




Tool Rental Center

Tool Turn Guide

20in Turf Seeder
Model No. 23508—400000000 and Up



Supplier Technical Support #:
800-888-9926 (US and Canada)
Supplier Website: www.Toro.com

PURPOSE	Follow the directions below to maintain this tool.
SAFETY 	Refer to the product <i>Operator's Manual</i> for complete safety information.

Tool Inspection Process

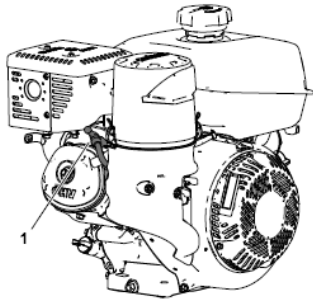
Perform the necessary maintenance procedures as specified in the following table (for complete procedures, refer to the *Operator's Manual*):

Maintenance Service Interval	Maintenance Procedure
After the first 5 hours	<ul style="list-style-type: none"> • Change the engine oil.
Before each use or daily	<ul style="list-style-type: none"> • Inspect the air-cleaner elements. • Check the engine-oil level. • Check the tire pressure. • Check the blades for wear or damage. • Check the seed gate. • Clean the engine and exhaust area. • Clean the debris buildup from under the machine. • Check for loose fasteners.
Every 25 hours	<ul style="list-style-type: none"> • Grease the slicer-shaft bearings. • Check the condition of the belts.
Every 50 hours	<ul style="list-style-type: none"> • Clean the air-cleaner elements. Clean them more frequently in dusty operating conditions. • Change the engine oil. • Check the spark arrester (if equipped). • Clean under the belt cover.
Every 100 hours	<ul style="list-style-type: none"> • Inspect and adjust the spark plug; replace it if necessary. • Change the hydraulic-transmission fluid.
Every 200 hours	<ul style="list-style-type: none"> • Replace the paper air-cleaner element. Replace it more frequently in dusty operating conditions. • Replace the spark plug.
Yearly or before storage	<ul style="list-style-type: none"> • Touch up chipped paint.

Important: Refer to your engine owner's manual for additional maintenance procedures.

Preparing for Maintenance

Before adjusting, cleaning, or repairing the machine do the following: park the machine on a level surface, disengage the drives, shut off the engine, wait for all moving parts to stop, engage the parking brake, raise the blades, and disconnect the spark-plug wire. After performing the maintenance procedure(s), connect the spark-plug wire to the spark plug.



1. Spark-plug wire

Tool Cleaning Process

Regular cleaning and washing with mild detergent and water will increase the life span of the machine. For best results, clean the machine soon after each use.

Important: Do not use brackish or reclaimed water to clean the machine.

Important: Do not use power-washing equipment to wash the machine.

Power-washing equipment may loosen important decals or wash away necessary grease at friction points. Avoid excessive use of water near the control panel and engine.

Important: Do not wash the machine with the engine running. Washing the machine with the engine running may result in internal engine damage.

Cleaning the Engine Area

1. Clean all debris from the engine air-intake screen and around the engine.
2. Wipe up any excessive grease or oil around the engine.

Cleaning the Bottom of the Machine

1. Turn the fuel shutoff valve to the OFF position, and drain the fuel from the fuel tank.
2. Tilt the machine rearward until the upper handle rests on the ground, and place a jack stand under the machine.

Note: If necessary, use 2 people to tilt the machine rearward.

3. Remove the debris with a hardwood scraper or other suitable device. Avoid burrs and sharp edges.
4. Return the machine to the upright position.
5. Fill the fuel tank.

Cleaning under the Belt Cover

1. Remove and retain the 4 bolts, lock washers, and 2 spacers securing the belt cover to the left side of the machine.
2. Remove the cover, and brush out all the debris around the belt area.
3. Install the belt cover, and tighten all the hardware.

Cleaning the Seed Gate

1. Drain the fuel from the fuel tank.
2. Tilt the machine rearward until the upper handle rests on the ground, and place a jack stand under the machine.

Note: If necessary, use 2 people to tilt the machine rearward

3. Clean the debris between the frame and the seed gate.
4. Lubricate the sliding surface between the frame and seed gate with a dry lubricant.
5. Return the machine to the upright position.
6. Fill the fuel tank.