

## 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 149.)
- **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, fuel cooler, air conditioning condenser (if equipped), and rear grille. Check coolant level COLD and add premixed coolant as needed. (See Page 152.) and (See Page 155.)
- **Fuel Filter** – Check the display panel. Remove the trapped water when required. (See Page 147.)
- **Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 181.)
- **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 129.)
- **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 / Back-up Alarm** – Check for proper function. (See Page 43.) and (See Page 133.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 135.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 32.)
- **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 22.) and (See Page 81.)
- **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.)

## 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.
- **Parking Brake, Foot Pedals, Hand Controls and Steering Levers, or Joysticks** – Check for correct operation. Repair or adjust as needed.
- **Track Drive Sprocket Nuts** – Check for loose sprocket nuts and tighten to correct torque. (See Page 175.)
- **Track Tension** – Check tension and adjust as needed. (See Page 170.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Adjust or replace as needed. (See Page 178.)
- **Engine Oil and Filter** – Perform at first 50 hours, then as scheduled. Replace oil and filter. (See Page 150.)

#### *Every 100 Hours*

- **Battery** – Check cables, connections, and electrolyte level; add distilled water as needed. (See Page 160.)
- **Engine Oil and Filter** – Perform every 100 hours when operating under severe conditions. Replace oil and filter. (See Page 150.)

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

- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Adjust or replace as needed. (See Page 178.)
- **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.)

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

- **Fuel Filter** – Replace filter element. (See Page 147.)
- **Hydraulic Charge Filter, Hydraulic Reservoir Breather Cap** – Replace the charge filter and the reservoir breather cap. (See Page 167.) and (See Page 169.)
- **Hydrostatic Motor Carrier** – Replace oil with high performance synthetic oil. (See Page 175.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 150.)
- **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.)
- **Engine Valves** – Adjust the engine valve clearance.

#### *Every 1200 Hours or Every 24 Months*

- **Coolant** – Replace the coolant. (See Page 156.)