

## 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 154.)
- **Engine Air Filters and Air System** – Check display panel. Service only when required. Check for leaks and damaged components. (See Page 146.)
- **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 157.) and (See Page 160.)
- **Fuel Filter** – Check the display panel. Remove the trapped water when required. (See Page 150.)
- **Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 185.)
- **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 129.) and (See Page 131.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 128.)
- **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 177.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 137.)
- **Indicators and Lights** – Check for correct operation of all indicators and lights. (See Page 38.)
- **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 177.)
- **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 170.)
- **Heater and Air Conditioning Filters** (if equipped) – Clean or replace filters as needed. (See Page 143.)

For more details, contact your Bobcat dealer.



# WARNING

### 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 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 178.)
- **Parking Brake, Foot Pedals, Hand Controls 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 177.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Replace as needed. (See Page 181.)

#### *Every 100 Hours*

- **Battery** – Check cables and connections. (See Page 166.)
- **Engine Oil and Filter** – Perform every 100 hours when operating under severe conditions. Replace oil and filter. (See Page 155.)

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

- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Replace as needed. (See Page 181.)
- **Drive Belts (Alternator, air conditioning, water pump)** – Check condition. Replace as needed. (See Page 179.) and (See Page 180.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 128.)

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

- **Fuel Filter** – Replace main fuel filter element. (See Page 152.)
- **Hydraulic Charge Filter, Hydraulic Reservoir Breather Cap** – Replace the charge filter and the reservoir breather cap. (See Page 174.) and (See Page 175.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 155.)
- **Heater Coil and Air Conditioning Evaporator** (if equipped) - Clean the heater coil and air conditioning evaporator. Clean the plenum drains. (See Page 144.)

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

- **Hydraulic / Hydrostatic Filter** – Replace the hydraulic / hydrostatic filter. (See Page 173.)
- **Hydraulic Reservoir** – Replace the fluid. (See Page 171.)
- **Fuel Filter** – Replace fuel pre-filter. (See Page 151.)
- **Final Drive Transmission (Chaincase)** – Replace the fluid. (See Page 178.)

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

- **Coolant** – Replace the coolant. (See Page 161.)

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