

T190

TURBO

T190

TURBO

HIGH FLOW



Bobcat®

Service Manual

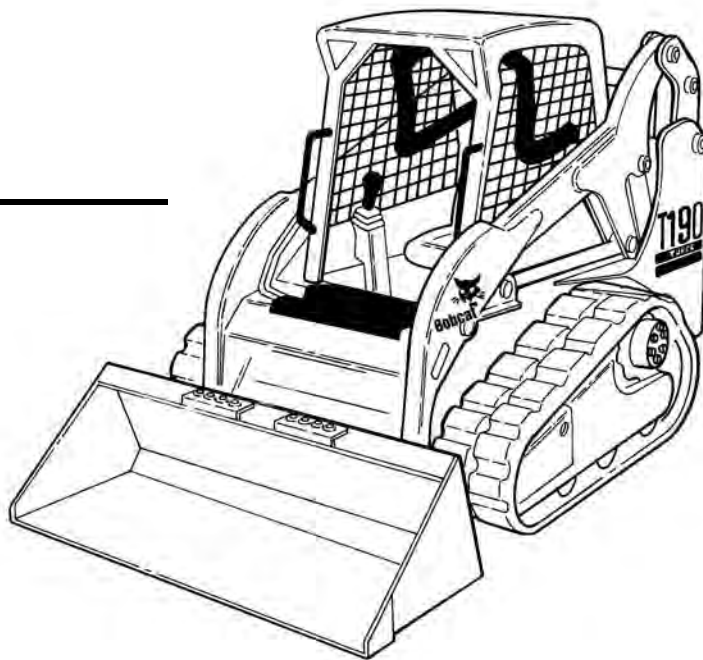
G Series

S/N 527011001 & Above

S/N 527911001 & Above

S/N 527711001 & Above

S/N 527811001 & Above



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

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.

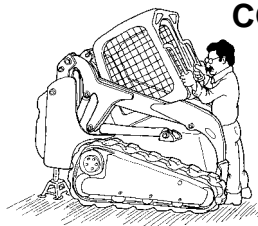
CORRECT



P-90216

- Never service the Bobcat Compact Track Loader without instructions.

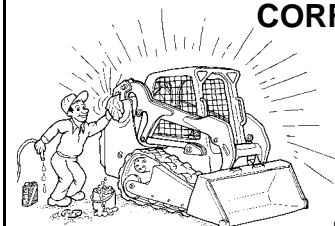
CORRECT



B-15954

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

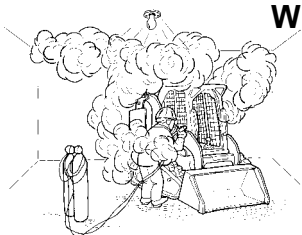
CORRECT



B-15956

- Cleaning and maintenance are required daily.

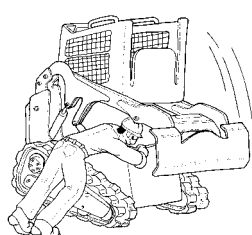
WRONG



B-15967

- 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.

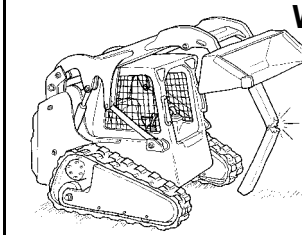
WRONG



B-15958

- 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.

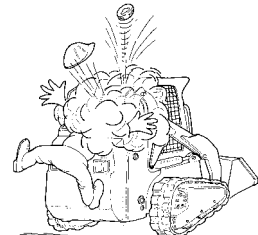
WRONG



B-15955

- 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.

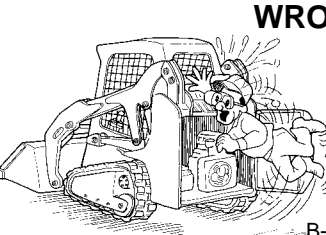
WRONG



B-15966

- 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-15951

- 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)	60-01	FAN GEARBOX	10-01
AIR CLEANER	70-01	FLYWHEEL AND HOUSING	70-01
AIR CLEANER SERVICE	10-01	FLYWHEEL RPM SENSOR	60-01
AIR CONDITIONING SERVICE	80-01	FRONT AUXILIARY HYD. COUPLER BLOCK	20-01
AIR CONDITIONING SYSTEM FLOW	80-01	FUEL SYSTEM	10-01
ALTERNATOR	60-01	FUEL TANK	50-01
BASIC TROUBLESHOOTING	80-01	GENERAL AIR CONDITIONING SERVICE	
BATTERY	60-01	GUIDELINES	80-01
BICS SYSTEM	60-01	 	
BOB-TACH	10-01, 50-01	HEATER COIL	80-01
BOBCAT CONTROLLER	60-01	HEATER VALVE	80-01
BRAKE	40-01	HEATER/AC FAN	80-01
BUCKET POSITION VALVE	20-01	HIGH FLOW VALVE	20-01
 		HYDRAULIC CONNECTION	
CHARGE PRESSURE	30-01	SPECIFICATIONS	SPEC-01
COMPONENTS	80-01	HYDRAULIC CONTROL VALVE (1 PIECE CASTING)	
COMPRESSOR	80-01	(FOOT CONTROL)	20-01
CONDENSER	80-01	HYDRAULIC CONTROL VALVE (2 PIECE CASTING)	
CONTROL HANDLE	50-01	(ADVANCED CONTROL SYSTEM) (ACS)	20-01
CONTROL HANDLE (ADVANCED CONTROL SYSTEM)		HYDRAULIC CONTROL VALVE (2 PIECE CASTING)	
(ACS) SELECTABLE HAND/FOOT CONTROL	50-01	(FOOT CONTROL)	20-01
CONTROL PANEL (ADJUSTABLE PINTLES)	50-01	HYDRAULIC CONTROL VALVE (FOOT)	20-01
CONTROL PANEL		HYDRAULIC FILTER HOUSING	20-01
(NON-ADJUSTABLE PINTLES)	50-01	HYDRAULIC FLUID RESERVOIR	20-01
CONTROL PEDALS	50-01	HYDRAULIC PUMP	20-01
CONTROL PEDALS (ACS)	50-01	HYDRAULIC PUMP (HI FLOW)	20-01
CONVERSIONS	SPEC-01	HYDRAULIC SYSTEM INFORMATION	20-01
COOLING FAN	70-01	HYDRAULIC/HYDROSTATIC FLUID	
CYLINDER (LIFT)	20-01	SPECIFICATIONS	SPEC-01
CYLINDER (POWER BOB-TACH)	20-01	HYDRAULIC/HYDROSTATIC SYSTEM	10-01
CYLINDER (TILT)	20-01	HYDROSTATIC MOTOR	30-01
 		HYDROSTATIC PUMP	30-01
DIAGNOSTICS	60-01	HYDROSTATIC SYSTEM INFORMATION	30-01
DRIVE BELT	30-01	 	
DRIVE COMPONENTS	40-01	INSTRUMENT PANEL	60-01
ELECTRICAL SYSTEM INFORMATION	60-01	LIFT ARM	50-01
ELECTRICAL/HYDRAULIC CONTROLS		LIFT ARM BYPASS CONTROL VALVE	20-01
REFERENCE	60-01	LIFT ARM SUPPORT DEVICE	10-01
ENGINE	70-01	LIFTING AND BLOCKING THE LOADER	10-01
ENGINE COMPONENTS AND TESTING	70-01	LIGHTS	60-01
ENGINE COOLING SYSTEM	10-01	LOADER SPECIFICATIONS	SPEC-01
ENGINE LUBRICATION SYSTEM	10-01	LUBRICATION OF THE BOBCAT LOADER	10-01
ENGINE SPECIFICATIONS-		 	
KUBOTA V2003-M-DI-T	SPEC-01	MAIN RELIEF VALVE	20-01
ENGINE SPECIFICATIONS-		MUFFLER	70-01
KUBOTA V2403-M-DI-T	SPEC-01	 	
ENGINE SPEED CONTROL	70-01	OIL COOLER	30-01
EVAPORATOR	80-01	OPERATOR CAB	10-01, 50-01
EVAPORATOR/HEATER UNIT	80-01	OPERATOR SEAT (SUSPENSION)	50-01
EXPANSION VALVE	80-01		

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