



TURF EQUIPMENT SERVICE PROGRAM

OCTOBER 15, 2023 - MARCH 31, 2024

2023 WINTER SERVICE PROGRAM

Our factory trained and certified turf equipment technicians will ensure your turf equipment is professionally serviced and ready to spring into action in 2024.

Our service team will be offering complete equipment service packages, special customer requests, complete hydraulic system flush and reel sharpening and cutting unit re-builds.

Our service department will make arrangements to pick-up, service and deliver your equipment after all the work has been completed. As a reminder, we have limited space and service capacity, so scheduling will be imperative to ensure all our customers will be accommodated for their service requirements.

Equipment and reels received after December 31st cannot be guaranteed to be returned by May 1, 2024.

Please contact:

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****Performance Parts Pricing will be offered on our winter service program on parts utilized for repairs.**

TERMS:

Equipment received prior to December 31, 2023

Reel Sharpening and Re-Build Cutting Units – May 10, 2024

Equipment Service – May 10, 2024

Equipment received 1/1/2024 or In-Season

Reel Sharpening and Re-Build Cutting Units – Net 30 Days

Equipment Service – Net 30 Days

Subject to credit approval by Midland Implement Company, Inc.

PICK-UP AND DELIVERY:

A \$75.⁰⁰ delivery fee applies to local equipment deliveries and pick-ups.

Up to \$250.⁰⁰ Trip Fee by November 30, 2023 per customer.

Up to \$400.⁰⁰ Trip Fee charges December 1, 2023 - March 31, 2024 per customer.

A signed Service Order must accompany all service requests for reels and equipment at time of pick-up.

Due to liability reasons, any unit received with a malfunctioning safety interlock system will be returned with the interlock system in operating condition. It is a federal law our company must abide by and is for your safety as well. Additional charges will be added to the repair ticket.

Hybrid System Health Check

A new way to look into your hybrid systems and view the current status of voltage and electrical readings with our Toro Diagnostics System. We will also inspect, clean, and load test your on board battery packages and inspect the hybrid generator controller. This is a great service for preventative maintenance.



Triflex Units \$300.⁰⁰
Fairway Units \$500.⁰⁰
**parts extra

*For Toro Systems only

High Pressure Hydraulic Filtration

Maintain and protect your machine's hydraulic system with our High Pressure filtration equipment. Rid your machine of unwanted debris and contamination for your traction units hydraulic system.

\$350.⁰⁰ per unit

Preventative Maintenance

To get the most out of your equipment investment, it is important to have a good preventive maintenance program. Doing scheduled maintenance and adjustments will prolong the life of your equipment, help prevent expensive down time and give the best possible quality of cut and performance. Experience has shown that a high percentage of problems that occur in turf equipment have developed over a period of time and could have been prevented by adjustment, lubrication, or other required maintenance.

Follow the maintenance and adjustment recommendations listed in the Operator's Manual. Some products may also have a Quick Reference maintenance decal on the machine. Recommended maintenance intervals should be considered minimum requirements. If the equipment is operated in particularly harsh conditions, such as very hot weather, during the "grow in" period after construction, or on top dressed greens, these procedures may have to be performed more often.

Use original Toro parts when doing maintenance or repairs. These parts have been tested and designed for this specific, very demanding, application. "Will fit" parts may look the same and fit, but they can give totally different performance. Don't take a risk on your important equipment investment by saving a little money now that can cost you expensive repairs or increased maintenance intervals later.

Maintenance Schedules and Record Keeping

Keep records for each machine to make sure these maintenance procedures are being performed at the proper time. These records will also help you predict parts inventory needs. If you keep a stock of required maintenance parts, such as filters, bed knives, belts and seals, you won't be caught in a situation where important maintenance was not performed on schedule because of lack of parts.

Maintenance Schedules and Daily Maintenance Checklists are included in your Operator's Manual

REEL SHARPENING AND RE-BUILD PROGRAM



Greensmaster 3000 Series
All Walking Greensmowers
5" Fairway
7" Fairway
27"-32" Trim Reels

Toro		Jacobsen*/John Deere*	
Fall Program	In Season Program	Fall Program	In Season Program
10/10-1/15/24	After 1/15/24	10/10-1/15/24	After 1/15/24
\$155/each	\$175/each	\$185/each	\$225/each
\$160/each	\$185/each	\$190/each	\$230/each
\$160/each	\$185/each	\$190/each	\$230/each
\$190/each	\$215/each	\$230/each	\$270/each
\$265/each	\$295/each	\$335/each	\$405/each
Fairway Reel Relief Grind		\$50 per reel	

REEL SHARPENING (Billings Service Department)

*LIMITED AVAILABILITY

Sharpening rates for the cutting units include:

- Labor for turning or replacing the bed knife & sharpening.
- Adjust reel bearing reload and check for any free play.
- Adjust single/dual point adjuster, for proper orientation.
- Inspect and document serviceable limit.
- Inspect roller for bearing play or wear.
- Inspect cut off bar, adjust as needed.
- Replacement of bed knife & screws.
- Spin grind reel & relief grind if needed.
- Check and fill gear case lubrication level.
- Set Height of Cut (HOC) if applicable.
- Additional attachments extra.

Please answer the following prior to cutting unit sharpening:

- What is the cutting unit application? (Tees, fairways, greens)
- What height of cut should the cutting units be set for?
- What height of groom, if any, should be set?
- Do you want the reel bearings replace as part of routine maintenance on reels? This is an additional fee.

NOTE

- All reels are roller-mounted when ground, and rollers must not have any free play. They will be repaired unless you request not to do so.
- Bent or broken reel blades cannot be relief-ground.
- * *All parts and lubricants are extra. If additional work is required, you will be notified with a repair cost estimate. Repairs may be required in order to properly sharpen cutting units.*

OVERHAUL RATES 2023 CALL FOR PRICING

A signed Service Order must accompany all service requests for reels and equipment at time of pick-up.

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TORO Groundsmaster 3200, 3300, 3280, & 328 # 1

\$625.⁰⁰ plus parts & lubricants

- Replace engine oil & filter.
- Replace air filter.
- Replace spark plug & wire set, breaker points, condenser, rotor, distributor cap if applicable.
- Replace fuel filter, inspect fuel lines.
- Check engine high & low speeds.
- Check all engine belts & adjust to proper tension (advise if replacement is needed).
- Clean radiator exterior & inspect all hoses for wear.
- Change coolant & fill to proper level.
- Test battery condition with load test, clean battery cables, & check electrolyte level-adjust as needed.
- Check charging system. Inspect coupler between engine & hydrostat damage or wear.
- Replace hydrostatic transmission oil & filter.
- Inspect hydrostatic transmission for leaks.
- Adjust hydrostat for neutral.
- Inspect traction pedal friction wheel.
- Replace fluid in cutter deck gearbox.
- Adjust cutter deck drive belt tension.
- Adjust PTO drive system, including PTO brake.
- Check cutter deck bearing spindles.
- Replace blades.
- Check for worn caster wheels & bearings.
- Inspect front drive axles.
- Clean & adjust brakes, brake cables, & inspect parking brake for proper operation.
- Remove rear wheel bearing, clean & repack, install new grease seals & reinstall.
- Torque all wheel fasteners.
- Check tire pressures and adjust if needed.
- Lubricate all grease fittings.
- Check PTO fork.
- Inspect all safety switches (replace any non-working switches at additional charge-mandatory).
- Check engine mounts.



Recommended services done by request at additional cost

- Perform compression test
- Calibrate injectors - 1,000 hour intervals
- Adjust valve clearances & install new valve cover gasket

TORO Groundsmaster 3500-D # 2

- Replace engine oil & filter.
- Adjust valve clearances & install new valve cover gasket.
- Replace fuel filters.
- Adjust maximum & low engine speed.
- Load test battery, clean battery cables, check electrolyte level - adjust as needed.
- Test alternator output.
- Inspect operation of all gauges, indicator lights, & safety switches (relace any non-working switches at additional charge - mandatory).
- Replace hydro oil filter (change oil or adjust level if needed).
- Inspect all hydro hoses & fittings for wear, clean oil cooler.
- Inspect traction fiction wheel.
- Adjust traction linkage for neutral.
- Inspect hydro pump, hydrostatic, & reel motors for leaks.
- Clean & adjust brakes & brake cables, inspect parking brake for proper operation, inspect axle bearings for play.
- Insect bushings in pull frame.
- Remove the rear wheel bearings, clean & repack, install new grease seals, & reinstall.
- Torque all wheel fasteners.
- Check tire pressure & adjust if needed.
- Lubricate all grease fittings.
- Test glow plug operation.

Recommended services done by request at additional cost

- Perform compression test
- Torque cylinder head - 500 hour intervals
- Send injectors out for calibration - 1,000 hour intervals
- Recondition radiator - 1,000 hour intervals
- Adjust valves - 800 hour intervals



Please notify us ahead of time of any specific problems you're having with your unit. Based on all inspections, if additional work is required, you will be notified with a repair cost estimate.

TORO GROUNDSMASTER 7200 & 7210 SEASONAL CONVERSIONS # 3

Winter Conversion

- Remove cutting deck.
- Inspect cutting deck for damage or wear.
- Install cab on unit.
- Align driveshaft & inspect for damage.
- Attach Polar Trac™ conversion kit.
- Inspect tires for wear or damage.
- Check and adjust tire pressure, if needed.
- Connect wire harness. Inspect for any damaged components.
- Torque all components appropriately.
- Start & test operation of unit.
- Inspect unit for leaks.
- Check & top off fluids, if needed.
- Lube all grease fittings.



Winter Conversion - \$625.⁰⁰ plus parts & lubricants
Summer Conversion - \$625.⁰⁰ plus parts & lubricants
\$625.⁰⁰ plus parts & lubricants - service only

Summer Conversion

- Remove Polar Trac™ conversion kit & cab from unit. Inspect for damage or wear.
- Inspect driveshaft for damage or wear.
- Install cutting deck on unit. Inspect cutting unit for damage or wear.
- Check & adjust pressure of tires and/or caster wheels.
- Torque all components appropriately.
- Start & test operation of unit.
- Inspect unit for leaks.
- Check & top off fluids, if needed.
- Lube all grease fittings.



TORO GROUNDSMASTER 4300-D & 4500-D # 4

\$1000.⁰⁰ plus parts & lubricants

- Change engine oil & filter.
- Change hydraulic oil & filter.
- Service air cleaner.
- Replace fuel filter canister.
- Clean radiator exterior & inspect all hoses for wear.
- Change coolant & fill to proper level.
- Inspect transmission for leaks.
- Adjust hydrostat for neutral.
- Check cutter deck bearing spindles.
- Test battery condition w/load test, clean battery cables, & check electrolyte level-adjust as needed.
- Check engine high & low speeds.
- Replace blades.
- Adjust hydrostat & tracking arms for neutral.
- Check fuel lines and connection, inspected fuel lines & tank for debris.
- Check alternator belt tension.



Recommended services done by request at additional cost

- Perform Compression Test
- Calibrate injectors - 1,000 hour intervals
- Adjust the valve clearances & install new valve cover gasket - 800 hour intervals
- Replace moving hoses - 1,500 hour intervals
- Check emissions control products - 3,000 hour intervals

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TORO GROUNDSMASTER 4000-D & 4100-D

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\$1000.⁰⁰ plus parts & lubricants



- Replace engine oil & filter.
- Replace fuel filter.
- Replace water separator.
- Replace air filter.
- Replace hydro oil & filter.
- Replace Blades.
- Change the planetary gear oil.
- Replace rear axle fluid.
- Check all deck and wing pivot point.
- Check wing deck switches and clean out debris.
- Check fan clutch for leaks.
- Adjust parking brake.

- Test Battery, clean battery terminals.
- Test charging system (load test).
- Inspect all belts & adjust as required.
- Inspect all hoses.
- Check neutral point for creep & adjust if needed.
- Inspect all safety switches (replace any non-working switches at additional charge-mandatory).
- Inspect for fluid leaks.
- Inspect cutting deck for worn belts, dampeners, rollers, caster & spindles.
- Check tire pressure & adjust if needed.
- Lubricate all grease fittings.
- Check and adjust the fan and alternator belt.
- Inspect 4WD for leaks & pivot play.

Recommended services done by request at additional cost

- Perform Compression Test
- Recondition radiator - 1,000 hour intervals
- Adjust the valves - 800 hour intervals
- Calibrate injectors - 1,000 hour intervals
- Replace moving hoses - 1,500 hour intervals

Recommended services done on Tier 4 as request at additional cost

- Drain and clean the fuel tank - 800 hour intervals
- Adjust the valve clearance - 1,000 hour intervals
- Check emissions control products - 3,000 hour intervals

TORO GROUNDSMASTER 5900 - 5910

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- Replace engine oil & filter.
- Replace air filter
- Replace hydro filters
- Replace fuel filter
- Replace blades
- Check entire unit for leaks.
- Check rear axle
- Check lift arm pivot pins, bushings & ball joints.
- Check glow plug operation.
- Check engine RPM's & adjust if needed.
- Flush cooling system (pressurize system, check air flow, replace coolant).
- Check engine belts.
- Check charging system.
- Check batteries (load Test), clean battery terminals 12V and 24V system.
- Check high & low speed range operation.
- Check parking brake & stop brake, adjust if needed, check fluid.
- Inspect all safety switches (replace any non-working switches at additional charge-mandatory).

\$1250.⁰⁰ plus parts & lubricants

(4WD units & units w/cabs or other accessories will be more)

- Check traction pedal operation, check neutral on hydro & calibrate traction pedal.
- Replace planetary gear lube.
- Remove rear wheels, replace seals & repack bearings on 2wd units.
- Check tire pressure & adjust if needed.
- Lubricate all grease fittings.
- Check for updated revision for software

Recommended services done by request at additional cost

- Adjust engine valve clearance, replace valve cover gasket.
- Perform compression test.
- Replace brake fluid - 1,000 hour intervals
- Replace hydro oil and clean screen - 1,000 hour intervals
- Recondition radiator - 1,000 hour intervals
- Inspect emission control components - 3,000 hour intervals



Please notify us ahead of time of any specific problems you're having with your unit. Based on all inspections, if additional work is required, you will be notified with a repair cost estimate.

TORO REELMASTER FAIRWAY MOWERS

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- Replace engine oil & filter.
- Adjust valve clearances & install new valve cover gasket.
- Replace fuel filters.
- Adjust maximum & low engine speed.
- Load test battery, clean battery cables, check electrolyte level - adjust as needed.
- Test alternator output.
- Inspect operation of all gauges, indicator lights, & safety switches (replace any non-working switches at additional charge - mandatory).
- Replace hydro oil filter (change oil or adjust level if needed).
- Inspect all hydro hoses & fittings for wear, clean oil cooler.
- Inspect traction fiction wheel.
- Adjust traction linkage for neutral.
- Inspect hydro pump, hydrostatic, & reel motors for leaks.
- Clean & adjust brakes & brake cables, inspect parking brake for proper operation, inspect axle bearings for play.
- Insect bushings in pull frame.
- Remove the rear wheel bearings, clean & repack, install new grease seals, & reinstall.
- Torque all wheel fasteners.

- Check tire pressure & adjust if needed.
- Lubricate all grease fittings.
- Test glow plug operation.

Recommended services done by request at additional cost

- Perform compression test
- Torque cylinder head - 500 hour intervals
- Send injectors out for calibration - 1,000 hour intervals
- Recondition radiator - 1,000 hour intervals
- Adjust valves - 800 hour intervals



Traction Units - \$875.⁰⁰ plus parts & lubricants

TORO GREENMASTER TRIPLEX AND TRIFLEX

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- Replace engine oil & filter.
- Replace air filter.
- Remove debris from around exterior of the cylinder fins & intake air screen.
- Replace spark plugs, breaker points, & condenser (if applicable).
- Replace fuel filter or clean sediment bowl, inspect all fuel lines.
- Adjust carb idle, check & set high/low RPM's
- Load test battery, clean battery cables, inspect electrolyte level, & adjust as needed.
- Check charging system.
- Inspect operation of all gauges, indicator lights, & safety switches (replace any non-working switches at additional charge - mandatory).
- Replace hydro oil filter (change oil if needed).
- Inspect hydro hoses & fittings for leaks.
- Check lift-lower operation and adjust as needed.
- Check operation of traction linkage.
- Clean & adjust brakes, inspect parking brake for proper operation.

- Inspect pull frame for correct alignment.
- Inspect pull frame & pull arm bushings
- Adjust steering cables (if applicable).
- Torque all wheel fasteners.
- Check tire pressure and adjust if needed.
- Lubricate all grease fittings.
- Inspect lift system bushing for wear.

Recommended services done by request at additional cost

- Perform compression test



Traction Units - \$625.⁰⁰ plus parts & lubricants

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TORO WALKING GREENSMOWERS

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- Replace spark plug.
- Replace engine oil.
- Inspect for worn reel bearings.
- Inspect & adjust carb & all cables.
- Inspect & adjust all belts.
- Inspect for worn roller bearings.
- Lubricate all grease fittings.
- Check tire pressure on pneumatic style wheels & adjust if needed.
- Inspect operation of all gauges & safety switches (replace any non-working switches at additional charge-mandatory).
- Change gearbox fluid (Flex 21 model).
- Check rear drum for play.

Recommended services done by request at additional cost

- Perform compression test



Traction Units \$250.⁰⁰ plus parts & lubricants

TORO HEAVY DUTY WORKMAN

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- Check cable adjustment.
- Replace transaxle filter.
- Check transaxle oil & change (if needed).
- Change engine oil & filter.
- Replace spark plug (if applicable).
- Check battery & cable connections.
- Service air cleaner.

- Check front axle CV boot joint (4WD).
- Inspect service & parking brake.
- Check front wheel alignment.
- Replace fuel/water separator filter.
- Check & pack front wheel bearings (if needed).
- Clean radiator exterior & inspect all hoses for wear.
- Change coolant & fill to proper level.
- Check charging system.
- Check engine mounts.

Recommended services done by request at additional cost

- Perform compression test
(Diesel - 1 hour, Gas - 1/2 hour)

\$500.⁰⁰ plus parts & lubricants

TORO SPRAYERS

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- Replace engine oil & filter.
- Replace air filter.
- Replace fuel filter & check fuel lines.
- Replace spark plugs.
- Replace hydraulic oil & filter.
- Replace rear planetary gearbox fluid.
- Check coolant & replace or top off as needed.
- Inspect cooling system hoses for damage or wear.
- Clean radiator fins.
- Check battery electrolyte level.

- Inspect & clean battery cable connections.
- Inspect fan & alternator belts & adjust if needed/
- Inspect tires for damage or wear & adjust tire pressure.
- Torque wheel lug nuts.
- Check front wheel toe-in & adjust if needed.
- Inspect & pack front wheel bearings.
- Start, operate and calibrate machine.
- Lube all grease fittings.

\$625.⁰⁰ For 150-200 gal

\$875.⁰⁰ For 300 gal

plus parts & lubricants



Please notify us ahead of time of any specific problems you're having with your unit. Based on all inspections, if additional work is required, you will be notified with a repair cost estimate.

'23 TURF EQUIPMENT WINTER SERVICE REQUEST

CUSTOMER _____

DEALER # _____

CONTACT _____

PHONE # _____

CELL # _____

EMAIL _____

FAX # _____

TRACTION UNIT

MODEL # _____ S/N _____ PROGRAM # _____

MODEL # _____ S/N _____ PROGRAM # _____

HYDRAULIC FLUSH – Y/N _____

EQUIPMENT ISSUES NON-RELATED TO GENERAL SERVICE PROGRAMS*

*Additional Costs maybe incurred

Signature: _____

Date: _____