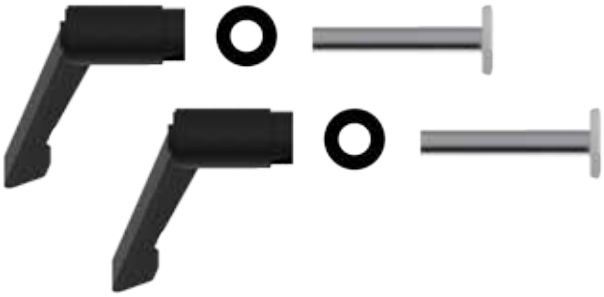
☐ **Pusher Foot**

☐ Pusher Foot

☐ Locking Handle

☐ **Extended Pusher Foot**

☐ Extended Pusher Foot



☐ Locking Handles

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.

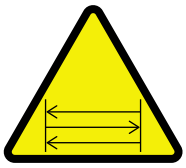
INSTALLATION WARNINGS

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.

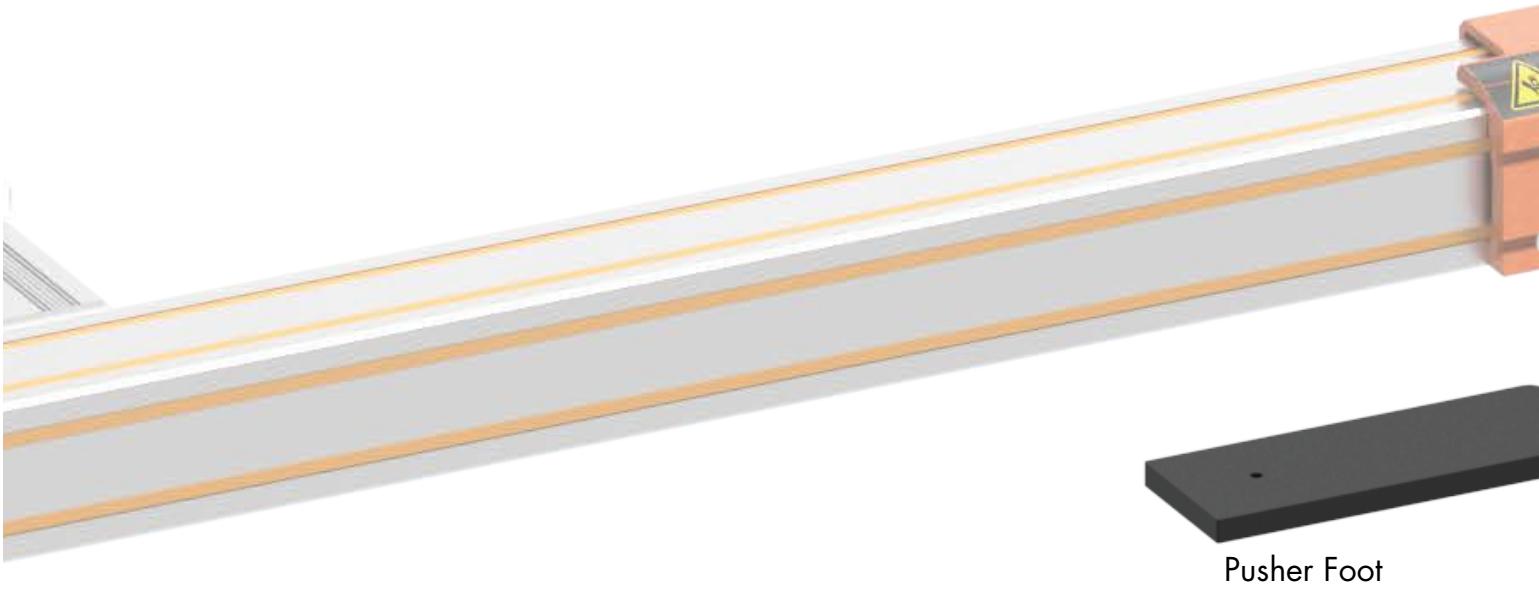
Do not open motor compartment or controller keypad. DC Voltage with potentially FATAL amperage! Disconnect power before servicing. No user-serviceable parts inside.

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

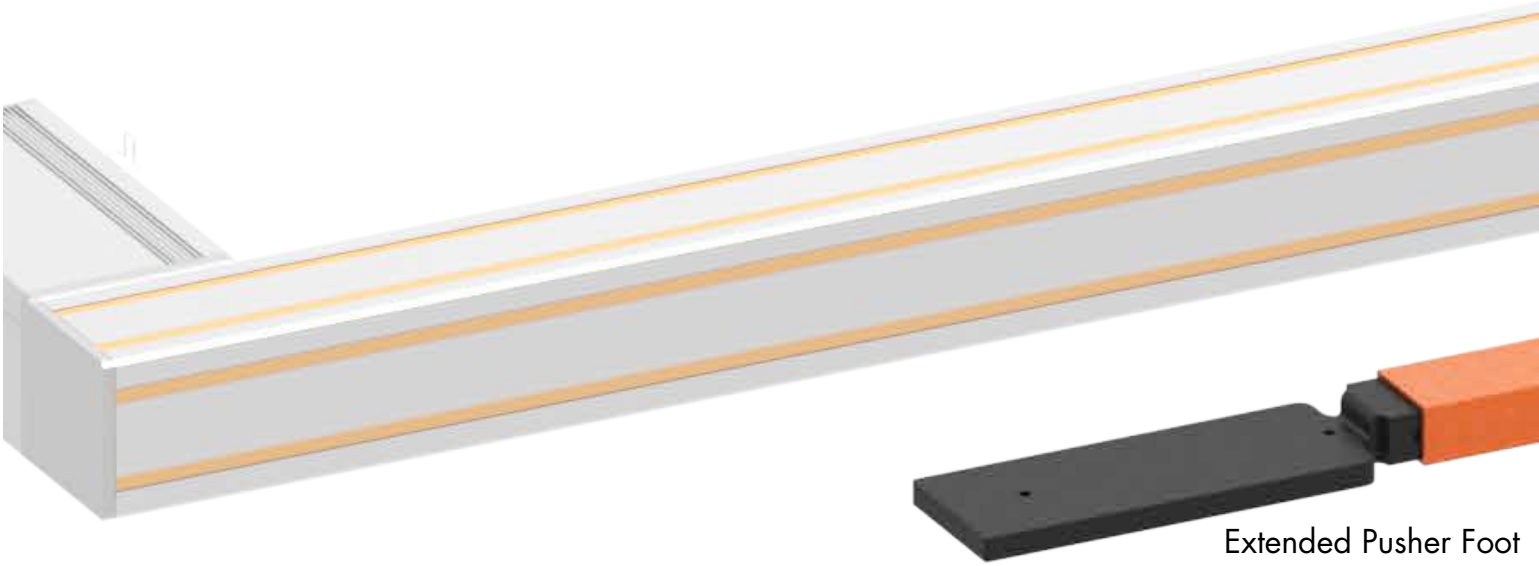
No one should operate this machine except for fully qualified personnel.

Read the manual!

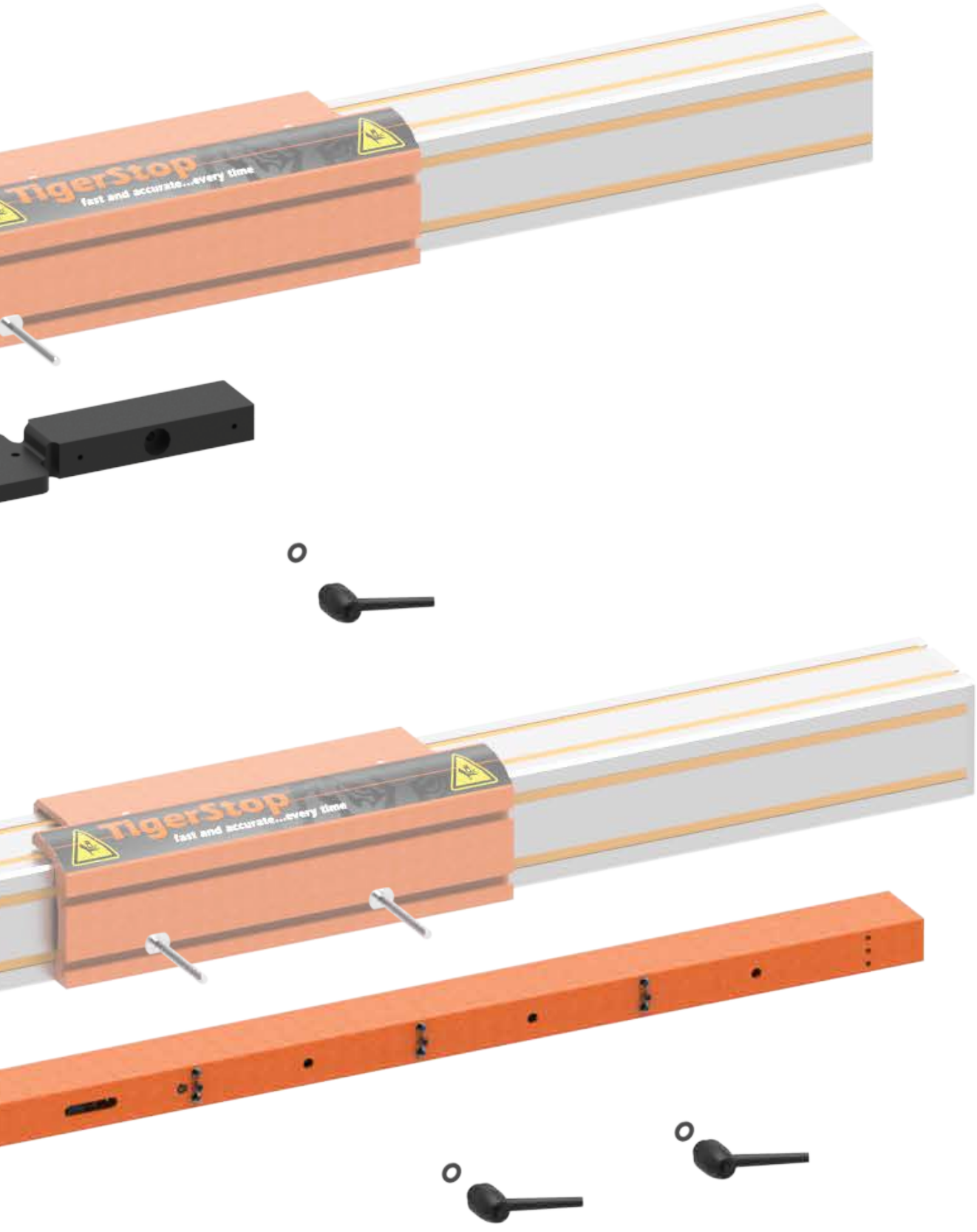
Installation



Pusher Foot



Extended Pusher Foot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Setup

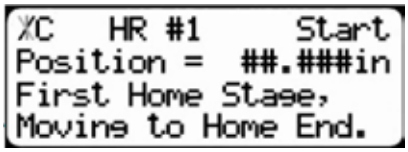
Run the Home Routine

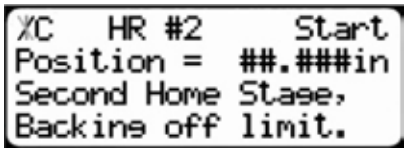
When TigerStop is powered up, it performs the home routine. The home routine is a 3 step process where TigerStop will move to its farthest possible location.

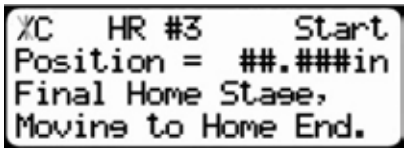
1. Power up TigerStop by toggling the power switch on the side of the motor box.
2. Press **START** when prompted.

Note: TigerStop will now move to its farthest possible location. Ensure the area is clear!

3. TigerStop will now display the 3 stages of the home routine.

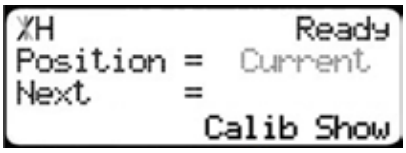




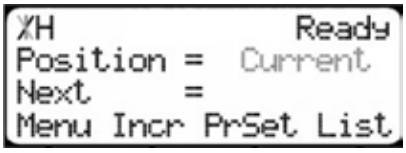


4. When finished, TigerStop will display the Ready Screen.

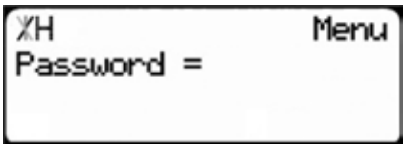
Calibrate



1. Start at the Ready Screen. Press the [Show] soft key to display more options.

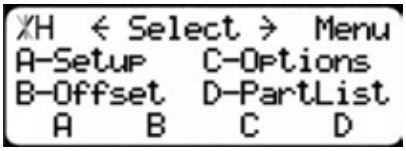


2. Press the [Menu] soft key to access the menu select screen.

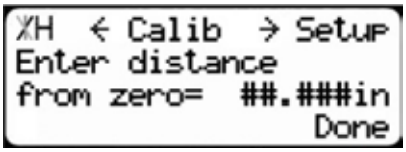


3. TigerStop requires a password to access the menu screen. Enter your TigerStop password and press =.

Note: By default, the TigerStop password is set to the serial number.



4. Press the [Setup] soft key to access the Setup menu.



5. Press > until you get to the Calibrate setting.
6. Measure how far TigerStop is from the tool.
7. Enter the measurement and press =.

FIND US ONLINE AT

www.tigerstop.com

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12909 NE 95th Street
Vancouver, WA 98682-2426
1.360.254.0661
sales@tigerstop.com

TigerStop B.V. Holland
31 546 575 171
info@tigerstop.nl