



Sulky

Line Painter 1200

Model No. 42023—260000001 and Up

Operator's Manual

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Introduction

Read this manual carefully to learn how to operate and maintain your product properly. The information in this manual can help you and others avoid injury and product damage. Although Toro designs and produces safe products, you are responsible for operating the product properly and safely.

You may contact Toro directly at www.Toro.com for product and 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. You will find the model and serial number on a plate located on the product.

Write the product model and serial numbers in the space below:

Model No. _____

Serial No. _____

This manual identifies potential hazards and has special safety messages that help you and others avoid personal injury and even death. ***Danger***, ***Warning***, and ***Caution*** are signal words used to identify the level of hazard. However, regardless of the hazard, be extremely careful.

Danger signals an extreme hazard that *will* cause serious injury or death if you do not follow the recommended precautions.

Warning signals a hazard that *may* cause serious injury or death if you do not follow the recommended precautions.

Caution signals a hazard that may cause minor or moderate injury if you do not follow the recommended precautions.

This manual uses two other words to highlight information. **Important** calls attention to special mechanical information and **Note** emphasizes general information worthy of special attention.

Safety

Improper use or maintenance by the operator or owner can result in injury. To reduce the potential for injury, comply with the safety instructions in the Line Painter operator's manual and always pay attention to the safety alert  symbol, which means CAUTION, WARNING, or DANGER—"personal safety instruction." Failure to comply with the instruction may result in personal injury or death.

General Operation

- Do not modify the sulky or use it on non-approved machines.
- Ensure that the sulky is properly attached to the machine and is in good working order prior to use.
- Allow only the machine operator on the sulky.
- Do not allow use of sulky by untrained operators.
- Use appropriate personal protective apparatus for eyes, feet, hands and head.
- Practice operating the machine without the sulky until familiar with the controls.
- Practice operating of the machine with sulky attached on large open, level terrain with no obstacles present before use. The sulky will affect the machine operation, especially on slopes, when turning and when stopping.
- Slow down before making turns and use extra caution on rough terrain and on slopes.
- Travel across slopes, avoiding operation on steep slopes.
- Look behind and down before backing up to be sure of a clear path. Use extra care when operating in reverse.

Setup

Loose Parts

Description	Qty.	Use
Sulky hitch	1	Installing the sulky hitch
Carriage bolt, 5/16 x 4-1/2 in.	4	
Capscrew, 3/8 x 4 in.	2	
Washer, .406 x .813	2	
Locknut, 5/16 in.	4	
Locknut, 3/8 in.	2	
Washer, .813 x .563	2	Installing the sulky to the hitch
Lynch pin	1	
Operator's Manual	1	
Parts Catalog	1	

Installing the Sulky Hitch

1. Park the line painter on a flat, clean surface. Stop the engine, engage the parking brake and remove the wire from the spark plug.
2. To gain access to the rear axle mounting bolts, raise the rear of the machine, remove the wheels and place jack stands under the axle shafts.
3. Remove the (2) carriage bolts and nuts securing each end of the transaxle to the frame (Fig. 1).

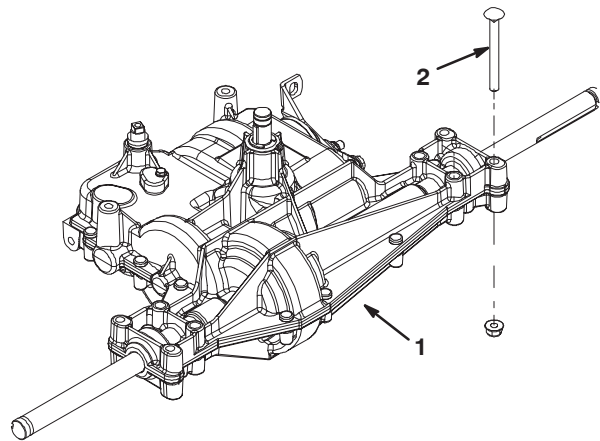


Figure 1

1. Rear of axle 2. Carriage bolt

4. Install (2) 5/16 x 4-1/2 in. carriage bolts in place of the old bolts (Fig. 2).

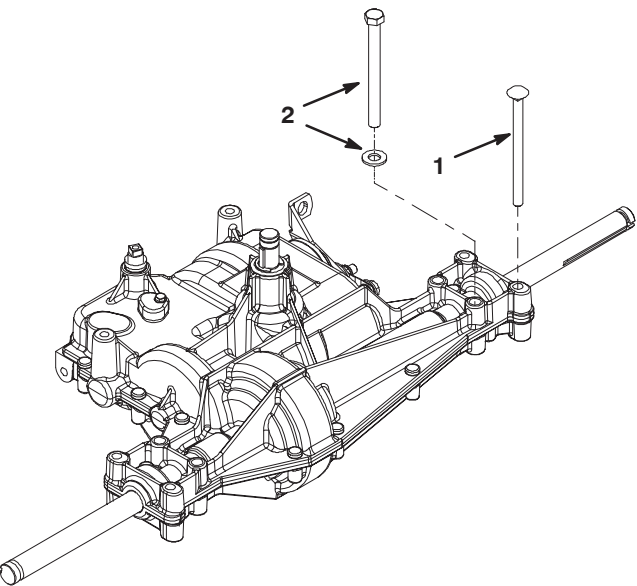


Figure 2

1. Carriage bolt 2. Capscrew & washer

5. Install a 3/8 x 4 in. capscrew and .406 x .813 washer into the rear vacant mounting hole in each end of the transaxle (Fig. 2).
6. Raise the sulky hitch up onto the new bolts. Position as shown in figure 3.
7. Secure the hitch to the transaxle with (4) 5/16 in. and (2) 3/8 in. nuts (Fig. 3).

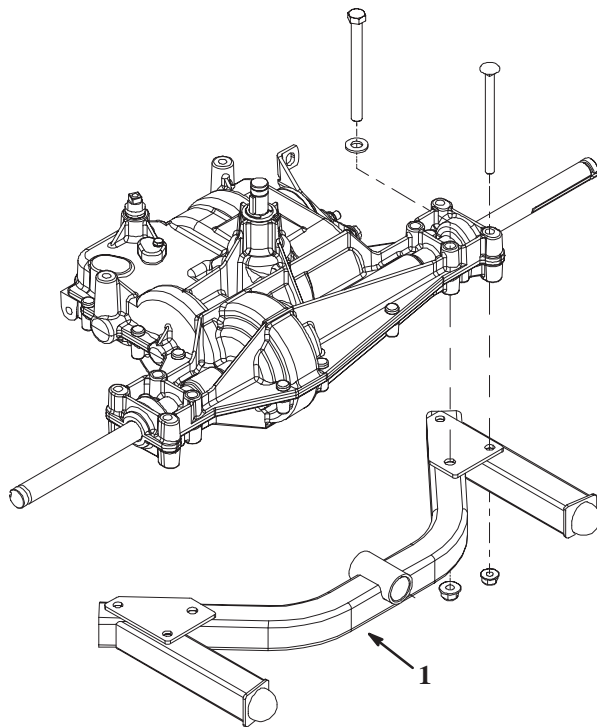


Figure 3

1. Hitch

8. Remove the jack stands, install the wheels and lower the line painter to the floor.

Installing the Sulky

1. Apply a light coating of oil to the unpainted portion of the sulky pivot shaft (Fig. 4).

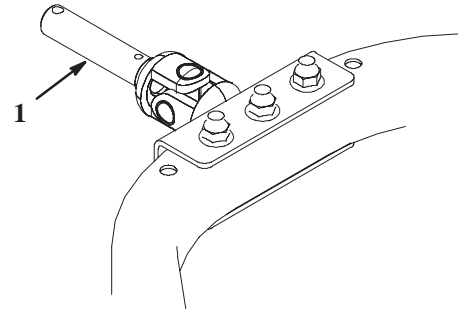


Figure 4

1. Pivot shaft

2. Insert a .813 x 1.563 washer onto the pivot shaft (Fig. 5).

3. Insert the pivot shaft into the sulky hitch and secure with a .813 x 1.563 washer and a lynch pin (Fig. 5).

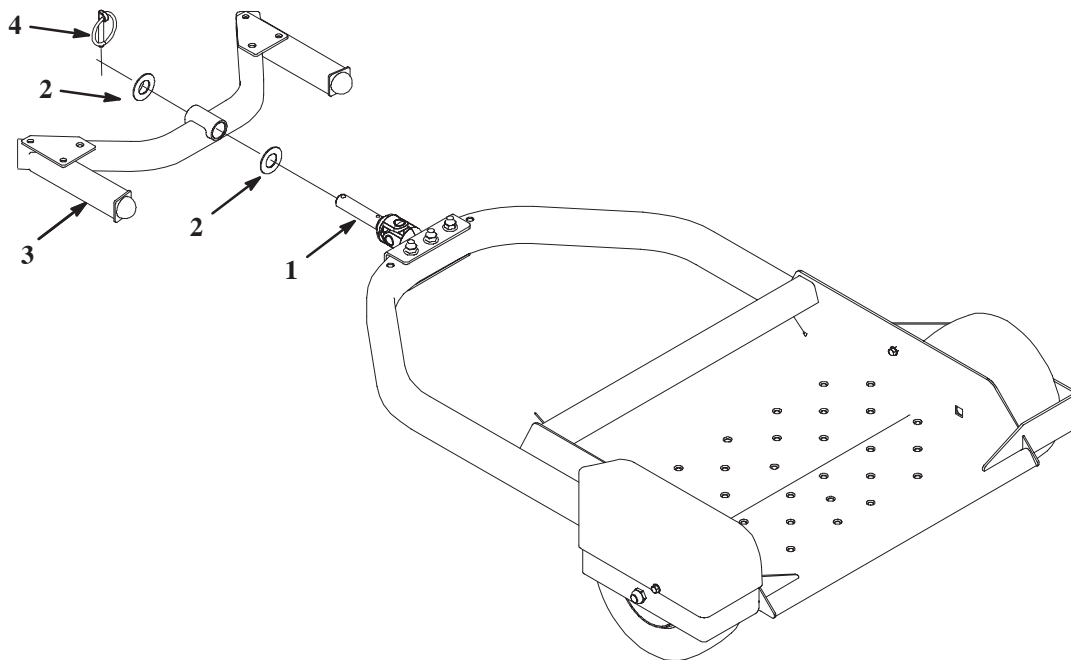


Figure 5

1. Sulky pivot shaft

2. Washer

3. Hitch

4. Lynch pin

Grease the Wheels

Refer to Greasing the Sulky, page 7.

Operation

- Drive slowly and take time to learn how the sulky moves when using it for the first time.
- Use care when turning to ensure that you do not swing yourself and the sulky into obstacles.
- When turning, lean forward and toward the direction of the turn to help in keeping your balance.

Maintenance

Recommended Maintenance Schedule

Maintenance Service Interval	Maintenance Procedure
8 hours	• Check the tire pressure
25 hours	• Grease all fittings • Oil pivot shaft
Storage Service	• Grease all fittings • Check the tire pressure • Paint chipped surfaces

Checking Tire Pressure

Ensure that the caster wheel tires are filled with air to 18–20 psi (124–138 kPa) every 8 operating hours or before each use.

Greasing the Sulky

Grease all fittings every 25 operating hours and immediately after every washing.

Grease Type: General-purpose grease.

1. Clean the grease fittings with a rag.
2. Connect a grease gun to each fitting (Fig. 6).
3. Pump grease into the fittings until grease begins to ooze out of the fittings.
4. Wipe up any excess grease.

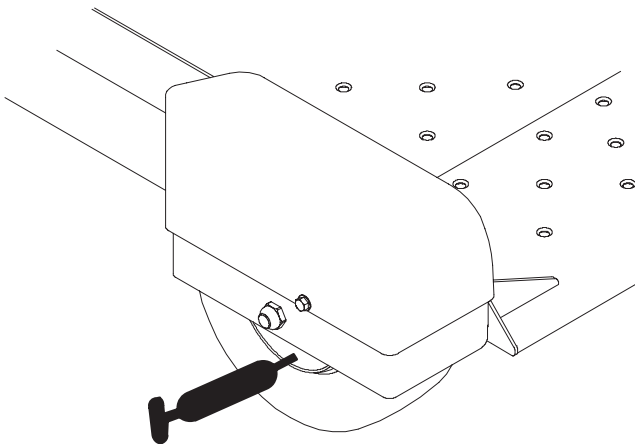


Figure 6

Oil the Pivot Shaft

Apply a light coating of oil to the unpainted portion of the sulky pivot shaft every 25 operating hours and immediately after every washing.

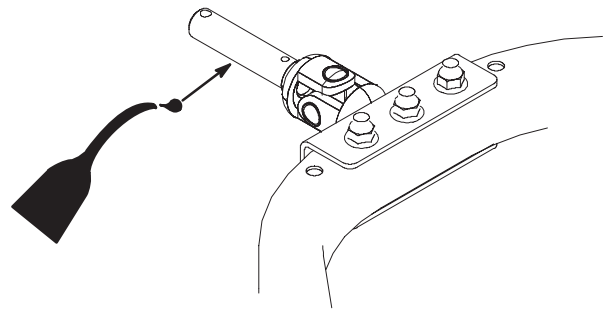


Figure 7



The Toro General Commercial Products 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. Where a warrantable condition exists, we will repair the Product at no cost to you including diagnosis, labor, parts, and transportation. This warranty begins on the date the Product is delivered to the original retail purchaser.

* Product equipped with 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 800-982-2740
E-mail: commercial.service@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 express 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, modified, or unapproved accessories
- Product failures which result from failure to perform required maintenance and/or adjustments
- 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, blades, reels, bedknives, tines, spark plugs, castor wheels, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, and check valves, etc.

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

- Failures caused by outside influence. Items considered to be outside influence include, but are not limited to, weather, storage practices, contamination, use of unapproved coolants, lubricants, additives, or chemicals, etc.
- Normal "wear and tear" items. 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 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 factory remanufactured parts rather than new parts for some warranty repairs.

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 printed in your operator's manual or contained in the engine manufacturer's documentation for details.