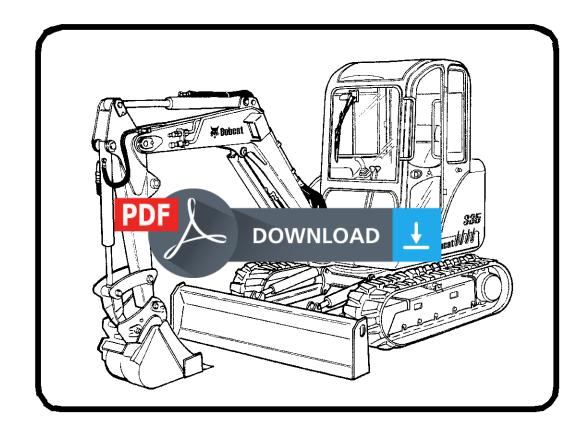


Service Manual 335 Compact Excavator

S/N A16U11001 & Above





1 of 1014

MAINTENANCE SAFETY

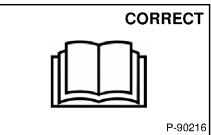


Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

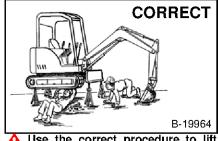
W-2003-0807

A

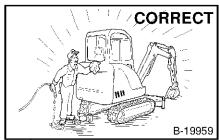
Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



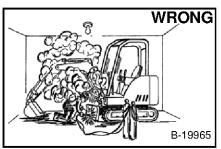
Never service the Bobcat Excavator without instructions.



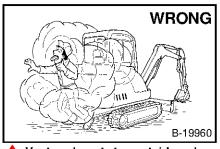
Use the correct procedure to lift and support the excavator.



Cleaning and maintenance are required daily.

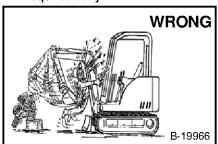


Have good ventilation when welding or grinding painted parts. Wear dust mask when grinding painted parts. Toxic dust and gas can be produced.



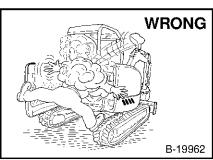
Vent exhaust to outside when engine must be run for service.

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.

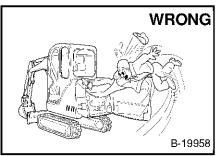


Stop, cool and clean engine of flammable materials before checking fluids.

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.



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 protections approved for type of welding.

Keep tailgate closed except for service. Close and latch tailgate before operating the excavator.



Lead-acid batteries produce flammable and explosive gases.

Keep arcs, sparks, flames and lighted tobacco away from batteries.

A 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.

MSW28-0409



ALPHABETICAL INDEX

ACCESSORY DRIVE BELT		EVAPORATOR SPECIFICATIONS	SPEC-01
AIR CLEANER		EXCAVATOR STORAGE AND RETURN TO)
AIR CLEANER SERVICE		SERVICE	10-01
AIR CONDITIONING SYSTEM FLOW	70-01	EXPANSION VALVE	70-01
ALTERNATOR	50-01	FAN	
ANGLE BLADE		FLOORMAT AND FLOOR PANEL	40-01
ANBLE BLADE ASSEMBLY	30-01	FUEL LEVEL SENDER	50-01
ANGLE BLADE CUTTING EDGE	30-01	FUEL SYSTEM	.10-01, 60-01
ANGLE BLADE CYLINDER	20-01	FUEL TANK	
ANGLE BLADE VALVE	20-01	FLYWHEEL AND HOUSING	60-01
ARM	40-01		
ARM CYLINDER	20-01	HEATER COIL	70-01
		HEATER VALVE	70-01
BATTERY	50-01	HORN	40-01
BLADE		HYDRAULIC CONTROL VALVE	20-01
BLADE CONTROL	40-01	HYDRAULIC CONNECTION	
BLADE CYLINDER	20-01	SPECIFICATIONS	SPEC-01
BLOWER FAN		HYDRAULIC FLUID SPECIFICATIONS	
BOOM		HYDRAULIC FILTER	
BOOM CYLINDER		HYDRAULIC PUMP	20-01
BOOM SWING CYLINDER		HYDRAULIC PUMP START-UP	
BOOM SWING LOCK VALVE		HYDRAULIC RESERVOIR	
BOOM SWING PEDAL		HYDRAULIC SYSTEM	(1)
BUCKET		HYDRAULIC SYSTEM INFORMATION	
BUCKET CYLINDER		HYDRAULIC X-CHANGE™ VALVE	
CAD	40.04	LEET CONTROL LEVER / LOVETICE	ئو ہے ہے
CAMCULATE AND TIMING OF A DO		LEFT CONTROL LEVER (JOYSTICK)	20-01 5
CAMSHAFT AND TIMING GEARS		LEFT CONSOLE	
CANOPY		LIFTING AND BLOCKING THE EXCAVATO)R 10-01
CASE DRAIN FILTER		LIFTING THE EXCAVATOR	10-01 &
CLAMP		LIGHTS	
CLAMP CYLINDER		LUBRICATING THE EXCAVATOR	_
COMPRESSOR		LUBRICATION SYSTEM	60-01 <u>a</u>
CONDENSOR			<u>8</u>
CONVERSIONS		MAGNETIC LOCKOUT SENSOR	50-01 □
CONTROL PATTERN SELECTOR VALVE		MAIN RELIEF VALVE	∠0-01
CRANKSHAFT AND PISTONS		MANIFOLD ASSEMBLY/ACCUMULATOR.	20-01
CROSS PORT RELIEF VALVES			
CYLINDER HEAD	60-01	OIL COOLER	
		OPERATOR CAB (ROPS/TOPS)	10-01
DIAGNOSTICS SERVICE CODES			
DIRECT TO TANK VALVE		PIVOT PINS	
DIVERTER VALVE	20-01	PORT RELIEF VALVES	
	=	PRESSURE REDUCING VALVE	20-01
ELECTRICAL SYSTEM INFORMATION			
ENGINE COOLING SYSTEM	•	RECEIVER/DRIER	
ENGINE INFORMATION		REGULAR MAINTENANCE	
ENGINE LUBRICATION SYSTEM		RIGHT CONTROL LEVER (JOYSTICK)	
ENGINE SPEED CONTROL		RIGHT CONSOLE	
EVAPORATOR COIL		RIGHT SIDE COVER	.10-01, 40-01
EVAPORATOR/HEATER UNIT	70-01		

Continued On Next Page



Thank you very much for your reading.

Please click here to get more information.