

500V SERIES POWER UNIT 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.

- 1 **Front Wheel Bearings (2):** 8 hours. (1 to 2 strokes of
- 2 **Rear Wheel Bearings:** Grease every 8 hours.
Single Fork Tail Wheel on 524V-42.
Wide-Stance Single-Fork Tail Wheel on 526V-52.
- 3 **Inspect Clutch Belts regularly**
- 4 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.)

TRANSMISSION NOTES

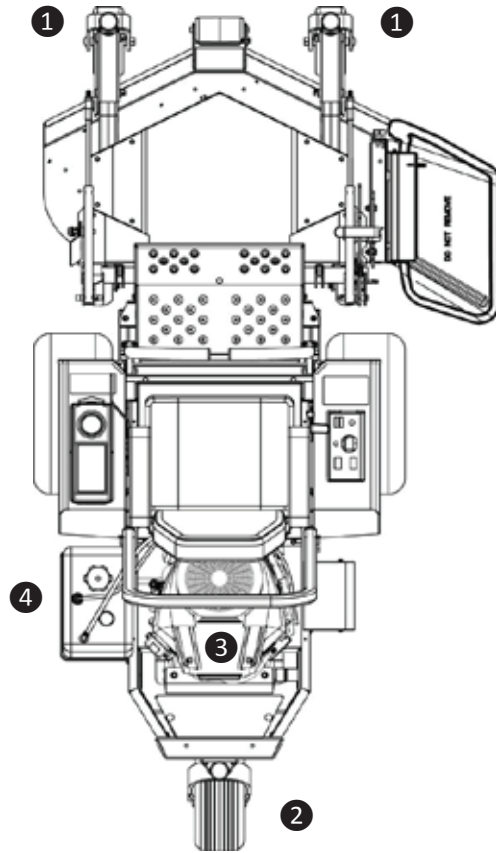
Hydrostatic Transmission Fluid

Use CoolTemp™ Hydro-Max™ Fluid only part #345044-quart;

See Owner's Manual for capacity:

Hydro, Fluid & Filter Change Frequency

500V 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 (at). Follow procedure outlined in owner's manual.



• GENERAL SERVICE RECOMMENDATIONS

- **CHECK OPERATOR PRESENCE SYSTEM** before each operation. Engine shut-off switches are in seat, levers, parking brake and PTO switch.
- Keep discharge shield in working position
- **CHECK TIRE PRESSURES DAILY** 8" Drive Tires: 8psi. Tail Wheels: 12-15 psi. Refer to decal on rim for proper pressure. Use Grasshopper Premium Twin Fiber Homogenized Tire Sealant to prevent small leaks.
- **CLEAN 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. Do not allow debris to build up around transmission and engine areas as this can cause overheating and may void product warranty. Use vacuum cleaner or air blower to remove foreign material from the engine and drive compartment.
- **DON'T OVER-GREASE!** Excessive lubricant increases load on bearings and causes overheating. Wipe off excess grease as it works like a magnet to attract particles. Unless otherwise noted, a normal grease application is 1 to 2 strokes, applied slowly.
- **USE OEM PARTS**, especially belts 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.
- **TO PUSH OR PULL UNIT WITHOUT ENGINE RUNNING**, release dump valves on both transmissions to allow unit to become free-wheeling.
- **BURNISH CLUTCH.** Follow Operator Manual's instructions on burnishing new clutches that have not been used for several weeks.



The Grasshopper Company • 105 Old U.S. Highway 81
P.O. Box 637 • Moundridge, KS • 67107 U.S.A.
T: **620-345-8621** • grasshoppermower.com

