Tool Rental Center

Tool Turn Guide

Z Master Commercial 3000 Series Riding Mower
Model No. 74949—400000000 and Up
Model No. 74949HD—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 	**Shut off the engine, remove the key, wait for all movement to stop, and allow the machine to cool before adjusting, repairing, cleaning, or storing it.** **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 safety-interlock system. • Check the engine-oil level • Check the seat belt. • Check the roll-bar knobs. • Clean the engine screen and the oil cooler. • Check and clean the hydraulic-unit shrouds. • Inspect the blades. • Clean the mower deck.
After the first 100 hours	• Check the wheel lug-nut torque. • Check the wheel-hub slotted-nut torque. • Check the parking-brake adjustment.
After the first 250 hours	• Change the hydraulic filters and hydraulic fluid.

Maintenance Service Interval	Maintenance Procedure
Every 50 hours	• Check the spark arrestor (if equipped). • Check the tire pressure. • Inspect the belts for cracks and wear. • Check the hydraulic-fluid level.
Every 100 hours	• Lubricate the mower deck-lift pivots. • Change the engine oil. • Replace or clean and gap the spark plug. • Check and clean the engine-cooling fins and shrouds.
Every 200 hours	• Change the engine-oil filter.
Every 250 hours	• Replace the primary air filter (more often in dirty or dusty conditions). • Check the safety air filter (more often in dirty or dusty conditions). • Change the hydraulic filters and hydraulic fluid when using Mobil® 1 fluid (more often in dirty or dusty conditions).
Every 300 hours	• Check and adjust the valve clearance. See an Authorized Service Dealer.
Every 500 hours	• Replace the safety air filter (more often in dirty or dusty conditions). • Replace the fuel filter (more often in dirty or dusty conditions). • Check the wheel lug-nut torque. • Check the wheel-hub slotted-nut torque. • Adjust the caster-pivot bearing. • Check the parking brake adjustment. • Change the hydraulic filters and hydraulic fluid when using Toro® HYPR-OIL™ 500 hydraulic fluid (more often in dirty or dusty conditions).
Monthly	• Check the battery charge.
Yearly	• Grease the pump-belt-idler arm. • Grease the front caster pivots (more often in dirty or dusty conditions). • Repack the front caster-wheel bearings (more often in dirty or dusty conditions). • Lubricate the caster-wheel hubs.
Yearly or before storage	• Paint chipped surfaces. • Check all maintenance procedures listed above before storage.

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

Tool Cleaning Process

Regular cleaning will increase the life span of the machine. Clean the machine after each use.
Check before cleaning that the fuel tank cap is properly in place to avoid getting water in the tank.
Use care when using a high-pressure washer because it can damage decals, grease seals, and the engine.

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Spring Maintenance Guide

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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.**

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

Tool Inspection Process

Step	Action
1	Clean grass clippings and dirt from under the machine.
2	Remove the deck drive covers and clean grass clippings.
3	Check the condition of the deck belts and pulley bearings.
4	Check the hydraulic pump-drive belt.
5	Clean the engine screen and engine-oil cooler.
6	Check the safety-interlock system.
7	Grease the front caster pivots.
8	Check the seat belt.
9	Check the roll-bar knobs.

10	Check that the tire pressure is 90 kPa (13 psi).
11	Check the parking brake.
12	Check the deck leveling.

Recommended Routine Maintenance:

Step	Action
1	Charge the battery.
2	Change the engine oil and filter.
3	Change the hydraulic fluid and filters.
4	Change the fuel filter.
5	Replace the primary and secondary air filters.
6	Replace the spark plugs.
7	Replace or sharpen the mower blades.
8	Torque the wheel lug nuts to 122 to 129 N·m (90 to 95 ft-lb).
9	Torque the wheel-hub slotted nut to 286 to 352 N·m (211 to 260 ft-lb).
10	Lubricate all grease points.

Recommended Parts

Part Number	Part Description
105-7781-01	High flow blade (quantity 3)
117-0390	Hydraulic filter (quantity 2)
121-4570	Fuel filter
49065-2071	Engine-oil filter
Source from Kawasaki	Primary air filter
Source from Kawasaki	Secondary air filter
Source from Kawasaki	Spark plug (quantity 2)