

## 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.



# 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.

W-2003-0807

### *Every 10 Hours (Before Starting The Loader)*

- **Engine Oil** – Check level and add as needed. (See Page 148.)
- **Engine Air Filters and Air System** – Check display panel. Service only when required. Check for leaks and damaged components. (See Page 141.)
- **Engine Cooling System** – Clean debris from hydraulic fluid cooler and radiator assembly, air conditioning condenser (if equipped), and rear grille. Check coolant level COLD and add premixed coolant as needed. (See Page 151.) and (See Page 154.)
- **Fuel Filter** – Remove the trapped water. (See Page 145.)
- **Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges** – Lubricate with multipurpose lithium based grease. (See Page 186.)
- **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 125.) and (See Page 127.)
- **Bobcat Interlock Control Systems (BICS™)** – Check for correct function. Lift and Tilt functions MUST NOT operate with seat bar raised. (See Page 124.)
- **Front Horn** – Check for proper function. (See Page 51.)
- **Tyres** – Check for damaged tyres and correct air pressure. Inflate to MAXIMUM pressure shown on the sidewall of the tyre. (See Page 178.)
- **Operator Cab** – Check the fastening bolts, washers, and nuts. Check the condition of the cab. (See Page 133.)
- **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 178.)
- **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 91.)
- **Hydraulic Fluid** – Check fluid level and add as needed. (See Page 168.)
- **Heater and Air Conditioning Filters** (if equipped) – Clean or replace filters as needed. (See Page 138.)

## 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 179.)
- **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 178.)
- **Engine / Hydrostatic Drive Belt** – Perform at first 50 hours, then as scheduled. Check for wear or damage. Replace as needed. (See Page 183.)
- **Engine Oil and Filter** – Perform at first 50 hours, then as scheduled. Replace oil and filter. (See Page 149.)

#### *Every 100 Hours*

- **Spark Arrester** – Empty spark chamber. (See Page 177.)
- **Battery** – Check cables and connections. (See Page 160.)
- **Engine Oil and Filter** – Perform every 100 hours when operating under severe conditions. Replace oil and filter. (See Page 149.)

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

- **Fuel Filters** – Replace filter elements. (See Page 145.)
- **Engine / Hydrostatic Drive Belt** – Check for wear or damage. Replace as needed. (See Page 183.)
- **Drive Belts (Alternator, air conditioning, water pump)** – Check condition. Adjust or replace as needed. (See Page 180.) and (See Page 181.)
- **Bobcat Interlock Control System (BICS™)** – Check the function of the lift arm bypass control. (See Page 124.)
- **Engine Oil and Filter** – Replace oil and filter. (See Page 149.)

#### *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 173.) and (See Page 176.)
- **Heater Coil and Air Conditioning Evaporator** (if equipped) - Clean the heater coil and air conditioning evaporator. Clean the plenum drains. (See Page 139.)

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

- **Hydraulic / Hydrostatic Filter** – Replace the hydraulic / hydrostatic filter. (See Page 172.)
- **Hydraulic Reservoir** – Replace the fluid. (See Page 169.)
- **Final Drive Transmission (Chaincase)** – Replace the fluid. (See Page 179.)
- **Engine Valves** – Adjust the engine valve clearance.

#### *Every 24 Months*

- **Coolant** – Replace the coolant. (See Page 155.)

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