

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures.

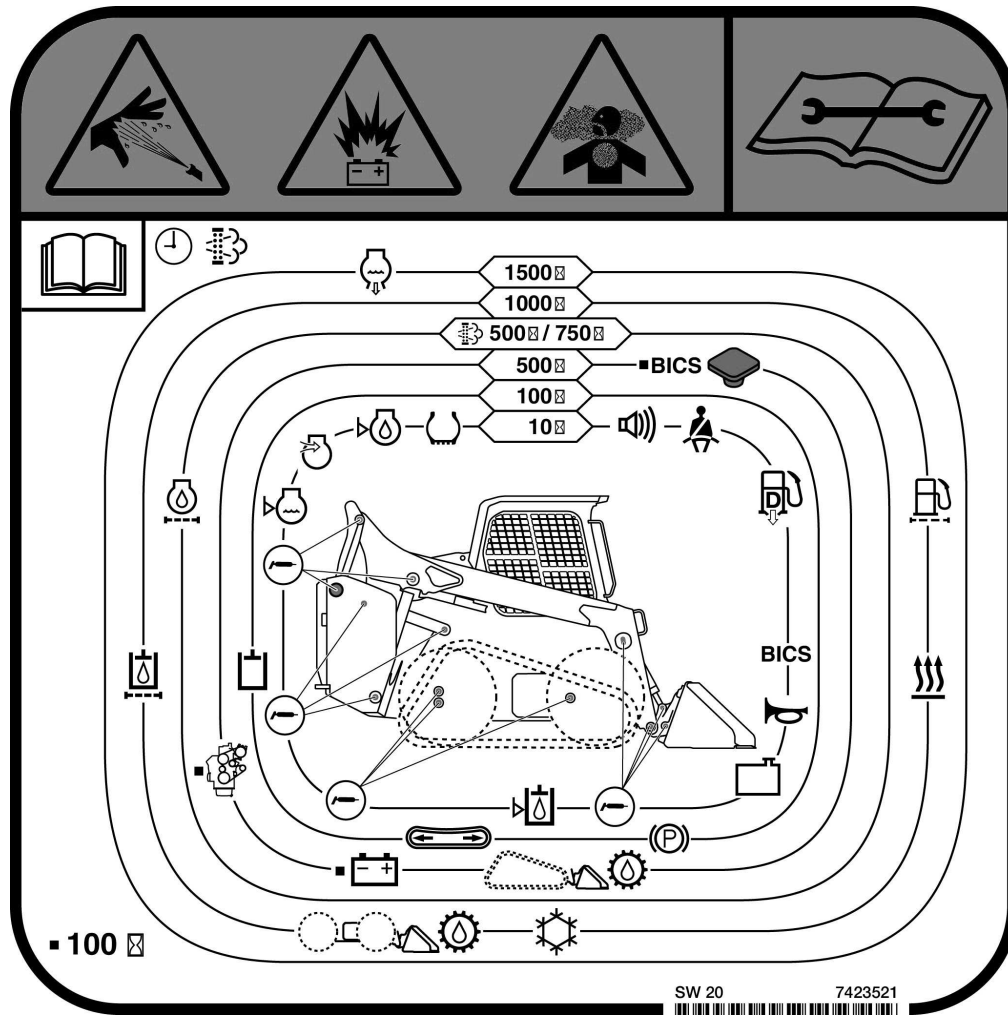
The service schedule decal is a guide for correct maintenance of the loader.

The maintenance items listed under the maintenance intervals on the following pages are the required tasks to be performed. Those items provide additional details and include maintenance that is not shown on the decal.

All maintenance intervals are for machines operating in general environmental conditions. Keep in mind that filter and oil life can be reduced:

- When machines are operating in high dust environments or extreme temperature applications,
- When fuel is taken from uncontrolled storage tanks,
- When other non-standard conditions exist.

For more details, contact your dealer.



**⚠ WARNING**

**INSUFFICIENT INSTRUCTIONS HAZARD**

Untrained operators or failure to follow instructions can cause serious injury or death.

- Read and understand the Operation & Maintenance Manual, Operator's Handbook and 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.







W-2003





Explanation of the service intervals:

- **10:** Every 10 hours or daily (before starting the machine).
- **100:** Every 100 hours.
- **500:** Every 500 hours or every 12 months, whichever comes first.
- **1000:** Every 1000 hours or every 12 months, whichever comes first.
- **1500:** Every 1500 hours or every 24 months, whichever comes first.
- **3000:** Every 3000 hours or every 36 months, whichever comes first.








The fluids, lubricants, and fuel described below are those used in the factory and apply to operating conditions in European temperate climate areas. Please see your dealer for requirements in other climate areas.






Read and understand the preventive maintenance required before adding or replacing any fluids or lubricants.

Service Schedule								
O	Check condition / proper operation. Adjust, drain contaminants, or replace as needed.					C	Clean.	
F	First time only.					R	Replace.	
V	Refill as needed.					G	Grease.	
Item	Service Required	Service Interval (hours)						
		10	100	500	1000	1500	3000	
Engine Oil		Check level and add as needed. • Engine Oil (Packaging: A = 5 L can, B = 25 L container, C = 209 L drum, D = 1000 L tank): ▷ SAE 15W-40 (-20°C – +40°C) (7395725) ▷ SAE 10W-30 (-25°C – +30°C) (7341377)	V					
Engine Air Intake Ducting		Check for loose connections and damaged components.	O					
Engine Cooling System		Clean debris from radiator cooling package, air conditioning condenser (if equipped), rear grilles, and engine compartment.	C					
Engine Coolant	 	Check coolant level COLD and add premixed coolant as needed.  Replace the coolant. • Coolant (Packaging: A = 5 L can, B = 20 L container, C = 210 L drum, D = 1000 L tank): ▷ Bobcat PG Coolant Premix (6987793)	V				R	
Fuel Filter		Remove the trapped water.	O					

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Lift Arms, Lift Links, Cylinders, Bob-Tach, Pivot Pins, Wedges, and Torsion Axle Spindles (if equipped)	 Lubricate with multipurpose lithium based grease. <ul style="list-style-type: none"> <li>Grease (Packaging: 400 g tube):                             <ul style="list-style-type: none"> <li>Bobcat Multipurpose Grease (Drop Point from 260°C) (6987888)</li> <li>Bobcat Supreme HD Grease (Drop Point from 280°C) (6987889)</li> </ul> </li> </ul>	G					
Seat Belt, Seat Belt Retractors, Seat Bar, Control Interlocks	 Check the condition of seat belt. Clean or replace seat belt retractors as needed. Check the seat bar and control interlocks for correct operation. Clean dirt and debris from moving parts.	O					
Interlock Control System (BICS)	<b>BICS</b> Check for correct function. Lift and tilt functions MUST NOT operate with seat bar raised.	O					
Front Horn, Back-up Alarm, Rear View Camera	 Check for proper function.	O					
Operator Cab	Check the fastening bolts, washers, and nuts. Check the condition of the cab.	O					
Indicators and Lights	Check for correct operation of all indicators and lights.	O					
Safety Signs and Safety Treads	Check for damaged signs (decals) and safety treads. Replace any signs or safety treads that are damaged or worn.	O					
Hydraulic Fluid	 Check fluid level and add as needed. <ul style="list-style-type: none"> <li>Hydraulic Fluid (Packaging: A = 5 L can, B = 20 L container, C = 210 L drum, D = 1000 L tank):                             <ul style="list-style-type: none"> <li>Bobcat Superior SH Hydraulic (-40°C – +32°C) (6987791)</li> <li>Bobcat VG68 Hydraulic (-12°C – +49°C) (7486193)</li> </ul> </li> </ul>	V					

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Heater and Air Conditioning Filters	<p>Clean or replace filters as needed.</p> <ul style="list-style-type: none"> <li>HVAC Air Filter:                             <ul style="list-style-type: none"> <li>Fresh Air (7313306)</li> <li>Recirculation (7310820)</li> </ul> </li> </ul>	OC					
Hydraulic Hoses and Tubelines	 <p>Check for damage and leaks. Repair or replace as needed.</p>		O				
Parking Brake and Joysticks	 <p>Check for correct operation. Repair or adjust as needed.</p>		O				
Track Drive Sprocket Bolts	<p>Check for loose sprocket bolts and tighten to correct torque.</p>		O				
Track Tension	 <p>Check tension and adjust as needed.</p>		O				
Accessory Drive Belt (Alternator, air conditioning, water pump)	 <p>Check condition. Replace as needed.</p> <ul style="list-style-type: none"> <li>Accessory Drive Belt (7374896)</li> </ul>		FO	O			
Interlock Control System (BICS)	 <p>Check the function of the lift arm bypass control.</p>		FO	O			
Battery	 <p>Check cables and connections.</p>		FO	O			
Engine Oil and Filter	 <p>Replace oil and filter element.</p> <ul style="list-style-type: none"> <li>Engine Oil (Packaging: A = 5 L can, B = 25 L container, C = 209 L drum, D = 1000 L tank):                             <ul style="list-style-type: none"> <li>SAE 15W-40 (-20°C – +40°C) (7395725)</li> <li>SAE 10W-30 (-25°C – +30°C) (7341377)</li> </ul> </li> <li>Engine Oil Filter (7386383)</li> </ul>			R			

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Hydrostatic Drive Motor Brake Cavity		Replace fluid. <ul style="list-style-type: none"> <li>• Drive Motor Gear Oil (7270875) Packaging: 517,5 mL (17.5 U.S. fl oz)</li> </ul>			R			
Hydraulic Filters		Replace the hydraulic main, case drain, and charge filters. <ul style="list-style-type: none"> <li>• Hydraulic Main Filter, Kit with O-rings (7414582)</li> <li>• Hydraulic Case Drain Filter (7334208)</li> <li>• Hydraulic Charge Filter (7319444)</li> </ul>				R		
Hydraulic Reservoir		Replace the fluid and reservoir vent filter. <ul style="list-style-type: none"> <li>• Hydraulic Fluid (Packaging: A = 5 L can, B = 20 L container, C = 210 L drum, D = 1000 L tank):                             <ul style="list-style-type: none"> <li>▷ Bobcat Superior SH Hydraulic (-40°C – +32°C) (6987791)</li> <li>▷ Bobcat VG68 Hydraulic (-12°C – +50°C) (7486193)</li> </ul> </li> <li>• Hydraulic Reservoir Vent Filter (7390732)</li> </ul>				R		
Heater Coil and Air Conditioning Evaporator		Clean the heater coil and air conditioning evaporator. Clean the plenum drain.				C		
Fuel System		Replace main fuel filter. If fuel pressure warning appears on display before this, the most likely cause is poor fuel quality and the filter will need to be replaced. Replace fuel pre-filter element and fuel tank vent filter. <ul style="list-style-type: none"> <li>• Main Fuel Filter (7336334)</li> <li>• Fuel Pre-Filter (7348032)</li> <li>• Fuel Tank Vent Filter (7340277)</li> </ul>				R		

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Engine Air Filters and Air System	Replace outer air filter element. Check for leaks and damaged components. Clean or replace as necessary.  Replace inner air filter element every second time the outer air filter element is replaced. <ul style="list-style-type: none"> <li>Outer Air Filter (7386225)</li> <li>Inner Air Filter (7386224)</li> </ul>				R		
Diesel Exhaust Fluid (DEF) / AdBlue® Filter	Replace the diesel exhaust fluid (DEF) / AdBlue® filter. <ul style="list-style-type: none"> <li>DEF Tank Filter (7433127)</li> </ul>						R