

**Turf Walker Model WBSC10**

**Speedometer Kit**

*by SDI*

**Set Up Instructions and**

**Operator's Manual**



**Spraying Devices, Inc.**

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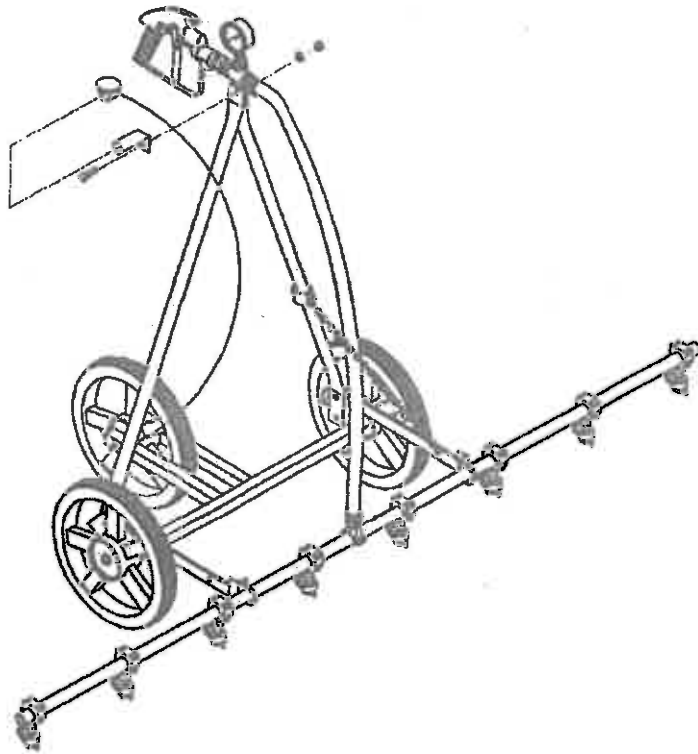
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# Turf Walker

**81-073 Speedometer Kit for  
WB6.5/10 and WB10/3/10**



**The following functions are available on your Speedometer:**

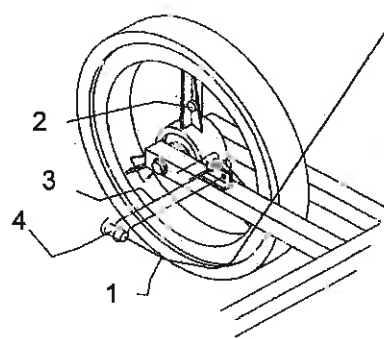
SPD	Current Speed
DST	Trip Distance
ODO	Odometer (Total Distance)
MXS	Maximum Speed
AVS	Average Speed
TM	Trip Timer
12/24	Hour Digital Clock

**This computer also features:**

Heavy-duty abrasion resistant pick-up wire  
Water resistant housing  
Dual Display LCD

## Computer

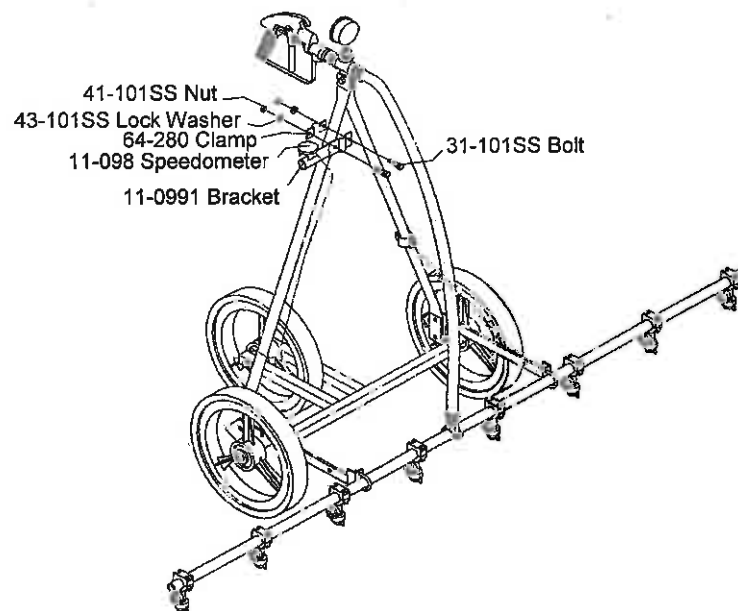




Items 1, 2 and 4 are included in the  
11-098 Speedometer Cable

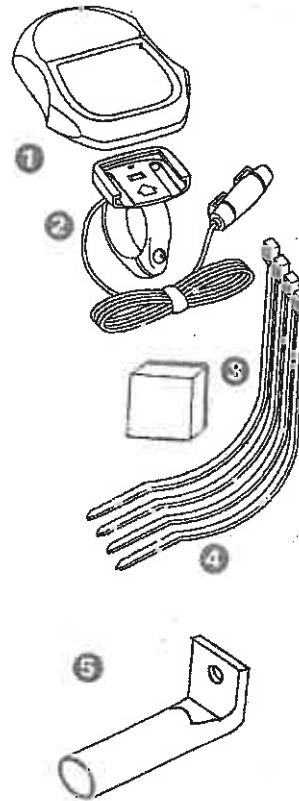
Item 3—1/8" Nylon Ties

Rear Wheel



**Included in your Speedometer Package:**

1. Speedometer Display with Battery (1)
2. Mounting Bracket (1)
3. Magnet with double sided adhesive (may already be attached to wheel) (1)
4. Cable Tie Wraps (4)
5. Mounting Bracket Mount A-Frame (1)



**Installing the Battery:**

Remove the battery cover from the bottom of the computer using a small coin. Install the battery with the + sign facing up. Replace the cover and tighten. **Note:** removing the battery will erase all stored info. Be sure to write down the Wheel Value number so you can use later to re-enter in the computer.

**Mounting the Speedometer:** The Speedometer display can mount on the right or the left side of the Turf Walker Spray Boom. Use the cable tie wraps provided to position the sensor. Place speed sensor and bracket on square tubing across from magnet. Mark holes with 1/8" bit. Pop rivet bracket to tubing as shown on Page 4. Bracket is installed at factory on Models WBSC6 and WBSC10.

The magnet may already be attached to the wheel. If not, attach the magnet to the rear wheel across from the sensor with the magnet adhesive. The clearance between the magnet and the sensor should be approximately 1/32" to 1/16" (1-2mm). Bend bracket to adjust gap. Make sure the magnet clears the wheel support frame.

Attach the mount to the A-Frame using Bracket (#5) provided.

Tighten so the bracket cannot rotate on the bolt. Attach mount #2 to Mount #5 using the screw provided. Tighten Mount #2 at an angle towards you. Slide the computer forward onto the mounting until it "snaps" into place with an audible click.

To remove the computer push backwards until it releases from the mount. To test for proper installation of the magnet, sensor and computer, activate the computer by picking up the rear of the Turf Walker Spray Boom and spinning the wheel. The speed tendency icon will indicate movement.

If the light does not flash, check the sensor and magnet alignment. Realign as necessary until the speed tendency icon indicates movement while spinning the wheel.

**Programming:** Remove the computer from the bracket for easier programming.

1. **Set Wheel Value:** You will need to program the computer for a wheel value of "1595". First, press and hold the LEFT and RIGHT button for two seconds. The preset value "2124" should appear with the digit "4" flashing. Press the RIGHT button to modify the digit to the correct setting. Once the correct digit is shown, press the LEFT button to move to the next digit. Repeat until all four digits are set to the correct setting "1595".
2. **Miles or Kilometers Selection:** Your Speedometer will record speed and distance in either miles (m/h) or kilometers (KM/h). After setting the wheel value, the KM/M selection will appear. Press the RIGHT button to choose kilometers

or miles. Press the LEFT button to confirm and proceed to the Clock function.

3. **Set the Clock:** The clock function will appear at the bottom of the screen. Press and hold the LEFT button for 3 seconds to get a flashing "24H" symbol. Press the RIGHT button to select between a 12 and 24 hour format. Press the LEFT button to confirm. Next the hour digits will start to flash. Use the RIGHT button to select the hour and press the LEFT button to confirm. Repeat for the minutes digits. Press the LEFT button once more to set the clock.
4. **Test:** Now that you have programmed the computer, re-insert it back into the bracket. Spin the rear wheel. The speed tendency icon in the upper left corner of the screen should be turning also.

#### **Additional Computer Function Modes:**

**Speedometer:** Speed is always indicated on the top line of the screen.

**Speedometer Comparator:** A + or— sign appears to the right of the speed. A + indicates you are traveling faster than your average speed (AVS). A - indicates you are traveling slower than your average speed.

**Speed Tendency:** A cyclist symbol appears to the left of the speed. The wheel turns forward to indicate acceleration. The wheel turns backward to indicate deceleration.

**Auto Start/Stop:** To preserve batteries, the cycle computer will automatically

switch off if the unit is left unused for over 5 minutes. The display will return with a press to either button or input from the wheel sensor.

**Odometer (ODO):** The total distance traveled is indicated by ODO and displayed on the bottom line. To reset ODO, press both RIGHT and LEFT buttons for 3 seconds or remove and replace the battery. Now press the RIGHT button to advance to the DST mode.

**Trip Meter (DST):** The trip distance is indicated by DST and is displayed on the bottom line. The trip meter is activated automatically with speedometer input (comes on automatically when you begin movement, turns off when you stop). To reset DST to zero, press and hold the RIGHT and LEFT buttons for 3 seconds. Note that TM (trip time) and AVS (average speed) will also be reset at that time. Now press the RIGHT button to advance to the MSX mode.

**Maximum Speed (MXS):** The maximum speed is indicated by MXS and is displayed on the bottom line. Maximum speed is stored in memory and updates only when a higher speed is reached. To reset MXS, press and hold the LEFT button for 3 seconds. Now press the RIGHT button to advance to the Average Speed (AVS) mode.

**Average Speed (AVS):** Average speed is indicated by AVS and is displayed on the bottom line. AVS works in conjunction with the Trip Timer, TM, to calculate the average speed for a specific trip. Now press the RIGHT button to advance to the Trip Timer, TM, mode.

**Trim Timer, TM:** Trip timer is indicated by TM and is displayed on the bottom line. The Trip Timer is activated auto-

matically with computer input (comes on automatically with movement, turns off when you stop). It records only the time actually moving. To reset TM to zero, return to DST (Trip Meter) mode and reset to zero per the previous instructions. Return to TM mode and press RIGHT button to advance to Scan Function.

**Scan:** The Scan mode conveniently rotates DST, MXS, AVS and TM readings on the screen without the need to press any buttons. Now press the RIGHT button to return to the Clock mode.

**Troubleshooting: Display is Blank:** Change the battery or press the "AC" button on the bottom of the case.

**Display shows partial digits:** Press the "AC" button on the bottom of the case.

**Speed/Distance not recording:** Check sensor/magnet alignment. Make sure the sensor is no more than 1/16" (2mm) from the magnet.

**Entire screen is dark:** Did you leave the equipment parked in the hot, direct sun. If so, move the equipment to the shade. The data will be OK.

### **IMPORTANT!**

Pay attention to your spraying conditions at all times. Your first obligation is to be attentive and to spray safely.

### **Warranty Information:**

SDI Speedometers are guaranteed to be free from defects in materials and/or workmanship, excluding the battery, for a period of 90 days from date of purchase. SDI will, at its' option, repair or replace your defective computer.

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