Form No. 3478-619 Rev A

Pneumatic Caster Wheel Kit (Set of Two)

GrandStand® Mower

Model No. 163-7457

Installation Instructions

Safety

Safety-Alert Symbol

The safety-alert symbol (Figure 1) shown in this manual and on the machine identifies important safety messages that you must follow to prevent accidents.



g000502

Figure 1
Safety-alert symbol

The safety-alert symbol appears above information that alerts you to unsafe actions or situations and is followed by the word **DANGER**, **WARNING**, or **CAUTION**.

DANGER indicates an imminently hazardous situation which, if not avoided, **will** result in death or serious injury.

WARNING indicates a potentially hazardous situation which, if not avoided, **could** result in death or serious injury.

CAUTION indicates a potentially hazardous situation which, if not avoided, **may** result in minor or moderate injury.

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.

Installation

Loose Parts

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

Procedure	Description	Qty.	Use
1	No parts required	–	Prepare the machine.
2	Wheel and bearing assembly	2	Install the kit.

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1

Preparing the Machine

No Parts Required

Procedure

1. Park the machine on a level surface.
2. Disengage the PTO, engage the parking brake, and move the motion-control levers outward to the NEUTRAL-LOCK position.
3. Shut off the engine and remove the key.

⚠ WARNING

Mechanical or hydraulic jacks may fail to support the machine and cause serious injury.

Use jack stands when supporting the machine.

4. Raise the front of the machine so that the casters are off the ground. Support the machine using jack stands.

   Note: Use jack stands rated for your machine. Refer to the *Operator's Manual* for your machine to determine the weight.

2

Installing the Kit

Parts needed for this procedure:

2	Wheel and bearing assembly

Procedure

1. Remove the locknut and bolt holding the caster wheel to the caster fork. Remove the wheel.

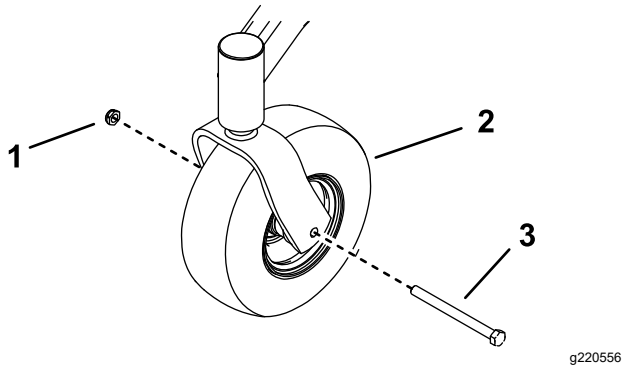


Figure 2

1. Locknut
2. Wheel
3. Bolt

2. Use the locknut and bolt to install the pneumatic caster wheel. Ensure that the valve stem faces outward from the machine. Torque the bolt to 91 to 113 N·m (67 to 83 ft-lb).
3. Repeat the procedure for the other caster wheel.
4. Inflate the caster wheels to 483 to 552 kPa (70 to 80 psi).