Form No. 3396-658 Rev A

Cab Kit

2015 and After Groundsmaster® 4500/4700-D or Reelmaster® 7000-D Traction Unit

Model No. 30901—Serial No. 315000001 and Up

Operator's Manual

Safety

⚠ WARNING

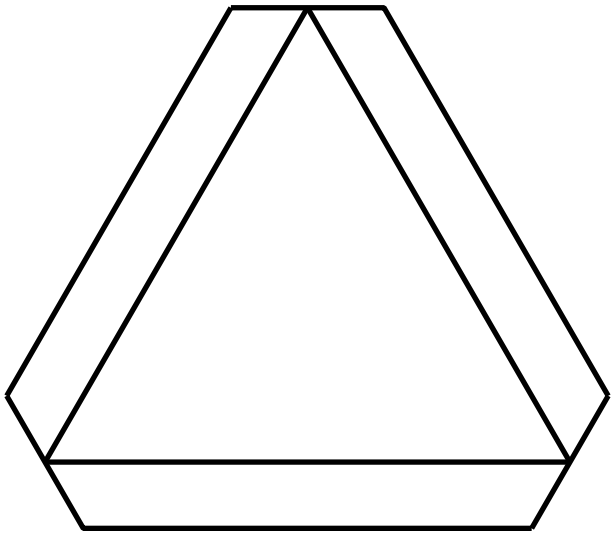
CALIFORNIA
Proposition 65 Warning

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

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 lost.



120–0250
(Cab models)

1. Slow moving vehicle



130–0594

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

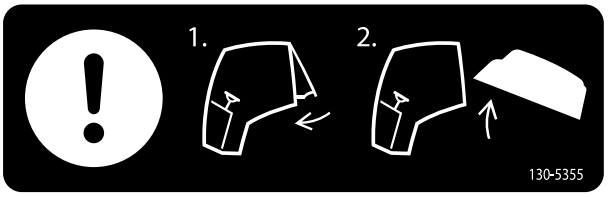
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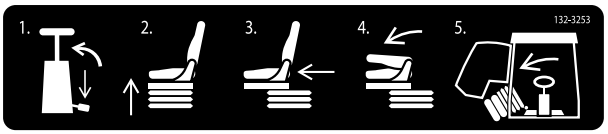
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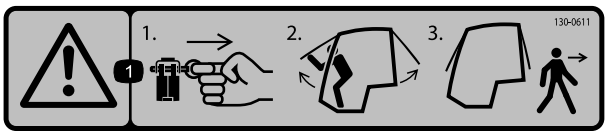
130-5355

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



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.



130-0611

1. Warning—1) Remove the pin; 2) Raise the doors; 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	–	Preparing the machine before you install the cab unit.
2	Left, front mount Right, rear mount Left, rear mount Right, rear mount Rubber isolator	1 1 1 1 4	Prepare the cab mounting hardware.
3	Left foam seal Center foam seal Right foam seal Left, front seal Right, front seal Left side seal Right side seal Left, back foam seal Right, back foam seal Back foam seal	1 1 1 1 1 1 1 1 1 1	Apply the foam seals to the mount and frame.
4	Safety decal	1	Apply the safety decal to the rear window.

Procedure	Description	Qty.	Use
5	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.
6	Cab Bolt (1/2 x 3-1/4 inch) Washer (2-1/4 inches) diameter Washer (1-3/8 inches) diameter Flange nuts	1 4 4 2 4	Install the cab unit to the machine.
7	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.
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	1 1 1 4 4 1 1 1	Install the washer tank and mount.
9	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.
10	Cable tie	5	Connect the wire harness.
11	No parts required	–	Complete the installation.

1

Preparing the Machine

No Parts Required

Positioning the Machine

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

   Note: Verify your hoist system is capable of safely supporting the cab unit over the machine during the installation.

2. Move the machine underneath the hoist, shut the engine off, and remove the key from the ignition switch.
3. Chock the wheels to prevent the machine from moving during the installation.
4. Remove the battery; refer to the *Operator's Manual*.
5. Allow the engine coolant to cool and then drain the coolant from the machine; refer to the *Service Manual*.

Removing the ROPS Top Bolts

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

1. Remove the bolt securing the storage compartment located on the left side of the machine (Figure 1) and set it aside.

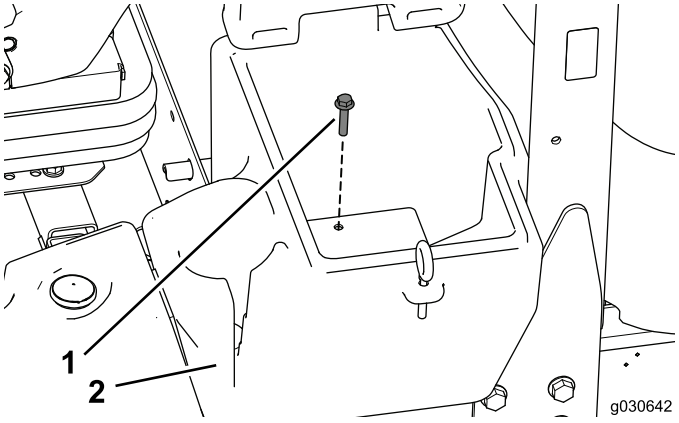


Figure 1

1. Bolt
2. Storage compartment

2. Remove the storage compartment and set it aside.
3. Remove the 2 bolts, reinforcement plate, and flange nuts securing the ROPS to the top of the frame (Figure 2).

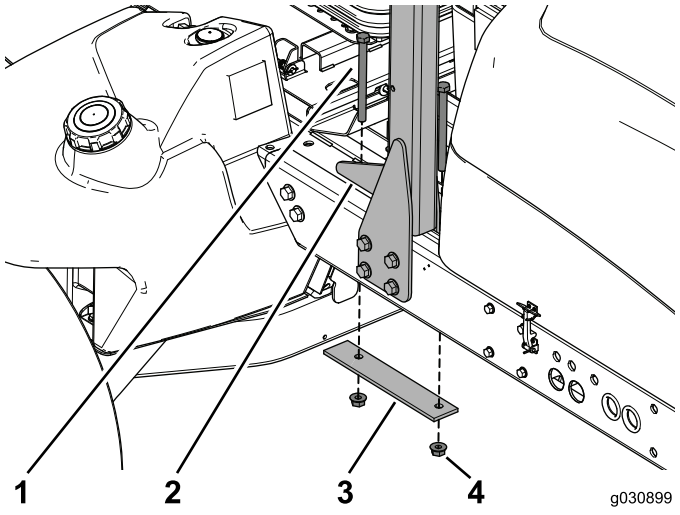


Figure 2

1. Bolt
2. ROPS
3. Reinforcement plate
4. Flange nut

Note: Set aside the 2 bolts, reinforcement plate, and 2 flange nuts to use when you install the cab unit.

4. Remove the screw securing the wiring-harness plate and the bolt securing the battery compartment (Figure 3) and set them aside.

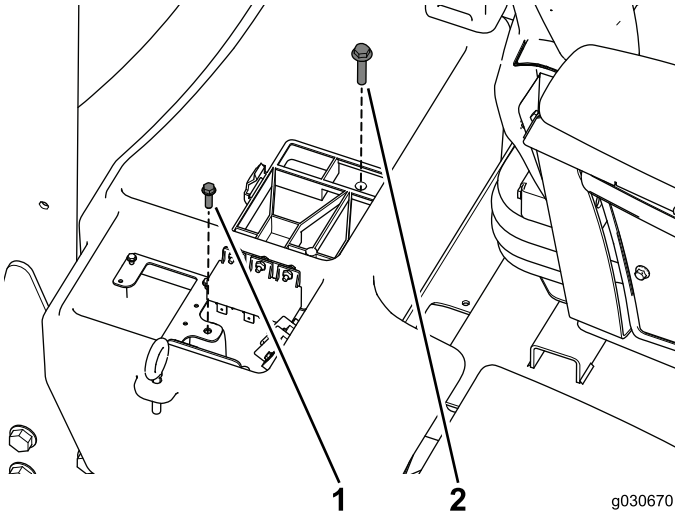


Figure 3

1. Screw
2. Bolt

5. Remove bolt securing the battery-compartment clamp and set aside the bolt and the clamp (Figure 4).

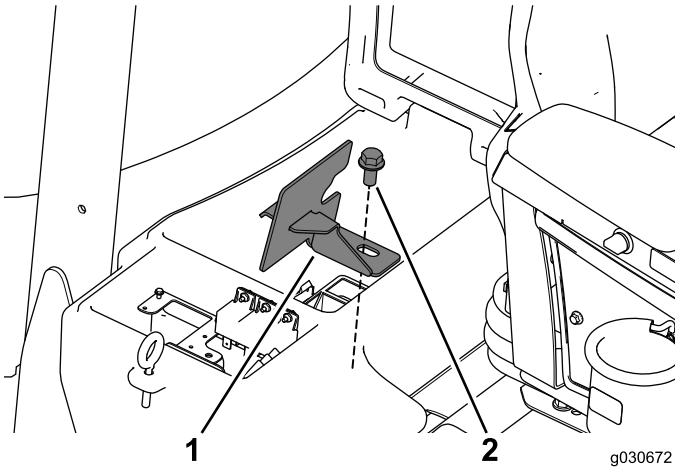


Figure 4

1. Battery-compartment clamp
2. Bolt

6. Arrange the wiring-harness plate and battery compartment to allow you to remove 2 bolts, reinforcement plate, and flange nuts that securing the ROPS to the top of the frame (Figure 5).

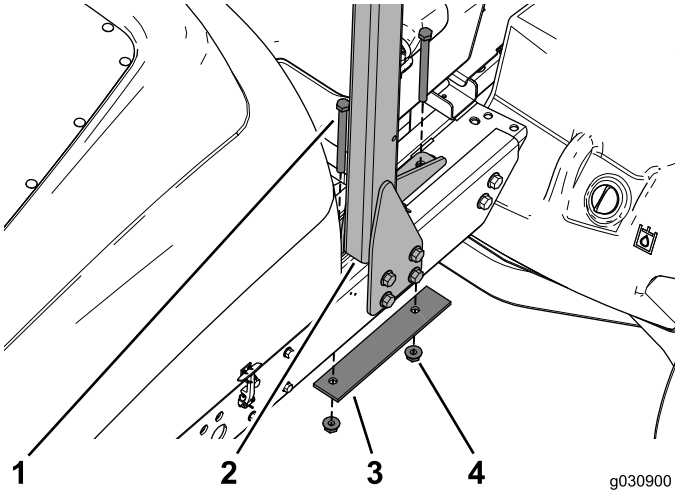


Figure 5

1. Bolt
2. ROPS
3. Reinforcement plate
4. Flange nut

Note: Set aside the 2 bolts, reinforcement plate, and 2 flange nuts to use when you install the cab unit.

Removing the ROPS

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

1. Remove the bolts securing the ROPS to the left side of the machine (Figure 6).

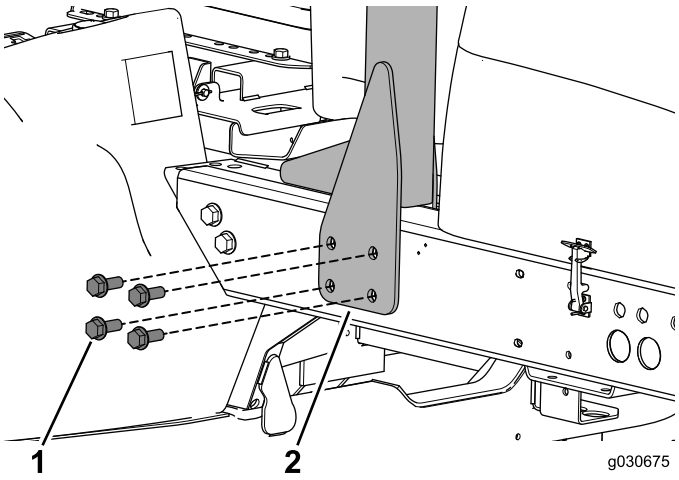


Figure 6

1. Bolts
2. ROPS

Note: Set aside the bolts to use when you install the cab unit.

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

2

Preparing the Cab Mounts

Parts needed for this procedure:

1	Left, front mount
1	Right, rear 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 7).

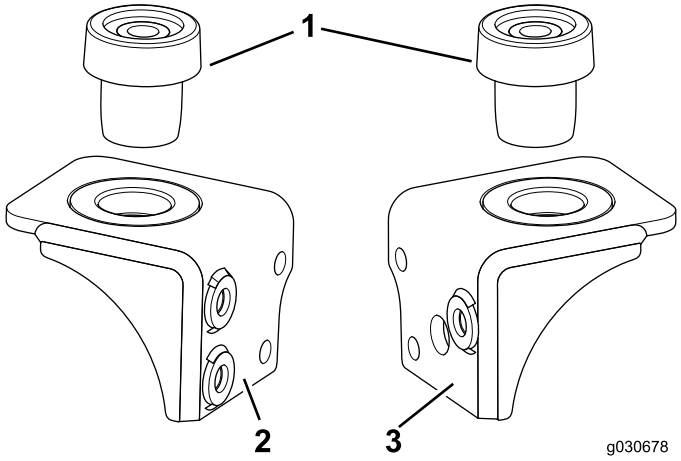


Figure 7

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 hole.

Drilling the Front Mount Hole

Follow this procedure only if necessary.

Locate and drill 2 holes for the right, front mount as shown in Figure 8.

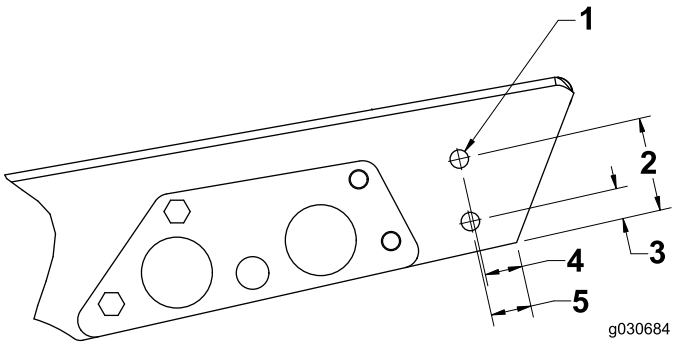


Figure 8

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 mounts on the cab frame (Figure 9).

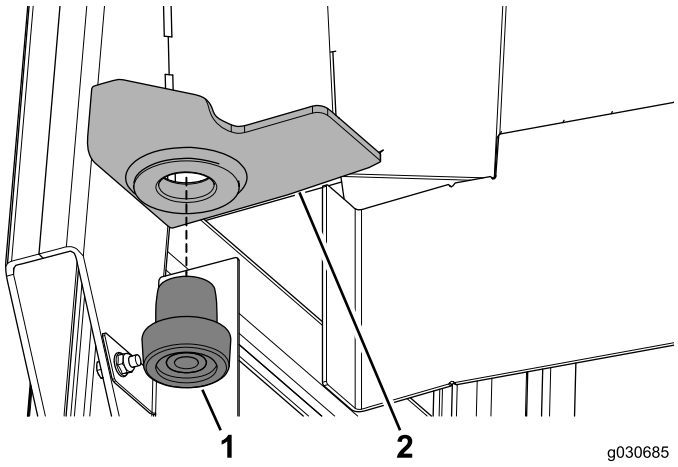


Figure 9

1. Rubber isolators
2. Left, rear mount

2. Press a rubber isolators into the hole of the right, rear mounts on the cab frame (Figure 10).

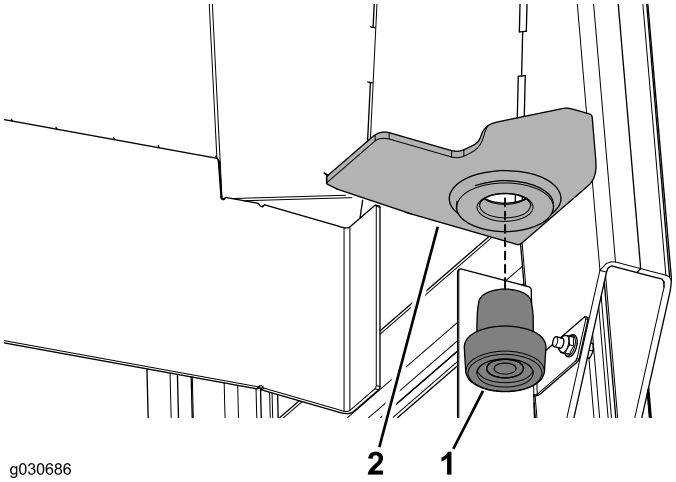


Figure 10

1. Rubber isolators
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 foam seal
1	Center foam seal
1	Right foam seal
1	Left, front seal
1	Right, front seal
1	Left side seal
1	Right side seal
1	Left, back foam seal
1	Right, back foam seal
1	Back foam seal

Applying the Front Seals

Apply the center and then the left and right foam seals approximately 3 mm (1/8 inch) from the edge on the front of the cab unit (Figure 11).

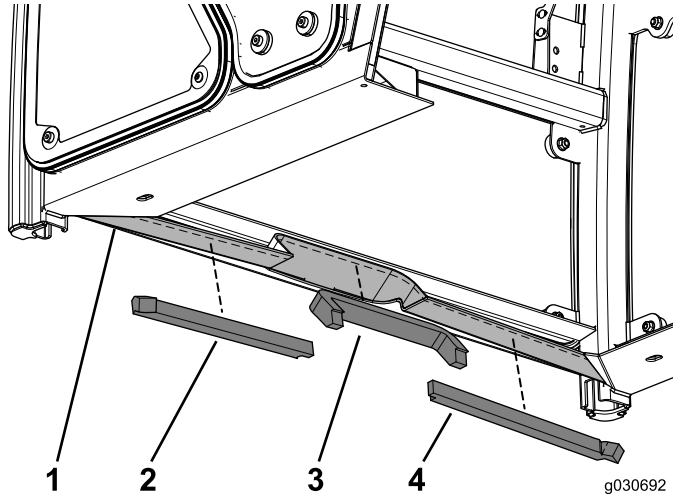


Figure 11

1. Application area
2. Left foam seal
3. Center foam seal
4. Right 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 front left side foam seal approximately 3 mm (1/8 inch) from the edge on the front, left section of the cab unit (Figure 12).

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

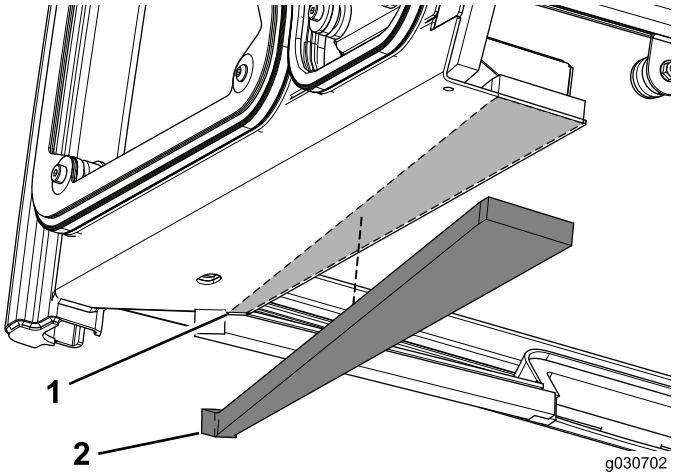


Figure 12

1. Application area
2. Front side foam seal

2. Apply the right, front side 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 13).

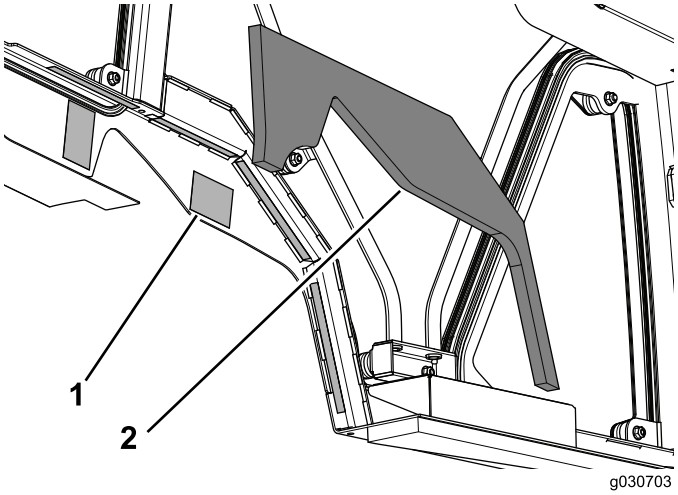


Figure 13

1. Double-faced tape
2. Side foam seal

4. Apply the left side foam to the cab unit (Figure 13).
5. Apply the right side foam to the cab unit.

Applying the Back Foam Seals

1. Remove the paper backing from the double-faced tape at the back of the cab unit (Figure 14).

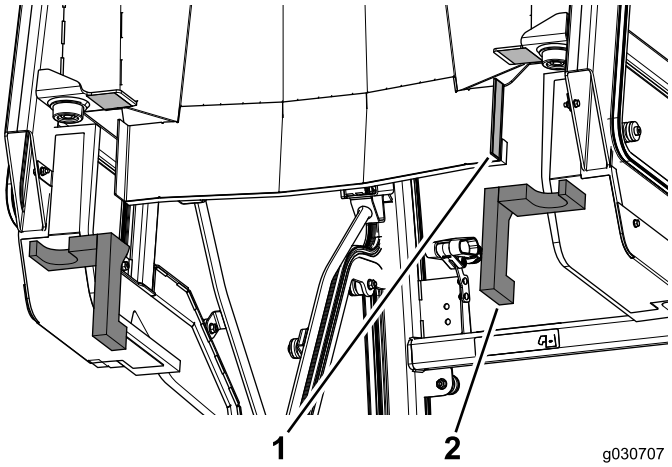


Figure 14

1. Double-faced tape
2. Side back foam seal

2. Apply the side back foam seals to the cab unit (Figure 14).
3. Apply the back foam seal to the back of the cab unit (Figure 15).

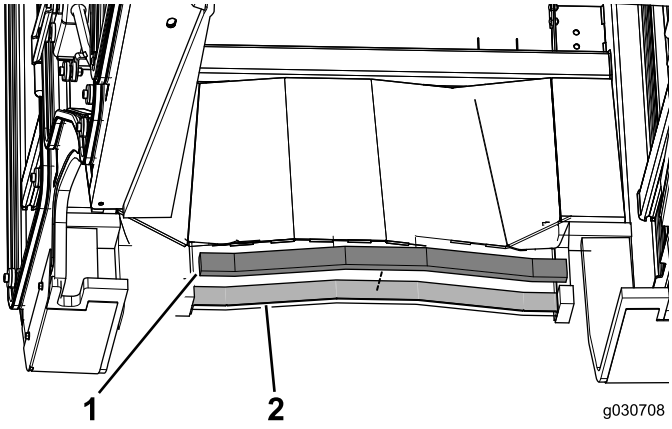


Figure 15

1. Back foam seal
2. Application area

4

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 16.

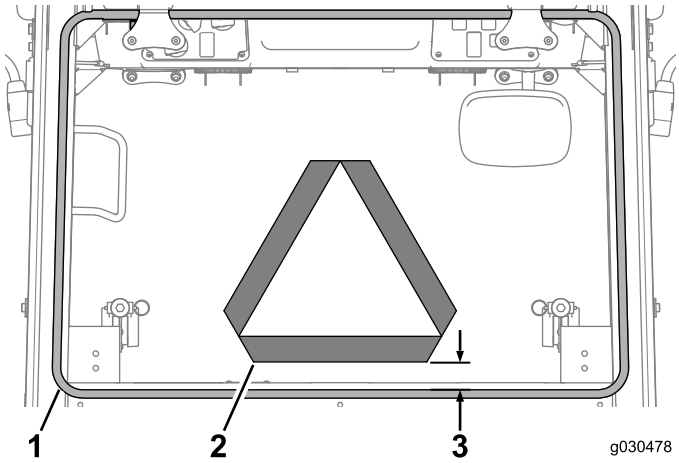


Figure 16

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

5

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 17).

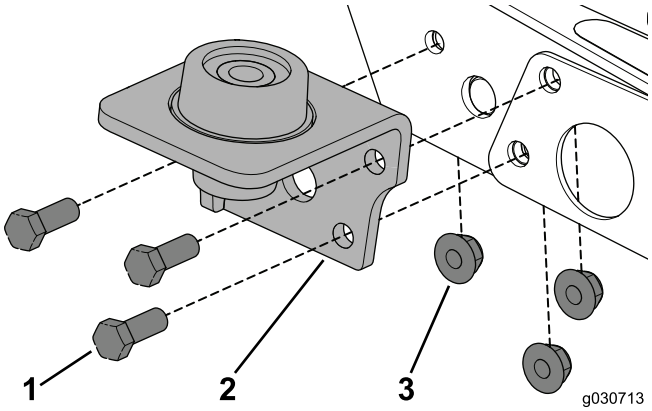


Figure 17

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

2. Torque the bolt and nut 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 18).

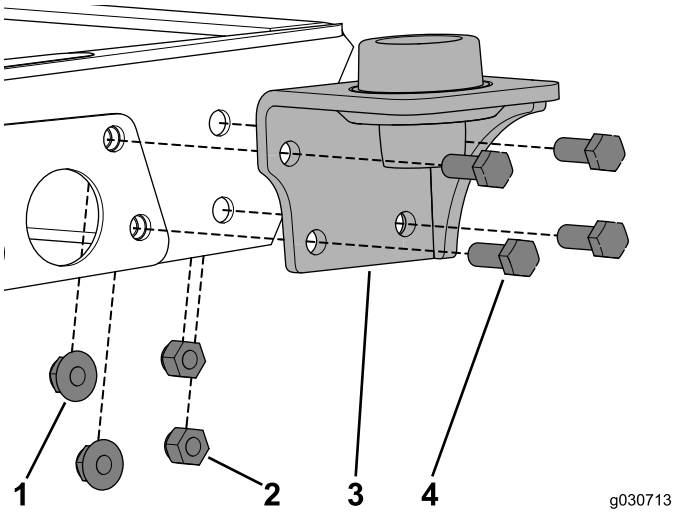


Figure 18

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

2. Torque the bolt and nut to 37 to 45 N-m (27 to 33 ft-lb).

Installing the Left Rear Mount

1. Use the hardware you removed with the ROPS to secure the rear mount to the frame (Figure 19).

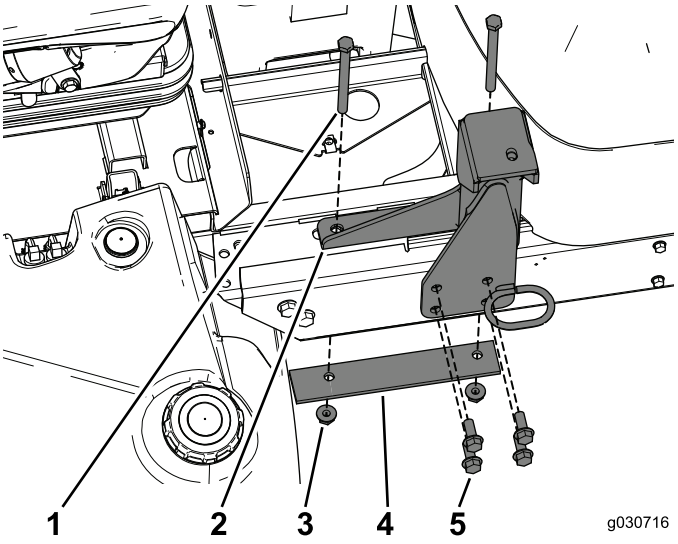


Figure 19

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 bolt (1/2 x 6 inches) and nut to 91 to 113 N-m (67 to 83 ft-lb).
3. Torque the bolt (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 hardware you removed with the ROPS to secure the rear mount to the frame (Figure 20).

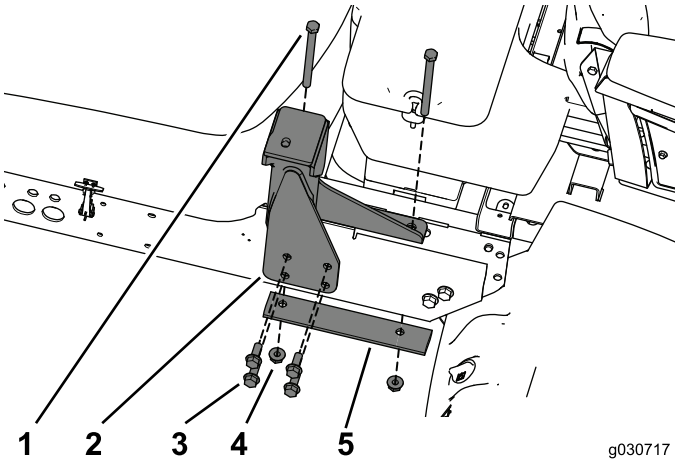


Figure 20

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

2. Torque the bolt (1/2 x 6 inches) and nut to 91 to 113 N-m (67 to 83 ft-lb).
3. Torque the bolt (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 securing the storage compartment to the machine (Figure 21).

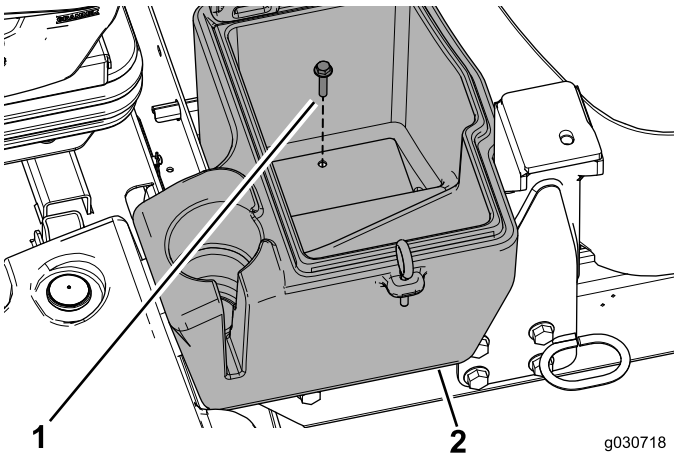


Figure 21

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

5. Use the screw to secure the wiring harness plate and the bolt (1/2 x 1 inch) to secure the battery-compartment clamp and the battery compartment to the machine (Figure 22).

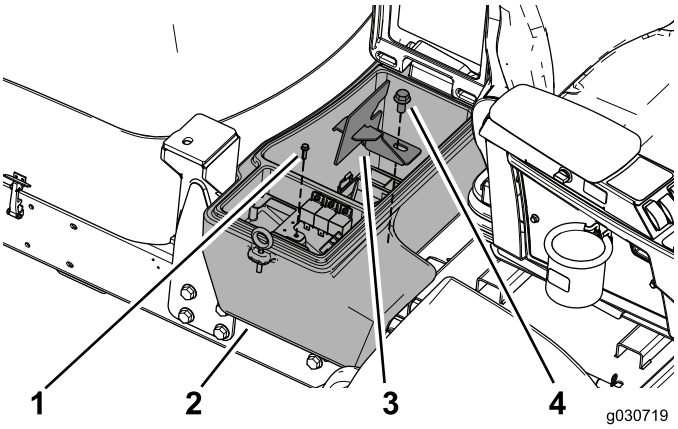


Figure 22

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

6. Install the battery; refer to the *Operator's Manual*.

6

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) diameter
2	Washer (1-3/8 inches) diameter
4	Flange nuts

Installing the Cab Unit to the Machine

1. Use the 4 lift points to support the cab above the machine (Figure 23).

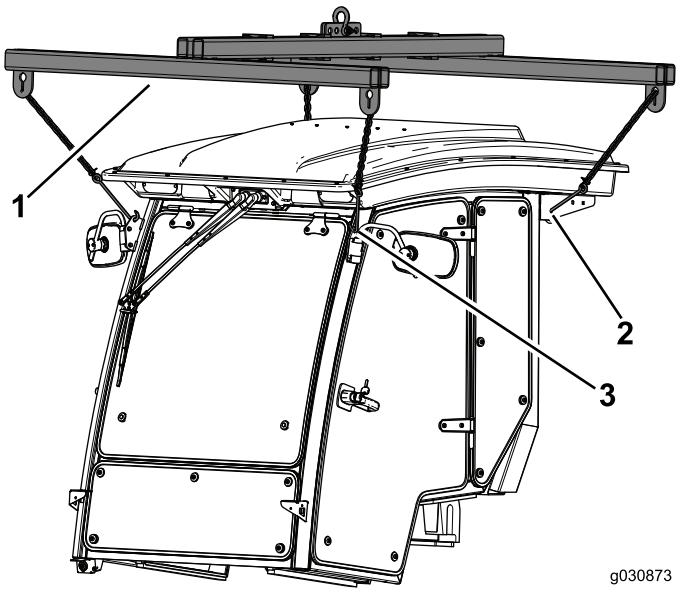


Figure 23

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

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

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), a washer (2-1/4 inches) diameter, and locknut to secure the cab to the rear mounts on the machine (Figure 24).

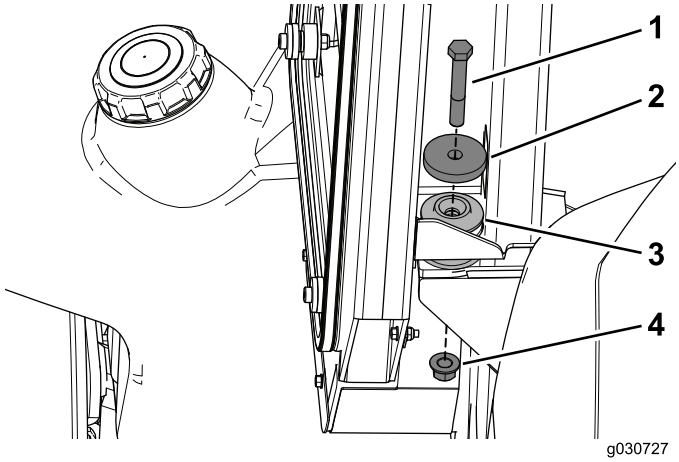


Figure 24

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

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

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

5. Use a bolt (1/2 x 3-1/4 inch), a washer (1-3/8 inches) diameter, a washer (2-1/4 inches) diameter, and locknut to secure the cab to the front mounts on the machine (Figure 25).

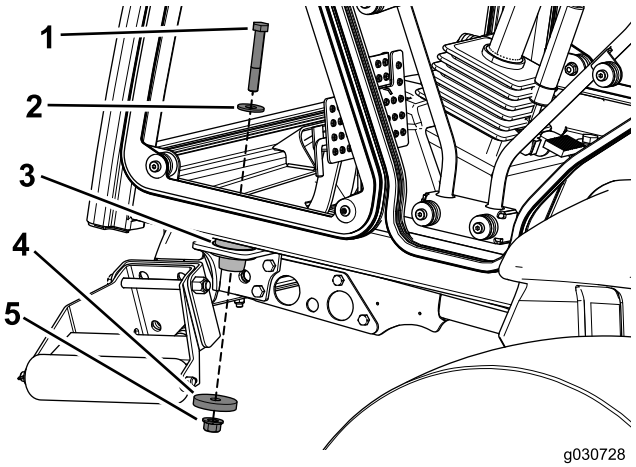


Figure 25

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

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

7

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 on to the cab frame (Figure 26).

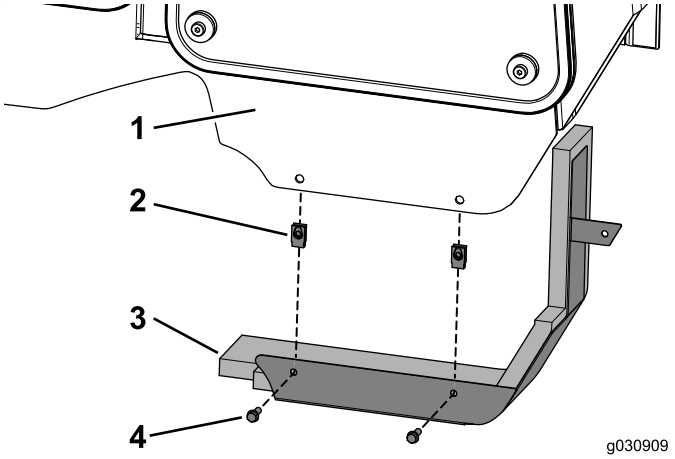


Figure 26

1. Cab frame
2. Clip nut
3. Left, rear foam 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 26.
3. Locate and drill a hole large enough for the bolt (1/4 x 3/4 inch) to secure the tab on the panel assembly (Figure 27).

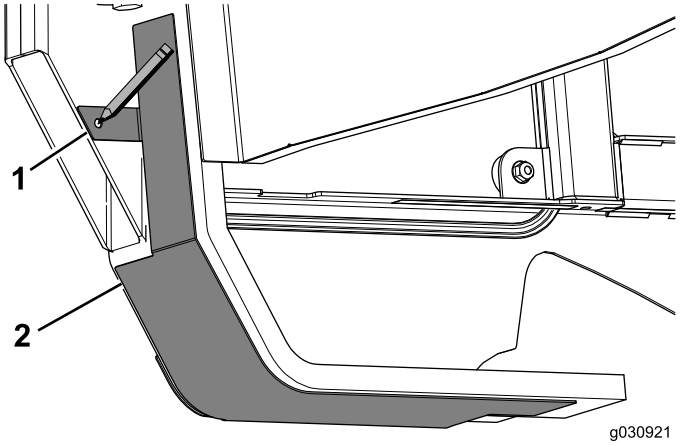


Figure 27

1. Tab
2. Foam assembly

Note: Remove the panel assembly before you drill the hole.

4. Use the bolt (1/4 x 3/4 inch) and flange nut to complete the installation of the panel assembly (Figure 28).

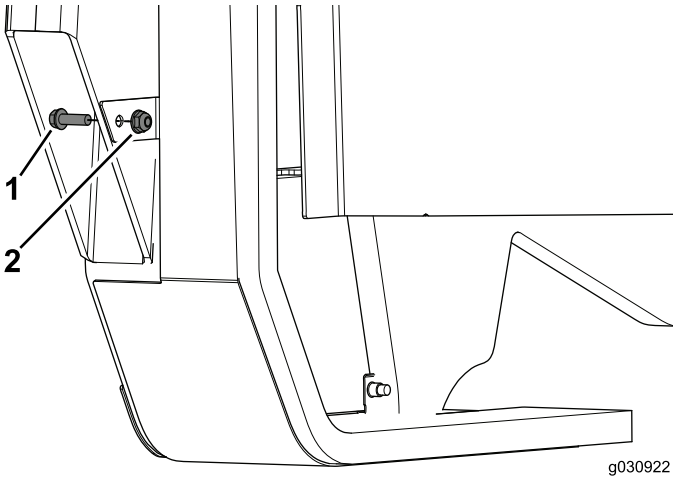


Figure 28

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

5. Torque the bolt and nut to 1017 to 1243 N-cm (90 to 110 in-lb).
6. 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 29).

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

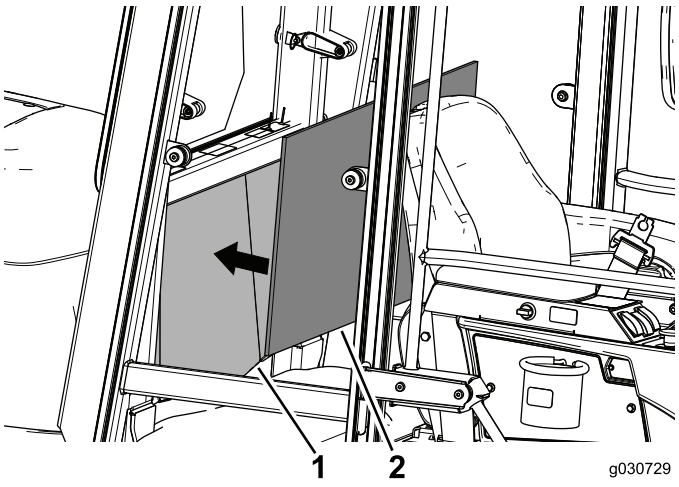


Figure 29

1. Cab
2. Upholstery panel

3. Remove one 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 will be centered once it is completely installed.
5. Adhere the panel one 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 operators seat.
3. Tuck in the edges of the blanket around the operators 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.

   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 the installation area is clean.
2. Install the floor tread onto the platform inside of the cab.

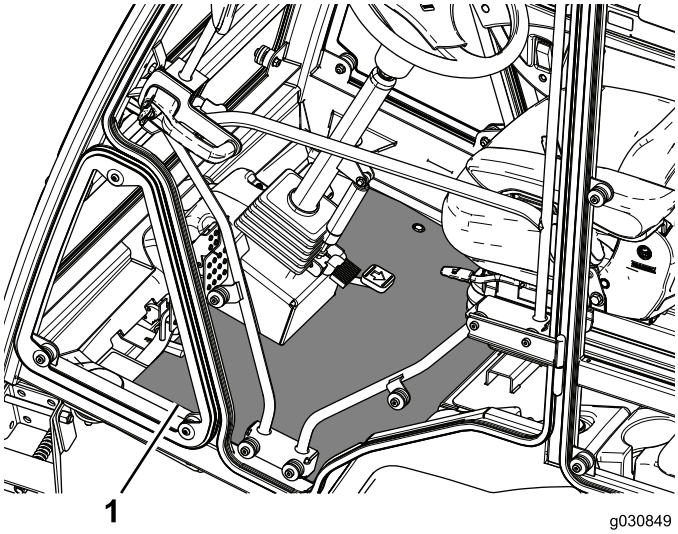


Figure 30

1. Floor tread

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

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

Installing the Washer Tank and Mount

1. Use the 2 carriage bolts and locknuts to secure the tank plate to the coolant-bottle support (Figure 31)

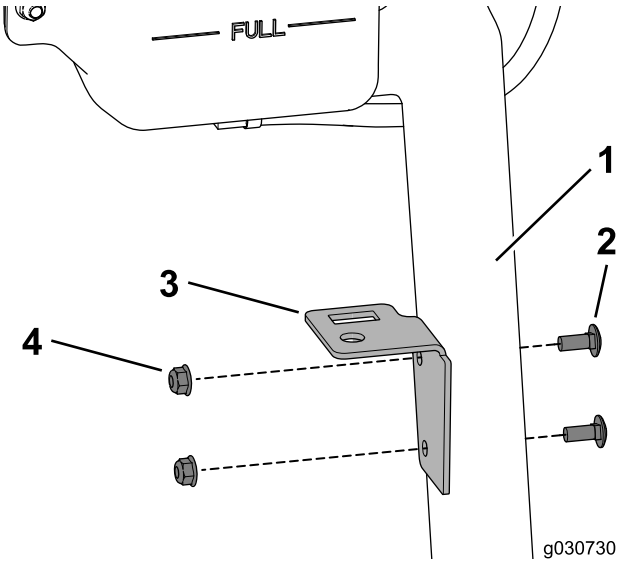


Figure 31

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

2. Torque the bolt and nut to 1978 to 2542 N-cm (175 to 225 in-lb).
3. Use the 2 carriage bolts and locknuts to secure the washer bottle and R-clamp to the tank mount (Figure 32).

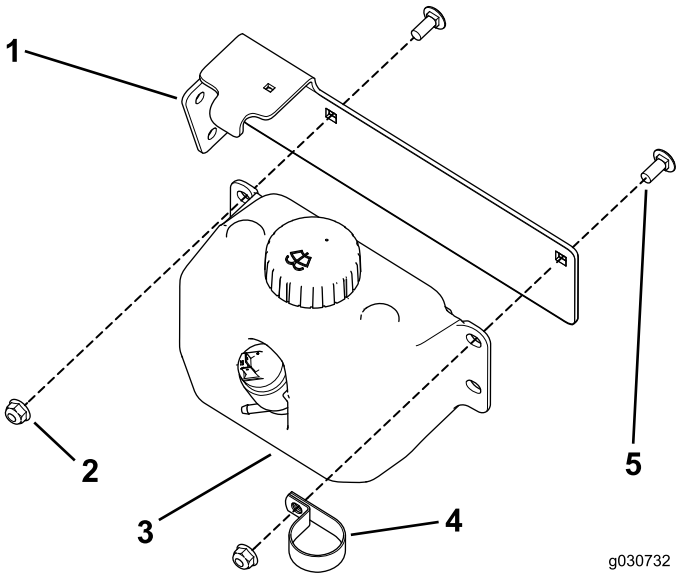


Figure 32

1. Tank mount
2. Flange nut
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 33).

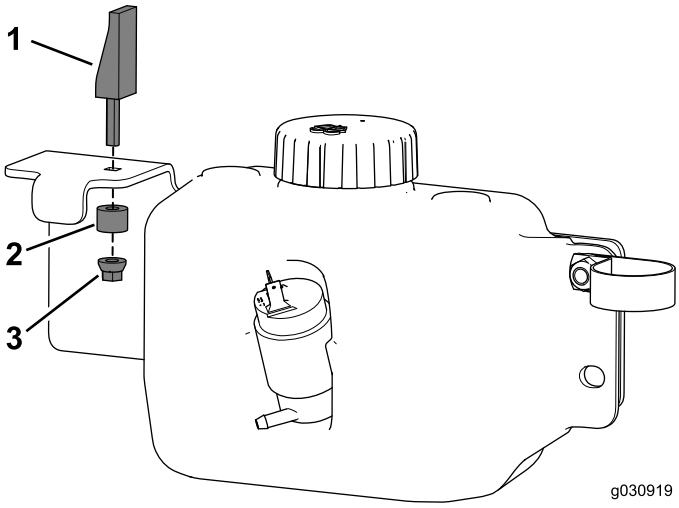


Figure 33

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 34).

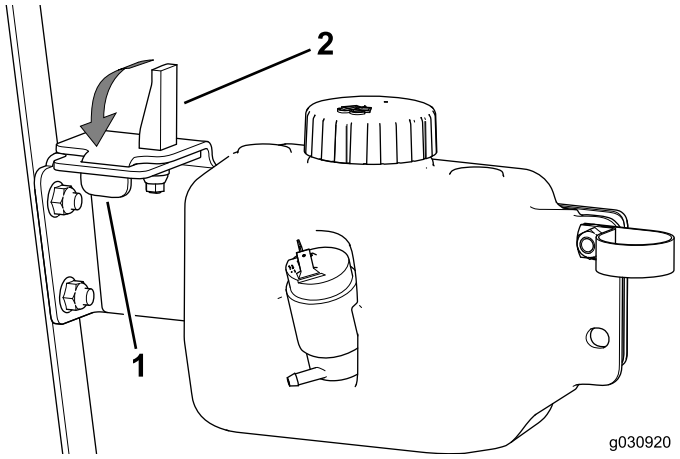


Figure 34

6. Flip the swell-latch lever down (Figure 34).

   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.

9

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 remove the heater supply and return hose plugs from the engine and install the fitting (3/8 NPT x 0.625 barb) as shown in Figure 35.

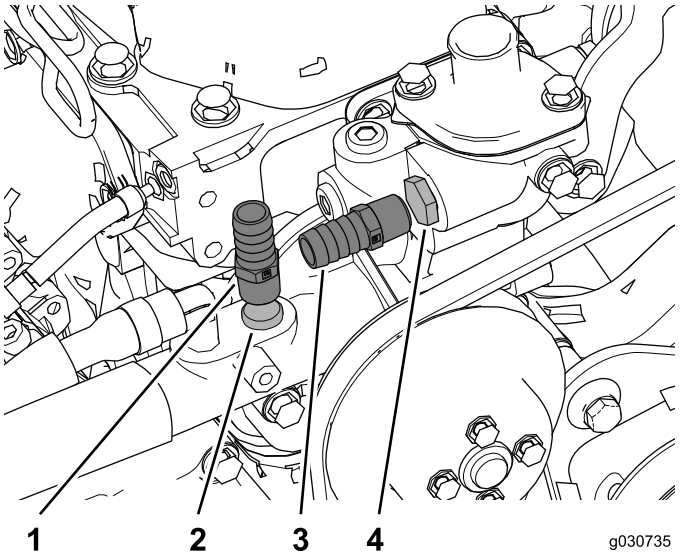


Figure 35

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 fitting (3/8 NPT x 0.625 barb) into the engine 2 to 3 turns from finger-tight.
4. Route the hoses for the heater and the drain hose through the hose ring on the rear cab mount (Figure 36).

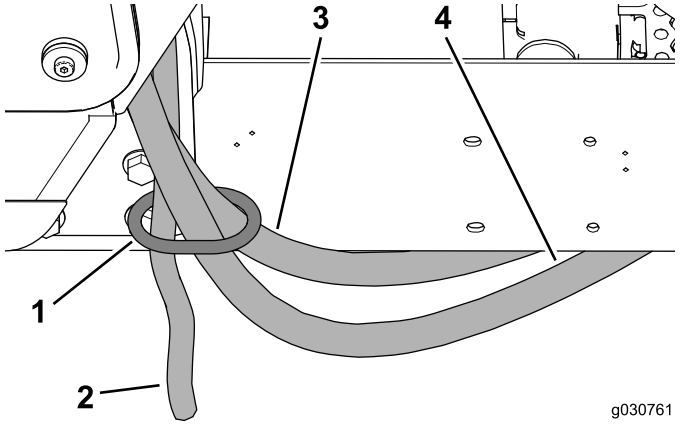


Figure 36

1. Hose ring
2. Drain hose
3. Heater hose
4. Heater 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 37.

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

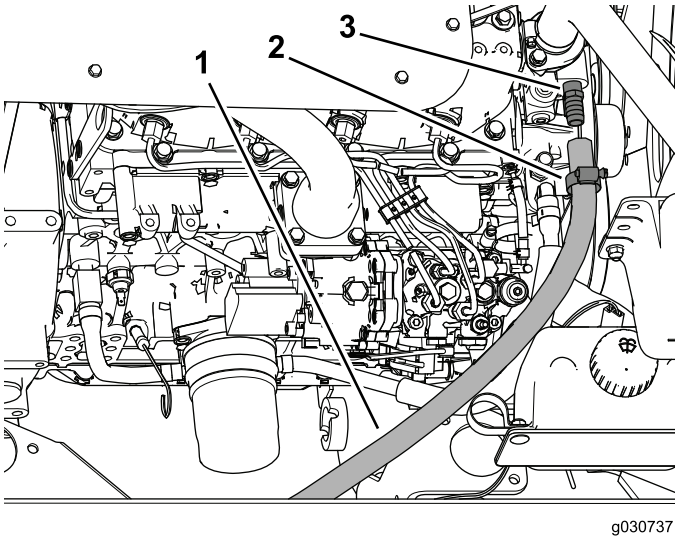


Figure 37

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 38.

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

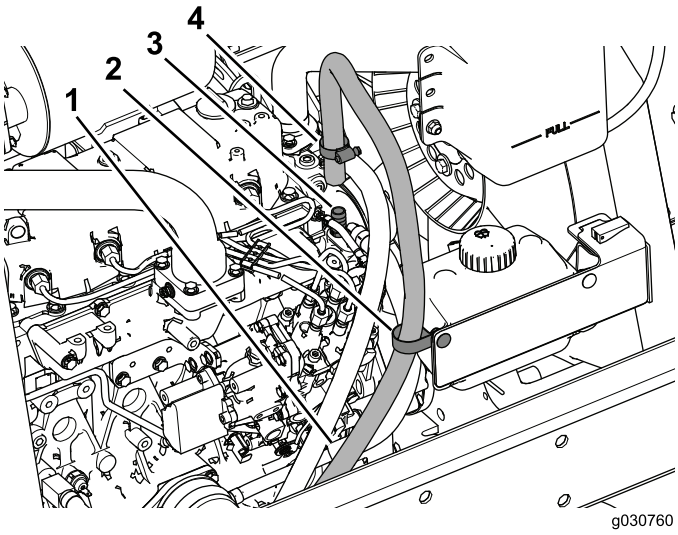


Figure 38

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

Connecting the Washer Hose

1. Route the washer hose through the hose ring on the rear cab mount (Figure 39).

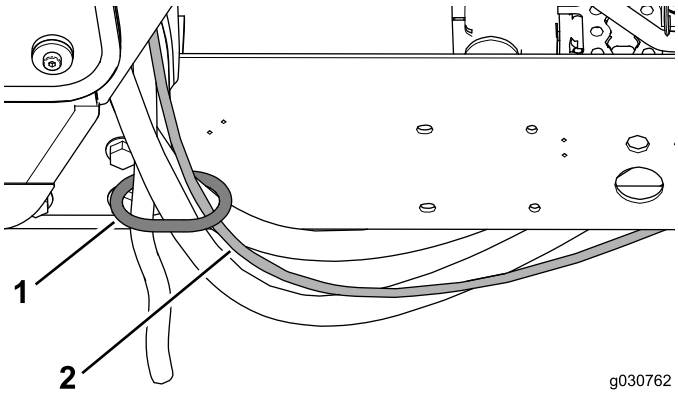


Figure 39

1. Hose ring
2. Washer hose

2. Route the washer hose through the R-clamp and connect it to the washer bottle (Figure 40).

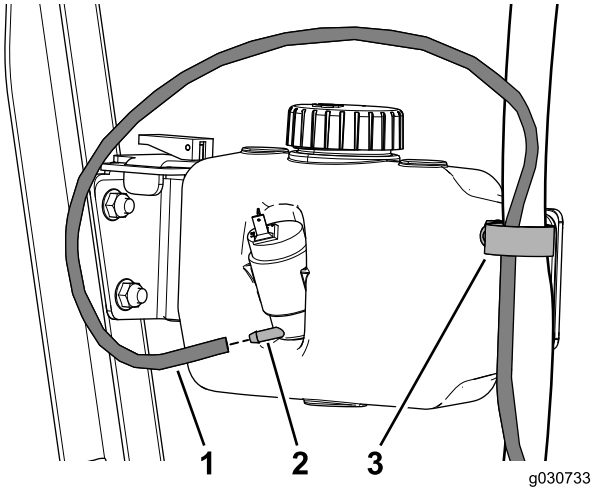


Figure 40

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

Installing the Air-Conditioner Fittings

1. Install the right-angle fitting (7/8 inch) to the low-pressure or suction port on the air-conditioning pump (Figure 41).

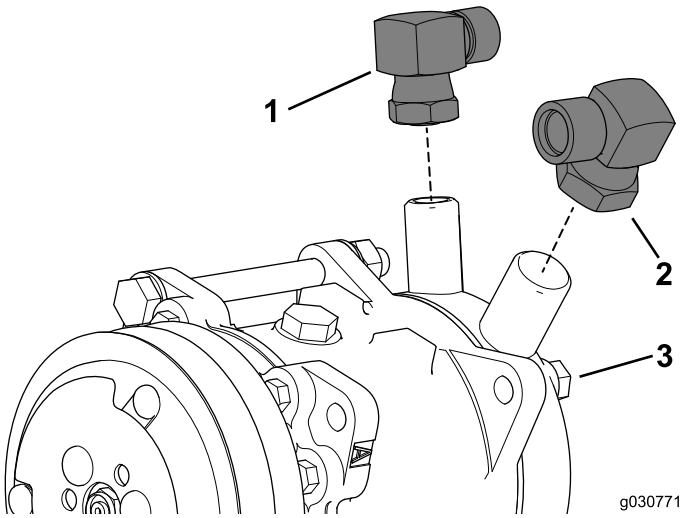


Figure 41

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

2. Torque the fitting to 34 to 47 N-m (25 to 35 ft-lb)
3. Install the right-angle fitting (3/4 inch) to the high-pressure or discharge port on the air-conditioning pump (Figure 41).
4. Torque the fitting to 34 to 47 N-m (25 to 35 ft-lb)

Connecting the Air-Conditioning Hoses

Note: Thoroughly lubricate the O-ring before installing the fittings.

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 42.

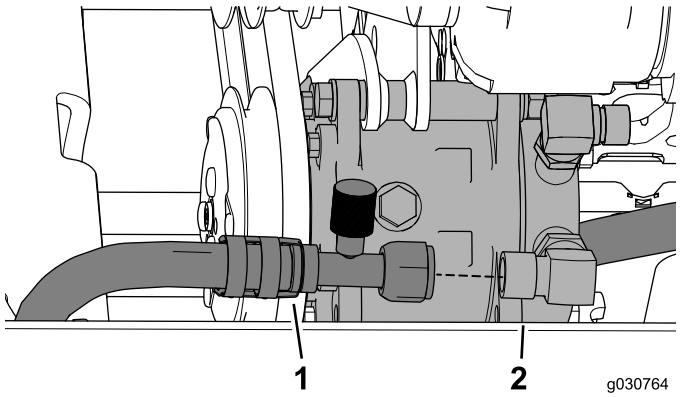


Figure 42

1. Low-pressure hose
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 43.

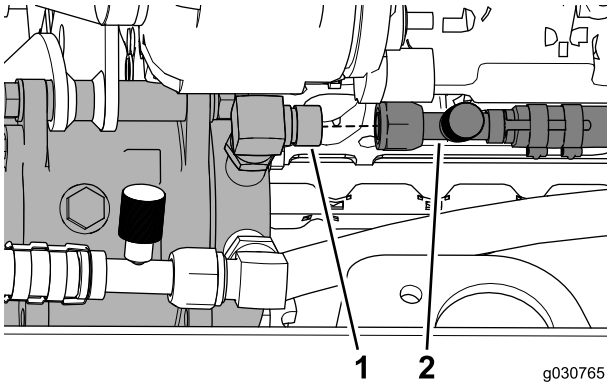


Figure 43

1. Right-angle fitting (3/4 inch)
2. High-pressure hose

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 44).

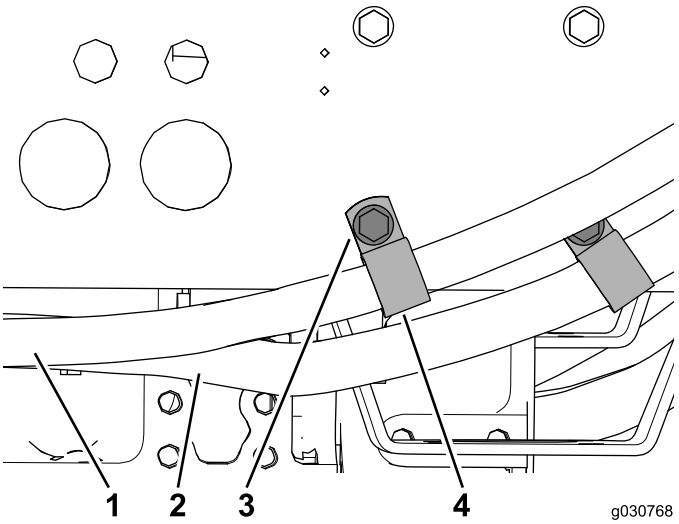


Figure 44

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

10

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 45).

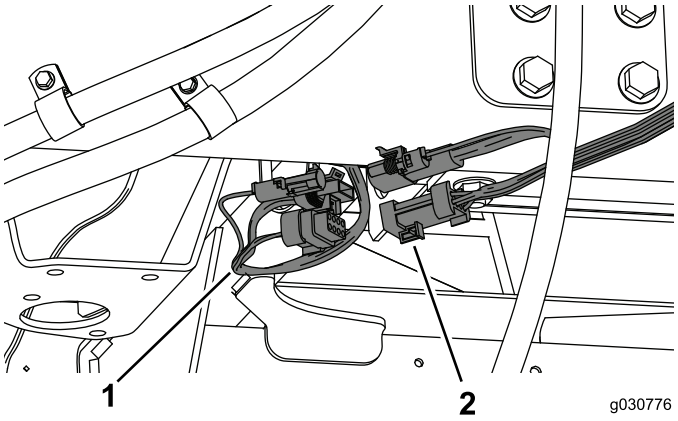


Figure 45

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 46).

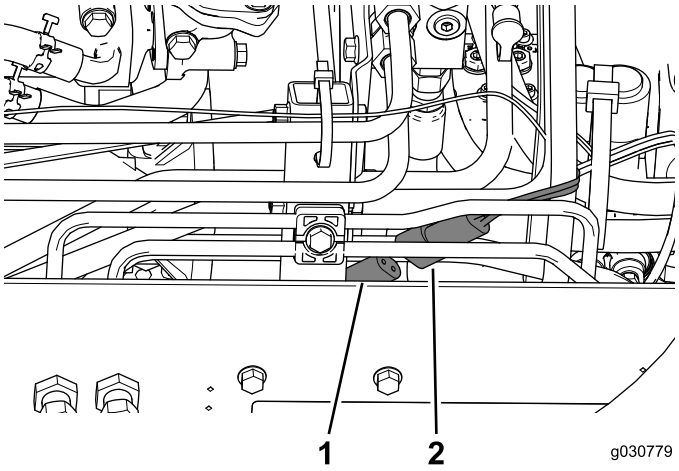


Figure 46

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 47).

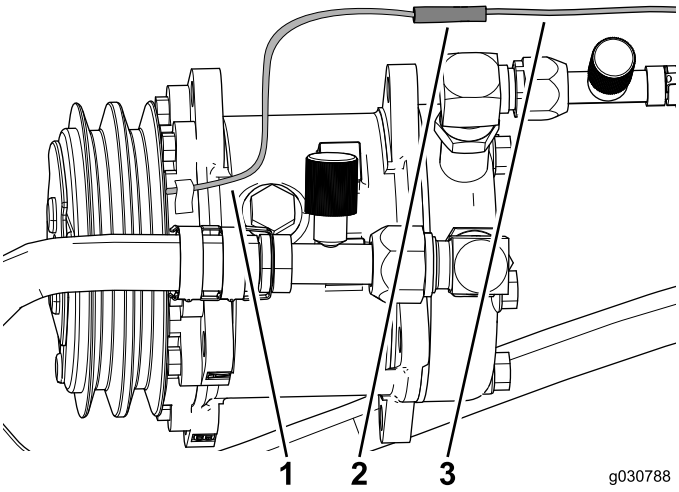


Figure 47

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 48).

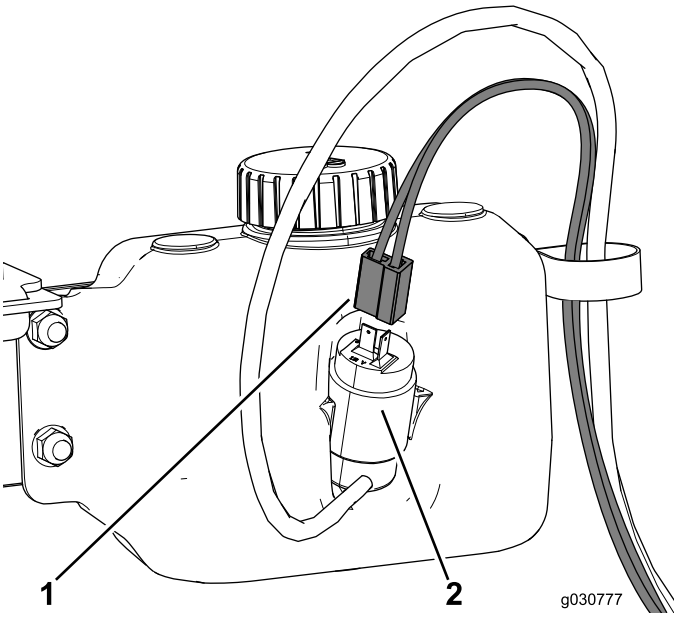


Figure 48

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 49 and Figure 50.

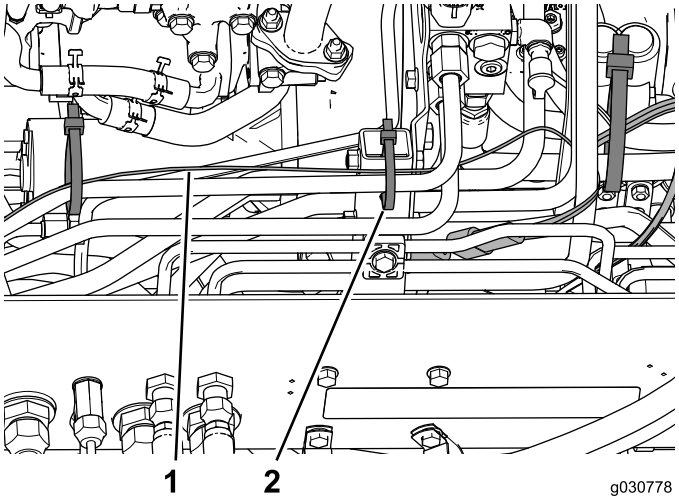


Figure 49

1. Wire harness
2. Cable tie

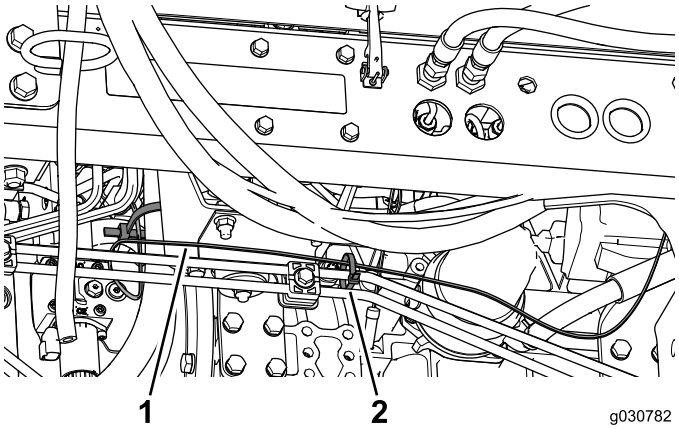


Figure 50

1. Wire harness
2. Cable tie

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

11

Completing the Installation

No Parts Required

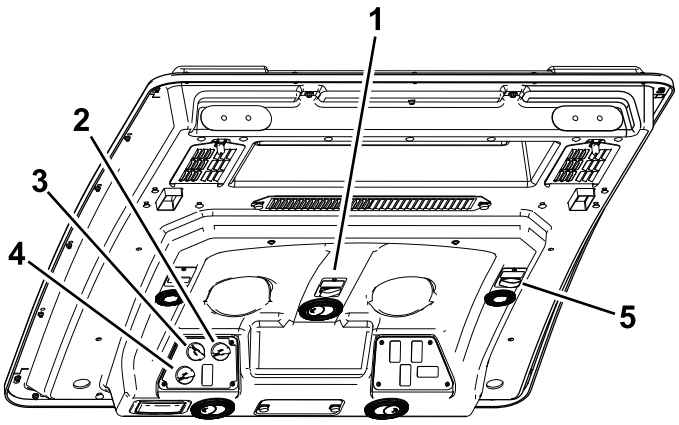
Procedure

1. Add coolant to the machine; refer to the *Service Manual*
2. Check for leaks.
3. Check for parts that interfere with moving parts and make correction before operating the machine.
4. Check the operation of all controls before operating the machine.
5. Use an assistant to adjust the rearview and side mirrors before operating the machine.
6. Remove the chocks from the wheels.
7. Add fluid to the washer bottle.

Product Overview

Controls

Cab Controls



g030398

Figure 51

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

Windshield-Wiper Switch

Use this switch to turn the windshield wipers on or off (Figure 51).

Temperature Control

Rotate the temperature control knob to regulate the air temperature in the cab (Figure 51).

Fan Control

Rotate the fan control knob to regulate the speed of the fan (Figure 51).

Air Recirculation Control

Sets the cab to either recirculate the air in the cabin or to draw air into the cabin from outside (Figure 51).

- 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 52). Press the latch in to lock windshield to the open position. Pull out and down on the latch to close and secure the windshield.

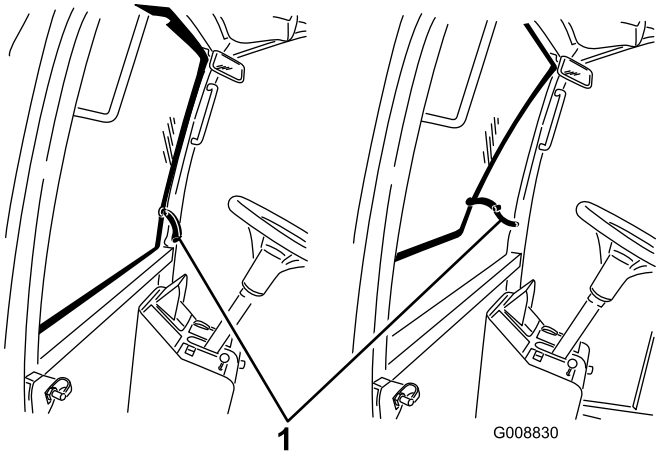


Figure 52

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 52).

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

Maintenance

Recommended Maintenance Schedule(s)

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

Cleaning the Air Filter

⚠ CAUTION

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

Remove the key from the ignition before you do any maintenance.

Cleaning the Air Filters

Service Interval: After the first 250 hours (replace them if they are torn or excessively dirty)

1. Remove the thumb screws and the grates from both the in-cab and rear cab air filters (Figure 53).

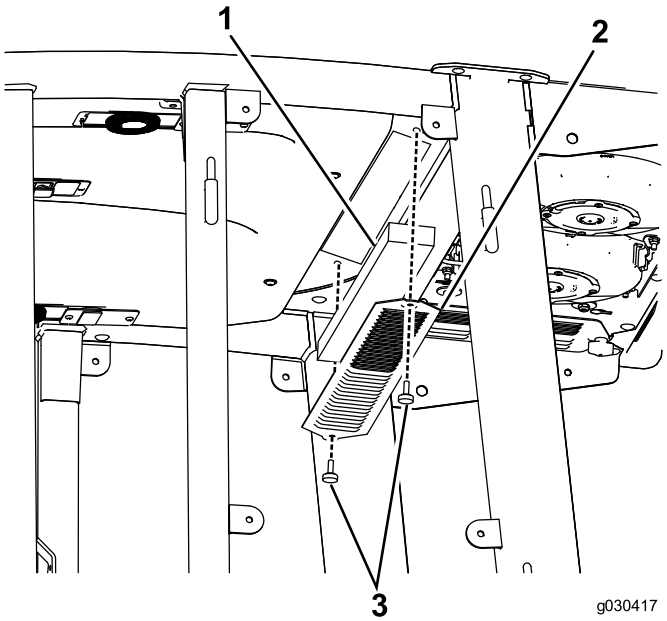


Figure 53

1. Filter
2. Grate
3. Thumb screw

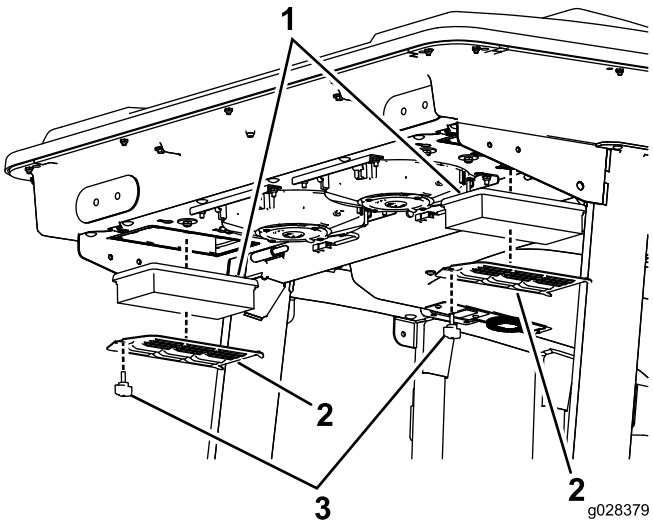


Figure 54

1. Filter
2. Grate
3. Thumb 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 it.

3. Install the filters and grate, securing them with the thumb screws.

Cleaning the Air Conditioning Coil

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

1. Stop the engine and remove the key from the ignition switch.
2. Remove the 6 nuts and washers from the bottom of the rear of the cab (Figure 55).

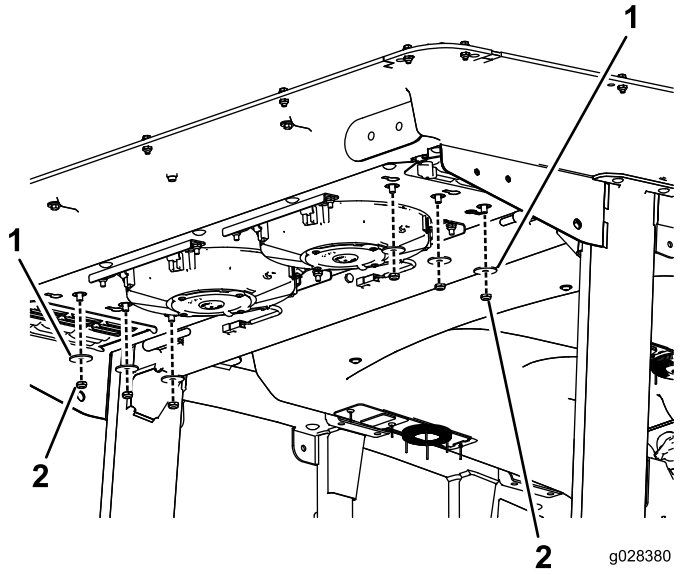


Figure 55

1. Washer
2. Nut

3. Remove the 22 bolts and flange nuts that secure the roof to the machine (Figure 56).

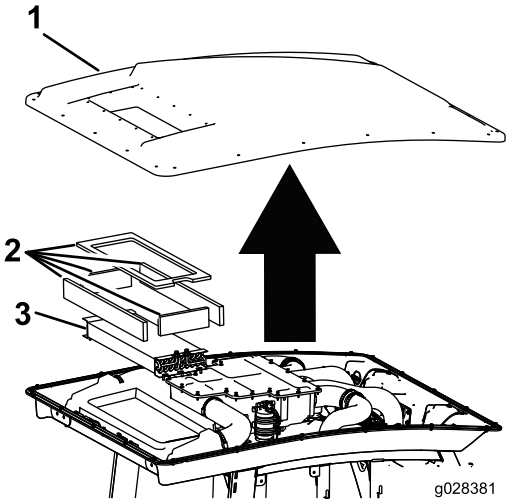
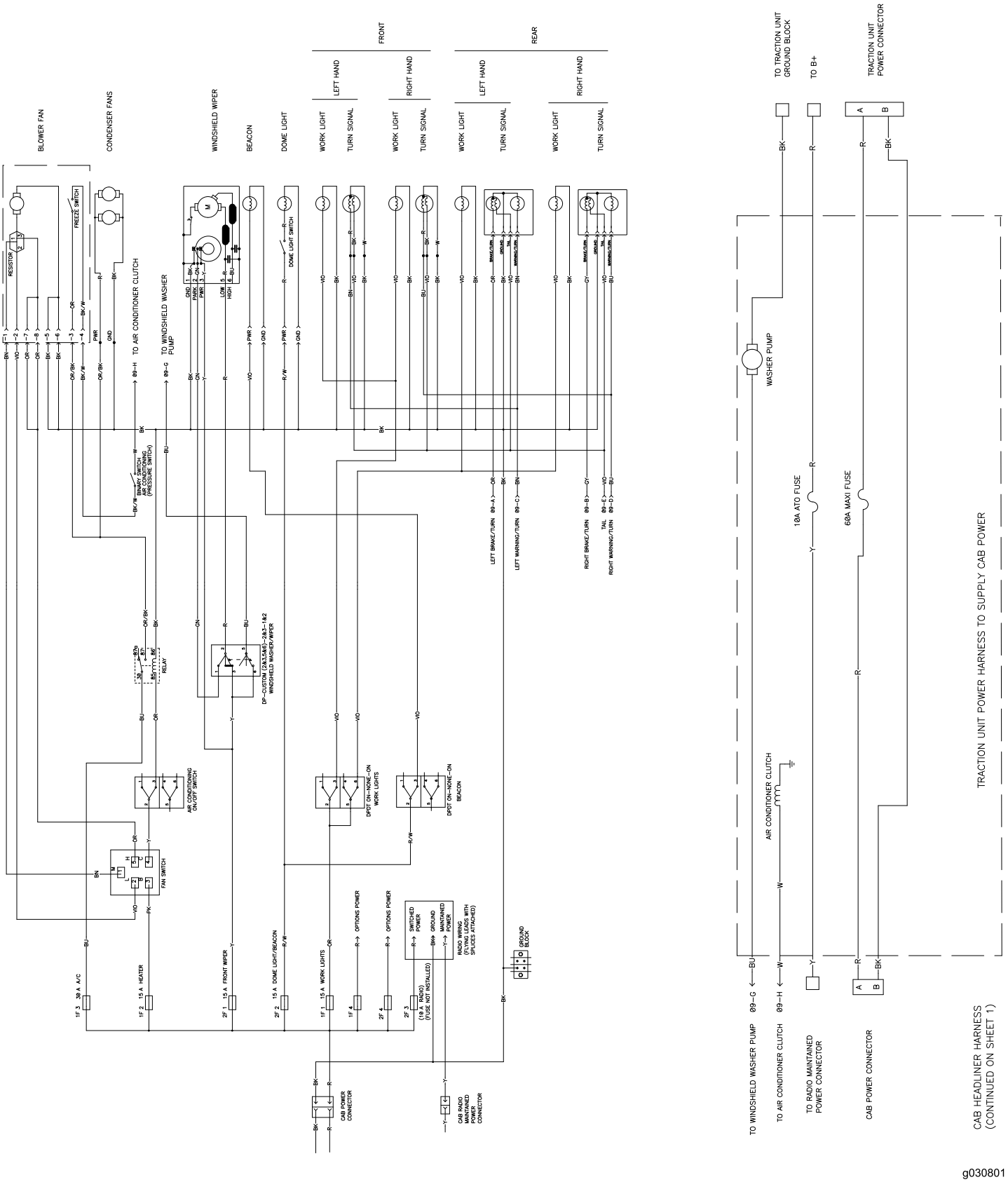


Figure 56

4. Remove the air filters (Figure 56).
5. Remove and clean the air conditioning coils (Figure 56).
6. Install the air conditioning coils, air filters and cabin roof when you are finished cleaning.

Schematics



(Rev.)

Notes:

Notes:

Declaration of Incorporation

Model No.	Serial No.	Product Description	Invoice Description	General Description	Directive
30901	315000001 and Up	Cab Kit, 2015 and After Groundsmaster 4500/4700-D or Reelmaster 7000-D Traction Unit	CAB-GM4500/4700	Utility Vehicle	2006/42/EC, 2004/108/EC

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
June 15, 2015

EU Technical Contact:

Peter Tetteroo
Toro Europe NV
B-2260 Oevel-Westerloo
Belgium

Tel. 0032 14 562960
Fax 0032 14 581911

International Distributor List

Distributor:	Country:	Phone Number:	Distributor:	Country:	Phone Number:
Agrolanc Kft	Hungary	36 27 539 640	Maquiver S.A.	Colombia	57 1 236 4079
Balama Prima Engineering Equip.	Hong Kong	852 2155 2163	Maruyama Mfg. Co. Inc.	Japan	81 3 3252 2285
B-Ray Corporation	Korea	82 32 551 2076	Mountfield a.s.	Czech Republic	420 255 704 220
Casco Sales Company	Puerto Rico	787 788 8383	Mountfield a.s.	Slovakia	420 255 704 220
Ceres S.A.	Costa Rica	506 239 1138	Munditol S.A.	Argentina	54 11 4 821 9999
CSSC Turf Equipment (pvt) Ltd.	Sri Lanka	94 11 2746100	Norma Garden	Russia	7 495 411 61 20
Cyril Johnston & Co.	Northern Ireland	44 2890 813 121	Oslinger Turf Equipment SA	Ecuador	593 4 239 6970
Cyril Johnston & Co.	Republic of Ireland	44 2890 813 121	Oy Hako Ground and Garden Ab	Finland	358 987 00733
Equiver	Mexico	52 55 539 95444	Parkland Products Ltd.	New Zealand	64 3 34 93760
Femco S.A.	Guatemala	502 442 3277	Perfetto	Poland	48 61 8 208 416
ForGarder OU	Estonia	372 384 6060	Pratoverde SRL.	Italy	39 049 9128 128
G.Y.K. Company Ltd.	Japan	81 726 325 861	Prochaska & Cie	Austria	43 1 278 5100
Geomechaniki of Athens	Greece	30 10 935 0054	RT Cohen 2004 Ltd.	Israel	972 986 17979
Golf international Turizm	Turkey	90 216 336 5993	Riversa	Spain	34 9 52 83 7500
Guandong Golden Star	China	86 20 876 51338	Lely Turfcare	Denmark	45 66 109 200
Hako Ground and Garden	Sweden	46 35 10 0000	Solvert S.A.S.	France	33 1 30 81 77 00
Hako Ground and Garden	Norway	47 22 90 7760	Spypros Stavrinides Limited	Cyprus	357 22 434131
Hayter Limited (U.K.)	United Kingdom	44 1279 723 444	Surge Systems India Limited	India	91 1 292299901
Hydroturf Int. Co Dubai	United Arab Emirates	97 14 347 9479	T-Markt Logistics Ltd.	Hungary	36 26 525 500
Hydroturf Egypt LLC	Egypt	202 519 4308	Toro Australia	Australia	61 3 9580 7355
Irrimac	Portugal	351 21 238 8260	Toro Europe NV	Belgium	32 14 562 960
Irrigation Products Int'l Pvt Ltd.	India	0091 44 2449 4387	Valtech	Morocco	212 5 3766 3636
Jean Heybroek b.v.	Netherlands	31 30 639 4611	Victus Emak	Poland	48 61 823 8369

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.

Toro General Commercial Product Warranty

A Two-Year 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:

Toro Commercial Products Service Department
Toro Warranty Company
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*. 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, 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, and check valves, etc.
- Failures caused by outside influence. Conditions considered to be outside influence include, but are not limited to, weather, storage practices, contamination, use of unapproved fuels, coolants, lubricants, additives, fertilizers, water, or chemicals, etc.
- 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, 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.

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. Battery replacement may be required during the normal product warranty period at owner's expense. Note: (Lithium-Ion battery only): A Lithium-Ion battery has a part only prorated warranty beginning year 3 through year 5 based on the time in service and kilowatt hours used. Refer to the *Operator's Manual* for additional information.

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.

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.

Note regarding engine 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 for details

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 the Toro importer.