Form No. 3468-124 Rev A

Pivoting Hose Reel Kit

2015 and After Multi-Pro 5800 Turf Sprayer

Model No. 41621—Serial No. 416400000 and Up

Operator's Manual

Introduction

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 for product safety and operation training materials, 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.

Note: This product complies with all relevant European directives. For details, please see the Declaration of Incorporation (DOI) at the back of this publication.

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

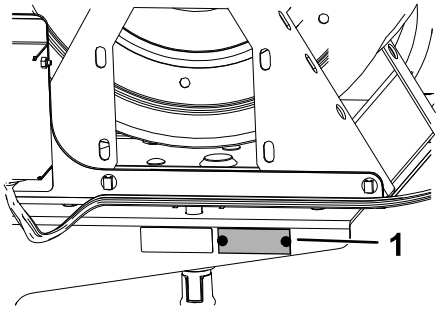

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Figure 1

1. Model and serial number plate

Model No. _____

Serial No. _____

⚠ WARNING

CALIFORNIA
Proposition 65 Warning

Use of this product may cause exposure to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

8111 Lyndale Avenue South
Bloomington, MN 55420

Register at www.Toro.com.

CE UK CA

Original Instructions (EN)
Printed in the USA

3468-124

Safety

Improper use or maintenance by the operator or owner can result in injury. To reduce the potential for injury, comply with these safety instructions and always pay attention to the safety-alert symbol, which means Caution, Warning, or Danger—personal safety instruction. Failure to comply with the instruction may result in personal injury or death.

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 your 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.
- Lightning can cause severe injury or death. If lightning is seen or thunder is heard in the area, do not operate the machine; seek shelter.

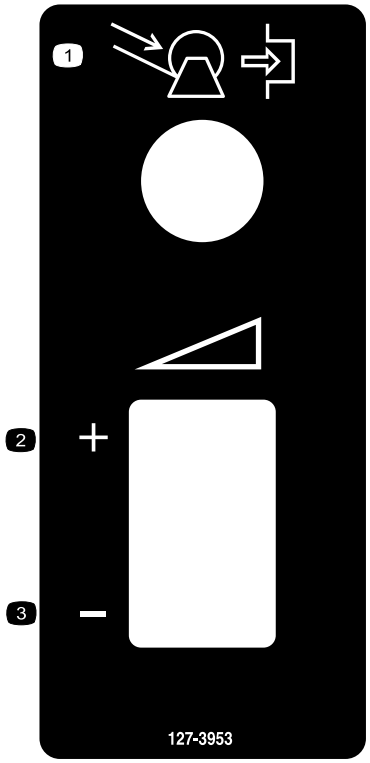
⚠ CAUTION

Chemicals are hazardous and can cause personal injury.

- **Read the directions on the chemical labels before handling the chemicals and follow all manufacturer recommendations and precautions.**
- **Keep chemicals away from your skin. Should contact occur, wash the affected area thoroughly with soap and clean water.**
- **Wear goggles and any other protective equipment recommended by the chemical manufacturer.**

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 missing.



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1. To retract the hose reel, engage the button.
2. Increase the spray rate.
3. Decrease the spray rate.

Setup

Loose Parts

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

Procedure	Description	Qty.	Use
1	No parts required	–	Prepare the machine.
2	No parts required	–	Remove the optional rinse tank and move the sprayer tank—Multi Pro 5800 turf sprayers with the optional rinse tank kit installed.

Procedure	Description	Qty.	Use
3	Nut (1/4-20 inch)	1	Install the hose-reel frame.
	Flange nut (5/16-18 inch)	5	
	Flange nut (3/8-16 inch)	12	
	Bolt (3/8-16 x 1 inch)	5	
	Bolt (1/4-20 x 3/4 inch)	1	
	Bolt (3/8-16 inch)	2	
	Bolt (3/8-16 x 3 1/2 inch)	2	
	Upper bracket	1	
	Lower-bracket support	1	
	Lower bracket	1	
	Whiz bolt (5/16-18 x 1 inch)	1	
	U-Bolt	1	
	Bolt (3/8-16 x 2 1/4 inch)	2	
	Reel-shelf support bracket	1	
	Shoulder bolt	4	
	Reel shelf frame	1	
	Jam nut (5/16-18 inch)	2	
	Bolt (5/16-18 x 1 inch)	2	
	Pressure gauge reducer	1	
	Coupler	1	
	Pressure gauge	1	
4	No parts required	–	Assembling the optional rinse tank—Multi Pro 5800 turf sprayers with the optional rinse tank kit installed.
5	Wiring harness	1	Install the switch box and hose reel.
	Switch box assembly	1	
	Thrust washer	1	
	Snap ring	1	
	Hose reel assembly	1	
	Spring pin	1	
	Washer (7/16 inch)	4	
	Flange nut (5/16-18 inch)	2	
	Bolt (5/16-18 x 1/4 inch)	2	
	Washer	1	
	Flange nut (3/8-16 inch)	4	
	Bolt (3/8-16 x 1 inch)	4	

Procedure	Description	Qty.	Use
6	Control valve	1	Install the control valve.
	Control-valve bracket (2024 and after)	1	
	Control-valve bracket (2024 and after with GeoLink)	1	
	Carriage bolt (1/4-20 x 5/8 inch)	2	
	T-manifold (2024 and after with GeoLink)	1	
	Flanged control valve	1	
	Wing handle	1	
	Handle screw (6-32 x 5/8 inch)	1	
	Straight fitting	1	
	Retainer	1	
	T-fitting	1	
	Threaded T-fitting	1	
	Hose (71 inches)	1	
	Flange clamp	1	
	Gasket	1	
	90° elbow	1	
	Tube coupler	1	
	Valve mount	1	
	Flange-head bolt (6 x 12 mm)	4	
	Control-valve bracket (2023 and before)	1	
	Flange-head bolt (1/4-20 x 5/8 inch)	4	
	Flange locknut (1/4-20 inch)	4	
7	R-clamp	1	Connect the supply hose and pressure-sense tube.
	Flange-head bolt (1/4-20 x 3/4 inch)	1	
	Flange locknut (1/4-20 inch)	1	
	Pressure transducer tube	1	
	Hose clamp	2	
	Cable tie	3	
8	Spray-gun hose with fitting	1	Connect the spray hose.
	Spray gun	1	
	Small hose clamp	1	
9	No parts required	–	Check the pivoting hose reel for leaks.

Customer provided supplies:

- PTFE thread sealant (tape or paste)
- A non-petroleum-based lubricant such as vegetable oil

1

Preparing the Machine

No Parts Required

Procedure

⚠ WARNING

Battery terminals or metal tools could short against metal machine components, causing sparks. Sparks can cause the battery gasses to explode, resulting in personal injury.

- **When removing or installing the battery, do not allow the battery terminals to touch any metal parts of the tractor.**
- **Do not allow metal tools to short between the battery terminals and metal parts of the machine.**

⚠ WARNING

Incorrect battery cable routing could damage the machine and cables, causing sparks. Sparks can cause the battery gasses to explode, resulting in personal injury.

- **Always disconnect the negative (black) battery cable before disconnecting the positive (red) cable.**
- **Always connect the positive (red) battery cable before connecting the negative (black) cable.**

1. If the optional rinse tank is installed, empty the tank into the spray tank; refer to Operating the Rinse Kit in the *Installation Instruction* for the Tank Rinse Kit.
2. Ensure that the sprayer tank of the machine is empty of all fluids.

   Note: If the sprayer tank has contained chemical solutions, flush the tank and sprayer system thoroughly with clean water; refer to your vehicle *Operator's Manual* for instructions.
3. Park the machine on a level surface, set the parking brake, shut off the sprayer pump, shut off the engine, and remove the key from the key switch.
4. Disconnect the negative battery cable from the negative post of the battery; refer to the *Operator's Manual*.
5. Disconnect the positive battery cable from the positive post of the battery; refer to the *Operator's Manual*.

2

Removing the Rinse Tank and Moving the Spray Tank

Multi Pro 5800 Turf Sprayers with the Optional Rinse-Tank Kit Installed

No Parts Required

Removing the Rinse Tank

1. At the top of the spray tank, remove the retainer fork that secures the 90° barbed fitting of the suction hose to the housing for the suction screen, and separate the barbed fitting from the housing (Figure 2).

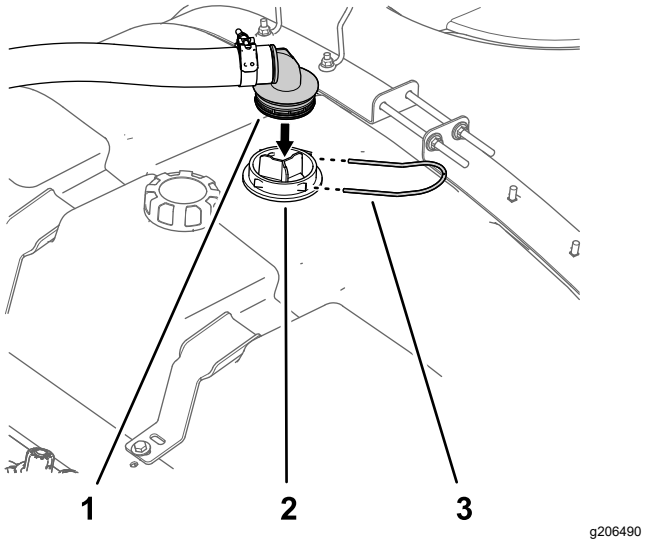

Figure 2

1. 90° barbed fitting (supply hose)
2. Housing (suction screen)
3. Retainer fork

2. Remove the 90° fitting from the suction-screen housing (Figure 2).

3. At the bottom of the rinse tank, remove the retainer fork that secures the 90° fitting of the supply hose to the bulkhead fitting (Figure 3).

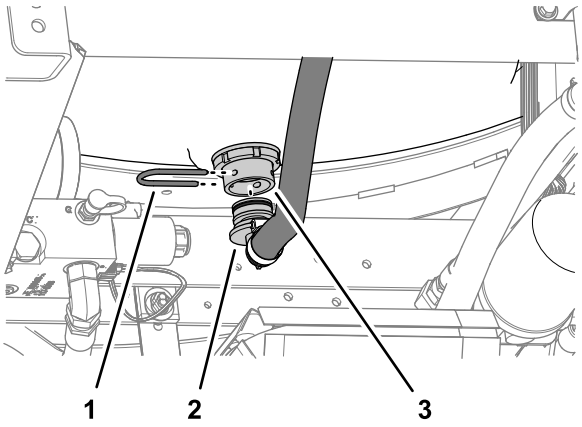

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Figure 3

1. Retainer fork
2. 90° fitting (supply hose)
3. Bulkhead fitting

4. Remove the 90° fitting from the bulkhead fitting (Figure 3).
5. Remove the 2 bolts, 4 washers, and 2 flange locknuts that secure the 2 hold-down brackets for the rinse tank to the valve mount, and remove the hold-down brackets (Figure 4).

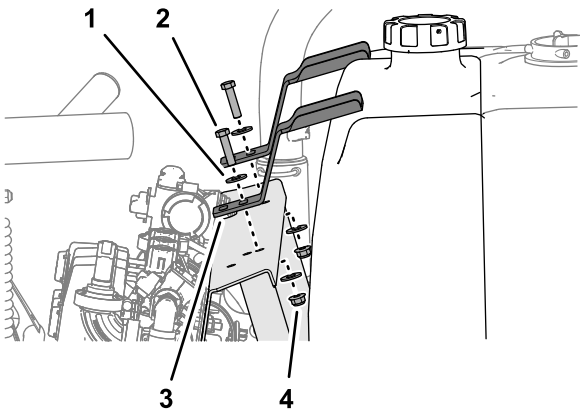

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Figure 4

1. Washer
2. Bolt
3. Hold-down bracket
4. Flange locknuts

6. Remove the rinse tank from the machine (Figure 5).

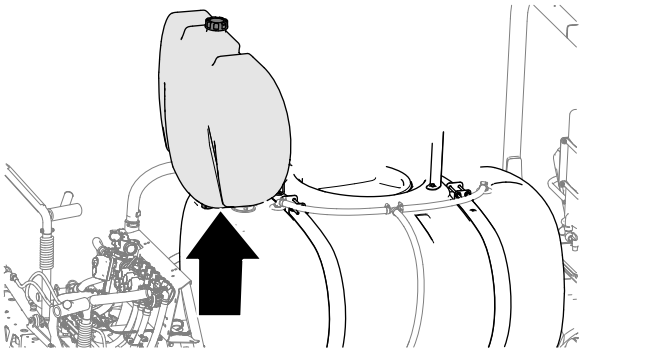

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Figure 5

Moving the Spray Tank

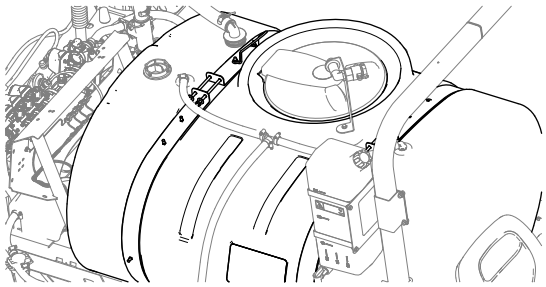

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Figure 6

1. Loosen the 4 flange locknuts and 4 bolts that secure the tank-strap halves (Figure 7).

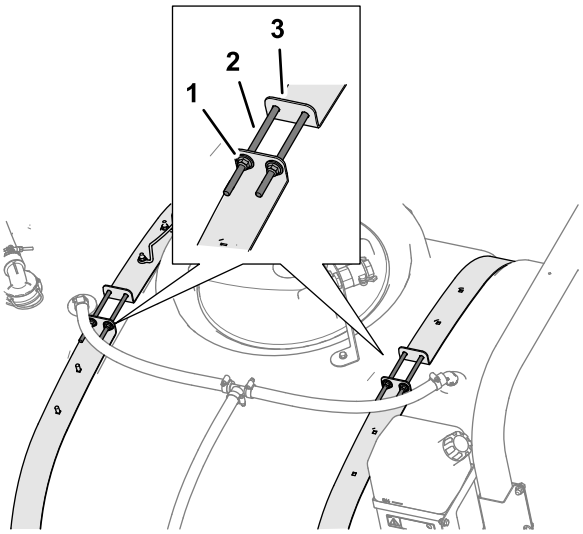

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Figure 7

1. Flange locknut
2. Tank-strap half
3. Bolt

2. Move the spray tank forward until the straps are aligns flush with the rearmost shoulder of the strap relief molded into the tank (Figure 8).

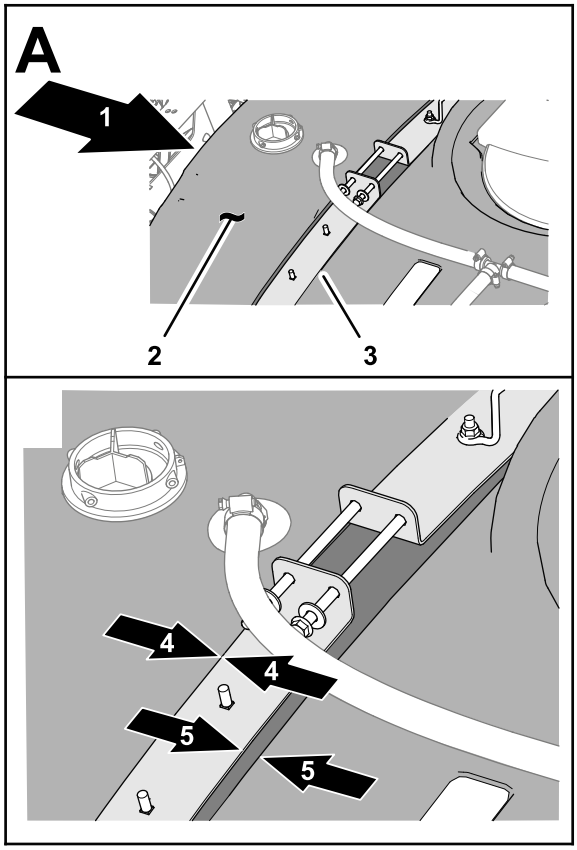

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Figure 8

1. Front of the machine
2. Spray tank
3. Tank strap
4. Flush (shoulder of the strap relief and the tank strap)
5. Gap (shoulder of the strap relief and the tank strap)

3. Tighten the 4 flanged locknuts and 4 bolts at the top of straps until the straps are flush with the surface of the tank (Figure 7).

3

Installing the Hose-Reel Frame

Parts needed for this procedure:

1	Nut (1/4-20 inch)
5	Flange nut (5/16-18 inch)
12	Flange nut (3/8-16 inch)
5	Bolt (3/8-16 x 1 inch)
1	Bolt (1/4-20 x 3/4 inch)
2	Bolt (3/8-16 inch)
2	Bolt (3/8-16 x 3 1/2 inch)
1	Upper bracket
1	Lower-bracket support
1	Lower bracket
1	Whiz bolt (5/16-18 x 1 inch)
1	U-Bolt
2	Bolt (3/8-16 x 2 1/4 inch)
1	Reel-shelf support bracket
4	Shoulder bolt
1	Reel shelf frame
2	Jam nut (5/16-18 inch)
2	Bolt (5/16-18 x 1 inch)
1	Pressure gauge reducer
1	Coupler
1	Pressure gauge

Procedure

1. Mount the upper bracket using 1 bolt (1/4-20 x 3/4 inch), 1 nut (1/4-20 inch), 1 whiz bolt (5/16-18 x 1 inch), and 1 flange nut (5/16-18 inch) as shown in Figure 9.

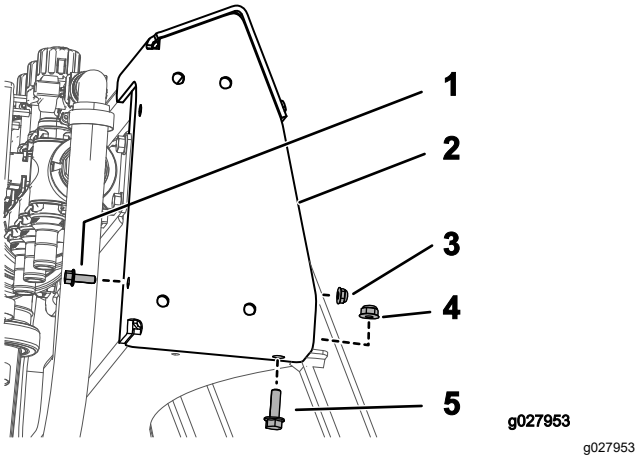


Figure 9

1. Bolt (1/4-20 x 3/4 inch)
2. Upper bracket
3. Nut (1/4-20 inch)
4. Flange nut (5/16-18 inch)
5. Whiz bolt (5/16-18 x 1 inch)

2. Secure the back side of the upper bracket using 1 U-bolt, 1 bolt (3/8-16 x 1 inch), and 3 flange nuts (3/8-16 inch) as shown in Figure 10.

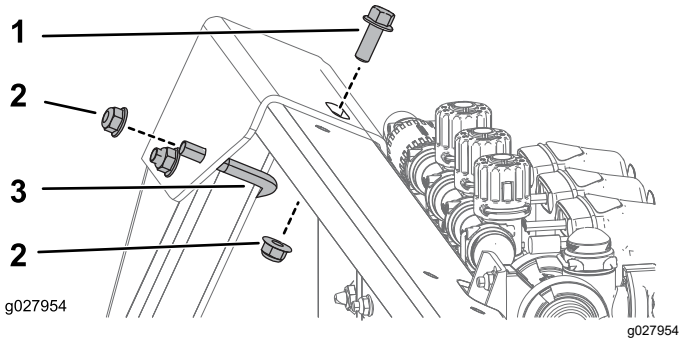


Figure 10

1. Bolt (3/8-16 x 1 inch)
2. Flange nut (3/8-16 inch)
3. U-bolt

Note: If a rinse tank was removed before installing the upper bracket, install the rinse tank before proceeding to the next step.

3. Mount the lower bracket and lower support bracket to the frame using 2 bolts (3/8-16 inch), 2 bolts (3/8-16 x 3 1/2 inch), and 4 flange nuts (3/8-16 inch) as shown in Figure 11.

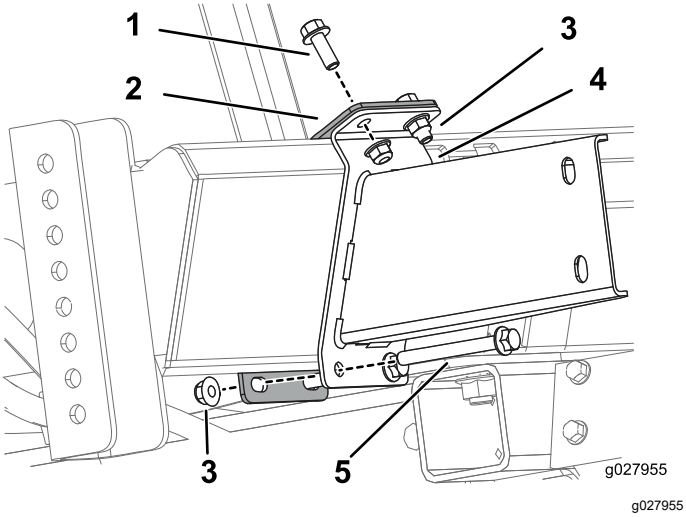


Figure 11

1. Bolt (3/8-16 inch)
2. Lower support bracket
3. Flange nut (3/8-16 inch)
4. Lower bracket
5. Bolt (3/8-16 x 3 1/2 inch)

4. If your machine has the optional rinse tank kit installed, align the tank to the machine as shown in figure (Figure 12).

Note: You will complete the rinse tank installation in Installing the Rinse Tank (page 10).

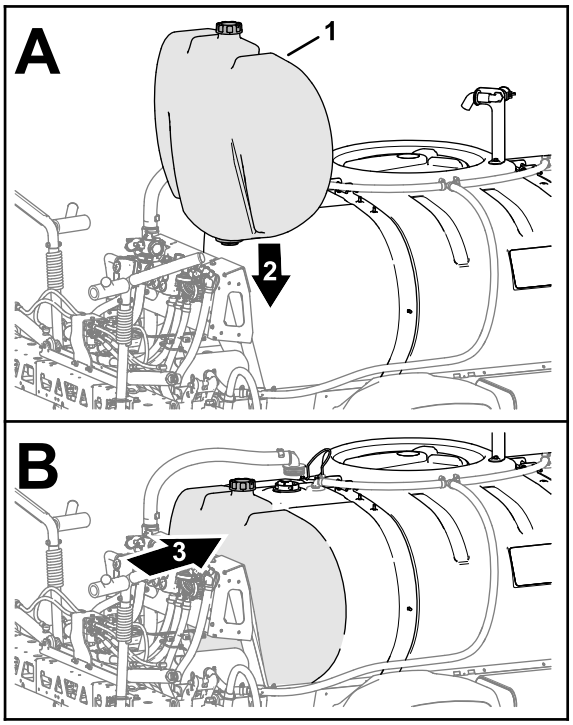


Figure 12

1. Optional rinse tank
2. Down
3. Forward

5. Secure the reel-shelf support bracket to the upper and lower brackets using 4 bolts (3/8-16 x 1 inch), 2 bolts (3/8-16 x 2 1/4 inch), and 6 flange nuts (3/8-16 inch) as shown in Figure 13.

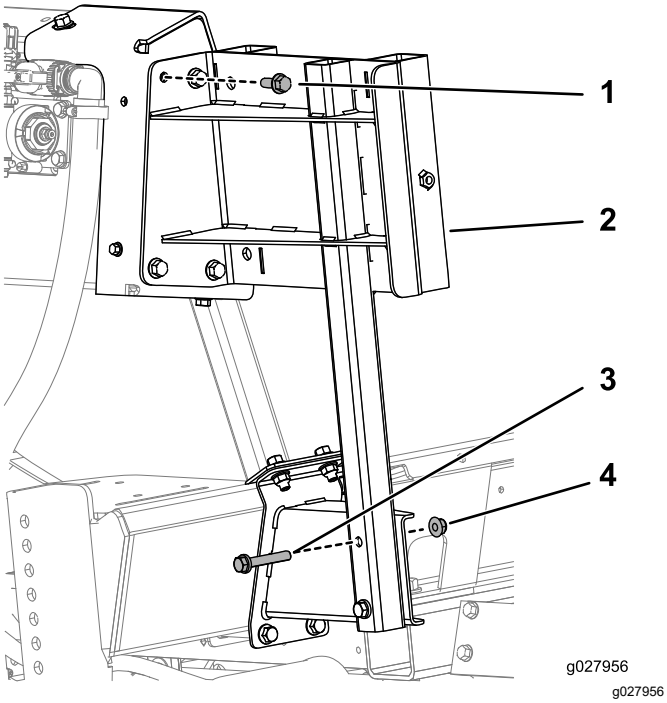


Figure 13

1. Bolt (3/8-16 x 1 inch)
2. Reel-shelf support bracket
3. Bolt (3/8-16 x 2 1/4 inch)
4. Flange nut (3/8-16 inch)

6. Insert the reel shelf frame into the slots onto the reel-shelf support bracket and secure the shelf using 4 shoulder bolts, 4 flange nuts (5/16-18 inch), 2 bolts (5/16-18 x 1 inch), and 2 jam nuts (5/16-18 inch) as shown in Figure 14.

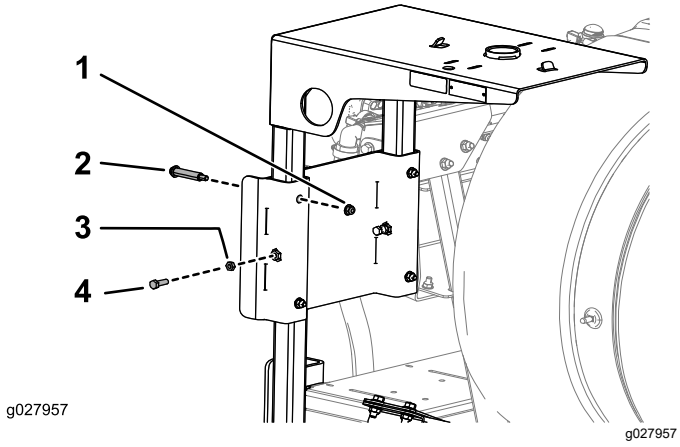


Figure 14

1. Flange nut (5/16-18 inch)
2. Shoulder bolt
3. Jam nut (5/16-18 inch)
4. Bolt (5/16-18 x 1 inch)

7. Apply PTFE tape to the threads on the pressure gauge and install the pressure gauge assembly as shown in Figure 15.

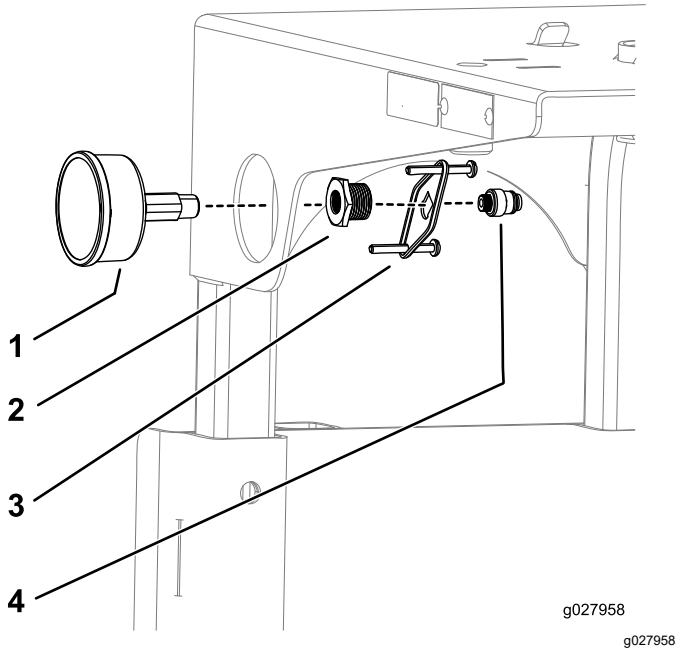


Figure 15

1. Pressure gauge
2. Pressure gauge reducer
3. Pressure gauge support bracket assembly
4. Coupler

8. Tighten the bolts on the pressure-gauge support bracket against the reel-shelf frame.

4

Assembling the Optional Rinse Tank

Multi Pro 5800 Turf Sprayers with the Optional Rinse-Tank Kit Installed

No Parts Required

Installing the Rinse Tank

1. Align the hold-down bracket with the reliefs molded into the top of the rinse tank (Figure 16)

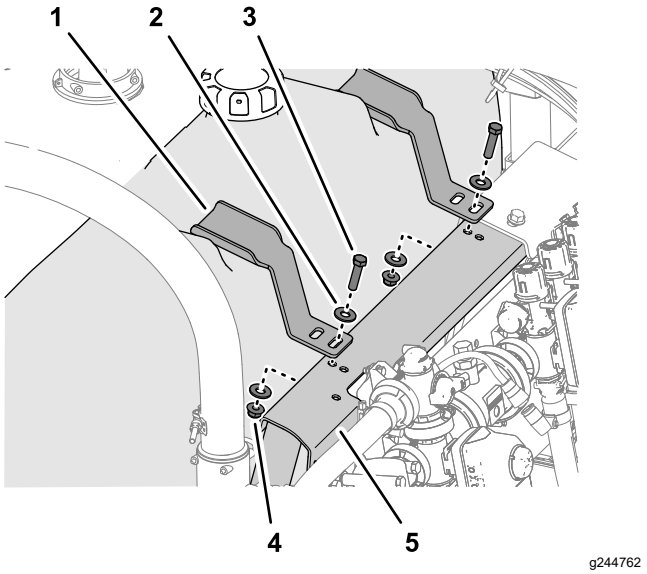


Figure 16

1. Hold-down bracket
2. Flange locknut (3/8 inch)
3. Bolt (3/8 x 1-1/2 inches)
4. Washer (3/8 inch)
5. Valve mount

2. Align the slot in the hold-down bracket with the hole in the valve mount (Figure 16).
3. Loosely assemble the hold down to the valve mount (Figure 16) with a bolt (3/8 x 1-1/2 inches), 2 washers (3/8 inch), and a flange locknut (3/8 inch) that you removed in Removing the Rinse Tank (page 6).
4. Repeat steps 1 through 3 for the other hold down at the other recess in the rinse tank (Figure 16).
5. Carefully tighten the bolts and flange nuts by hand.

   Important: **The rinse tank must be seated and secure, but the hold down should not deform or warp the tank**

   Note: Once the rinse tank has been initially filled, check the hold downs and the rinse tank for play (the weight of the water in the tank can further seat the tank against the frame). If needed, tighten the bolt(s) and flange locknut(s) until the hold downs are snug against the rinse tank—do not deform the tank.

Installing the Spray Tank Suction Hose

1. Insert the 90° barbed fitting of the suction hose to the housing for the suction screen until the fitting is fully seated (Figure 17).

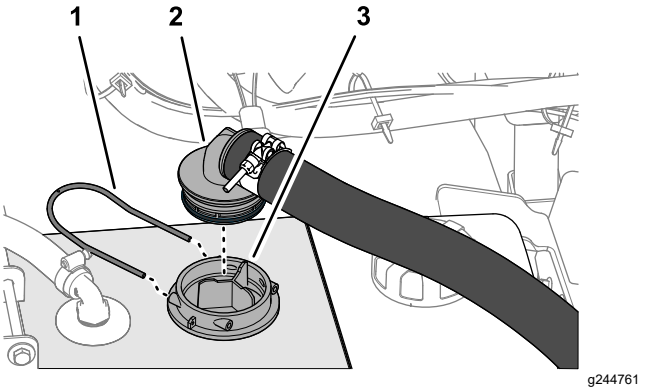


Figure 17

1. Retainer fork
2. 90° barbed fitting (supply hose)
3. Housing (suction screen)

2. Secure the 90° barbed fitting to the housing for the suction screen with the retainer fork (Figure 17).

Assembling the Supply Hose

1. Align the 90° barbed fitting of the supply hose with the housing for the suction screen (Figure 18).

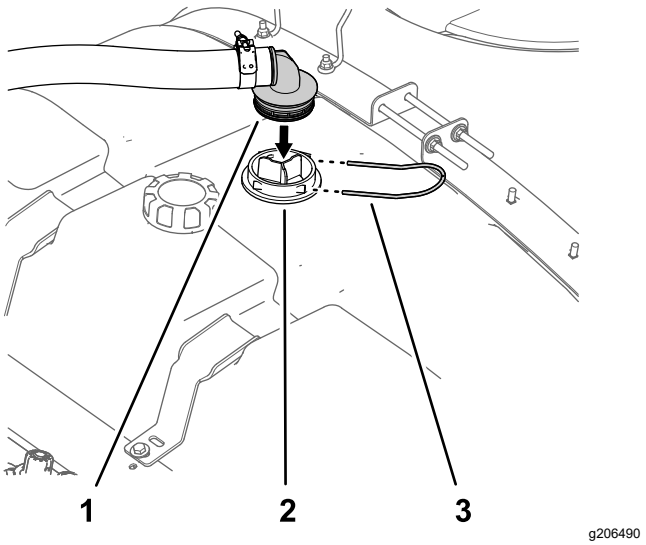


Figure 18

1. 90° barbed fitting (supply hose)
2. Housing (suction screen)
3. Retaining fork

2. Secure the 90° barbed fitting to the housing (Figure 18) with the retainer fork that you removed in step 1 of Removing the Rinse Tank (page 6).

5

Installing the Switch Box and Hose Reel

Parts needed for this procedure:

1	Wiring harness
1	Switch box assembly
1	Thrust washer
1	Snap ring
1	Hose reel assembly
1	Spring pin
4	Washer (7/16 inch)
2	Flange nut (5/16-18 inch)
2	Bolt (5/16-18 x 1/4 inch)
1	Washer
4	Flange nut (3/8-16 inch)
4	Bolt (3/8-16 x 1 inch)

Procedure

Note: The fuse for the hose-reel motor is located in the switch box (Figure 19).

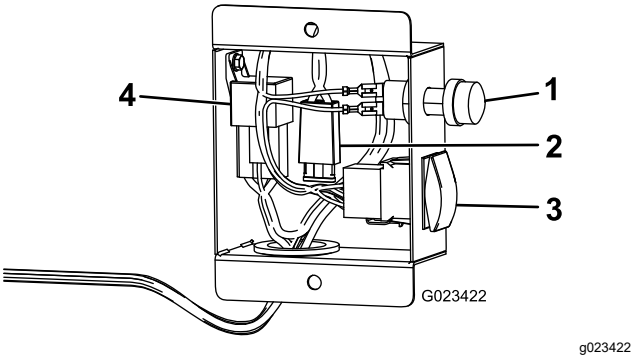


Figure 19

1. Hose-reel button
2. Fuse
3. Rate switch
4. Power relay

1. Drop the swivel plate into the hole on the hose-reel base.
2. On the underside of the hose-reel frame, attach the thrust washer and snap ring to the post on the swivel plate (Figure 20).

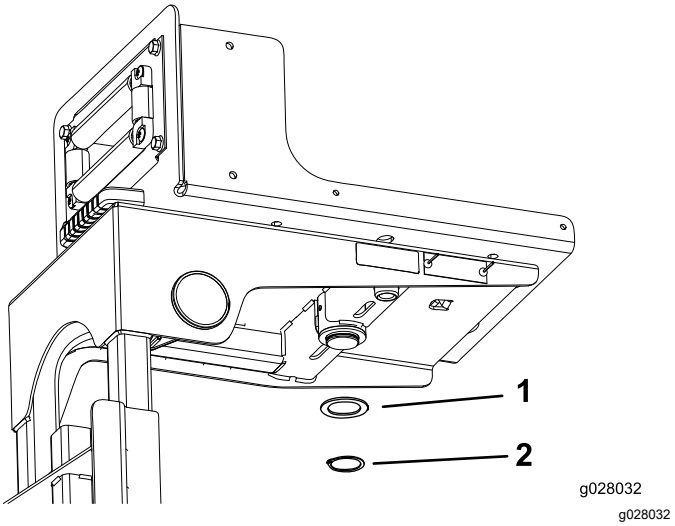


Figure 20

1. Thrust washer
2. Snap ring

3. Mount the switch box to the swivel plate using 2 bolts (5/16-18 x 1/4 inch) and 2 flange nuts (5/16-18 inch) as shown in Figure 21.

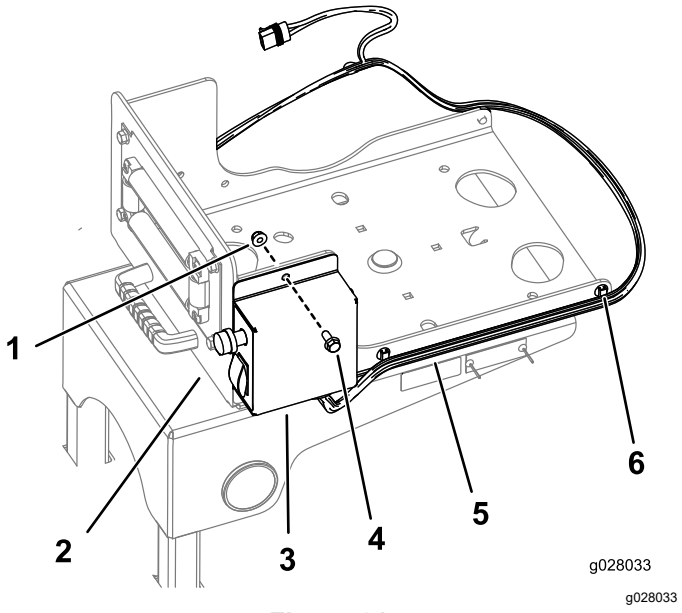


Figure 21

1. Flange nut
2. Swivel plate
3. Bolt
4. Switch box
5. Wiring harness
6. Wiring-harness clip

4. Secure the wiring harness to the sides of the swivel plate using the existing clips (Figure 21).
5. Secure the hose reel to the swivel plate using 4 bolts (3/8-16 x 1 inch), 4 washers (7/16 inch), and 4 flange nuts (3/8-16 inch) as shown in Figure 22.

   Note: The hose-reel motor should face away from the switch panel.

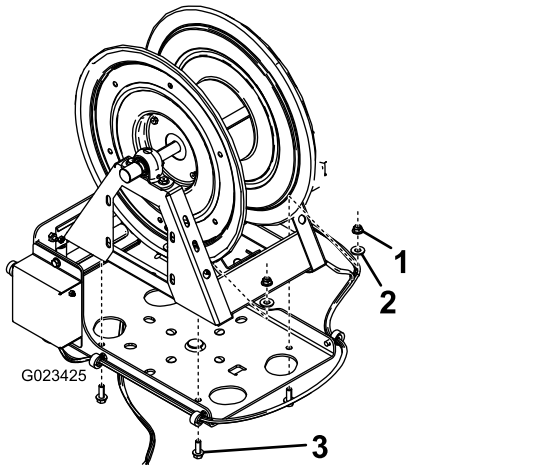


Figure 22

1. Flange nut (3/8-16 inch)
2. Washer (7/16 inch)
3. Bolt (3/8-16 x 1 inch)

6. Install the washer and spring pin to the underside of the hose-reel frame (Figure 23).

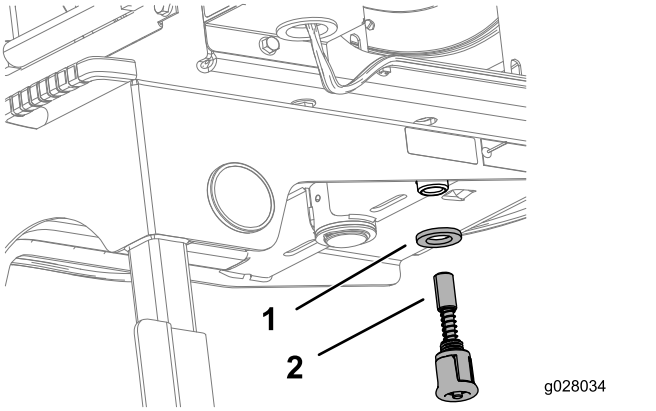


Figure 23

1. Washer
2. Spring pin

7. Connect the remaining wiring harness plugs to the motor, the main harness power, and the hose reel kit plugs.

6

Installing the Control Valve for the Hose Reel

Parts needed for this procedure:

1	Control valve
1	Control-valve bracket (2024 and after)
1	Control-valve bracket (2024 and after with GeoLink)
2	Carriage bolt (1/4-20 x 5/8 inch)
1	T-manifold (2024 and after with GeoLink)
1	Flanged control valve
1	Wing handle
1	Handle screw (6-32 x 5/8 inch)
1	Straight fitting
1	Retainer
1	T-fitting
1	Threaded T-fitting
1	Hose (71 inches)
1	Flange clamp
1	Gasket
1	90° elbow
1	Tube coupler
1	Valve mount
4	Flange-head bolt (6 x 12 mm)
1	Control-valve bracket (2023 and before)
4	Flange-head bolt (1/4-20 x 5/8 inch)
4	Flange locknut (1/4-20 inch)

Installing the Control Valve to the Machine

Multi Pro 5800 Turf Sprayers—2024 and After

Note: Retain all removed parts for later installation unless otherwise noted.

1. Remove the existing control valve bracket and the existing control valve (Figure 24).

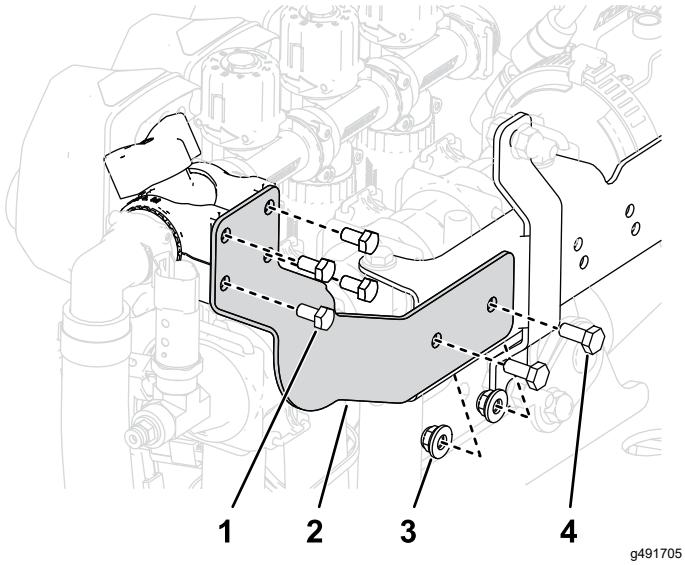


Figure 24

1. Flange-head bolt (M6 x 12 mm)
2. Control-valve bracket
3. Flange locknut (1/4-20 inch)
4. Flange-head bolt (1/4-20 inch)

2. Remove the retainer that secures the bypass cap, and remove the bypass cap from the bottom of the T-manifold on the machine (Figure 25).

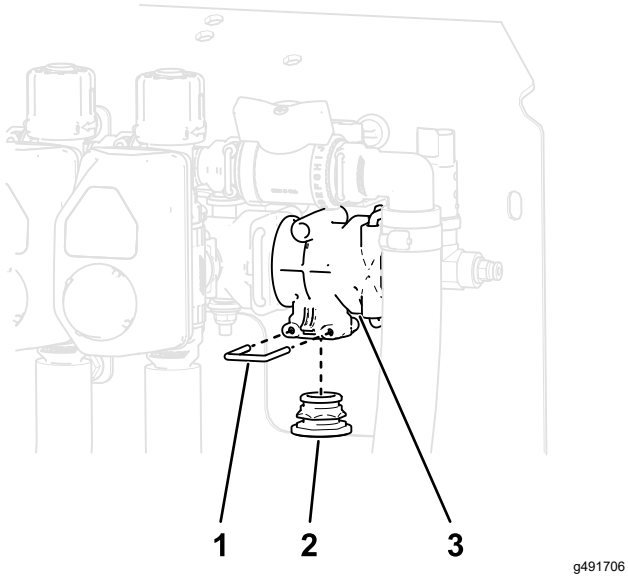


Figure 25

1. Retainer
2. Bypass cap
3. T-manifold on end of valve section

3. Assemble the wing handle and straight fitting to the control valve (Figure 26).

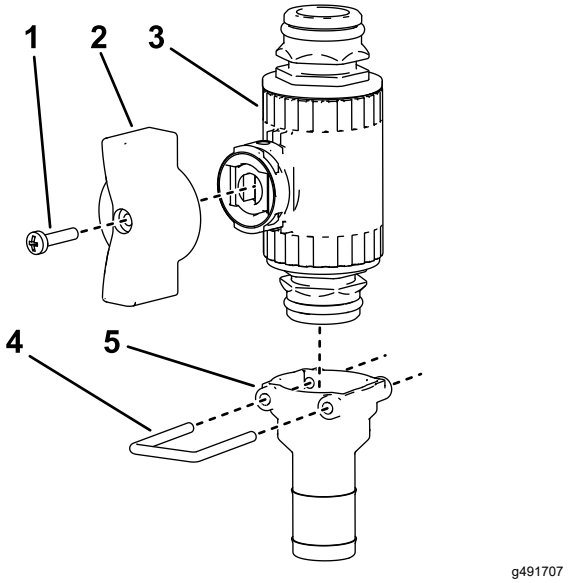


Figure 26

1. Handle screw (6-32 x 5/8 inch)
2. Wing handle
3. Control valve
4. Retainer
5. Straight fitting

4. Assemble the straight fitting to the control valve using the retainer as shown in Figure 26.
5. Assemble the valve mount onto the control valve as shown in A of Figure 27.

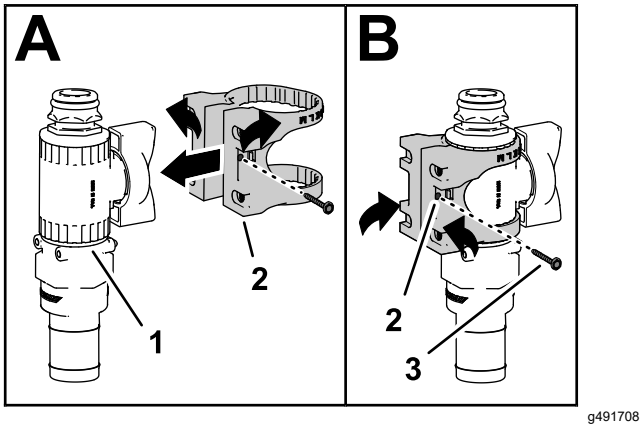
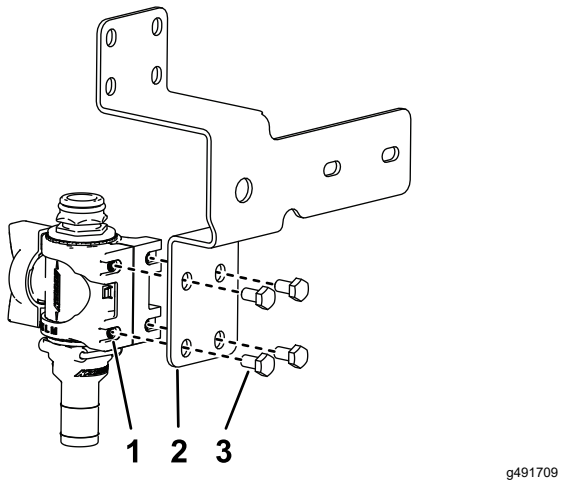


Figure 27

1. Control valve assembly
2. Valve mount
3. Flange-head screw (#6)

6. Secure the valve mount to the control valve with the flange-head screw (#6), and tighten the screw by hand (B of Figure 27).

7. Assemble the valve mount to the included control-valve bracket (Figure 28) with the 4 flange-head bolts (M6 x 12 mm); torque the bolts to 10 to 12 N·m (86 to 106 in-lb).

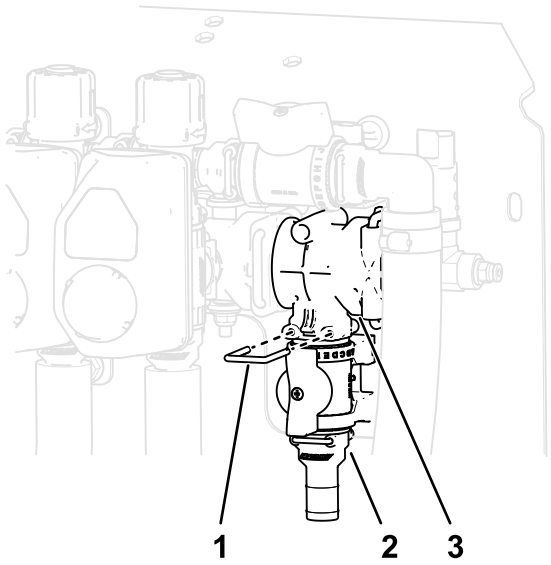


g491709

Figure 28

1. Valve mount
2. Control-valve bracket
3. Flange-head bolt (M6 x 12 mm)

8. Connect the control valve assembly to the T-manifold at the end of the valve section using the retainer removed in step 1.



g491710

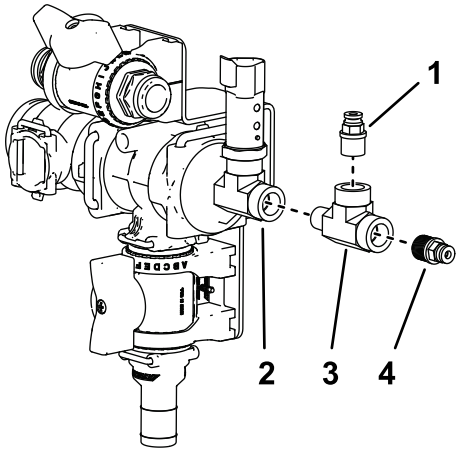
Figure 29

1. Retainer
2. Control valve assembly
3. T-manifold

9. Install the existing control valve to the included control valve bracket assembly with the hardware removed in step 1; torque the bolts to 10 to 12 N·m (86 to 106 in-lb).

10. Install the included control valve bracket assembly to the machine with the hardware removed in step 1; torque the bolts to 10 to 12 N·m (86 to 106 in-lb).

11. Remove the existing coupler from the T-fitting on the T-manifold (Figure 30).



g491711

Figure 30

1. Kit coupler
2. Existing T-fitting
3. Kit T-fitting
4. Existing coupler

12. Apply PTFE sealant to the threads on the included threaded T-fitting, and connect the included T-fitting to the existing T-fitting (Figure 30).

13. Apply PTFE sealant to the threads on the included coupler and connect it to the top of the newly installed T-fitting (Figure 30).

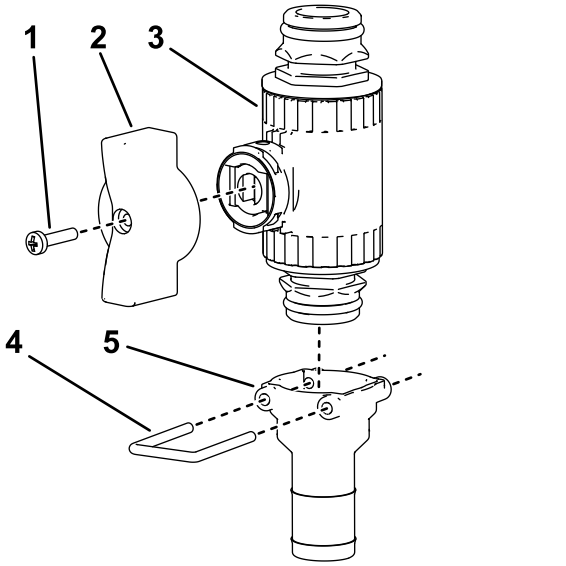
14. Apply PTFE sealant to the threads on the coupler removed in step 11 and connect it to the end of the newly installed T-fitting (Figure 30).

Installing the Control Valve to the Machine

Multi Pro 5800 Turf Sprayers—2024 and After with GeoLink™

Note: Retain all removed parts for later installation unless otherwise noted.

1. Assemble the wing handle and straight fitting to the control valve.
2. Assemble the straight fitting to the control valve using the retainer.

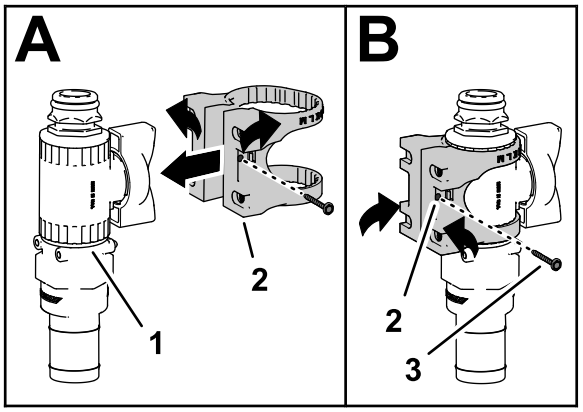


g491707

Figure 31

1. Handle screw (6-32 x 5/8 inch)
2. Wing handle
3. Control valve
4. Retainer
5. Straight fitting

3. Assemble the valve mount onto the control valve as shown in A of Figure 32.
4. Secure the valve mount to the control valve with the flange-head screw (#6), and tighten the screw by hand (B of Figure 32).

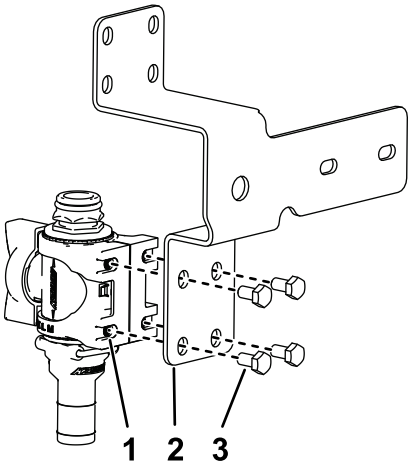


g491708

Figure 32

1. Control valve assembly
2. Valve mount
3. Flange-head screw (#6)

5. Assemble the valve mount to the included control-valve bracket with the 4 flange-head bolts (M6 x 12 mm); torque the bolts to 10 to 12 N·m (86 to 106 in-lb).



g491709

Figure 33

1. Valve mount
2. Control-valve bracket
3. Flange-head bolt (M6 x 12 mm)

6. Remove the retainer that secures the fitting cap and coupler from the end of the valve section ().
7. Install the included T-manifold to the end of the valve section using the retainer used in step 6.
8. Install the fitting cap to the side of the T-manifold installed in step 7; remove the coupler from the fitting cap.
9. Apply PTFE sealant to the threads on the included threaded T-fitting, and connect the T-fitting to the fitting cap (Figure 34).
10. Apply PTFE sealant to the threads on the included kit coupler.

11. Install the kit coupler and the coupler removed in step 8 to the T-fitting.

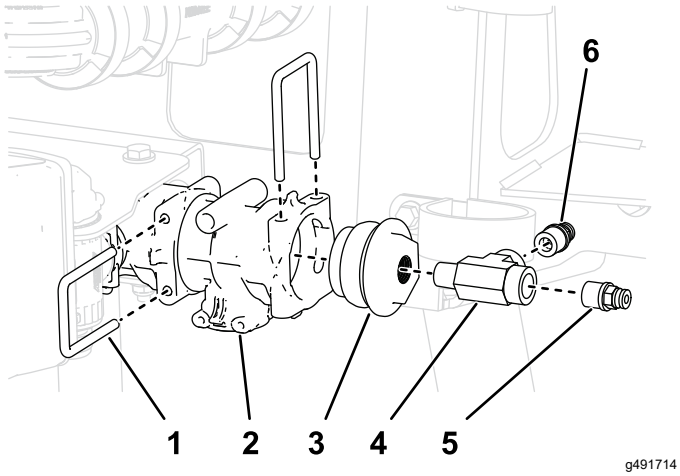


Figure 34

1. Retainer
2. T-manifold
3. Fitting cap
4. Threaded T-fitting
5. Kit Coupler
6. Coupler

12. Connect the control valve assembly to the T-manifold at the end of the valve section using the included retainer (Figure 35).

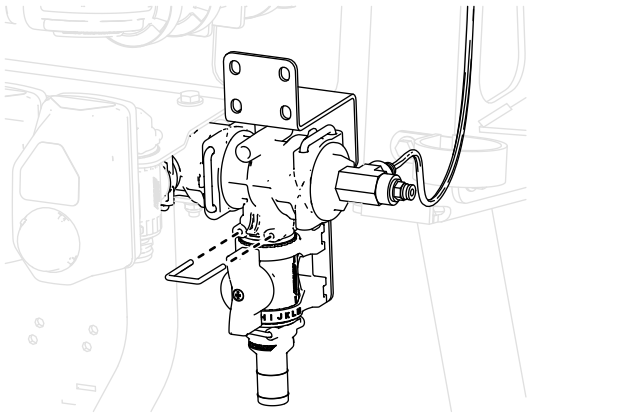


Figure 35

13. Install the control valve bracket assembly to the machine with 2 carriage bolts (1/4-20 x 5/8 inch) and 2 locknuts (1/4-20 inch) as shown in Figure 36; torque the bolts to 10 to 12 N·m (86 to 106 in-lb).

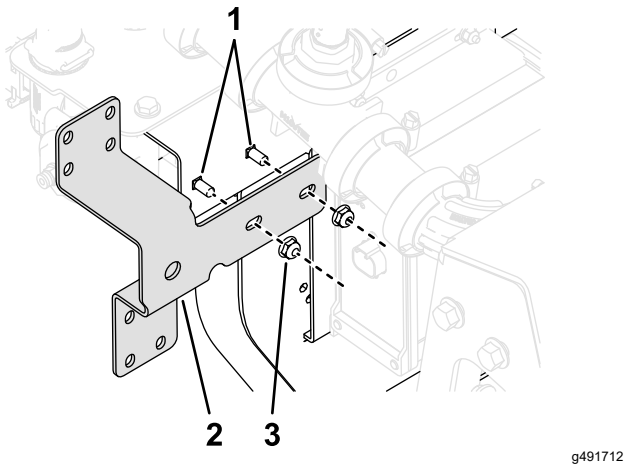


Figure 36

Some parts not shown for clarity.

1. Carriage bolt (1/4-20 x 5/8 inch)
2. Control-valve bracket
3. Locknut (1/4-20 inch)

Preparing to Install the Control Valve

Multi Pro 5800 Turf Sprayers—2023 and Before

1. Disconnect the 3-socket connector for the pressure transducer (Figure 37).

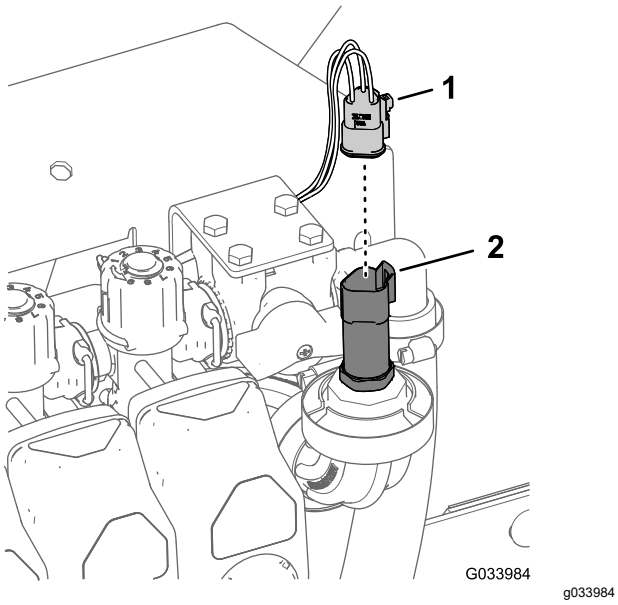


Figure 37

1. 3-socket connector
2. Pressure transducer

2. Remove the flange clamp that secures the pressure transducer to the 90° fitting, and remove the transducer, gasket and flange clamp (Figure 38).

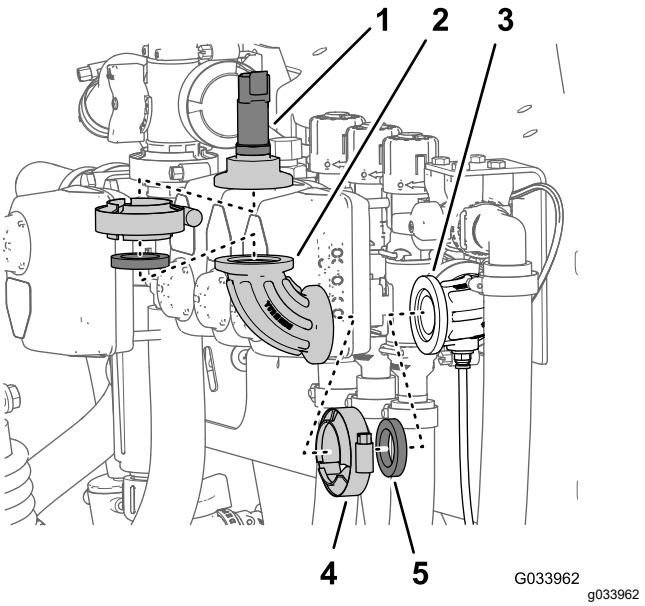


Figure 38

1. Pressure transducer and fitting cap
2. 90° fitting
3. 90° fitting (with a connector for the sense tube)
4. Flange clamp
5. Gasket

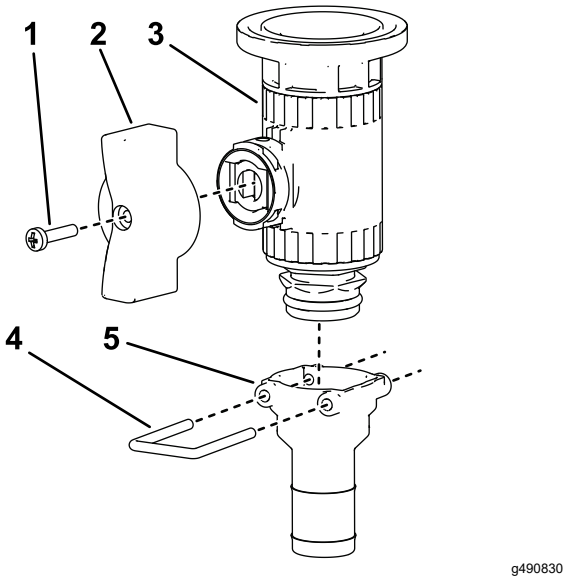
3. Remove the transducer from the fitting cap.
4. Remove the flange clamp that secures 90° fitting to the 90° fitting with a connector for the sense tube, and remove the 90° fitting, gasket and flange clamp (Figure 38)

Assembling the Control Valve

Multi Pro 5800 Turf Sprayers—2023 and Before

Note: Retain all removed parts for later installation.

1. Assemble the wing handle and straight fitting to the flanged control valve (Figure 39).
2. Assemble the straight fitting to the flanged control valve using the retainer as shown in Figure 39.

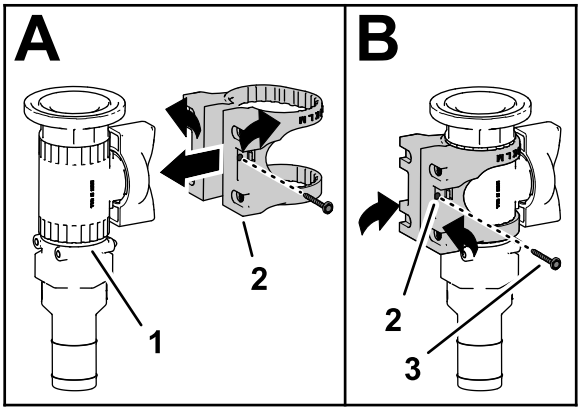


g490830

Figure 39

1. Handle screw (6-32 x 5/8 inch)
2. Wing handle
3. Flanged control valve
4. Retainer
5. Straight fitting

3. Assemble the valve mount onto the flanged control valve as shown in A of Figure 40.

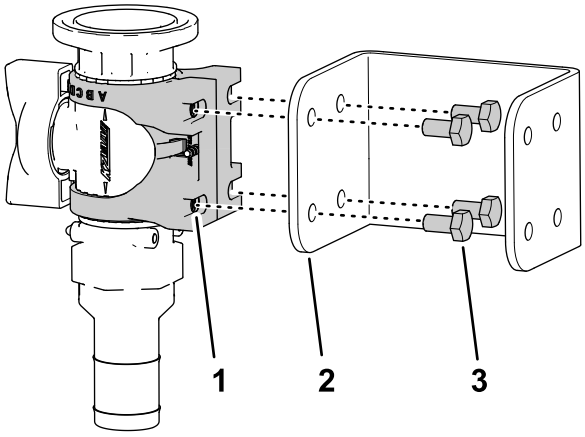


g492085

Figure 40

1. Control valve assembly
2. Valve mount
3. Flange-head screw (#6)

4. Secure the valve mount to the control valve with the flange-head screw (#6), and tighten the screw by hand (B of Figure 40).
5. Assemble the valve mount to the control-valve bracket (Figure 41) with the 4 flange-head bolts (M6 x 12 mm) and 4 flat washers; torque the bolts to 10 to 12 N·m (86 to 106 in-lb).

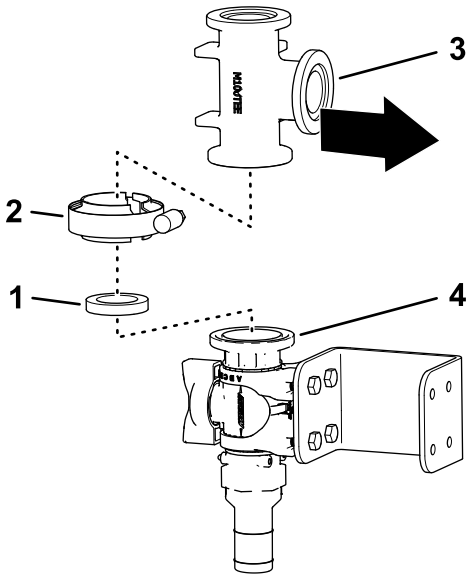


g492082

Figure 41

1. Valve mount
2. Control-valve bracket
3. Flange-head bolt (M6 x 12 mm)

6. Align the flange of the T-fitting to the flange of the control valve as shown in Figure 42.



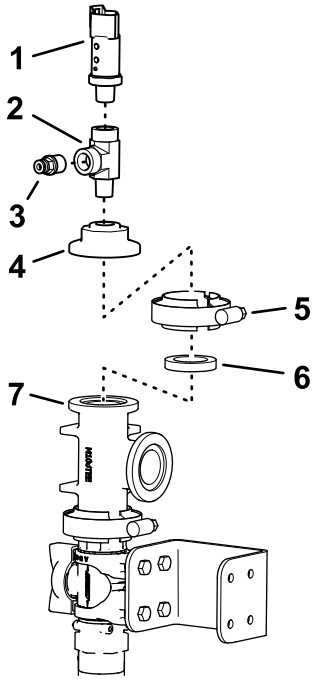
g492083

Figure 42

1. Gasket
2. Flange clamp
3. T-fitting
4. Flange (control valve)

7. Loosely attach the T-fitting to the control valve with a gasket and flange clamp (Figure 42).
8. Apply PTFE sealant to the threads on the coupler and connect the coupler to the T-fitting (Figure 43).
9. Apply PTFE sealant to the threads on the T-fitting and connect the T-fitting to the fitting cap (Figure 43).
10. Assemble the pressure transducer to the T-fitting as shown in Figure 43.

11. Assemble the fitting cap and transducer assembly to the control valve with a gasket and flange clamp, and tighten the clamp by hand (Figure 43).



g490831

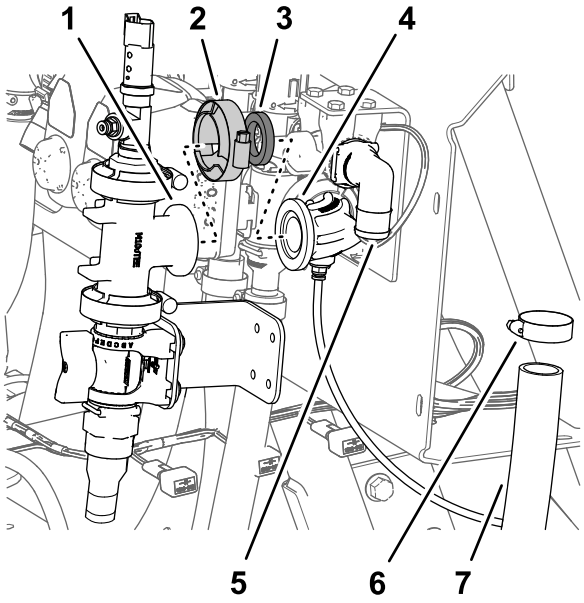
Figure 43

1. Pressure transducer
2. Threaded T-fitting
3. Coupler
4. Fitting cap
5. Flange clamp
6. Gasket
7. Flange (control valve)

Connecting the Control Valve Assembly

Multi Pro 5800 Turf Sprayers—2023 and Before

1. Loosely assemble the T-fitting and the 90° fitting with a gasket and a flange clamp (Figure 44).



g490832

Figure 44

1. Flange (T-fitting)
2. Flange clamp
3. Gasket
4. 90° fitting (with a connector for the sense tube)
5. 90° fitting (section-valve bypass)
6. Hose clamp
7. Hose (section-valve bypass)

2. Assemble the control-valve bracket to the manifold mount (Figure 45) with 4 flange-head bolts (1/4-20 x 5/8 inch) and 4 flange locknuts (1/4-20 inch); torque the bolts to 10 to 12 N·m (86 to 106 in-lb).

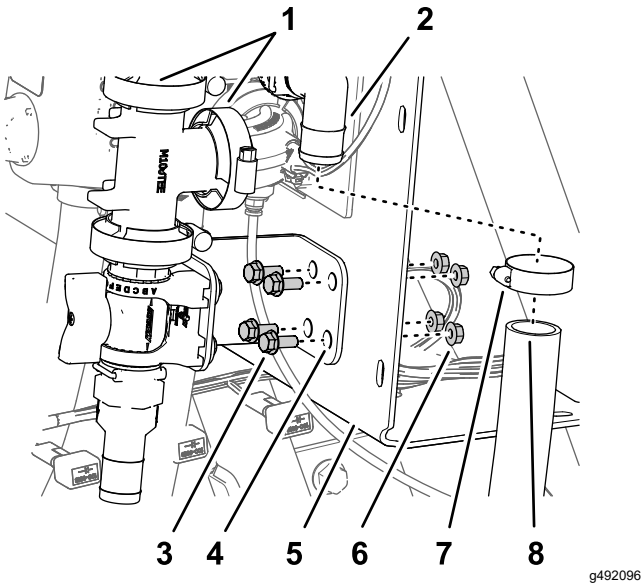


Figure 45

1. Flange clamps (with gasket)
2. 90° fitting (section-valve bypass)
3. Flange-head bolt (1/4-20 x 5/8 inch)
4. Control-valve bracket
5. Manifold mount
6. Flange locknut (1/4-20 inch)
7. Hose clamp
8. Hose (section-valve bypass)

3. Tighten by hand the flange clamp that secures the control valve and the T-fitting (Figure 42) and the flange clamp that secures T-fitting to the 90° fitting (Figure 45).
4. Connect the 3-socket connector for the pressure transducer (Figure 46).

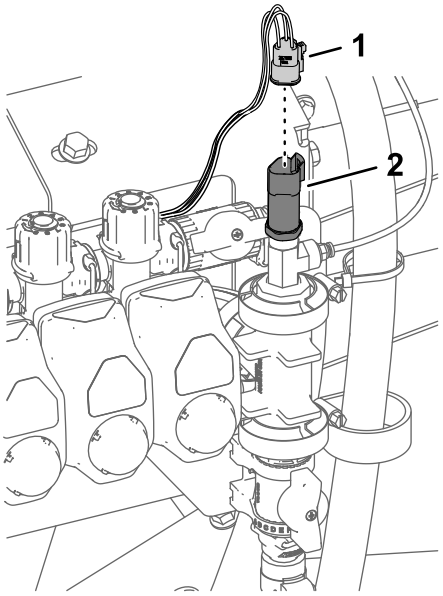


Figure 46

1. 3-socket connector
2. Pressure transducer

7

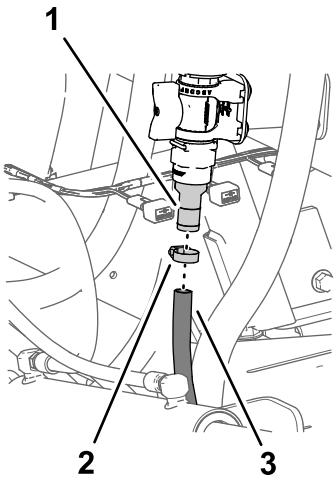
Connecting the Supply Hose and Pressure-Sense Tube

Parts needed for this procedure:

1	R-clamp
1	Flange-head bolt (1/4-20 x 3/4 inch)
1	Flange locknut (1/4-20 inch)
1	Pressure transducer tube
2	Hose clamp
3	Cable tie

Procedure

1. Assemble the spray-wand hose onto the straight fitting of the control valve, and secure the hose to the fitting with a hose clamp (Figure 47).

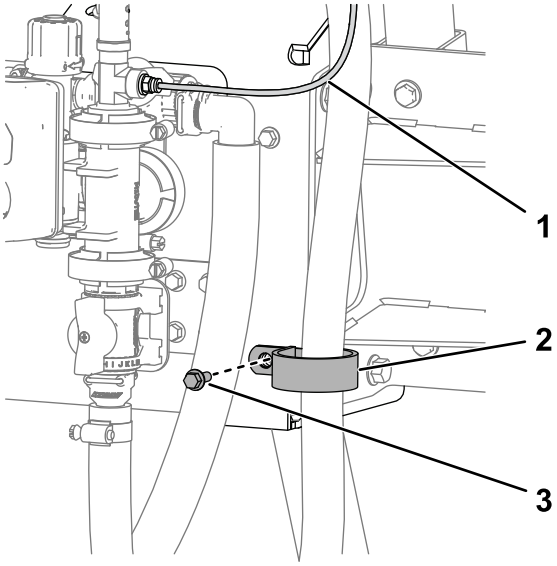


g492097

Figure 47

1. Barbed-hose fitting (control valve)
2. Hose clamp
3. Spray-wand hose

2. Secure the hose 180 cm (71 inches) to the lower hole in the bracket using the R-clamp, flange-head bolt (1/4-20 x 3/4 inch), and flange locknut (1/4-20 inch) as shown in Figure 48.



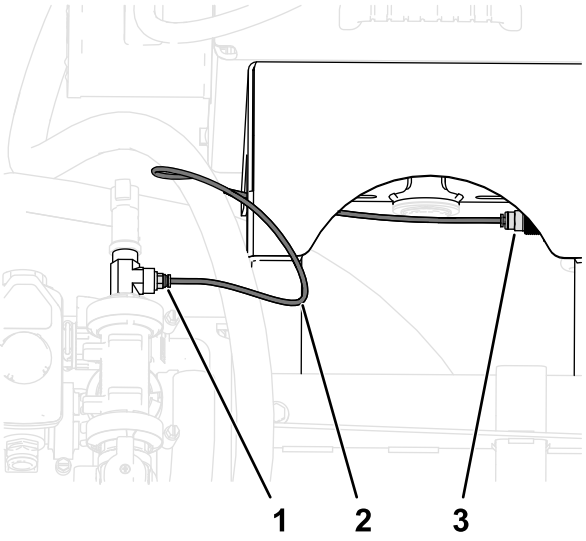
g490834

Figure 48

2023 and Before Models Shown

1. Pressure transducer tube
2. R-clamp
3. Flange-head bolt (1/4-20 x 3/4 inch)

3. Connect the pressure transducer tube to the coupling at the pressure gauge (Figure 49).



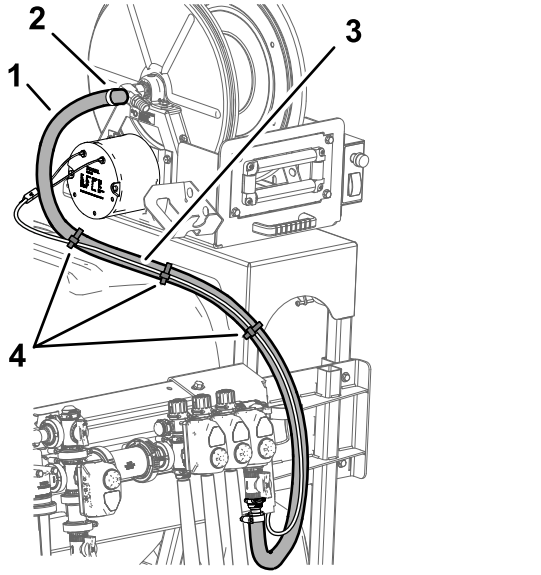
g492099

Figure 49

2023 and Before Models Shown

1. Coupler (T-fitting)
2. Pressure transducer tube
3. Coupler (pressure gauge)

4. Connect the hose 180 cm (71 inches) to the barbed-hose fitting on the hose reel assembly and secure the hose to the fitting with a hose clamp as shown in Figure 50.



g466004

Figure 50

2023 and Before Models Shown

1. Hose (71 inches)
2. Hose clamp
3. Wire harness
4. Cable ties

5. Secure the wire harness for the pivoting hose-reel kit the to the supply hose for the reel using 3 cable ties (Figure 50).

8

Connecting the Spray Hose

Parts needed for this procedure:

1	Spray-gun hose with fitting
1	Spray gun
1	Small hose clamp

Procedure

1. Apply PTFE sealant to the threads of the hose fitting on the long hose, and install the fitting into the connecting tube on the reel (Figure 51).

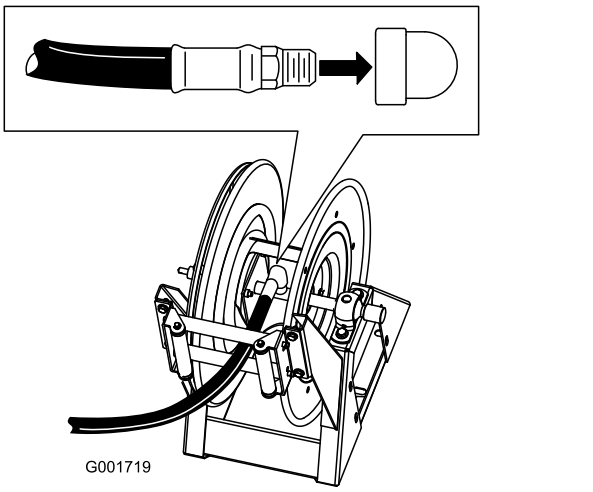


Figure 51

2. Connect the free end of the long hose to the fitting on the spray gun (Figure 52).

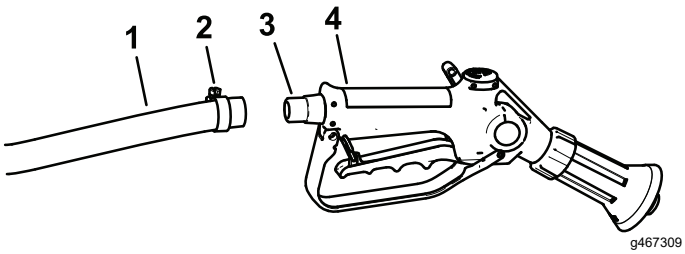


Figure 52

1. Hose
2. Hose clamp
3. Barb
4. Spray gun

3. Secure the end of the hose with a small hose clamp.
4. Connect the battery cables as follows:

⚠ WARNING

Incorrect battery cable routing could damage the machine and cables, causing sparks. Sparks can cause the battery gasses to explode, resulting in personal injury.

- **Always disconnect the negative (black) battery cable before disconnecting the positive (red) cable.**
- **Always connect the positive (red) battery cable before connecting the negative (black) cable.**

A. Connect the positive battery cable to the positive post of the battery; refer to the *Operator's Manual*.

B. Connect the negative battery cable to the negative post of the battery; refer to the *Operator's Manual*.

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.

⚠ CAUTION

Hands, loose clothing, long hair, and loose 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 loose jewelry and tie up long hair.**

9

Checking the Pivoting Hose Reel for Leaks

No Parts Required

Procedure

⚠ WARNING

Fluid escaping the sprayer system under pressure can penetrate skin and cause injury.

- **Make sure that all hoses and lines are in good condition and all connections and fittings are tight before applying pressure to the sprayer system.**
- **Keep your body and hands away from pin hole leaks or nozzles that eject high-pressure fluid.**
- **Use cardboard or paper to find fluid leaks.**
- **Safely relieve all pressure in the sprayer system before performing any work on the sprayer system.**
- **Seek immediate medical attention if fluid is injected into skin.**

1. Partially fill the sprayer tank with clean water.
2. Start the engine, set the engine speed to the half-throttle position, and set the switch for the sprayer pump to the ON position; refer to the *Operator's Manual*.
3. Ensure the control valve at the end of the section manifold is open.
4. Check for leaks at the manifold, control valve, and hose.
5. Use the rate switch in the switch box to raise the sprayer system pressure at the hose reel.
6. Check the following components for leaks:
   - fittings and couplings
   - pressure gauge and hose-reel valve
   - tubes, hoses, and spray gun

   Note: Repair all leaks before operating the sprayer system.
7. Close the control valve for the hose reel, set the switch for the sprayer pump to the OFF position, and shut off the engine.

Operation

⚠ WARNING

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 that all fluid hoses and lines are in good condition and that 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.**

Important: **Always empty and clean the sprayer immediately after each use. Failure to do so may cause the chemicals to dry or thicken in the lines, clogging the pump and other components.**

Clean the spray system after **each** spraying session. To properly clean the spray system:

- Use 3 separate rinses.
- Use a minimum of 189 L (50 US gallons) for each rinse.
- Use the cleaners and neutralizers as recommended by the chemical manufacturers.
- Use clean water (no cleaners or neutralizers) for the **last** rinse.

Switching from Boom-Spray Mode to Hand-Spray Mode

⚠ WARNING

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

1. Stop the machine, turn the booms off, and set the parking brake.
2. At the back of the machine, ensure that the trigger lock on the spray gun is locked.
3. Flip the lever on the control valve to the OPEN position.
4. At the operator's position, turn on the pump.
5. Switch the master boom to the ON position.
6. Set the engine to the desired speed, then set the neutral engine-speed lock.

   Important: **Do not use a pressure setting higher than 1034 kPa (150 psi) with the hand sprayer.**

Spraying with the Hand Sprayer

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

   Important: **Do not pull out the hose with the spray gun. Always hold onto the hose and pull on it directly. Pulling out 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 you are finished.

Switching from Hand-Spray Mode to Boom-Spray Mode

⚠ CAUTION

Hands, loose clothing, long hair, and loose 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 loose jewelry and tie up long hair.**

1. Press the rewind button on the hose reel until only a few feet of hose is out of the reel.
2. Flip the lever on the control valve to the CLOSED position.
3. 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.
4. Return the spray gun to the holder on the back of the reel.
5. Return the engine to idle speed.
6. Stop the pump.

   Important: **Ensure that you flush the spray gun with fresh clean water during your daily cleaning routine (refer to your sprayer *Operator's Manual*). Failure to properly clean the spray gun may degrade the performance and reliability of the hose reel kit and spray gun.**
7. Use the rate switch to set the desired pressure.

Notes:

Notes:

Declaration of Incorporation

The Toro Company, 8111 Lyndale Ave. South, Bloomington, MN, USA declares that the following unit(s) conform(s) to the directives listed, when installed in accordance with the accompanying instructions onto certain Toro models as indicated on the relevant Declarations of Conformity.

Model No.	Serial No.	Product Description	Invoice Description	General Description	Directive
41621	416400000 and Up	Pivoting Hose Reel Kit, 2015 and After Multi-Pro 5800 Turf Sprayer	MP5800 PIVOTING HOSE REEL	Sprayer Accessory	2006/42/EC and 2014/30/EU

Relevant technical documentation has been compiled as required per Part B of Annex VII of 2006/42/EC.

We will undertake to transmit, in response to requests by national authorities, relevant information on this partly completed machinery. The method of transmission shall be electronic transmittal.

This machinery shall not be put into service until incorporated into approved Toro models as indicated on the associated Declaration of Conformity and in accordance with all instructions, whereby it can be declared in conformity with all relevant Directives.

Certified:

Tom Langworthy
Engineering Director
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
April 5, 2024

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro Europe NV
Nijverheidsstraat 5
2260 Oevel
Belgium

UK Declaration of Incorporation

The Toro Company, 8111 Lyndale Ave. South, Bloomington, MN, USA declares that the following unit(s) conform(s) to the directives listed, when installed in accordance with the accompanying instructions onto certain Toro models as indicated on the relevant Declarations of Conformity.

Model No.	Serial No.	Product Description	Invoice Description	General Description	Regulation
41621	416400000 and Up	Pivoting Hose Reel Kit, 2015 and After Multi-Pro 5800 Turf Sprayer	MP5800 PIVOTING HOSE REEL	Sprayer Accessory	S.I. 2008 No. 1597, S.I. 2016 No. 1091

Relevant technical documentation has been compiled as required per Schedule 10.

We will undertake to transmit, in response to requests by national authorities, relevant information on this partly completed machinery. The method of transmission shall be electronic transmittal.

This machinery shall not be put into service until incorporated into approved Toro models as indicated on the associated Declaration of Conformity and in accordance with all instructions, whereby it can be declared in conformity with all relevant Directives.

This declaration has been issued under the sole responsibility of the manufacturer.
The object of the declaration is in conformity with relevant UK legislation.

Tom Langworthy
Engineering Director
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
April 5, 2024

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro U.K. Limited
Spellbrook Lane West
Bishop's Stortford
CM23 4BU
United Kingdom

The Toro Warranty

Two-Year or 1,500 Hours Limited Warranty

Conditions and Products Covered

The Toro Company warrants your Toro Commercial product (“Product”) to be free from defects in materials or workmanship for 2 years or 1,500 operational hours*, whichever occurs first. This warranty is applicable to all products with the exception of Aerators (refer to separate warranty statements for these products). Where a warrantable condition exists, we will repair the Product at no cost to you including diagnostics, labor, parts, and transportation. This warranty begins on the date the Product is delivered to the original retail purchaser.
* Product equipped with an hour meter.

Instructions for Obtaining Warranty Service

You are responsible for notifying the Commercial Products Distributor or Authorized Commercial Products Dealer from whom you purchased the Product as soon as you believe a warrantable condition exists. If you need help locating a Commercial Products Distributor or Authorized Dealer, or if you have questions regarding your warranty rights or responsibilities, you may contact us at:

Toro Commercial Products Service Department
8111 Lyndale Avenue South
Bloomington, MN 55420-1196

952–888–8801 or 800–952–2740
E-mail: commercial.warranty@toro.com

Owner Responsibilities

As the product owner, you are responsible for required maintenance and adjustments stated in your *Operator's Manual*. Repairs for product issues caused by failure to perform required maintenance and adjustments are not covered under this warranty.

Items and Conditions Not Covered

Not all product failures or malfunctions that occur during the warranty period are defects in materials or workmanship. This warranty does not cover the following:

- Product failures which result from the use of non-Toro replacement parts, or from installation and use of add-on, or modified non-Toro branded accessories and products.
- Product failures which result from failure to perform recommended maintenance and/or adjustments.
- Product failures which result from operating the Product in an abusive, negligent, or reckless manner.
- Parts consumed through use that are not defective. Examples of parts which are consumed, or used up, during normal Product operation include, but are not limited to, brake pads and linings, clutch linings, blades, reels, rollers and bearings (sealed or greasable), bed knives, spark plugs, castor wheels and bearings, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, flow meters, and check valves.
- Failures caused by outside influence, including, but not limited to, weather, storage practices, contamination, use of unapproved fuels, coolants, lubricants, additives, fertilizers, water, or chemicals.
- Failure or performance issues due to the use of fuels (e.g. gasoline, diesel, or biodiesel) that do not conform to their respective industry standards.
- Normal noise, vibration, wear and tear, and deterioration. Normal “wear and tear” includes, but is not limited to, damage to seats due to wear or abrasion, worn painted surfaces, scratched decals or windows.

Parts

Parts scheduled for replacement as required maintenance are warranted for the period of time up to the scheduled replacement time for that part. Parts replaced under this warranty are covered for the duration of the original product warranty and become the property of Toro. Toro will make the final decision whether to repair any existing part or assembly or replace it. Toro may use remanufactured parts for warranty repairs.

Deep Cycle and Lithium-Ion Battery Warranty

Deep cycle and Lithium-Ion batteries have a specified total number of kilowatt-hours they can deliver during their lifetime. Operating, recharging, and maintenance techniques can extend or reduce total battery life. As the batteries in this product are consumed, the amount of useful work between charging intervals will slowly decrease until the battery is completely worn out. Replacement of worn out batteries, due to normal consumption, is the responsibility of the product owner.
Note: (Lithium-Ion battery only): Refer to the battery warranty for additional information.

Lifetime Crankshaft Warranty (ProStripe 02657 Model Only)

The Prostripe which is fitted with a genuine Toro Friction Disc and Crank-Safe Blade Brake Clutch (integrated Blade Brake Clutch (BBC) + Friction Disc assembly) as original equipment and used by the original purchaser in accordance with recommended operating and maintenance procedures, are covered by a Lifetime Warranty against engine crankshaft bending. Machines fitted with friction washers, Blade Brake Clutch (BBC) units and other such devices are not covered by the Lifetime Crankshaft Warranty.

Maintenance is at Owner’s Expense

Engine tune-up, lubrication, cleaning and polishing, replacement of filters, coolant, and completing recommended maintenance are some of the normal services Toro products require that are at the owner’s expense.

General Conditions

Repair by an Authorized Toro Distributor or Dealer is your sole remedy under this warranty.

The Toro Company is not liable for indirect, incidental or consequential damages in connection with the use of the Toro Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of malfunction or non-use pending completion of repairs under this warranty. Except for the Emissions warranty referenced below, if applicable, there is no other express warranty. All implied warranties of merchantability and fitness for use are limited to the duration of this express warranty.

Some states do not allow exclusions of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Note Regarding Emissions Warranty

The Emissions Control System on your Product may be covered by a separate warranty meeting requirements established by the U.S. Environmental Protection Agency (EPA) and/or the California Air Resources Board (CARB). The hour limitations set forth above do not apply to the Emissions Control System Warranty. Refer to the Engine Emission Control Warranty Statement supplied with your product or contained in the engine manufacturer’s documentation.

Countries Other than the United States or Canada

Customers who have purchased Toro products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province, or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact your Authorized Toro Service Center.

Count on it.