



# Electric Hose Reel Kit

## For Multi-Pro 5600/5700 Turf Sprayer

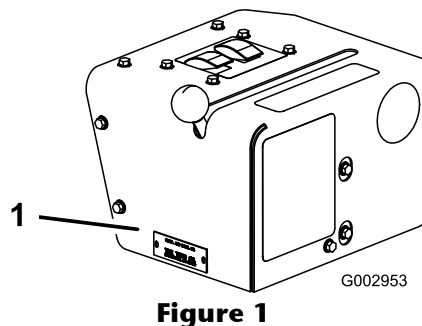
Model No. 41569—Serial No. 260000001 and Up

### Installation Instructions

Read this manual carefully to learn how to operate and maintain your product properly. The information in this manual can help you and others avoid injury and product damage. Although Toro designs and produces safe products, you are responsible for operating the product properly and safely.

You may contact Toro directly at [www.Toro.com](http://www.Toro.com) for product and accessory information, help finding a dealer, or to register your product.

Whenever you need service, genuine Toro parts, or additional information, contact an Authorized Service Dealer or Toro Customer Service and have the model and serial numbers of your product ready. Figure 1 illustrates the location of the model and serial numbers on the product.



**Figure 1**

1. Model and serial number plate

<b>Model No.</b> _____
<b>Serial No.</b> _____

## Safety

This manual identifies potential hazards and has safety messages identified by the safety alert symbol (Figure 2), which signals a hazard that may cause serious injury or death if you do not follow the recommended precautions.



**Figure 2**

1. Safety alert symbol

This manual uses 2 other words to highlight information. **Important** calls attention to special mechanical information and **Note** emphasizes general information worthy of special attention.

Read also the safety and operation instructions in the vehicle *Operator's Manual*.

- Do not aim the hand sprayer at any person or animal. Fluids under high pressure can penetrate skin and cause severe injury, possibly resulting in amputation or death. Hot liquids and chemicals can also cause burns or injury. If any part of the body comes in contact with the spray stream, immediately consult a physician familiar with injected fluid injuries.
- Do not place your hand or any other part of you body in front of the spray nozzle.
- Do not leave the equipment under pressure when you are not present.
- Do not use the hand sprayer if the hose, trigger lock, nozzle, or any other part is damaged or missing.
- Do not use the hand sprayer if there are any leaks in any hoses, fittings, or other components.
- Do not spray near power lines.
- Do not drive while spraying with a hand sprayer.
- Wear rubber gloves, safety goggles, and a full body protective suit when spraying chemicals with the hand sprayer.

# Safety and Instructional Decals

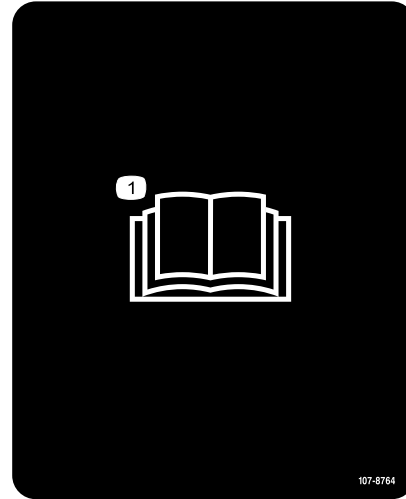


Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or lost.



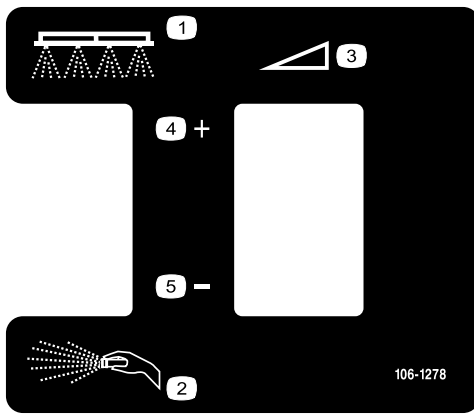
**106-1277**

- 1. Boom spray
- 2. Hand spray



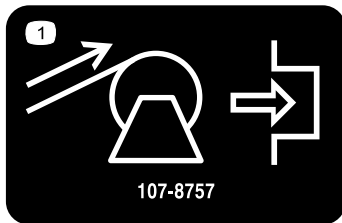
**107-8764**

- 1. Read the *Operator's Manual* for more information.



**106-1278**

- 1. Boom spray
- 2. Hand spray
- 3. Continuous variable setting
- 4. Increase
- 5. Decrease



**107-8757**

- 1. Hose reel rewind; push to engage.

# Installation

## Loose Parts

Use the chart below to verify that all parts have been shipped.

Step	Description	Qty.	Use
<b>1</b>	No parts required	–	Prepare the machine.
<b>2</b>	Hose reel support Flange-head bolt (3/8 x 1 inch) Flange nut (3/8 inch) Hose reel strap Hose reel assembly Flange-head bolt (5/16 x 1 inch) Flange nut (5/16 inch) Cable tie	1 10 10 2 1 1 1 10	Assemble the frame.
<b>3</b>	Control box support Flange-head bolt (1/2 x 1/2 inch) Flange nut (1/2 inch)	1 1 1	Install the flow control support.
<b>4</b>	Control valve assembly S53 tee fitting Hose clamp, large (1 inch) Hose clamp, medium Hose clamp, small (1/2 inch)	1 1 4 1 4	Tap into the machine hoses.
<b>5</b>	Control box mounting bracket Flange-head bolt (5/16 x 3/4 inch) Flange nut (5/16 inch) Ball valve assembly Flange head bolt (1/4 x 3/4 inch) Flange nut (1/4 inch) Rubber trim piece Short hose (1/2 inch dia) Bronze barbed fitting (3/4 inch) Hose assembly	1 2 2 1 4 2 1 2 1 1	Installing the control valves.
<b>6</b>	Pressure gauge Reducer fitting and nut Plastic fitting (small) Control box cover Silver fitting (small) Red tubing Toggle switch Momentary switch Rear control box wire harness Fuse (10 amp) Switch wire cover Flange head bolt (1/4 x 3/4 inch) Flange nut (1/4 inch) Knob	1 1 1 1 1 1 1 1 1 1 1 9 4 4	Install the control switches and pressure gauge.

Step	Description	Qty.	Use
<b>7</b>	Long hose with fitting	1	Connect the spray hose.
	Spray gun	1	
	Hose clamp, small	1	

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

**Note:** Thread sealing tape is used in the installation of this kit.

## Step **1**

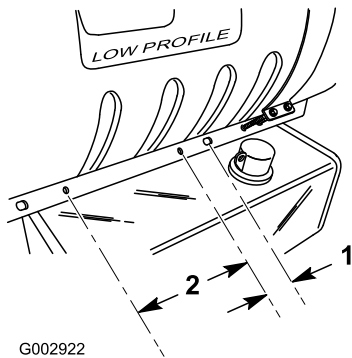
### Preparing the Machine

#### No Parts Required

#### Procedure

1. Ensure that the machine is empty of all fluids. If chemicals have been used in the machine, flush the system thoroughly with clean water then drain the water; refer to your vehicle *Operator's Manual* for instructions.
2. Disconnect the negative battery terminal from the battery.
3. On the tank saddle on the right side of the machine, locate the third hole from the front of the machine. Measure and mark a location on the tank saddle 2 inches (5 cm) behind the center of the 3rd hole (Figure 3).

**Note:** If a hole already exists at this location, skip to the Assembling the Frame section.



**Figure 3**

1. 2 inches

2. 10 inches

4. From your mark, measure 10 inches (25 cm) rearward and mark that location (Figure 3).
5. Drill 2 holes (7/16 inch dia) at the marked locations, centered vertically in the tank saddle (Figure 3).

## Step **2**

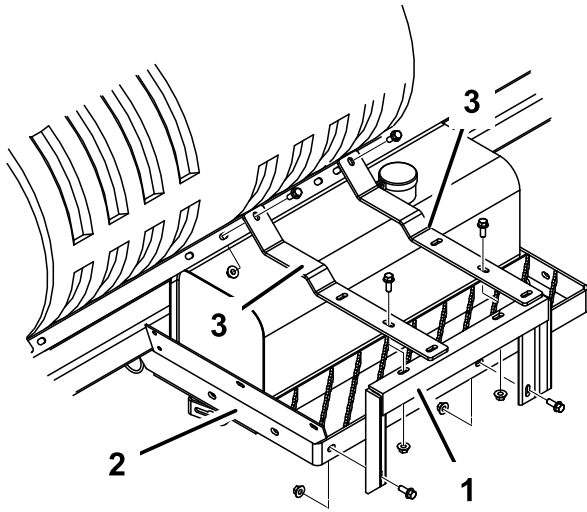
### Assembling the Frame

#### Parts needed for this step:

1	Hose reel support
10	Flange-head bolt (3/8 x 1 inch)
10	Flange nut (3/8 inch)
2	Hose reel strap
1	Hose reel assembly
1	Flange-head bolt (5/16 x 1 inch)
1	Flange nut (5/16 inch)
10	Cable tie

#### Procedure

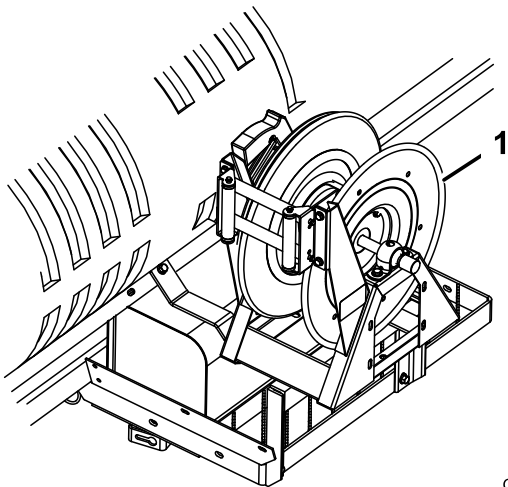
1. Install the hose reel support to the hydraulic reservoir mount (Figure 4) using 2 flange-head bolts (3/8 x 1 inch) and 2 flange nuts (3/8 inch). Do not fully tighten the nuts to allow for adjustment later.



**Figure 4**

1. Hose reel support
2. Hydraulic reservoir mount
3. Hose reel straps

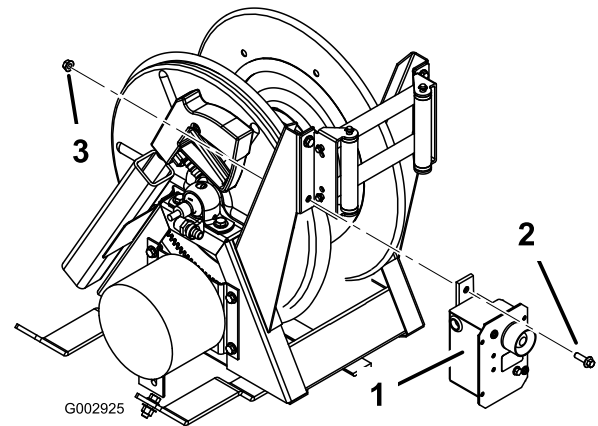
2. Install the ends of the 2 hose reel straps to holes in the tank saddle that you located and/or drilled earlier (Figure 4) using 2 flange-head bolts (3/8 x 1 inch) and 2 flange nuts (3/8 inch).
3. Attach the hose reel support to the hose reel straps (Figure 4) using 2 flange-head bolts (3/8 x 1 inch) and 2 flange nuts (3/8 inch).
4. Level the straps and hose reel support and then tighten all fasteners.
5. Install the hose reel assembly onto the hose reel straps (Figure 5) using 4 flange-head bolts (3/8 x 1 inch) and 4 flange nuts (3/8 inch).



**Figure 5**

1. Hose reel assembly

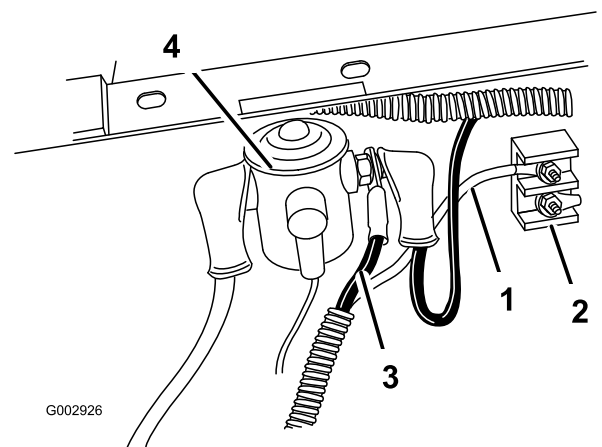
6. Remove and discard the bolt and nut from the lower inside roller support on the hose reel and install the electrical box in that hole (Figure 6), using a flange-head bolt (5/16 x 1 inch) and a flange nut (5/16 inch).



**Figure 6**

1. Electrical box
2. Flange-head bolt (5/16 x 1 inch)
3. Flange nut (5/16 inch)

7. Route the hose reel wire harness from the electrical box between the machine frame and the saddle supports to join up with the main harness.
8. Follow the main harness routing into the seat base area, over the radiator and reservoir bottle to the accessory solenoid.
9. Route the harness along the main wiring harness to the fuse block/solenoid area and secure it using 10 cable ties.
10. Connect the power wire to the solenoid under the driver's seat (Figure 7).



**Figure 7**

1. Black wire
2. Ground terminal block
3. Red wire
4. Auxiliary solenoid

**Note:** The load side can be determined by testing both solenoid posts when the ignition is turned off. The hot side will read approximately 12V, while the load side has no voltage. The load side can be confirmed by turning the ignition to the run or On position and testing the load side again. The load side will read approximately 12V with the ignition on. Turn the ignition to Off and remove the key before continuing with any of the installation or maintenance.

11. Connect the end of the black ground wire to a ground stud on the ground terminal block (Figure 7).

**Step**

**3**

## Installing the Flow Control Support

### Parts needed for this step:

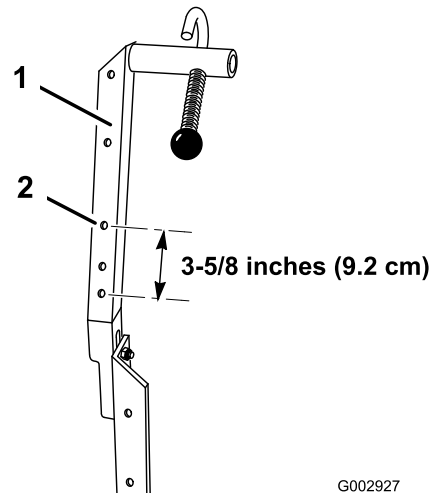
1	Control box support
1	Flange-head bolt (1/2 x 1/2 inch)
1	Flange nut (1/2 inch)

### Procedure

Prepare/install the mounting post as follows:

- For machines with a serial number of 259999999 and below with a standard boom, drill one hole (11/32 inch dia) in the right-side boom holder, 3-5/8 inches (9.2 cm) above the center of the lowest hole (Figure 8).

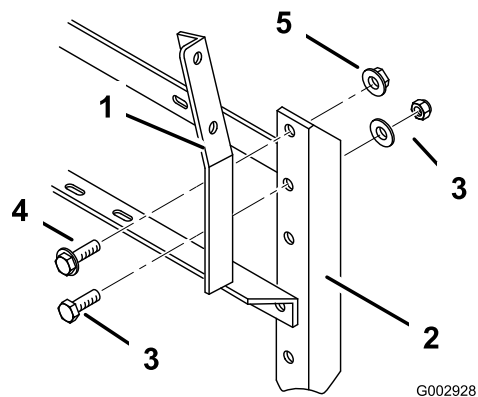
**Note:** Check the position of the right boom holder. It should be installed as far down in the mounting slots as possible. If it is not, loosen the mounting fasteners, slide it down, and tighten the fasteners.



**Figure 8**

1. Right boom holder
2. Drill this hole, 11/32 inch dia

- For machines with a serial number of 260000001 and up; or for any machine with covered booms or without any booms, install the control box support bracket to the right rear boom frame (Figure 9) using existing hardware and a flange-head bolt (1/2 x 1/2 inch) and a flange nut (1/2 inch).



**Figure 9**

1. Control box support bracket
2. Right rear boom frame
3. Existing hardware
4. Flange-head bolt (1/2 x 1/2 inch)
5. Flange nut (1/2 inch)

## Step

# 4

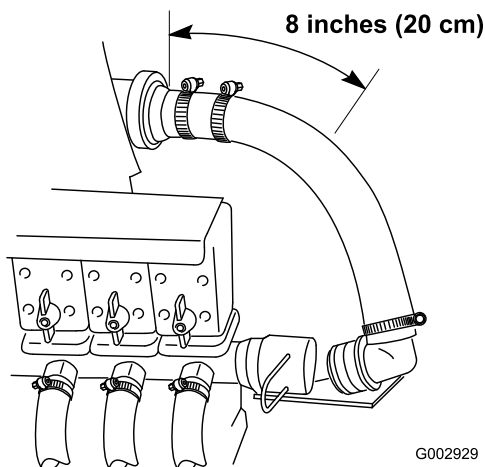
## Tapping into the Machine Hoses

### Parts needed for this step:

1	Control valve assembly
1	S53 tee fitting
4	Hose clamp, large (1 inch)
1	Hose clamp, medium
4	Hose clamp, small (1/2 inch)

### Procedure

1. Remove the retainer securing the end of the boom supply hose connected to the tee located to the right of the boom supply valves and disconnect it (Figure 10).



**Figure 10**

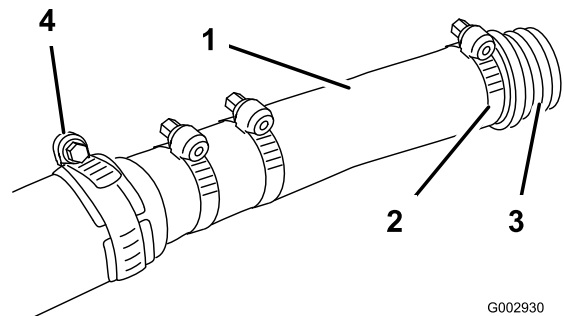
1. Boom supply valves
2. Boom supply hose
3. Disconnect here
4. Flow meter

2. Cut the boom supply hose 8 inches (20 cm) to the right of the flow meter (if equipped) or 45 inches (114 cm) from the supply tee (located directly behind the boom valves) using a hacksaw (Figure 10). Remove the hose clamp from the loose end and discard the hose and fitting.
3. Remove the barbed fitting and retainer from the control valve assembly (Figure 16).
4. Apply a liberal amount of liquid soap to the barb of the fitting and to the inside of the hose

coming from the flow meter or supply tee as applicable.

5. Slide a large hose clamp (removed from the hose in step 2) over the hose and install the fitting all the way into the hose, securing it with the hose clamp (Figure 11).

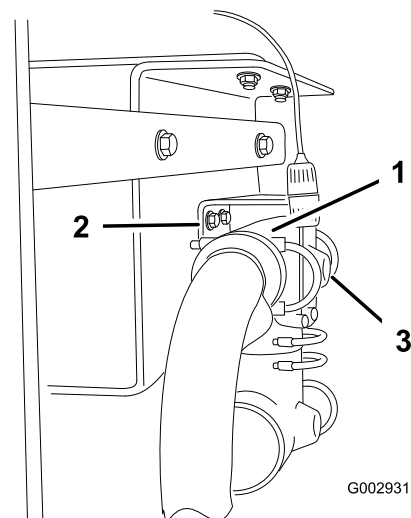
**Important:** The fitting may be very difficult to push into the hose. It is very important, however, that you get it all the way into the hose, ensuring that it will not leak. You may need to remove the hose from the machine at the flow meter.



**Figure 11**

1. Hose
2. Ratcheting hose clamp
3. Fitting
4. Flow divider

6. Remove the fasteners securing the tee behind the boom supply valve so that the tee will drop down, hanging on the hoses (Figure 12).

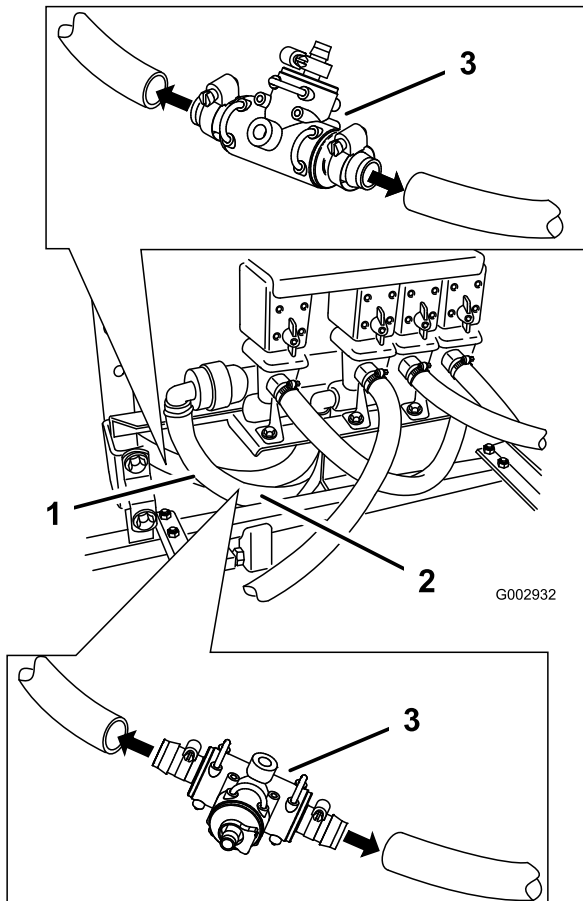


**Figure 12**

1. Tee behind boom supply valves
2. Fasteners
3. Port (drill hole here)

7. Carefully drill a hole (1/4 inch dia) in the face of the port on the back of the tee (Figure 12).

8. Replace the tee on the back of the boom supply valves, securing it with the fasteners you removed previously.
9. Cut the by-pass hose half way between the boom valves and the tank (Figure 13).



**Figure 13**

1. By-pass hose
2. Agitation hose
3. S53 tee fitting

10. Using liquid soap on the barbs, insert an S53 tee fitting assembly into the break and secure it using 2 large, hose clamps (Figure 13).
11. Cut the agitation supply hose in half (Figure 13).
12. Using liquid soap on the barbs, insert an S53 tee fitting assembly into the break and secure it using 2 large, hose clamps (Figure 13).

## Step

# 5

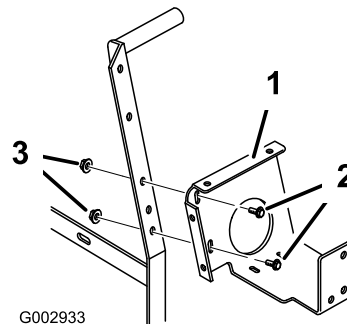
## Installing the Control Valves

### Parts needed for this step:

1	Control box mounting bracket
2	Flange-head bolt (5/16 x 3/4 inch)
2	Flange nut (5/16 inch)
1	Ball valve assembly
4	Flange head bolt (1/4 x 3/4 inch)
2	Flange nut (1/4 inch)
1	Rubber trim piece
2	Short hose (1/2 inch dia)
1	Bronze barbed fitting (3/4 inch)
1	Hose assembly

### Procedure

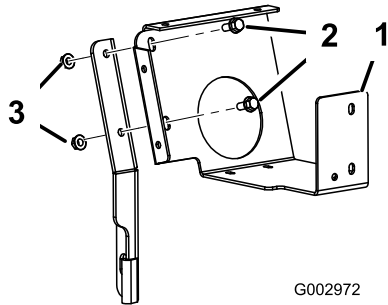
1. Install the control box mounting bracket to the boom holder or control box support bracket as appropriate (Figure 14 or Figure 15) using 2 flange-head bolts (5/16 x 3/4 inch) and 2 flange nuts (5/16 inch).
  - For machines with a serial number of 259999999 and below with a standard boom:



**Figure 14**

1. Control box mounting bracket
2. Flange-head bolt (5/16 x 3/4 inch)
3. Flange nut (5/16 inch)

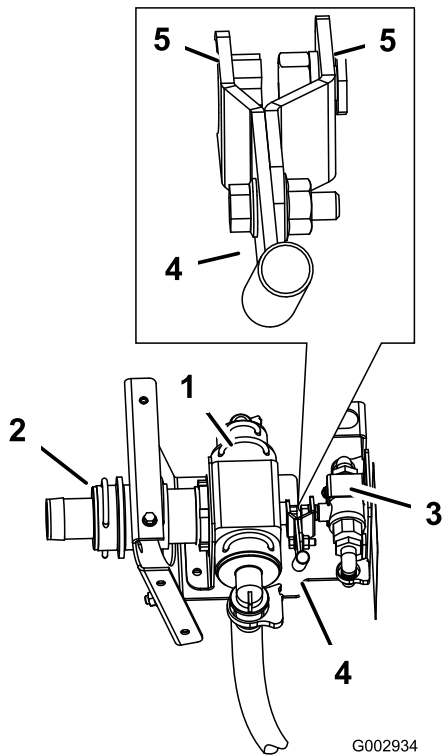
- For machines with a serial number of 260000001 and up; or for any machine with covered booms or without any booms:



**Figure 15**

- |                                       |                           |
|---------------------------------------|---------------------------|
| 1. Control box mounting bracket       | 3. Flange nut (5/16 inch) |
| 2. Flange-head bolt (5/16 x 3/4 inch) |                           |

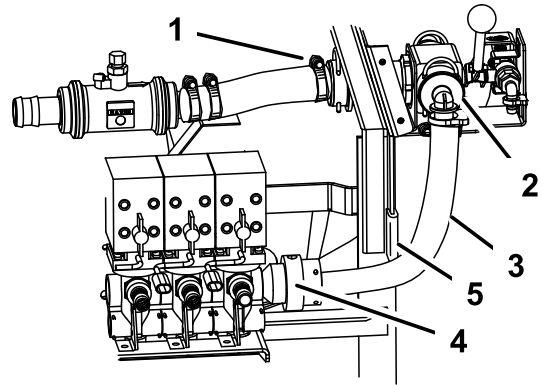
2. Connect the end of the lever assembly on the small ball valve assembly to the control valve assembly (Figure 16).



**Figure 16**

- |                              |                               |
|------------------------------|-------------------------------|
| 1. Control valve assembly    | 4. Lever assembly             |
| 2. Fitting and retainer      | 5. Axis of the lever assembly |
| 3. Small ball valve assembly |                               |

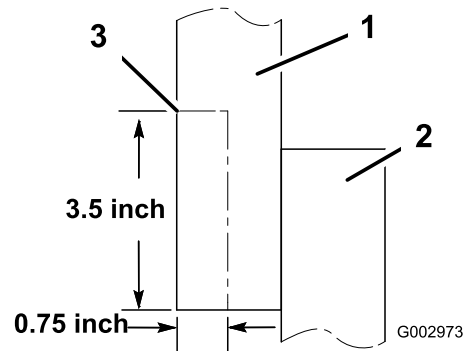
3. Connect the fitting you installed into the boom supply hose to the control valve assembly, securing it with the retainer you removed previously (Figure 17).



**Figure 17**

- |   |   |
|---|---|
| 1. Connect the boom supply hose to the control valve assembly here. | 4. Connect the large hose from the control valve assembly to the boom supply valves here. |
| 2. Control valve assembly   | 5. Rubber trim  |
| 3. Large hose   |   |

4. Install the control valve assembly onto the control box mounting bracket (Figure 17) using 2 flange head bolts (1/4 x 3/4 inch) but do not tighten the fasteners.
5. Install the small ball valve assembly to the control box mounting bracket (Figure 17) using 2 flange head bolts (1/4 x 3/4 inch) and 2 flange nuts (1/4 inch) but do not tighten the fasteners.
6. Align the axis of the levers on each valve and the valves (Figure 17) You may need to loosen the hose clamps securing the flow meter to the machine to get everything to fit well.
7. Tighten all hardware.
8. If you have an older model unit, you will have to cut the hold in assembly to allow clearance for hose (Figure 18).

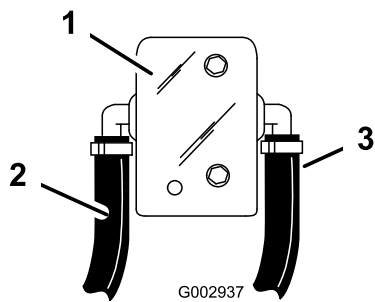


**Figure 18**

View from the right side of the vehicle

- |                 |                    |
|-----------------|--------------------|
| 1. Boom hold in | 3. Cut out section |
| 2. Boom upright |                    |

9. File the corners created by cutting the hold in assembly so the sharp edges will not cut the hose.
10. Connect the fitting on the large hose on the control valve assembly to the fitting on the right side of the boom supply valves (Figure 17).
11. Disconnect the large hose from the control valve and look inside the valve (Figure 17). You should see an opening in the check ball curving up. If not, rotate the ball until the opening is fully visible and it curves up.
12. Connect the large hose to the control valve (Figure 17).
13. Place the rubber trim piece over the frame edge to protect the hose (Figure 17).
14. Connect the end of a short 1/2 inch hose to the open fitting on the S53 tee that you installed into the agitation hose and route it to the rear 1/2 inch barb on the small ball valve assembly (Figure 19).

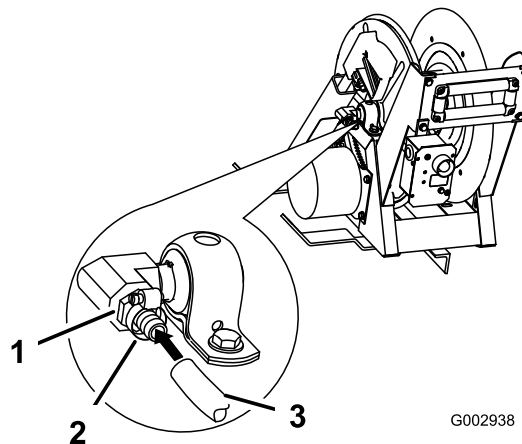


**Figure 19**

1. Right side of the control box mounting bracket
2. From agitation hose
3. From by-pass hose

15. Cut the hose to the appropriate length to remove excess slack and then connect the hose to the rear fitting.
16. Secure the hose to the fittings using 2 small hose clamps.
17. Connect the end of a short 1/2 inch hose to the open fitting on the S53 tee that you installed into the by-pass hose and route it to the front 1/2 inch barb on the small ball valve assembly (Figure 19).
18. Cut the hose to the appropriate length to remove excess slack and then connect the hose to the front fitting.

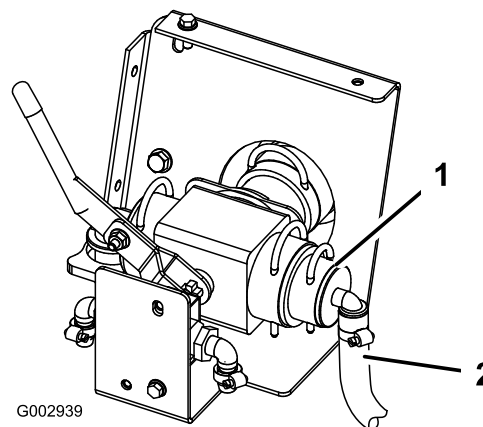
19. Secure the hose to the fittings using 2 small hose clamps.
20. Wrap Teflon tape counterclockwise around the threads of a barbed fitting (3/4 inch) and install it into the inlet port on the side of the hose reel (Figure 20).



**Figure 20**

1. Inlet port
2. Barbed fitting (1/2 inch)
3. Hose

21. Connect the 3/4 inch hose assembly to the control valve assembly facing the vehicle front (Figure 21).



**Figure 21**

1. Control valve assembly
2. Hose assembly

22. Connect the hose assembly to the fitting on the hose reel (Figure 20) and secure both ends with 2 small hose clamps.
23. Use a cable tie to secure the hose to tank saddle slot.

## Step

# 6

## Installing the Control Switches and Pressure Gauge

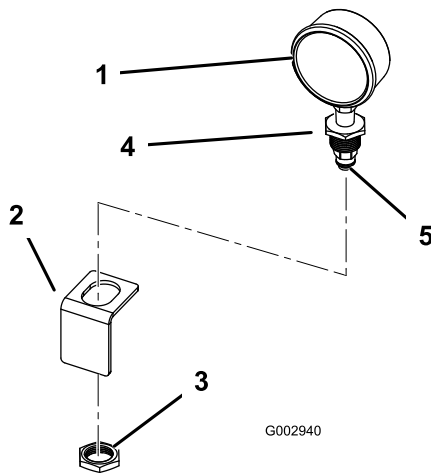
### Parts needed for this step:

1	Pressure gauge
1	Reducer fitting and nut
1	Plastic fitting (small)
1	Control box cover
1	Silver fitting (small)
1	Red tubing
1	Toggle switch
1	Momentary switch
1	Rear control box wire harness
1	Fuse (10 amp)
1	Switch wire cover
9	Flange head bolt (1/4 x 3/4 inch)
4	Flange nut (1/4 inch)
4	Knob

### Procedure

#### Installing the Control Switches and Pressure Gauge

1. Wrap Teflon tape counterclockwise around the threads of the gauge and install the reducer fitting onto the gauge (Figure 22).



**Figure 22**

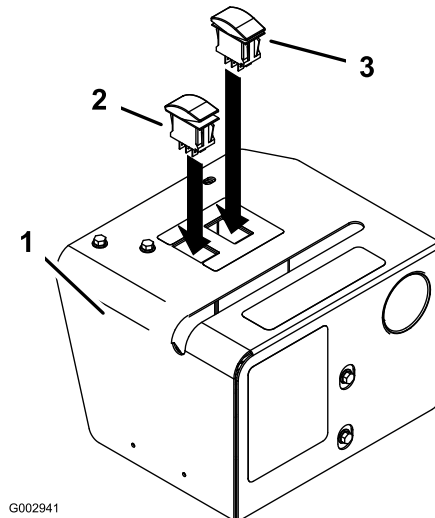
1. Pressure gauge
2. Bracket (inside of the control box cover)
3. Nut
4. Reducer fitting
5. Black plastic fitting

2. Install the black plastic fitting into the reducer fitting on the gauge (Figure 22).
3. Install the pressure gauge into the bracket under the circular opening inside the control box cover, securing it with the nut packaged with it (Figure 22).

**Note:** The face of the gauge must face the circular opening of the cover.

4. Wrap Teflon tape counterclockwise around the threads of the small silver fitting that is packaged with the red tubing and install it into the port you drilled out on the tee in front of the boom valves.
5. Install the two switches into the rectangular holes on the top of the cover (Figure 23). Install the momentary switch (switch that does not stay in either position when you are not pressing it) into the hole marked with the continuous variable and plus (+) and minus (-) signs.

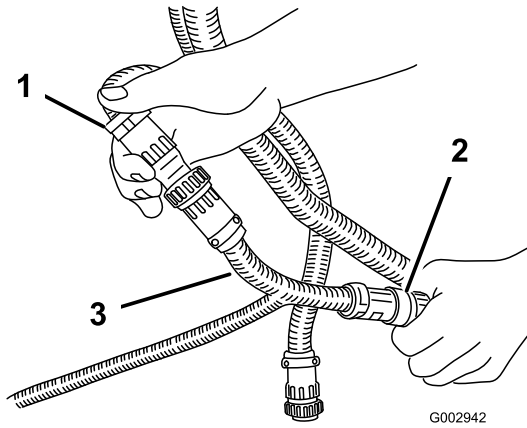
**Note:** The small square hole on the bottom of the switches should be oriented toward the long slot in the cover.



**Figure 23**

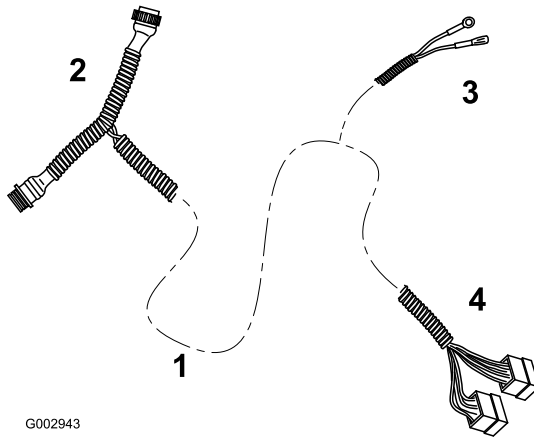
1. Control box cover
2. Toggle switch
3. Momentary switch

6. Disconnect the connectors under the dash between the manual control box and the spray harness (Figure 24).



**Figure 24**

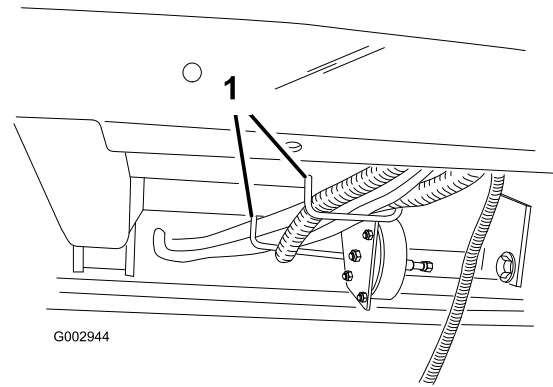
- 1. Existing manual control box harness
- 2. Spray harness
- 3. T-end of the new, rear control box harness



**Figure 25**

- 1. Rear control box harness
- 2. T-end
- 3. Middle lead with eye-ring connector and spade connector.
- 4. Switch connectors

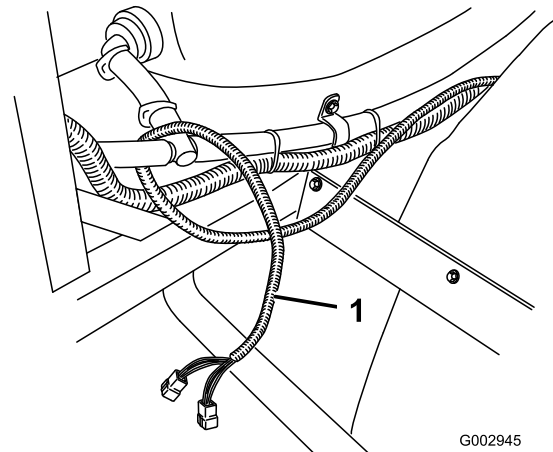
7. Connect the T-end of the new rear control box harness between the manual control box harness and the spray harness (Figure 24 and Figure 25).
8. Route the rear control box harness through the dash, under the vehicle, through the two harness rings under the floor panel (Figure 26) or R-clamps on newer vehicles.



**Figure 26**

- 1. Wire harness rings (older vehicles)

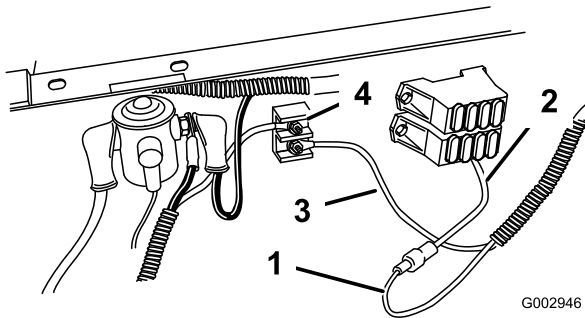
9. Once past the seat box, route the harness along the path of the front agitation hose to the rear, right side of the machine and the right boom frame upright (Figure 27).



**Figure 27**

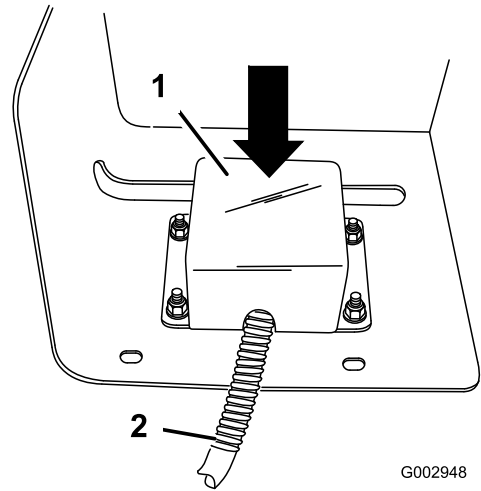
- 1. Rear control box harness routed to the control box area

10. Route the middle lead into the engine compartment and along the front of the engine through the cable guides securing the main wire harness.
11. Connect the middle lead with the spade connector to the open lead on the fuse box under the driver's seat (Figure 25 and Figure 28).



**Figure 28**

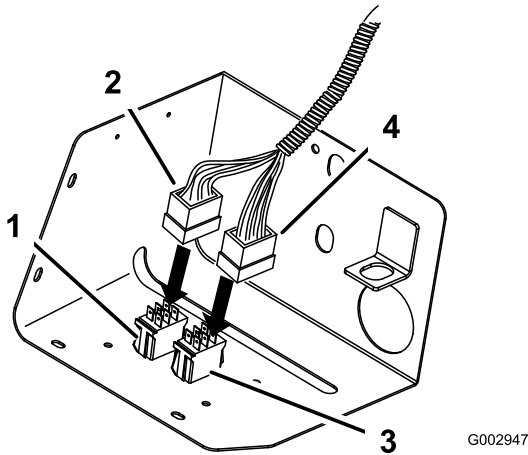
- |                              |   |
|------------------------------|---|
| 1. Middle lead with a spade  | 3. Middle lead with an eye-ring connector |
| 2. Open position on the fuse | 4. Ground terminal block                  |



**Figure 30**

- |                      |                 |
|----------------------|-----------------|
| 1. Switch wire cover | 2. Wire harness |
|----------------------|-----------------|

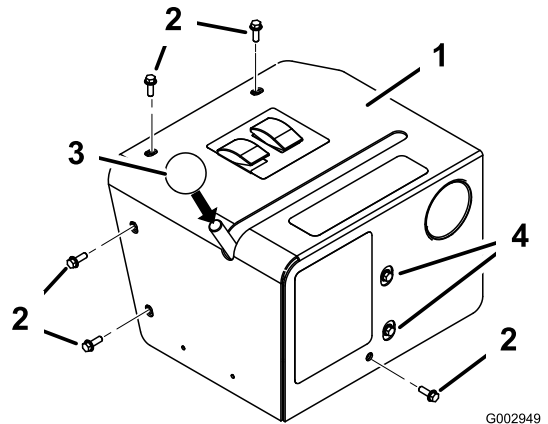
- If necessary, install a 10 amp fuse in the position where you connected the wire.
- Connect the middle lead with the eye ring connector to a ground stud on the ground terminal block (Figure 28).
- Connect the connector with mostly green and yellow wires to the spray selection switch (toggle style switch) (Figure 29).



**Figure 29**

- |   |                                       |
|---|---------------------------------------|
| 1. Spray selection switch                       | 3. Rate control switch                |
| 2. Connector with mostly green and yellow wires | 4. Connector with multi-colored wires |

- Connect the small red tube to the silver fitting you installed in step 4 and the other end to the fitting on the bottom of the pressure gauge.
- Install the control box cover to the control box mounting bracket (Figure 31), using 5 flange-head bolts (1/4 x 3/4 inch).



**Figure 31**

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 1. Control box cover                 | 3. Knob                              |
| 2. Flange-head bolt (1/4 x 3/4 inch) | 4. Lever adjustment bolts (1/4 inch) |

- Connect the connector with the multi-colored wires to the rate control switch (momentary switch) (Figure 29).
- Install the switch wire cover over the switches and around the wires (Figure 30) and secure it with 4 flange-head bolts (1/4 x 3/4 inch) and 4 flange nuts (1/4 inch).

- Install the knob onto the valve control lever (Figure 31).
- If necessary, loosen bolts on the front panel and reposition valve assembly to allow free travel of the lever in the slot (Figure 31).

## Step

# 7

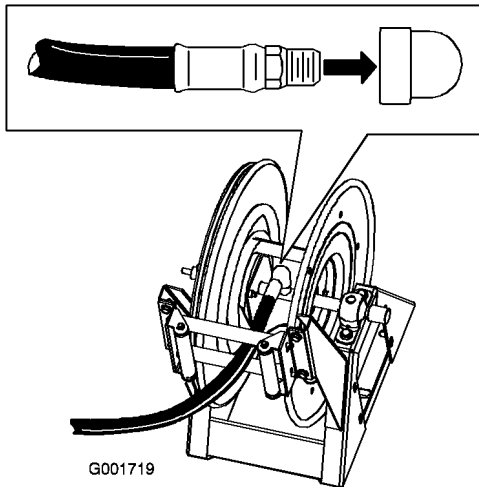
## Connecting the Spray Hose

### Parts needed for this step:

1	Long hose with fitting
1	Spray gun
1	Hose clamp, small

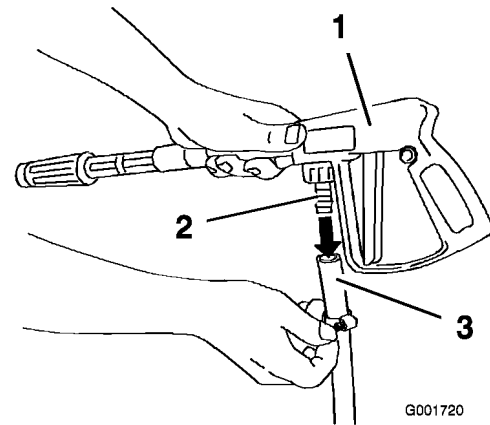
### Procedure

1. Wrap Teflon tape around the threads of the hose fitting on the long hose and install the fitting into the connecting tube on the reel (Figure 32).



**Figure 32**

2. Connect the free end of the long hose to the fitting on the spray gun (Figure 33).



**Figure 33**

3. Secure the end of the hose with a small hose clamp.
4. Connect the negative battery wire to the battery.
5. Press the hose wind button and carefully guide the hose onto the reel moving the hose from side to side to evenly distribute the hose.



**Hands, loose clothing, long hair, and jewelry could get caught in the hose and reel while rewinding and cause injury.**

- **Keep your hands clear of the reel and hose while it is rewinding.**
- **Do not wear loose clothing or jewelry and tie up long hair.**

# Operation



Fluid under pressure can penetrate skin and cause injury.

- Keep your body and hands away from nozzles that eject high pressure fluid.
- Do not aim the sprayer at any person or animal.
- Make sure all fluid hoses and lines are in good condition and all connections and fittings are tight before applying pressure to the system.
- Use cardboard or paper to find leaks.
- Safely relieve all pressure in the system before performing any work on it.
- Get immediate medical help if fluid is injected into skin.
- Hot liquids and chemicals can cause burns or other harm.

## Turf Care Precautions While Operating in Stationary Modes

**Important:** Under some conditions, heat from the engine, radiator, and muffler can potentially damage grass when operating the sprayer in a stationary mode. Stationary modes include tank agitation, hand spraying, or using a walking boom.

Use the following precautions:

- **Avoid** stationary spraying when conditions are very hot and/or dry, as turf can be more stressed during these periods.
- **Avoid** parking on the turf while stationary spraying. Park on a cart path whenever possible.
- **Minimize** the amount of time the machine is left running over any particular area of turf. Both time and temperature affect how much the grass may be damaged.
- **Set the engine speed as low as possible** to achieve the desired pressure and flow. This

will minimize the heat generated and the air velocity from the cooling fan.

- **Allow heat to escape** upward from the engine compartment by raising the engine guard/seat assemblies during stationary operation rather than being forced out under the vehicle. Refer to your Operator's Manual for more information on raising the seat assemblies.

**Note:** Use a heat shield blanket underneath the vehicle during stationary operation if additional heat protection is desired. Contact your Authorized Toro Dealer to obtain a Toro Heat Shield Blanket kit, for turf sprayers.

## Switching from Boom Spray Mode to Hand Spray Mode

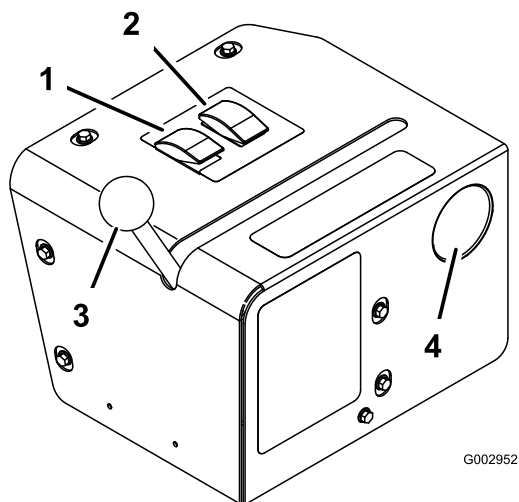
1. Stop the machine and set the parking brake.



Driving while using the hand sprayer can cause loss of control, resulting in injury or death. Do not operate the hand sprayer while driving.

2. Set the throttle 25 percent of the way toward the Fast position.
3. Ensure that the pump switch is on and the Pro Control™ (if applicable) is set in the manual position.
4. Ensure that the trigger lock on the spray gun is locked.
5. Set the spray selection switch to the hand spray position (Figure 34).

**Note:** Hose reel accessories that require flows greater than 7 GPM may have reduced performance. The level of performance experienced by the operator is dependant upon accessory pressure required, accessory speed and other adjustable variables. For most reasonable settings, attachments will meet and exceed operator requirements. Please consult you nozzle selection guide for further information.



**Figure 34**

- |                           |                        |
|---------------------------|------------------------|
| 1. Spray selection switch | 3. Valve control lever |
| 2. Rate control switch    | 4. Pressure gauge      |

6. Move the valve control lever forward to the hand spray position (Figure 34).
7. Adjust the rate control switch and the throttle to increase or decrease the pressure, as read on the pressure gauge, to the desired setting (Figure 34).

**Note:** Use the lowest throttle setting possible to achieve the desired pressure. This can be achieved by setting the pressure to maximum with the rate control switch and then adjusting the throttle speed until the desired pressure is obtained.

**Note:** The maximum recommended operating pressure of the hose reel kit is 150 psi.

## Spraying with the Hand Sprayer

1. Pull out the desired amount of hose from the reel.

**Important:** Do not pull the hose with the spray gun. Always hold the hose and pull on it directly. Pulling on the hose with the gun may break the fitting on the gun or damage the hose.

2. Release the trigger lock.
3. Direct the spray gun nozzle at the area to be sprayed and pull the trigger.
4. Release the trigger and set the trigger lock when finished.

## Switching from Hand Spray Mode to Boom Spray Mode

1. Press the rate control switch to reduce the pressure until the pump stops.



Hands, loose clothing, long hair, and jewelry could get caught in the hose and reel while rewinding and cause injury.

- Keep your hands clear of the reel and hose while it is rewinding.
- Do not wear loose clothing or jewelry and tie up long hair.

2. Move the valve lever rearward to the boom spray position.
3. Set the spray selection switch to the boom spray position.
4. Direct the spray gun nozzle at an area where it is safe to spray, release the trigger lock, and pull the trigger until all remaining fluid is out of the hose, then set the trigger lock.
5. Press the rewind button on the hose reel until only a few feet of hose is out of the reel.
6. Return the spray gun to the holder on the back of the reel.

**Important:** An unsecured hose may catch objects and damage the hose reel.