Tool Rental Center

Tool Turn Guide

TimeMaster® 30in Lawn Mower
Model No. 21199HD—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 *Operator's Manual* for complete safety information.**

Tool Inspection Process

Check the operating hours on the hour meter, then perform the necessary maintenance procedures as specified in the following table (for complete procedures, refer to the *Operator's Manual*):

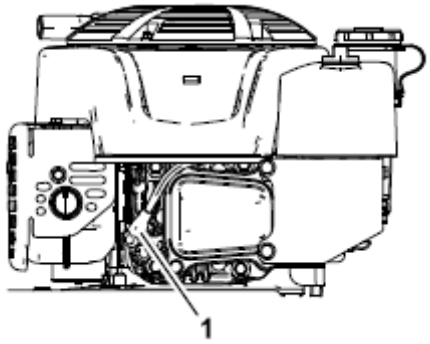
Maintenance Service Interval	Maintenance Procedure
Before each use or daily	• Check the engine-oil level and add oil as needed. • Check the blade-brake-clutch operation. • Ensure that the engine stops within 3 seconds after releasing the blade-control bar. • Clean grass clippings and dirt from under the machine. • Check the air filter and clean or replace it, if necessary. • Check the cutting blades.
After the first 5 hours	• Change the engine oil.
Every 50 hours	• Clean the air filter; clean it more frequently in dusty operating conditions. • Change the engine oil. • Service the blade-drive system.
Every 200 hours	• Replace the air filter; replace it more frequently in dusty operation conditions.
Before storage	• Empty the fuel tank before annual storage.
Yearly	• Service the air filter; service it more frequently in dusty operating conditions. • Change the engine oil. • Replace the blade or have it sharpened (more frequently if the edge dulls quickly).

Important: Refer to the *Engine Operator's Manual* for additional maintenance procedures.

Preparing for Maintenance

Shut off the engine and wait for all moving parts to stop. Disconnect the spark-plug wire from the spark plug before performing any maintenance procedure. After performing the maintenance procedure(s), connect the spark-plug wire to the spark plug.

Important: Before tipping the machine to change the oil or replace the blade, allow the fuel tank to run dry through normal usage. If you must tip the machine prior to running out of fuel, use a hand fuel pump to remove the fuel. Always tip the machine onto its side, with the dipstick down.



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.

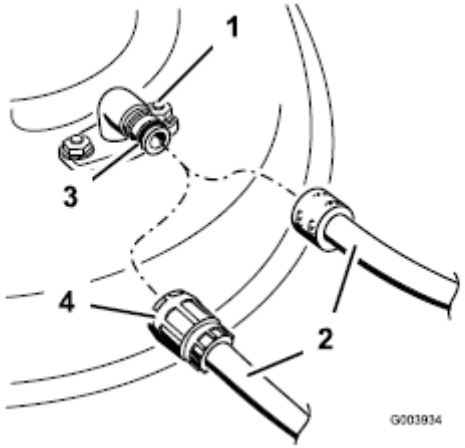
1. Move the machine to a level surface.
2. Shut off the engine and wait for all moving parts to stop before leaving the operating position.
3. Lower the machine to its lowest cutting-height setting.
4. Attach a hose to the washout fitting, and turn the water on high.

   Note: Spread petroleum jelly on the washout fitting O-ring to make the coupling slide on easier and protect the O-ring.

5. Start the engine, engage the blade-control lever, and let the machine run for 1 to 3 minutes with the blades turning.
6. Disengage the blade-control lever, shut off the engine, and wait for all moving parts to stop.
7. Shut off the water and remove the coupling from the washout fitting.

   Note: If the machine is not clean after a single washing, soak it and let it stand for 30 minutes. Then repeat the process.

8. Run the machine again and engage the blades for 1 to 3 minutes to remove the excess water.



1. Washout fitting
2. Hose
3. O-ring
4. Coupling

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Spring Maintenance Guide

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

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

Tool Inspection Process

Action	Recommended Parts	
	Part Number	**Description**
Clean grass clippings and dirt from under the machine.		
Remove the deck drive covers and clean grass clippings.		
Check the condition of the deck belts and pulley bearing.	120-3335	Synchronous belt
	120-9470	Traction belt
	121-5765	V-belt
Clean the engine by removing dirt and debris from the top and sides		
Check the blade-brake-clutch operation.		
Ensure that the engine stops within 3 seconds after releasing the blade-control bar.		

Recommended Routine Maintenance:

Action	Recommended Parts	
	Part Number	**Description**
Change the engine oil.		
Replace the air filter.	Source from Briggs	Air filter
Replace the spark plug.	Source from Briggs	Spark plug
Replace or sharpen the mower blades.	116-6358-03	Mower blades (Quantity 2)