

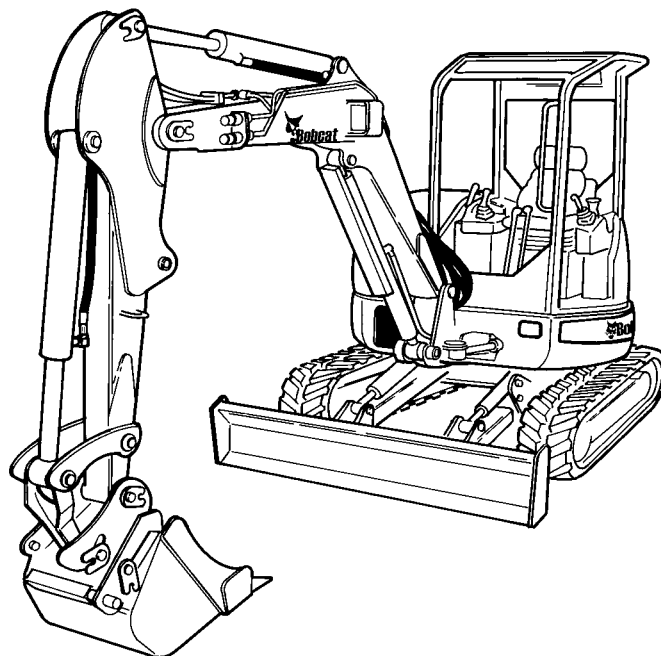
435



Bobcat®

Service Manual

**S/N 562611001 & Above
S/N 562811001 & Above
S/N 563111001 & Above
S/N 563211001 & Above**



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.

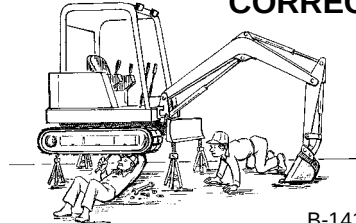
CORRECT



B-10731a

- ⚠ Never service the Bobcat Hydraulic Excavator without instructions.

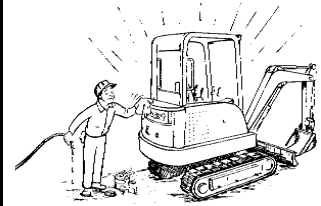
CORRECT



B-14148

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

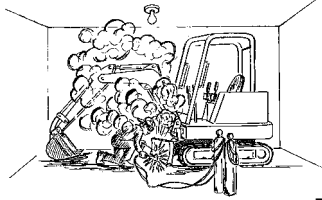
CORRECT



B-14142

- ⚠ Cleaning and maintenance are required daily.

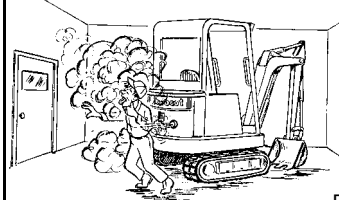
WRONG



B-14147

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

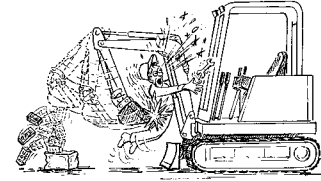
WRONG



B-14141

- ⚠ 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-14145

- ⚠ Always lower the bucket and blade to the ground before doing any maintenance.
- ⚠ Never modify equipment or add attachments not approved by Bobcat Company.

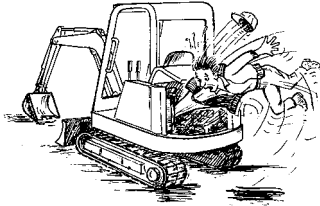
WRONG



B-14146

- ⚠ 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-14143

- ⚠ 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 rear door closed except for service. Close and latch door before operating the excavator.

WRONG



B-6589

- ⚠ Lead-acid 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. The Service Safety Training Course is available from your Bobcat dealer.



Bobcat®

ALPHABETICAL INDEX

AIR CLEANER	10-01, 70-01	FLOORMAT AND FLOOR PLATES	50-01
AIR CONDITIONING SERVICE.....	80-01	FUEL, COOLANT AND LUBRICANTS	SPEC-01
AIR CONDITIONING SYSTEM FLOW	80-01	FUEL LEVEL SENDER	60-01
ALTERNATOR	60-01	FUEL SYSTEM.....	10-01
ARM	50-01	FUEL TANK	50-01
ARM CYLINDER	20-01		
		GENERAL AIR CONDITIONING SERVICE GUIDELINES	
BASIC TROUBLESHOOTING	80-01		80-01
BATTERY	60-01		
BLADE	40-01	HEATER A/C FAN	80-01
BLADE CONTROL.....	50-01	HEATER AIR FILTER (WITH CAB OPTION ONLY)	
BLADE CYLINDER	20-01		10-01
BOOM	50-01	HEATER COIL	80-01
BOOM CYLINDER	20-01	HEATER VALVE	80-01
BOOM SWING CYLINDER.....	20-01	HOSES	20-01
BOOM SWING LOCK VALVE	20-01	HORN	50-01
BUCKET	50-01	HYDRAULIC CONTROL VALVE	20-01
BUCKET CYLINDER	20-01	HYDRAULIC CONNECTION SPECS	SPEC-01
BUILD UP VALVE	20-01	HYDRAULIC FLUID SPECIFICATIONS.....	SPEC-01
		HYDRAULIC FILTER MOUNT.....	20-01
CAB.....	50-01	HYDRAULIC PUMP	20-01
CLAMP CYLINDER	20-01	HYDRAULIC RESERVOIR.....	20-01
COMPONENTS	80-01	HYDRAULIC SYSTEM.....	10-01
COMPRESSOR	80-01	HYDRAULIC SYSTEM INFORMATION	20-01
CONDENSOR	80-01	HYDRAULIC X-CHANGE VALVE	50-01
CONVERSIONS	SPEC-01	HYDROSTATIC PUMP	30-01
CONTROL LINKAGE ASSEMBLY	50-01	HYDRAULIC PUMP START UP	30-01
CONTROL PATTERN SELECTOR VALVE	20-01	HYDROSTATIC SYSTEM INFORMATION.....	30-01
COOLING FAN	20-01		
COOLING SYSTEM.....	10-01	LEFT CONTROL LEVER (JOYSTICK)	20-01
CROSSPORT RELIEF VALVE	20-01	LEFT CONSOLE	50-01
		LIFTING AND BLOCKING THE EXCAVATOR	10-01
DELUXE INSTRUMENT PANEL SETUP.....	60-01	LIFTING THE EXCAVATOR	10-01
DIAGNOSTICS SERVICE CODE	60-01	LIGHTS.....	60-01
DIRECT TO TANK VALVE	20-01	LOWER TRACK ROLLER.....	40-01
DRIVE BELT	30-01	LUBRICATION OF THE HYDRAULIC EXCAVATOR	
DRIVE BELT SHIELD	30-01		10-01
DUAL SEQUENCE VALVE	20-01		
		MAIN RELIEF VALVES.....	20-01
ELECTRICAL SYSTEM INFORMATION	60-01	MANIFOLD ASSEMBLY/ACCUMULATOR	20-01
ENGINE	70-01	MUFFLER.....	70-01
ENGINE ACCESSORY DRIVE BELT	10-01		
ENGINE COMPONENTS AND TESTING	70-01	OIL COOLER.....	20-01
ENGINE FLYWHEEL	70-01	OPERATOR CAB (ROPS/TOPS)	10-01
ENGINE LUBRICATION SYSTEM.....	10-01		
ENGINE SPECIFICATIONS.....	SPEC-01	PORT RELIEF VALVES.....	20-01
ENGINE SPEED CONTROL	50-01	PRESSURE REDUCING VALVE.....	20-01
EVAPORATOR.....	80-01	PRESSURE RELIEF VALVE	80-01
EVAPORATOR/HEATER UNIT	80-01	PRESSURE SWITCH	80-01
EXPANSION VALVE	80-01		
FAN/CHARGE PUMP	30-01		

Continued On Next Page

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

<https://shop servicemanual.com/>

Service Manuals from 2\$