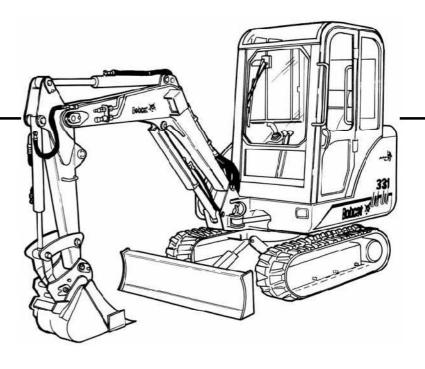


Bobcat®

Service Manual

S/N 232511001 & Above S/N 232711001 & Above S/N 232611001 & Above (D Series)

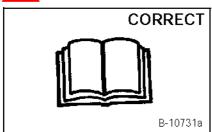


MAINTENANCE SAFETY



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.

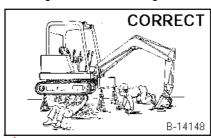
Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



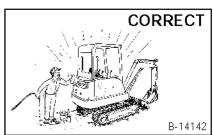
Bobcat

without

service Hydraulic Excavator instructions.



Use the correct procedure to lift and support the excavator. Always lift the blade fully before installing jackstands.



Cleaning and required daily. maintenance



ventilation Have good when weldina or grinding painted parts. Wear dust mask when grinding

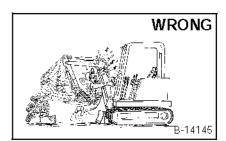
painted parts. Toxic dust and gas can be produced.



Vent exhaust to outside when engine must be run for service.



Exhaust system must be tightly sealed. Exhaust Fumes can kill without warning.

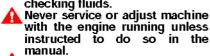


Always lower the bucket and blade to the ground before doing any maintenance.

Never modify equipment or add attachments not approved by Bobcat Company.



Stop, cool and clean engine of flammable materials before checking fluids.



Avoid contact with leaking hydraulic fluid or diesel fue leaking under pressure. It can penetrate the skin or eyes.

Never fill fuel tank with engine running, while smoking or when near open flame.



Keep body, jewelry and clothing away from moving parts. away from moving parts, electrical contact, hot parts and exhaust.

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 rear door closed except for

service. Close and latch door before operating the excavator.



Lead-acid batteries produce flammable and explosive gases. Keep arcs, sparks, flames and lighted tobacco away from batteries.

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 attention. îmmediate medical

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. The Service Safety Training Course is available from your Bobcat dealer.

MSW20-0805



ALPHABETICAL INDEX

AIR CLEANER 60-01	HYDRAULIC PUMP	20-01
AIR CLEANER SERVICE 10-01	HYDRAULIC RESERVOIR	20-01
ALTERNATOR50-01	HYDRAULIC SYSTEM	
ARM 40-01	HYDRAULIC SYSTEM INFORMATION	
ARM CYLINDER20-01		
	LEFT CONTROL LEVER (JOYSTICK)	
BATTERY 50-01	(S/N 232512782 & Below, 232711433 & Below	
BLADE 30-01	and 232612157 & Below)	20-01
BLADE CONTROL	LEFT CONTROL LEVER (JOYSTICK)	
BLADE CYLINDER	(S/N 232512783 & Above, 232711434 & Above	
BOOM	and 232612158 & Above)	20.01
BOOM CYLINDER	LEFT CONSOLE	40.01
BOOM OFFSET CYLINDER	LIFTING AND BLOCKING THE EXCAVATOR	
BUCKET 40-01	LIFTING THE EXCAVATOR	
BUCKET CYLINDER 20-01	LIGHTS	
BUILD UP VALVE20-01	LUBRICATING THE EXCAVATOR	10-01
CAB 40-01	MAIN RELIEF VALVES	20-01
CASE DRAIN FILTER20-01	MANIFOLD ASSEMBLY	
CLAMP 40-01	(S/N 232512782 & Below, 232711433 & Below	
CONVERSIONSSPEC-01	and 232612157 & Below)	20-01
CONTROL LINKAGE ASSEMBLY 40-01	MANIFOLD ASSEMBLY	
CONTROL PATTERN SELECTOR VALVE20-01	(S/N 232512783 & Above, 232711434 & Above	
CROSS PORT RELIEF VALVE20-01	and 232612158 & Above)	20-01
	MANIFOLD ASSEMBLY/ACCUMULATOR	
DIAGNOSTICS SERVICE CODES 50-01	(S/N 232512782 & Below, 232711433 & Below	
DIRECT TO TANK VALVE	and 232612157 & Below)	20-01
DIRECT TO TAIN VALVE20-01	MANIFOLD ASSEMBLY/ACCUMULATOR	20-01
ELECTRICAL SYSTEM INFORMATION 50-01	(S/N 232512783 & Above, 232711434 & Above	
ENGINE 60-01	and 232612158 & Above)	20-01
ENGINE COMPONENTS AND TESTING 60-01	MICROSWITCH	50-01
ENGINE COOLING SYSTEM10-01	MUFFLER	60-01
ENGINE FLYWHEEL 60-01		
ENGINE LUBRICATION SYSTEM 10-01	OIL COOLER	20-01
ENGINE SPECIFICATIONSSPEC-01	OPERATOR CAB (ROPS/TOPS) (If Equipped)	
ENGINE SPEED CONTROL	3. 2. a a a a a a a	
EXTENDIBLE ARM CYLINDER	PORT RELIEF VALVES	20-01
EXTENDIBLE FROM OTENABLIC	PRESSURE REDUCING VALVE	
FLOORMAT AND FLOOR PANELS 40-01	PRESSURE RELIEF VALVE	
FUEL, COOLANT AND LUBRICANTSSPEC-01	PRESSURE SWITCH	
	PRESSURE SWITCH	70-0
FUEL LEVEL SENDER50-01	DADIATOR	00.04
FUEL SYSTEM 10-01	RADIATOR	
FUEL TANK 40-01	RECEIVER/DRIER	
	RECONDITIONING THE ENGINE	
HEATER AIR FILTERS (With Cab Option Only) 10-01	REGULAR MAINTENANCE	70-01
HORN 40-01	RIGHT CONTROL LEVER (JOYSTICK)	
HYDRAULIC CONNECTION SPECSSPEC-01	(S/N 232512782 & Below, 232711433 & Below	
HYDRAULIC CONTROL VALVE	and 232612157 & Below)	20-01
(S/N 232512782 & Below, 232711433 & Below	RIGHT CONTROL LEVER (JOYSTICK)	
and 232612157 & Below)	(S/N 232512783 & Above, 232711434 & Above	
HYDRAULIC CONTROL VALVE	and 232612158 & Above)	20-01
(S/N 232512783 & Above, 232711434 & Above	RIGHT CONSOLE	
and 232612158 & Above)	RIGHT PEDAL AND LINKAGE	
HYDRAULIC EXCAVATOR SPECSSPEC-01	RIGHT SIDE COVER	
HYDRAULIC FLUID SPECIFICATIONSSPEC-01	ROPS CANOPY	
HYDRAULIC FILTER	7.0.00,0101	10 0

SAFETY	70-01
SEAT AND MOUNT	40-01
SERVICE SCHEDULE	10-01
SPARK ARRESTOR MUFFLER	
STARTER	50-01
SWING CIRCLE GEAR	30-01
SWING FRAME	40-01
SWING LOCK	
SWING MOTOR	
61WING MOTOR DRIVE CARRIER	
SWIVEL JOINT	20-01
SYSTEM CHARGING AND RECLAMATION	
SYSTEM TROUBLESHOOTING CHART	70-01
TAILGATE	10-01
TEMPERATURE/PRESSURE	40-01
THERMOSTAT	
TORQUE SPECIFICATIONS	SPEC-01
TRACKS	30-01
TRACK DAMAGE IDENTIFICATION	30-01
TRACK FRAME	30-01
TRACK IDLER	
TRACK ROLLER	
TRANSPORTING THE EXCAVATOR	
TRAVEL CONTROLS	40-01
TRAVEL MOTOR	.10-01, 20-01
TROUBLESHOOTING	60-01
TWO SPEED SWITCH	50-01
UPPERSTRUCTURE	40-01

CONTENTS

SAFETY INSTRUCTIONS V
FOREWORDIII
SERIAL NUMBER LOCATIONSIX
DELIVERY REPORTIX
BOBCAT EXCAVATOR IDENTIFICATION X
SAFETY AND MAINTENANCE10-01
HYDRAULIC SYSTEM20-01
UNDERCARRIAGE30-01
UPPERSTRUCTURE & SWING SECTION40-01
ELECTRICAL SYSTEM AND ANALYSIS 50-01
ENGINE SERVICE
HEATING, VENTILATION, AIR CONDITIONING70-01
SPECIFICATIONSSPEC-01

SAFETY AND MAINTENANCE

HYDRAULIC SYSTEM

UNDERCARRIAGE

UPPERSTRUCTURE & SWING SECTION

ELECTRICAL SYSTEM AND ANALYSIS

ENGINE SERVICE

HEATING, VENTILATION, AIR CONDITIONING

SPECIFICATIONS

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