

SERVICE SCHEDULE

Maintenance Intervals

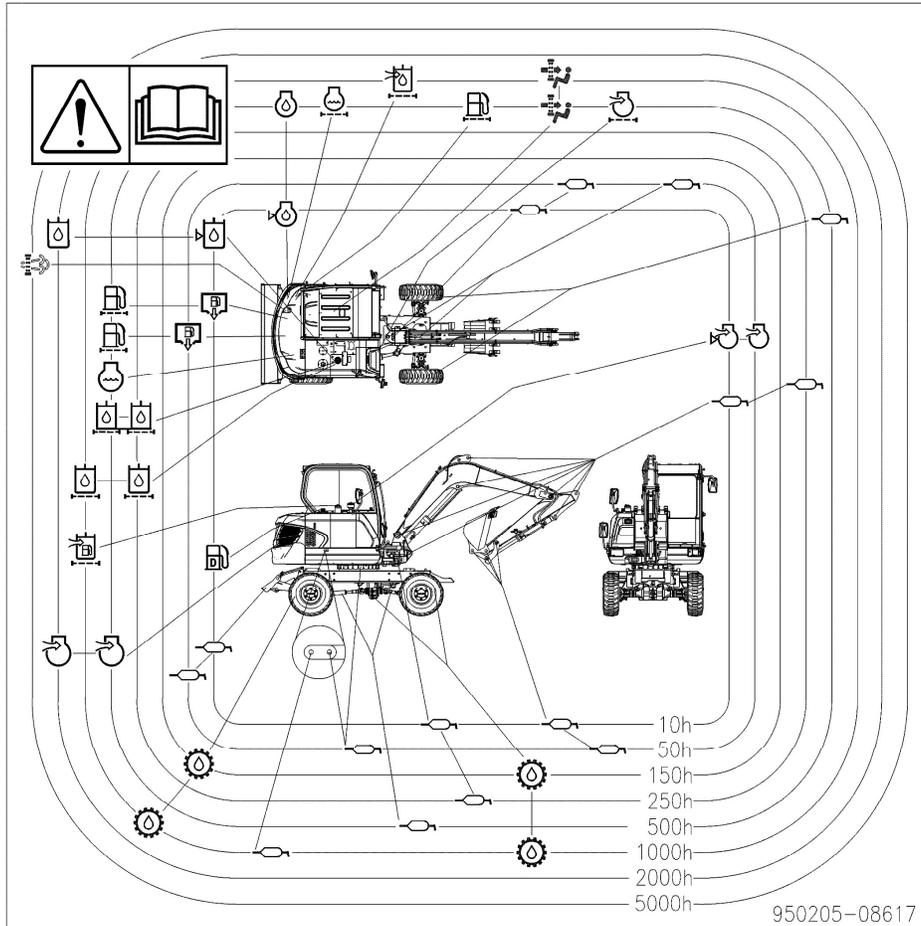
Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures.

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 dealer.



WARNING

AVOID INJURY OR DEATH

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual 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-EN-0614

WARNING

ELECTRICAL HAZARD

Unqualified intervention or contact with live electrical parts can cause serious injury or death.

Disconnect the battery before removing any covers. Do not charge the battery when performing any maintenance or service. Disconnect the charging cables.

W-3054-0819

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Explanation of the service intervals:

- 10: Every 10 hours or daily service.
- 50: Every 50 hours or weekly service.
- 150: Every 150 hours or 3 week service.
- 250: Every 250 hours or monthly service.
- 500: Every 500 hours or 3 month service.
- 1000: Every 1000 hours or 6 month service.
- 2000: Every 2000 hours or yearly service.
- 4000: Every 4000 hours or biennial service.
- 5000: Every 5000 hours or 2 years and 6 months service.
- 12000: Every 12000 hours or 6 year service.

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								
F100	Every 10 hours for first 100 hours.	W10	Every 10 hours if operating in water.								
ITEM	SERVICE REQUIRED	SERVICE INTERVAL (HOURS)									
		10	50	150	250	500	1000	2000	4000	5000	12000
All Tires for Correct Tire Pressure and Signs of Damage or Abnormal Wear	Inspect	O									
Boom, Arm and Front Attachment Pins	Lubricate	G									
Dozer Blade Pins	Lubricate	G									
Engine Oil Level	Check	V									
Hydraulic Oil Level	Check	V									
Fuel Level	Check	V									
Main Fuel Filter	Check	O									
Pre Fuel Filter and Water Separator	Check	O									
Dust Net	Clean	C									
Coolant Level	Check	V									
Window Washer Liquid	Check	V									
Bucket Teeth and Side Cutters	Inspect	O									
Cooling Fan	Inspect	O									
Air Intake System and Emission Control System	Check	O									
Seat Belt	Inspect	O									
Mirrors	Check	O									
Structure	Inspect	O									
All Switches and Travel Alarm (If Equipped)	Check	O									
Safety Lever	Check	O									
Exterior Lights, Horn, Control Console Indicator, Display Monitor	Check	O D									
Engine Condition	Check	O									
All Controls and Linkages	Check	O									
Pipes and Hoses	Check	O									

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

ITEM	SERVICE REQUIRED	SERVICE INTERVAL (HOURS)									
		10	50	150	250	500	1000	2000	4000	5000	12000
All Tires for Correct Tire Pressure and Signs of Damage or Abnormal Wear	Inspect	O									
Boom, Arm and Front Attachment Pins	Lubricate	G									
Dozer Blade Pins	Lubricate	G									
Engine Oil Level	Check	V									
Hydraulic Oil Level	Check	V									
Main Fuel Filter	Check	O									
Pre Fuel Filter and Water Separator	Check	O									
Dust Net	Clean	C									
Coolant Level	Check	V									
Window Washer Liquid	Check	V									
Bucket Teeth and Side Cutters	Inspect	O									
Cooling Fan	Inspect	O									
Air Intake System and Emission Control System	Check	O									
Seat Belt	Inspect	O									
Mirrors	Check	O									
Structure	Inspect	O									
All Switches and Travel Alarm (If Equipped)	Check	O									
Safety Lever	Check	O									
Exterior Lights, Horn, Control Console Indicator, Display Monitor	Check	OD									
Engine Condition	Check	O									
All Controls and Linkages	Check	O									
Pipes and Hoses	Check	O									
AVM (Around View Monitoring System) (If Equipped)	Check	O									
Brake System	Test	O									
Perform All Daily Service	Check		O								
Arm and Bucket Joint Pins	Lubricate	F100	G W10								
Dozer Blade Pin, Dozer Cylinder Pin	Lubricate	F100	G W10								
Front Axle Pin	Lubricate		G W10								
Swing Bearing	Lubricate		G W10								
Boom Swing Bracket	Lubricate	F100	G W10								
Fuel Tank Water and Sediment	Drain		W								
Pre Cleaner	Clean		C								

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

ITEM	SERVICE REQUIRED	SERVICE INTERVAL (HOURS)									
		10	50	150	250	500	1000	2000	4000	5000	12000
Engine Fan Belt	Check		O								
All Nuts and Bolts	Inspect		O								
Perform All 10 Hours/Daily and 50 Hour Service	Check			O							
Front/Rear Axle Case Oil	Change			FR							
Hub Reduction Gear Oil	Change			FR							
Transmission Fluid	Change			R							
Perform All Daily and 50 Hour Service	Check				O						
Boom and Arm Joint Pins	Lubricate	F100			G W10						
Boom Swing Cylinder Pin	Lubricate	F100			G W10						
Engine Fan and Alternator Belts	Check				O						
Hydraulic Oil Return Filter	Replace				FR						
Pin and Bushings of the Front End Attachment	Inspect				O						
Battery Fluid	Check				O						
Bolts and Nuts	Inspect				O						
Fuel System Hose Clamps	Inspect				O						
Perform All Daily, 50 and 250 Hour Service	Check					O					
Engine Oil and Filter	Replace					R					
Intercooler Core	Clean					C					
Air Conditioning Filter And Condenser Core	Clean					C					
Cooling System (Oil Cooler, Radiator etc.)	Clean					C					
Air Cleaner Outer Filter	Clean					C					
Main Fuel Filter	Replace					R					
Pre Fuel Filter and Water Separator	Replace					R					
Drive Shaft	Lubricate					G W10					
Front Axle Steering Knuckle	Lubricate					G W10					
Perform All Daily, 50, 250 and 500 Hour Service	Checks						O				
Pilot Filter	Replace				FR		R				
Swing Gear and pinion	Lubricate						G				
Hydraulic Oil Tank Breather Filter (regularly clean or replace when operating in dusty conditions)	Replace						R				
Hydraulic Oil Return Filter	Replace						R				
Hydraulic Oil Suction Filter	Clean						C				

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

ITEM	SERVICE REQUIRED	SERVICE INTERVAL (HOURS)										
		10	50	150	250	500	1000	2000	4000	5000	12000	
Transmission Fluid	Change						R					
Front Axle Case Oil	Change						R					
Rear Axle Case Oil	Change						R					
Hub Reduction Gear Oil	Change						R					
Air Conditioning Filter	Replace						R					
Fuel Cap Filter	Replace						R					
Engine**	Check and Adjust						O					
Perform All Daily, 50, 250, 500 and 1,000 Hour Service	Check							O				
Air Cleaner Outer and Inner Filter	Replace							R				
Coolant	Change							R				
Hydraulic Oil and Suction Filter	Replace							R				
Alternator and Starter**	Check							O				
Rubber Antivibration Shock Mounts	Check							O				
Perform and Record Results of Cycle Time	Tests							O				
Inspect Machine to Check for Cracked or Broken Welds or other Structural Damage	Inspect							O				
Adjust Valve Clearance**	Check							O				
Head Bolt Torques	Check							O				
Major Parts - Periodic Replacement	Replace								R			
DPF Soot Filter	Clean									C		
Hose In-service Lifetime Limit (European Standard ISO 8331 and EN982 (CEN))	Replace											R

NOTE: ** These checks need to be completed by an authorized Bobcat dealer.

NOTE: When using the breaker function, the hydraulic oil and filter need to be replaced faster. At 100% operating rate, change the hydraulic oil every 500 hours and the hydraulic oil return filter every 100 hours.

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 the correct maintenance of the Bobcat excavator.

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 be a breakdown occur on the Bobcat equipment.

Your dealer can order the Inspection Checkbook. Part Number: 7296478.