

# Timotion Actuator Instruction Manual



## Parts:

- 1 qty 10 ½" THROTTLE ROD
- 1 qty 5/16" X 1 ½" BOLT
- 1 qty 5/16" LOCKWASHER
- 1 qty 5/16" NUT
- 1 qty 1/4" X 1 ¼" BOLT
- 2 qty 1/4" X 1" BOLTS
- 2 qty 1/4" LOCKWASHERS
- 4 qty 1/4" FLAT WASHERS
- 5 qty 1/4" NUTS



Place actuator on the bracket as pictured.



Use the 5/16" X 1.5" bolt, lockwasher and nut to hold the actuator in place, and then tighten.



Place the 1/4" X 1 1/4" bolt through the hole on the actuator ram. Place 1 qty. 1/4" nut on the bolt and tighten. Next, place the throttle rod on the bolt and use 2 qty. 1/4" nuts on the bolt and tighten. The nuts will lock together and keep the throttle rod in place.



The assembled actuator is ready to be mounted on the stand on the seed tender. The bracket will mount on to the slotted hole on the stand, as illustrated in the photo on the left.



Mount the bracket as shown using  
2 qty. 1/4" X 1" bolt,  
2 qty. 1/4" nuts,  
2 qty. 1/4" lock washers and  
4 qty. flat washers.

The flat washer are placed on both  
sides of the slotted hole. The actuator  
needs to be placed so that it is straight  
and in line so that no  
interference occurs with the motor.  
(See photo at the bottom of this page)

Finally, locate the throttle lever on the  
motor. Now, locate the throttle screw.  
Place the throttle rod through the throt-  
tle screw and tighten the throttle nut in  
order to keep the throttle rod in place.

NOTE: The actuator needs to be  
placed perfectly straight so that it  
doesn't come in contact with the motor.

