

## 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.
- **Engine Air Filters and Air System** - Check display panel. Service only when required. Check for leaks and damaged components.
- **Engine Cooling System** - Check coolant level COLD and add premixed coolant as needed.
- **Hydraulic Fluid** - Check fluid level and add as needed.
- **Fuel Filter** - Drain water and sediment from filter.
- **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.
- **Motion Alarm** - Check for proper function.
- **Operator Canopy / Cab** - Check the canopy / cab condition and mounting hardware.
- **Operator Cab and HVAC Filters** - Clean filters as needed.
- **Indicators and Lights** - Check for correct operation of all indicators and lights.
- **Safety Signs** - Check for damaged signs (decals). Replace any signs that are damaged.
- **Track Tension** - Check tension and adjust as needed.
- **Pivot Points** - Grease all machinery pivot points. Grease clamp and angle blade (if equipped).
- **X-Change / Attachment Coupler** - Check for damage or loose parts (if equipped).

#### *First 50 Hours*

- **Engine Oil and Filter** - Service at first 50 hours, then as scheduled. Replace oil and filter. (See Page 151.)
- **Fuel Filter** - Service at first 50 hours, then as scheduled. Replace filter. (See Page 145.)
- **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 169.)
- **Drive Belts (Alternator) (Air Conditioning- If Equipped)** - Check condition. Replace as needed. Service at first 50 hours, then as scheduled.
- **Hydraulic Filter, Case Drain Filter and Hydraulic Reservoir Breather Cap** - Service at first 50 hours, then as scheduled. Replace the hydraulic filter, case drain filter and the reservoir breather cap.

#### *Every 50 Hours*

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

#### *Every 250 Hours Or Every 12 Months*

- **Travel Motors (Final Drive)** - Check fluid level and add as needed.

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## SERVICE SCHEDULE (CONT'D)

### Maintenance Intervals (Cont'd)

*Every 500 Hours Or Every 12 Months*

- **Engine Oil and Filter** - Replace oil and filter.
- **Fuel Filter** – Replace filter element.
- **Cooling System** - Clean debris from radiator, fuel cooler, hydraulic fluid cooler, air conditioning condenser (if equipped).
- **Hydraulic Filter, Case Drain Filter and Hydraulic Reservoir Breather Cap** - Replace the hydraulic filter, case drain filter and the reservoir breather cap.
- **Drive Belts (Alternator) (Air Conditioning - If Equipped)** - Check condition. Replace as needed.
- **Alternator and Starter** - Check connections.
- **HVAC** - Clean housing and coils.

*Every 1000 Hours Or Every 12 Months*

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

*Every 24 Months*

- **Coolant** - Replace the coolant.

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