

## 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 122.)
- **Engine Air Filters and Air System** – Check condition indicator. Service only when required. Check for leaks and damaged components. (See Page 115.)
- **Engine Cooling System** – Clean debris from radiator and grille. Check coolant level COLD and add premixed coolant as needed. (See Page 124.) and (See Page 125.)
- **Fuel Filter** – Remove the trapped water. (See Page 119.)
- **Lift Arms, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 142.)
- **Seat Belt, 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 103.) and (See Page 102.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 100.)
- **Tyres** – Check for damaged tyres and correct air pressure. Inflate to MAXIMUM pressure shown on the sidewall of the tyre. (See Page 138.)
- **Front Horn** – Check for proper function. (See Page 40.) or (See Page 41.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 109.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 35.)
- **Wheel Nuts** – Perform every 10 hours or daily for the first 50 hours, then as scheduled. Check for loose wheel nuts and tighten to correct torque. (See Page 138.)
- **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 69.)
- **Heater Filters** - Clean or replace filters as needed. (See Page 114.)

#### *First 50 Hours*

- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Replace as needed. (See Page 141.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 123.)
- **Hydraulic / Hydrostatic Filter** – Replace the hydraulic / hydrostatic filter. (See Page 134.)
- **Case Drain Filters** – Replace the hydraulic / hydrostatic filter. (See Page 135.)

## SERVICE SCHEDULE (CONT'D)

### Maintenance Intervals (Cont'd)

#### *Every 50 Hours*

- **Hydraulic Fluid** – Check fluid level and add as needed. (See Page 132.)
- **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 139.)
- **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 138.)

#### *Every 100 Hours*

- **Spark Arrester** – Empty spark chamber. (See Page 137.)
- **Battery** – Check cables and connections. (See Page 128.)
- **Engine Oil and Filter** – Perform every 100 hours when operating under severe conditions. Replace oil and filter. (See Page 123.)

#### *Every 250 Hours or Every 12 Months*

- **Steering Lever Pivot Bearings** – Lubricate with multipurpose lithium based grease. (See Page 143.)
- **Fuel Filters** – Replace filter elements. (See Page 119.)
- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Replace as needed. (See Page 141.)
- **Drive Belts (Alternator, water pump)** – Check condition. Adjust or replace as needed. (See Page 140.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 100.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 123.)

#### *First 500 Hours*

- **Engine Valves** – Adjust the engine valves.

#### *Every 500 Hours or Every 12 Months*

- **Hydraulic / Hydrostatic Filter, Hydraulic Charge Filter, and Hydraulic Reservoir Breather Cap** – Replace the hydraulic / hydrostatic filter, the hydraulic charge filter, and the reservoir breather cap. (See Page 134.) and (See Page 136.) and (See Page 136.)

#### *Every 1000 Hours or Every 12 Months*

- **Hydraulic Reservoir** – Replace the fluid. (See Page 133.)
- **Final Drive Transmission (Chaincase)** – Replace the fluid. (See Page 139.)
- **Case Drain Filters** – Replace the case drain filters. (See Page 135.)
- **Engine Valves** – Adjust the engine valves.

#### *Every 24 Months*

- **Coolant** – Replace the coolant. (See Page 126.)

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