

BOG3 2979 HRS.

Skid Steer 1000 Hour Service Sheet

Accident Prevention

- Read and understand safety warning in the operation and maintenance manual
- Have you completed a Take 2?
- Have your job circumstances changed since completing your Take 2?

Initial Setup / Pre-Service Checks

- Machine has been cleaned prior to commencement of service
- Machine has been positioned on flat level ground
- All implements have been lowered
- Machine has been isolated and locked out

1000HR Lube Service

Sample Tasks (Pass / Fail / NA)

- Sample: Engine oil
- Sample: Hydraulic oil
- Sample: LH Final Drive oil
- Sample: RH Final Drive oil
- Sample: Transmission oil (if applicable) ☑ Coolant .

Change Tasks (Pass / Fail / NA)

- Change engine oil
- Replace engine oil filter
- Replace fuel filter
- Replace fuel system filter/water separator element
- Replace cab air filters
- Replace engine air filter primary element
- Replace engine air filter secondary element
- Replace LH Final Drive oil

- Operation of hydraulic controls and steering
- Service and park brake operation
- Frame and attachments – cracks or damage
- Fuel and hydraulic system – leaks or damaged lines
- Cooling system hoses and clamps – inspect
- Induction system and engine mounts – inspect
- Exhaust system – leaks or loose bolts
- Radiator – check for debris
- Check all grease points are receiving grease
- Park brake interlock operation
- Safety equipment: seatbelt, horns, mirrors, wipers, lights
- Doors, windows, gauges, fire extinguisher
- Emergency stop and shutdown system
- Hydraulic tank breather – inspect/replace
- Operator controls – inspect for wear/damage

Safety Checklist (Pass / Fail / NA)

- Horn – Check operation
- Reverse Alarm – Check operation
- Lights – Headlights, Indicators, Brake lights – Check operation
- Emergency Stop – Test operation
- Seat Belt – Inspect and test operation
- Fire Extinguisher – Present, accessible, and fully charged
- Mirrors – Clean and properly adjusted
- ROPS (Roll-Over Protective Structure) – Inspect for cracks or damage
- Steps and Grab Rails – Secure and undamaged
- Operator Controls – Test for correct function
- Safety Decals – Present and legible
- Emergency Exit – Accessible and functional

Accident Prevention
 Read and understand safety warning in the operation and maintenance manual
 Have you completed a take 2?
 Have your job circumstances change since completing your take 2?

BO63 Bobcat 500 Hour Service Sheet

Date:	13/5/2025	Name:	Dennis Gowers
Plant ID:	BO63	Service Type:	500 Hour
<input checked="" type="checkbox"/>	Machine has been cleaned prior to commencement of service	Machine Hours:	2475
<input checked="" type="checkbox"/>	Machine has been positioned on flat level ground		
<input checked="" type="checkbox"/>	All implements have been lowered		
<input checked="" type="checkbox"/>	Machine has been isolated and locked out		

Compartment	Oil Type
Engine	15W-40
Transmission	30W
Hydraulics	10W
Radiator	Cat Extended Life Coolant
Final Drive P1	60W
Final Drive P2	60W
Equaliser	85W-140
Recoil	60W

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500 HR LUBE SERVICE

SAMPLE:		INITIAL
Engine		dg
Transmission		dg
Hydraulic		dg
Final drive LH		X
Final drive RH		X

CHANGE:

Final drive oil LH		dg
Final drive oil RH		dg
Engine oil		dg
Engine oil filters		dg
Transmission oil		dg
Transmission filter		na
Fuel secondary filter		na
Hydraulic filter		dg
Cab air conditioner / heater filters		dg

CLEAN:

Batteries and terminals		dg
Cab fresh air filter		dg
Engine air filter primary element		dg
Engine air pre cleaner		dg
Engine breathers		dg
Transmission & torque converter breather		na
Fuel cap, filter & strainer		dg
Condenser		dg
Remove & clean belly guard		dg

off cab.

CHECK:

Engine oil level		dg
Hydraulic system oil level		dg
Transmission oil levels		na
Final drive oil level		dg
Pivot shaft oil level		na
Recoil spring compartment oil		na
Equaliser bar end pin oil level		na
Equaliser bar end pin seals		na

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	Equaliser bar pads				Wkr
	Coolant level				OK
	Engine air filter secondary element				OK
	Drain fuel system water separator				OK
	Drain fuel tank water & sediment				OK
	Radiator				OK
	Battery cable				OK
	Battery electrolyte level				OK
	Fuses				OK
	Undercarriage				OK
GREASE:					
	Fan bearings				N/A
	Belt tensioner bearings				N/A
	Equaliser bar centre pin				N/A
	Universal joints				N/A
	Fill auto grease system				N/A

500HR MECHANICAL SERVICE
KEY:

1. Defect found and repaired
2. Defect found and recorded, machine still OK
3. OK
4. Not applicable

CHECK:	1	2	3	4
Condition and tension of fan, alternator & AC belts			✓	
Universal joints for wear				✓
Air conditioner – condition and operation			✓	
Operation of hydraulic controls			✓	
Steering operation			✓	
Service brake operation			✓	
Park brake operation			✓	
Frame and attachments for cracks			✓	
Fuel system for loose bolts and fittings			✓	
Fuel line supply support clamps			✓	
Hydraulic system for damaged lines and loose fittings			✓	

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 Prepared By: Troy Storach
 Rev. No: 2

 Date: 31/08/2020
 Date Implemented: 31/08/2020

Approved By: Troy Storach

Date: 31/08/2020

CHECK:	1	2	3	4
All hoses for general condition and chaffing			✓	
Cooling system hoses for condition and clamps for tightness			✓	
Induction system for leaks and clamps for tightness			✓	
Engine mounts			✓	
Exhaust system for leaks, clamps and bolts for tightness			✓	
Radiator for debris (wash if necessary)			✓	
All points are receiving grease			✓	
Operation of park brake interlock			✓	
Fan hub and jockey pullet bearings for excessive movement				✓
Seat belt – retainers and operation			✓	
Horns – air/electric			✓	
Wipers			✓	
Mirrors			✓	
Seats – suspension adjustment/condition			✓	
Doors			✓	
Windows			✓	
Gauges			✓	
Grab rails			✓	
Fire extinguishers – invert and shake to loosen powder			✓	
Fire suppression bottle charge				✓
Lights			✓	
Reverse alarm			✓	
Cab condition			✓	
Audible alarm and warning lights			✓	
Operation of emergency stop			✓	
Engine shut down system			✓	
Steps			✓	
Nose cone pin & bush movement				✓
Equaliser bar pin movement				✓
Accumulation of fuel, oil, grease etc. that may cause fire hazard			✓	
Fuel leaks			✓	

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Prepared By: Troy Storach Date: 31/08/2020 Approved By: Troy Storach Date: 31/08/2020
 Rev. No: 2 Date Implemented: 31/08/2020



CHECK:

KEY:

- 1. Defect found and repaired
- 2. Defect found and recorded, machine still OK
- 3. OK
- 4. Not applicable

GET CONDITION	Initial Appropriate Column			
	1	2	3	4
Ripper Shank Protectors				✓
Ripper Tips				✓
Blade Cutting Edges			✓	
Blade Corner tips LH				✓
Blade Corner Tips RH				✓
EQUALISER BAR & END PINS	1	2	3	4
Clean seals & inspect for damage or deterioration				✓
Check seal neutral position				✓
Check pin movement as per workshop manual				✓
Check equaliser bar centre pin for movement				✓
Check equaliser bar pads for deterioration, damage & cracks to rubber				✓

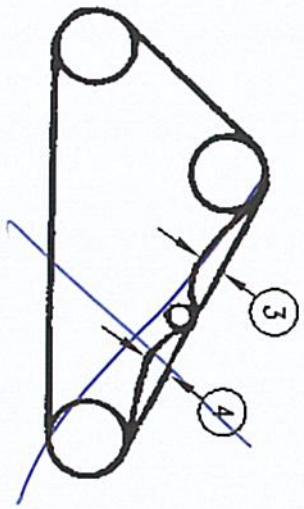
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Prepared By: Troy Storch Date: 31/08/2020 Approved By: Troy Storch Date: 31/08/2020
Rev. No: 2 Date Implemented: 31/08/2020

CHECK/ADJUST

	Initial Appropriate Column			
	1	2	3	4

Position machine by allowing a coast to stop
 Note: If packing conditions are present in operational environment, adjust tracks in packed state.
 Adjustment Limits Single carry roller 75±10mm sag at each location. The sum of dimension 3 & 4 must be 155mm--10mm
 (Position 3 & 4)



Note: If tracks require adjustment refer to work shop Manual for safety Instructions
 LHS Adjustment _____mm RHS Adjustment _____mm

Track Adjustment			✓	
Condition of Track Rollers			✓	
Track Pins & Bushes			✓	
Track Roller Bolts – loose or missing			✓	
Track Frame condition Cannon chrome				✓
Canon - leaks				✓
Grouser bolts - tight visual check				✓
Sprocket segment bolts				✓
Carrier Roller & Bolts			✓	
Idler bolts – missing or loose			✓	
Idler Condition LHF		Idler Condition RHF	✓	
Idler Condition LHR		Idler Condition RHR	✓	
Front Idler Position			✓	

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Date	Work Description	Plant No	Work Type
26/04/23	Weld up lome lever	BO63	Fitter
27/04/23	Chk AC,	BO63	Fitter
04/05/23	Check RHS wheel motor sensor fault all ok	BO63	Fitter
10/05/23	Adj chain digg OK	BO63	Fitter
31/05/23	bolt keepers on track frame	BO63	Fitter
06/06/23	Adj chain, inspect trench digger	BO63	Fitter
15/06/23	Adjust chain digger	BO63	MF - Maintenance Fitter
21/06/23	Rplc chainsrockets, rplc belts pulley	BO63	Fitter
21/06/23	250HR service, redj tracks	BO63	Fitter
22/06/23	Rplc front bearing in chain digger	BO63	Fitter
27/06/23	Unseize quickhitch lock	BO63	Fitter
11/07/23	Adj chaidigger unblock grease nipples	BO63	Fitter
24/07/23	Rmv seized bucket tilt pin, rplc bush, reinstall n	BO63	Fitter
11/09/23	clean lube q/hitch lock pins	BO63	Fitter
12/09/23	Tvl SEJV, diag hyd/leak, recover t/tray, rmv guard	BO63	Fitter
14/09/23	S/Steer rep rpl hoses	BO63	Fitter
15/09/23	Rplc Hyd/hoses, rpr wiring, sec hyd lines, p/weld,	BO63	Fitter
19/09/23	Rmv door, start bolt o/window, fit h/locks, refit	BO63	Fitter
20/09/23	Rprs, finish door, window, fit guards, cab	BO63	Fitter
18/10/23	Service & drop off to Rodgers Street & Back to Yar	BO63	Fitter
27/11/23	Replace Chaidigger on BO63	BO63	Fitter
27/11/23	500hr Service	BO63	Fitter
08/12/23	Diagnose BO63, Delrte all Fault Codes	BO63	Fitter
14/12/23	Replace Flash Light & UHF Wiring, Repair Terminal	BO63	Fitter
29/01/24	Service Bobcat	BO63	MF - Maintenance Fitter
29/01/24	Service	BO63	MF - Maintenance Fitter
06/02/24	Check out Bobcat, lift linkage position sensor u/s	BO63	MF - Maintenance Fitter
09/02/24	Diagnose sensor issue	BO63	MF - Maintenance Fitter
19/02/24	Remove track sprocket, final drive	BO63	MF - Maintenance Fitter
19/02/24	Wash skid steer	BO63	MF - Maintenance Fitter
22/02/24	Repairs (calibrate)	BO63	MF - Maintenance Fitter
28/02/24	MF	BO63	MF - Maintenance Fitter
06/03/24	Fit travel motor to bobcat	BO63	MF - Maintenance Fitter
06/03/24	Refit final drive	BO63	MF - Maintenance Fitter
07/03/24	Bobcat repairs install final drive asse4mbly	BO63	MF - Maintenance Fitter
07/03/24	Final drive	BO63	MF - Maintenance Fitter
19/03/24	C/O wipes blade	BO63	MF - Maintenance Fitter
19/03/24	unload, pack up	BO63	MF - Maintenance Fitter
26/03/24	2000hr service	BO63	MF - Maintenance Fitter
09/04/24	LH final drive	BO63	MF - Maintenance Fitter
13/04/24	Travel to SEJV	BO63	MF - Maintenance Fitter
13/04/24	A/C fault leaking condenser hose	BO63	MF - Maintenance Fitter
13/04/24	Travel to pick up parts	BO63	MF - Maintenance Fitter
13/04/24	Fit AC hose and gas	BO63	MF - Maintenance Fitter
13/04/24	travel from SEJV	BO63	MF - Maintenance Fitter
09/05/24	250 hr service & replace fanbelt, remove broken en	BO63	MF - Maintenance Fitter
10/05/24	replace engine mounts	BO63	MF - Maintenance Fitter
16/05/24	unblock grease nipple/attachment	BO63	MF - Maintenance Fitter
24/06/24	Checkover for work	BO63	MF - Maintenance Fitter
24/06/24	Checkover for work	BO63	MF - Maintenance Fitter
26/06/24	Remove GET and checkover	BO63	MF - Maintenance Fitter
27/06/24	prepare for work	BO63	MF - Maintenance Fitter
28/06/24	Bobcate repairs	BO63	MF - Maintenance Fitter
01/07/24	Bobcat repairs, wash machine and under belly guard	BO63	MF - Maintenance Fitter
02/07/24	fit guards on skidsteer	BO63	MF - Maintenance Fitter
04/07/24	fit new furl hoses, valves, chocke valves	BO63	MF - Maintenance Fitter
22/11/24	Troubleshoot rough enegine start	BO63	MF - Maintenance Fitter
22/11/24	Diagnose engine stalling	BO63	MF - Maintenance Fitter
22/11/24	diagnose stalling engine	BO63	MF - Maintenance Fitter
04/12/24	Troubleshoot fuel system, found failed fuel electr	BO63	MF - Maintenance Fitter
11/12/24	change out fuel primer assembly	BO63	MF - Maintenance Fitter
17/12/24	Change out battery, run up and test operation	BO63	MF - Maintenance Fitter
10/04/25	wash skid steer	BO63	MF - Maintenance Fitter
11/04/25	prep for transport to balranald	BO63	MF - Maintenance Fitter
14/04/25	UHF fault, water on fuel fault code, quick hitch f	BO63	MF - Maintenance Fitter
15/04/25	pulled apart trench digger front roller	BO63	MF - Maintenance Fitter
09/05/25	500 Hour service	BO63	MF - Maintenance Fitter
09/05/25	fitted new joystick / 250 hour service	BO63	MF - Maintenance Fitter
14/05/25	Quick hitch fault	BO63	MF - Maintenance Fitter
14/05/25	Oil Leak	BO63	MF - Maintenance Fitter
15/05/25	C/O bearing on chain digger	BO63	MF - Maintenance Fitter
19/05/25	Replace roller on chain digger	BO63	MF - Maintenance Fitter

27/05/25	Hydraulic leak	BO63	MF - Maintenance Fitter
04/06/25	adjust tracks	BO63	MF - Maintenance Fitter
05/06/25	put LHS track back onto skidsteer	BO63	MF - Maintenance Fitter
19/06/25	Replace tracks	BO63	MF - Maintenance Fitter
19/06/25	Replace tracks, operate machine to readjust tracks	BO63	MF - Maintenance Fitter
19/06/25	Tracks C/O	BO63	MF - Maintenance Fitter
19/06/25	Tracks C/O	BO63	MF - Maintenance Fitter
24/07/25	Replace tilt fitting orings	BO63	MF - Maintenance Fitter
02/09/25	hydraulic leak	BO63	MF - Maintenance Fitter
09/09/25	250 hour service	BO63	MF - Maintenance Fitter
19/09/25	replace water pump	BO63	MF - Maintenance Fitter
23/09/25	Unseize bucket pins & replace spring	BO63	MF - Maintenance Fitter
25/09/25	repair / grind up loom leveller	BO63	MF - Maintenance Fitter
13/10/25	chain digger repairs	BO63	MF - Maintenance Fitter
14/10/25	hitch jammed	BO63	MF - Maintenance Fitter
15/10/25	hoses	BO63	MF - Maintenance Fitter
22/10/25	belt adjusting	BO63	MF - Maintenance Fitter
17/11/25	remove broken fitting out of bucket	BO63	MF - Maintenance Fitter
24/11/25	replace couplers and fittings	BO63	MF - Maintenance Fitter
01/12/25	low power	BO63	MF - Maintenance Fitter
01/12/25	chain digger	BO63	MF - Maintenance Fitter
08/12/25	1000 hour service	BO63	MF - Maintenance Fitter
08/12/25	Help with service	BO63	MF - Maintenance Fitter
08/12/25	1000 Hour Service	BO63	MF - Maintenance Fitter
	BO63 - 500 hour fuel filter C/O coming up on dash		
	BO63 - Change out Door Seal		
	BO63 - Fire extinguisher missing / bracket damaged		
	BO63 - Hydraulic attachment fitting leak		
	BO63 - Handrail Bent (damaged)		
	Bo63 - MACHINE NEEDS DASH CAMERA		
	BO63 CAT 259D Compact Track Loader - Service Schedule Step 250 (170)		
	BO63 Bucket hoses damaged		
	BO63 - hand rail damaged		
	BO63 - Reverse camera not coming up on the screen		
	BO63 CAT 259D Compact Track Loader - Service Schedule Step 500 (383)		
	BO63 - 500 hour oil change due		
	BO63 - AC Not working		
	BO63 - right hand track has a big split		
	BO63 - The hitch keeps jamming up every time you need to changes attachments you need workshop to get it to move		
	BO63 - Battery has dropped a cell		
	BO63 - SAFETY LATCH BROKEN LIFT CYLINDER.		
	BO63 - Unable to lower bucket		
	BO63 - Auxiliary voltage too high fault code 490-3		



Plant: BO63 CAT 259D Compact Track Loader

Zone: Zone All

Status: Submitted

Form Template: Skid Steers - 500 Hour Service (NEW)

Date Created: Wednesday, 18 February 2026, 2:24:48 PM (GMT+11:00)

Skid Steers - 500 Hour Service (NEW) - 2

Skid Steer 500 Hour Service Sheet

Accident Prevention

Read and understand safety warning in the operation and maintenance manual	Yes
Have you completed a Take 2?	Yes
Have your job circumstances changed since completing your Take 2?	Yes

Initial Setup / Pre-Service Checks

Machine has been cleaned prior to commencement of service	Yes
Machine has been positioned on flat level ground	Yes
All implements have been lowered	Yes
Machine has been isolated and locked out	Yes

500HR Lube Service

Sample Tasks

Sample: Engine oil	Pass
Sample: LH Final Drive oil	Pass



Plant: BO63 CAT 259D Compact Track Loader

Zone: Zone All

Status: Submitted

Form Template: Skid Steers - 500 Hour Service (NEW)

Date Created: Wednesday, 18 February 2026, 2:24:48 PM (GMT+11:00)

Sample: RH Final Drive oil	Pass
Sample: Hydraulic oil	Pass
Sample: Transmission oil (if applicable)	N/A

Change Tasks

Change engine oil	Pass
Replace engine oil filter	Pass
Replace fuel filter	Pass
Replace fuel system filter/water separator element	Pass
Replace cab air filters	Pass
Replace engine air filter primary element	Pass
Replace LH Final Drive oil	Pass
Replace RH Final Drive oil	Pass
Replace hydraulic oil filter	Pass
Replace transmission oil and filter (if applicable)	N/A

Clean Tasks

Clean batteries and terminals	Pass
Clean engine breathers	Pass
Clean fuel cap, filter and strainer	Pass
Clean condenser and radiator	Pass



Plant: BO63 CAT 259D Compact Track Loader

Zone: Zone All

Status: Submitted

Form Template: Skid Steers - 500 Hour Service (NEW)

Date Created: Wednesday, 18 February 2026, 2:24:48 PM (GMT+11:00)

Clean cab fresh air filter	Pass
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Check Tasks

Check drive chain oil level	N/A
Check hydraulic oil level	Pass
Check coolant level	Pass

Grease Points

Lubricate fan belt idler pulley bearing	N/A
Lubricate belt tensioner bearings	N/A
Lubricate universal joints	N/A
Lubricate all pivot pins and linkage	Pass
Fill automatic grease system	N/A

500HR Mechanical Inspection Checklist

Condition and tension of belts (fan, A/C, alternator)	Pass
Operation of A/C and heater	Pass
Operation of hydraulic controls and steering	Pass
Service and park brake operation	Pass
Frame and attachments – cracks or damage	Pass



Plant: BO63 CAT 259D Compact Track Loader

Zone: Zone All

Status: Submitted

Form Template: Skid Steers – 500 Hour Service (NEW)

Date Created: Wednesday, 18 February 2026, 2:24:48 PM (GMT+11:00)

Fuel and hydraulic system – leaks or damaged lines	Pass
Cooling system hoses and clamps – inspect	Pass
Induction system and engine mounts – inspect	Pass
Exhaust system – leaks or loose bolts	Pass
Radiator – check for debris	Pass
Check all grease points are receiving grease	Pass
Park brake interlock operation	Pass
Safety equipment: seatbelt, horns, mirrors, wipers, lights	Pass
Doors, windows, gauges, fire extinguisher	Pass
Emergency stop and shutdown system	Pass
Hydraulic tank breather – inspect/replace	Pass
Operator controls – inspect for wear/damage	Pass
Idler conditions (LHF, RHF, LHR, RHR)	Pass
Check Under carriage	Pass

Safety Checklist

Horn – Check operation	Pass
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Plant: BO63 CAT 259D Compact Track Loader

Zone: Zone All

Status: Submitted

Form Template: Skid Steers - 500 Hour Service (NEW)

Date Created: Wednesday, 18 February 2026, 2:24:48 PM (GMT+11:00)

Reverse Alarm – Check operation	Pass
Lights – Headlights, Indicators, Brake lights – Check operation	Pass
Emergency Stop – Test operation	Pass
Seat Belt – Inspect and test operation	Pass
Fire Extinguisher – Present, accessible, and fully charged	Pass
Mirrors – Clean and properly adjusted	Pass
ROPS (Roll-Over Protective Structure) – Inspect for cracks or damage	Pass
Steps and Grab Rails – Secure and undamaged	Pass
Operator Controls – Test for correct function	Pass
Safety Decals – Present and legible	Pass
Emergency Exit – Accessible and functional	Pass

Service Completion Sign-Off

Service completed by:	Dennis Geboers
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