



# Tank Rinse Kit

## Multi-Pro 5800 Turf Sprayer

Model No. 41614—Serial No. 315000001 and Up

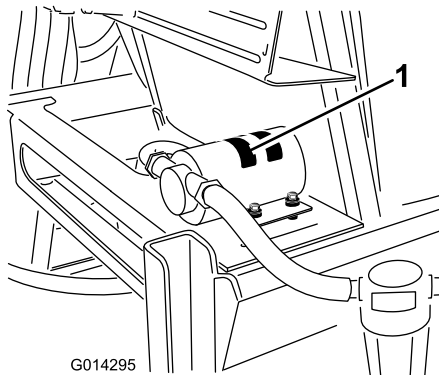
### Installation Instructions

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

The Rinse Kit is designed to remove residual chemicals from a sprayer tank and affected hoses. It is a dedicated attachment for a turf spray application vehicle and is intended to be used by professional, hired operators in commercial applications.

The information in this manual can help you and others avoid injury and product damage.

Figure 1 illustrates the location of the model and serial numbers on the product.



**Figure 1**

1. Model and serial number plate

Model No. _____
Serial No. _____

## Safety

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

## Chemical Safety

### ⚠ WARNING

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

- Carefully read and follow the chemical warning labels and material safety data sheets (MSDS) for all chemicals used and protect yourself according to the chemical manufacturer's recommendations. For example, use appropriate personal protective equipment (PPE) including face and eye protection, gloves, or other equipment to guard against personal contact with the chemical.
- Keep in mind that there may be more than one chemical used and information on each should be assessed.
- *Refuse to operate or work on the sprayer if this information is not available!*
- Before working on a spray system make sure the system has been triple rinsed and neutralized according to the recommendations of the chemical manufacturer(s).
- Verify there is an adequate supply of clean water and soap nearby, and immediately wash off any chemicals that contact you.
- Obtain proper training before using or handling chemicals.
- Use the correct chemical for the job.
- Follow the chemical manufacturer's instructions for the safe application of the chemical.
- Handle chemicals in a well ventilated area.
- Wear goggles and other protective equipment as instructed by the chemical manufacturer. Ensure that as little skin as possible is exposed while using chemicals.
- Have clean water available especially when filling the spray tank.



- Do not eat, drink, or smoke while working with chemicals.
- Always wash your hands and other exposed areas as soon as possible after finishing the work.
- Properly dispose of unused chemicals and chemical containers as instructed by the chemical manufacturer and your local codes.
- Chemicals and fumes in the tanks are dangerous; never enter the tank or place your head over or in the opening.
- Follow all local, state, and federal requirements for the spraying of chemicals.

# Installation

## Loose Parts

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

Procedure	Description	Qty.	Use
<b>1</b>	No parts required	–	Prepare the machine.
<b>2</b>	Rinse tank Filler cap Bulkhead fitting Clear gasket Plastic flange nut 90° fitting Retaining fork	1 1 1 1 1 1 1	Install the rinse tank bulkhead fitting.
<b>3</b>	Rinse-tank strap Bolt Washer Locknut Carriage bolt	2 2 4 2 1	Install the rinse tank.
<b>4</b>	Rinse nozzle Bulkhead fitting Shoulder bolt Bushing Rinse vane Gasket Plastic flange nut 90° fitting	2 2 2 2 2 2 2 2	Install the rinse nozzle.
<b>5</b>	Rinse-tank pump Straight fittings	1 2	Install the pump.
<b>6</b>	Hose (rinse nozzle) Hose clamp Tee fitting Hose (supply) Filter assembly Hose (rinse tank) Convoluted conduit Cable tie	2 10 1 1 1 1 1 2	Install the hoses and filter.

Procedure	Description	Qty.	Use
7	Delay timer	1	Install the delay timer and dash switch.
	Fuse (40 A)	1	
	3-position switch (with indicator light—2015 models and before machines)	1	
	3-position switch (without indicator light—2016 models and after machines)	1	
	Relay	1	
	Power relay	1	
	Screw #10–24	2	
8	No parts required	–	Finish the rinse tank kit installation.

# 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. Move the machine onto a level surface, set the parking brake, stop the pump, shutoff the engine, and remove the ignition key.

2. Remove the strap and cover from the battery box; refer to the *Operator's Manual* for your machine.
3. Drain the contents of the tank to remove any solution in the lines; refer to the *Operator's Manual* for more information.

**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.

**Note:** Take caution while disconnecting any hoses during the installation of this kit and have a catch bucket ready for any solutions remaining in the hose.

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*.

#### ⚠ 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.

# 2

## Installing the Rinse Tank Bulkhead Fitting

### Parts needed for this procedure:

1	Rinse tank
1	Filler cap
1	Bulkhead fitting
1	Clear gasket
1	Plastic flange nut
1	90° fitting
1	Retaining fork

### Procedure

1. Locate the rinse tank and filler cap, and the bulkhead fitting in the bag of loose parts.
2. Install the bulkhead fitting into the hole at the bottom of the rinse tank as follows:
  - A. Install a clear gasket onto the bulkhead fitting.
  - B. Attach a wire, longer than the tank is tall, to one of the retaining fork holes in the bulkhead fitting (Figure 2).

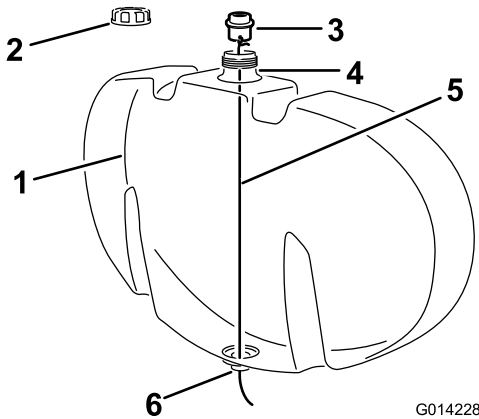


Figure 2

- |                     |                                     |
|---------------------|-------------------------------------|
| 1. Rinse tank       | 4. Filler opening of the rinse tank |
| 2. Filler cap       | 5. Wire                             |
| 3. Bulkhead fitting | 6. Bottom hole of the rinse tank    |

- C. Remove the rinse tank filler cap (Figure 2).
- D. Lower the wire through the opening in the tank fill hole and route it through the open hole at the bottom of the tank (Figure 2).
- E. Use the wire to guide the bulkhead fitting to the open hole at the bottom of the tank (Figure 3).

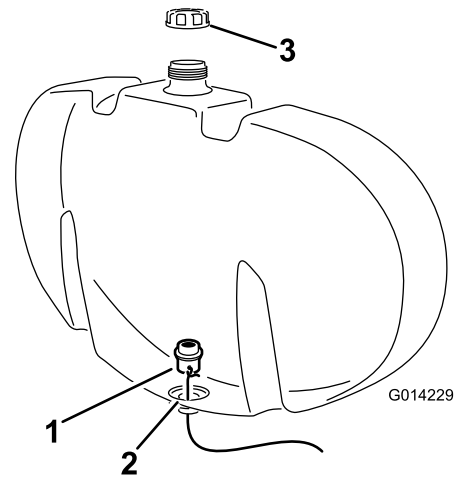


Figure 3

1. Bulkhead fitting with the wire attached
2. Bottom hole of the rinse tank
3. Filler cap

- F. Move the bulkhead fitting into position making sure that the clear gasket seats against the interior wall of the rinse tank (Figure 3).

3. Secure the bulkhead fitting to the rinse tank with a plastic flange-nut (Figure 4).

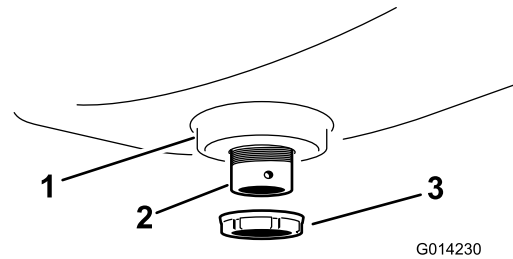


Figure 4

1. Rinse-tank sump
2. Bulkhead fitting (installed)
3. Plastic flange nut

4. Install a 90° fitting to the bulkhead fitting, and secure the 90° fitting with a retaining fork (Figure 5).

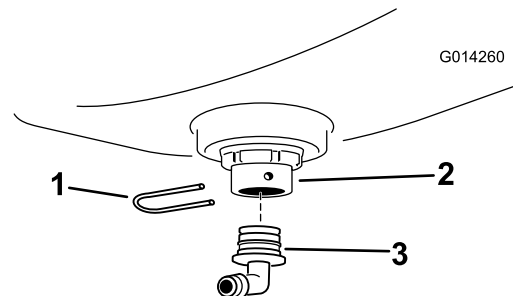


Figure 5

1. Retaining fork
  2. Bulkhead fitting
  3. 90° fitting
5. Rotate the fitting so that it faces rearward.

# 3

## Installing the Rinse Tank

Parts needed for this procedure:

2	Rinse-tank strap
2	Bolt
4	Washer
2	Locknut
1	Carriage bolt

### Preparing the Tank

1. Loosen the bolts securing the valve mounting rail to the frame (Figure 6).

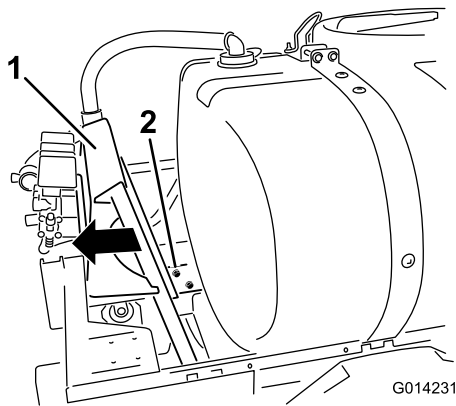


Figure 6

1. Mounting rail
2. Bolt

2. Move the mounting rail rearward.

**Note:** This is a small adjustment that allows space for installing the rinse tank.

3. Tighten the bolts to secure the mounting rail in this position on the frame.
4. Torque the bolts to 40 N·m (30 ft-lb).
5. Disconnect the supply hose at the rear and top of the main tank (Figure 7).

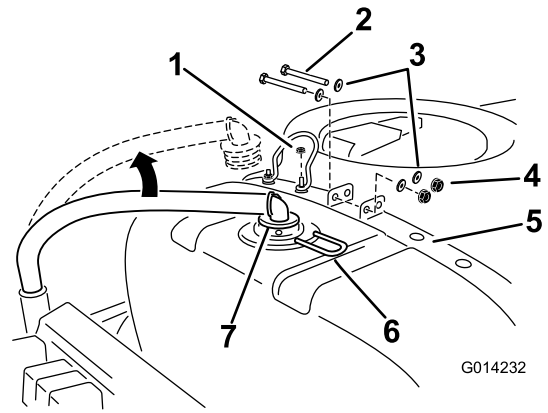


Figure 7

1. Locknut
2. Bolt
3. Washer
4. Locknut
5. Right-rear tank strap
6. Retaining fork
7. Supply hose

6. Remove the retaining fork securing the fitting and remove the hose; retain all parts.
7. Remove the fasteners securing the rear tank straps at the top of the tank; retain all parts.
8. Remove the inboard locknut securing the wire tank lid stop to the left, rear strap; retain locknut.

### Installing the Hardware for the Rinse-Tank Straps

1. Install a carriage bolt to the inboard hole on the right rear tank strap (Figure 8).

The carriage bolt on the rear left tank strap should pass through the open loop of the wire tank lid stop.

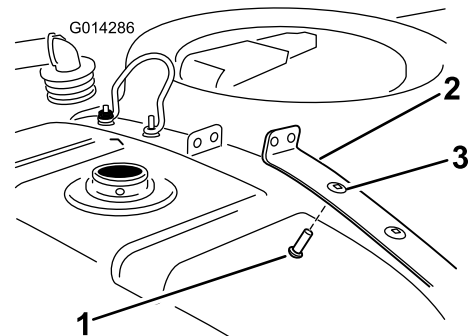


Figure 8

1. Carriage bolt
2. Right-rear tank strap
3. Inboard hole

2. Install the tank strap fasteners removed previously to secure the straps to the tank.

Make sure that the strap is secure to the tank. **Do not overtighten.**

# Installing the Rinse Tank

1. Install the rinse tank as shown in [Figure 9](#).

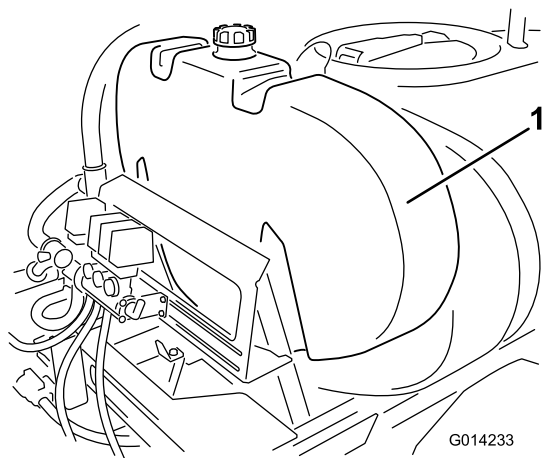


Figure 9

1. Rinse tank

2. Install the rinse-tank straps to the hardware installed previously on the rear strap tank straps.

**Note:** The wire tank lid stop needs to be installed over the left rinse-tank strap and the main tank strap; then secured with the locknut.

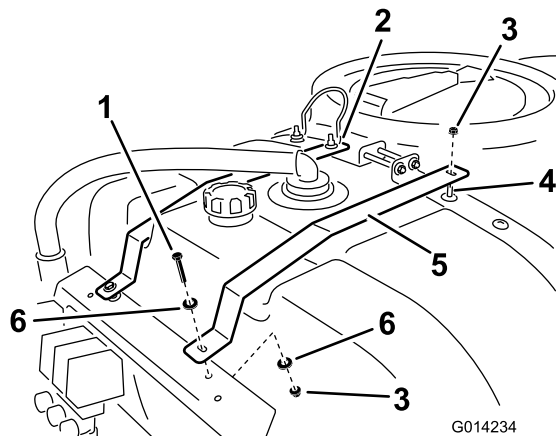


Figure 10

- |                       |                     |
|-----------------------|---------------------|
| 1. Bolt               | 4. Carriage bolt    |
| 2. Tank lid stop wire | 5. Rinse-tank strap |
| 3. Locknut            | 6. Washer           |

3. Secure the rinse-tank straps to the rear tank strap with 2 locknuts.
4. Secure the rinse-tank straps to the mounting rail using 2 bolts, 4 washers, and 2 locknuts.

**Note:** Carefully tighten the fasteners. The rinse tank must be seated and secure but the straps should not deform or warp the tank.

5. Replace the supply hose at the rear of the tank and secure it with the retaining fork removed previously.

**Note:** Once the rinse tank has been initially filled, check and tighten the rinse-tank strap fasteners , if necessary, as the weight of the liquid can further seat the tank against the frame.

## 4

# Installing the Rinse Nozzles

## Parts needed for this procedure:

2	Rinse nozzle
2	Bulkhead fitting
2	Shoulder bolt
2	Bushing
2	Rinse vane
2	Gasket
2	Plastic flange nut
2	90° fitting

# Drilling the Main Tank

1. Open the tank lid and remove the strainer basket.
2. Locate the 2 drill marks in the main tank ([Figure 11](#)).

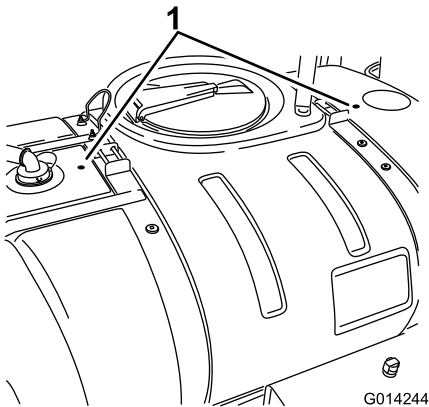


Figure 11

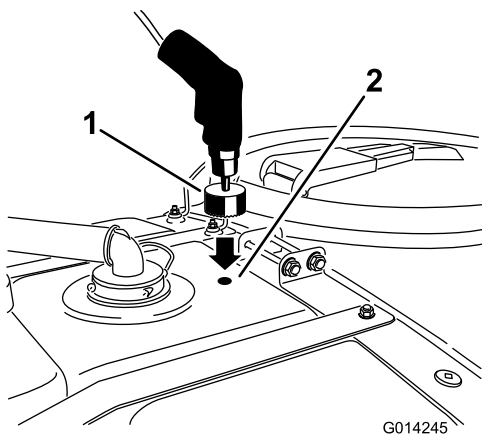
1. Drill marks

3. Move to the drill mark behind the tank lid.

**Note:** Place a receptacle inside the tank, below the areas to be drilled, to catch any debris created during the cutting.

**Important:** Debris left inside a tank could clog and damage the spray system during operation.

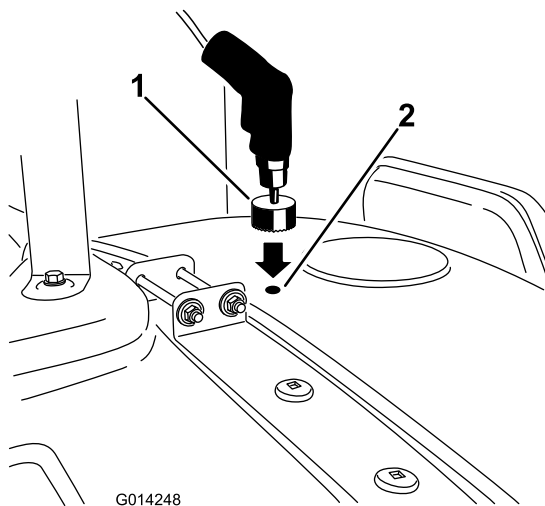
4. Use a 4.5 cm (1-3/4 inch) hole saw to drill a hole at the drill mark ([Figure 12](#)).



**Figure 12**

1. Hole saw
2. Drill mark, behind the lid

5. After drilling the hole, remove any rough edges in the cut.
6. Remove any debris that entered the main tank during the cutting process.
7. Move to the drill mark in front of the tank lid and repeat the procedure for the forward hole (Figure 13).

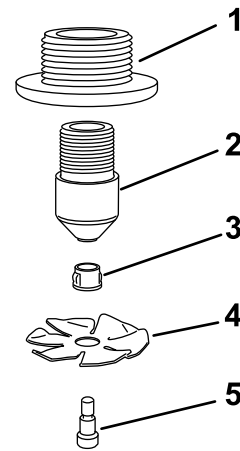


**Figure 13**

1. Hole saw
2. Drill mark, in front of the lid

## Installing the Rinse Nozzles

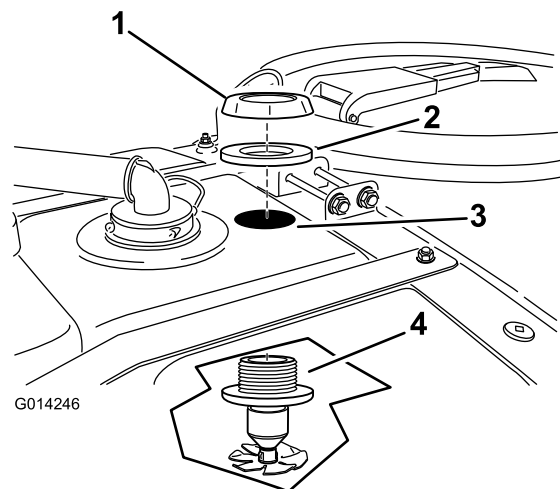
1. Assemble the nozzles as shown in Figure 14.



**Figure 14**

1. Bulkhead fitting
2. Rinse nozzle
3. Bushing
4. Rinse vane
5. Shoulder bolt

- A. Install a rinse vane and bushing over the shoulder bolt.
- B. Install all parts to the rinse nozzle.
- C. Install the rinse-nozzle assembly to the bulkhead.
2. Install a nozzle assembly up through the drilled hole (Figure 15).



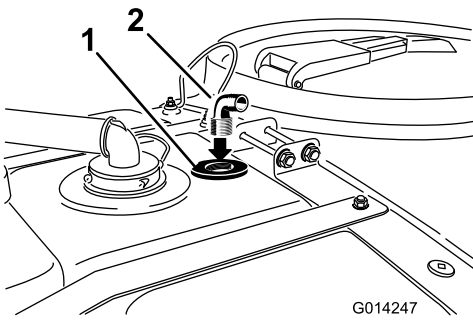
**Figure 15**

1. Plastic flange nut
2. Gasket
3. Hole (previously drilled)
4. Rinse-nozzle assembly

3. Install the gasket and plastic flange nut over the exposed threads of the bulkhead on top of the tank (Figure 15).

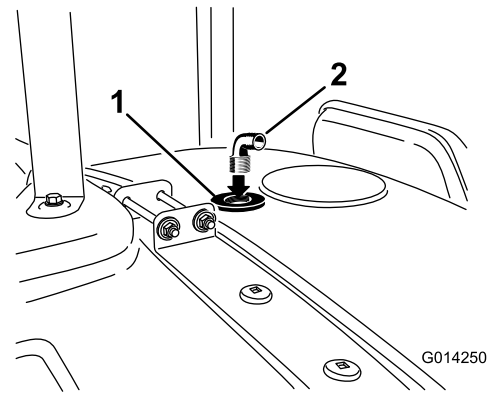
**Note:** Ensure that the seal is seated correctly between the plastic nut and the tank surface.

4. Install the 90° fitting into the threaded opening of the rinse nozzle bulkhead (Figure 16).



**Figure 16**

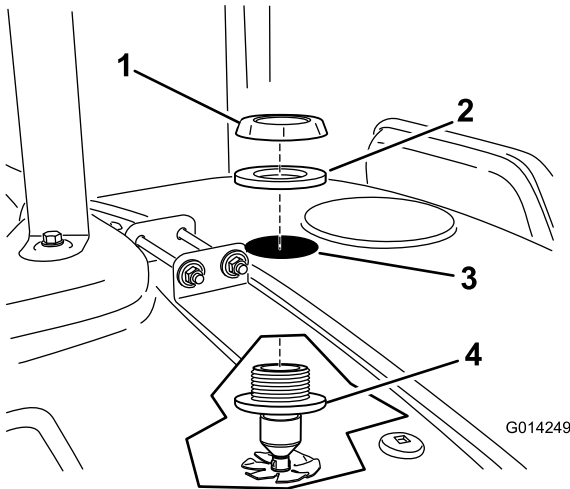
1. Assembly nozzle bulkhead 2. 90° fitting



**Figure 18**

1. Assembly nozzle bulkhead 2. 90° fitting

9. Align the hose barb of the 90° fittings to the right side of the machine.



**Figure 17**

1. Plastic flange nut 2. Gasket  
3. Hole (previously drilled) 4. Rinse-nozzle assembly

7. Install the gasket and plastic flange nut over the exposed threads of the bulkhead on top the tank (Figure 17). Ensure that the seal is seated correctly between the plastic nut and the tank surface.  
8. Install the 90° fitting into the threaded opening of the rinse-nozzle bulkhead (Figure 18).

## 5

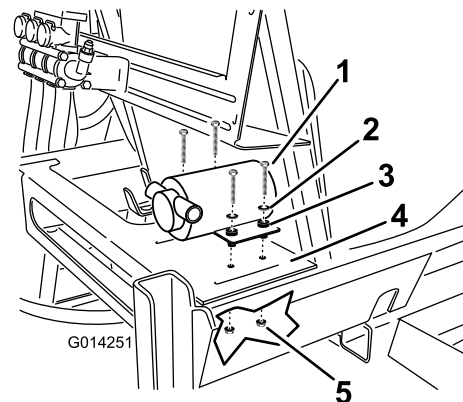
### Installing the Rinse-Tank Pump

#### Parts needed for this procedure:

1	Rinse-tank pump
2	Straight fittings

#### Procedure

1. Assemble the rinse-tank pump to the tank frame on the platform at the rear right side of the main tank as shown in Figure 19.



**Figure 19**

1. Bolt 2. Washer 3. Rinse-tank pump  
4. Tank frame 5. Locknut

2. Secure the rinse-tank pump to the frame using 4 bolts, 4 washers, and 4 locknuts (Figure 19).



3. Locate the straight barb hose connectors in loose parts and install the connector to the inlet and outlet openings of the rinse-tank pump (Figure 20).

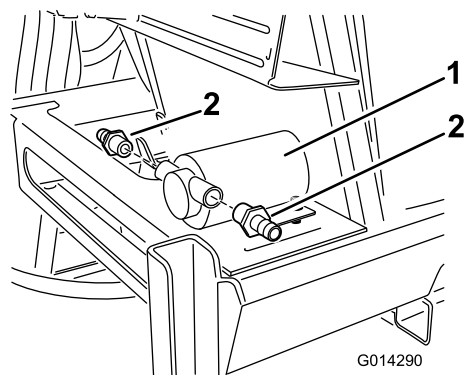


Figure 20

1. Rinse-tank pump
2. Straight connector

4. Locate the wire harness of the rinse-tank pump.
5. Locate the connector labeled RINSE PUMP on the main wire harness at the rear of the tank.
6. Connect the rinse-tank pump to the main wire harness.

# 6

## Installing the Hoses and Filter

Parts needed for this procedure:

2	Hose (rinse nozzle)
10	Hose clamp
1	Tee fitting
1	Hose (supply)
1	Filter assembly
1	Hose (rinse tank)
1	Convolutd conduit
2	Cable tie

## Install the Rinse Nozzle Hoses

**Note:** Lightly lubricate the barbed end of a hose fitting with a non-petroleum based lubricant, such as vegetable oil, to ease the process of installation.

1. Locate a rinse nozzle hose in loose parts.
 

**Note:** There are 3 hoses of the same length, 1 is for the rinse-tank pump supply hose, and 2 are the rinse nozzle hoses.
2. Assemble a hose clamp onto the end of each hose (Figure 21).

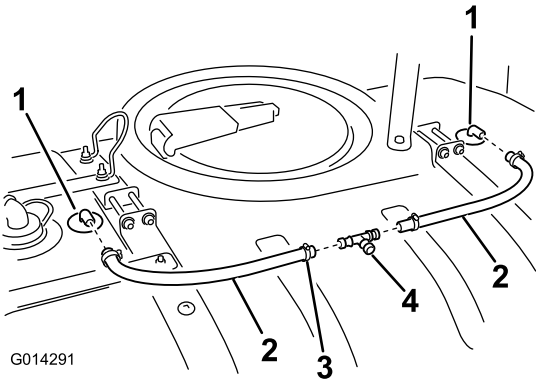


Figure 21

1. Rinse-nozzle barb
2. Rinse-nozzle hose
3. Hose clamp
4. Tee fitting

3. Install a hose over the barb of the rinse nozzle (Figure 21).

Repeat the procedure for the other rinse nozzle barb.

4. Slide a hose clamp over the barb and tighten to secure.

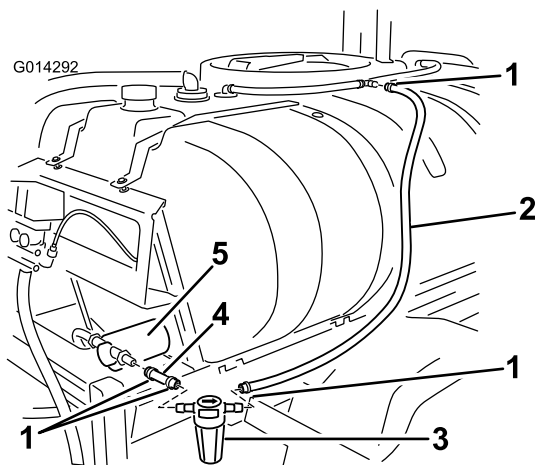
Repeat this procedure for the other rinse nozzle.

## Installing the Tee Fitting

1. Locate the tee fitting in loose parts.
2. Install the tee fitting to the open ends of the rinse nozzle hoses installed previously as shown in Figure 21.
3. Slide the hose clamps over the barb and tighten to secure.

## Installing the Supply Hose

1. Locate the long supply hose in loose parts.
2. Measure 17.8 cm (7 inches) from the end of the hose.
3. Cut the hose at that mark.
4. Install a hose clamp over each end of the longer hose.
5. Install the hose to the open end of the tee fitting installed previously (Figure 22).



**Figure 22**

- |                     |             |
|---------------------|-------------|
| 1. Hose clamp       | 4. Cut hose |
| 2. Long supply hose | 5. Pump     |
| 3. Filter           |             |

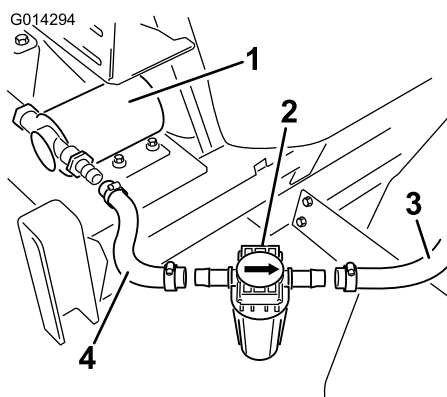
6. Slide the hose clamp over the barb and tighten to secure.
7. Install a hose clamp over each end of the short hose.
8. Install an open end of short hose over the straight barb coming from the pump.
9. Slide the hose clamps over the barb and tighten to secure.

## Installing the Filter

1. Locate the filter assembly in loose parts.

**Note:** Note the directional arrow of the filter assembly.

2. Install the in-line filter to the open ends of the hoses coming from the pump and to the rinse nozzles (Figure 23).



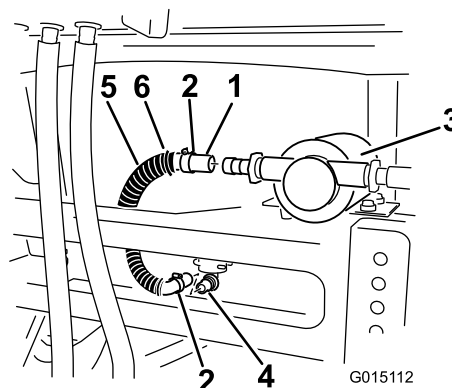
**Figure 23**

- |           |                     |
|-----------|---------------------|
| 1. Pump   | 3. Long supply hose |
| 2. Filter | 4. Cut hose         |

3. Slide the hose clamps of the supply hose over the barbs of the filter assembly and tighten to secure.

## Installing the Rinse Tank Hose

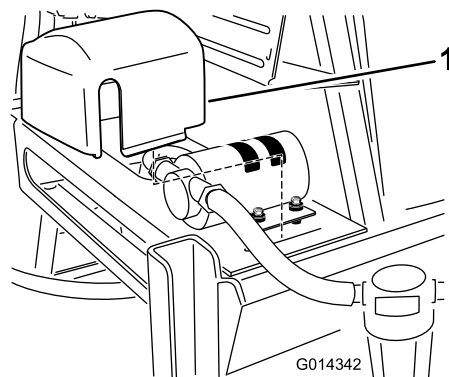
1. Locate the rinse tank hose in loose parts.
2. Install a hose clamp over the end of the hose.
3. Install one end of the hose to the 90° fitting at the bottom of the rinse tank (Figure 24).



**Figure 24**

- |               |                       |
|---------------|-----------------------|
| 1. Rinse hose | 4. Rinse tank fitting |
| 2. Hose clamp | 5. Convoluted conduit |
| 3. Pump       | 6. Cable tie          |

4. Slide the hose clamp over the barb and tighten to secure.
5. Slide the convoluted conduit over the hose to protect it from rubbing on the frame member.
6. Install the other end of the hose over the straight barb going to the pump.
7. Slide the hose clamps over the barb and tighten to secure.
8. Secure the convoluted conduit to the hose at both ends with 2 cable ties.
9. Locate the cover for the rinse-tank pump in loose parts.
10. Install the cover over the pump and insert the cover tabs into the slots in the frame member (Figure 25).



**Figure 25**

1. Pump cover

# 7

## Installing the Delay Timer and Dash Switch

### Parts needed for this procedure:

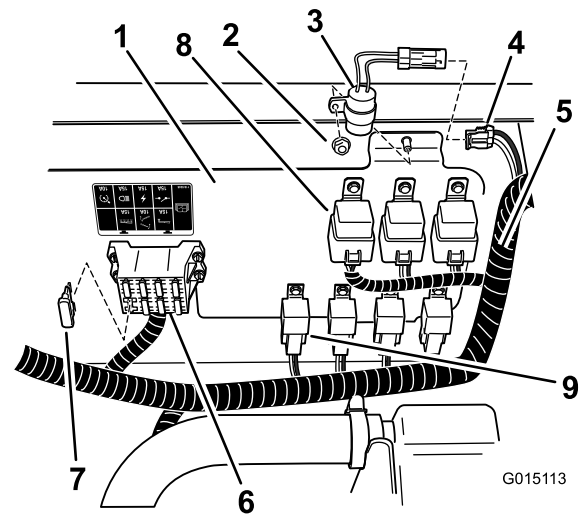
1	Delay timer
1	Fuse (40 A)
1	3-position switch ( <b>with</b> indicator light—2015 models and before machines)
1	3-position switch ( <b>without</b> indicator light—2016 models and after machines)
1	Relay
1	Power relay
2	Screw #10–24

## Installing the Delay Timer, Relays, and Fuse

1. Raise the operator seat to access the electronic components under the seat.
2. For 2015 and before machines, perform the following:

**Note:** You do not need the delay time for 2016 and after machines.

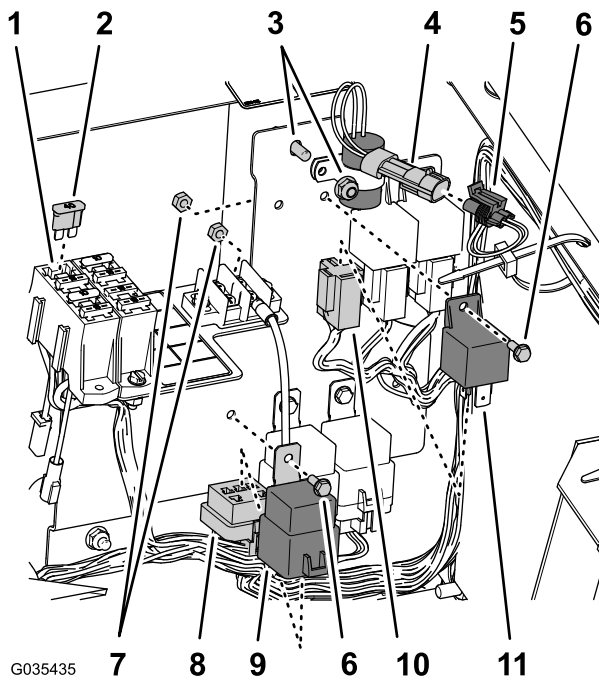
- A. Install the delay timer to the location shown in [Figure 26](#) or [Figure 27](#) with the locknut from the electrical panel.
- B. Connect the timer to the 2-socket connector labeled delay timer of the machine wire harness ([Figure 26](#) or [Figure 27](#)).



**Figure 26**

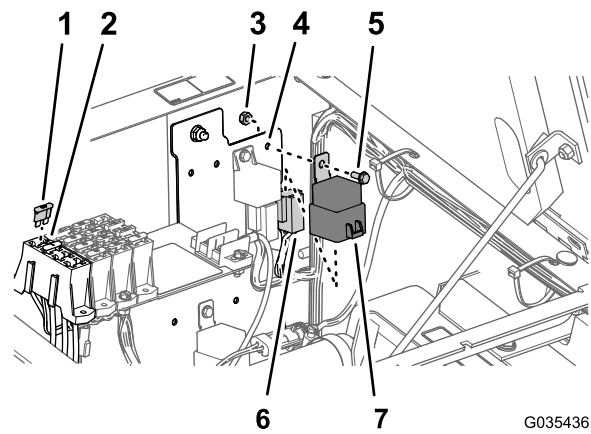
2014 and Before Machines

- |   |                |
|---|----------------|
| 1. Electrical panel                             | 6. Fuse block  |
| 2. Locknut                                      | 7. Fuse (40 A) |
| 3. Delay timer                                  | 8. Relay       |
| 4. Delay timer connector (machine wire harness) | 9. Power relay |
| 5. Main wire harness                            |                |



**Figure 27**  
2015 Machines

- |  |   |
|--|---|
| 1. Fuse block                                | 7. Locknut (#10-24)                           |
| 2. Fuse (40 A)                               | 8. 5-socket connector (machine wire harness)  |
| 3. Bolt and nut (electrical panel)           | 9. Relay                                      |
| 4. 2-pin connector (delay timer)             | 10. 4-socket connector (machine wire harness) |
| 5. 2-socket connector (machine wire harness) | 11. Power relay                               |
| 6. Flange-head bolt (#10-24 x 1/2 inch)      |   |



**Figure 28**  
2016 and After Machines

- |                     |  |
|---------------------|--|
| 1. Fuse (40 A)      | 5. Flange-head bolt (#10-24 x 1/2 inch)      |
| 2. Fuse block       | 6. 4-socket connector (machine wire harness) |
| 3. Locknut (#10-24) | 7. Relay                                     |
| 4. Electrical panel |  |

3. Install a fuse (40 A) to the open slot in the fuse block as shown in [Figure 26](#), [Figure 27](#), or [Figure 28](#).

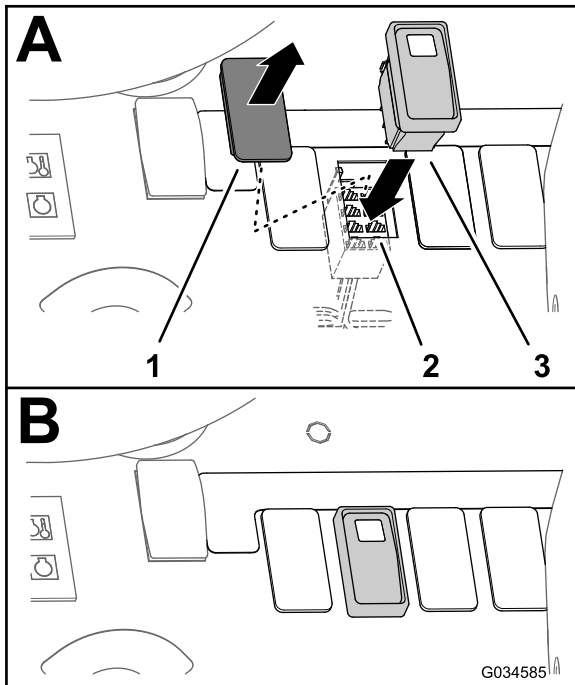
**Note:** If a lower amperage fuse already exists in the slot, replace it with the fuse (40 A).

4. Locate relay and power relay in line with the other relays of the same style, and mount them to the panel ([Figure 26](#), [Figure 27](#), or [Figure 28](#)) with the 2 flange-head bolts (#10-24 x 1/2 inch) and 2 locknut (#10-24).
5. Locate the 4-socket connector and the 5-socket connector on the main harness and connect them to the relay (4-pin) and power relay (5-pin) as shown in [Figure 26](#), [Figure 27](#), or [Figure 28](#).

## Installing the Rocker Switch into the Dash

1. Remove the plug for the rinse tank switch from the dash panel (Figure 29 or Figure 30).

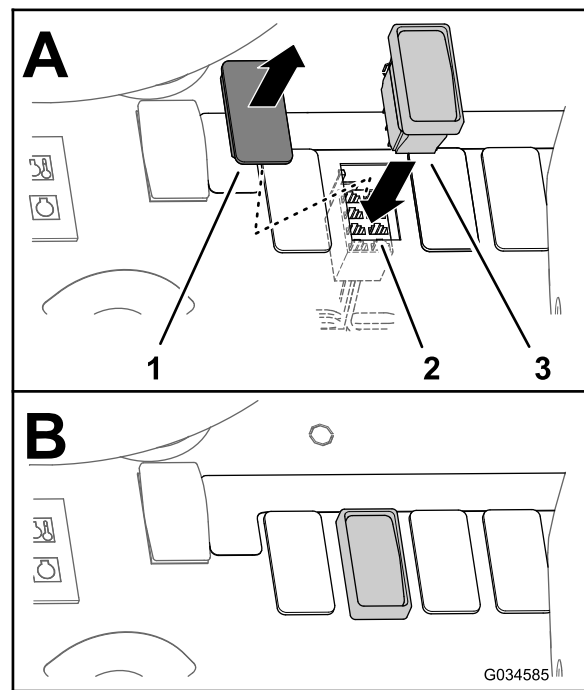
**Note:** It is the second plug to the right of the ignition key.



**Figure 29**

2015 and Before Machines

1. Plug
2. Connector for rinse tank (main wire harness)
3. 3-position switch (with indicator light)



**Figure 30**

2016 and After Machines

1. Plug
  2. Connector for rinse tank (main wire harness)
  3. 3-position switch (**without** indicator light)
2. Working from underneath the dash panel, remove the cable tie that secures the 8-socket connector labeled RINSE TANK from the main harness.
  3. Route the 8-socket connector toward the open hole in the dash (Figure 29 or Figure 30).
  4. Connect the 3-position switch into the 8-socket connector through the dash panel (Figure 29 or Figure 30).
  5. Insert the 3-position switch into the opening in the dash panel until the latch of the switch snap securely into the dash (Figure 29 and Figure 30).

# 8

## Connecting the Battery

### No Parts Required

### Procedure

#### ⚠ 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. Connect the positive battery cable to the positive post of the battery; refer to the *Operator's Manual* for your machine.
  2. Connect the negative battery cable to the negative post of the battery; refer to the *Operator's Manual* for your machine.
  3. Align the battery cover to the battery box and secure the cover with the strap; refer to the *Operator's Manual* for your machine.

## Operation

### Operating the Rinse Kit

Using the Rinse Kit will result in a **rinsate** (a diluted solution of residual chemicals). In many cases, it is appropriate to apply the rinsate onto a treated area(s). However, before doing so, check with the chemical manufacturer to ensure that the application of a diluted solution to the treated area(s) will not adversely affect the performance of the product.

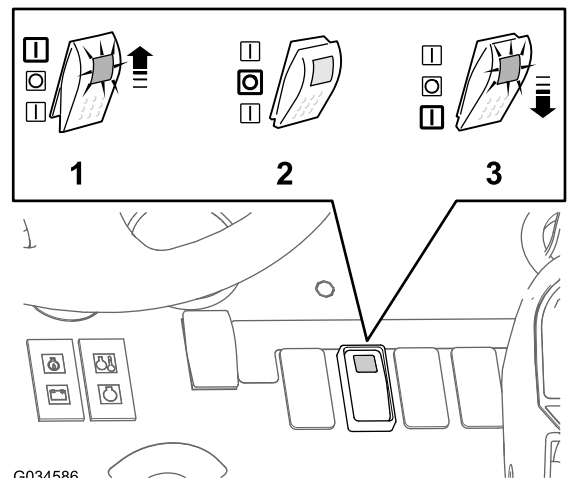
**Important:** The Rinse Kit is *not* intended to dislodge clumped masses of wettable powder or water-soluble chemicals that occur when chemicals are not properly introduced into the main tank.

### Controls

The Rinse Kit is controlled by a 3-position switch (Figure 31 or Figure 32).

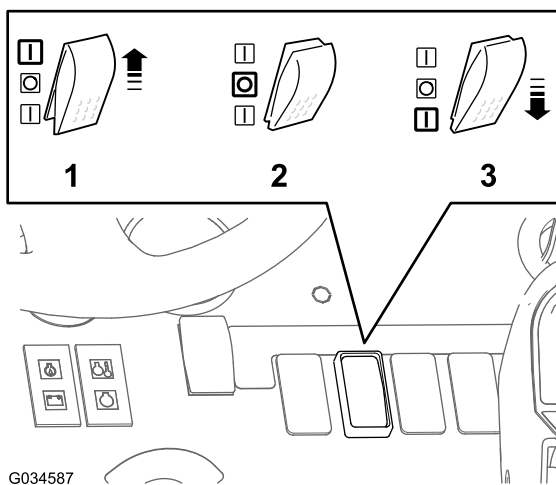
- **Up:** the rinse-tank pump is ON. The 3-position switch locks in the up position, the delay timer is activated.
- **Note:** For 2015 and before machines, the switch illuminates.
- **Neutral:** the rinse-tank pump is OFF. The 3-position switch is in the middle position.
- **Down:** the rinse-tank pump is ON. You must hold the 3-position switch in the down position to run the pump, and the delay timer is not activated.

**Note:** For 2015 and before machines, the switch illuminates.



**Figure 31**  
2015 Models and Before

1. Up (On) position—timed rinse
2. Neutral (Off) position
3. Down (On) position—momentary rinse



**Figure 32**

2016 Models and After

1. Up (On) position—timed rinse
2. Neutral (Off) position
3. Down (On) position—momentary rinse

## Description of Operation

### Operating the 3-Position Switch for a Timed Rinse

Pressing the 3-position switch UP starts a timed rinse. The pump runs for 110 seconds and it pumps approximately 1/3 of the rinse tank contents into the main tank. During this time the switch stays in the up position

**Note:** If you are operating a 2015 and before machine, the light on the 3-position switch will illuminate to indicate that the pump is running.

After 110 seconds, the pump stops running.

**Note:** If you are operating a 2015 and before machine, light on the 3-position switch shuts off to indicate that power to the pump is shut off.

The 3-position switch remains in the up position until you move it to the center or NEUTRAL position. When the switch is in the NEUTRAL position the power is not supplied to the pump and the rinse kit is OFF.

**Note:** If you are operating a 2015 and before machine, the light on the 3-position switch remains shut off in the NEUTRAL position.

### Operating the 3-Position Switch for a Manually Controlled Rinse

Pressing the 3-position switch DOWN energizes a momentary switch. Power is supplied to the pump for only for the duration while the switch is held down.

**Note:** If you have a 2015 and before machine, the 3-position switch illuminates and the pump runs while you hold the switch in the DOWN position.

Release pressure and the 3-position switch moves to the NEUTRAL position. Power to the pump is shut off.

**Note:** If you have a 2015 and before machine, the light in the 3-position switch shuts off.

## Filling the Tank

Position the sprayer 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.

Remove the rinse tank cap and fill the tank with approximately 113 L (30 gallons) with clean water. Replace the cap

**Important:** The 113 L (30 gallon) rinse tank is only intended to be filled with clean water. The introduction of any other substance to the rinse tank can cause a safety hazard and/or damage the machine.

## Using the Rinse Cycle

Once the rinse-tank pump has moved 38 L (10 US gallons) of water into the sprayer tank, the user can use the agitation switch at their disposal to put the clean water into the agitation loop. Once finished, the rinsate can be sprayed out of the boom nozzles or manually drained from tank. This allows the machine to move during the rinse processes.

1. Turn on the rinse-tank pump by performing 1 of the following:
  - Press up 3-position switch for a timed rinse.
  - Press and hold down the 3-position switch for a desired duration.
2. Once the rinse-tank pump has moved 38 L (10 US gallons) of water into the sprayer tank, use the agitation switch to circulate the clean water through the agitation loop.
3. Pump the rinsate out of the sprayer tank as required by federal, state, and local regulations by performing 1 of the following:
  - Spray the rinsate through the booms until the sprayer tank is empty.
  - Draining the sprayer tank contents into a suitable container and disposing of the diluted solution as required by federal, state, or local regulations.

The rinse cycle can be repeated again as necessary for 2 more timed rinse cycles.

# Maintenance

## Inspect the Filter

**Service Interval:** After the first 5 hours

Every 50 hours

Check the filter for any signs of damage. Replace the filter if it is damaged.

## Inspecting the Rinse System for Leaks and Damage

**Service Interval:** Before each use or daily—Inspect the hoses for leaks.

After the first 5 hours—Inspect hoses for damage.

Every 100 hours—Inspect hoses and O-rings for damage

Contact your Authorized Toro Dealer to obtain replacement parts.

## Inspecting the Rinse-Tank Straps

**Service Interval:** After the first hour—Check the rinse-tank straps.

Once the main tank has been filled with water, check to see if there is any play in the tank straps. If the straps are loose, tighten the fasteners at the top straps until they are flush with tank. **Do not over tighten.**

**Important:** Over-tightening the tank strap fasteners can deform and damage the straps.

# Storage

## Storing the Machine for up to 30 days in Above Freezing Temperatures

Drain the following components:

- Pump-inlet line
- Pump-outlet line
- Filter line

## Storing the Machine During Freezing Temperatures or for More Than 30 days

Before storing the machine, perform the following:

1. Add RV anti-freeze solution into the rinse tank.
2. Circulate the anti-freeze through rinse pump.

When retuning the machine to service, drain the following components:

- Pump-inlet line
- Pump-outlet line
- Filter line



**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
41614	315000001 and Up	Tank Rinse Kit, Multi-Pro 5800 Turf Sprayer	30g FRESH WATER RINSE KIT	Sprayer	2006/42/EC, 2004/108/EC or 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:



David Klis  
Sr. Engineering Manager  
8111 Lyndale Ave. South  
Bloomington, MN 55420, USA  
March 15, 2016

EU Technical Contact:

Marc Vermeiren  
Toro Europe NV  
B-2260 Oevel-Westerloo  
Belgium

Tel. 0032 14 562960  
Fax 0032 14 581911



## The Toro Warranty

### A Limited Warranty

#### Conditions and Products Covered

The Toro® Company and its affiliate, Toro Warranty Company, pursuant to an agreement between them, jointly warrant your Toro Commercial product ("Product") to be free from defects in materials or workmanship for two years or 1500 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:

Commercial Products Service Department  
Toro Warranty Company  
8111 Lyndale Avenue South  
Bloomington, MN 55420-1196  
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. Failure to perform required maintenance and adjustments can be grounds for disallowing a warranty claim.

#### 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. A separate warranty may be provided by the manufacturer of these items.
- Product failures which result from failure to perform recommended maintenance and/or adjustments. Failure to properly maintain your Toro product per the Recommended Maintenance listed in the *Operator's Manual* can result in claims for warranty being denied.
- Product failures which result from operating the Product in an abusive, negligent or reckless manner.
- Parts subject to consumption through use unless found to be defective. Examples of parts which are consumed, or used up, during normal Product operation include, but are not limited to, brakes pads and linings, clutch linings, blades, reels, bed knives, tines, spark plugs, castor wheels, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, and check valves, etc.
- Failures caused by outside influence. Items considered to be outside influence include, but are not limited to, weather, storage practices,

contamination, use of unapproved coolants, lubricants, additives, fertilizers, water, or chemicals, etc.

- 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, etc.

#### 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.

#### Note Regarding Deep Cycle Battery Warranty:

Deep cycle 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. Battery replacement may be required during the normal product warranty period at owner's expense.

#### Maintenance is at Owner's Expense

Engine tune-up, lubrication cleaning and polishing, replacement of Items and Conditions Not Covered 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.

**Neither The Toro Company nor Toro Warranty Company is 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.

#### Countries Other than the United States or Canada

Customers 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 the Toro importer. If all other remedies fail, you may contact us at Toro Warranty Company.