

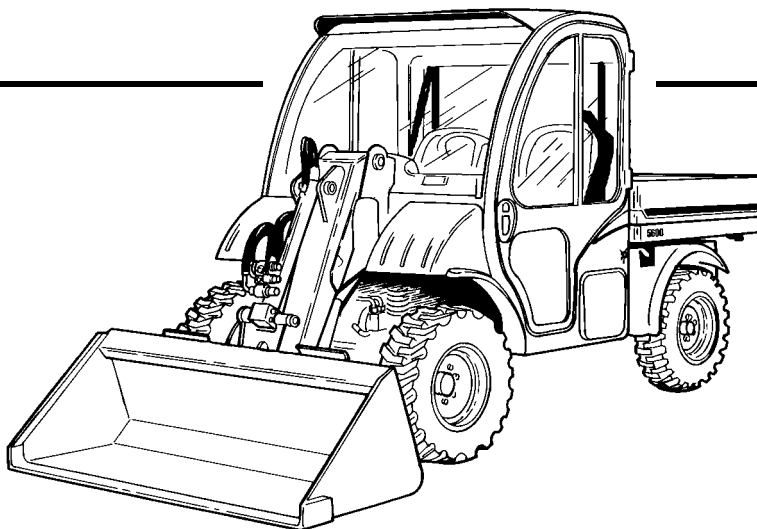
Toolcat™
5600



Bobcat®

Service Manual

S/N 520511001 & Above



**Equipped With Toolcat Interlock
Control System (TICS)**

6901892 (5-09)

Printed in U.S.A.

© Bobcat Company 2009

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 machine without instructions.

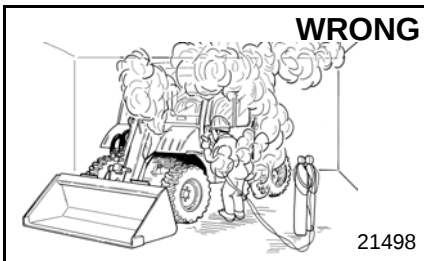
CORRECT



B-21495

⚠ Cleaning and maintenance are required daily.

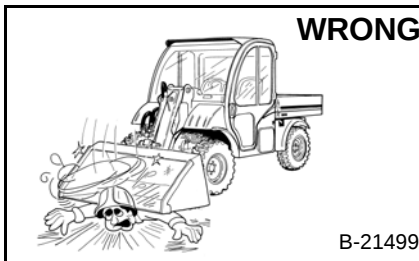
WRONG



21498

- ⚠ 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.

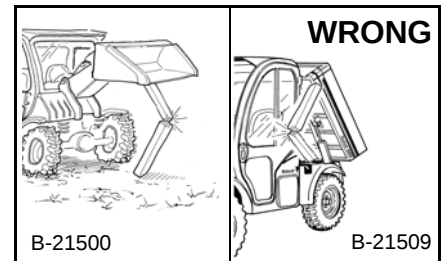
WRONG



B-21499

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

WRONG

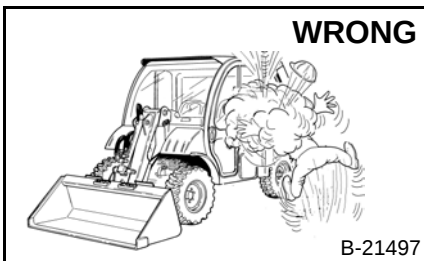


B-21500

B-21509

- ⚠ Never work on the machine with lift arm or cargo box up unless supported by an approved support device. Replace if damaged.
- ⚠ Never modify equipment or add attachments not approved by Bobcat Company.

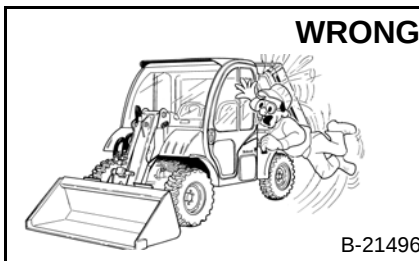
WRONG



B-21497

- ⚠ 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.

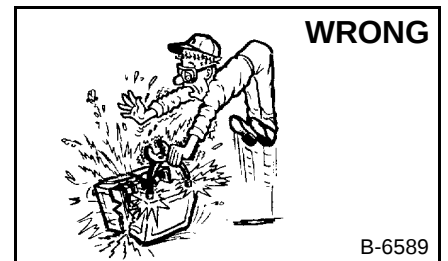
WRONG



B-21496

- ⚠ 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 side access doors closed except for service.

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**.



Bobcat®

ALPHABETICAL INDEX

AIR CLEANER	70-01	GENERAL AIR CONDITIONING SERVICE	
AIR CLEANER SERVICE	10-01	GUIDELINES.....	80-01
AIR CONDITIONING SERVICE.....	80-01		
AIR CONDITIONING SYSTEM FLOW	80-01	HEATER/AC FAN	80-01
ALTERNATOR	60-01	HEATER VALVE	80-01
ARM REST SENSOR	60-01	HITCH.....	50-01
AUXILIARY HYDRAULIC VALVE	20-01	HYDRAULIC FLUID RESERVOIR	20-01
AXLE.....	40-01	HYDRAULIC PUMP	20-01
AXLE/DIFFERENTIAL (FRONT & REAR)	10-01	HYDRAULIC/HYDROSTATIC FILTER	20-01
AXLE HUB WITH AXLE SHAFT	40-01	HYDRAULIC/HYDROSTATIC	
AXLE HUB WITHOUT AXLE SHAFT.....	40-01	FLUID SPECIFICATIONS	SPEC-01
AXLE SHAFT	40-01	HYDRAULIC/HYDROSTATIC SYSTEM.....	10-01
		HYDRAULIC SYSTEM INFORMATION	20-01
BATTERY	60-01	HYDROSTATIC MOTOR	30-01
BOB-TACH	10-01, 50-01	HYDROSTATIC PUMP	30-01
BRAKE.....	40-01	HYDROSTATIC SYSTEM INFORMATION	30-01
CALIBRATION	60-01	INSTRUMENT PANEL.....	60-01
CARGO BOX	50-01		
CARGO BOX SUPPORT DEVICE.....	10-01	LEAF SPRING.....	50-01
CENTER CONSOLE.....	50-01	LIFT ARM	50-01
CHARGE PRESSURE.....	30-01	LIFT ARM BY-PASS CONTROL VALVE.....	20-01
COMPONENTS	80-01	LIFT ARM SUPPORT DEVICE	10-01
COMPRESSOR	80-01	LIFTING AND BLOCKING THE LOADER.....	10-01
CODENSER.....	80-01	LIGHTS	60-01
CONTROL LEVER (JOYSTICK).....	20-01	LUBRICATION.....	10-01
CONVERSIONS	SPEC-01		
COOLING FAN	70-01	MAIN RELIEF VALVE	20-01
CYLINDER (CARGO BOX).....	20-01	MUFFLER.....	70-01
CYLINDER (LIFT).....	20-01		
CYLINDER (TILT)	20-01	OIL COOLER.....	30-01
		OPERATOR CAB	10-01, 50-01
DIAGNOSTICS	60-01	OPERATOR SEAT	50-01
DISPLAY CONTROLLER.....	60-01		
DRIVE BELT	30-01	PARKING BRAKE.....	40-01
DRIVE CONTROLLER	60-01	PASSENGER SEAT	50-01
		PILOT VALVE	20-01
ELECTRICAL SYSTEM INFORMATION	60-01	PORT BLOCK.....	30-01
ENGINE	70-01	PORT RELIEF	20-01
ENGINE COMPONENTS AND TESTING	70-01	POWER STEERING PUMP	20-01
ENGINE COOLING SYSTEM.....	10-01		
ENGINE LUBRICATION SYSTEM.....	10-01	RPM SENSOR	70-01
ENGINE SPECIFICATIONS	SPEC-01	RADIATOR	70-01
ENGINE SPEED CONTROL	70-01	RECEIVER/DRIER	80-01
EVAPORATOR/HEATER UNIT	80-01	RECONDITIONING THE ENGINE	70-01
EXPANSION VALVE	80-01	REGULAR MAINTENANCE	80-01
		REMOTE START	10-01
FENDER (FRONT LEFT).....	50-01	REMOTE HYDRAULICS DIVERTER VALVE	20-01
FENDER (FRONT RIGHT)	50-01		
FENDER (REAR LEFT).....	50-01		
FENDER (REAR RIGHT).....	50-01		
FLOOR CONSOLE	50-01		
FLYWHEEL AND HOUSING	70-01		
FRONT AUXILIARY HYD. COUPLER BLOCK.....	20-01		
FUEL SYSTEM	10-01		
FUEL TANK.....	50-01		

Continued On Next Page

It's a preview. You can download the full file by clicking the link below.

<https://shop servicemanual.com/>

Service Manuals from 2\$