

## 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 92.)
- **Engine Air Filters and Air System** – Check condition indicator. Service only when required. Check for leaks and damaged components. (See Page 87.)
- **Engine Cooling System** – Clean debris from radiator. Check coolant level COLD and add premixed coolant as needed. (See Page 94.) and (See Page 95.)
- **Fuel Filter** – Remove the trapped water. (See Page 90.)
- **Lift Arms, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 111.)
- **Seat Belt, Seat Bar, Control Interlocks** – Check the condition of seat belt. Check the seat bar and control interlocks for correct operation. Clean dirt and debris from moving parts. (See Page 77.) and (See Page 76.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 73.)
- **Tyres** – Check for damaged tyres and correct air pressure. Inflate to MAXIMUM pressure shown on the sidewall of the tyre. (See Page 107.)
- **Front Horn** – Check for proper function. (See Page 33.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 83.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 30.)
- **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 107.)
- **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 16.) and (See Page 49.)

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 Fluid** – Check fluid level and add as needed. (See Page 103.)
- **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 108.)
- **Parking Brake, Foot Pedals, and Steering Levers** – Check for correct operation. Repair or adjust as needed.
- **Wheel Nuts** – Check for loose wheel nuts and tighten to correct torque. (See Page 107.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Replace as needed. (See Page 110.)
- **Engine Oil and Filter** – Perform at first 50 hours, then as scheduled. Replace oil and filter. (See Page 93.)
- **Hydraulic / Hydrostatic Filter** – Perform at first 50 hours, then when the transmission warning light comes ON while operating or as scheduled. Replace the hydraulic / hydrostatic filter. (See Page 105.)

#### *Every 100 Hours*

- **Spark Arrester** – Empty spark chamber. (See Page 106.)
- **Battery** – Check cables and connections. (See Page 99.)
- **Engine Oil and Filter** – Perform every 100 hours when operating under severe conditions. Replace oil and filter. (See Page 93.)

#### *Every 150 Hours or Every 12 Months*

- **Engine Oil and Filter** – Replace oil and filter. (See Page 93.)

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

- **Steering Lever Pivot Bearings** – Lubricate with multipurpose lithium based grease. (See Page 113.)
- **Fuel Filter** – Replace filter element. (See Page 90.)
- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Replace as needed. (See Page 110.)
- **Drive Belts (Alternator, water pump)** – Check condition. Adjust or replace as needed. (See Page 109.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 73.)

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

- **Hydraulic / Hydrostatic Filter, Hydraulic Reservoir Breather Cap** – Replace the hydraulic / hydrostatic filter and the reservoir breather cap. (See Page 105.) and (See Page 105.)

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

- **Hydraulic Reservoir** – Replace the fluid. (See Page 104.)
- **Final Drive Transmission (Chaincase)** – Replace the fluid. (See Page 108.)

#### *Every 24 Months*

- **Coolant** – Replace the coolant. (See Page 96.)