

**Speed Tender Throttle
Control**

SET-UP GUIDE





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Safety Rules

 This Safety-Alert symbol indicates a hazard and means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

 **DANGER** Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.



 **WARNING** Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed.

 **CAUTION** Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.

IMPORTANT Indicates that failure to observe can cause damage to equipment.

NOTE Indicates helpful information.

SAFETY RULES:

 **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!** 

Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be erased by an operator's single careless act. In addition, hazard control and accident prevention are dependent upon the awareness, concern, judgment, and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

Make certain that the operator(s), prior to operating is instructed in safe and proper use and reviews and understands the manual(s) pertaining to this machine. Also make certain that the operator(s) reviews and understands the operator's manual of the tow vehicle prior to hooking up or operating the Speed Tender.

Read this manual before you operate this machine. If you do not understand any part of this manual, or need more information, contact the manufacturer or your authorized dealer.

Safety Rules Next Page

Motor Controller Installation

1. Mark the location of the holes that need to be drilled to mount the HBR10 Motor Controller.

- The Motor Controller is **12in** from the frame and **4-3/4in** from the side wall of the front leg.
- Holding the Motor Controller in place mark the location of the holes
- Center punch your mark and drill the hole using 7/32in drill bit.
- Use the two 10-24 Screw and Nut to attach the Motor Controller as well as the ground eyelet (make sure it is well ground)



Figure 1

2. Connect the HBR10 Motor Controller to the **Seed Tender Receiver** and the **Throttle Motor**. The throttle motor wire will have to be pulled through a hole on the front leg.

3. With the throttle motor connected, turn on the remote and receiver. Test the throttle motor using the up and down buttons on the remote. **Make sure the throttle motor cable is retracted to its shortest position (full throttle) before moving to the next step.**

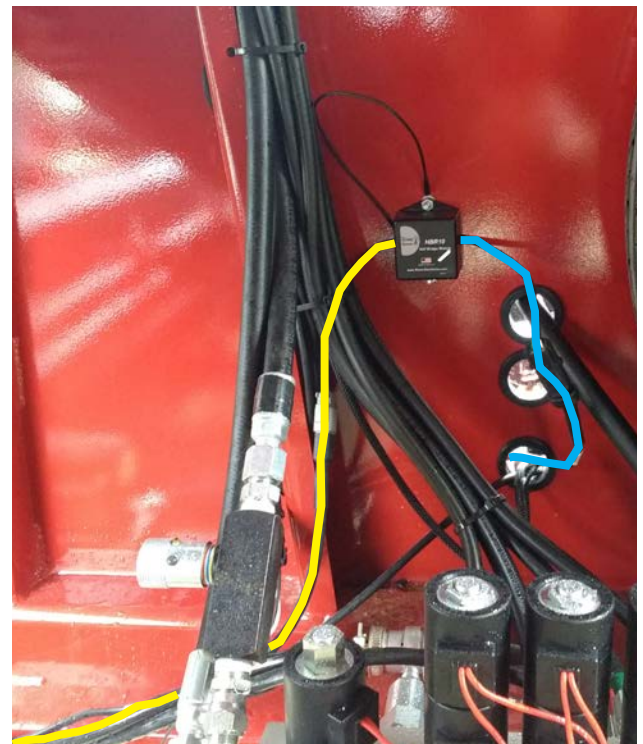


Figure 2

Throttle Motor Installation

4. Remove the air filter cover and air filter from the motor to expose the throttle handle.



Figure 3

5. Loosen the throttle cable lock nut **ONLY** until the throttle handle moves freely and springs back into the idle position.



Figure 4

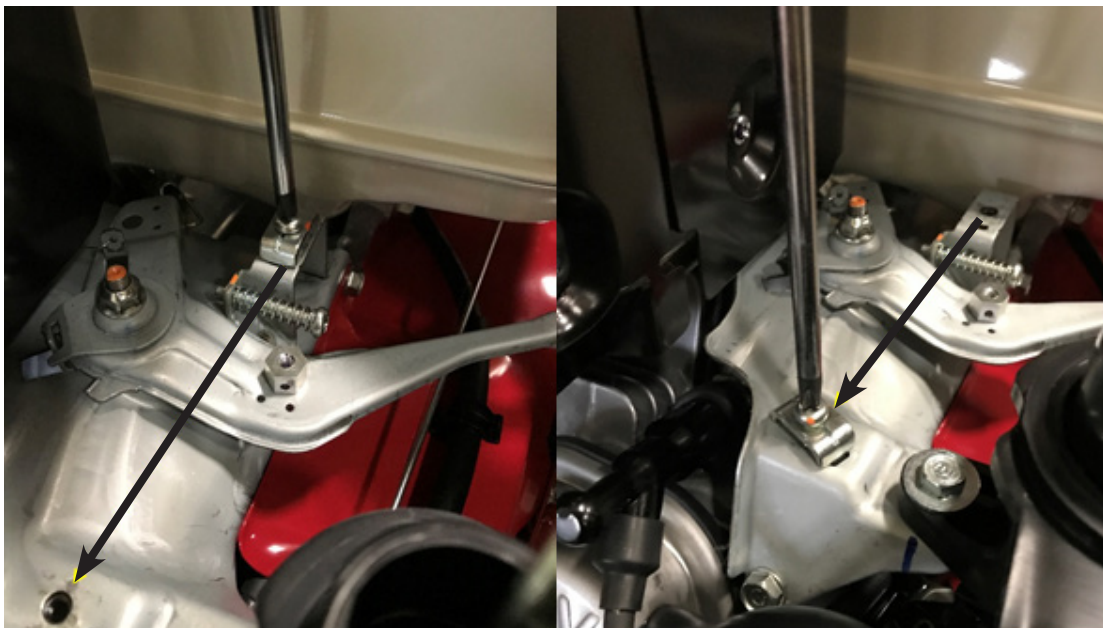
Throttle Motor Installation

6. Insert the throttle cable coupler with the c-clip into the large hole on the throttle handle and attach the c-clip below.



Figure 5

7. Move the throttle cable tie down from its factory position to its new position using a phillips screw driver. Do not tighten the throttle cable tie down in its new position.



Throttle Motor Installation

8. Remove the nut from the heat sink below the engine.



Figure 7

9. Attach the throttle motor with the supplied clamp and re-tighten the heat sink nut.



Figure 8

Throttle Motor Installation

10. Insert the throttle control cable into the cable tie down. Do not tighten the cable tie down.

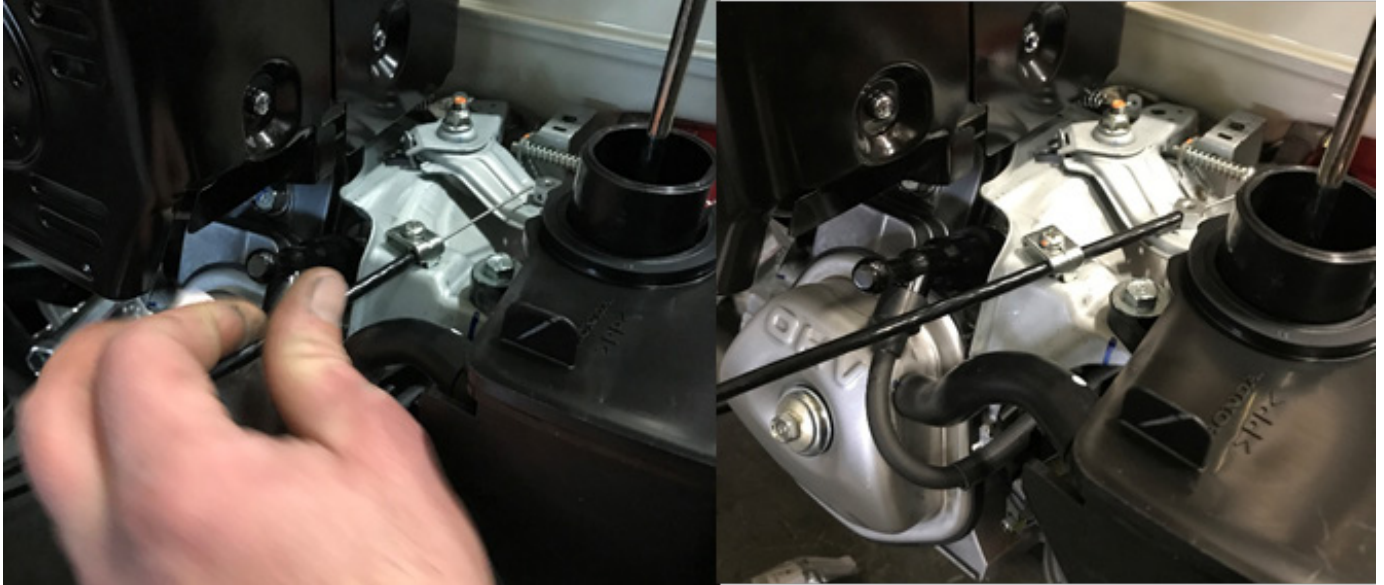


Figure 9

11. Place the supplied spring over the throttle motor cable followed by the cable coupler with the screw. The coupler should be tightened down at the end of the spring without compressing the spring.



Throttle Motor Installation

12. Pull the black throttle motor cable until the spring is compressed and the throttle handle is at full throttle. As noted in step 3, make sure the throttle motor cable is retracted to its shortest position (full throttle) before this step. Tighten the throttle cable clamp on to the throttle motor cable.

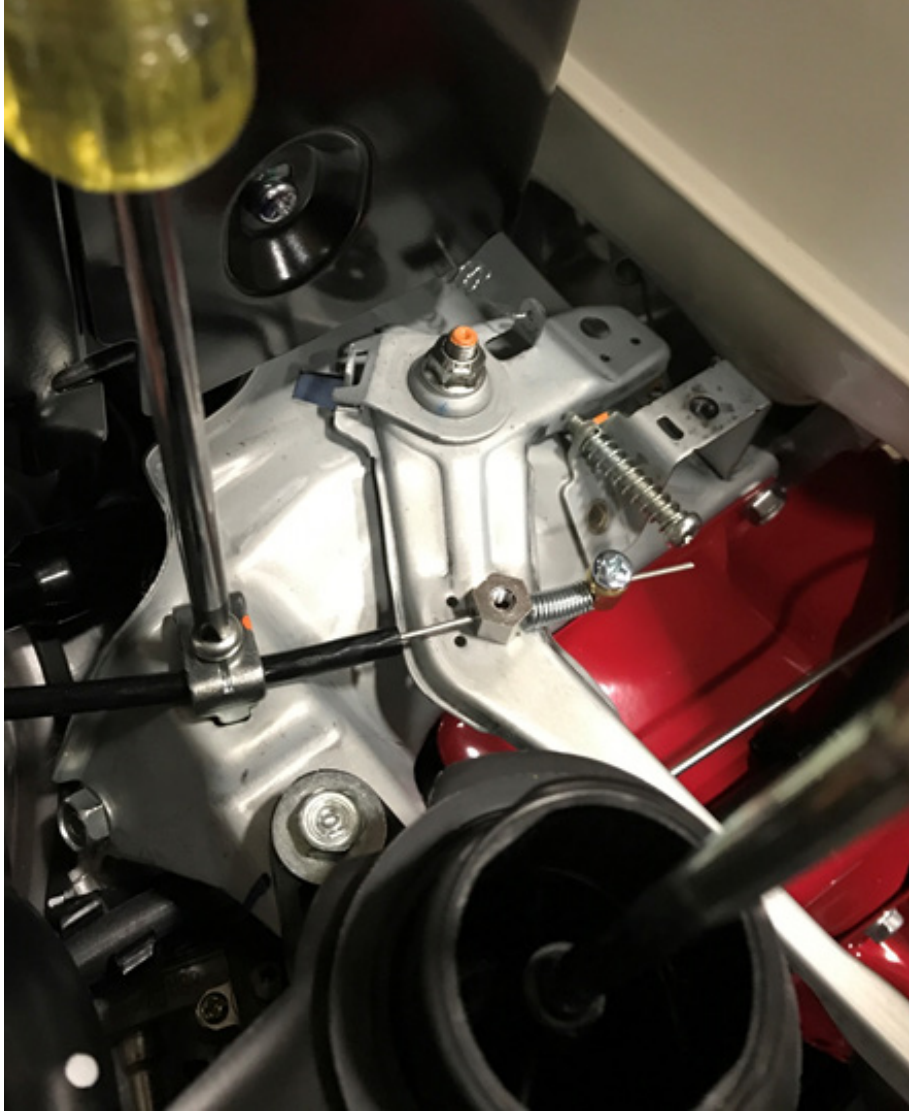
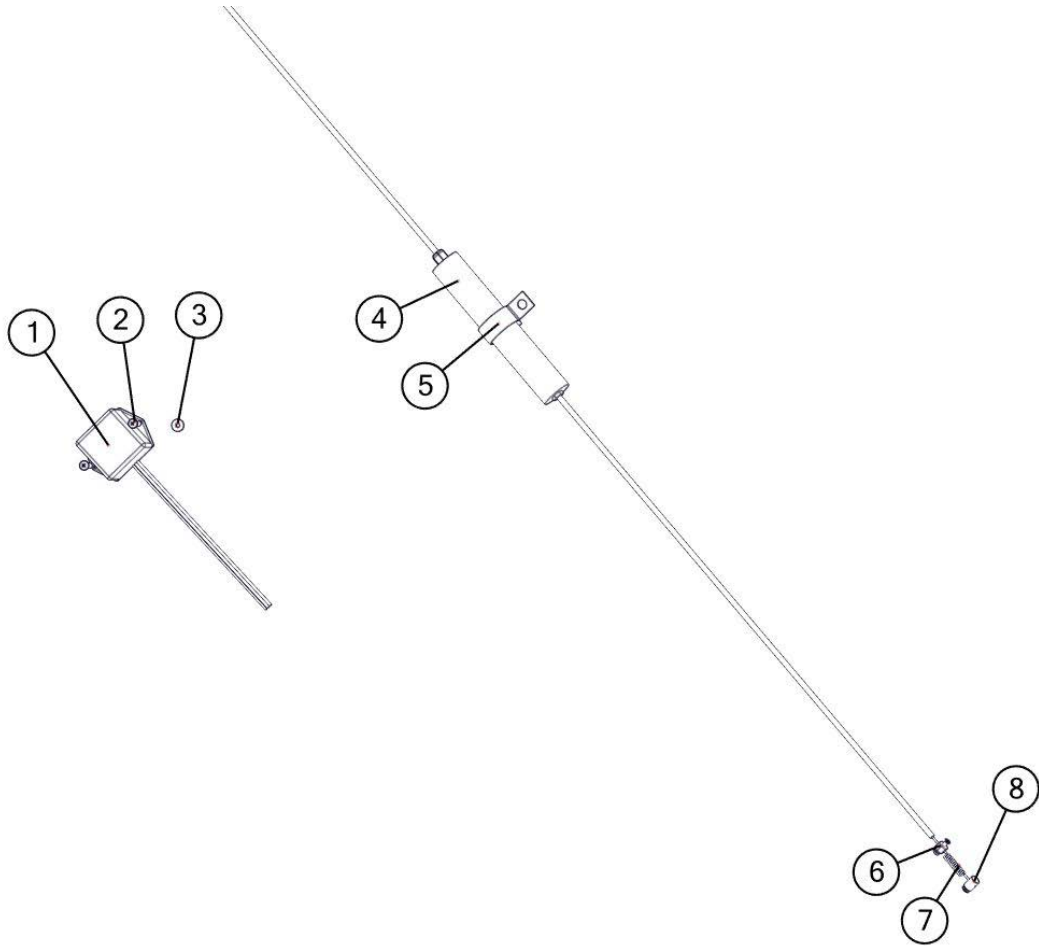


Figure 11

13. Re-install air filter and test for full throttle control range.

Throttle Motor Parts



#	Description	Part. No.
1	Throttler Motor Control	JM0038428
2	#10-24 x 1.0 Z Round Head Phillips Screw	JM0037646
3	#10-24 Z Nylon Locking Hex Nut	JM0016030
4	RMC 3500 Linear Motor	JM0038427
5	Throttle Control Motor Tube Clamp	JM0038430
6	Cable Coupler w/ C-Clip	JM0041943
7	Spring For Throttle Control	JM0045234
8	Throttle Wire Barrel w/ Screw	JM0045232

