TEN00775-01

Operation & Maintenance Manual

BULLDOZER

D51EXi -24
D51PXi -24

SERIAL NUMBERS 10001 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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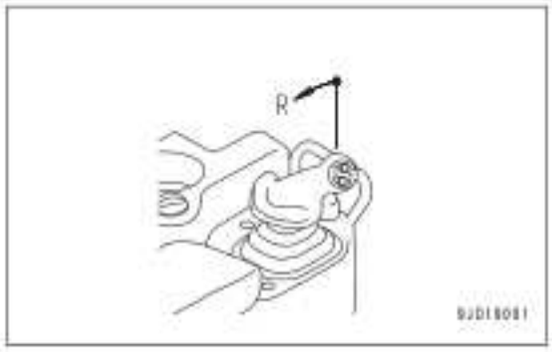
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METHOD FOR OPERATING TO TRAVEL REVERSE WHILE USING AUTOMATIC BLADE CONTROL

1. Set the joystick (steering, directional and gear shift lever) to REVERSE position (R).

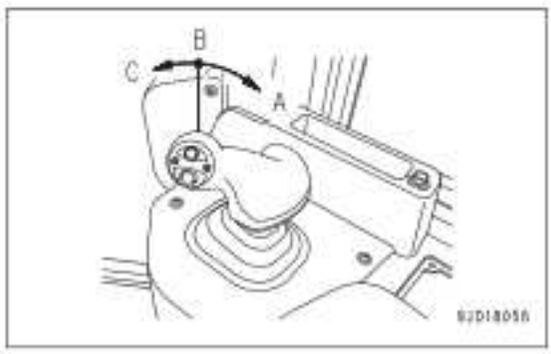


2. Perform RAISE trigger operation.
   1) Move the blade control lever to RAISE direction (A) once and return it to NEUTRAL position (B).

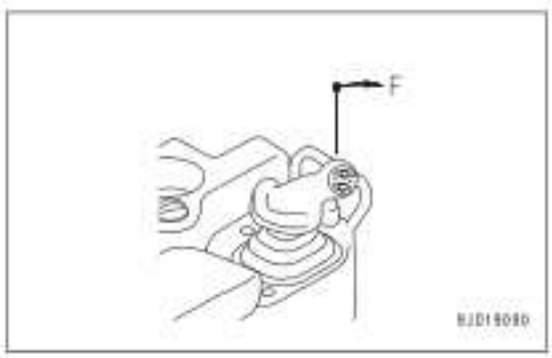
      The blade automatically rises to the certain height.

      REMARK

      - While the machine is traveling or stopped, the blade automatically rises with RAISE trigger operation. Move the blade control lever to LOWER direction (C) to cancel it.
      - When the back grade mode is turned on, even if RAISE trigger operation is performed, the blade does not raise to specific height automatically.



3. Drive the machine in reverse to a place where the blade automatic control starts again.
4. Place the joystick (steering, directional and gear shift lever) in FORWARD position (F), and perform LOWER trigger operation.



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PRECAUTIONS FOR LONG-TERM STORAGE

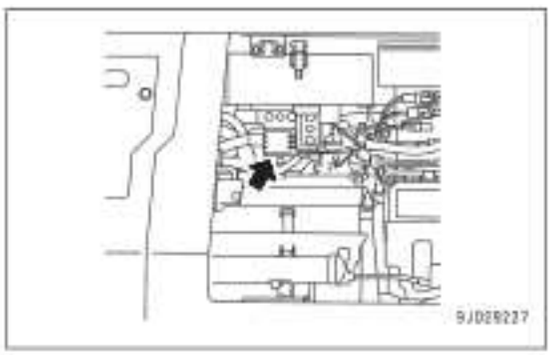
For the method of long-term storage (1 month or more), see Operation and Maintenance Manual for the standard machine, "OPERATION", "PRECAUTIONS FOR LONG-TERM STORAGE".

Handling method of the battery disconnect switch for this machine is different from that of the standard machine.

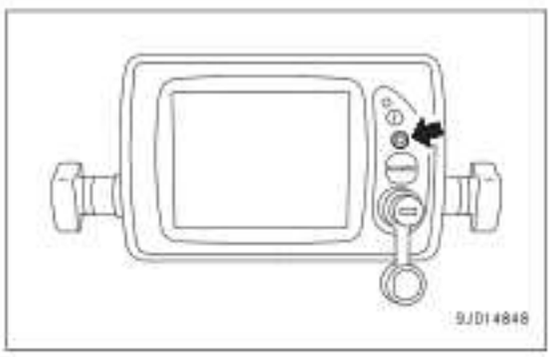
TURN BATTERY DISCONNECT SWITCH TO OFF POSITION BEFORE LONG-TERM STORAGE

Before reading this section, see Operation and Maintenance Manual for the standard machine "OPERATION", "BATTERY DISCONNECT SWITCH".

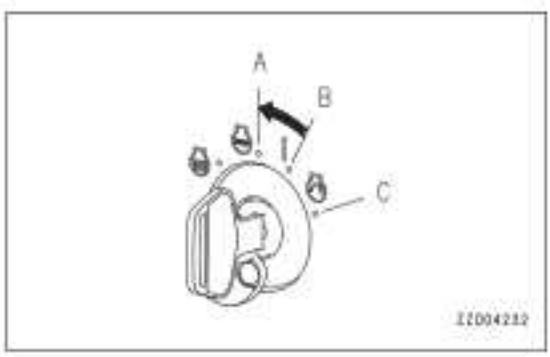
The battery disconnect switch is in the hydraulic oil inspection cover on the left side of the machine.



1. Press the power supply OFF switch (red) to turn off the control box power.



2. Turn the starting switch to OFF position (A).



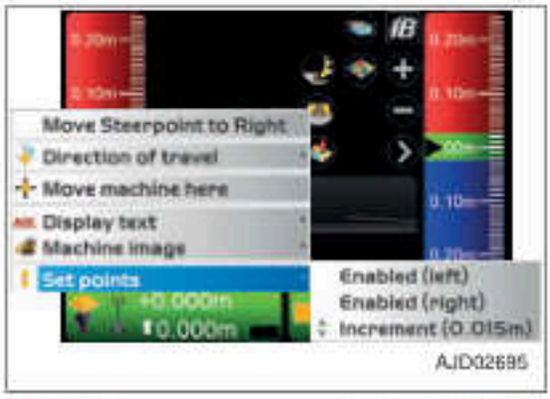
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METHOD FOR ADJUSTING CUT/FILL OFFSETS (POP-UP MENU)

By using the pop-up menu, you can adjust the cut/fill offset quantity setting quickly from the main window.

1. Hold down any point of the main window.
2. Press "Enabled (left)" in "Set points".

   "Cut/Fill offsets" is displayed at the bottom left of the screen.

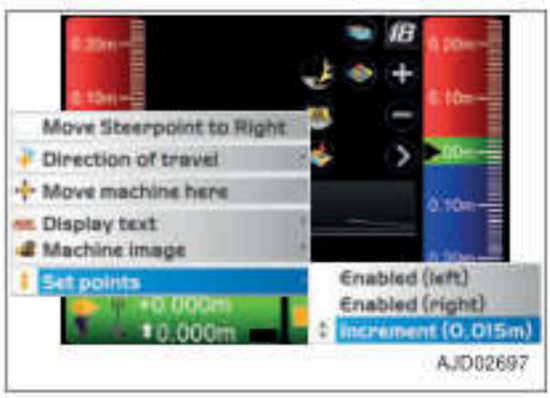


3. Press "Cut/Fill offsets", change the cut/fill offsets quantity setting, and adjust the cut/fill amount.



4. Hold down any point of the main window.
5. Press "Increment" (** m) in "Set points".

   You can set intervals of increase/decrease when "Cut/Fill offsets" is pressed.



REMARK

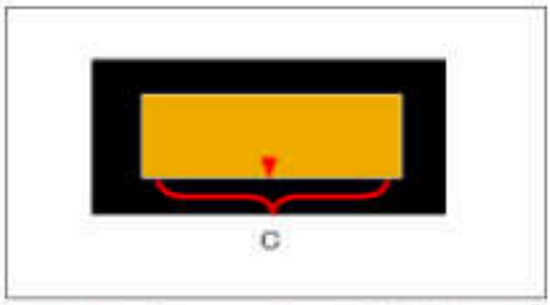
If you press "Enabled (right)" in "Set points", "Cross slope adjustment" is displayed.
You can adjust the lateral slope angle of Surface freely to a certain angle by pressing "Cross slope adjustment".



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3. When setting the blade control point to any point of the blade edge, press any point (in the range of (C)) of the blade edge at the top of the screen.
4. Press "Move control".







WHEN YOU CHANGE BLADE CONTROL POINT ON BLADE CONTROL SCREEN

When "Control using single point on blade" is selected, you can change the blade control point by using the slider button or the right/left arrow on "Blade Control" screen.

1. On "Blade Control" screen, check "Control using single point on blade".
2. Select 1 point apart from the right/left of the blade by moving the slider button to the right/left or by using the right/left arrow.
3. Press "Ok".

   This blade control point is applied to the machine.



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