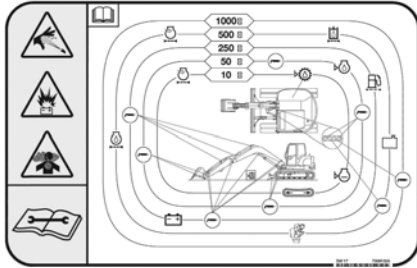


## SERVICE SCHEDULE

### 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.



See inside page of the back cover for symbols and identification.

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

- **Engine Oil** - Check level and add as needed.
- **Engine Air Filters and Air System** - Check the condition indicator. Service only when required. Check for leaks and damaged components.
- **Engine Cooling System** - Check coolant level COLD and add premixed coolant as needed.
- **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 and Horn** - Check for proper function.
- **Operator Cab** - Check the cab condition and mounting hardware.
- **Operator Cab and HVAC Filters** - Clean filters.
- **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.
- **Hydraulic Fluid** - Check fluid level and add as needed.
- **Fuel Filter** - Drain water and sediment from filter.
- **Swing Reduction Gearbox** - Check fluid level and add as needed.
- **Track Tension** - Check tension and adjust as needed.
- **Attachment Coupler** - Check for damage or loose parts (if equipped).

#### *First 50 Hours*

- **Engine Oil and Filter** - Replace oil and filter.
- **Alternator and Starter** - Check connections.
- **Fuel Filter** - Replace filter.

#### *Every 50 Hours*

- **Swing Bearing** - Grease swing bearing. Service every 10 hours when operating in water.
- **Blade, Boom Swing, Boom Swing Cylinder and Bucket Pivot Points** - Grease all machinery pivot points.

 **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 250 Hours Or Every 12 Months*

- **Battery** - Check cables, connections, and electrolyte level; add distilled water as needed.
- **Boom, Boom Cylinder, Arm, Arm Cylinder, Bucket Link, and Bucket Cylinder** - Grease pivot points. Grease clamp (if equipped).
- **Travel Motors (Final Drive)** - Check fluid level and add as needed.

*Every 500 Hours Or Every 12 Months*

- **Engine Oil and Filter** - Replace oil and filter.
- **Fuel Filter** - Replace filter.
- **Cooling System** - Clean debris from radiator, fuel cooler, hydraulic fluid cooler, air conditioning condenser (if equipped).
- **Hydraulic Filter, Pilot Filter and Hydraulic Reservoir Breather Cap** - Replace the hydraulic filter, pilot filter and the reservoir breather cap.
- **Engine Air Filters and Air System** - Check the display panel for service code. Service only when required. Check for leaks and damaged components.
- **Drive Belts - Alternator (Air Conditioning - If Equipped)** - Check condition. Replace as needed.
- **Swing Pinion** - Grease swing pinion.
- **HVAC** - Clean housing and coils. (If Equipped)

*Every 1000 Hours Or Every 12 Months*

- **Hydraulic Fluid and Filters** - Replace hydraulic fluid and filters.
- **Engine Valves** - Adjust the engine valve clearance.
- **Swing Reduction Gear** - Grease swing reduction gear.
- **Swing Reduction Gearbox** - Replace fluid.
- **Fuel Tank Breather** - Replace breather.
- **Travel Motors (Final Drive)** - Replace fluid.

*Every 24 Months*

- **Coolant** - Replace the coolant.