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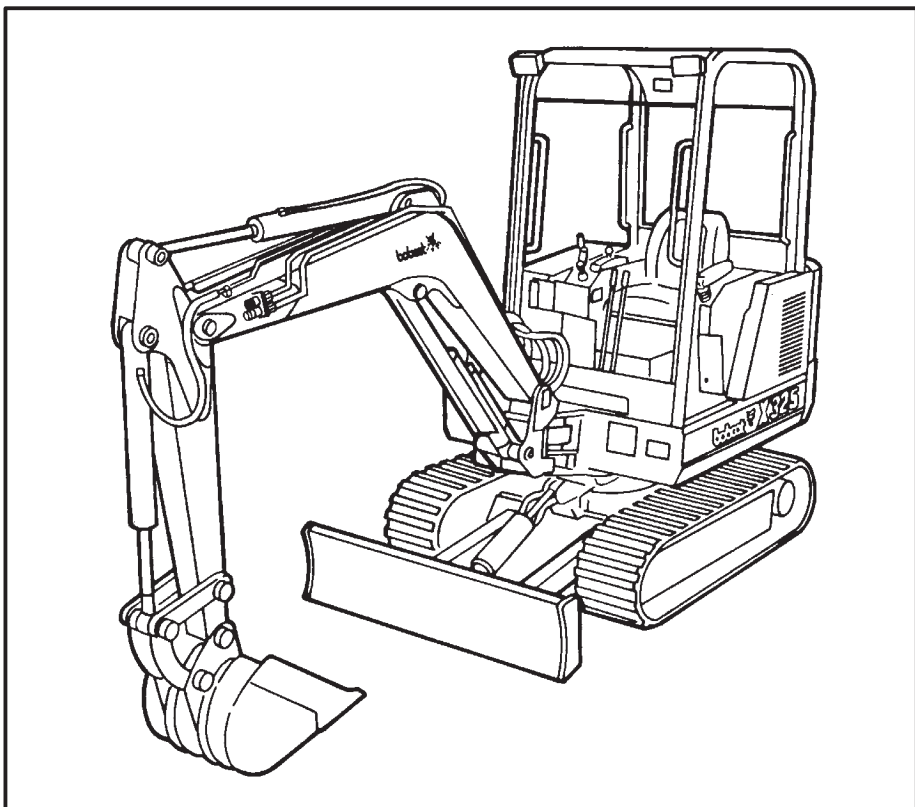
Excavator

Service Manual

(S/N 511820001 & Above)



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**MELROE
INGERSOLL-RAND**

6722849 (6-12)

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MAINTENANCE SAFETY



WARNING

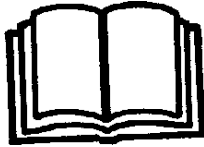
Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after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

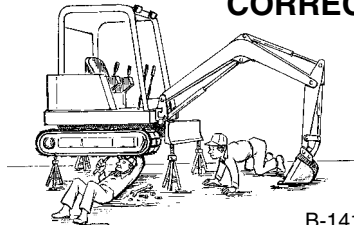
CORRECT



B-10731a

- ⚠ Never service the Bobcat Hydraulic Excavator without instructions.

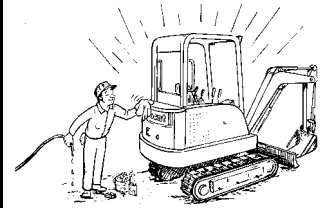
CORRECT



B-14148

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

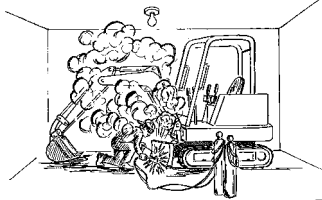
CORRECT



B-14142

- ⚠ Cleaning and maintenance are required daily.

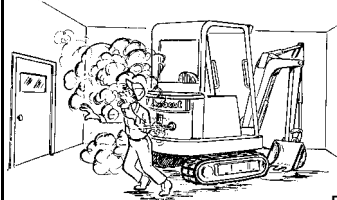
WRONG



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.

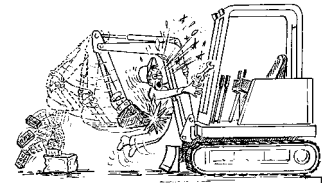
WRONG



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.

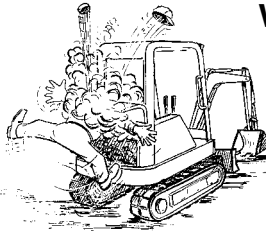
WRONG



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.

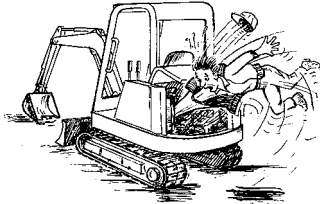
WRONG



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

ACCUMULATOR	2-1	HYDRAULIC CONTROL VALVE (6-Spool)	
AIR CLEANER	7-1	DUKES VALVE (S/N 511820001-511820519)	2-1
AIR CLEANER SERVICE	1-1	HYDRAULIC CONTROL VALVE (3-Spool)	
ALTERNATOR	6-1	DUKES VALVE (S/N 511820001-511820519)	2-1
ARM	4-1	HYDRAULIC CONTROL VALVE (6-Spool)	
ARM CYLINDER	2-1	HUSCO VALVE (S/N 511820520 & Above)	2-1
		HYDRAULIC CONTROL VALVE (3-Spool)	
BATTERY (S/N 20001-20294)	6-1	HUSCO VALVE (S/N 511820520 & Above)	2-1
BATTERY (S/N 20295 & Above)	6-1	HYDRAULIC CYLINDER	2-1
BLADE	5-1	HYDRAULIC EXCAVATOR SPECIFICATIONS	8-1
BLADE CYLINDER	2-1	HYDRAULIC FILTER ASSEMBLY	2-1
BOOM	4-1	HYDRAULIC PUMP	2-1
BOOM CYLINDER	2-1	HYDRAULIC RESERVOIR	2-1
BOOM SWING BRACKET	4-1	HYDRAULIC SERVICE INFORMATION	2-1
BOOM SWING CYLINDER	2-1	HYDRAULIC SYSTEM	1-1
BUCKET	4-1		
BUCKET CYLINDER	2-1	INSPECTION COVER	4-1
BUCKET TEETH	4-1	INSTRUMENT PANEL	6-1
CAB	4-1	JOYSTICK	3-1
CAB/CANOPY REAR COVER	4-1	JOYSTICK CONTROL CHANGE	2-1
CAB ELECTRICAL (Cab Option)	6-1		
CENTER FLOOR PANEL	4-1	LEFT CONSOLE	3-1
CENTER SWIVEL JOINT	4-1	LEFT HAND SIDE COVER	4-1
CONSOLE SWITCHES	6-1	LEFT JOYSTICK	3-1
CONTROL LEVERS	3-1	LUBRICATION OF THE HYDRAULIC EXCAVATOR	1-1
COOLING SYSTEM	1-1		
CORNER POST	4-1	MAIN RELIEF VALVES HUSCO VALVE	2-1
COUNTERBALANCE VALVE		MUFFLER	7-1
(S/N 511820520 & Above)	4-1		
COUNTERWEIGHTS	4-1	OIL COOLER	2-1
CRANKSHAFT AND BEARINGS	7-1	OIL SPECIFICATIONS	8-1
CROSS PORT RELIEF VALVE			
(S/N 511820001-511820519)	4-1	PORT BLOCK	2-1
CYLINDER HEAD	7-1	PORT RELIEF VALVES HUSCO VALVE	2-1
CYLINDER LINERS	7-1		
		RADIATOR	7-1
DOMELIGHT	6-1	REAR FLOOR PANEL	4-1
DRIVE MOTOR	5-1	RIGHT CONSOLE	3-1
		RIGHT JOYSTICK	3-1
ELECTRIC FUEL PUMP	7-1	ROPS CANOPY	4-1
ELECTRICAL SYSTEM	6-1		
ENGINE	7-1	SEAT AND MOUNTING FRAME	4-1
ENGINE COMPRESSION	7-1	SERVICE SCHEDULE	1-1
ENGINE COVER	1-1, 4-1	STARTER	6-1
ENGINE FLYWHEEL	7-1	SWING GEAR BOX ASSEMBLY	4-1
ENGINE LUBRICATION SYSTEM	1-1	SWING MOTOR	4-1
ENGINE SPECIFICATIONS	8-1	SWING MOTOR COVER	4-1
FINAL DRIVE CASE	1-1	TIMING GEAR, CAMSHAFT AND OIL PUMP	7-1
FOOT PEDAL AND STEERING LEVERS	3-1	TIMING GEAR COVER	7-1
FRONT ENGINE COVER	4-1	TOOL BOX	4-1
FUEL, COOLANT AND LUBRICANTS	8-1	TRACK	5-1
FUEL FILTER	7-1	TRACK FRAME	5-1
FUEL INJECTION PUMP	7-1	TRACK IDLER	5-1
FUEL INJECTOR NOZZLES	7-1	TRACK ROLLER	5-1
FUEL LEVEL SENDER	6-1	TROUBLESHOOTING	6-1, 7-1
FUEL SYSTEM	1-1		
FUEL TANK	4-1	UPPER STRUCTURE AND SWING CIRCLE GEAR	4-1
		USING A BOOSTER BATTERY (JUMP STARTING)	1-1
GLOW PLUGS	7-1	VALVE CLEARANCE	7-1
		WATER PUMP	7-1

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