

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 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 Bobcat dealer.

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⚠ 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.






Explanation of the service intervals:













- **10:** Every 10 hours or daily (before starting the machine).
- **50:** Every 50 hours.
- **100:** Every 100 hours.
- **250:** Every 250 hours.
- **500:** Every 500 hours or every 12 months, whichever comes first.
- **1000:** Every 1000 hours or every 12 months, whichever comes first.
- **2000:** Every 2000 hours or every 24 months, whichever comes first.
- **3000:** Every 3000 hours or every 36 months, whichever comes first.




Service Schedule										
O	Check condition / proper operation. Adjust or replace as needed.			V	Refill as needed					
D	Check the display. Service only when required.			C	Clean					
W	Drain water			R	Replace					
F	First time only.			G	Grease					
Item		Service Required	Service Interval (hours)							
			10	50	100	250	500	1000	2000	3000
Tyres 		Condition and pressure. Use only approved tyres.	O							
Engine Oil 		<ul style="list-style-type: none">SAE 15W-40 (-20°C – +40°C)SAE 10W-30 (-25°C – +30°C)[A]	V				R			
Engine Oil Filter 		<ul style="list-style-type: none">Engine Oil Filter					R			
Exhaust system		Check exhaust system and exhaust aftertreatment components for leaks.	CO							

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<div>Cooling System</div> <div></div>		Oil, charge air coolers and air conditioning condenser (if equipped). Keep cooling system free from debris. Clean debris from radiator, air cooler, hydraulic fluid cooler, air conditioning condenser (if equipped), and grid.	VC-O							
		Coolant <ul style="list-style-type: none">Bobcat Advanced Coolant Ethylene Glycol, premixed [A]						R		
		Check coolant concentration (with a refractometer). Replace as needed.					V			
	<div></div>	Coolant level (check cold). <ul style="list-style-type: none">Bobcat Advanced Coolant Ethylene Glycol, premixed [A]	V							
<div>Heater Coil and Air Conditioning Evaporator</div> <div></div>		Contact your Bobcat dealer.						C		

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Grease Fittings	Tilt cylinder rod end. Grease (Packaging: 400 g tube): <ul style="list-style-type: none">Bobcat Multipurpose Grease (Anti-wear)[A]Bobcat Supreme HD Grease (Anti-wear / Extreme Pressure)	G							
	 Articulation pins, axle oscillation (front / rear), boom pivot, boom cylinder, self levelling (compensation) cylinder. Grease (Packaging: 400 g tube): <ul style="list-style-type: none">Bobcat Multipurpose Grease (Anti-wear)[A]Bobcat Supreme HD Grease (Anti-wear / Extreme Pressure)		G						
Telescopic Boom Wear Pads	 Grease (Packaging: 400 g tube): <ul style="list-style-type: none">Bobcat Multipurpose Grease (Anti-wear)[A]Bobcat Supreme HD Grease (Anti-wear / Extreme Pressure)		G			O			
Attachment Carrier Pins	Grease (Packaging: 400 g tube): <ul style="list-style-type: none">Bobcat Multipurpose Grease (Anti-wear)[A]Bobcat Supreme HD Grease (Anti-wear / Extreme Pressure)	G							
LLMC System	Test the LLMC calibration.			FO	O				

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<div>Engine Air System and Air Filters</div> <div></div>	Service when [AIR FILTER PLUGGED] is shown on display screen. Check for leaks and damaged components. Empty dust extractor. <ul style="list-style-type: none">Outer Air FilterInner Air Filter	DO				O			
	Replace the outer filter element. <ul style="list-style-type: none">Outer Air Filter						R		
	Replace the inner filter element. <ul style="list-style-type: none">Inner Air Filter							R	
<div>Fuel Filter</div> <div> </div>	<ul style="list-style-type: none">Main Fuel Filter	DW				DR			
	<ul style="list-style-type: none">Fuel Pre-FilterFuel Tank Breather						R		
<div>Back-up Alarm and Horn</div> <div></div>	Check for proper function.	O							
<div>Seat Belt</div> <div></div>	Check condition. Check the function of the seat belt sensor. Clean or replace seat belt retractors as needed. Clean dirt and debris from moving parts.	OC							

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Hydraulic / Hydrostatic Fluid and Filter 	• Hydraulic Filter (2)			FR		R			
	• Bobcat Superior SH Hydraulic (-35°C – +50°C)  	V					R		
	• Hydraulic Fill / Breather Cap 					R			
Hydraulic Hoses and Tubelines 	Contact your Bobcat dealer to replace any damaged hoses or tubelines.		O						
Parking Brake / Service Brake  	Check For Proper Function.	O							
Safety Signs, Treads And Mirrors  	Check for damaged signs (decals), safety treads and mirrors. Replace any signs, safety treads or mirrors that are damaged or worn.	O							
Articulated Steering Links	Rubber protection. Contact your Bobcat dealer if damaged.		O						
Wheel Nut Torque  		FO		O					
Alternator 	Belt.					O			R
Air-Conditioning (if equipped)	Belt.					O			R

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Axle Central Housing, Differential, and Planetary Carriers 		<ul style="list-style-type: none">ISO 100 / API GL-4 (-20°C / +40° C)[A]			FR	V		R [B]		
Cab Air Filters 		<ul style="list-style-type: none">Cab Air Filter (Outer)Cab Air Filter (Inner)		C			OC			
Battery 		Cables and electrical connections. <ul style="list-style-type: none">Battery					O			
Engine Mounts								O		
Fastenings, Hose Unions and Clips								O		
DEF / AdBlue Filter		Contact your Bobcat dealer.								R

[A] Factory Filled Fluids And Lubricants

[B] Half fluid change intervals must be applied in at least one of these use cases:

- more than 1000H/12 months
- cooperatives of multiple owners
- recycling application
- biogas application
- forestry application

Inspection Checkbook

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 Telescopic Handler.

The Inspection Checkbook contains the following information:

- Doosan Bobcat EMEA s.r.o. Warranty Policy
- Doosan Bobcat EMEA s.r.o. Extended Warranty Policy

The Inspection Checkbook has to be filled in by the Dealer for any maintenance and service work of your Bobcat machine. This book may be required anytime by an authorised dealer or by Bobcat Europe, should a breakdown occur on the Bobcat equipment. Your local dealer can order the Inspection Checkbook.