

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 155.)
- **Engine Air Filters and Air System** - Check display panel. Service only when required. Check for leaks and damaged components. (See Page 149.)
- **Engine Cooling System** - Check coolant level COLD and add premixed coolant as needed. (See Page 158.) and (See Page 159.)
- **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 142.)
- **Motion Alarm** - Check for proper function. (See Page 143.)
- **Operator Canopy / Cab** - Check the canopy / cab condition and mounting hardware. (See Page 45.)
- **Operator Cab and HVAC Filters** - Clean filters. (See Page 147.)
- **Indicators and Lights** - Check for correct operation of all indicators and lights. (See Page 35.)
- **Safety Signs** - Check for damaged signs (decals). Replace any signs that are damaged. (See Page 24.)
- **Hydraulic Fluid** - Check fluid level and add as needed. (See Page 165.)
- **Track Tension** - Check tension and adjust as needed. (See Page 170.)
- **Pivot Points** - Grease all machinery pivot points. Grease clamp and angle blade (if equipped). (See Page 179.)
- **Attachment Coupler** - Check for damage or loose parts (if equipped). (See Page 177.)

First 50 Hours

- **Engine Oil and Filter** - Service at first 50 hours, then as scheduled. Replace oil and filter. (See Page 156.)
- **Fuel Filter** - Service at first 50 hours, then as scheduled. Replace filter. (See Page 153.)
- **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 173.)

Every 50 Hours

- **Swing Bearing** - Grease swing bearing and swing pinion. Service every 10 hours when operating in water. (See Page 179.)
- **Battery** - Check cables, connections, and electrolyte level; add distilled water as needed. (See Page 160.)
- **Fuel Tank** - Drain water and sediment from fuel tank and fuel filter. (See Page 153.)

Every 100 Hours

- **Spark Arrestor Muffler** - (If Equipped) - Clean spark chamber. (See Page 169.)

Every 250 Hours Or Every 12 Months

- **Fuel Filter** - Replace filter. (See Page 153.)
- **Travel Motors (Final Drive)** - Check fluid level and add as needed. (See Page 173.)

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Every 500 Hours Or Every 12 Months

- **Engine Oil and Filter** - Replace oil and filter. (See Page 156.)
- **Cooling System** - Clean debris from radiator, fuel cooler, hydraulic fluid cooler, air conditioning condenser (if equipped). (See Page 158.)
- **Hydraulic Filter, Pilot Filter and Hydraulic Reservoir Breather Cap** - Replace the hydraulic filter, pilot filter and the reservoir breather cap. (See Page 166.)
- **Drive Belts (Alternator) (Air Conditioning - If Equipped)** - Check condition. Replace as needed. Service at first 50 hours, then as scheduled. (See Page 174.) and (See Page 174.).
- **Alternator and Starter** - Check connections.
- **Engine Valves** - Adjust the engine valve clearance.
- **HVAC** - Clean housing and coils. (See Page 147.)

Every 1000 Hours Or Every 12 Months

- **Swing Cylinder Base End** - Grease swing cylinder base end grease fitting. (See Page 182.)
- **Hydraulic Fluid and Filters** - Replace hydraulic fluid and filters. (See Page 168.)
- **Travel Motors (Final Drive)** - Replace fluid. (See Page 173.)

Every 24 Months

- **Coolant** - Replace the coolant. (See Page 159.)

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