V638



Service Manual

S/N A2ZV11001 & Above (with Cab) S/N A2ZW11001 & Above (with Canopy)



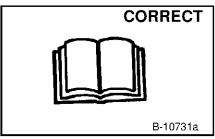
6904755 (1-07) Printed in U.S.A. @ Bobcat Company 2007

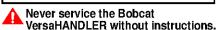
MAINTENANCE SAFETY



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.

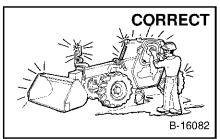
W-2003-0903



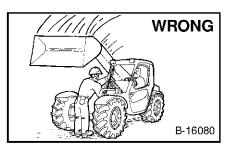




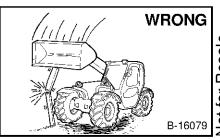
Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



Cleaning and maintenance are required daily.

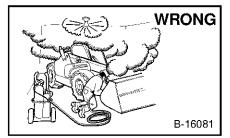


Disconnecting or loosening any hydraulic tubeline, hose, fitting, component or a part failure can cause boom to drop. Do not go under boom when raised unless supported by an approved boom stop. Replace if damaged.



Never work on VersaHANDLER with boom up unless boom is held by an approved boom stop. Replace if damaged.

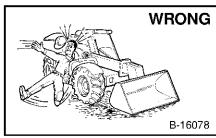
Never modify equipment or add attachments not approved by Bobcat Company.



Have good ventilation when welding or grinding painted parts.

Wear dust mask when grinding painted parts. Toxic dust and gas can be produced.

Avoid exhaust fume leaks which can kill without warning. Exhaust system must be tightly sealed.



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.



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.**

MSW12-0805



ALPHABETICAL INDEX

ACCUMULATOR	20.01	FUEL SYSTEM	10.01
AIR CLEANER		FUEL TANK	
AIR CLEANER SERVICE	10-01	TOLL TAIN	
AIR CONDITIONING SERVICE		GEAR PUMP	20.01
AIR CONDITIONING SYSTEM FLOW		GENERAL AIR CONDITIONING SERVICE	20-01
AIR INTAKE COWLING		GUIDELINES	80-01
ALTERNATOR		GOIDELINES	
APPROVED BOOM STOP		HEATER ASSEMBLY	90.01
ATTACHMENT FRAME		HYDRAULIC CONNECTION SPECS	
AXLES (FRONT AND REAR)		HYDRAULIC CONTROL VALVE	
		HYDRAULIC RESERVOIR	
AXLE AND DIFFERENTIAL (FRONT)			20-01
AXLE AND DIFFERENTIAL (REAR)		HYDRAULIC / HYDROSTATIC FLUID	0050.04
AXLE TOE-IN	40-01	SPECIFICATIONS	
- 1 0 to 0 to		HYDRAULIC / HYDROSTATIC SYSTEM	
BASIC TROUBLESHOOTING		HYDRAULIC SYSTEM INFORMATION	
BATTERY		HYDROSTATIC DRIVE MOTOR	
BOOM TRAY		HYDROSTATIC PUMP	
BRAKE LIGHT SWITCH		HYDROSTATIC SYSTEM INFORMATION	30-01
BRAKE VALVE		INOLUNG CAUTOLI	22.21
BUCKET POSITION CYLINDER	20-01	INCHING SWITCH	
		INSTRUMENT PANEL	
CANOPY	50-01	INTERMEDIATE BOOM	50-01
CHAIN CHECKING AND ADJUSTING			<u>Φ</u>
PROCEDURE		JOYSTICK JOYSTICK PANEL	20-01 g
COMPONENTS	80-01	JOYSTICK PANEL	50-01 💆
COMPRESSOR	80-01		
CONDENSER		LATERAL OPERATOR RESTRAINT SYSTE	_
CONVERSIONS	SPEC-01	(LORS)	10-01, 60-01 万
		LIFT CYLINDER	
DASH COVER/STEERING COLUMN COV		LIFTING AND BLOCKING THE VERSAHAN	IDLER 10-01
DRIVE BOX		LIGHTS	60-01
DRIVESHAFT	40-01	LUBRICATION	10-01 <u>Ā</u>
	00.04		
ELECTRICAL SYSTEM INFORMATION		MACHINE TORQUE SPECIFICATIONS	SPEC-01
END BOOM		MAIN RELIEF VALVE	20-01 👸
ENGINE AND ENGINE MOUNTS		MUFFLER	70-01 □
ENGINE COMPONENTS AND TESTING .		OIL COOLER/RADIATOR	
ENGINE COOLING SYSTEM		OPERATOR CAB	
ENGINE COVER		OPERATOR CAB/CANOPY	10-01
ENGINE/HYDROSTAT ASSEMBLY		OPERATOR SEAT	50-01
ENGINE LUBRICATION SYSTEM			
ENGINE SPECIFICATIONS	SPEC-01	PARKING BRAKE	20-01, 40-01
ENGINE SPEED CONTROL	70-01	PEDAL ASSEMBLY	60-01
ENGINE TIMING	70-01	PIVOT LINK	
EVAPORATOR/BLOWER UNIT	80-01	PORT RELIEF VALVES	
EXPANSION VALVE	80-01	PRESSURE SWITCH	
EXTENSION CYLINDER	20-01	PRESSURE REDUCING VALVE	
FAN MOTOR	20-01	QUICK-TACH	50-01
FENDER	50-01	QUICK TACH CYLINDER	20-01
FIXED BOOM			
FLOW CONTROL VALVE	20-01		
FRAME LEVELING CYLINDER			
FRAME LEVELING SPEED SWITCH			
ELYWHEEL AND HOUSING			

FRONT AXLE 40-01 FRONT WIPER MOTOR 60-01



Thank you very much for your reading.

Please click here to get more information.