TEN00710-06

Operation & Maintenance Manual

BULLDOZER

D65EXi -18
D65PXi -18

SERIAL NUMBERS 90023 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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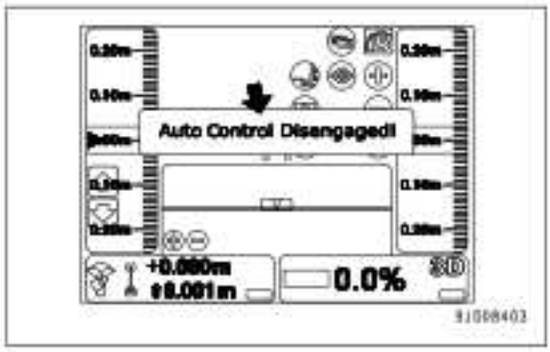
OPERATION

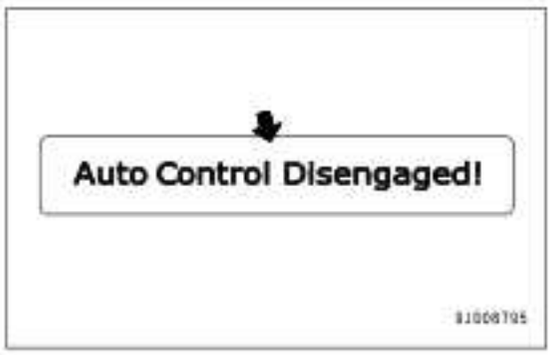
⚠ WARNING

This section describes cautions which are necessary to provide the efficient operation with "intelligent Machine Control".
Please follow the instructions described in the Operation and Maintenance Manual for the standard machine for operation information of the whole machine.

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When the blade automatic control is switched from on to off, pop-up message "Auto Control Disengaged!" is displayed on the control box screen.



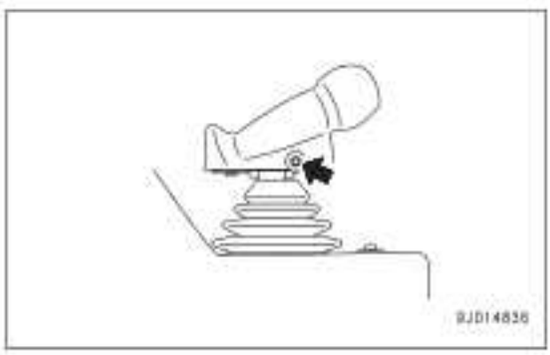


REMARK

While "AUTO" is not displayed on the control box screen, the blade automatic control is not turned on.
When you restart the blade automatic control, press the Auto/Manual switch again to display "AUTO" on the control box screen.

When the blade automatic control is automatically turned off

In the following conditions, even if Auto/Manual switch is not pressed, the blade automatic control is automatically turned off.



- When the machine is stopped for 30 seconds or more
- When the blade edge protrudes out of the designed range.
- The number of GNSS satellites which can receive the radio waves is decreased.
- When the radio waves from the base station cannot be received.
- When the starting switch of the machine is turned to OFF position.
- If there is an abnormality in the system such as open circuit, etc.

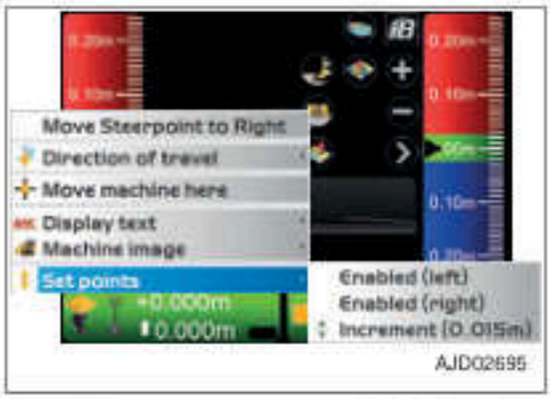
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METHOD FOR ADJUSTING CUT/FILL OFFSETS (POP-UP MENU)

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.

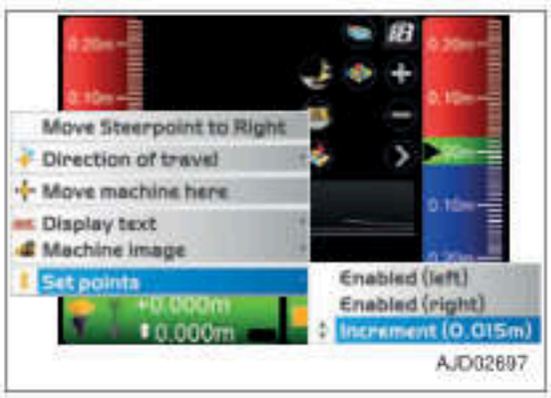


3. Press "Cut/Fill offsets", change the cut/fill offsets quantity setting, and adjust the cut/fill amount.



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.



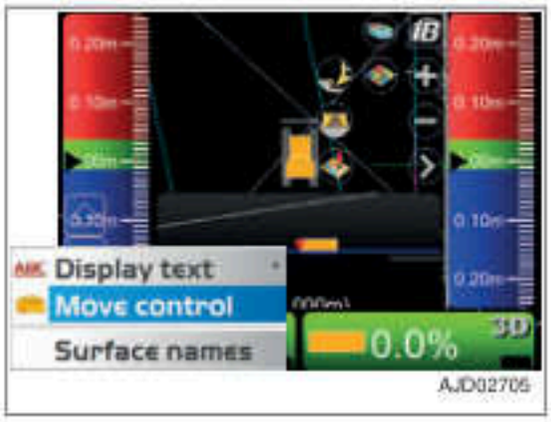
REMARK

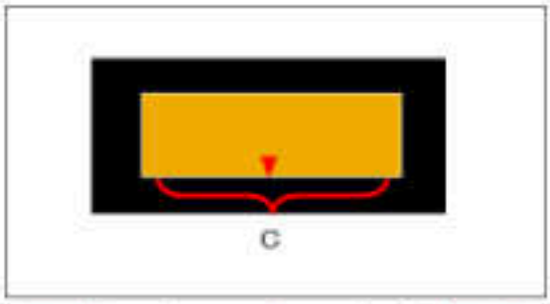
If you press "Enabled (right)" in "Set points", "Cross slope adjustment" is displayed.
You can adjust the lateral slope angle of Surface freely to a certain angle by pressing "Cross slope adjustment".



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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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