

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.
- All 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. Immediate medical attention is required. Wear goggles. Use cardboard to check for leaks.
- Battery acid causes severe burns. Wear goggles. If acid contacts eyes, skin or clothing, 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 MUFFLER.

IT IS NECESSARY TO CLEAN THIS SPARK ARRESTOR MUFFLER TO KEEP IT IN WORKING CONDITION. THE SPARK ARRESTOR MUFFLER MUST BE SERVICED BY DUMPING THE SPARK CHAMBER EVERY 100 HOURS 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.

SERVICE CHECKLIST AND SCHEDULE

- * Service only when machine is equipped with this item.
- Service at first 50 hours, then as scheduled.
- ▲ Service at first 100 hours, then as scheduled.

EVERY 8-10 HOURS

- Check engine coolant level.
- Check engine oil level.
- Check hydraulic fluid level.
- Check air cleaner condition indicator
- Check and adjust track tension.
- Check indicator lights for correct operation.
- Check canopy condition and mounting hardware.
- Check seat belt condition and mounting hardware.
- Check control console(s) lockout for proper operation.
- Check for damaged signs (decals) - Replace as needed.
- Grease all machinery pivot points. (See illustrations)
- *Apply grease to slide on extendable arm.
- *Clean cab heater filter

EVERY 50 HOURS

- Grease swing pinion and swing circle. (See illustrations)
- Drain water and sediment from fuel tank and fuel filter.
- Check battery, cables and electrolyte level.

EVERY 100 HOURS

- Check and adjust belt(s) if required.
- Spark Arrestor Muffler - Clean spark chamber.

EVERY 250 HOURS

- Replace diesel fuel filter.
- Check oil level in both final drive cases.

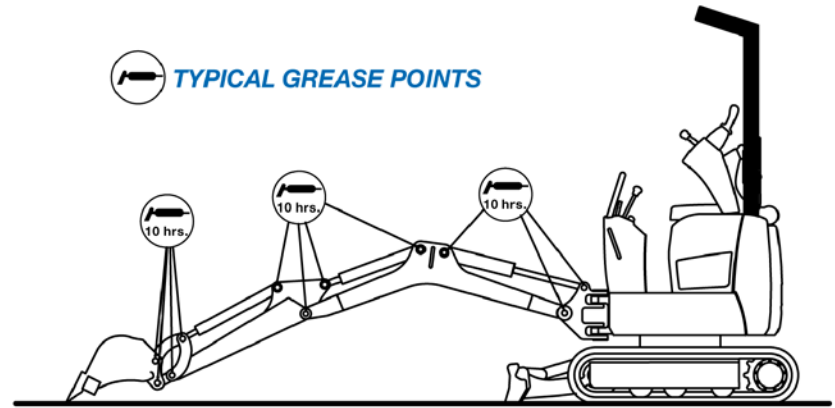
EVERY 500 HOURS

- Replace engine oil and filter. Clean radiator, oil cooler and *A/C condenser.
- ▲ Replace primary hydraulic filter.
- ▲ Check alternator and starter connections.
- Check and adjust engine valve clearance.

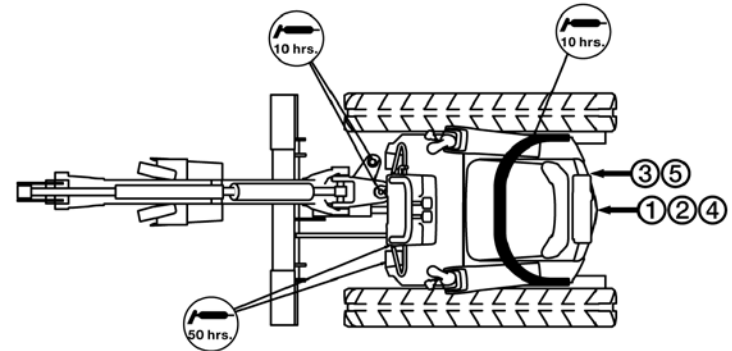
EVERY 1000 HOURS OR EVERY 1 YEAR

- ▲ Replace oil in both final drive cases.
- Drain and flush cooling system - Replace coolant.
- Replace hydraulic fluid and filter(s) - Clean reservoir.

TYPICAL GREASE POINTS



Machine shown in position to check hydraulic fluid levels.



FILTER CHART

		418
1.	PRIMARY AIR FILTER	6673752
2.	SECONDARY AIR FILTER	6673753
3.	ENGINE OIL FILTER	6671057
4.	FUEL FILTER	6667352
5.	PRIMARY HYDRAULIC FILTER	6653336

• See illustrations above for filter locations.



Use Genuine Bobcat® Replacement Parts

SEE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION AND INSTRUCTIONS.