TigerStop® Version 5.0

fast and accurate

These quick reference cards are for basic setup and use of all TigerStop products. If you require more detailed information, please refer to the TigerStop Manual at:
http://www.tigerstop.com/manual/tigerstop/

D A N G E R

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 saws 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. High voltage DANGER—Do not open motor compartment or controler keypad. No user-serviceable parts inside.

Simple Start Up

1. Turn TigerStop ON.

```
XH   Begin HR  Start
Clear the deck.
Press START to run
the Home Routine.
```

2. Press [START] to run the home routine.

```
XH                    Ready
Position =  Current
Next     =
                      Show
```

Now command TigerStop to move by using one of its many functions!

```
XH                    Ready
Position =  Current
Next     =
                      Show
```

At the Ready Screen press [D] to show the soft key menu prompts! Press [Cancel] to hide them again!

```
XH                    Ready
Position =  Current
Next     =
Menu Incr List PrSet
```


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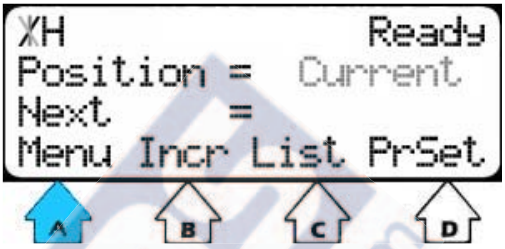
② Make TigerStop Accurate

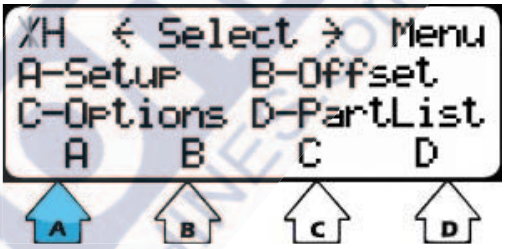
Calibrate TigerStop whenever the saw blade or your tool setup has been changed.

Calibration *sets the distance from the stop's current position to the zero point.*

1. Press [A] for Menu at the Ready Screen.

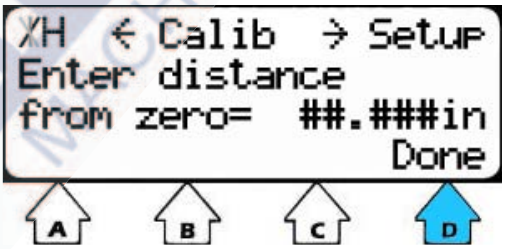


2. Press [A] for Setup.



Cut a sample piece and measure it carefully.

3. Enter the sample length, then press [D] to save and exit.



Find Limit

automatically finds the minimum and maximum limits of travel.

1. Press [A] for Menu at the Ready Screen, then [A] for Setup.

2. Press  to scroll to Find Limit.

3. Press 

to run, then STOP to exit.

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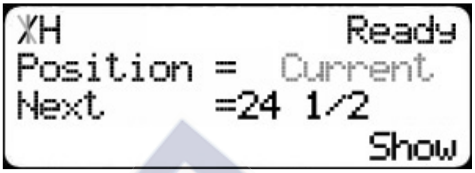
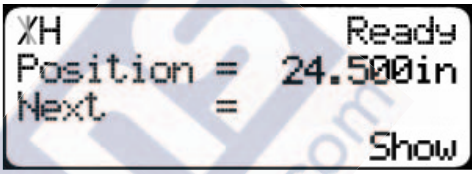
Move! 3

To move to a position by entering a length at the controller…

1. **Enter a length at the Ready Screen.**

Example: **Move to 24½”**





2. **Press** 

.

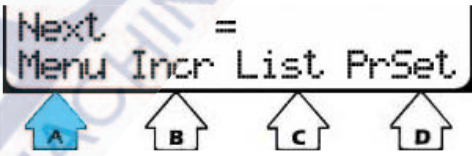
Inches or Metric

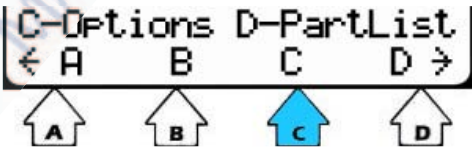
1. **Press [A] for Menu at the Ready Screen, then [C] for Options.**

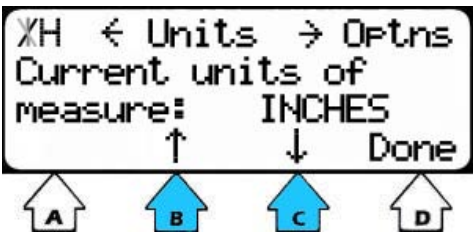
2. **Press**  **to scroll to Units.**

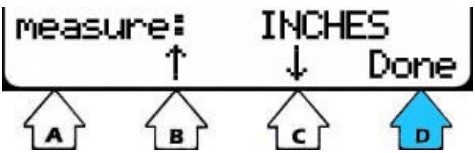
3. **Press [B] or [C] to toggle between inches and metric.**

4. **Press [D] to save your selection and exit.**









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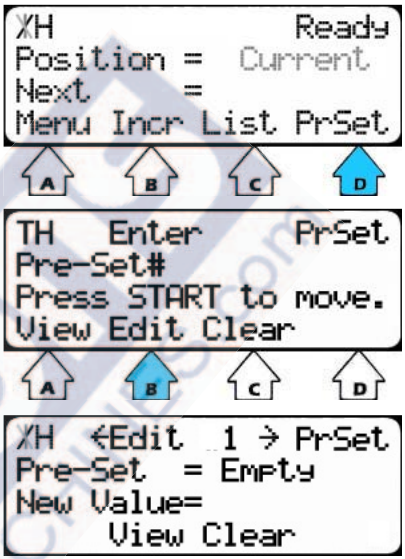
4 Pre-Set

The Pre-Set function is a set of 100 “hot keys”. Create, edit and delete them on the fly, as needed.

Make some hot keys!

1. Press [D] for Pre-Set at the Ready Screen.
2. Press [B] for Edit.
3. Enter a value for your pre-set, and press =.
4. Press STOP to exit.

Hot Key = Pre-Set



Use your hot keys!

1. Press [D] for Pre-Set at the Ready Screen.
2. Enter a pre-set number.
3. Press START to move to the pre-set length.

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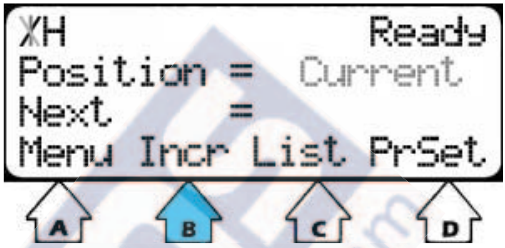
Increment

5

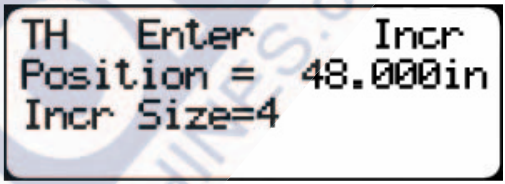
Increment is a length that is subtracted from the current position, moving the stop toward the zero end.

Increment movement = increment value + kerf.

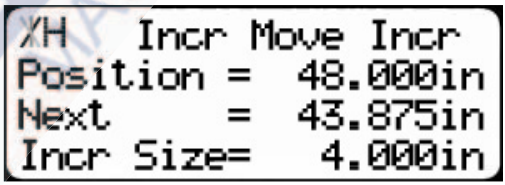
1. Press [B] for Increment at the Ready Screen.



2. Enter your increment length and press =.

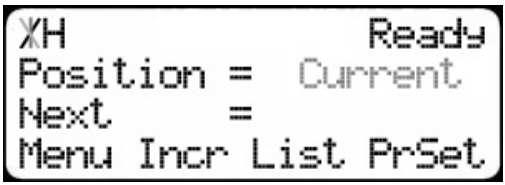


3. Press START.



4. Repeat step 3 as many times as needed.

5. Press STOP to exit.



When you exit Increment, your value is NOT saved!

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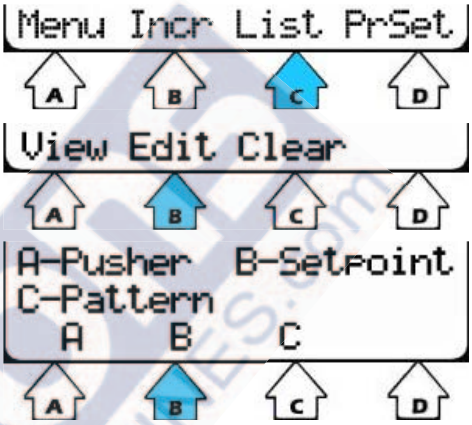
6 List

The List function is used to create, store and use part lists (cut lists) in TigerStop memory.

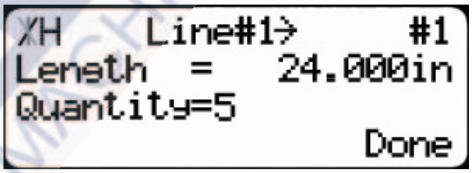
Create & run a part list!

1. **Press [C] for List at the Ready Screen.**

- **Enter a part list # from 1~100, then press [B] for Edit,**
- **and [B] for set point part list.**



2. **Enter lengths and quantities.**



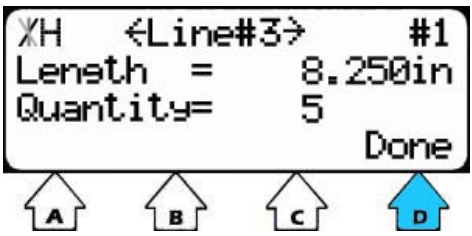
Example: 24” 5 cuts

14” 10 cuts

8¼” 5 cuts

3. **Press [D] for Done to store the list.**

- **Press**  **to run it now, or**  **to exit.**



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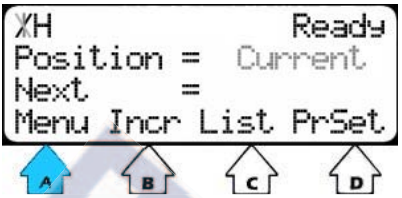
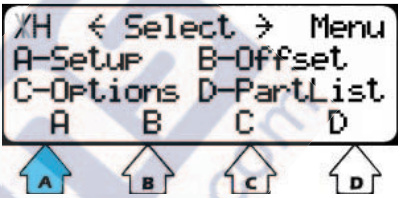
Home TigerStop

The Home TigerStop function lets you run the home routine at any time without having to cycle power on and off.



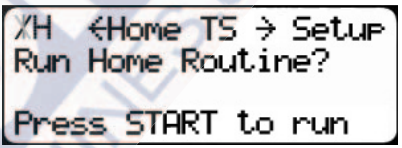
1. Press [A] for Menu at the Ready Screen.
2. Press [A] for Setup
3. Press  to scroll to Home TS.



Make sure that nothing is in the path of the stop!

4. Press 

. *TigerStop will run the home routine. When it halts…*



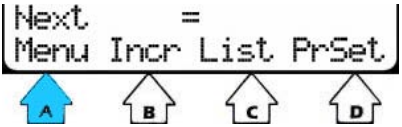
5. Press 

to exit.

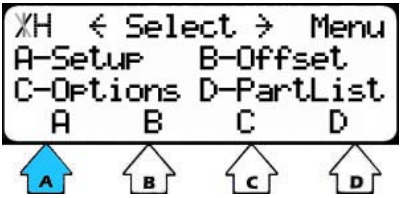
Saw Kerf

…is the width of the cut your saw blade makes.

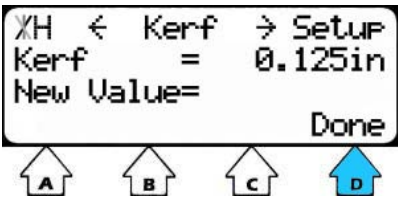
Whenever you change saw blades, make sure actual kerf equals the kerf parameter. If it isn't, update the kerf parameter.



1. Press [A] for Menu at the Ready Screen.
2. Press [A] for Setup



3. Press  to scroll to Kerf.



4. Enter the actual kerf width, then press [D] to save and exit.

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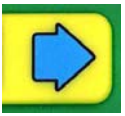
8 Functional Keys

The ON/OFF button turns the display and drive OFF.

The LEFT arrow button back spaces and deletes one character at a time. In menus, scrolls backwards.



The RIGHT arrow button inserts one space at a time while entering numbers. In menus, scrolls forwards.

The OK button accepts selections, and advances to the next screen.

The CANCEL button cancels a menu selection without saving, and goes to the previous screen or menu.

The START button moves the stop to the NEXT position displayed on the screen. Used for no other purpose.

The STOP button instantly stops any TigerStop movement. From inside any menu, it returns to the Ready Screen.

Soft Keys

Used to select options displayed on the bottom line of the screen.

Calculator Keys

Used to enter values just like those on any calculator, with decimal point.

Math Function Keys

Math function keys are used ONLY in arithmetic calculations.

Used to subtract, and to enter NEGATIVE values.

Used to multiply values.

Used to add values.

Used to divide, and to enter fractional values.

Used to complete a calculation and view the result WITHOUT moving the stop. Pressing [=] applies previous user input WITHOUT moving the stop.

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