

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 product.



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

Daily (Before Starting The Utility Vehicle)

- **Engine Oil** - Check level and add as needed. (NOTE: The engine oil should be checked cold or allow time for the oil to drain back into the pan before checking.) (See NOTE [2])
- **Brake Fluid** - Check level and add as needed. (See NOTE [2])
- **Fuel** - Check level and add as needed.
- **Engine Cooling System** - Check coolant level COLD and add premixed coolant as needed. Inspect oil cooler, radiator, air condition condenser (if equipped) and grilles for debris. (See Note [2])
- **Brake System and Pedal Travel** - Insure proper operation. (See NOTE [2])
- **Throttle Pedal** - Insure proper operation.
- **Tires** - Check for wear, damage and correct tire pressure. (See NOTE [2])
- **ROPS / OPS and Seat Belt** - Check the condition of the ROPS / OPS and mounting hardware. Check the condition of seat belts. Clean or replace seat belt retractors as needed.
- **Front and Rear Suspension and Steering** - Inspect for broken parts, loose hardware and free operation. (See NOTE [2])
- **Safety Signs (Decals)** - Check for damaged or missing signs (decals). Replace any signs that are damaged or missing.
- **Frame Fasteners** - Inspect and ensure tightness.
- **Head Lights, Tail Lights, Indicator Lights and Switches** - Check for proper operation and apply dielectric grease when a lamp is replaced.
- **Wheel Nuts** - Check for loose wheel nuts and tighten to correct torque. See TIRE MAINTENANCE in this Manual. (See NOTE [4])
- **Engine Air Filter and Air Box** - Inspect, clean air box and replace filter as needed. Check for leaks and damaged components. (See NOTE [2])
- **CVT** - Ensure proper operation. (See NOTE [2 and 3])
- **Heater Filter** (if equipped) - Clean and replace filter as needed during the heating and cooling season. (See NOTE [2])

First 50 Hours

- **Engine Oil and Filter** - Replace oil and filter. See SPECIFICATION section for proper oil requirements.

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SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Every 50 Hours

- **Fuel System** - Check fuel lines, fittings for leaks or abrasion. Replace components as necessary.
- **Fuel Filter / Water Separator** - Remove trapped water. With poor fuel quality may require draining daily.
- **Brake Pad / Parking Brake Pads** - Inspect pad wear. Replace if necessary. (See NOTE [2])
- **Parking Brake Cable Adjustment** - Inspect and adjust tension as necessary. (See NOTE [2])
- **Shift Linkage** - Inspect, lubricate and adjust.
- **Throttle Pedal** - Inspect for free movement. Ensure proper operation. Replace components as necessary.
- **Drive Belt** - Inspect, and replace as necessary.
- **Air Intake System** - Inspect all air intake lines for leaks and repair or replace components as necessary.
- **Air Filter / Air Box** - Inspect and clean. Repair filter as necessary, or yearly.
- **Drive Shaft** - Lubricate the grease fitting. (Or every 500 miles whichever comes first.) or (If the machine has been submerged in water, lubricate as soon as possible.)
- **Steering** - Inspect for loose components and torn boots. Replace parts as necessary. (See Note [1])
- **Front Differential Lubricant** - Check lubricant level; add as needed. (See NOTE [2])
- **Transmission Lubricant** - Check lubricant level; add as needed. (See NOTE [2])
- **Clutches (Drive and Driven)** - Inspect, clean and replace components as necessary.
- **Drive Shaft Yoke(s), and Sway Bar Bushings** - Locate the fitting(s). (See NOTE [2])

Every 100 Hours

- **Engine Oil and Filter** - For conventional engine oils, replace the engine oil and filter. (Change every 100 hours or every six months, whichever comes first.) (See NOTE [2])
- **Front Differential Lubricant** - Replace the fluid.
- **Transmission Lubricant** - Replace the fluid.
- **Fuel Filter / Water Separator** - Replace the filter.
- **Alternator / Fan / Water Pump Belt** - Check belt tension and adjust or replace as needed.
- **Radiator** - Inspect and clean external surfaces. (See NOTE [2])
- **Cooling Hoses** - Inspect for leaks and pressure test cooling system. (See NOTE [2])
- **Engine Mounts** - Inspect and torque to specifications. (See NOTE [2])
- **Muffler** - Inspect. Replace if necessary.
- **Wiring** - Inspect. Replace if necessary.
- **Muffler** - Inspect for wear, routing, securely fastened. Inspect connects that are subject to water, mud, etc. (See NOTE [2])
- **Front Wheel Bearings** - Inspect. Replace as needed.
- **Tires and Wheels** - Inspect tire tread. Rotate as needed.

Every 200 Hours

- **Engine Oil and Filter** - For synthetic oil, replace the engine oil and filter. (Change every 200 hours or every six months, whichever comes first.) (See NOTE [2])
- **Brake Fluid** - Replace the fluid. (Change every 200 hours or two years, whichever comes first.)

Every 250 Hours

- **Battery** - Check terminals, clean and test.
- **Suspension Bushings** - Inspect, replace if necessary.

Every 300 Hours

- **Spark Arrestor Muffler** - Empty the spark chamber.

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Every 400 Hours

- **Fuel Filter / Water Separator** - Replace the filter.

Every 500 Hours

- **Alternator / Fan / Water Pump Belt** - Replace the belt.

Every 800 Hours

- **Engine Valve Clearance** - Adjust valve clearance.

Every 1000 Hours

- **Injector Nozzles** - Check injector nozzle condition. Clean or replace as necessary.

Every 3000 Hours

- **Engine Timing** - Check engine timing and adjust as necessary.

Every 12 Months

- **Cooling System** - Test coolant strength and pressure test system.

Every 24 Months

- **Coolant** - Replace the coolant.

[1] Change yearly

[2] Perform these procedures more often for vehicles subject to severe use.

[3] Replace lines every two years.

[4] The wheel nuts must be checked and torqued after the first eight hours of operation of a new machine and after the first eight hours of operation when the wheel(s) have been removed for service.