TEN00688-00

Operation & Maintenance Manual

BULLDOZER

D155AXi-8

SERIAL NUMBERS 100040 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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PRECAUTIONS FOR MAINTENANCE

PRECAUTIONS FOR CHECK AND MAINTENANCE

- When performing the check and maintenance of the machine, turn the automatic control of blade OFF and turn the control box power supply OFF.
  If you perform the check while control box power supply is ON, and you touch the Auto/Manual switch accidentally, the automatic control of blade may be turned ON , and the blade start moving, resulting in serious personal injury or death.
- Only when performing the check and adjustment for the automatic control of blade, turn the control box power supply ON, and perform the check and adjustment. Check that there are no persons or obstacles in the area around the machine.

PRECAUTIONS FOR GNSS ANTENNA

- Cable connector of the GNSS antenna is looseness-free structure. Check is not needed.
- If the GNSS antenna contacts with obstacles during operation or traveling, and it has to be checked and replaced, ask your Komatsu distributor.
- There is a danger of falling or tipping over that can lead to serious personal injury or death. Do not get on the cab to check the GNSS antenna.

HANDLE COMPONENT WHICH CONTAINS MERCURY

The control box display backlight contains mercury. The machine may be equipped with optional High Intensity Discharge lighting lamps which also may contain mercury. These components must be reused, recycled or properly disposed of in accordance with applicable Local, State and Federal Laws.

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CUT/FILL OFFSETS SWITCH

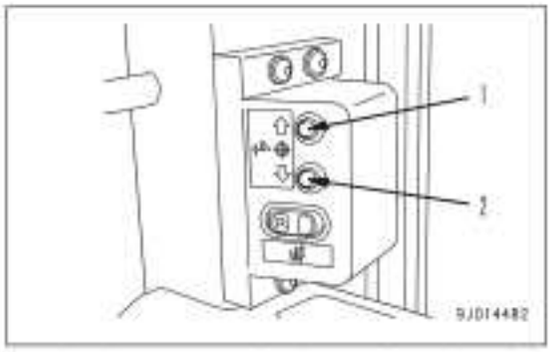
Press the cut/fill offsets switches to adjust the cut/fill offset quantity setting quickly nearby.

The cut/fill offsets switches are located on the right side of the blade control lever.

For details of adjusting of cut/fill offset quantity setting, see "METHOD FOR ADJUSTING CUT/FILL OFFSETS (4-98)".

(1) Cut/fill offsets switch (Up)

(2) Cut/fill offsets switch (Down)



When cut/fill offsets switch (Up) (1) is pressed, cut/fill offset quantity setting increases. (Design surface rises.)

When cut/fill offsets switch (Down) (2) is pressed, cut/fill offset quantity setting decreases. (Design surface lowers.)

The increase/decrease amount when the cut/fill offsets switches are pressed is the same as the setting of the "Cut/Fill offsets" on the control box screen.

For the method of changing the increase/decrease amount, see "METHOD FOR ADJUSTING CUT/FILL OFFSETS (4-102)".

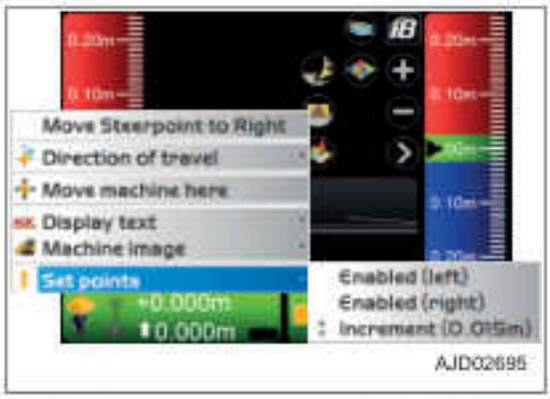
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METHOD FOR ADJUSTING CUT/FILL OFFSETS

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

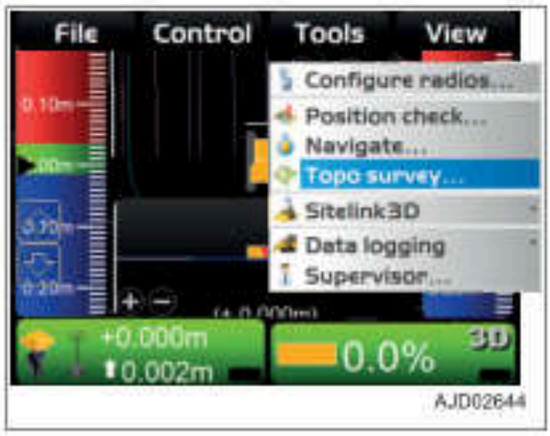
If you press "Enabled (right)" in "Set points", "Cross slope adjustment" is displayed.
You can adjust the lateral slope angle of Surface freely to a certain angle by pressing "Cross slope adjustment".



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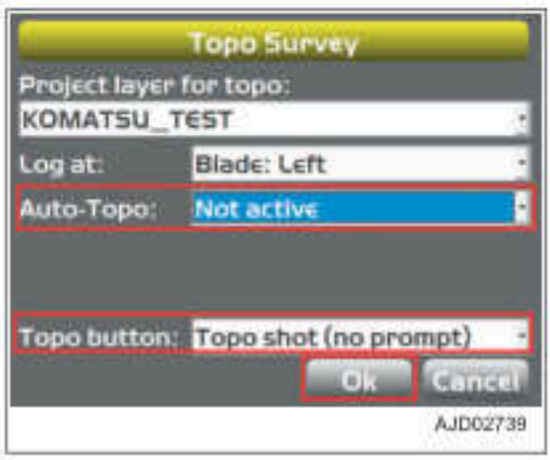
WHEN SELECTING NO PROMPT

1. On the main window, press "iB logo key" and display the main menu.
2. On "Tools" menu, press "Topo survey..." and select.



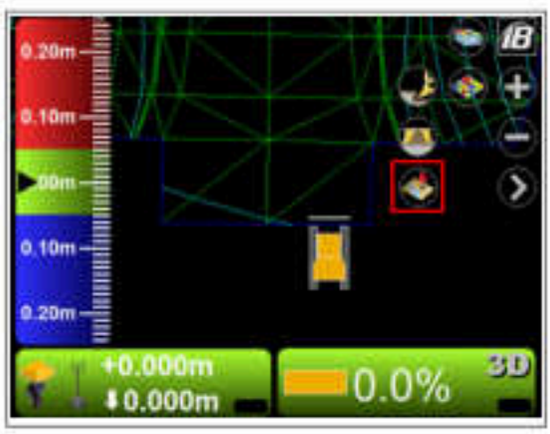
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3. On "Topo Survey" screen, select "Not active" for "Auto-Topo:".
4. Select "Topo shot (no prompt)" of "Topo button:".
5. Press "Ok".



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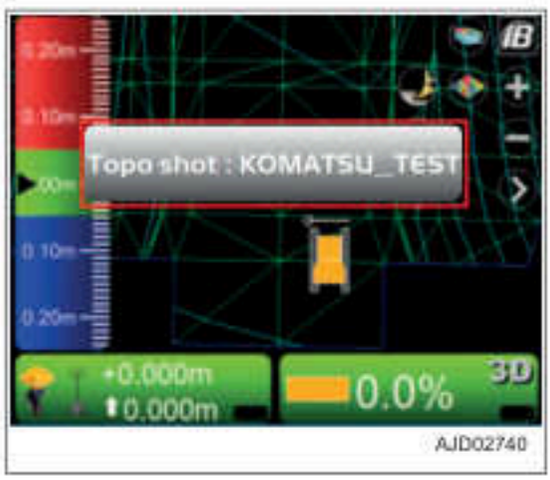
6. On the main window, press "Take a topo shot".



"Auto-Topo:" (information set on detailed position screen) and topographic survey recording are displayed.

For the information set on "Position Details" screen, see "WHEN SELECTING PROMPT FOR DETAILS (4-60)".

(Example) Mark ○ at left end of blade on main window



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