

## 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 155.)
- **Engine Air Filters and Air System** – Check display panel. Service only when required. Check for leaks and damaged components. (See Page 147.)
- **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 158.) and (See Page 161.)
- **Fuel Filter** – Check the display panel. Remove the trapped water when required. (See Page 151.)
- **Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 189.)
- **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 130.) and (See Page 132.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 129.)
- **Front Horn** – Check for proper function. (See Page 50.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 138.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 38.)
- **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 96.)
- **Hydraulic Fluid** – Check fluid level and add as needed. (See Page 172.)
- **Heater and Air Conditioning Filters** (if equipped) – Clean or replace filters as needed. (See Page 144.)

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.**

**W-2003-0807**

## 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 182.)
- **Track Tension** – Check tension and adjust as needed. (See Page 179.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Adjust or replace as needed. (See Page 186.) It is critical for long belt life to check and adjust the idler stops at the first 50 hours, and after every new belt has been fitted.

#### *Every 100 Hours*

- **Battery** – Check cables and connections. (See Page 167.)

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

- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Adjust or replace as needed. (See Page 186.)
- **Drive Belts (Alternator, air conditioning, water pump)** – Check condition. Replace as needed. (See Page 183.) and (See Page 184.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 129.)

#### *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 176.) and (See Page 177.)
- **Hydrostatic Motor Carrier** – Replace fluid. (See Page 182.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 156.)
- **Heater Coil and Air Conditioning Evaporator** (if equipped) - Clean the heater coil and air conditioning evaporator. Clean the plenum drains. (See Page 145.)

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

- **Fuel Filter** – Replace main fuel filter element. (See Page 153.) If fuel pressure warning appears on display before this, the most likely cause is poor fuel quality and the filter will need to be replaced.
- **Hydraulic / Hydrostatic Filter** – Replace the hydraulic / hydrostatic filter. (See Page 175.)
- **Hydraulic Reservoir** – Replace the fluid. (See Page 173.)
- **Fuel Filter** – Replace fuel pre-filter. (See Page 152.)

#### *Every 1500 Hours or Every 24 Months*

- **Coolant** – Replace the coolant. (See Page 162.)

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