

## 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 excavator.



## 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 Excavator)*

- **Engine Oil** - Check level and add as needed. (See Page 127.)
- **Engine Air Filters and Air System** - Check display panel. Service only when required. Check for leaks and damaged components. (See Page 121.)
- **Engine Cooling System** - Check coolant level COLD and add premixed coolant as needed. (See Page 130.) and (See Page 131.)
- **Seat Belt, Seat Belt Retractors, Seat Belt Mounting hardware, Control Console Lockout** - Check the condition of seat belt and mounting hardware. Clean or replace seat belt retractors as needed. Check the control console lockout lever for proper operation. Clean dirt and debris from moving parts. (See Page 114.)
- **Motion Alarm and Horn** - Check for proper function (if equipped). (See Page 115.)
- **Operator Canopy / Cab** - Check the canopy / cab condition and mounting hardware. (See Page 43.)
- **Operator Cab and Heater Filters** - Clean filters. (See Page 119.)
- **Indicators and Lights** - Check for correct operation of all indicators and lights. (See Page 37.)
- **Safety Signs** - Check for damaged signs (decals). Replace any signs that are damaged. (See Page 22.)
- **Hydraulic Fluid** - Check fluid level and add as needed. (See Page 137.)
- **Track Tension** - Check tension and adjust as needed. (See Page 141.)
- **Pivot Points** - Grease all machinery pivot points. Grease clamp (if equipped). (See Page 148.)
- **Attachment Coupler** - Check for damage or loose parts (if equipped). (See Page 146.)
- **Fuel Filter** - Drain water and sediment. (See Page 125.)

#### *First 50 Hours*

- **Engine Oil and Filter** - Service at first 50 hours, then as scheduled. Replace oil and filter. (See Page 128.)
- **Alternator and Starter** - Service at first 50 hours, then as scheduled. Check connections.
- **Travel Motors (Final Drive)** - Service at first 50 hours, then as scheduled. Replace fluid. (See Page 143.)
- **Hydraulic Filter, Case Drain Filter and Hydraulic Reservoir Breather Cap** - Replace the hydraulic filter and case drain filter. (See Page 139.)

#### *Every 50 Hours*

- **Swing Bearing** - Grease swing bearing and swing pinion. Service every 10 hours when operating in water. (See Page 148.)
- **Battery** - Check cables, connections, and electrolyte level; add distilled water as needed. (See Page 132.)
- **Fuel Tank** - Drain water and sediment from fuel tank. (See Page 125.)

#### *Every 100 Hours*

- **Drive Belts (Alternator)** - Check condition. Replace as needed. (See Page 144.)

## SERVICE SCHEDULE (CONT'D)

### Maintenance Intervals (Cont'd)

*Every 250 Hours Or Every 12 Months*

- **Engine Oil and Filter** - Replace oil and filter. (See Page 128.)
- **Travel Motors (Final Drive)** - Check fluid level and add as needed. (See Page 143.)

*Every 500 Hours Or Every 12 Months*

- **Cooling System** - Clean debris from radiator, fuel cooler and hydraulic fluid cooler. (See Page 130.)
- **Hydraulic Filter, Case Drain Filter and Hydraulic Reservoir Breather Cap** - Replace the hydraulic filter, case drain filter and the reservoir breather cap. (See Page 139.)
- **Drive Belts (Alternator)** - Check condition. Replace as needed. Service at first 50 hours, then as scheduled. (See Page 144.)
- **Alternator and Starter** - Check connections.

*Every 1000 Hours Or Every 12 Months*

- **Swing Cylinder Base End** - Grease swing cylinder base end grease fitting. (See Page 151.)
- **Hydraulic Fluid and Filters** - Replace hydraulic fluid and filters. (See Page 140.)
- **Travel Motors (Final Drive)** - Replace fluid. (See Page 143.)
- **Engine Valves** - Adjust the engine valve clearance.

*Every 24 Months*

- **Coolant** - Replace the coolant. (See Page 131.)

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