

TurfTracker™ TT-901

Assembly Instructions:

Read all directions before starting any assembly. Make sure all parts listed below are included. Scissors are required for assembly. If any parts are missing, please contact Richway Industries at 800-553-2404. Operation will require 1 D cell battery, liquid dish soap, and water.

See Figure 1 for Parts Diagram

- 1- Power Unit, 1 ea.
- 2- Tubing Mounts, 1 ea.
- 3- Tank Mounting Bracket, 1 ea.
- 4- Tank Mounting Hanger, 1 ea.
- 5- Tank 1 ea.
- 6- Tank Cap 1 ea.
- 7- Foam Tubing, 3 foot
- 8- Air Tubing, 6 foot
- 9- Thumb Screws, 2 ea.
- 10- 1" Sections of Velcro, 2 ea.
- 11- Cable Ties, 3 ea.

1. Attaching the Tank Mounting Bracket

Hang the tank mounting bracket on the spreader box, usually near the foam drop location. Secure bracket to spreader box using thumbscrews provided- tighten as required.

2. Attaching the Tank Mounting Hanger

Slide the tank mounting hanger through the tank mounting bracket. Attach the tank and cap assembly by pinching inward and sliding into holes on cap.

3. Attaching the Power Unit

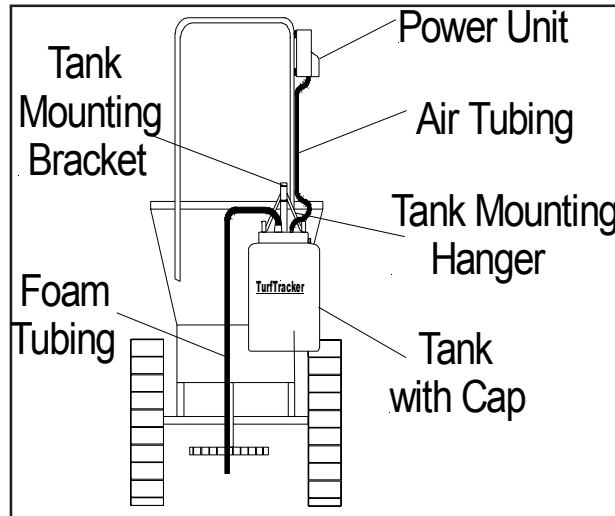
Install one D cell battery in your power unit. Mount the power unit in a convenient location for the operator to reach the switch. Clean this area well, making sure the area is free of dust and dirt. Using the 1" Velcro, attach one piece of Velcro to the handle and the other to the back of the power unit on the raised tabs. Attach the power unit with the air outlet pointing down and battery compartment on top side of a handle. Run cable ties through the tabs on the back of the power unit and tighten to handle.

4. Installation of the Air Tubing

Connect the 6' section of air tubing from the air outlet on the tank cap to the power unit assembly. Once the length required is determined the excess tubing may be trimmed. Cable ties may be used to hold the air tubing in place.

Caution: DO NOT tighten the cable ties too tightly as to restrict air flow.

FIGURE 1: Parts Diagram



7. Foam Tubing Assembly- Broadcast Spreaders

Cut a piece of foam tubing a length that will attach from the Tank Cap Assembly to the ground. See Figure 1. Use the Tubing Mount and Cable Ties as needed to route from the cap to approximately two inches above the ground at the centerline of the spread pattern. You are now ready to use your foam marking machine.

TO USE YOUR NEW TURFTRACKER™ TT-901 FOAM MARKING SYSTEM:

Your TurfTracker™ TT-901 Foam Marking System is designed to operate with normal liquid dishwashing soap and distilled water, but conditions vary and can effect foam output. The operator may need to alter mix rates and products used to get the desired results.

1. Add Distilled Water

Fill tank $\frac{3}{4}$ full with distilled water. The manufacturer recommends using distilled water- use of any other water source may decrease performance of the unit. Overfilling the tank will initially decrease performance.

2. Measure & Add Liquid Dishwashing Soap

Add 3-6 tsp. of liquid dishwashing soap to the water. It is recommended that you first mix 3 tsp. of soap and check the foam output of the unit. Increase soap concentration to get the desired foam output. Performance of the foam marking unit may vary with different kinds of dishwashing soap. If foam output is poor, try a different kind of soap. **This unit is designed for LIQUID dishwashing soap only.**

3. Shake Bottle

Replace the cap assembly onto the tank. Shake the bottle a few times and return assembly to the tank. Reattach the hoses.

4. Run for 30 Seconds

Turn on the power unit and let run for 30 seconds until foam output is consistent. Begin fertilizing with your new foam marking system. Remember that the marker is marking the center of your lawn treatment, not your wheel tracks.

Instructions Continued on Back Panel

WHAT TO EXPECT WITH YOUR TURFTRACKER:

After about 30 seconds, your foam output should become more consistent, with a drop of foam coming out of the drop hose every 1-2 seconds. Foam output will become sporadic after approximately 20-30 minutes of continuous running. Once the foam solution level drops below 2" in the tank, stop and refill the container. Performance of the foam marking system will greatly decrease once the liquid level drops below 2" in the tank. Normally, the foam will stay on the ground from 10-30 minutes, depending on weather conditions. The foam shouldn't harm your lawn or plants, but it is advisable to first test the foam in an inconspicuous space to determine if your plants are susceptible to any adverse effects from the foam.

CAUTION:

DO NOT GET FOAM IN YOUR EYES. See instructions produced by the brand of dish detergent used.

MAINTENANCE AFTER EACH USE:

Fill the tank with hot water and run for approximately one minute. Thoroughly rinse the tank out with hot water. Remove battery. Make certain all components, especially the tubing, are dry before storing in freezing temperatures.

TROUBLE-SHOOTING:

Inadequate Foam Output-

- ** Check Battery- Replace if necessary
- ** Check Airline Connections- Make certain air is not leaking at the pump fitting and external and internal cap assembly fittings
- ** Check Cap Assembly- Cap should be fitting tightly on bottle
- ** Check Airline Tubing- Be sure that airline tubing is not plugged from the pump to the bottom of the foam generation tube
- ** Check Foam Tubing- Make certain foam tubing is free of any obstructions
- ** Use distilled water
- ** Try another brand of liquid dishwashing soap
- ** Increase the amount of liquid dishwashing soap used in each batch

Runny Foam-

- ** Use less liquid dishwashing soap in each batch
- ** Only fill tank 3/4 full

Foam Going Into Air Pump or Airline from Pump or Above Tank-

- ** Replace check valve

Takes Too Long to Produce Good Foam-

- ** Use less liquid dishwashing soap
- ** Only fill tank 3/4 full



TurfTracker TT-901 Foam Marking System

- Fits Most Spreaders
- Easy Mounting
- Versatile Mounting Options
- Easy-Fill 60 Oz. Container
- 30 Minute Run Time
- Uses Ordinary Liquid Dishwashing Soap
- Durable, Rust Proof Parts
- Made in U.S.A.
- Battery Not Included

Thank you for purchasing a Richway **TurfTracker™** foam marking system. Please read and follow all directions carefully to ensure proper mounting and use of the system and longevity of the product. With its rustproof parts, the **TurfTracker™** is designed to give you great results for many years to come.

Questions, Comments, Information

Visit the TurfTracker™ website:
www.turftracker.com

**** TurfTracker is a trademark of Richway Industries, Ltd.**

**** Patent Pending**

**Assembly and Use Instructions Inside
Save for Future Reference**