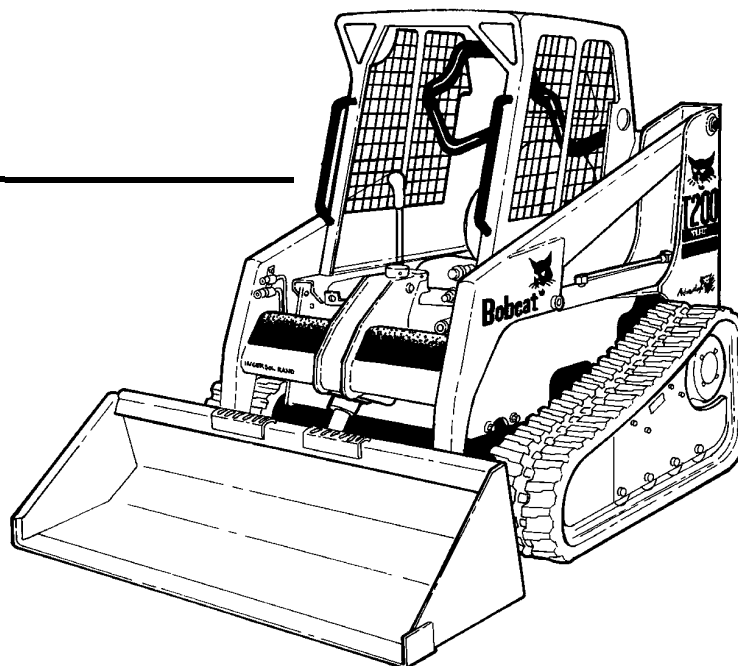




Bobcat®

Service Manual

S/N 518915001 & Above
S/N 516815001 & Above
S/N 517515001 & Above



**EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)**

Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Bobcat Company or the products of either.

MAINTENANCE SAFETY



WARNING

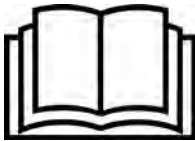
Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after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

W-2003-0807



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

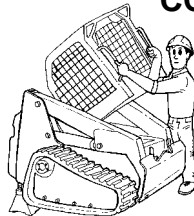
CORRECT



P-90216

⚠ Never service the Bobcat Compact Track Loader without instructions.

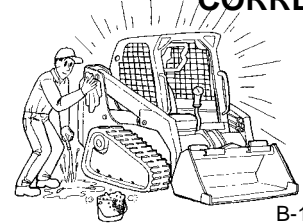
CORRECT



B-15659

⚠ Use the correct procedure to lift or lower operator cab.

CORRECT



B-15660

⚠ Cleaning and maintenance are required daily.

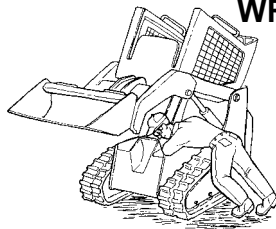
WRONG



B-15664

- ⚠ 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.

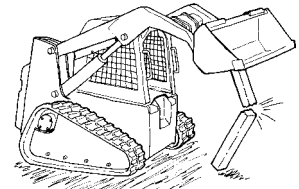
WRONG



B-15661

- ⚠ Disconnecting or loosening any hydraulic tubeline, hose, fitting, component or a part failure can cause lift arms to drop. Do not go under lift arms when raised unless supported by an approved lift arm support device. Replace it if damaged.

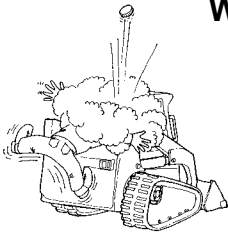
WRONG



B-15662

- ⚠ Never work on loader with lift arms up unless lift arms are held by an approved lift arm support device. Replace if damaged.
- ⚠ Never modify equipment or add attachments not approved by Bobcat Company.

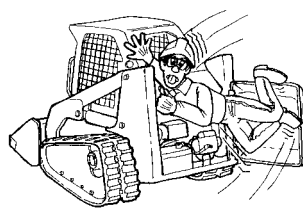
WRONG



B-15665

- ⚠ Stop, cool and clean engine of flammable materials before checking fluids.
- ⚠ Never service or adjust loader 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-15663

- ⚠ 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 loader.

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

ADVANCED CONTROL SYSTEM (ACS)		FUEL TANK	50-01
SELECTABLE HAND / FOOT CONTROL	60-01	GENERAL AIR CONDITIONING SERVICE	
ADVANCED CONTROL SYSTEM (ACS)		GUIDELINES	80-01
ADVANCED HAND CONTROL	60-01	HEATER COIL	80-01
AIR CLEANER	70-01	HEATER VALVE	80-01
AIR CLEANER SERVICE	10-01	HEATER / AC FAN	80-01
AIR CONDITIONING SERVICE	80-01	HYDRAULIC CONTROL VALVE (ADVANCED	
AIR CONDITIONING SYSTEM FLOW	80-01	CONTROL SYSTEM) (ACS)	20-01
ALTERNATOR (90 AMP)	60-01	HYDRAULIC CONNECTION	
BASIC TROUBLESHOOTING	80-01	SPECIFICATIONS	SPEC-01
BATTERY	60-01	HYDRAULIC CONTROL VALVE (FOOT)	20-01
BICS™ SYSTEM	60-01	HYDRAULIC FILTER HOUSING	20-01
BOB-TACH	10-01, 50-01	HYDRAULIC FLUID RESERVOIR	20-01
BOBCAT CONTROLLER	60-01	HYDRAULIC PUMP	20-01
BRAKE	40-01	HYDRAULIC PUMP (HI FLOW)	20-01
BUCKET POSITION VALVE	20-01	HYDRAULIC SYSTEM INFORMATION	20-01
CHARGE PRESSURE	30-01	HYDRAULIC / HYDROSTATIC FILTER	20-01
COMPONENTS	80-01	HYDRAULIC / HYDROSTATIC FLUID	
COMPRESSOR	80-01	SPECIFICATIONS	SPEC-01
CONDENSER	80-01	HYDRAULIC / HYDROSTATIC SYSTEM	10-01
CONTROL HANDLE (ADVANCED CONTROL		HYDROSTATIC MOTOR	30-01
SYSTEM) (ACS) SELECTABLE HAND / FOOT		HYDROSTATIC PUMP	30-01
CONTROL	50-01	HYDROSTATIC SYSTEM INFORMATION	30-01
CONTROL HANDLE (ADVANCED CONTROL		INSTRUMENT PANEL	60-01
SYSTEM) (ACS) ADVANCED HAND CONTROL ..	50-01	LIFT ARM	50-01
CONTROL PANEL	50-01	LIFT ARM BYPASS CONTROL VALVE	20-01
CONTROL PEDALS	50-01	LIFT ARM SUPPORT DEVICE	10-01
CONTROL PEDALS (ACS)	50-01	LIFTING AND BLOCKING THE LOADER	10-01
CONVERSIONS	SPEC-01	LIGHTS	60-01
COOLING FAN	70-01	LOADER SPECIFICATIONS	SPEC-01
CYLINDER (LIFT)	20-01	LOADER TORQUE	SPEC-01
CYLINDER (POWER BOB-TACH)	20-01	LUBRICATION OF THE BOBCAT LOADER	10-01
CYLINDER (TILT)	20-01	MAIN RELIEF VALVE	20-01
DIAGNOSTICS	60-01	MUFFLER	70-01
DRIVE BELT	30-01	OIL COOLER	30-01
DRIVE COMPONENTS	40-01	OPERATOR CAB	10-01, 50-01
ELECTRICAL SYSTEM INFORMATION	60-01	OPERATOR SEAT	50-01
ELECTRICAL / HYDRAULIC CONTROLS		OPERATOR SEAT (SUSPENSION)	50-01
REFERENCE	60-01	POWER BOB-TACH	50-01
ENGINE & ENGINE MOUNTS	70-01	POWER BOB-TACH (OPTION)	10-01
ENGINE COMPONENTS AND TESTING	70-01	POWER BOB-TACH BLOCK	20-01
ENGINE COOLING SYSTEM	10-01	PRESSURE RELIEF VALVE	80-01
ENGINE LUBRICATION SYSTEM	10-01	PRESSURE SWITCH	80-01
ENGINE SPEED CONTROL	70-01		
EVAPORATOR	80-01		
EVAPORATOR / HEATER UNIT	80-01		
EXPANSION VALVE	80-01		
FAN GEARBOX	10-01		
FLYWHEEL AND HOUSING	70-01		
FRONT AUXILIARY PRESSURE RELIEF BLOCK	20-01		
FUEL SYSTEM	10-01		

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