

SAFETY.CAT.COM™

BEFORE OPERATION

Operation and Maintenance
Manual Excerpt



Operation and Maintenance Manual

279C, 289C and 299C Compact Track Loaders

MBT1-Up (279C)
JMP1-Up (289C)
JSP1-Up (299C)

Operation Section

i02546973

Before Operation

Mounting and Dismounting

i02601969

SMCS Code: 7000

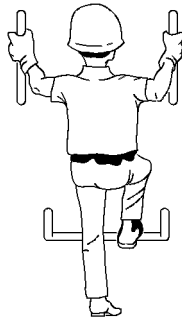


Illustration 23
Typical example

g00037860

Mount the machine and dismount the machine only at locations that have steps and/or handholds. Before you mount the machine, clean the steps and the handholds. Inspect the steps and handholds. Make all necessary repairs.

Face the machine whenever you get on the machine and whenever you get off the machine.

Maintain a three-point contact with the steps and with the handholds.

Note: Three-point contact can be two feet and one hand. Three-point contact can also be one foot and two hands.

Do not mount a moving machine. Do not dismount a moving machine. Never jump off the machine. Do not carry tools or supplies when you try to mount the machine or when you try to dismount the machine. Use a hand line to pull equipment onto the platform. Do not use any controls as handholds when you enter the operator compartment or when you exit the operator compartment.

Daily Inspection

SMCS Code: 1000; 7000

NOTICE

Accumulated grease and oil on a machine is a fire hazard. Remove this debris with steam cleaning or high pressure water, at least every 1000 hours or each time any significant quantity of oil is spilled on a machine.

Note: For maximum service life of the machine, make a thorough daily inspection before you operate the machine. Inspect the machine for leaks. Remove any debris from the engine compartment and the undercarriage. Ensure that all guards, covers, and caps are secured. Inspect all hoses and belts for damage. Make the needed repairs before you operate the machine.

Perform the following procedures on a daily basis.

- Operation and Maintenance Manual, "Backup Alarm - Test"
- Operation and Maintenance Manual, "Cooling System Level - Check"
- Operation and Maintenance Manual, "Engine Oil Level - Check"
- Operation and Maintenance Manual, "Equipment Lowering Control Valve - Check"
- Operation and Maintenance Manual, "Fuel System Primary Filter (Water Separator) - Drain"
- Operation and Maintenance Manual, "Hydraulic System Oil Level - Check"
- Operation and Maintenance Manual, "Lift Arm and Cylinder Linkage - Lubricate"
- Operation and Maintenance Manual, "Quick Coupler - Clean/Inspect"
- Operation and Maintenance Manual, "Seat Belt - Inspect"
- Operation and Maintenance Manual, "Tilt Cylinder Bearings and Bucket Linkage Bearings - Lubricate"
- Operation and Maintenance Manual, "Tire Inflation - Check"
- Operation and Maintenance Manual, "Vacuator Valve - Clean/Inspect"
- Operation and Maintenance Manual, "Wheel Nuts - Tighten"

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- Operation and Maintenance Manual, “Work Tool - Lubricate”
 - Operation and Maintenance Manual, “Work Tool Mounting Bracket - Inspect”

Refer to the Maintenance Section for the detailed procedures. Refer to the Maintenance Interval Schedule for a complete list of scheduled maintenance.