



# Low Flow Kit

## Multi-Pro 5800 Turf Sprayer

Model No. 130-7258

### Installation Instructions

**Note:** Determine the left and right sides of the machine from the normal operating position.

**Important:** The machine must be equipped with the Pro Control™ XP Spray System (Toro Model 41604).

#### ⚠ WARNING

##### CALIFORNIA Proposition 65 Warning

This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects, or reproductive harm.

#### ⚠ WARNING

Chemical substances used in the spray system may be hazardous and toxic to you, bystanders, animals, plants, soils or other property.

- Carefully read and follow the chemical warning labels and Material Safety Data Sheets (MSDS) for all chemicals used and protect yourself according to the chemical manufacturer's recommendations. For example, use appropriate Personal Protective Equipment (PPE) including face and eye protection, gloves, or other equipment to guard against personal contact with the chemical.
- Keep in mind that there may be more than 1 chemical used and that information on each should be assessed.
- *Refuse to operate or work on the sprayer if this information is not available.*
- Before working on a spray system make sure that the system has been triple rinsed and neutralized according to the recommendations of the chemical manufacturer(s) and all of the valves have been cycled 3 times.
- Verify that there is an adequate supply of clean water and soap nearby, and immediately wash off any chemicals that contact you.

## Installation

### Installing the kit

1. Position the sprayer on a level surface, set the parking brake, stop the pump, stop the engine, and remove the key from the starter switch.
2. Loosen, but do not remove, the bolts that secure the section valve assembly to the mounting bracket (Figure 1).

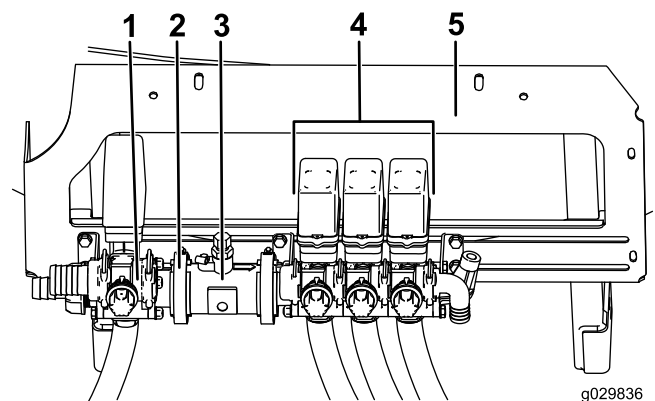


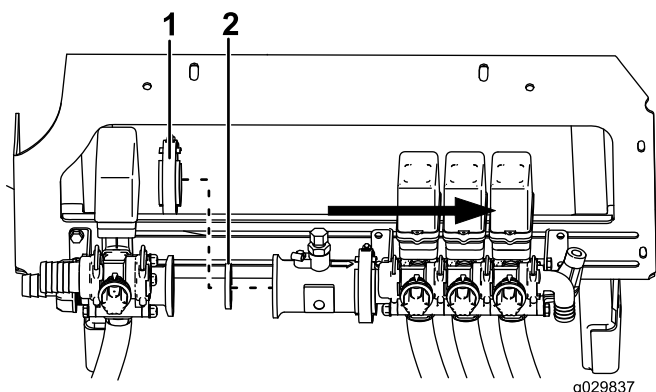
Figure 1

- |                    |                           |
|--------------------|---------------------------|
| 1. Agitation valve | 4. Section valve assembly |
| 2. Worm clamp      | 5. Mounting bracket       |
| 3. Flowmeter       |                           |



3. Loosen the existing worm clamp that secures the agitation valve to the flowmeter (Figure 1).
4. Remove the worm clamp and gasket, and carefully slide the flowmeter and section valve assembly away from the agitation valve (Figure 2).

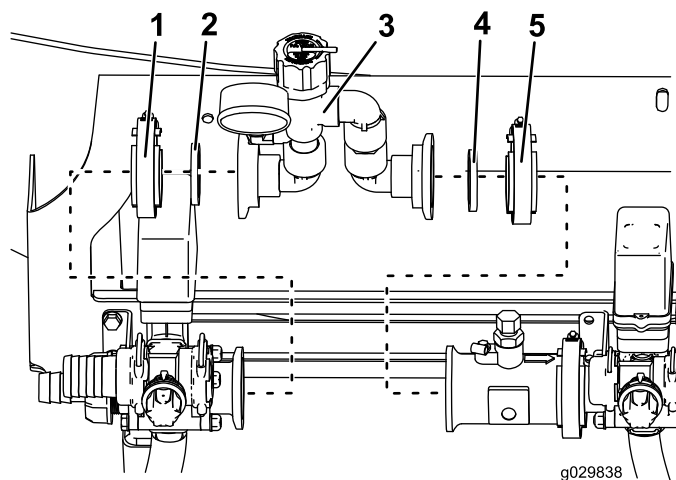
**Note:** Retain both the clamp and gasket.



**Figure 2**

1. Worm clamp
2. Gasket

5. Install the existing gasket into the fitting of the pressure-relief assembly that mates with the agitation valve (Figure 3)

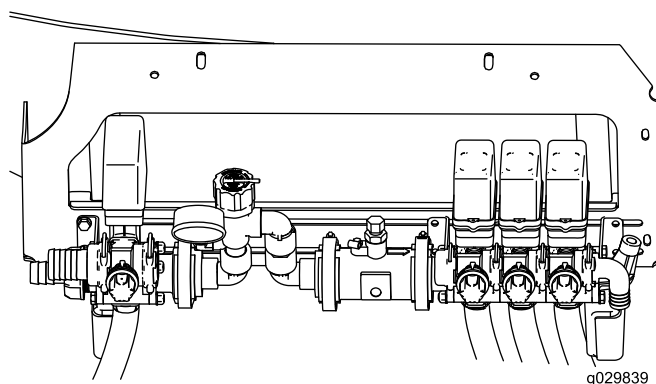


**Figure 3**

1. Existing worm clamp
2. Existing gasket
3. Pressure-relief assembly
4. New gasket
5. New worm clamp

6. Install the existing worm clamp over the pressure-relief assembly (Figure 3).
7. Move the pressure-relief assembly so that it is flush with the agitation-valve body.
8. Secure the pressure-relief assembly to the agitation-valve body by tightening the clamp.
9. Install the new gasket into the open fitting of the pressure-relief assembly (Figure 3).

10. Install the new worm clamp over the open fitting of the pressure-relief assembly (Figure 3).
11. Carefully move the flowmeter and section valve assembly so that the flowmeter is flush with the pressure-relief assembly (Figure 4).



**Figure 4**

12. Secure the pressure-relief assembly to the flowmeter by tightening the clamp.
13. Tighten the bolts that secure the section valve assembly to the mounting bracket.
14. Inspect all work to ensure that all hose clamps are tightened.

## Operation

### Adjusting the Pressure-Relief Assembly Valve

**Important:** If you are spraying at a high application rate, the flow restrictions of pressure-relief assembly may prevent you from achieving the correct application rate for the nozzles you are using.

**Note:** Adjust the pressure-relief assembly valve after installation and whenever you change nozzle types or application rates.

1. Drive the machine to a test spray area.
2. Lower the left and right boom sections to the spray position.
3. Set all 3 section switches and the master boom switch to the ON position.
4. Spray at the desired application rate.
5. Turn off both outer boom sections.
6. Adjust the pressure-relief assembly valve until the pressure gauge of the assembly shows a 34.5 kPa (5 psi) difference from the pressure gauge in the dashboard of the machine.
7. Turn the boom sections on and off to confirm the responsiveness of the Pro Control™ XP spray system.