Form No. 3458-341 Rev B

Cab Kit

Serial Number 315000001 and After Groundsmaster® 4500/4700-D or Reelmaster® 7000-D Traction Unit

Model No. 30901—Serial No. 400000000 and Up

Operator's Manual

Note: This cab is only for Reelmaster 7000-D machines with the serial numbers between 400000000 and 405699999.

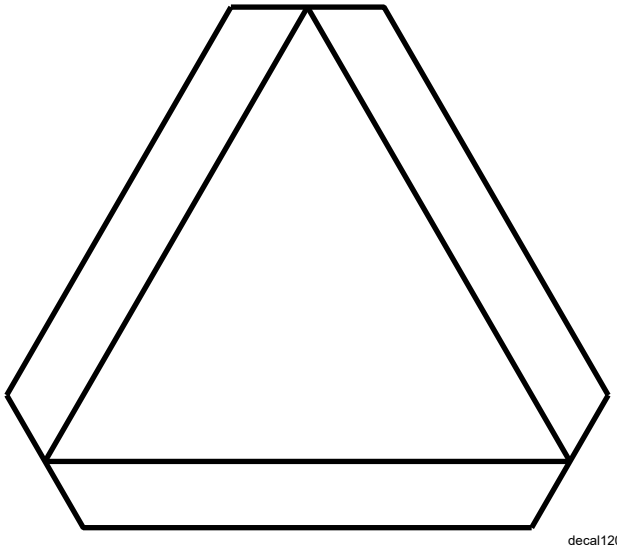
Note: The weight of the cab is 318 kg (700 lb). You need a lift with a rating of 340 kg (750 lb) for lifting the cab.

Safety

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

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.



120-0250

1. Slow-moving vehicle



decal130-0594

130-0594

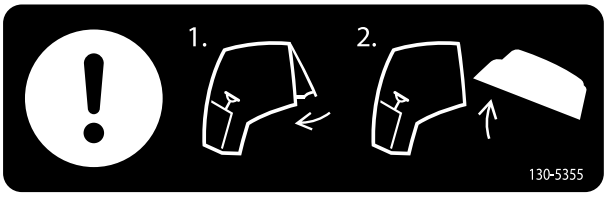
1. Warning—read the *Operator's Manual*; when sitting in the cab, always wear a seat belt; wear hearing protection.

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8111 Lyndale Avenue South
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Register at www.Toro.com.

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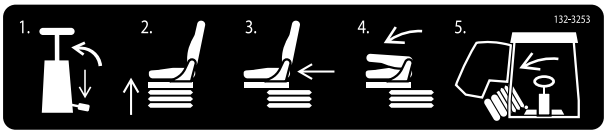
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decal130-5355

130-5355

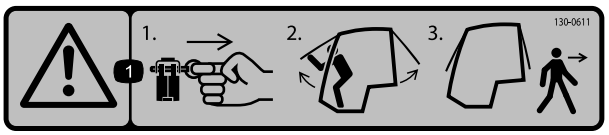
1. Close the rear window.
2. Raise the hood.



decal132-3253

132-3253

1. Move the steering column to the forward position.
2. Raise the seat to maximum height.
3. Move the seat forward.
4. Lower the seat back.
5. Tilt the seat sideways.



decal130-0611

130-0611

1. Warning—1) Remove the pin; 2) Raise the windows; 3) Exit the cab.

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 before you install the cab unit.
2	Left, front mount	1	Prepare the cab mounting hardware.
	Right, front mount	1	
	Left, rear mount	1	
	Right, rear mount	1	
	Rubber isolator	4	
3	Left, front foam seal	1	Apply the foam seals to the mount and frame.
	Center, front foam seal	1	
	Right, front foam seal	1	
	Left foam seal	1	
	Right foam seal	1	
	Left tank foam	1	
	Right tank foam	1	
	Left, rear foam seal	1	
	Right, rear foam seal	1	
	Rear foam seal	1	

Procedure	Description	Qty.	Use
4	Left, front mount Right, front mount Bolt (3/8 x 1 inch) Flange nut (3/8 inch) Locknut (3/8 inch) Left, rear mount Right, rear mount	1 1 7 5 2 1 1	Install the mounts to the machine.
5	Cab Bolt (1/2 x 3-1/4 inch) Washer (2-1/4 inches) Washer (1-3/8 inches) Locknut (1/2 inch)	1 4 4 2 4	Install the cab unit to the machine.
6	Left, rear panel assembly Right, rear panel assembly Bolt (1/4 x 3/4 inch) Clip nut Flange nut (1/4 inch) Upholstery panel Insulation blanket Floor tread	1 1 6 4 2 1 1 1	Install the panels and floor.
7	Fitting (3/8 NPT x 0.625 barb) Hose clamp Right-angle fitting (3/4 inch) Right-angle fitting (7/8 inch) R-Clamp	2 2 1 1 2	Install the hoses.
8	Washer tank Tank mount Tank plate Carriage bolt (5/16 x 3/4 inch) Flange nut (5/16 inch) Swell latch Swell-latch bushing Swell-latch nut R-Clamp	1 1 1 4 4 1 1 1 1	Install the washer tank and mount.
9	Cable tie	5	Connect the wire harness.
10	Safety decal	1	Apply the safety decal to the rear window.
11	No parts required	–	Complete the installation.

1

Preparing the Machine

No Parts Required

Positioning the Machine

Note: If you are installing the air conditioner kit, review and install the air conditioner kit with this cab kit.

1. Clear a location in your workspace under the hoist system.

   Note: Verify that your hoist system is capable of safely supporting the cab unit over the machine during the installation.
2. Move the machine underneath the hoist and engage the parking brake.
3. Shut off the engine and remove the key.
4. Chock the wheels to prevent the machine from moving during the installation.
5. Remove the battery; refer to the *Operator's Manual*.

Removing the Battery

⚠ 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. Unlatch and raise the operator's console panel (Figure 1).

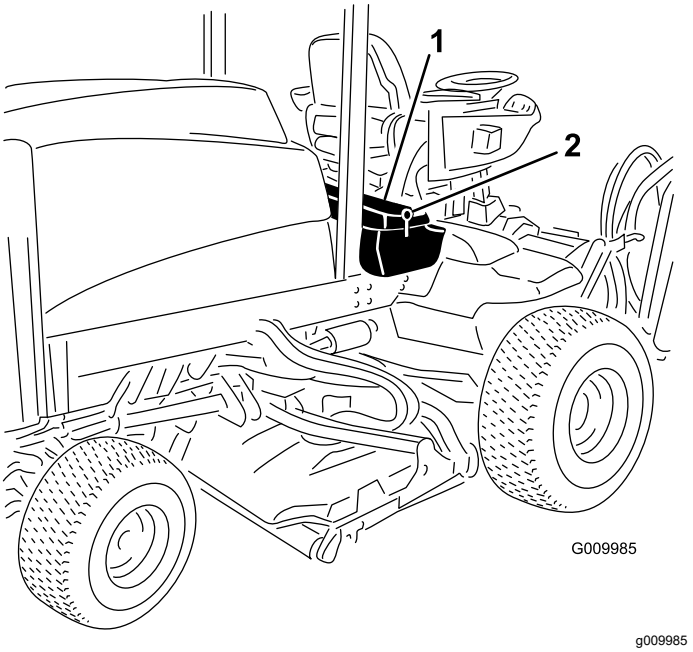


Figure 1

1. Operator's console panel 2. Latch

2. Remove the rubber boots from the battery terminals.
3. Remove the negative cable (black) from the negative (-) terminal and the positive cable (red) from the positive (+) terminal of the battery (Figure 2).

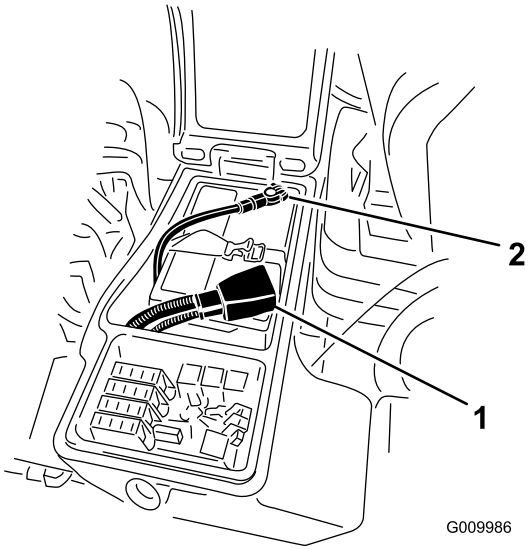


Figure 2

1. Positive (+) terminal 2. Negative (-) terminal

4. Remove and retain the battery.

Removing the Roll Bar Top Bolts

Important: **Use an assistant to support the roll bar when you remove the bolts securing it to the machine.**

1. Remove and retain the bolt securing the storage compartment located on the left side of the machine (Figure 3).

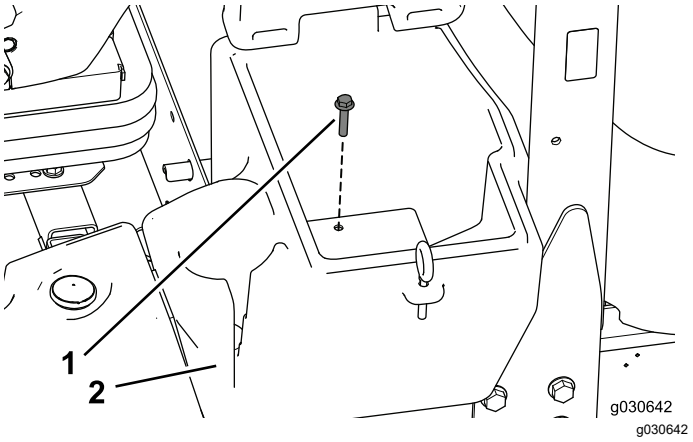


Figure 3

1. Bolt
2. Storage compartment

2. Remove and retain the storage compartment.
3. Remove and retain the 2 bolts, reinforcement plate, and 2 flange nuts securing the roll bar to the top of the frame (Figure 4).

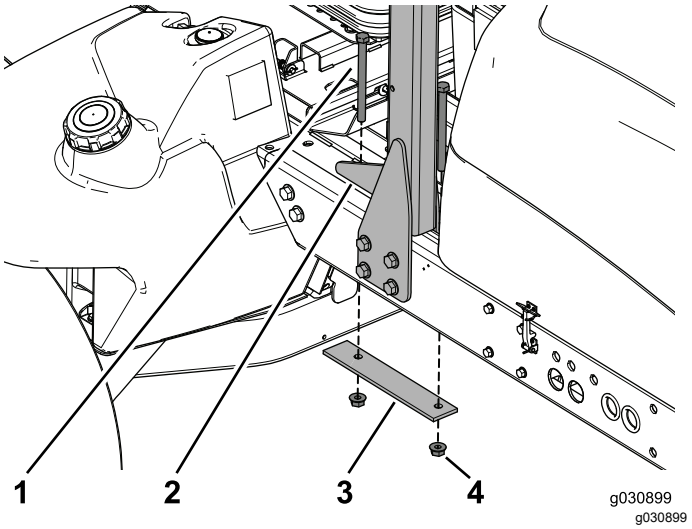


Figure 4

1. Bolt
2. Roll bar
3. Reinforcement plate
4. Flange nut

4. Remove and retain the screw securing the reinforcement plate and the bolt securing the battery compartment (Figure 5).

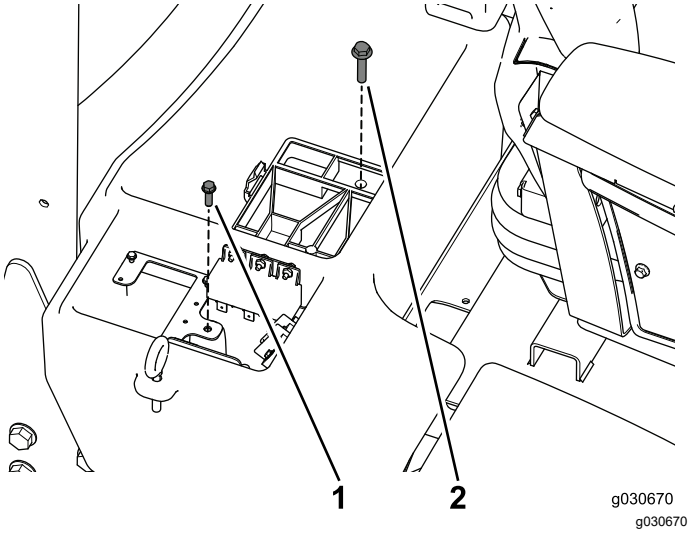


Figure 5

1. Screw
2. Bolt

5. Remove and retain the bolt and the battery-compartment clamp (Figure 6).

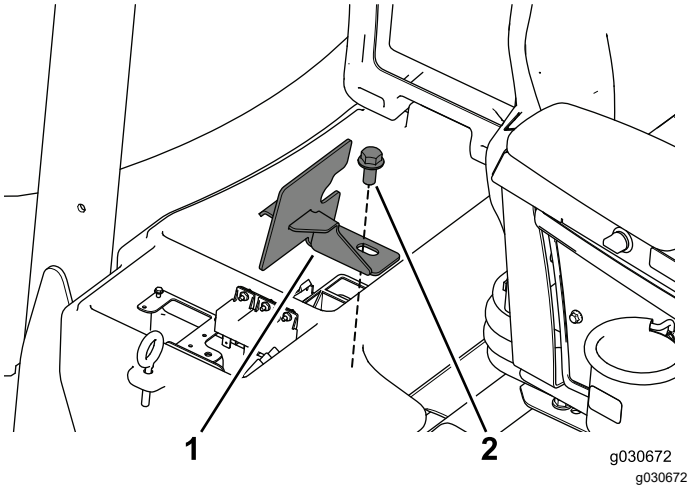


Figure 6

1. Battery-compartment clamp
2. Bolt

6. Arrange the reinforcement plate and battery compartment to allow you to remove the 2 bolts, reinforcement plate, and 2 flange nuts that secure the roll bar to the top of the frame (Figure 7). Set them aside.

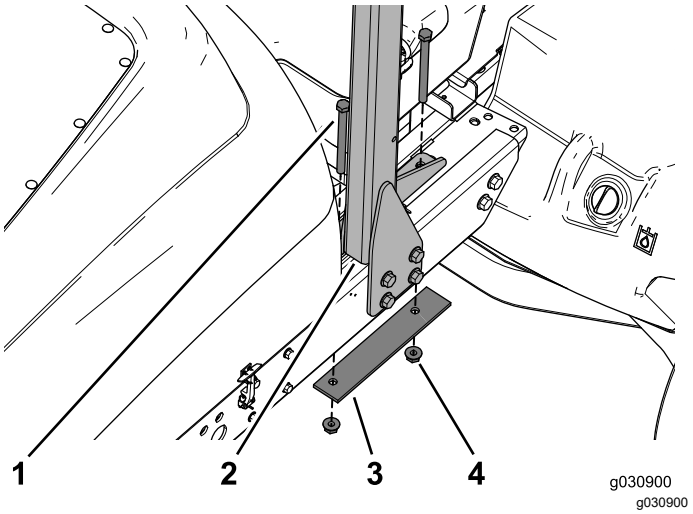


Figure 7

1. Bolt
2. Roll bar
3. Reinforcement plate
4. Flange nut

Removing the Roll Bar

Important: **Use an assistant to support the roll bar when you remove the bolts securing it to the machine.**

1. Remove the bolts securing the roll bar to the left side of the machine (Figure 8).

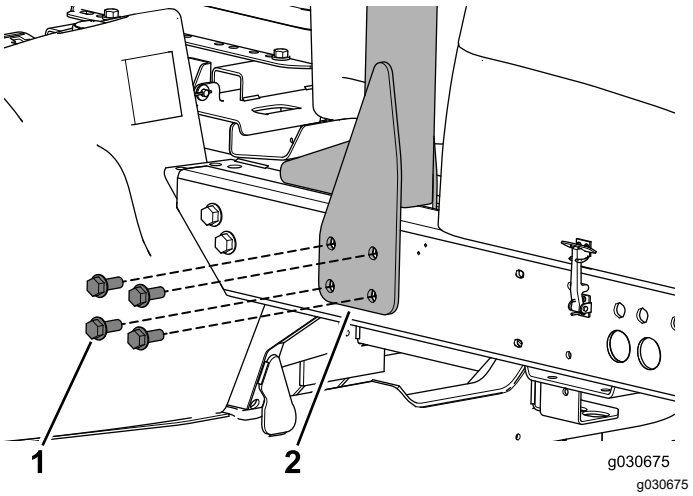


Figure 8

1. Bolts
2. Roll bar

2. Use an assistant to help you remove the roll bar from the machine.
3. Store the roll bar.

2

Preparing the Cab Mounts

Parts needed for this procedure:

1	Left, front mount
1	Right, front mount
1	Left, rear mount
1	Right, rear mount
4	Rubber isolator

Preparing the Front Mount

Press a rubber isolator into each hole in the front mounts (Figure 9).

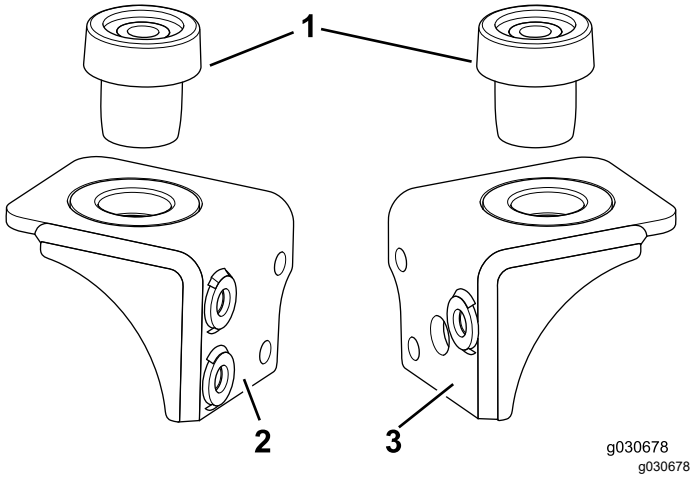


Figure 9

1. Rubber isolators
2. Left, front mount
3. Right, front mount

Note: Use soapy water and a mallet to assist with inserting the rubber isolators into the holes.

Drilling the Front Mount Holes

Follow this procedure only if necessary.

Locate and drill 2 holes (13/32 inch diameter) for the right, front mount as shown in Figure 10.

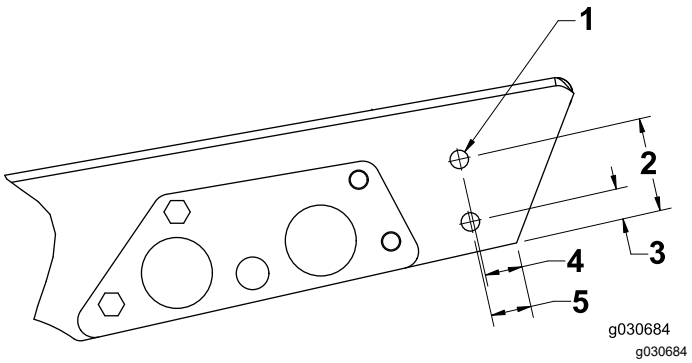


Figure 10

1. Hole (13/32 inch diameter)
2. 52 mm (2.07 inches)
3. 17 mm (0.67 inch)
4. 21 mm (0.83 inch)
5. 23 mm (0.89 inch)

Preparing the Rear Mounts

1. Press a rubber isolator into the hole of the left, rear mount on the cab frame (Figure 11).

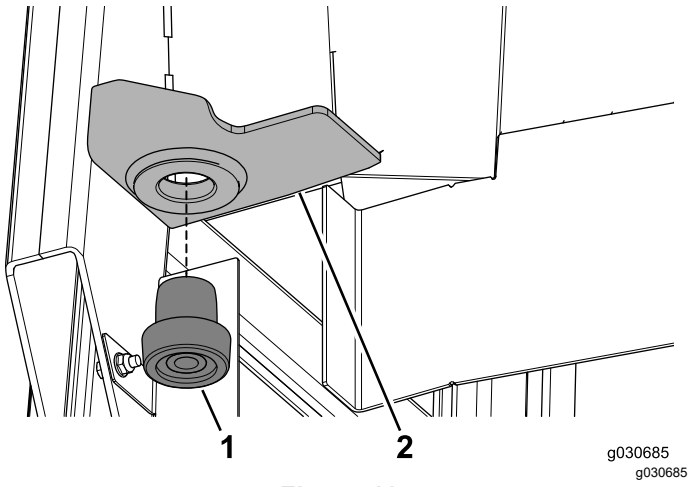


Figure 11

1. Rubber isolator
2. Left, rear mount

2. Press a rubber isolator into the hole of the right, rear mount on the cab frame (Figure 12).

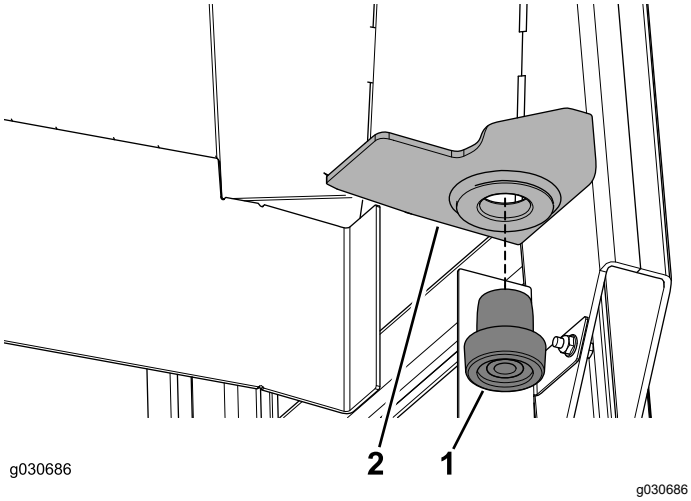


Figure 12

1. Rubber isolator
2. Right, rear mount

Note: Use soapy water and a mallet to assist with inserting the rubber isolator into the hole.

3

Applying the Foam Seals

Parts needed for this procedure:

1	Left, front foam seal
1	Center, front foam seal
1	Right, front foam seal
1	Left foam seal
1	Right foam seal
1	Left tank foam
1	Right tank foam
1	Left, rear foam seal
1	Right, rear foam seal
1	Rear foam seal

Applying the Front Foam Seals

Apply the center, front foam seal and then the left, front and right, front foam seals approximately 3 mm (1/8 inch) from the edge on the front of the cab unit (Figure 13).

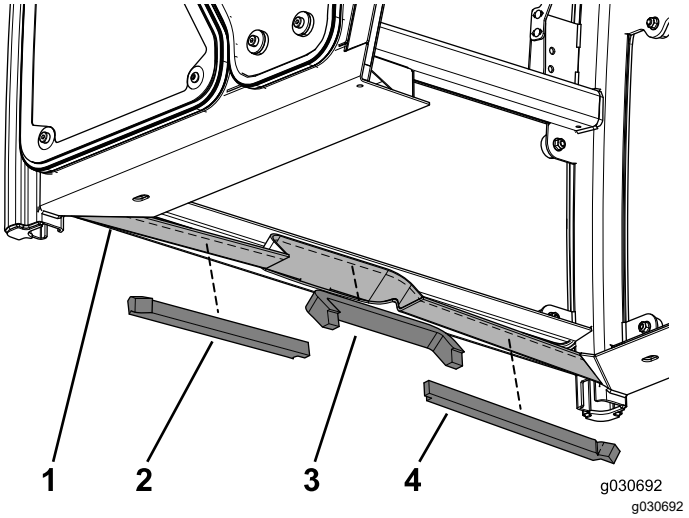


Figure 13

1. Application area
2. Left, front foam seal
3. Center, front foam seal
4. Right, front foam seal

Note: Install the ends of the foam seals to interlock and create a solid seal.

Applying the Side Foam Seals

1. Apply the left foam seal approximately 3 mm (1/8 inch) from the edge on the front, left section of the cab unit (Figure 14).

   Note: Install the ends of the foam seals to interlock and create a solid seal.

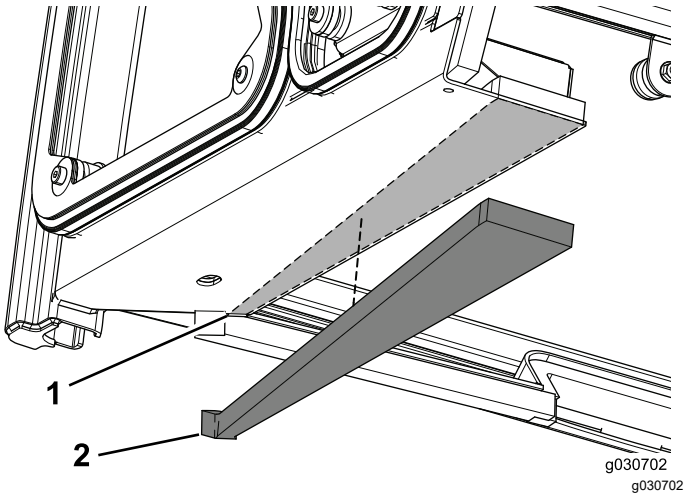


Figure 14

1. Application area
2. Left foam seal

2. Apply the right foam seal approximately 3 mm (1/8 inch) from the edge on the right, front section of the cab unit.

   Note: Install the ends of the foam seals to interlock and create a solid seal.

3. Remove the paper backing from the double-faced tape on both sides of the cab unit (Figure 15).

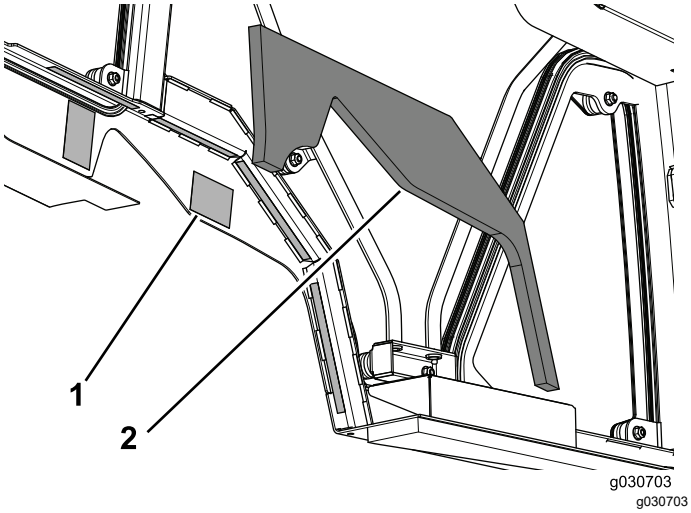


Figure 15

1. Double-faced tape
2. Left tank foam

4. Apply the left tank foam to the cab unit (Figure 15).
5. Apply the right tank foam to the cab unit.

Applying the Rear Foam Seals

1. Remove the paper backing from the double-faced tape at the back of the cab unit (Figure 16).

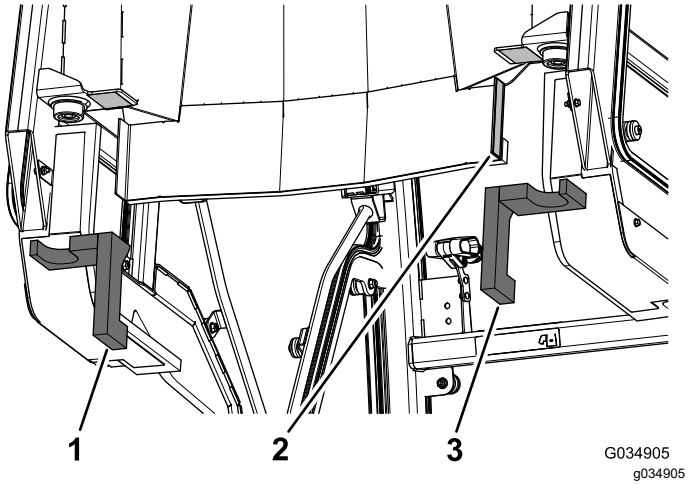


Figure 16

1. Left, rear foam seal
2. Double-faced tape
3. Right, rear foam seal

2. Apply the left, rear and right, rear foam seals to the cab unit (Figure 16).
3. Apply the rear foam seal to the back of the cab unit (Figure 17).

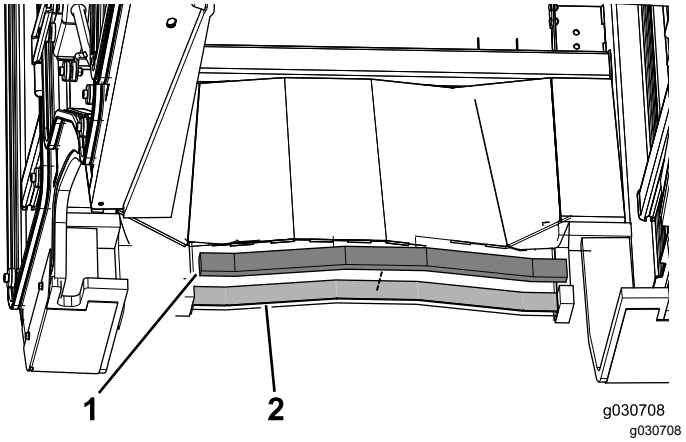


Figure 17

1. Rear foam seal
2. Application area

4

Installing the Cab Mounts

Parts needed for this procedure:

1	Left, front mount
1	Right, front mount
7	Bolt (3/8 x 1 inch)
5	Flange nut (3/8 inch)
2	Locknut (3/8 inch)
1	Left, rear mount
1	Right, rear mount

Installing the Left Front Mount

1. Remove the existing hardware and use the 3 bolts (3/8 x 1 inch) and flange nuts to secure the mount to the machine (Figure 18).

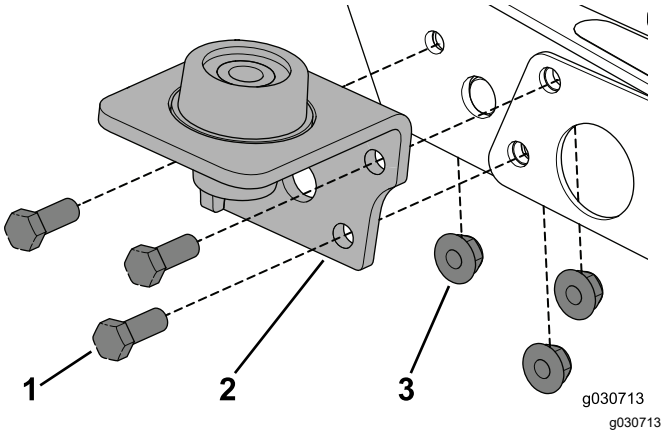


Figure 18

1. Bolt (3/8 x 1 inch)
2. Left mount
3. Flange nut (3/8 inch)

2. Torque the bolts and nuts to 37 to 45 N·m (27 to 33 ft-lb).

Installing the Right Front Mount

1. Remove the existing hardware and use the 4 bolts (3/8 x 1 inch) 2 flange nuts, and 2 locknuts to secure the mount to the machine (Figure 19).

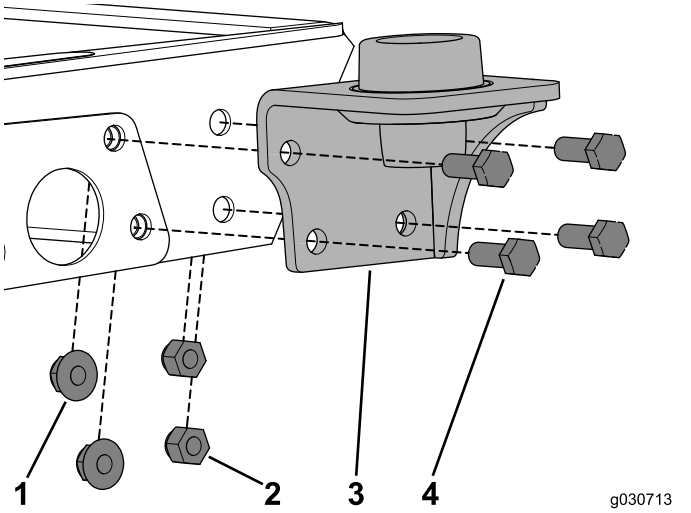


Figure 19

1. Flange nut (3/8 inch)
2. Locknut
3. Left mount
4. Bolt (3/8 x 1 inch)

2. Torque the bolts and nuts to 37 to 45 N·m (27 to 33 ft-lb).

Installing the Left Rear Mount

1. Use the new hardware to secure the left rear mount to the frame (Figure 20).

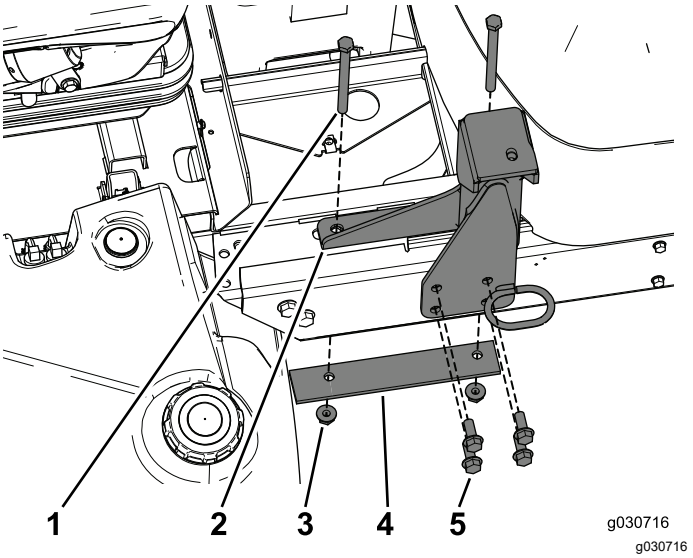


Figure 20

1. Bolt (1/2 x 6 inches)
2. Left mount
3. Flange nut
4. Reinforcement plate
5. Bolt (1/2 x 1-1/4 inches)

2. Torque the bolts (1/2 x 6 inches) and nuts to 91 to 113 N·m (67 to 83 ft-lb).
3. Torque the bolts (1/2 x 1-1/4 inches) to 91 to 113 N·m (67 to 83 ft-lb).

Installing the Right Rear Mount

1. Use the new hardware to secure the right rear mount to the frame (Figure 21).

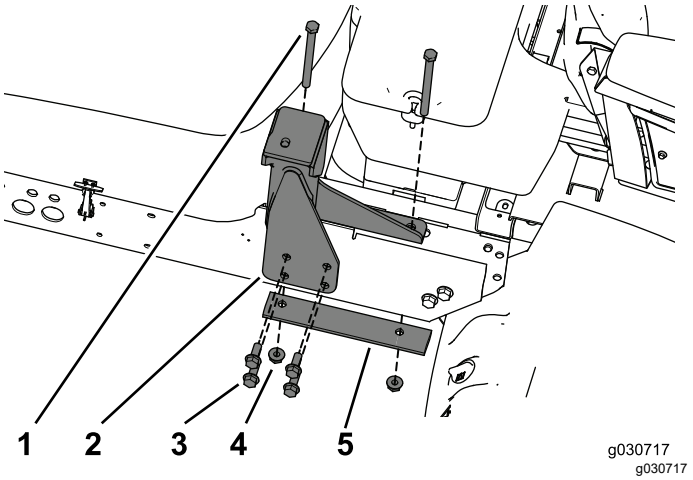


Figure 21

1. Bolt (1/2 x 6 inches)
2. Right mount
3. Bolt (1/2 x 1-1/4 inches)
4. Flange nut
5. Reinforcement plate

2. Torque the bolts (1/2 x 6 inches) and nuts to 91 to 113 N·m (67 to 83 ft-lb).
3. Torque the bolts (1/2 x 1-1/4 inches) to 91 to 113 N·m (67 to 83 ft-lb).

4. Use the bolt (5/16 x 1-1/2 inches) to secure the storage compartment to the machine (Figure 22).

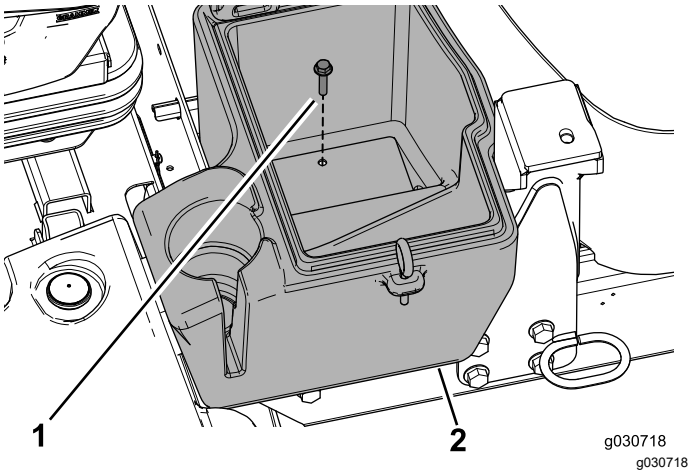


Figure 22

1. Bolt (5/16 x 1-1/2 inches)
2. Storage compartment

5. Use the screw to secure the reinforcement plate to the machine and use the bolt (1/2 x 1 inch) to secure the battery-compartment clamp and the battery compartment to the machine (Figure 23).

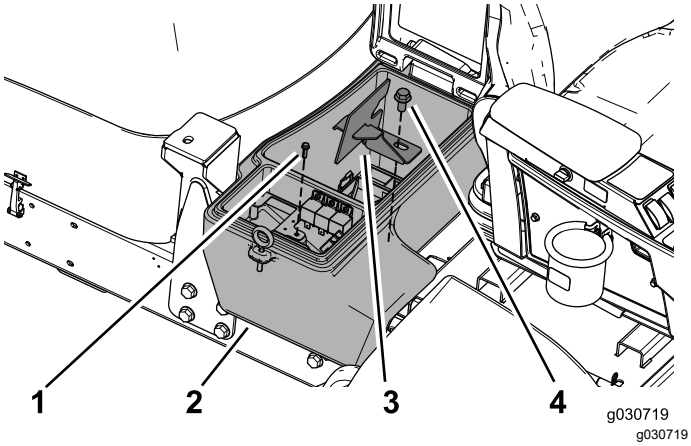


Figure 23

1. Screw
2. Battery compartment
3. Battery-compartment clamp
4. Bolt (1/2 x 1 inch)

Installing the Wire Harness and Preparing the Cab for Installation

Route the wire harness from underneath the machine up to the battery box as shown in Figure 24.

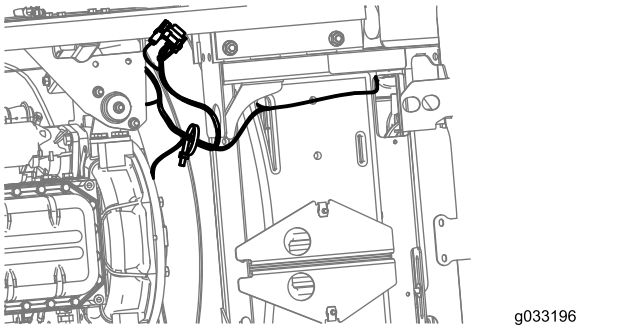


Figure 24

Install the wire harness as shown in Figure 25.

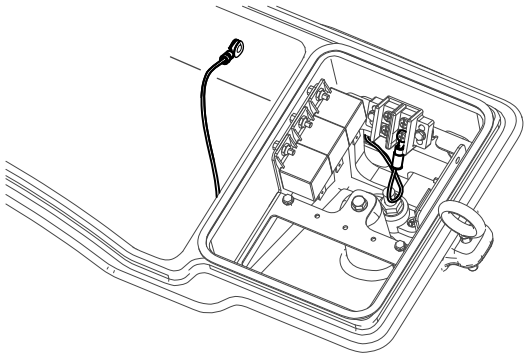


Figure 25

Use the measurements in Figure 26 and drill holes into the cab.

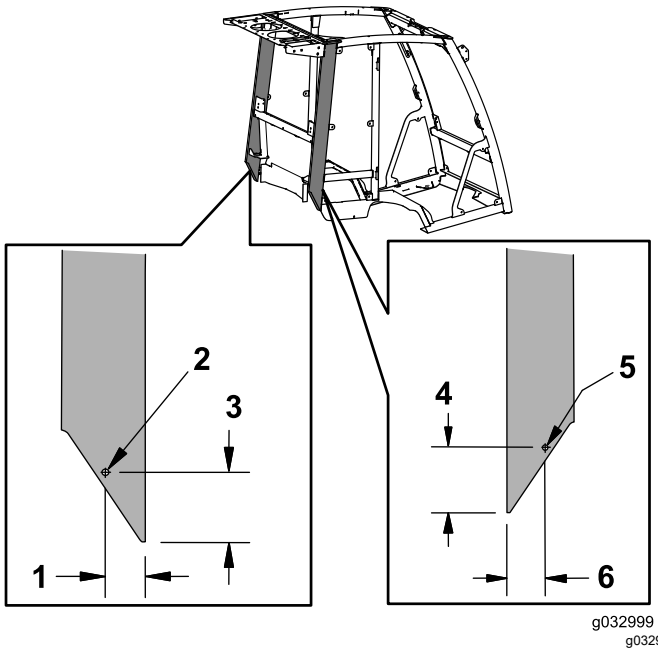


Figure 26

1. 1.93 inches
2. Hole (0.31 inch diameter)
3. 3.36 inches
4. 3.87 inches
5. Hole (0.31 inch diameter)
6. 2.29 inches

5

Installing the Cab Unit to the Machine

Parts needed for this procedure:

1	Cab
4	Bolt (1/2 x 3-1/4 inch)
4	Washer (2-1/4 inches)
2	Washer (1-3/8 inches)
4	Locknut (1/2 inch)

Procedure

1. Use the 4 lift points to support the cab above the machine (Figure 27).

   Note: Ensure that the lifting tool does not contact the cab roof or headliner when supporting the cab.

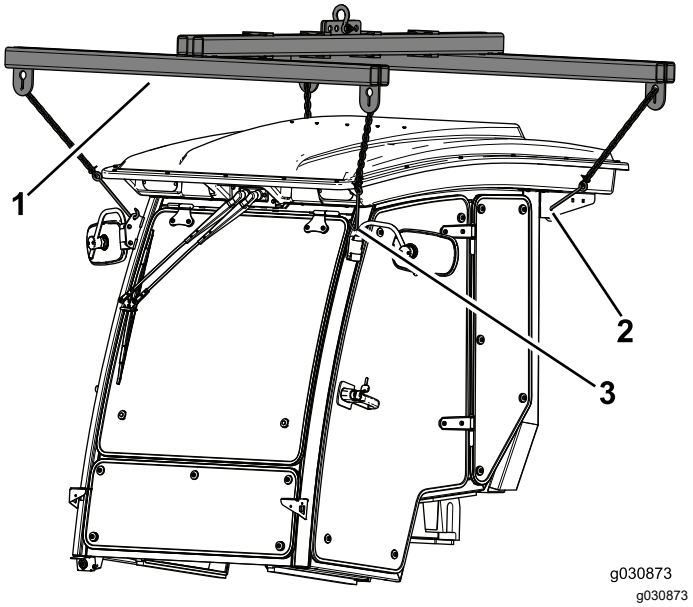


Figure 27

1. Hoist bar
2. Front lift point
3. Rear lift point

2. Lower the cab to the machine, aligning the 4 bolt holes on the mounts.
3. Use a bolt (1/2 x 3-1/4 inch), washer (2-1/4 inches), and locknut (1/2 inch) to secure the cab to the rear mounts on the machine (Figure 28).

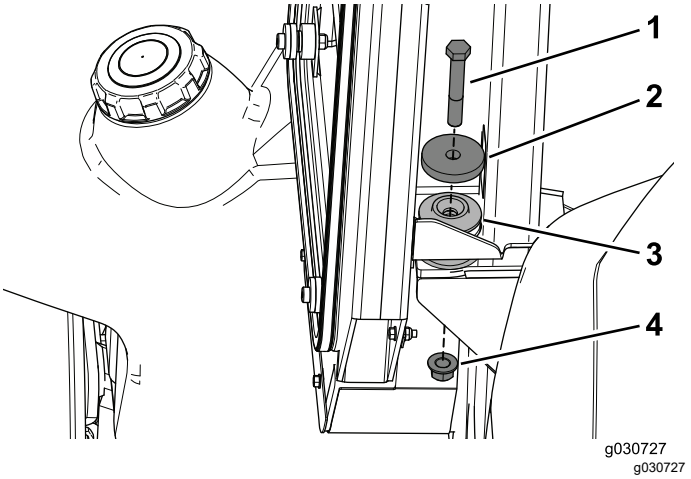


Figure 28

1. Bolt (1/2 x 3-1/4 inch)
2. Washer (2-1/4 inches)
3. Rear mount
4. Locknut (1/2 inch)

4. Torque the bolt (1/2 x 3-1/4 inch) and locknut (1/2 inch) to 129 to 156 N·m (95 to 115 ft-lb).

   Note: Ensure that there is a small amount of slack in the lifting tool to allow the cab to settle onto the machine.

5. Use a bolt (1/2 x 3-1/4 inch), washer (1-3/8 inches), washer (2-1/4 inches), and locknut (1/2 inch) to secure the cab to the front mounts on the machine (Figure 29).

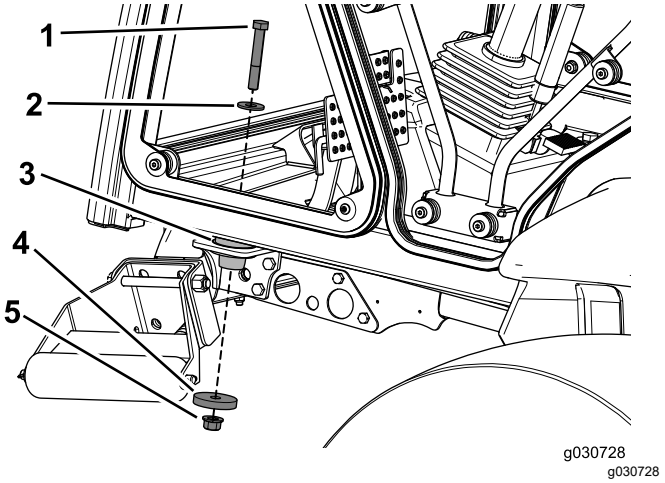


Figure 29

1. Bolt (1/2 x 3-1/4 inch)
2. Washer (1-3/8 inches)
3. Front mount
4. Washer (2-1/4 inches)
5. Locknut (1/2 inch)

6. Torque the bolt (1/2 x 3-1/4 inch) and locknut (1/2 inch) to 129 to 156 N·m (95 to 115 ft-lb) and disconnect the lifting tool from the cab.

6

Installing the Panels and Flooring

Parts needed for this procedure:

1	Left, rear panel assembly
1	Right, rear panel assembly
6	Bolt (1/4 x 3/4 inch)
4	Clip nut
2	Flange nut (1/4 inch)
1	Upholstery panel
1	Insulation blanket
1	Floor tread

Installing Rear Panel Assembly

1. Install the 2 clip nuts onto the cab frame (Figure 30).

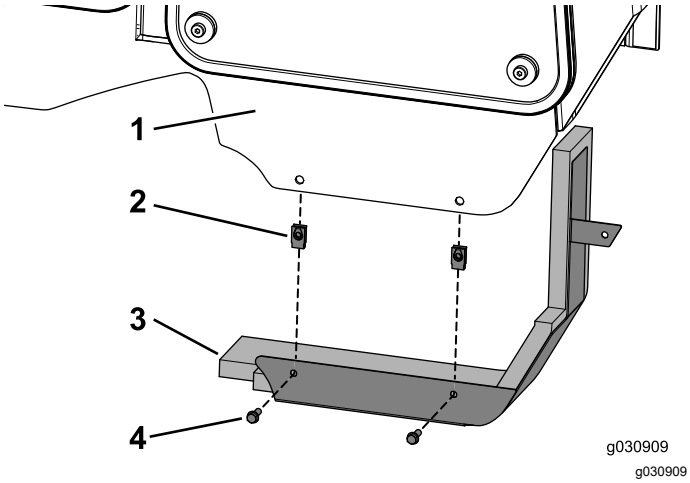


Figure 30

1. Cab frame
2. Clip nut
3. Left, rear panel assembly
4. Bolt (1/4 x 3/4 inch)

2. Secure the panel assembly to the cab using the 2 bolts (1/4 x 3/4 inch) as shown in Figure 30.
3. Use 1 bolt (1/4 x 3/4 inch) and 1 flange nut (1/4 inch) to complete the installation of the panel assembly (Figure 31).

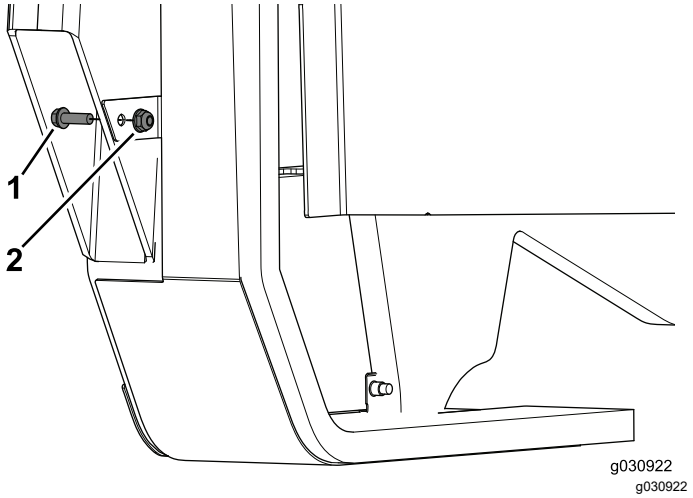


Figure 31

1. Bolt (1/4 x 3/4 inch)
2. Flange nut

4. Torque the bolts and nut to 10 to 12 N·m (90 to 110 in-lb).
5. Repeat the previous steps to the right side of the cab.

Installing the Back Panel

1. Ensure the installation area is clean.
2. Align the upholstery panel with the center of the back panel inside cab to verify its fit and placement (Figure 32).

   Note: Remember or mark where the corner of the upholstery panel begins when it is centered across the back panel of the cab.

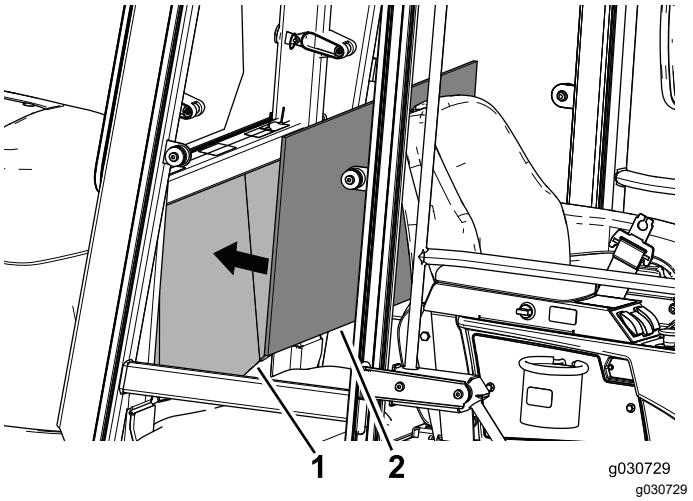


Figure 32

1. Cab
2. Upholstery panel

3. Remove 1 section of the backing to expose the adhesive.

4. Start with the upper corner of the upholstery panel and adhere it to the back of the cab so that it is centered once it is completely installed.
5. Adhere the panel, 1 section at a time, from one end to the other, until the upholstery panel is completely applied.

Installing the Insulation Blanket

1. Remove the insulation blanket from the shipping tube.

   Note: Do not unroll the insulation blanket until it is in position.
2. Position the blanket across the storage compartments behind the operator's seat.
3. Tuck in the edges of the blanket around the operator's seat as you unroll it toward the front of the machine.
4. Remove the backing from the adhesive on the hook and loop strips at the end of the blanket and adhere the strips where they lie.

   Note: Ensure the surface where the adhesive backed hook and loop strip adheres to the platform is clean.
5. Adhere the hook and loop strips firmly to the platform.

Installing the Floor Tread

1. Ensure that the installation area is clean.
2. Install the floor tread onto the platform inside the cab.

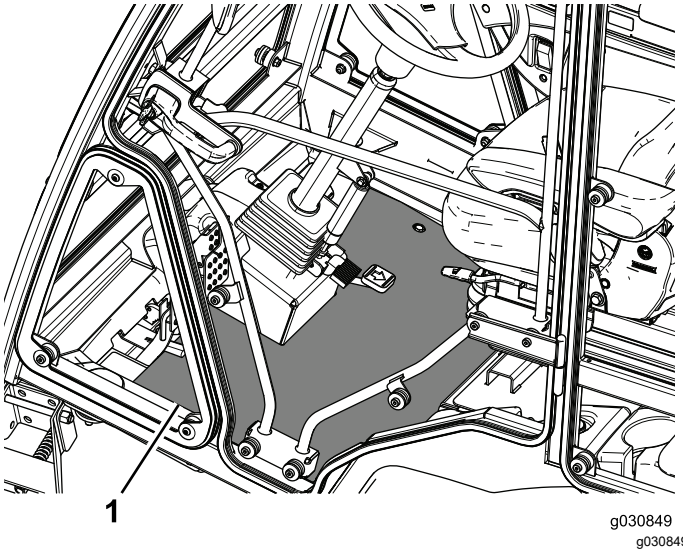


Figure 33

1. Floor tread

3. Ensure that the bolt heads on the platform are aligned with the cutouts in the floor tread.

7

Connecting the Hoses

Parts needed for this procedure:

2	Fitting (3/8 NPT x 0.625 barb)
2	Hose clamp
1	Right-angle fitting (3/4 inch)
1	Right-angle fitting (7/8 inch)
2	R-Clamp

Connecting the Heater Hoses

1. Apply sealant to the fitting (3/8 NPT x 0.625 barb); skipping the first thread.
2. Remove the heater supply and return hose plugs from the engine and install the fittings (3/8 NPT x 0.625 barb) as shown in Figure 34.

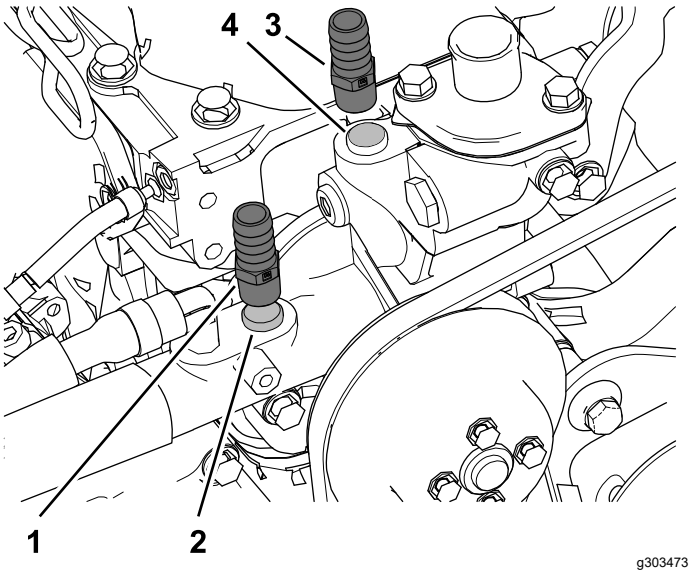


Figure 34

1. Fitting (3/8 NPT x 0.625 barb)
2. Return hose plug
3. Fitting (3/8 NPT x 0.625 barb)
4. Supply hose plug

3. Tighten the fittings (3/8 NPT x 0.625 barb) 2 to 3 turns past finger-tight.
4. Route the hoses for the heater and the drain hose through the hose ring on the rear cab mount (Figure 35).

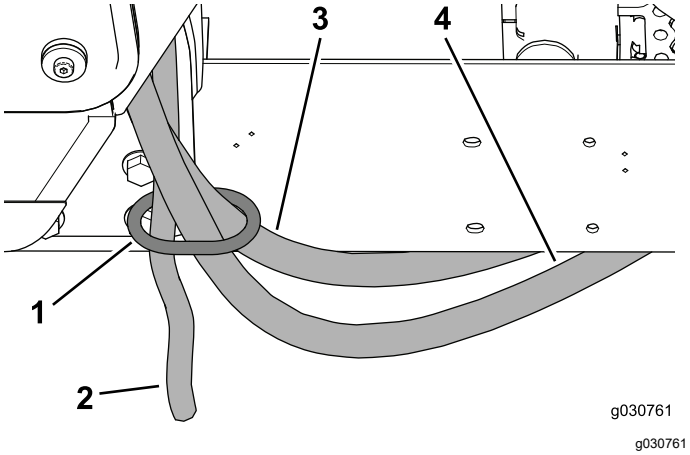


Figure 35

1. Hose ring
2. Drain hose
3. Heater hose
4. Drain hose

5. Slide the hose clamp over the supply hose and then insert the hose over the fitting (3/8 NPT x 0.625 barb) as shown in Figure 36.

   Note: The supply hose is designated by a red plug at 1 end of the assembly. Remove the plug before installing the hose.

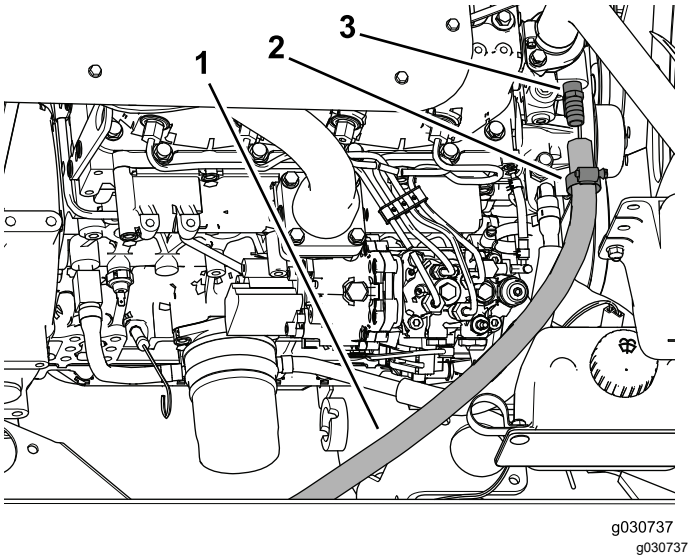


Figure 36

1. Heater-supply hose
2. Hose-clamp
3. Barb fitting

6. Slide the hose-clamp over the return hose and then insert the hose over the fitting (3/8 NPT x 0.625 barb) as shown in Figure 37.

   Note: The return hose is designated by a green plug at 1 end of the assembly. Remove the plug before installing the hose.

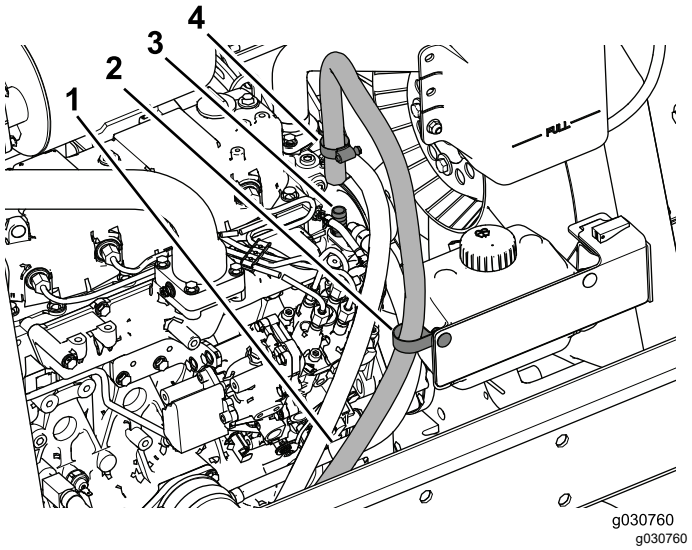


Figure 37

1. Heater-return hose
2. R-clamp
3. Barb fitting
4. Hose clamp

Installing the Air-Conditioner Fittings

Note: Thoroughly lubricate the O-ring before installing the fittings with PAG Oil 46 or an equivalent lubricant.

1. Remove the exhaust pipe, muffler bracket, and engine fan (Figure 38).

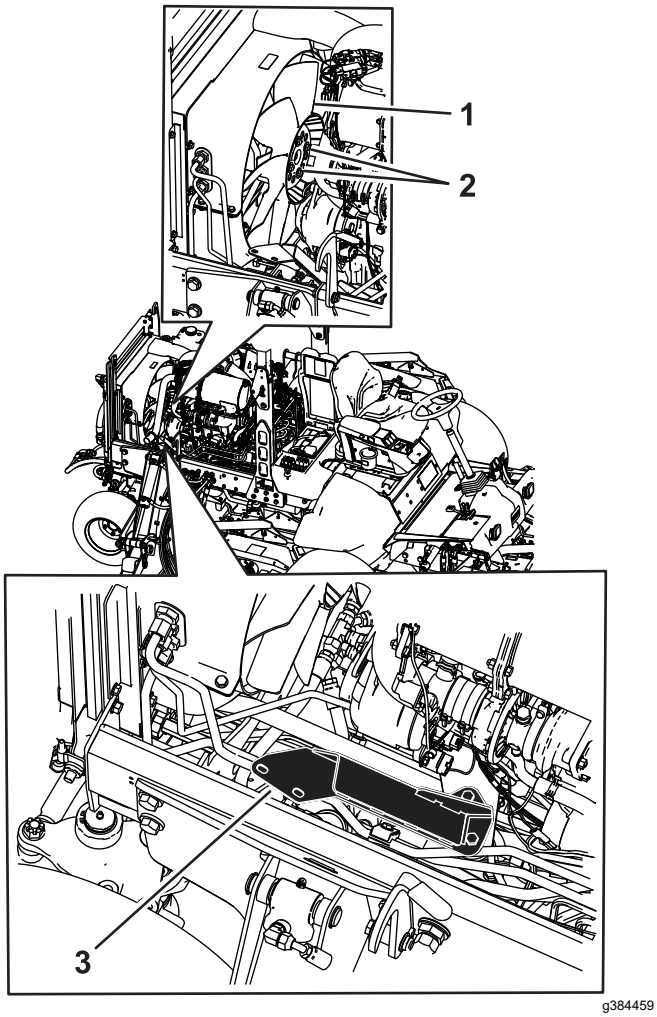


Figure 38

1. Engine fan
2. Fan bolts
3. Muffler bracket

2. Install the right-angle fitting (7/8 inch) and O-ring (size 8) to the low-pressure or suction port on the air-conditioning pump (Figure 39).

   Note: Ensure the fittings are installed at the angles shown in Figure 40 and Figure 41.

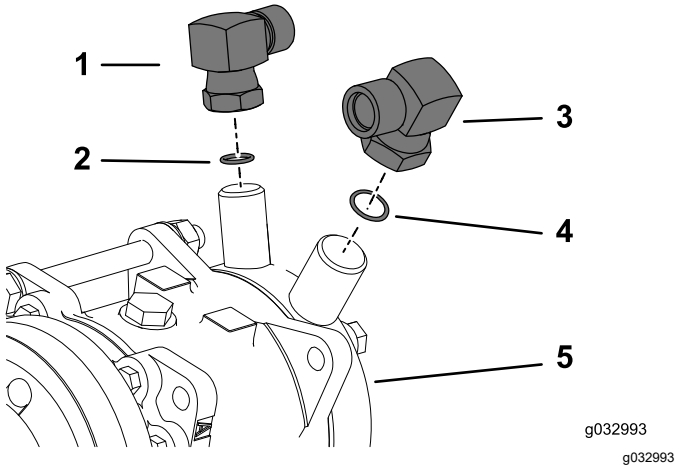


Figure 39

1. Right-angle fitting (3/4 inch)
2. O-ring (size 8)
3. Right-angle fitting (7/8 inch)
4. O-ring (size 10)
5. Air-conditioning pump

3. Torque the fitting to 34 to 47 N·m (25 to 35 ft-lb)
4. Install the right-angle fitting (3/4 inch) and O-ring (size 10) to the high-pressure or discharge port on the air-conditioning pump (Figure 39).
5. Torque the fitting to 34 to 47 N·m (25 to 35 ft-lb)
6. Position the compressor into the machine and secure it as shown in the Air Conditioner Kit (Model No. 30877) instructions.
7. Install the engine fan, muffler bracket, and exhaust pipe (Figure 38).

Connecting the Air-Conditioning Hoses

1. Connect the air-conditioning low-pressure hose (7/8 inch) from the cab unit to the right-angle fitting (7/8 inch) as shown in Figure 40.

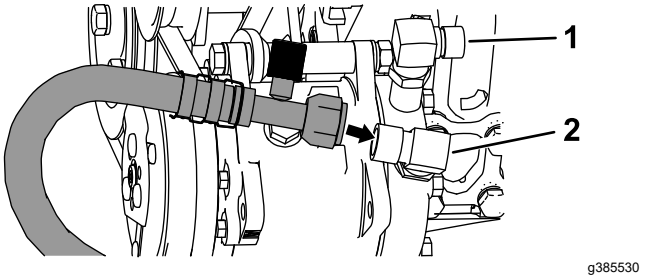


Figure 40

1. Right-angle fitting (3/4 inch)
2. Right-angle fitting (7/8 inch)

2. Torque the fitting to 34 to 47 N·m (25 to 35 ft-lb)

3. Connect the air-conditioning high-pressure hose (3/4 inch) from the cab to the right-angle fitting (3/4 inch) as shown in Figure 41.

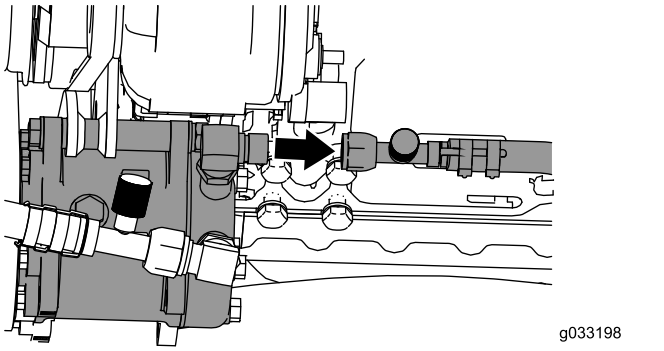


Figure 41

4. Torque the fitting to 34 to 47 N·m (25 to 35 ft-lb)
5. Install 1 R-clamp around each air-conditioning hose and use the 2 existing bolts to secure them to the machine frame (Figure 42).

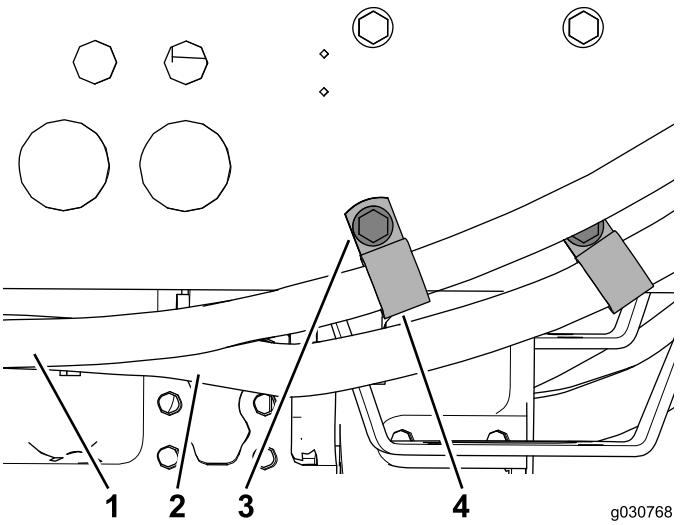


Figure 42

1. High-pressure hose
2. Low-pressure hose
3. Bolt (5/16 x 1 inch)
4. R-clamp

8

Installing the Washer Tank

Parts needed for this procedure:

1	Washer tank
1	Tank mount
1	Tank plate
4	Carriage bolt (5/16 x 3/4 inch)
4	Flange nut (5/16 inch)
1	Swell latch
1	Swell-latch bushing
1	Swell-latch nut
1	R-Clamp

Installing the Washer Tank and Mount

1. Use 2 carriage bolts (5/16 x 3/4 inch) and 2 flange nuts (5/16 inch) to secure the tank plate to the coolant-bottle support (Figure 43)

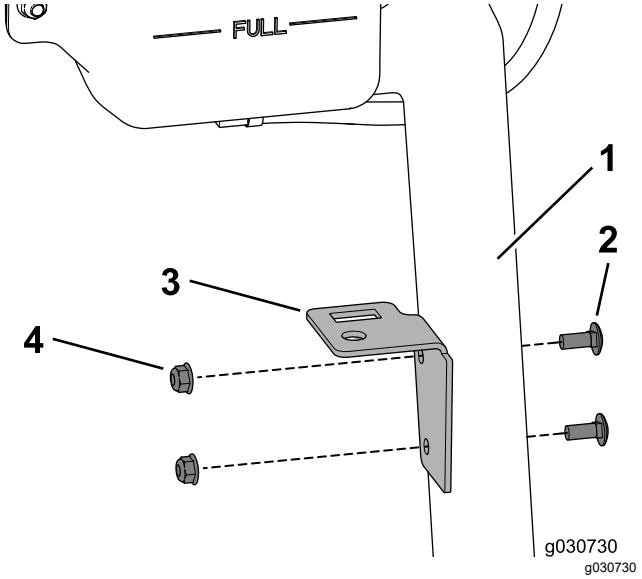


Figure 43

1. Coolant-bottle support
2. Carriage bolt (5/16 x 3/4 inch)
3. Tank plate
4. Flange nut (5/16 inch)

2. Torque the bolt and nut to 1,978 to 2,542 N·cm (175 to 225 in-lb).
3. Use 2 carriage bolts (5/16 x 3/4 inch) and 2 flange nuts (5/16 inch) to secure the washer

bottle and R-clamp to the tank mount (Figure 44).

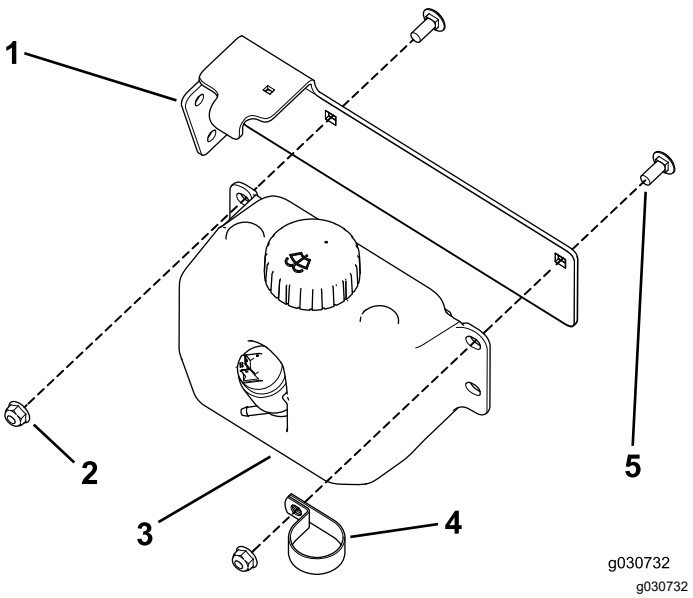


Figure 44

1. Tank mount
2. Flange nut (5/16 inch)
3. Washer bottle
4. R-clamp
5. Carriage bolt (5/16 x 3/4 inch)

4. Install the swell-latch assembly to the tank mount (Figure 45).

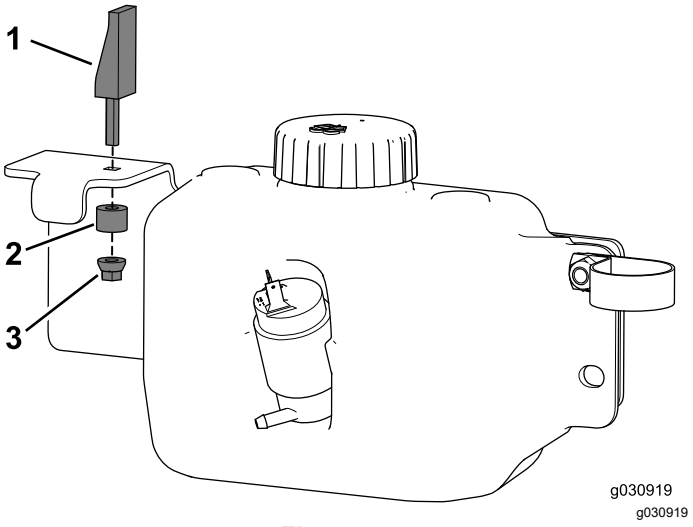


Figure 45

1. Swell latch
2. Swell-latch bushing
3. Swell-latch nut

5. Insert the tab into the slot and the swell-latch bushing into the hole in the tank plate (Figure 46).

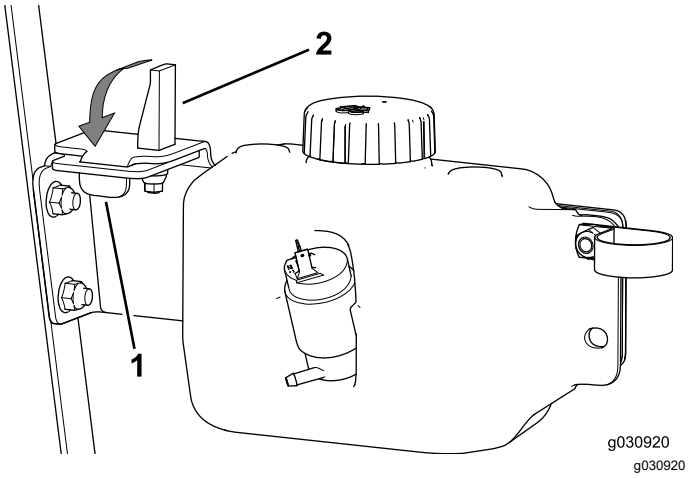


Figure 46

1. Swell latch
2. Tank mount

6. Flip the swell-latch lever down (Figure 46).

   Note: The swell latch should hold the tank mount firmly to the tank plate. Adjust the nut to change the pressure applied by the swell latch.

Connecting the Washer Hose

1. Route the washer hose through the hose ring on the rear cab mount (Figure 47).

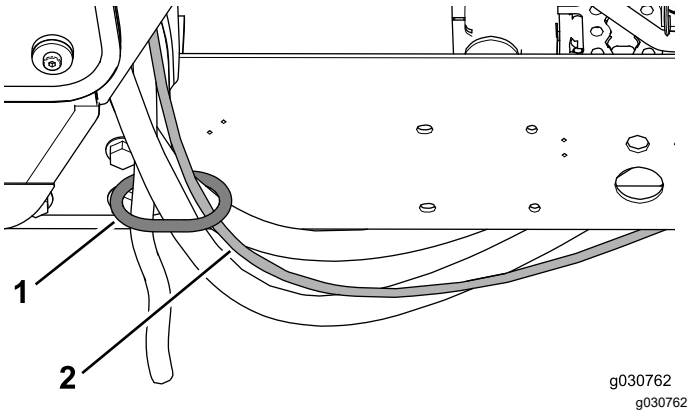


Figure 47

1. Hose ring
2. Washer hose

2. Route the washer hose through the R-clamp and connect it to the washer bottle (Figure 48).

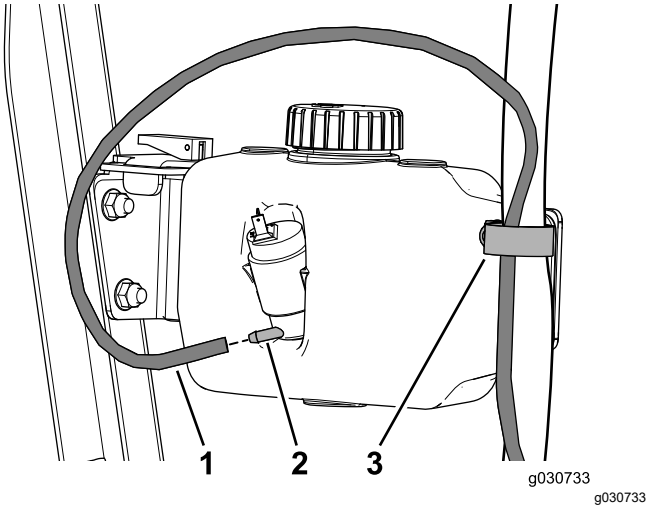


Figure 48

1. Washer hose
2. Bottle connection
3. R-clamp

9

Connecting the Wire Harness

Parts needed for this procedure:

5	Cable tie

Procedure

1. Connect the wire harness from the cab to the wire harness on the right side of the machine (Figure 49).

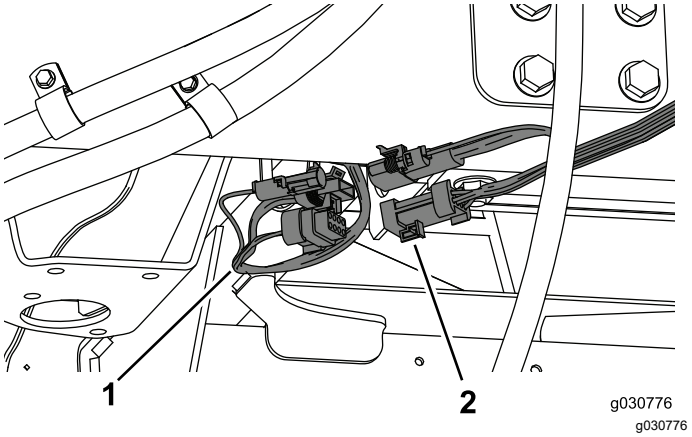


Figure 49

1. Wire harness from the machine
2. Wire harness from the cab

2. Connect the cab power connector to the connector on the right side of the machine (Figure 50).

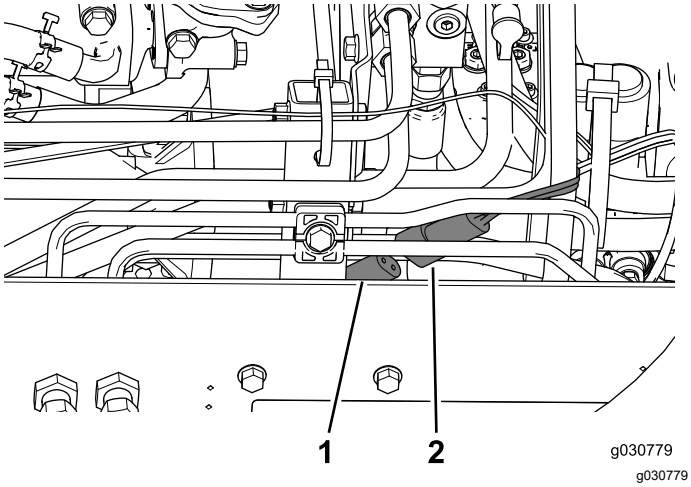


Figure 50

1. Connector from the machine
2. Connector from the cab

3. Connect the wire from the air-conditioner compressor to the bullet connector on the wire harness (Figure 51).

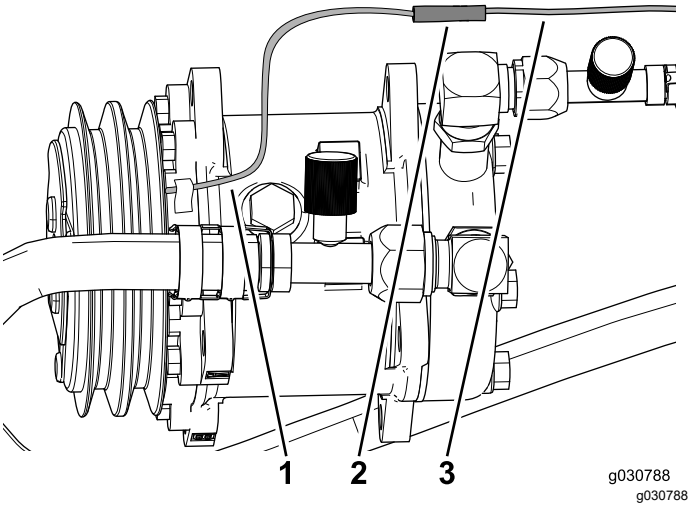


Figure 51

1. Compressor wire
2. Bullet connector
3. Wire harness

4. Route the wire harness for the washer bottle through the R-clamp and connect it to the bottle (Figure 52).

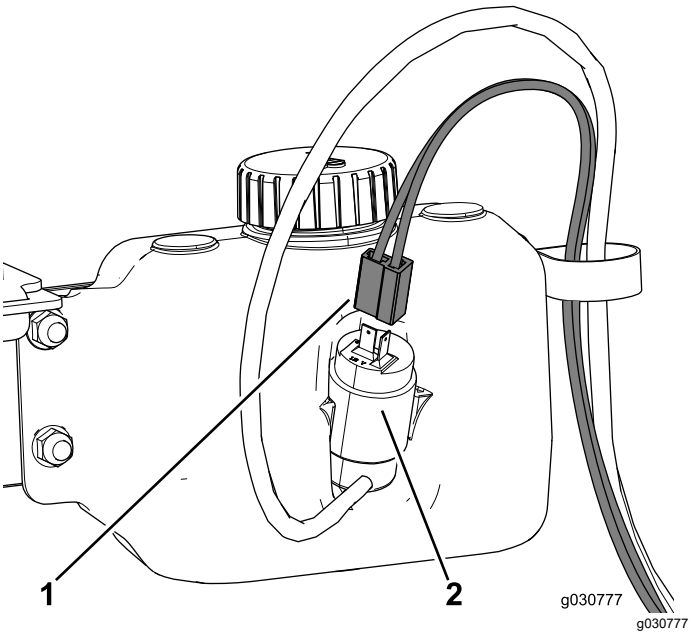


Figure 52

1. Wire harness connector
2. Washer bottle connection

5. Use cable ties to secure the wire harness to the hydraulic hoses and hard lines at the locations shown in Figure 53 and Figure 54.

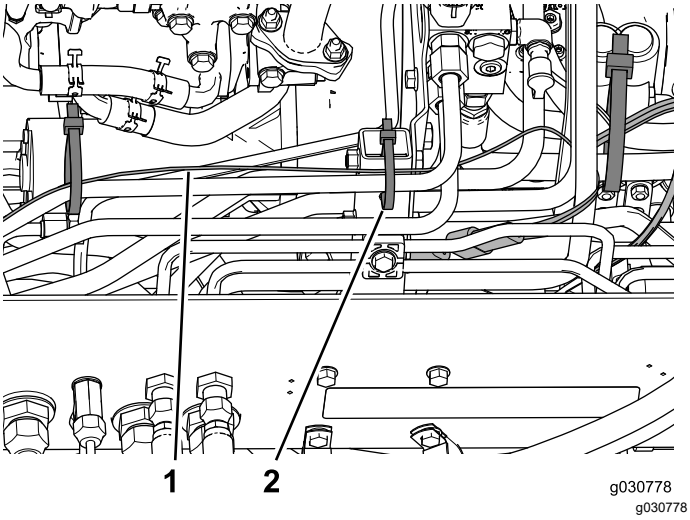


Figure 53

1. Wire harness
2. Cable tie

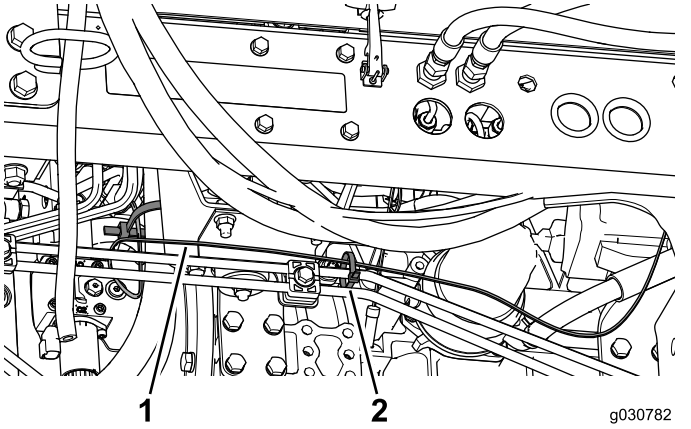


Figure 54

1. Wire harness
2. Cable tie

Important: **Do not secure the wire harness to hot or moving parts.**

10

Applying the Safety Decal

Parts needed for this procedure:

1	Safety decal

Procedure

Follow this procedure only if required by your local road regulations.

Apply the safety decal to the rear window as shown in Figure 55.

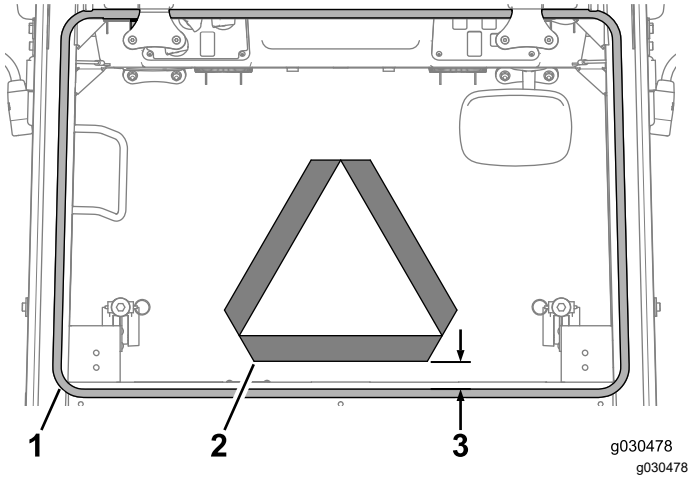


Figure 55

1. Window seal
2. Safety decal
3. 25 mm (1 inch)

11

Completing the Installation

No Parts Required

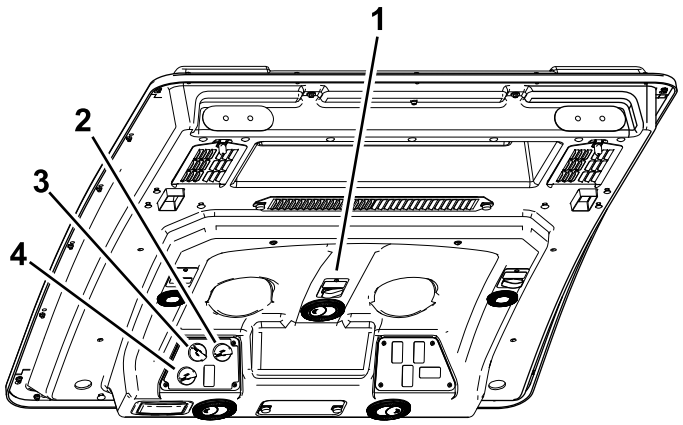
Procedure

1. Top off the coolant to the machine; refer to the *Service Manual*
2. Check for leaks.
3. Check for parts that interfere with moving parts and make any corrections before operating the machine.
4. Use an assistant to adjust the rearview and side mirrors before operating the machine.
5. Remove the chocks from the wheels.
6. Install the battery removed in Removing the Battery (page 4).
7. Connect the positive cable (red) to the positive (+) battery terminal.
8. Connect the negative cable (black) to the negative (-) battery terminal.
9. Check the operation of all controls before operating the machine.
10. Add fluid to the washer bottle.
11. Have a certified service technician charge the AC system:
    - 3 fl oz of PAG 46 oil
    - 55 fl oz of R134A freon
12. Adjust the tire pressure to the following specifications:
    - Front tires: 207 kPa (30 psi)
    - Rear tires: 152 kPa (22 psi)

Product Overview

Controls

Cab Controls



g032995
g032995

Figure 56

1. Windshield-wiper switch
2. Temperature control
3. Fan control
4. Air-recirculation control

Windshield-Wiper Switch

Use this switch to turn the windshield wipers on or off (Figure 56).

Temperature Control

Rotate the temperature control knob to regulate the air temperature in the cab (Figure 56).

Fan Control

Rotate the fan control knob to regulate the speed of the fan (Figure 56).

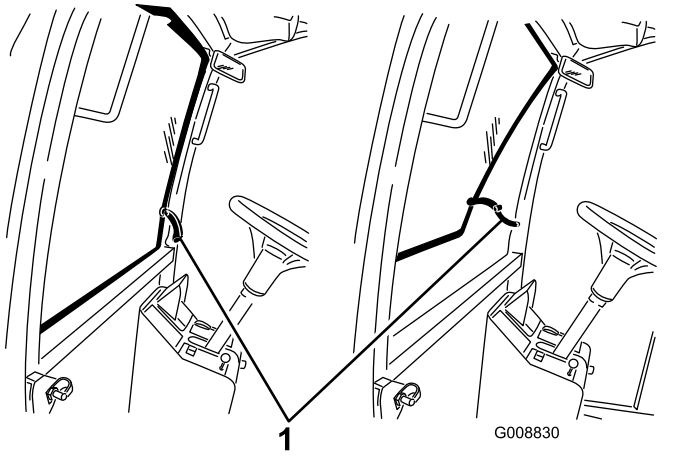
Air Recirculation Control

Sets the cab to either recirculate the air in the cabin or to draw air into the cabin from outside (Figure 56).

- Set it to recirculate the air when using the air-conditioning.
- Set it to draw air in when using the heater or fan.

Windshield Latch

Lift up the latches to open the windshield (Figure 57). Press the latch in to lock windshield to the open position. Pull out and down on the latch to close and secure the windshield.



g008830

Figure 57

1. Windshield latch

Rear-Window Latch

Lift up on the latches to open the rear window. Pull the latch up and out to lock the window in the open position. Pull the latch out and down to close and secure the window (Figure 57).

Important: **Close the rear window before you open the hood to prevent any damage.**

Maintenance

Recommended Maintenance Schedule(s)

Maintenance Service Interval	Maintenance Procedure
Every 250 hours	• Clean the cab air filters; replace them if they are torn or excessively dirty. • Clean the air-conditioning assembly (more frequently in extremely dusty or dirty conditions).

Cleaning

⚠ CAUTION

If you leave the key in the key switch, someone could accidently start the engine and seriously injure you or other bystanders.

Shut off the engine and remove the key before you perform any maintenance.

Cleaning the Cab

Important: **Use care around the cab seals and lights (Figure 58). If you are using a pressure washer, keep the washer wand at least 0.6 m (2 ft) away from the machine. Do not use the pressure washer directly on the cab seals and lights or under the rear overhang.**

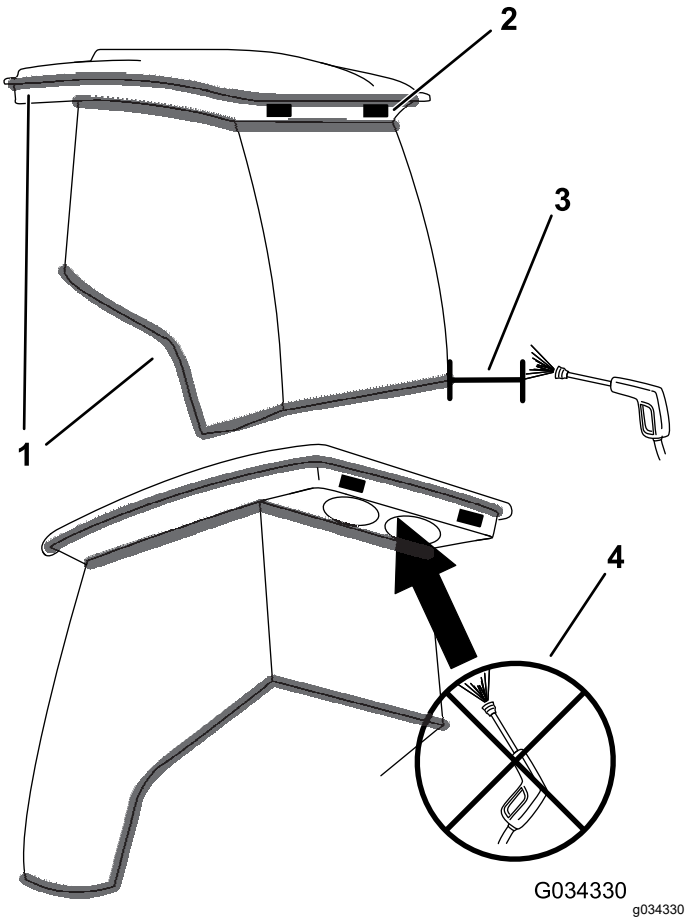


Figure 58

1. Seal
2. Light
3. Keep wand 0.6 m (2 ft) away.
4. Do not pressure-wash under the rear overhang.

Cleaning the Cab Air Filters

Service Interval: Every 250 hours

1. Remove the screws and grates from both the in-cab and rear cab air filters (Figure 59 and Figure 60).

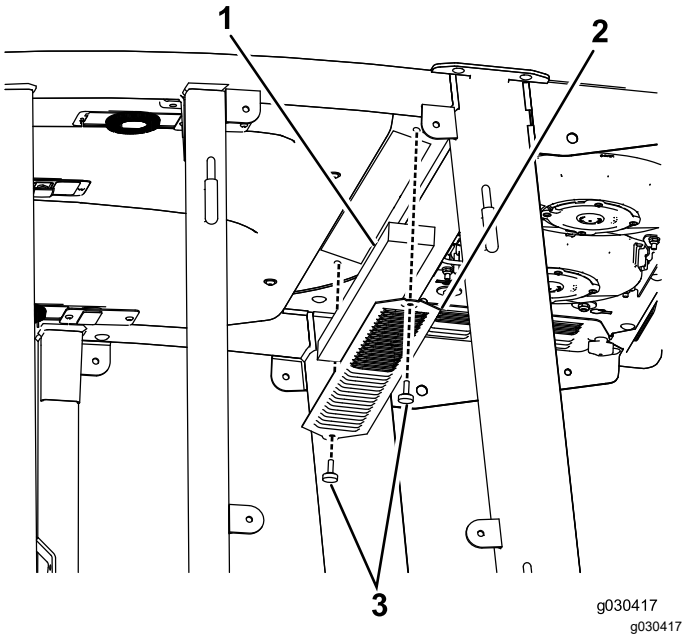


Figure 59
In-Cab Air Filter

1. Filter
2. Grate
3. Screw

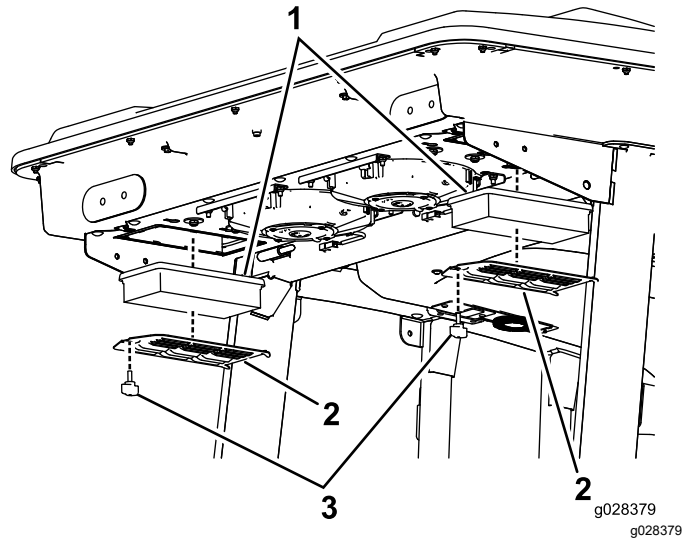


Figure 60
Rear Cab Air Filter

1. Filter
2. Grate
3. Screw

2. Clean the filters by blowing clean, oil-free, compressed air through them.

Important: **If either filter has a hole, tear, or other damage, replace the filter.**

3. Install the filters and the grate with the thumbscrews.

Cleaning the Cab Pre-Filter

The purpose of the cab pre-filter is to prevent large debris, such as grass and leaves from entering the cab filters.

1. Rotate the screen cover down.
2. Clean the filter with water.

   Note: Do not use a pressure washer.

   Important: **If the filter has a hole, tear, or other damage, replace the filter.**

3. Allow the pre-filter to dry before installing it into the machine.
4. Rotate the filter screen around the tabs until the latch locks into the latch-mount assembly (Figure 61).

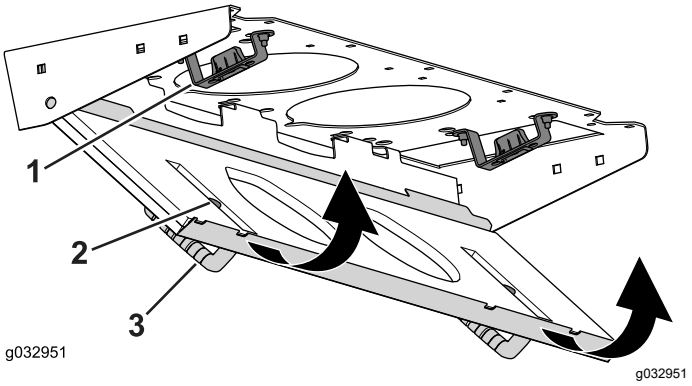


Figure 61

1. Latch-mount assembly
2. Latch
3. Screen cover

Cleaning the Air-Conditioning Assembly

Service Interval: Every 250 hours (more frequently in extremely dusty or dirty conditions).

1. Shut off the engine and remove the key.
2. Disconnect the wire for each fan (Figure 62).

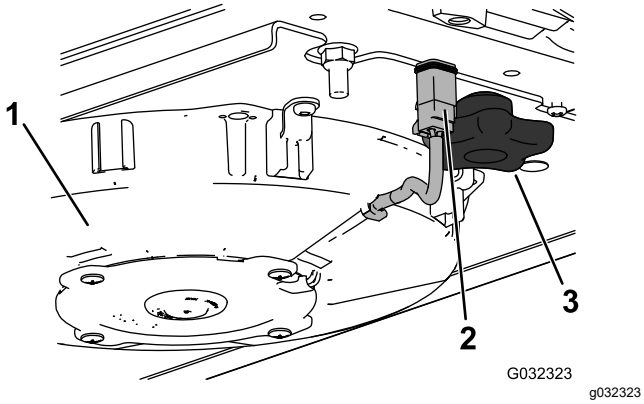


Figure 62
Right fan shown

1. Fan
2. Wire
3. Knob

3. Remove the 2 knobs and remove the fan assembly (Figure 62).
4. Open the 4 latches on the air-conditioning assembly and remove the screen (Figure 63).

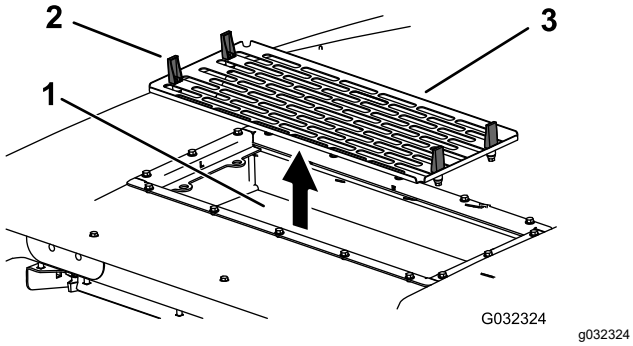
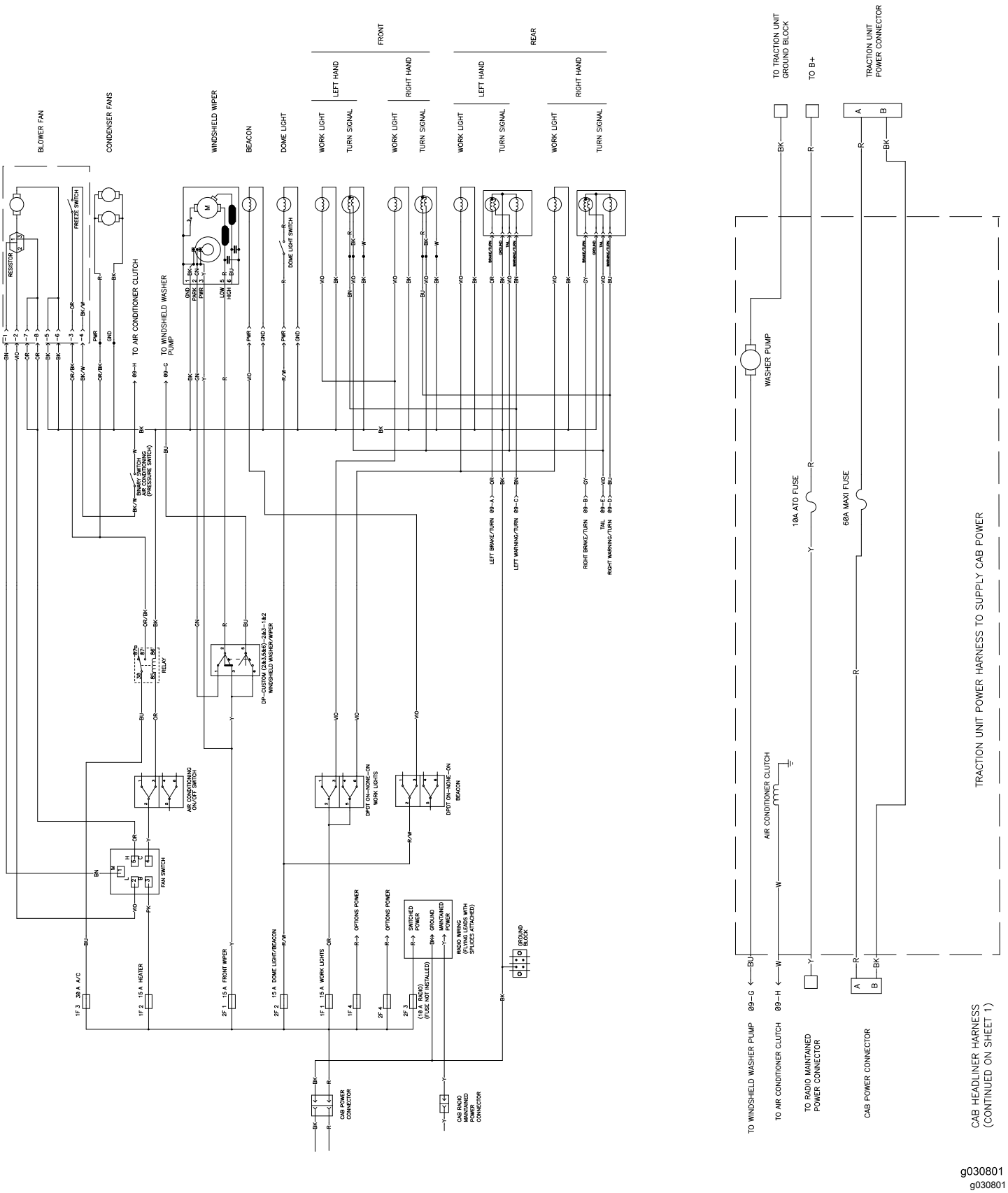


Figure 63

1. Air-conditioning coil
2. Latch
3. Air-conditioning screen

5. Remove the air filters (Figure 60).
6. Clean the air-conditioning assembly.
7. Install the air filters, screen, and fan assembly (Figure 60, Figure 63, and Figure 62).
8. Connect the wire for each fan (Figure 62).

Schematics



g030801
g030801

Electrical Schematic (Rev. A)

European Privacy Notice

The Information Toro Collects
Toro Warranty Company (Toro) respects your privacy. In order to process your warranty claim and contact you in the event of a product recall, we ask you to share certain personal information with us, either directly or through your local Toro company or dealer.

The Toro warranty system is hosted on servers located within the United States where privacy law may not provide the same protection as applies in your country.

BY SHARING YOUR PERSONAL INFORMATION WITH US, YOU ARE CONSENTING TO THE PROCESSING OF YOUR PERSONAL INFORMATION AS DESCRIBED IN THIS PRIVACY NOTICE.

The Way Toro Uses Information
Toro may use your personal information to process warranty claims, to contact you in the event of a product recall and for any other purpose which we tell you about. Toro may share your information with Toro's affiliates, dealers or other business partners in connection with any of these activities. We will not sell your personal information to any other company. We reserve the right to disclose personal information in order to comply with applicable laws and with requests by the appropriate authorities, to operate our systems properly or for our own protection or that of other users.

Retention of your Personal Information
We will keep your personal information as long as we need it for the purposes for which it was originally collected or for other legitimate purposes (such as regulatory compliance), or as required by applicable law.

Toro's Commitment to Security of Your Personal Information
We take reasonable precautions in order to protect the security of your personal information. We also take steps to maintain the accuracy and current status of personal information.

Access and Correction of your Personal Information
If you would like to review or correct your personal information, please contact us by email at legal@toro.com.

Australian Consumer Law

Australian customers will find details relating to the Australian Consumer Law either inside the box or at your local Toro Dealer.

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.