

B250

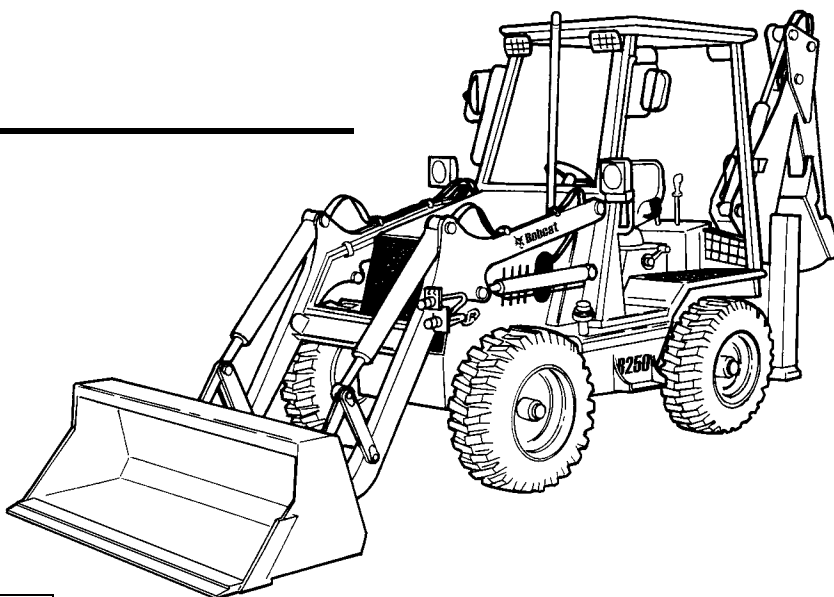


Bobcat®

Service Manual

B Series

S/N 572911001 & Above



Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Bobcat Company or the products of either.

MAINTENANCE SAFETY



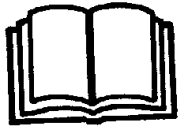
WARNING

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-2003-0903



Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



CORRECT

B-10731a

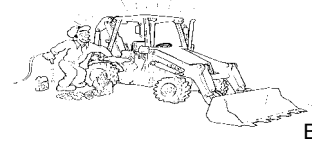
- Never service the Bobcat Loader Backhoe without instructions.



CORRECT

B-16768

- Always use an approved lift arm support device when servicing the loader backhoe with the lift arms raised. Replace the lift arm support device if damaged or missing.
- Disconnecting or loosening any hydraulic tubeline, hose, fitting component, or part failure can cause lift arms or backhoe boom to drop.



CORRECT

B-16738

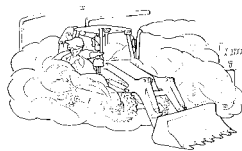
- Cleaning and maintenance are required daily.
- NEVER modify equipment or add attachments not approved by Bobcat.



WRONG

B-16730

- Have good ventilation when welding or grinding painted parts.
- Wear dust mask when grinding painted parts. Toxic dust and gas can be produced.



WRONG

B-16746

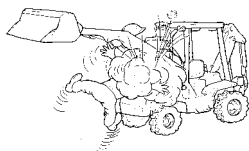
- Vent exhaust to outside when engine must be run for service.
- Exhaust system must be tightly sealed. Exhaust Fumes can kill without warning.



WRONG

B-16719

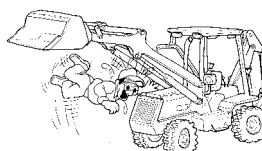
- Never work on loader backhoe with lift arms raised unless supported by an approved lift arm support device.
- Always lower the backhoe bucket to the ground before doing any maintenance.



WRONG

B-16571

- Stop, cool and clean engine of flammable materials before checking fluids.
- Never service or adjust machine with the engine running unless instructed to do so in the manual.
- Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate the skin or eyes.
- Never fill fuel tank with engine running, while smoking or when near open flame.



WRONG

B-16731

- Keep body, jewelry and clothing away from moving parts, electrical contact, hot parts and exhaust.
- Wear eye protection to guard from battery acid, compressed springs, fluids under pressure and flying debris when engines are running or tools are used.
- Use eye protection approved for type of welding.
- Keep engine cover closed except for service. Close and latch engine cover before operating the loader backhoe.



WRONG

B-6589

- Lead batteries produce flammable and explosive gases.
- Keep arcs, sparks, flames and lighted tobacco away from batteries.
- Batteries contain acid which burns eyes or skin on contact. Wear protective clothing. If acid contacts body, flush well with water. For eye contact flush well and get immediate medical attention.

Maintenance procedures which are given in the Operation & Maintenance Manual can be performed by the owner/operator without any specific technical training. Maintenance procedures which are **not** in the Operation & Maintenance Manual must be performed **ONLY BY QUALIFIED BOBCAT SERVICE PERSONNEL**. Always use **genuine Bobcat replacement parts**.



Bobcat®

ALPHABETICAL INDEX

AIR CLEANER	70-01	HEATER FAN	80-01
AIR CLEANER SERVICE	10-01	HEATER UNIT	80-01
ALTERNATOR	60-01	HYDRAULIC FILTER HOUSING	20-01
ALTERNATOR BELT	10-01	HYDRAULIC FLUID RESERVOIR	20-01
APPROVED LIFT ARM SUPPORT DEVICE	10-01	HYDRAULIC SYSTEM INFORMATION	20-01
ARM CYLINDER	20-01	HYDRAULIC/HYDROSTATIC FLUID	
ARM	50-01	SPECIFICATIONS	SPEC-01
AUXILIARY CONTROL VALVE	20-01	HYDRAULIC/HYDROSTATIC SYSTEM	10-01
AXLE AND DIFFERENTIAL (FRONT)	40-01	HYDROSTATIC DRIVE MOTOR	30-01
AXLE AND DIFFERENTIAL (REAR)	40-01	HYDROSTATIC PUMP	30-01
AXLE TOE-IN	10-01	HYDROSTATIC SYSTEM INFORMATION	30-01
		HYDROSTATIC PUMP TESTING AND	
		ADJUSTMENT	30-01
BACKHOE CONTROL VALVE	20-01		
BATTERY	60-01	INSTRUMENT PANEL	60-01
BOB-TACH	10-01, 50-01		
BOOM	50-01	LIFT ARMS	50-01
BOOM CYLINDER	20-01	LIFT CYLINDER	20-01
BOOM LOCK PIN	10-01	LIFTING AND BLOCKING THE	
BRAKE CALIPER	40-01	LOADER BACKHOE	10-01
BUCKET	50-01	LOADER BACKHOE SPECIFICATIONS	SPEC-01
BUCKET CYLINDER	20-01	LOADER BACKHOE TORQUE	SPEC-01
		LOADER CONTROL VALVE	20-01
CAB DOOR	50-01	LUBRICATING THE LOADER BACKHOE	10-01
CAB LIGHTS	60-01		
COMPONENTS	80-01	MAIN RELIEF VALVE	20-01
CONVERSIONS	SPEC-01	MUFFLER	70-01
DRIVESHAFT	40-01	OIL COOLER	30-01
DROP BOX	40-01	OPERATOR CAB	50-01
		OPERATOR SEAT	50-01
ELECTRICAL SYSTEM INFORMATION	60-01		
ENCLOSED CAB	50-01	PARKING BRAKE	40-01
ENGINE	70-01	PORT RELIEF VALVE	
ENGINE COMPONENTS AND TESTING	70-01	(BACKHOE CONTROL VALVE)	20-01
ENGINE COOLING SYSTEM	10-01	PORT RELIEF VALVE	
ENGINE COVER	10-01, 50-01	(LOADER CONTROL VALVE)	20-01
ENGINE LUBRICATION SYSTEM	10-01		
ENGINE SIDE COVERS	50-01	RADIATOR	70-01
ENGINE SPECIFICATIONS	SPEC-01	REAR AXLE	10-01, 40-01
ENGINE SPEED CONTROL	70-01	REAR WINDOW	50-01
		REAR WIPER	60-01
FENDER	50-01	RECONDITIONING THE ENGINE	70-01
FLOOR PANELS	50-01	RUBBER DRIVE COUPLER	70-01
FLYWHEEL	70-01		
FLYWHEEL HOUSING	70-01	SAPR BRAKE CONTROL VALVE	20-01
FRONT AXLE	10-01, 40-01	SAPR BRAKE CYLINDER	20-01
FRONT AXLE PIVOT FRAME	50-01	SERVICE SCHEDULE	10-01
FRONT LIGHTS	60-01	SIDE SHIFT LOCK CYLINDER	20-01
FRONT WIPER	60-01	STABILIZER FRAME	50-01
FUEL LEVEL SENDER	60-01	STABILIZER CYLINDER	20-01
FUEL SYSTEM	10-01	STEERING ANGLE ADJUSTMENT	
FUEL TANK	50-01	(FRONT AXLE)	40-01
		STEERING ANGLE ADJUSTMENT	
GEAR PUMP	20-01	(REAR AXLE)	40-01
GRILL	50-01		
GRILL FRAME	50-01		

It's a preview. You can download the full file by clicking the link below.

<https://shop servicemanual.com/>

Service Manuals from 2\$