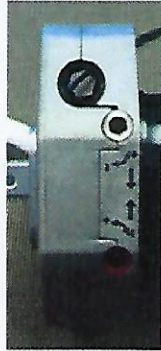
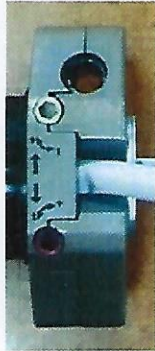


# Tusser

SIGNATURE MOTORS AND ELECTRONICS



Motor LEFT



Motor RIGHT

## LIMIT SETTING INSTRUCTIONS ON TRS45M STANDARD OVERRIDE MOTORS

\*\*Arrows depict tube rotation not upper and lower limit

\*\*Do not rotate micro-limit adjustments while motor is not powered

\*\*Standard motors can be identified by the 12' 16/3 with ground power lead






It is suggested that you use a test switch to ease the programming process. This will give you the ability to turn power on and off quickly.






Make sure you have the supplied green limit setting tool which has a 5/32" hex key or allen head drive on one end.

### MOTOR ON RIGHT - LOOKING AT THE FRONT OF THE UNIT

#### Setting lower limit




1. Insert the limit tool into  the micro-limit adjustment slot
2. Using the test switch power the **RED** wire
3. Quickly turn limit tool **counter-clockwise** toward the - until motor stops 
  - If motor doesn't stop before lower limit, press stop and run product up and repeat #2 & #3
4. Now slowly turn **clockwise** toward the + until desired lower limit is reached 

#### Setting upper limit




1. Insert the limit tool into the  micro-limit adjustment slot
2. Using the test switch power the **BLACK** wire
3. Quickly turn limit tool **counter-clockwise** toward the - until motor stops 
  - If motor doesn't stop before lower limit, press stop and run product up and repeat #2 & #3
4. Now slowly turn **clockwise** toward the + until desired upper limit is reached 

### MOTOR ON LEFT - LOOKING AT THE FRONT OF THE UNIT

#### Setting lower limit

1. Insert the limit tool into  the micro-limit adjustment slot
2. Using the test switch power the **BLACK** wire
3. Quickly turn limit tool **clockwise** toward the - until motor stops 
  - If motor doesn't stop before lower limit, press stop and run product up and repeat #2 & #3
4. Now slowly turn **counter-clockwise** toward the + until desired lower limit is reached 

#### Setting upper limit

1. Insert the limit tool into the  micro-limit adjustment slot
2. Using the test switch power the **RED** wire
3. Quickly turn limit tool **clockwise** toward the - until motor stops 
  - If motor doesn't stop before lower limit, press stop and run product up and repeat #2 & #3
4. Now slowly turn **counter-clockwise** toward the + until desired upper limit is reached 

\*\*Please instruct the client that using the manual interior crank may cause the shutter to retract