

WARNING

AVOID INJURY OR DEATH

- Keep cover closed except for service.
- Keep engine clean of flammable material.
- Keep body, loose objects and clothing away from electrical contacts, moving parts, hot parts and exhaust.
- Do not use machine in space with explosive dust or gases or with flammable material near exhaust.
- Exhaust gases can kill. Always ventilate.
- Never use ether or starting fluid on diesel engine. Use only starting aids as approved by engine manufacturer.
- Leaking fluids under pressure can enter skin and cause serious injury.
- Battery acid causes severe burns; wear goggles. If acid contacts eyes, skin or clothing, flush with water. For contact with eyes, flush and get medical attention.
- Battery makes flammable and explosive gas. Keep arcs, sparks, flames and lighted tobacco away.
- For jump start, connect negative cable to the machine frame last (never at the battery). After jump start, remove negative connections at the frame first.

IMPORTANT

THIS MACHINE IS FACTORY EQUIPPED WITH A U.S.D.A. FORESTRY SERVICE APPROVED SPARK ARRESTOR EXHAUST SYSTEM.

THE SPARK ARRESTOR MUFFLER, IF EQUIPPED, MUST BE CLEANED TO KEEP IT IN WORKING CONDITION. THE SPARK ARRESTOR MUFFLER MUST BE SERVICED BY DUMPING THE SPARK CHAMBER EVERY 100 HRS OF OPERATION. ON SOME MODELS, THE TURBOCHARGER FUNCTIONS AS THE SPARK ARRESTOR AND MUST OPERATE CORRECTLY FOR PROPER SPARK ARRESTOR FUNCTION.

IF THIS MACHINE IS OPERATED ON FLAMMABLE FOREST, BRUSH, OR GRASS COVERED LAND, IT MUST BE EQUIPPED WITH A SPARK ARRESTOR ATTACHED TO THE EXHAUST SYSTEM AND MAINTAINED IN WORKING ORDER. FAILURE TO DO SO WILL BE IN VIOLATION OF CALIFORNIA STATE LAW, SECTION 4442. PRC. REFER TO LOCAL LAWS AND REGULATIONS FOR SPARK ARRESTOR REQUIREMENTS.

SEE THE OPERATION AND MAINTENANCE MANUAL FOR MORE INSTRUCTIONS.

SERVICE SCHEDULE

- † Check wheel nut and bolt torque every 8 hours for the first 24 hours.
- Service at first 50 hours, then as scheduled.
- ◆ See Operation & Maintenance Manual for correct fluid specifications, filter part number and location.

EVERY 8-10 HOURS

- ENGINE OIL - Check level and add as needed. Do not overfill.
- HYDRAULIC FLUID - Check level and add as needed.
- ENGINE COOLING SYSTEM - Clean debris from radiator, oil cooler, grills, and condenser (if equipped). Check coolant level cold, add as needed.
- TIRES - Check for wear, damage, ensure proper size and proper inflation pressure.
- PARKING BRAKE - Check operation and adjust if required.
- SAFETY INTERLOCK SYSTEM - Check for proper function. Refer to Operation & Maintenance Manual.
- GENERAL - Check for loose or broken parts, damaged operator cab, instrument operation, loose wheel nuts, oil leaks, and damaged or missing safety signs (decals), guards and PTO master shield. Repair or replace as needed. Replace floormat if damaged or missing.
- ENGINE AIR SYSTEM - Check for leaks & damaged components.
- SEAT BELTS - Check seat belt condition and mounting hardware. Repair or replace as needed.
- CLEAN PEDALS - Clean brake pedal, travel control pedal(s) and the footrest area.
- PTO - Inspect the shaft splines. Replace damaged or missing guards & shields.
- THREE-POINT LINKAGE - Check operation and condition of pins, links & sway bars.
- LOADER - Check mounting hardware for loose or broken parts.

EVERY 50 HOURS

- GREASE FITTINGS - Grease all machinery pivots with multipurpose lithium based grease. See illustrations.
- WHEEL NUTS AND BOLTS - Check for loose wheel nuts and bolts and tighten as needed. Refer to Operation & Maintenance Manual for proper torque specification(s). †
- FRONT DIFFERENTIAL - Check fluid level and add as needed.

EVERY 100 HOURS

- BATTERY - Check battery for damage, hold downs, cables, connections and electrolyte level. Add distilled water as needed
- FAN/ ALTERNATOR BELT - Check for damage and replace if needed. Check tension & adjust if needed. ■
- SPARK ARRESTOR MUFFLER - Empty spark chamber. ◆
- ENGINE OIL AND FILTER - Change engine oil and filter. ■ ◆
- ENGINE AIR FILTER - Check primary filter element and clean as needed. Replace every year.
- CLUTCH - Check pedal free travel and adjust as necessary (if equipped). ■
- BRAKE - Check free travel of pedals and adjust as necessary. ■
- FUEL LINE - Check hose condition and clamp tension. Replace and or adjust as needed.

EVERY 200 HOURS

- FUEL FILTER - Replace filter element. ◆
- HYDRAULIC OIL FILTER - Replace the hydraulic oil filter. ■ ◆
- HYDROSTATIC OIL FILTER (HST models only) - Replace hydrostatic oil filter. ■ ◆
- HYDRAULIC, HYDROSTATIC and POWER STEERING, HOSES AND TUBELINES - Check for damage and for leaks. Repair or replace as required.
- RADIATOR HOSE AND CLAMPS AND AIR INTAKE HOSE - Check hose condition and clamp tension. Replace and/or adjust tension as needed.
- TOE IN - Check front axle toe in. Adjust if necessary.

EVERY 400 HOURS

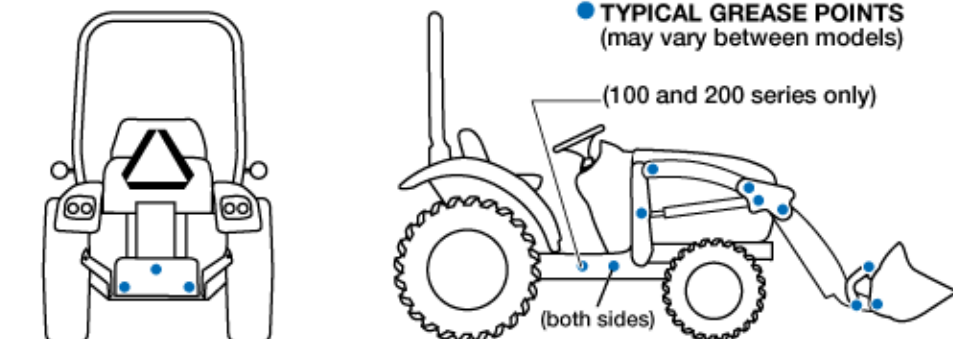
- DIFFERENTIAL OIL - Replace the front differential oil. ■ ◆
- HYDRAULIC FLUID - Replace hydraulic fluid. ■ ◆
- CLUTCH HOUSING - Drain water every year (if equipped).

EVERY 1000 HOURS (OR EVERY 2 YEARS)

- ENGINE COOLANT - Flush the cooling system and replace coolant with 50% ethylene glycol premixed with 50% water.



Use Genuine Replacement Parts



● TYPICAL GREASE POINTS (may vary between models)

• See Operation & Maintenance Manual for more information and instructions.