

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.



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.

W-2003-0807

Every 10 Hours (Before Starting The Loader)

- **Engine Oil** – Check level and add as needed. (See Page 148.)
- **Engine Air Filters and Air System** – Check display panel. Service only when required. Check for leaks and damaged components. (See Page 141.)
- **Engine Cooling System** – Clean debris from hydraulic fluid cooler and radiator assembly, fuel cooler, air conditioning condenser (if equipped), rear grille, and screens on the rear door and engine cover. Check coolant level COLD and add premixed coolant as needed. (See Page 151.) and (See Page 154.)
- **Fuel Filter** – Check the display panel. Remove the trapped water when required. (See Page 145.)
- **Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges, Steering Cylinders** – Lubricate with multipurpose lithium based grease. (See Page 184.)
- **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 127.) and (See Page 128.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 126.)
- **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 174.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 133.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 37.)
- **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 174.)
- **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 19.) and (See Page 92.)
- **Hydraulic Fluid** – Check fluid level and add as needed. (See Page 167.)
- **Heater and Air Conditioning Filters** (if equipped) – Clean or replace filters as needed. (See Page 138.)

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 175.)
- **Parking Brake and Joysticks** – Check for correct operation. Repair or adjust as needed.
- **Wheel Nuts** – Check for loose wheel nuts and tighten to correct torque. (See Page 174.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Adjust or replace as needed. (See Page 179.)
- **Engine Oil and Filter** – Perform at first 50 hours, then as scheduled. Replace oil and filter. (See Page 149.)

Every 100 Hours

- **Battery** – Check cables and connections. (See Page 163.)
- **Engine Oil and Filter** – Perform every 100 hours when operating under severe conditions. Replace oil and filter. (See Page 149.)

Every 250 Hours or Every 12 Months

- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Adjust or replace as needed. (See Page 179.)
- **Drive Belts (Alternator, air conditioning, water pump)** – Check condition. Replace as needed. (See Page 176.) and (See Page 177.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 126.)
- **Steering King Pins** – Lubricate with multipurpose lithium based grease. (See Page 184.)

Every 500 Hours or Every 12 Months

- **Fuel Filter** – Replace filter element. (See Page 145.)
- **Hydraulic Charge Filter, Hydraulic Reservoir Breather Cap, Steering Valve Inline Filter** – Replace the charge filter, the reservoir breather cap, and the steering valve inline filter. (See Page 172.), (See Page 173.), and (See Page 171.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 149.)
- **Heater Coil and Air Conditioning Evaporator** (if equipped) - Clean the heater coil and air conditioning evaporator. Clean the plenum drains. (See Page 139.)

Every 1000 Hours or Every 12 Months

- **Hydraulic / Hydrostatic Filter** – Replace the hydraulic / hydrostatic filter. (See Page 170.)
- **Hydraulic Reservoir** – Replace the fluid. (See Page 168.)
- **Final Drive Transmission (Chaincase)** – Replace the fluid. (See Page 175.)
- **Wheel Bearing / Outer Splines** – Repack wheel bearings, grease internal splines in hub yoke.
- **Engine Valves** – Adjust the engine valve clearance.

Every 1500 Hours or Every 24 Months

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

Every 3000 Hours or Every 36 Months

- **Diesel Exhaust Fluid (DEF) / AdBlue® Filter** – Replace the diesel exhaust fluid (DEF) / AdBlue® filter.

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