Form No. 3434-988 Rev A

5 To 7 Conversion Kit

Reelmaster® Transport Frame

Model No. 33452—Serial No. 400000000 and Up

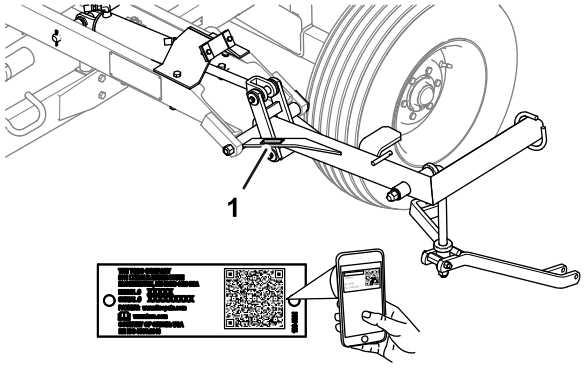
Operator's Manual

Introduction

Visit www.Toro.com for product safety and operation training materials, accessory information, help finding a dealer, or to register your product.

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

Important: **With your mobile device, you can scan the QR code (if equipped) on the serial number plate to access warranty, parts, and other product information.**



g322493

Figure 1

1. Model and serial number location

Model No. _____

Serial No. _____

Setup

1

Preparing the Machine

No Parts Required

Parking the Machine

1. Park the reel frame on a level surface and lower the cutting units to the ground.
2. Engage the parking brake, shut off the engine, remove the key, and wait for all moving parts to stop.
3. Chock the wheels of the reel frame to ensure that the machine does not move.

Disconnecting the Hydraulic Hoses

Hydraulic System Safety

- Seek immediate medical attention if fluid is injected into skin. Injected fluid must be surgically removed within a few hours by a doctor.
- Ensure that all hydraulic-fluid hoses and lines are in good condition and all hydraulic connections and fittings are tight before applying pressure to the hydraulic system.
- Keep your body and hands away from pinhole leaks or nozzles that eject high-pressure hydraulic fluid.
- Use cardboard or paper to find hydraulic leaks.
- Safely relieve all pressure in the hydraulic system before performing any work on the hydraulic system.

1. At the transport frame control console, move the 3 control levers up and down to relieve hydraulic pressure between the transport frame and the tow vehicle (Figure 2).

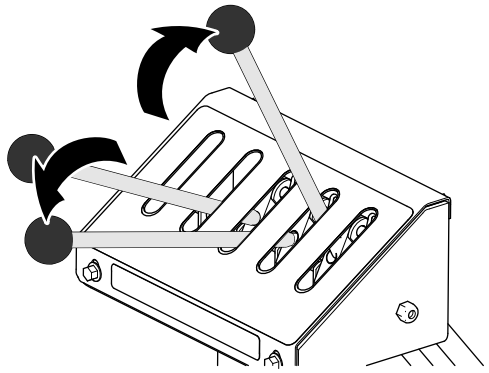
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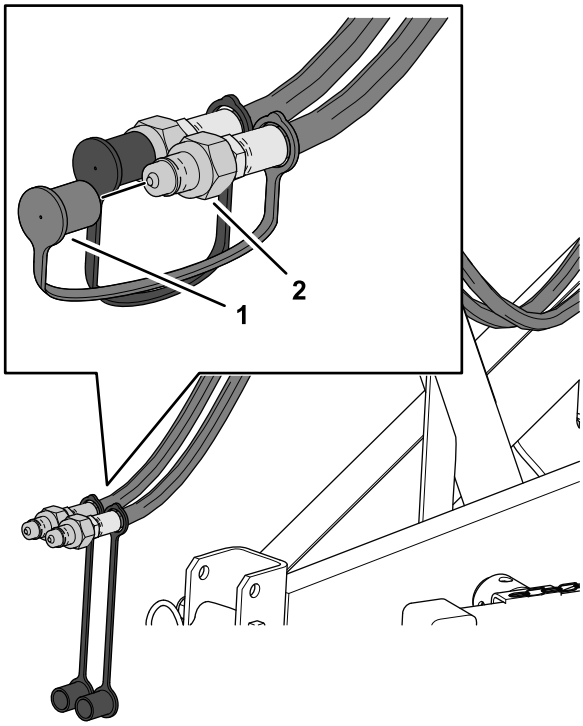
3434-988 A



g321863

Figure 2

2. Disconnect the 2 hydraulic hoses from the tow vehicle (Figure 3).



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Figure 3

1. Hydraulic hoses
2. Hydraulic couplers

3. Install the dust caps over the hydraulic couplers (Figure 3).

2

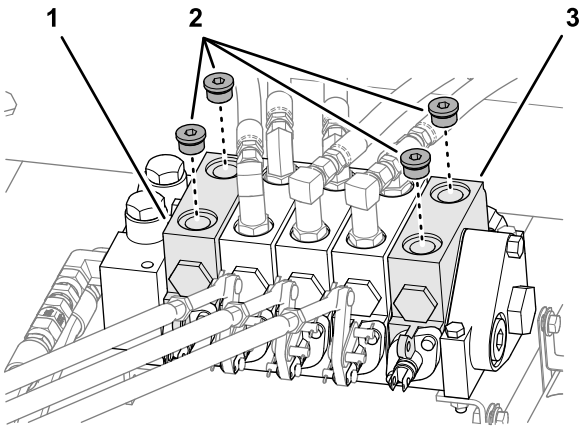
Installing the Fittings to the Control Valves

Parts needed for this procedure:

2	Short 90° fitting
2	Tall 90° fitting

Procedure

1. Remove the socket-head plugs from the cutting-unit 6 and the cutting-unit 7 control valves (Figure 4).

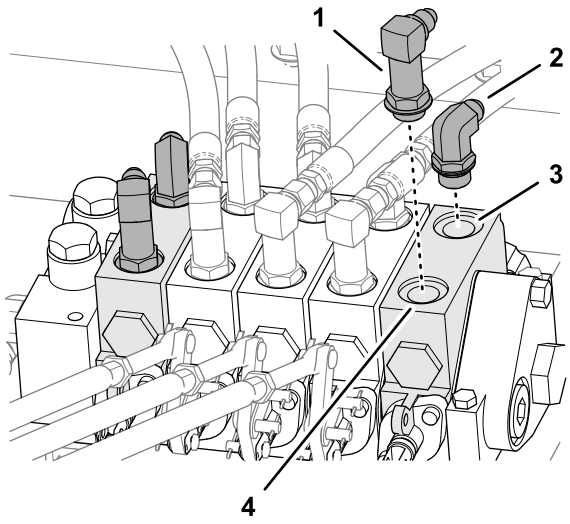


g321919

Figure 4

1. Control valve (cutting-unit 7)
2. Socket-head plugs
3. Control valve (cutting-unit 6)

2. Lubricate the O-rings of the 4 90° hydraulic fittings with clean hydraulic fluid.
3. Assemble the short 90° fittings into the retract ports of the cutting-unit 6 and the cutting-unit 7 control valves (Figure 5).

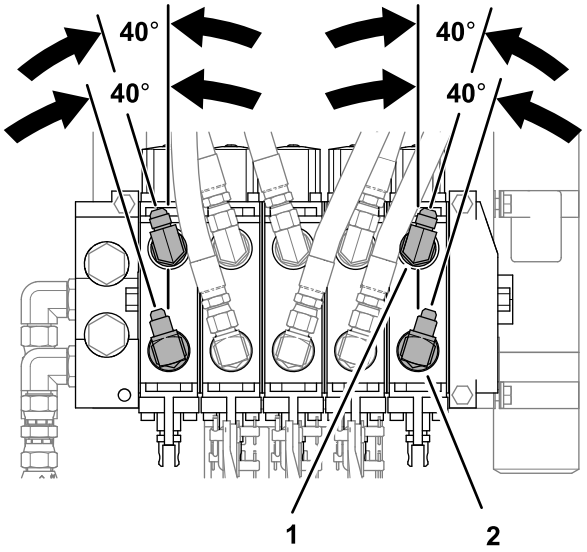


g321918

Figure 5

1. Tall 90° fitting
2. Short 90° fitting
3. Retract port
4. Extend port

4. Assemble the tall 90° fittings into the extend ports of the cutting-unit 6 and the cutting-unit 7 control valves (Figure 5).
5. Align the 90° fittings as shown in Figure 6, and tighten the jam nuts.



g321917

Figure 6

1. Short 90° fitting
2. Tall 90° fitting

3

Installing the Lift Cylinders

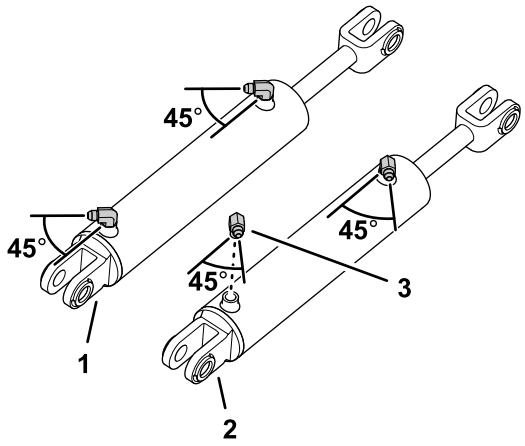
Parts needed for this procedure:

4	90° fitting (3/8 inch—tapered-pipe thread)
2	Lift cylinder
2	Cylinder rest
4	Capscrew (1/2 x 1-1/2 inches)
4	Tapered washer
4	Flange locknuts (1/2 inch)
4	Spacer tube
4	Cotter pin (3/16 x 1-3/4 inches)
2	Lift-arm stop

Preparing the Cylinders

Installer supplied material: #2 Permatex™ gasket sealant

1. Apply a coat of No. 2 Permatex gasket sealant to the threads of the 4 90° fittings with 3/8 inch tapered-pipe threads.
2. Assemble the 90° fittings into the extend and retract ports of the lift cylinders (Figure 7).



g322284

Figure 7

preparing the lift cylinders

1. Lift cylinder (cutting-unit position 7)
2. Lift cylinder (cutting-unit position 6)
3. 90° fitting (3/8 inch—tapered-pipe thread)

3. Tighten the 90° fittings at a 45° angel to the body of the cylinders as shown in Figure 7.

4. Use a piece of tape to mark the lift cylinders 6 and 7.

Installing the Cylinder Rest

1. Align the holes in the cylinder rest with the 12.7 mm (1/2 inch)–diameter holes in the bottom of the cross channels (Figure 8)

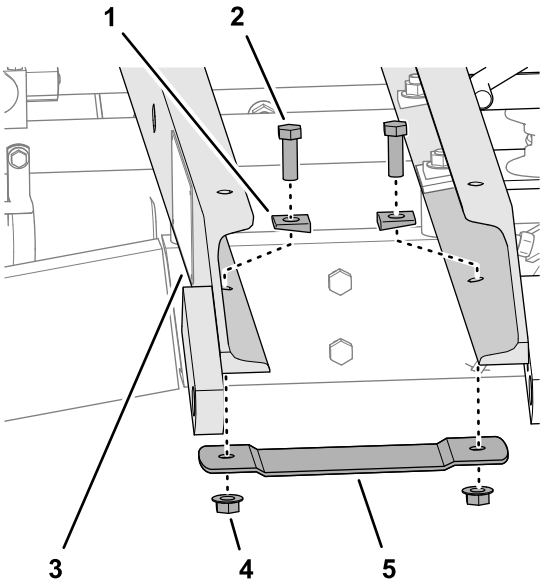


Figure 8

1. Tapered washer
2. Capscrew (1/2 x 1-1/2 inches)
3. Cross channel
4. Flange locknuts (1/2 inch)
5. Cylinder rest

2. Secure the cylinder rest to the cross channels (Figure 8) with the 2 capscrews (1/2 x 1-1/2 inches), 2 tapered washers, and 2 flange locknuts (1/2 inch).
3. Repeat steps 1 and 2 for the other cylinder rest at the other side of the machine.

Assembling the Lift Cylinders to the Machine

1. Align the holes in the 2 spacer tubes and the holes in the flanges of the cutting-unit 6 lift cylinder with the 25 mm (1 inch)-diameter holes in the top of cross channels (Figure 9).

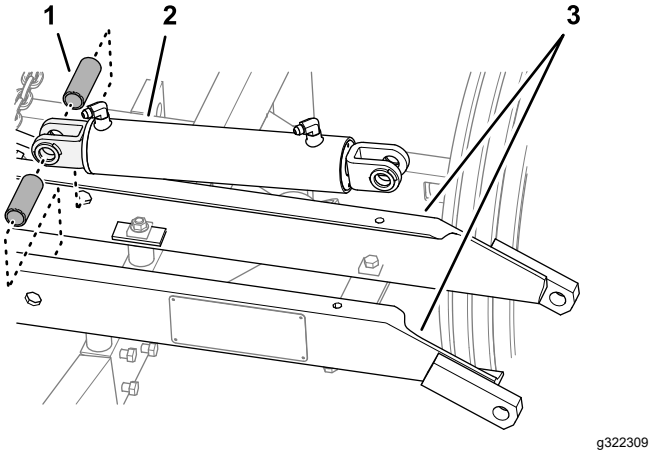


Figure 9

1. Spacer tube
2. Cylinder body
3. Cross channels

2. Assemble the shaft—25 x 305 mm (1 x 12 inches) through the spacer tubes and the cylinder-body flanges (Figure 10).

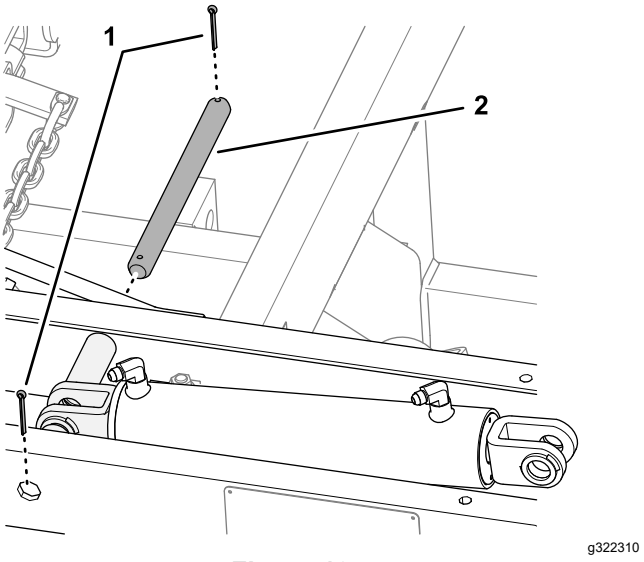


Figure 10

1. Cotter pins (3/16 x 1-3/4 inches)
2. Shaft—25 x 305 mm (1 x 12 inches)

3. Secure the shaft to the cross channels (Figure 10) with 2 cotter pins (3/16 x 1-3/4 inches).
4. Repeat steps 1 through 3 for the cutting-unit 7 lift cylinder at the other side of the machine.

Installing the Lift-Arm Stop

1. Align the holes in the lift-arm stop with the 12.7 mm (1/2 inch)–diameter holes in the top of the cross channels as shown in Figure 11.

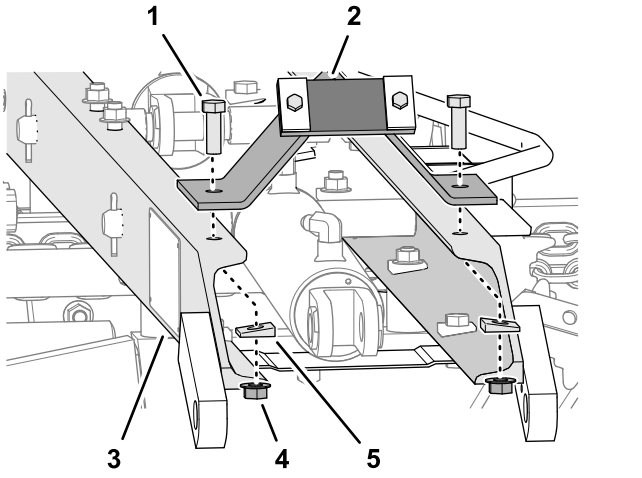


Figure 11

1. Capscrew (1/2 x 1-1/2 inches)
2. Lift-arm stop
3. Cross channel
4. Flange locknuts (1/2 inch)
5. Tapered washer

2. Secure the lift-arm stop to the cross channels (Figure 11) with the 2 capscrews (1/2 x 1-1/2 inches), 2 tapered washers, and 2 flange locknuts (1/2 inch).
3. Repeat steps 1 and 2 for the lift-arm stop at the other side of the machine.

4

Preparing the Lift Arms

Parts needed for this procedure:

2	Link
2	Shaft—25 x 102 mm (1 x 4 inches)
4	Washer (3/8 x 1-5/8 inches)
4	Lock washer (3/8 inch)
4	Capscrew (3/8 x 1 inch)

Procedure

1. Align the holes in the link with the hole in the bushing housing of the lift arm as shown in Figure 12.

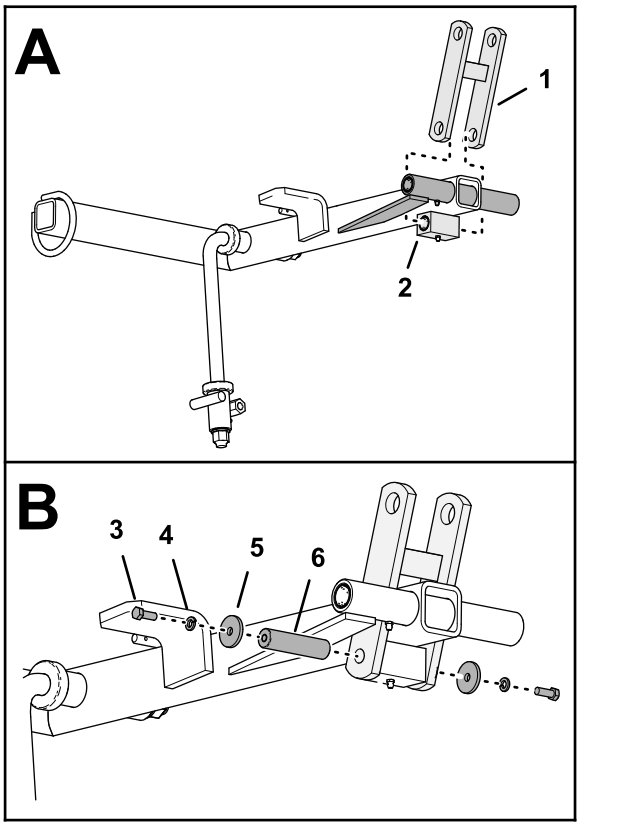


Figure 12

1. Link
2. Bushing housing (lift arm)
3. Capscrew (3/8 x 1 inch)
4. Lock washer (3/8 inch)
5. Washer (3/8 x 1-5/8 inches)
6. Shaft—25 x 102 mm (1 x 4 inches)

2. Assemble the shaft—25 x 102 mm (1 x 4 inches) through the holes in the link and the bushing housing (Figure 12).
3. Secure the shaft to the link with (Figure 12) 2 capscrews (3/8 x 1 inch), 2 lock washers (3/8 inch), and 2 washers (3/8 x 1-5/8 inches).
4. Repeat steps 1 through 3 for the other lift arm and link.

5

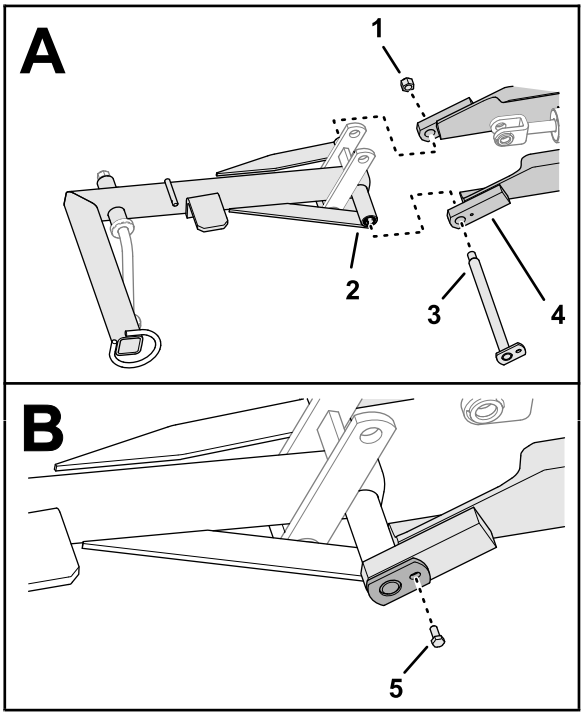
Installing the Lift Arms and Draw Bars

Parts needed for this procedure:

2	Locknut (3/4 inch)
2	Lift-bail pin
2	Capscrew (5/16 x 3/4 inch)
4	Washer (1-1/8 x 2 inches)
2	Shaft—25 x 102 mm (1 x 4 inches)
4	Capscrew (3/8 x 1 inch)
4	Lock washer (3/8 inch)
4	Washer (3/8 x 1-5/8 inches)
2	Drawbar
2	Capscrew (1/2 x 4 inches)
2	Locknut (1/2 inch)

Assembling the Lift Arm to the Machine

1. Align the hole in the lift-arm tube with the holes in the arm brackets of the cross channels (Figure 13).



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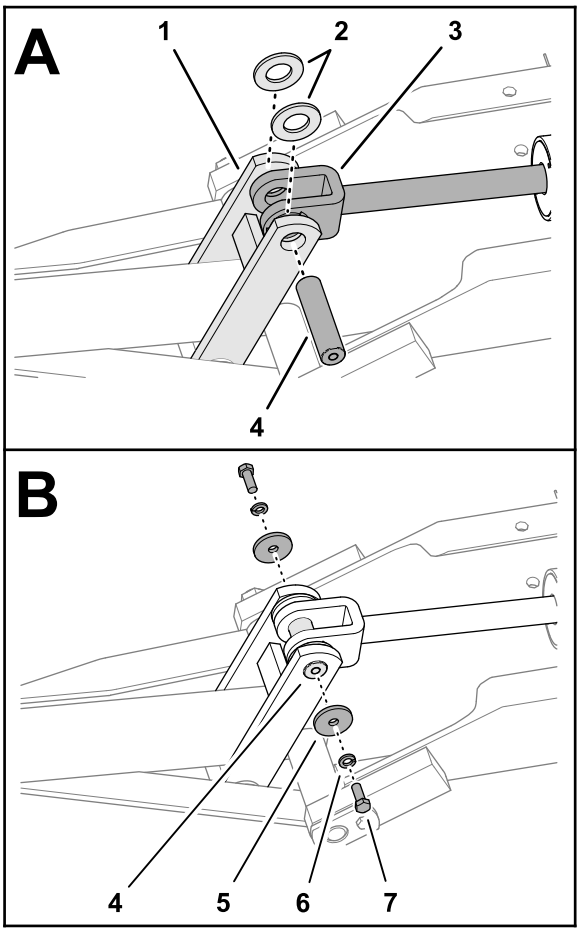
Figure 13

1. Locknut (3/4 inch)
2. Lift-arm tube
3. Lift-bail pin
4. Arm bracket (cross channel)
5. Capscrew (5/16 x 3/4 inch)

2. Loosely assemble the lift arm to the cross channels with (Figure 13) the lift-bail pin and the locknut (3/4 inch).
3. Align the hole in the tab of the lift-bail pin with the threaded hole in the arm bracket (Figure 13), and secure the pin to the bracket with a capscrew (5/16 x 3/4 inch).
4. Torque the locknut (3/4 inch) to 91 to 113 N·m (67 to 83 ft-lb).
5. Repeat steps 1 through 4 for the lift arm at the other side of the machine.

Assembling the Lift Cylinder to the Lift Arm

1. Align the holes in the link, washers (1-1/8 x 2 inches), and the fitting of the lift-cylinder rod (Figure 14).



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Figure 14

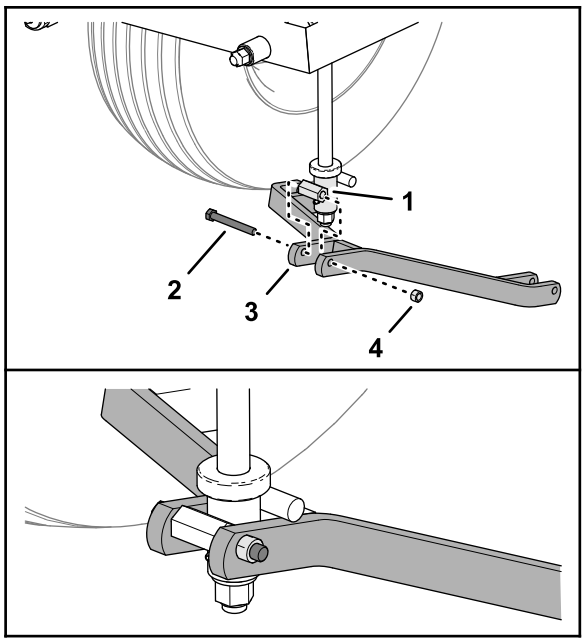
1. Link
2. Washer (1-1/8 x 2 inches)
3. Lift-cylinder rod
4. Shaft—25 x 102 mm (1 x 4 inches)
5. Washer (3/8 x 1-5/8 inches)
6. Lock washer (3/8 inch)
7. Capscrew (3/8 x 1 inch)

2. Assemble the shaft—25 x 102 mm (1 x 4 inches) through the holes in the link washers, cylinder-rod fitting (Figure 14).
3. Secure the shaft to the link with (Figure 14) 2 capscrews (3/8 x 1 inch), 2 lock washers (3/8 inch), and 2 washers (3/8 x 1-5/8 inches).
4. Repeat steps 1 through 3 for the lift arm at the other side of the machine.

Installing the Drawbar

1. Align the holes in the drawbar with the holes on the pivot housing of the lift bail (Figure 15).

   Note: When installing the drawbar, the offset hole in the drawbar should be positioned up and the lift bail stop should be on the top of the drawbar



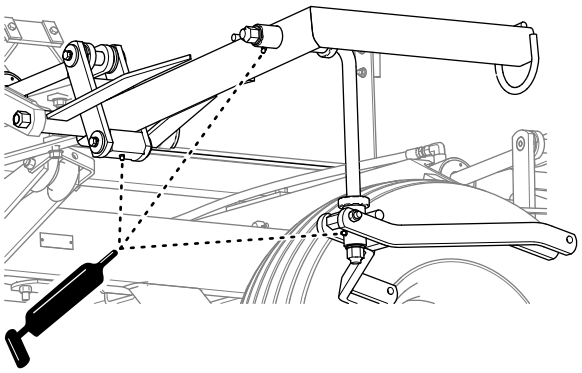
g322281

Figure 15

1. Pivot housing (lift bail)
2. Capscrew (1/2 x 4 inches)
3. Drawbar
4. Locknut (1/2 inch)

2. Assemble the drawbar to the lift bail (Figure 15) with a capscrew (1/2 x 4 inches), and locknut (1/2 inch)
3. Tighten the locknut.

   Note: Ensure that the drawbar can freely pivot.
4. Lubricate the 3 grease fittings for the lift arm and pivot housing (Figure 16).



g322435

Figure 16

5. Repeat steps 1 through 4 for the drawbar at the other side of the machine.

6

Adjusting the Transport Position for Cutting Units 6 and 7

Machines Transported on Public Roads

No Parts Required

Procedure

Important: **If the transport frame is transported on a public road, the overall width of the frame and the mowers may not exceed 2.4 m (8 ft).**

Adjust the mounting position of the clevis on the end of the lift cylinders and the mounting position of the arm stops to the desired width shown in Figure 17.

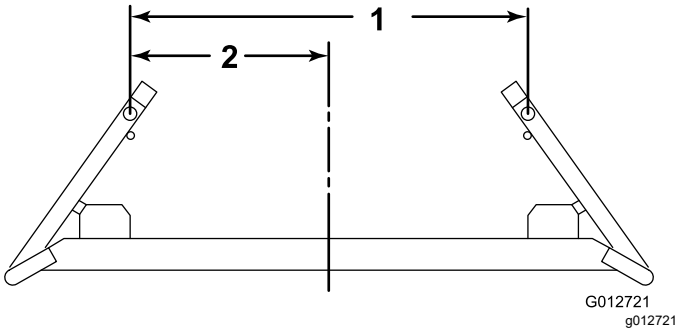


Figure 17

1. 48 to 51 inches (122 to 130 cm)
2. 24-3/4 ± 1-1/2 inches (63 ± 4 cm)

7

Installing the Hydraulic Hoses

Parts needed for this procedure:

2	Hose (long)
2	Hose (short)

Procedure

1. Install the long hose between the short 90° fitting in the control valve and the 90° fitting in the retract port of the lift cylinder (

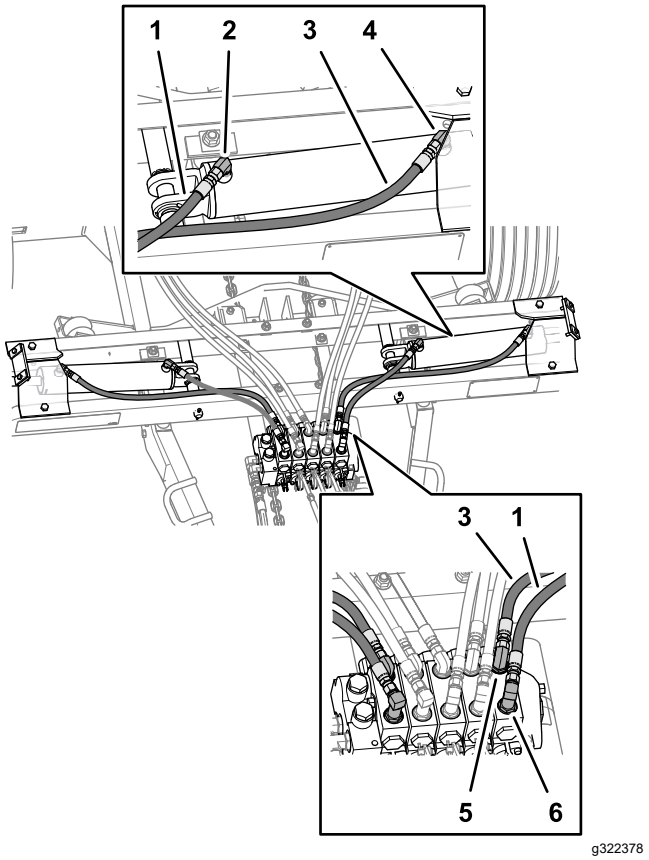


Figure 18

1. Hose (short)
2. 90° fitting (extend port—lift cylinder)
3. Hose (long)
4. 90° fitting (retract port—lift cylinder)
5. Short 90° fitting (control valve)
6. Long 90° fitting (control valve)

2. Install the short hose between the long 90° fitting in the control valve and the 90° fitting in the retract port of the lift cylinder (Figure 18).

3. Repeat steps 1 and 2 for the hoses of the other lift cylinder.

8

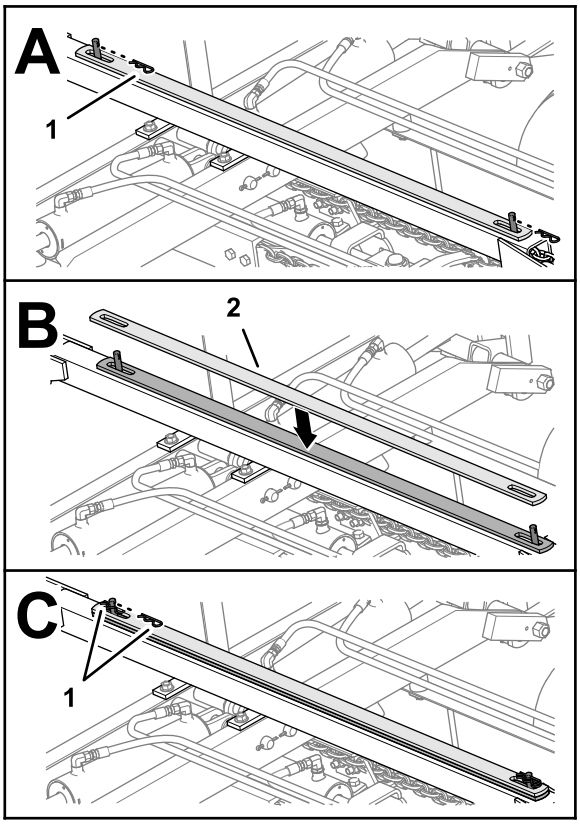
Assembling the Transport Strap to the Machine

Parts needed for this procedure:

1	Transport strap
2	Hairpin

Procedure

1. Remove the 2 hair pins that secure the transport strap for the cutting-unit 4 and the cutting-unit 5 lift arms (Figure 19).



g322288

Figure 19

1. Hair pin
2. Transport strap (5 to 7 conversion kit)

2. Assemble the transport strap of the 5 to 7 conversion kit onto the pins of the center frame channel (Figure 19).
3. Insert the 2 hair pins that you removed in 1 and the 2 hair pins from the 5 to 7 conversion kit into the studs (Figure 19).

9

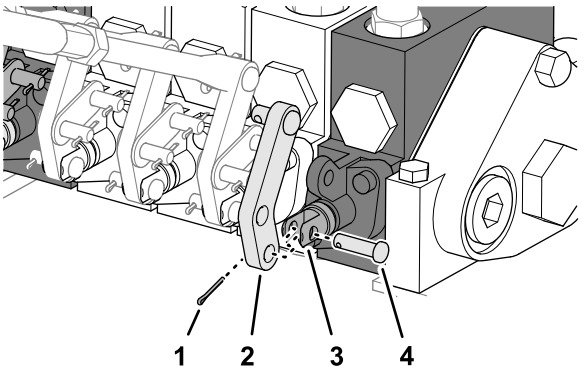
Assembling the Control Lever to the Control Valve

Parts needed for this procedure:

2	Control lever
2	Clevis pin
6	Cotter pin
2	Link plate
2	Link plate

Procedure

1. Align the hole in the control lever with the holes in the fork of the control valve for cutting-unit 6 (Figure 20).

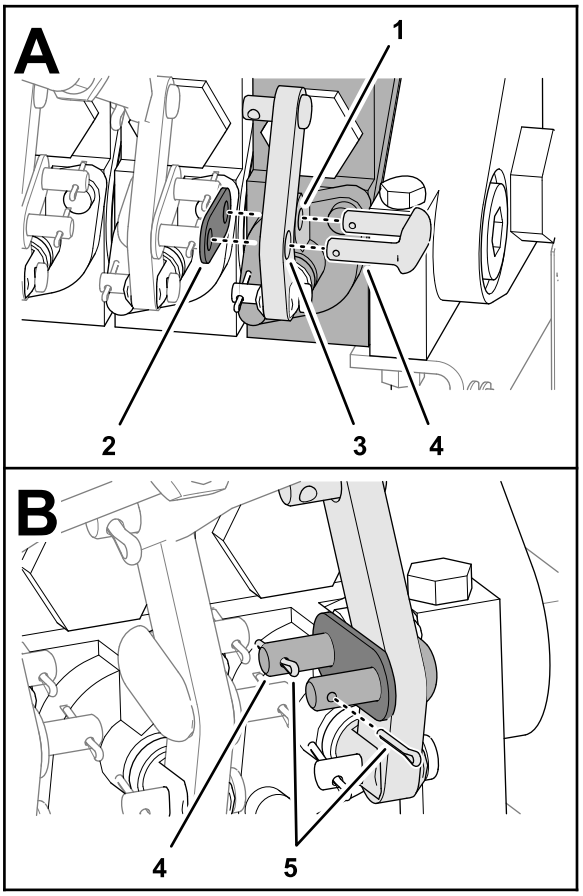


g322270

Figure 20

1. Cotter pin
2. Control lever
3. Fork (control valve)
4. Clevis pin

2. Assemble the lever to the fork with the clevis pin and cotter pin (Figure 20).
3. Assemble the link through the holes in the mounting tab of the control valve and the control lever (Figure 21).



g322277

Figure 21

1. Mounting tab (control valve)
2. Link plate
3. Control lever
4. Link
5. Cotter pin

4. Secure the link to the valve and lever with the link plate and 2 cotter pins (Figure 21).
5. Repeat steps 1 through 4 for the control valve of cutting-unit 7.

10

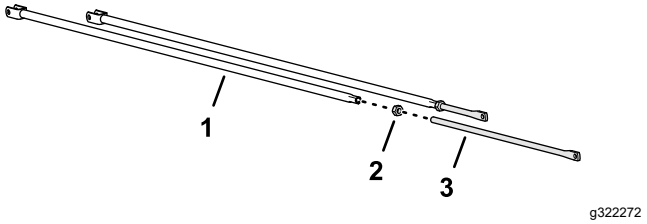
Preparing the Control Rods

Parts needed for this procedure:

2	Nut (7/16 inch)
2	Control-rod link
2	Control-rod tube

Procedure

1. Assemble the nut (7/16 inch) onto the control-rod link (Figure 22).



g322272

Figure 22

1. Control-rod tube
2. Nut (7/16 inch)
3. Control-rod link

2. Assemble the link and nut to the control-rod tube (Figure 22).

   Note: Do not tighten the nut.
3. Repeat steps 1 and 2 for the other link and tube.

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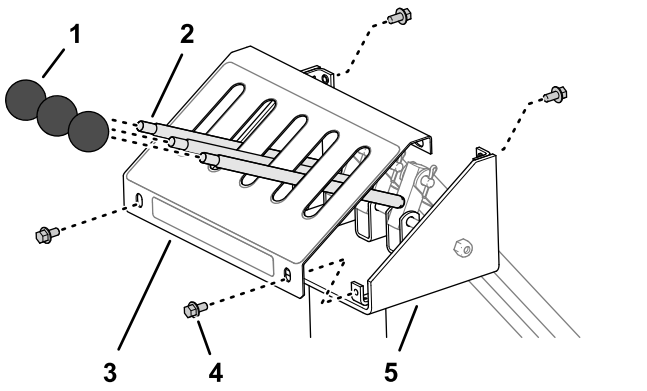
Installing the Lever Blocks

Parts needed for this procedure:

2	Lever
2	Lever block

Removing the Control-Console Cover

1. Remove the 3 knobs from the levers of the control console (Figure 23).



g322285

Figure 23

1. Knob
2. Lever
3. Cover
4. Flange-head screw
5. Control console

2. Remove the 4 flange-head screws that secure the cover to the control console, and remove the cover (Figure 23).

Installing the Lever Blocks and Levers

1. Remove the locknut that secures the pivot pin to the control console, and remove the pin (Figure 24).

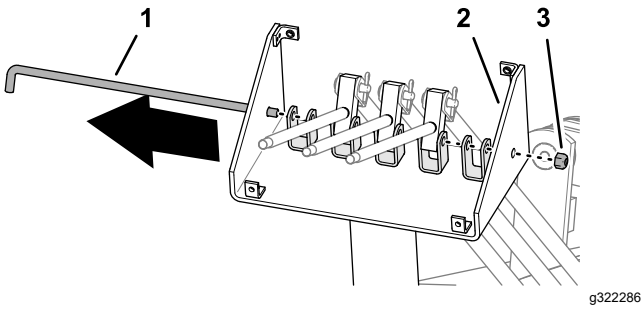


Figure 24

1. Pivot pin
2. Control console
3. Locknut

2. Assemble a lever into a lever block (Figure 25).

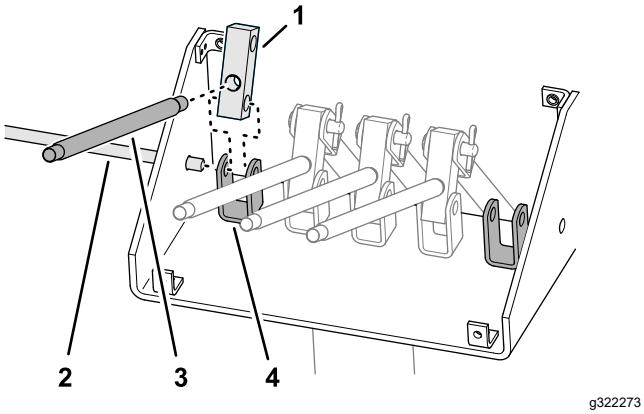


Figure 25

1. Lever block
2. Pivot pin
3. Lever
4. Control-link bracket (leftmost)

3. Align the hole in the lever block with the holes in the leftmost control-link bracket (Figure 25).
4. Insert the pivot pin through the holes in the 4 the control-link brackets and lever blocks.
5. Repeat steps 2 through 4 for the lever and lever block for the rightmost control-link bracket.
6. Insert the pivot pin through the holes in the rightmost control-link bracket, lever blocks, and the control console (Figure 26).

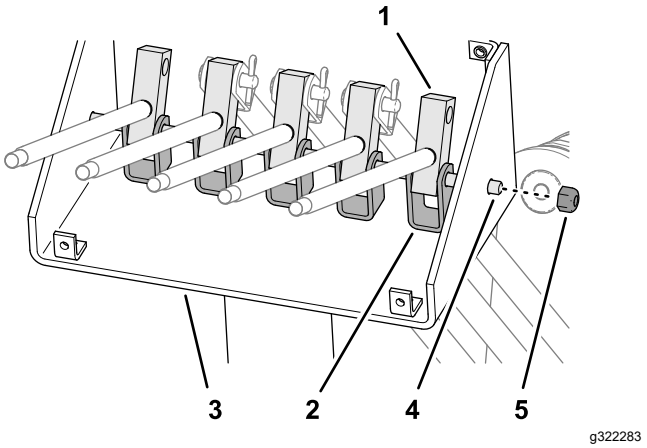


Figure 26

1. Lever block
2. Control-link bracket (rightmost)
3. Control console
4. Pivot pin
5. Locknut

7. Secure the pivot pin to the console with the locknut (Figure 26).

12

Installing the Control Rods

Parts needed for this procedure:

2	Clevis pin
4	Cotter pin

Assembling the Control Rod to the Machine

1. At the control console, align the holes in the fork of the control rod with the hole in the lever block (Figure 27).

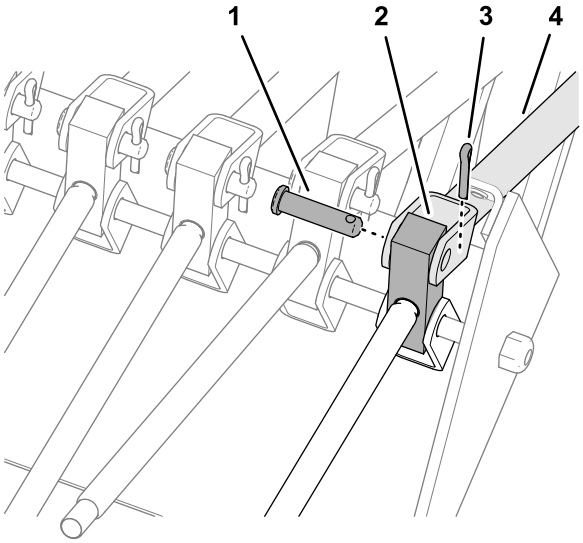


Figure 27

1. Clevis pin
2. Lever block
3. Cotter pin
4. Control rod

2. Secure the rod to the block with a clevis pin and cotter pin (Figure 27).
3. At the control valve, assemble the control-rod link onto the clevis pin that is pressed into the control lever (Figure 28).

   Note: Do not install the cotter pin.

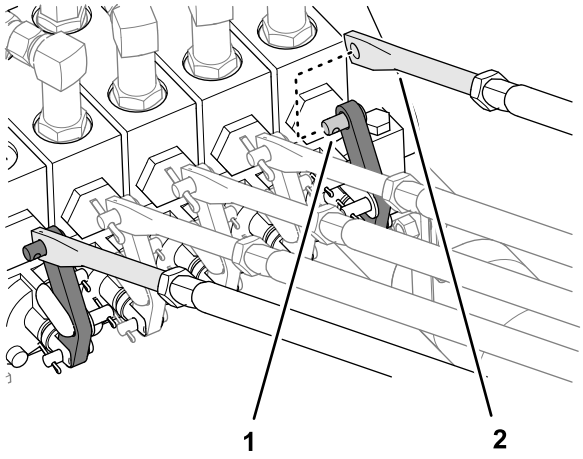


Figure 28

1. Clevis pin (control lever)
2. Control-rod link

4. Compare the alignment of the lever for the control rod that you are installing with the levers for cutting-unit 4, cutting-unit 1, 2, and 3, and cutting-unit 5 (Figure 29).

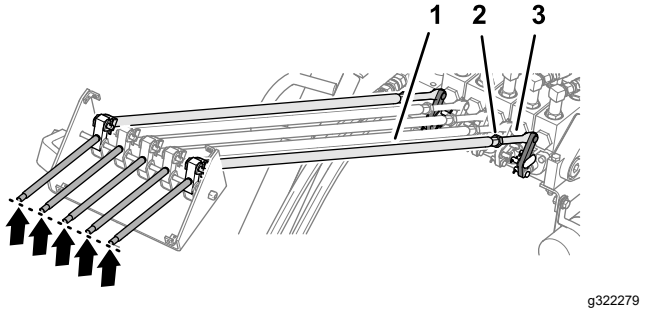


Figure 29

1. Control-rod tube
2. Nut (7/16 inch)
3. Control-rod link

5. If the lever for the control rod is not aligned with the rest of the levers, separate the control-rod link from the control lever clevis pin, rotate the control-rod link to align the lever (Figure 29), and assemble the control-rod link to the control lever clevis pin (Figure 28).
6. Repeat steps 1 through 5 for the other control rod.

Installing the Control-Console Cover

1. Align the cover over the levers (Figure 30).

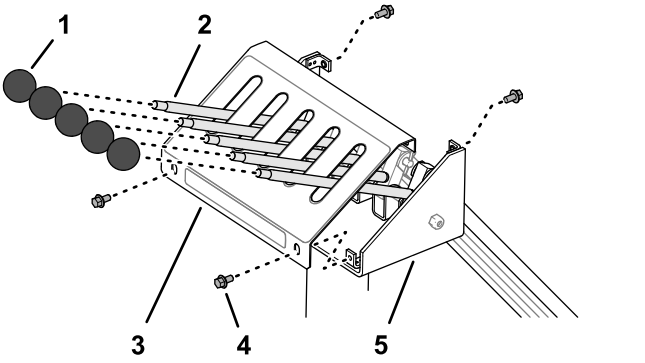
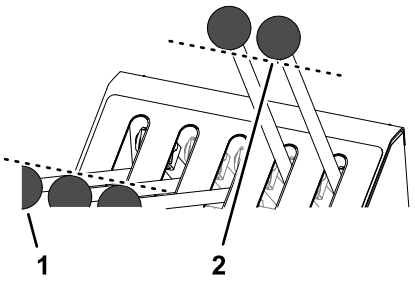


Figure 30

1. Knob
2. Lever
3. Cover
4. Flange-head screw
5. Control console

2. Align the holes in the cover with the hole in the weld nuts of the control console.
3. Secure the cover to the console (Figure 30) with the 4 flange-head screws that you removed in Removing the Control-Console Cover (page 10).
4. Thread the 3 knobs that you removed in Removing the Control-Console Cover (page 10) and the 2 knobs from the 5 to 7 conversion kit onto the levers (Figure 30).
5. Check the control levers by moving them to the raise and lower positions. Ensure that all

levers move freely. Readjust control-rod link if necessary.



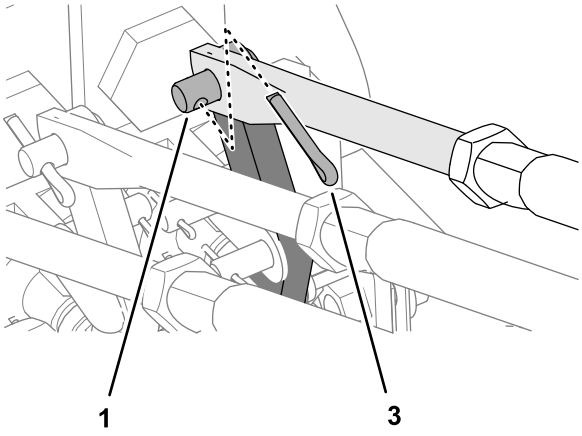
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Figure 31

checking the lever travel and alignment

1. Knob (lower position)
2. Knob (raise position)

6. At the control valve, secure the control-rod link to the control lever with a cotter pin (Figure 32).

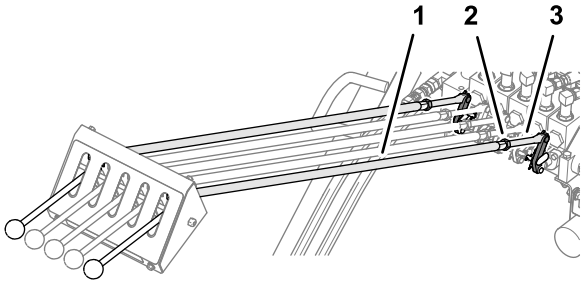


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Figure 32

1. Clevis pin (control lever)
2. Cotter pin

7. Tighten the nut (7/16 inch) on the control rod and link; refer to (Figure 33).



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Figure 33

1. Control-rod tube
2. Nut (7/16 inch)
3. Control-rod link

8. Repeat steps 6 and 7 for the other side of the machine.

13

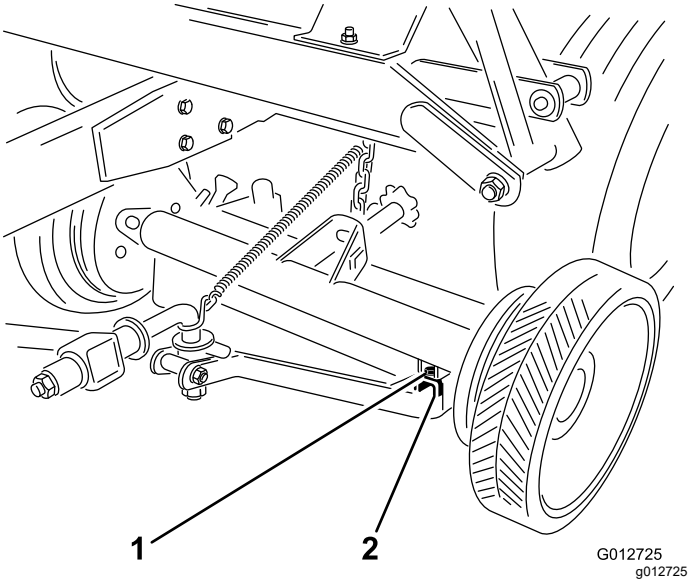
Installing the Reelmaster Cutting Units

No Parts Required

Procedure

1. Align the holes in the drawbar with the holes in the brackets on the cross-tubes of the cutting units.
2. Secure each side (Figure 34) with a bolt (1/2 x 3-1/2 inch), spacer tube, and locknut (1/2 inch).

   Important: **Position the head of the bolt inboard.**



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Figure 34

1. Bolt, spacer tube, and locknut
2. Mounting bracket

Note: If you are installing Spartan mowers to the transport frame, use drawbar clamp Part No. 5-1090. Mounting fasteners are needed to mount the drawbar to the front of the mower cross tube. Contact your local authorized Toro distributor for assistance.

3. If you installed 18-inch wheels on the cutting units, use Toro Conversion Kit, Part No. 51-3060 to allow the cutting units to raise to the transport position. Contact your local authorized Toro distributor for assistance.
4. Secure the lift chain to the lift arm and the cutting unit mounting bracket with the long shackles, clevis pins and cotter pins (Figure 35).

Note: Ensure that there are no kinks or twists in the chain.

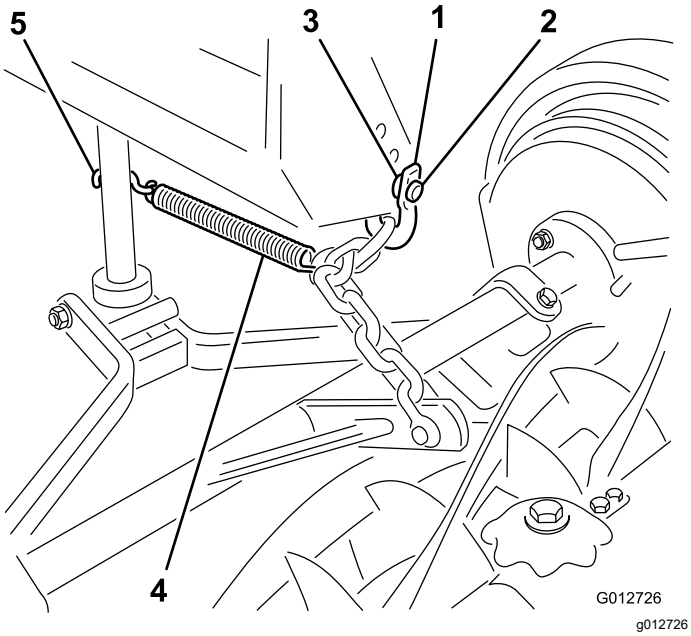


Figure 35

1. Long shackle
2. Clevis pin and cotter pin
3. Outer mounting hole
4. Spring
5. S-hook

5. Hook the spring to the fifth link in the chain from the cutting unit, and secure the other end of the spring to the lift bail with the S-hook (Figure 35).
6. Repeat steps 1 through 5 at the other side of the machine.

14

Connecting the Transport Frame Hoses to the Tow Vehicle

No Parts Required

Procedure

1. Remove the dust caps from the transport frame hydraulic hoses.
2. Attach the hydraulic hose couplers to the tow vehicle.
3. Start the engine.
4. Raise and lower the cutting units.

   Important: **Do not operate the transport frame-lift system and deplete the hydraulic fluid of the of the tow vehicle; pump cavitation may occur.**
5. Lower the cutting units, shut off the engine, remove the key, and wait for all moving parts to stop.
6. If needed, refill the hydraulic reservoir with fluid recommended for tow vehicle, or use ISO 68 or hydraulic fluid like Mobil 424.

Operation

Securing Cutting-Unit Arms for Transport

1. Fully raise all mowers are to the transport position before moving to the next mowing area.
2. Remove the hairpins securing the transport straps to the pins of the center frame channel and remove the straps.
3. Assemble the transport strap onto the lift-arm pins and secure the straps with the 2 hairpins.

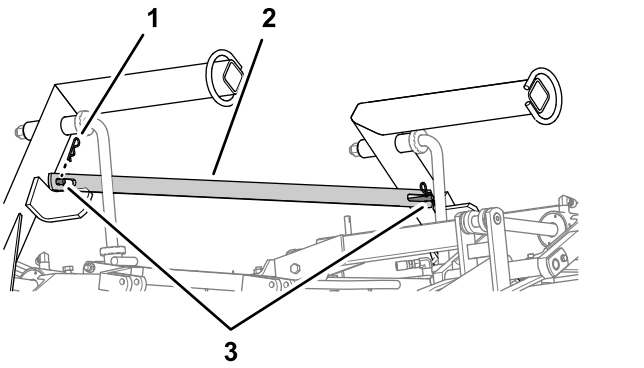
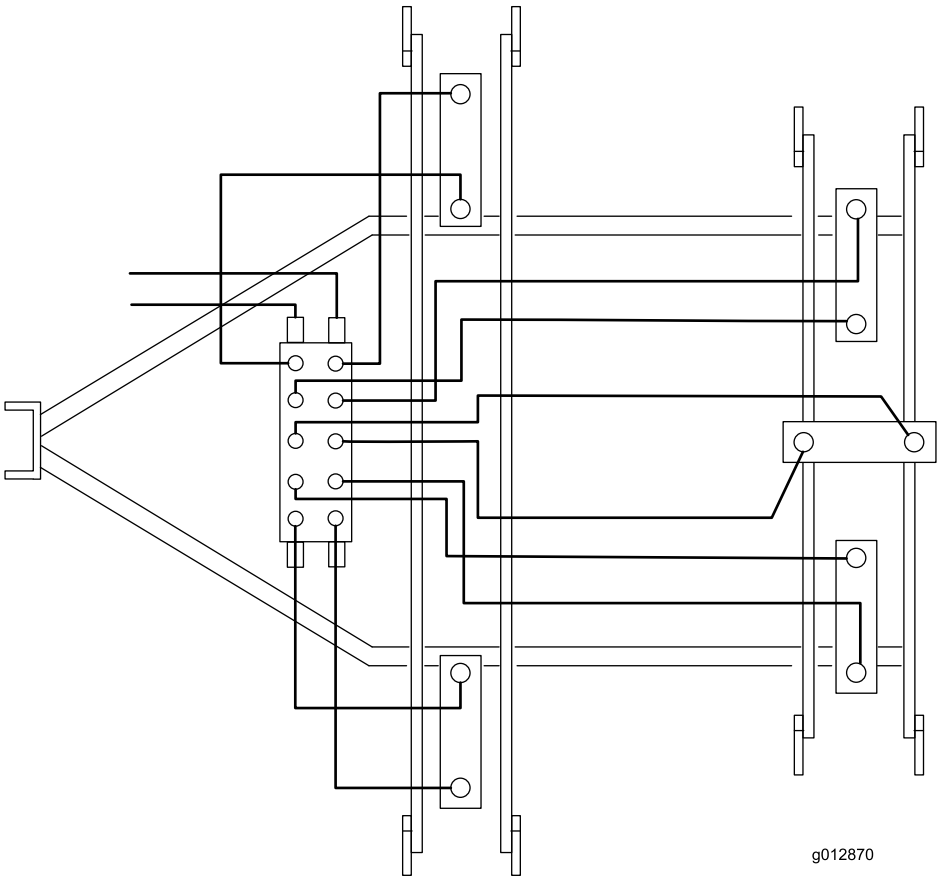


Figure 36

1. Hairpin
2. Transport strap
3. Pins (lift-arm)

4. Repeat step 3 for the other pair of lift arms.

Schematics



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Hydraulic Schematic (Rev. A)

Notes:

Notes:

EEA/UK Privacy Notice

Toro's Use of Your Personal Information

The Toro Company ("Toro") respects your privacy. When you purchase our products, we may collect certain personal information about you, either directly from you or through your local Toro company or dealer. Toro uses this information to fulfil contractual obligations - such as to register your warranty, process your warranty claim or to contact you in the event of a product recall - and for legitimate business purposes - such as to gauge customer satisfaction, improve our products or provide you with product information which may be of interest. Toro may share your information with our subsidiaries, affiliates, dealers or other business partners in connection these activities. We may also disclose personal information when required by law or in connection with the sale, purchase or merger of a business. We will never sell your personal information to any other company for marketing purposes.

Retention of your Personal Information

Toro will keep your personal information as long as it is relevant for the above purposes and in accordance with legal requirements. For more information about applicable retention periods please contact legal@toro.com.

Toro's Commitment to Security

Your personal information may be processed in the US or another country which may have less strict data protection laws than your country of residence. Whenever we transfer your information outside of your country of residence, we will take legally required steps to ensure that appropriate safeguards are in place to protect your information and to make sure it is treated securely.

Access and Correction

You may have the right to correct or review your personal data, or object to or restrict the processing of your data. To do so, please contact us by email at legal@toro.com. If you have concerns about the way in which Toro has handled your information, we encourage you to raise this directly with us. Please note that European residents have the right to complain to your Data Protection Authority.

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.



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