

100/100V SERIES QUICK-REFERENCE MAINTENANCE SCHEDULE



See Operator's Manual for details on specific model in use.

Turn off engine & remove key prior to servicing unit. Replace all safety shielding removed during service procedures prior to operating machine.

Do Not Over Grease

Excessive lubricant increases load on bearings and causes overheating.

Wipe off excess grease as it works like a magnet to attract particles.

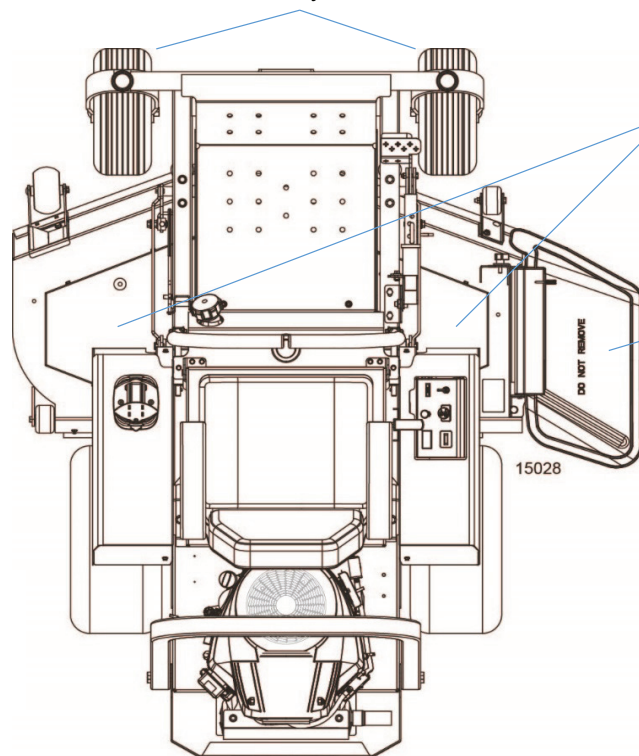
A normal grease application is 1 to 2 strokes, slowly applied. However, spindle bearings may require 3 to 5 strokes each time – apply grease until slight resistance is felt.

Inspect deck belt every 100 hours for wear; and proper spring tension on idler; consult manual.

Inspect drive belt every 100 hours. Idler is self-tensioning with torsion spring.

Front Wheel Bearings

Grease every 8 hours



Blade Spindles Two on 41" deck and three on 48" & 52" decks. Spindles without grease zerks have sealed upper & lower bearings and are non-greaseable. S/N 5999999 & below: Grease every 40 hours, 3 to 5 strokes.

Keep discharge shield in working position.

Check Operator Presence System before each operation. Engine shut-off switches are in seat, levers, parking brake and PTO switch.

Check tire pressures daily (Refer to decals on rims)
Turf drive tires: 8 psi
Front tires: 12 psi

Use Battery Minder if unit is to sit idle more than 30 days. (Remove Battery Minder before using battery charger on low or dead battery; and always use slow charge setting to avoid damaging battery plates.)

Use **Grasshopper Premium Twin-Fiber Homogenized Tire Sealant** to prevent small leaks.

Clean Often With Air

Do not use high pressure water or steam to clean engine or drive compartment. Water and cleaning detergent forced into switches and electrical connections may cause rust and corrosion, possibly leading to component and safety circuit failure.

Use low pressure compressed air, vacuum cleaner or leaf blower to remove foreign material from the engine and drive compartment.

100 Series (H Series) transmissions: check fluid level every 100 hours (raise seat to locate sight window) and change fluid and filter every 500 hours. Use 7-micron absolute filter no. 100855 and 1.5 qts (1.4 L) of CoolTemp Hydro-Max™ fluid part # 345044 (qt.); #345046 (2-gal.). No bleeding required. System is self-bleeding.

100V Series (HTE Series) transmissions: change fluid and filter every 300 hours. Use replacement filter no. 130605 (one on each transmission) and 1.5 qts (1.4 L) per transmission of CoolTemp Hydro-Max™ fluid part # 345044 (qt.); #345046 (2-gal.). Follow procedure outlined in owner's manual.

Use OEM parts, especially belts, blades and filters. OEM parts are engineered to work in conjunction with the specific system for which they are designed. If aftermarket parts fail to protect the equipment, more will be spent on repairs than what is saved on cheaper parts and they may void warranty.



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