

Tool Operating Manual

i08155392

M0085527 - 469-7627 C-Frame Lifting Assembly (NEHS0976)

SMCS Code: 0374; 0599; 0629; 0632; 0700

Hydraulic Shovel

6030 (S/N: DHL1-UP)
6030 FS (S/N: DHG1-UP)

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Introduction

This manual contains safety information, operation instructions, and maintenance information and should be stored with the tool group.

The information, specifications, and illustrations in this publication are based on information that was available at the time that the publication was written. The specifications, torques, pressures, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service that is given to the product. Obtain the complete and most current information before you start any job.

Some photographs or illustrations in this publication may show details that can be different from your service tool due to updates. Guards and covers might have been removed for illustrative purposes.

Caterpillar cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this publication and on the product, are therefore, not all inclusive. If a tool, procedure, work method, or operating technique that is not recommended by Caterpillar is used, the operator is responsible for ensuring that the procedures used are safe. The operator must also be sure that the product will not be damaged or made unsafe by any unspecified procedures.

NOTICE

Illustration 1

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Do not operate or perform any lubrication, maintenance, or repair on this product until you have read and understand the operation lubrication, maintenance, and repair information.

When replacement parts are required for this product, Caterpillar recommends using Cat replacement parts or parts with equivalent specifications including, but not limited to physical dimensions, type, strength, and material.

Whenever a question arises regarding your service tool or this publication, contact the Global Dealer Solutions Network hotline at:

USA: 1-877-228-2420

International: 1-309-578-7372

Safety Information

Most accidents that involve product operation, maintenance, and repair are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. The operator should also have the necessary training, skills, and tools to perform these functions properly.

Safety precautions and warnings are provided in this manual and on the product. If these hazard warnings are not heeded, bodily injury or death could occur to you or to other persons



Illustration 2

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Improper operation, lubrication, maintenance, or repair of this product can be dangerous and could result in injury or death.

Safety Signal Words

The following safety signal words can be found throughout this publication. Review the image below to understand the severity of bodily harm that can occur during certain operational steps. Refer to “ANSI Z535.1-2002 - American National Standard For Safety Color Code” and “ANSI Z535.6-2011- American National Standard - Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials” for more information.

	DANGER INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.
	WARNING INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.
	CAUTION INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY.
	NOTICE IS USED TO ADDRESS PRACTICES NOT RELATED TO PHYSICAL INJURY.
	SAFETY INSTRUCTION (OR EQUIVALENT) SIGNS INDICATE SPECIFIC SAFETY-RELATED INSTRUCTIONS OR PROCEDURES.

Illustration 3

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Tool Image

There are specific safety messages on this tool. The exact location of the hazards and the description of the hazards are reviewed in this section. Become familiarized with all safety messages.

Make sure that all the safety messages are legible. Clean the safety messages or replace the safety messages if you cannot read the words. Replace the illustrations if the illustrations are not visible. When you clean the safety messages, use a cloth, water, and soap. Do not use solvent, gasoline, or other harsh chemicals to clean the safety messages. Solvents, gasoline, or harsh chemicals could loosen the adhesive that secures the safety message. Loose adhesive will allow the safety message to fall.

Replace any safety message that is damaged, or missing. If a safety message is attached to a part that is replaced, install a safety message on the replacement part. Any Cat dealer can provide new safety messages.

Do Not Operate

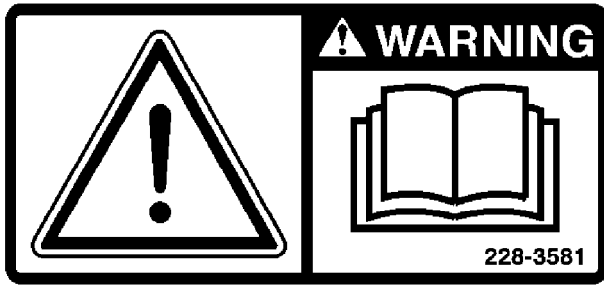


Illustration 4

g00934493

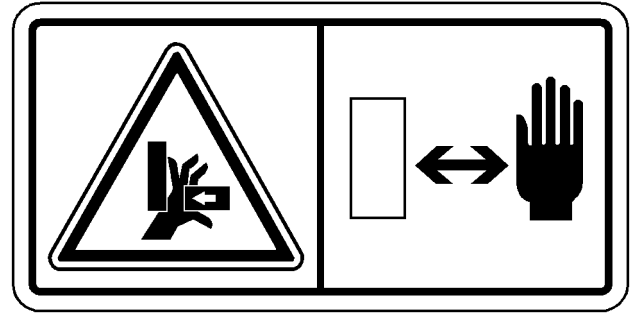


Illustration 6

g06346348



Illustration 5

g06350515

Warning - Do not operate or work on this machine unless you have read and understand the instruction and warning in the Operation and Maintenance Manuals. Failure to follow the instructions or heed the warnings could result in injury or death. Contact and Cat dealer for replacement manuals. Proper care is your responsibility.

Crush -Hand



Illustration 7

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Warning - Crush Point/Stay Clear

Mandatory Action and Personal Protection Identification

The personal protective equipment symbols shown in this section are all not used with this tool. Read and understand the manual fully to know which personal protective equipment should be used during tool operation. Always use the appropriate personal protective equipment when operating the tool.