

SERVICE SCHEDULE

Maintenance Intervals

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures.

The service schedule is a guide for correct maintenance of the Bobcat loader.

The maintenance items listed under the maintenance intervals on the following pages are the required tasks to be performed. Those items provide additional details and include maintenance that is not shown on the decal.

All maintenance intervals are for machines operating in general environmental conditions. Keep in mind that filter and oil life can be reduced:

- When machines are operating in high dust environments or extreme temperature applications,
- When fuel is taken from uncontrolled storage tanks,
- When other non-standard conditions exist.

Every 10 Hours (Before Starting The Loader)

- **Engine Oil** – Check level and add as needed. (See Page 150.)
- **Engine Air Filters and Air System** – Check display panel. Service only when required. Check for leaks and damaged components. (See Page 143.)
- **Engine Cooling System** – Clean debris from hydraulic fluid cooler and radiator assembly, air conditioning condenser (if equipped), and rear grille. Check coolant level COLD and add premixed coolant as needed. (See Page 152.) and (See Page 154.)
- **Fuel Filter** – Remove the trapped water. (See Page 147.)
- **Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 178.)
- **Seat Belt, Seat Belt Retractors, Seat Bar, Control Interlocks** – Check the condition of seat belt. Clean or replace seat belt retractors as needed. Check the seat bar and control interlocks for correct operation. Clean dirt and debris from moving parts. (See Page 128.) and (See Page 126.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 125.)
- **Front Horn** – Check for proper function. (See Page 49.)
- **Tyres** – Check for damaged tyres and correct air pressure. Inflate to MAXIMUM pressure shown on the sidewall of the tyre. (See Page 170.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 134.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 36.)
- **Wheel Nuts** – Perform every 10 hours or daily for the first 30 hours, then as scheduled. Check for loose wheel nuts and tighten to correct torque. (See Page 170.)
- **Safety Signs and Safety Treads** – Check for damaged signs (decals) and safety treads. Replace any signs or safety treads that are damaged or worn. (See Page 17.) and (See Page 89.)
- **Hydraulic Fluid** – Check fluid level and add as needed. (See Page 163.)
- **Heater and Air Conditioning Filters** (if equipped) – Clean or replace filters as needed. (See Page 140.)

For more details, contact your Bobcat dealer.



AVOID INJURY OR DEATH

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

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SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Every 50 Hours

- **Hydraulic Hoses and Tubelines** – Check for damage and leaks. Repair or replace as needed.
- **Final Drive Transmission (Chaincase)** – Check fluid level and add as needed. (See Page 171.)
- **Parking Brake, Foot Pedals and Steering Levers, or Joysticks** – Check for correct operation. Repair or adjust as needed.
- **Wheel Nuts** – Check for loose wheel nuts and tighten to correct torque. (See Page 170.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Check idler arm stop. Adjust or replace as needed. (See Page 174.)
- **Engine Oil and Filter** – Perform at first 50 hours, then as scheduled. Replace oil and filter. (See Page 150.)

Every 100 Hours

- **Spark Arrester Muffler** – Clean the spark chamber. (See Page 169.)
- **Battery** – Check cables and connections. (See Page 159.)

Every 250 Hours or Every 12 Months

- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Check idler arm stop. Adjust or replace as needed. (See Page 174.)
- **Fuel Filter** – Replace filter element. (See Page 147.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 150.)
- **Drive Belts (Alternator, air conditioning, water pump)** – Check condition. Replace as needed. (See Page 172.) and (See Page 173.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 125.)

Every 500 Hours or Every 12 Months

- **Hydraulic Charge Filter, Hydraulic Reservoir Breather Cap** – Replace the charge filter and the reservoir breather cap. (See Page 167.) and (See Page 168.)
- **Heater Coil and Air Conditioning Evaporator** (if equipped) - Clean the heater coil and air conditioning evaporator. Clean the plenum drains. (See Page 141.)

Every 1000 Hours or Every 12 Months

- **Hydraulic / Hydrostatic Filter** – Replace the hydraulic / hydrostatic filter. (See Page 166.)
- **Hydraulic Reservoir** – Replace the fluid. (See Page 164.)
- **Final Drive Transmission (Chaincase)** – Replace the fluid. (See Page 171.)
- **Engine Valves** – Adjust the engine valve clearance.

Every 1500 Hours or Every 24 Months

- **Coolant** – Replace the coolant. (See Page 155.)

NOTE: The Inspection Checkbook can be ordered for you by your local dealer. Part number 7296478.