

## 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.



#### 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 Toolcat)*

- **Engine Oil** - Check level and add as needed. Do not overfill.
- **Engine Air Filters and Air System** - Check display panel. Service only when required. Check for leaks and damaged components. Do not use compressed air to clean air filters.
- **Engine Cooling System** - Check coolant level COLD and add premixed coolant as needed. Clean debris from oil cooler and radiator.
- **Hydraulic Fluid** - Check fluid level and add as needed.
- **Fuel Filter** - Check display panel. Drain water from filter when required.
- **Seat Belt and Toolcat™ Interlock Control System (TICS™) (operator's arm rest)** - Check the condition of seat belt and mounting hardware. Check for correct operation of the TICS™ (joystick should lock in neutral). Clean dirt and debris from moving parts.
- **Back-up Alarm** - Check for proper function.
- **Tires** – Check for damaged tires and correct air pressure. Inflate to MAXIMUM pressure shown on the sidewall of the tire.
- **General** – Check for loose or broken parts, damaged operator cab, instrument operation and loose wheel nuts. Repair or replace 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.
- **Hydraulic Fluid** - Check fluid level and add as needed.
- **Bob-Tach** - Lubricate wedge with multipurpose lithium based grease. Check for proper function.
- **Grease Points** - Grease all machinery pivot points.
- **Heater and Air Conditioning Filters** (if equipped) – Clean or replace filters as needed.

#### *Every 50 Hours*

- **Wheel Nuts** – Perform every 10 hours or daily for the first 24 hours, then as scheduled. Check for loose wheel nuts and tighten to correct torque.
- **Hydraulic Fluid, Hoses and Tubelines** - Check fluid level and add as needed. Check for damage and for leaks. Repair or replace as needed.

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## SERVICE SCHEDULE (CONT'D)

### Maintenance Intervals (Cont'd)

#### *Every 100 Hours*

- **Battery** - Check battery for damage, hold downs, cables, connections, and electrolyte level; add distilled water as needed.
- **Axle Fluid** - Check fluid level.

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

- **Engine / Hydrostatic Drive Belt** – Service at first 50 hours, then as scheduled. Check for wear or damage. Adjust stop or replace as needed.
- **Drive Belts (Alternator, air conditioning, water pump)** – Check condition. Replace as needed.

#### *Every 500 Hours Or Every 12 Months*

- **Engine Oil and Filter** - Service at first 50 hours, then as scheduled. Replace oil and filter.
- **Fuel Filter** – Replace filter element.
- **Hydraulic / Hydrostatic Filter and Hydraulic Reservoir Breather Cap** - Service at first 50 hours, then as scheduled. Replace the hydraulic filter and the reservoir breather cap.

#### *Every 1000 Hours Or Every 12 Months*

- **Hydraulic Fluid and Filters** - Service at first 100 hours, then as scheduled. Replace hydraulic fluid and filters.
- **Axle Fluid** - Replace at first 300 hours, then as scheduled. Replace fluid.
- **Engine Valves** - Adjust the engine valve clearance.

#### *Every 24 Months*

- **Coolant** - Replace the coolant.

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