TEN00779-01

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC360LCi-11

SERIAL NUMBERS 90311 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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Intelligent Machine Control EQUIPMENT STATE CAUTION LAMP



The intelligent Machine Control equipment state caution lamp warns about abnormality of intelligent machine control equipment such as sensor.

When action level "L04" is displayed

The caution lamp lights up in red and the alarm buzzer sounds continuously.

Stop the machine immediately, and have the inspection and maintenance performed.

Ask your Komatsu distributor for an inspection and maintenance.

When action level "L03" is displayed

The caution lamp lights up in red and the alarm buzzer sounds intermittently.

Stop the operation, move the machine to a safe place, and have the inspection and maintenance performed.

Ask your Komatsu distributor for an inspection and maintenance.

When action level "L01" is displayed

The caution lamp lights up in yellow.

Intelligent machine control equipment has a trouble.

The intelligent Machine Control cannot be performed but other work than the intelligent Machine Control can be performed, since the intelligent Machine Control function is limited.

If this caution lamp does not go out, ask your Komatsu distributor for inspection and maintenance.

Intelligent Machine Control SYSTEM STATE CAUTION LAMP



the intelligent Machine Control system state caution lamp warns about abnormality of intelligent machine control system such as controller connecting condition.

Action level "L04"

The caution lamp lights up in red and the alarm buzzer sounds continuously.

Stop the machine immediately, and have the inspection and maintenance performed.

Ask your Komatsu distributor for an inspection and maintenance.

Action level "L03"

The caution lamp lights up in red and the alarm buzzer sounds intermittently.

Stop the operation, move the machine to a safe place, and have the inspection and maintenance performed.

Ask your Komatsu distributor for an inspection and maintenance.

When action level "L01" is displayed

The caution lamp lights up in yellow.

Sensor related to the intelligent Machine Control has a trouble.

The intelligent Machine Control cannot be performed but other work than the intelligent Machine Control can be performed, since the intelligent Machine Control function is limited.

If this caution lamp does not go out, ask your Komatsu distributor for inspection and maintenance.

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CONTROL POINT SETTINGS

With "Control Points", you can set and edit the Control Point.

Tap "Control Points" button, and the screen changes to the setting and editing screen of "Control Points".



CONTROL POINT SETTING CONTENTS

Function of "Control Points" setting is as follows.

Contents displayed in "Control Points" setting

(1) "Name": Name of Control Point

(2) "H.Error": Error in horizontal direction

(3) "V.Error": Error in vertical direction

Contents controlled by "Control Points" setting

(4) "Add": Adds Control Point.

(5) "Edit": Edits Control Point.

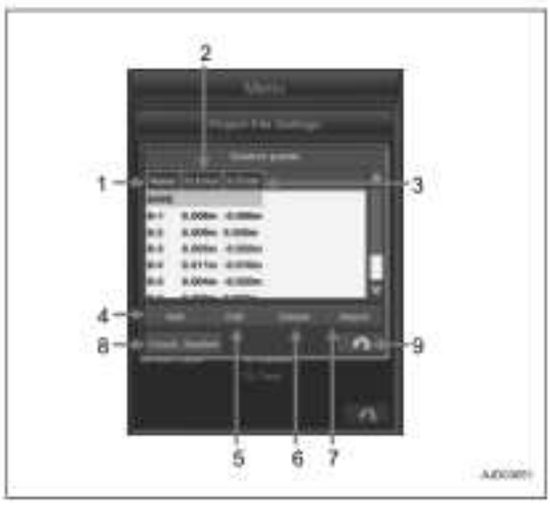
(6) "Delete": Deletes Control Point.

(7) "Import": Imports Control files from USB flash drive.

(8) "Coord. System": Sets coordinates system at jobsite.

(9) RETURN button: Returns the screen to the previous screen.

ENTER button: Saves the setting.



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BOOM FINE CONTROL ADJUSTMENT

In the "Semi-auto limited digging mode", the work equipment movement or the accuracy of operation may differ depending on the bucket weight.

Optimum control is obtained by changing the setting to be complied with the weight of actual bucket installed.

Perform the adjustment of this section if the "Bucket Weight Setting" is changed. This adjustment result is saved by each selected bucket weight.

This adjustment enables the bucket control to be Optimum even if the bucket is changed within the same weight setting range.

REMARK

Setting change of this item cannot be performed while "Semi-auto limited digging mode" is enabled. Change the mode to the manual mode, and perform the setting.

Select the "Boom Fine Control Adjustment" (c) on the "MC Setting" screen, and press the switch "F6".

F3: Moves to the next item (1 line below). When it is on the last line, it moves to the first line.

F4: Moves to the previous item (1 line above). When it is on the first line, it moves to the last line.

F5: Returns the display to the standard screen.

F6: Executes the selected item.



METHOD FOR ADJUSTING BOOM FINE CONTROL

⚠ WARNING

Boom moves automatically while executing the adjustment. Ensure the safety of the surrounding before start executing.

1. Adjust the hydraulic oil temperature so that it is within the range of (A).

   Hydraulic oil temperature should be within the range of 40 °C {104 °F} to 60 °C {140 °F} (A) in order to execute the adjustment.

   Also, the working mode should be either P or ATT/P.

   Cancel the auto-deceleration.



2. Select the "Adjustment Execute" (1) on the "Boom Fine Control Adjustment" screen of "MC Setting", and press the switch "F6".

   F3: Moves to the next item (1 line below). When it is on the last line, it moves to the first line.

   F4: Moves to the previous item (1 line above). When it is on the first line, it moves to the last line.

   F5: Returns the display to "MC Setting" screen.

   F6: Executes the selected item.

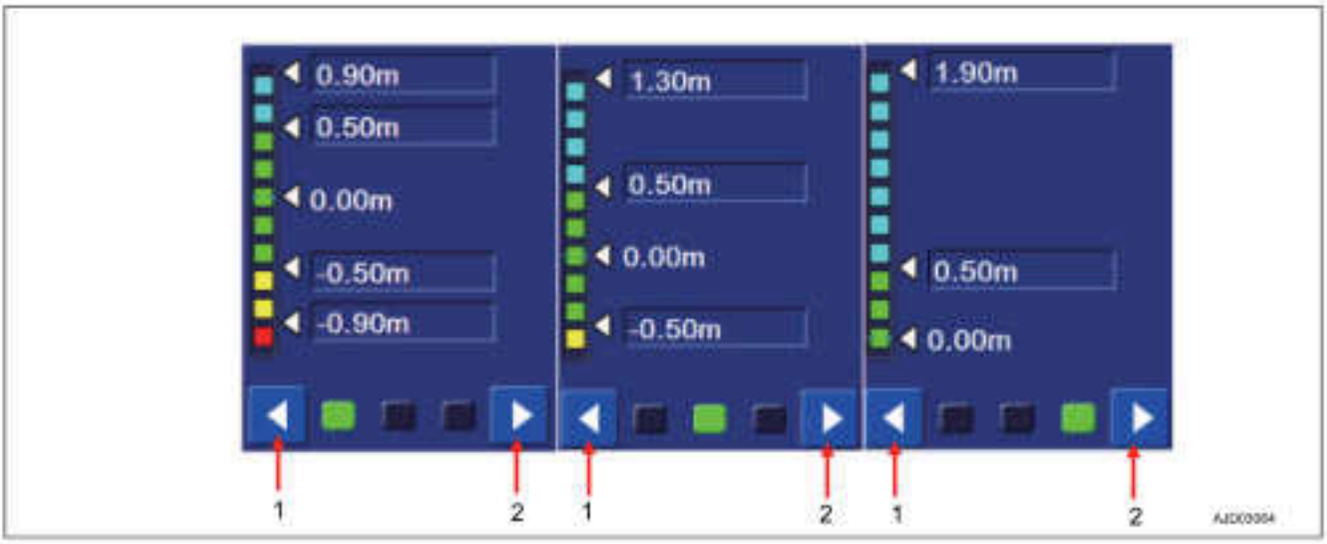


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METHOD FOR CHANGING LIGHT BAR DISPLAY RANGE IN ROUGH DIGGING MODE

Tap the buttons (1) and (2), and you can change the display range of Light Bar.

You can select the display range from the following 3 patterns.



METHOD FOR SETTING SOUND VOLUME

1. You can set the volume of the Sound for each color of the Light Bar.

   Tap the button (1) and the volume decreases.

   Tap the button (2) and the volume increases.

   REMARK

   Each time the button (1) or (2) is tapped, the green indicator decreases or increases.



2. There are 2 green tolerances of the Light Bar, and the Sound Volume can be set separately for the position of the bucket edge either above Surface or below Surface.

   (3): The volume can be set in the case that the bucket edge is within the green range of the Light Bar, and above the Surface.

   (4): The volume can be set in the case that the bucket edge is within the green range of the Light Bar, and below the Surface.



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SCREEN LAYOUT SETTINGS

With "Display Options", you can set and edit for following items.

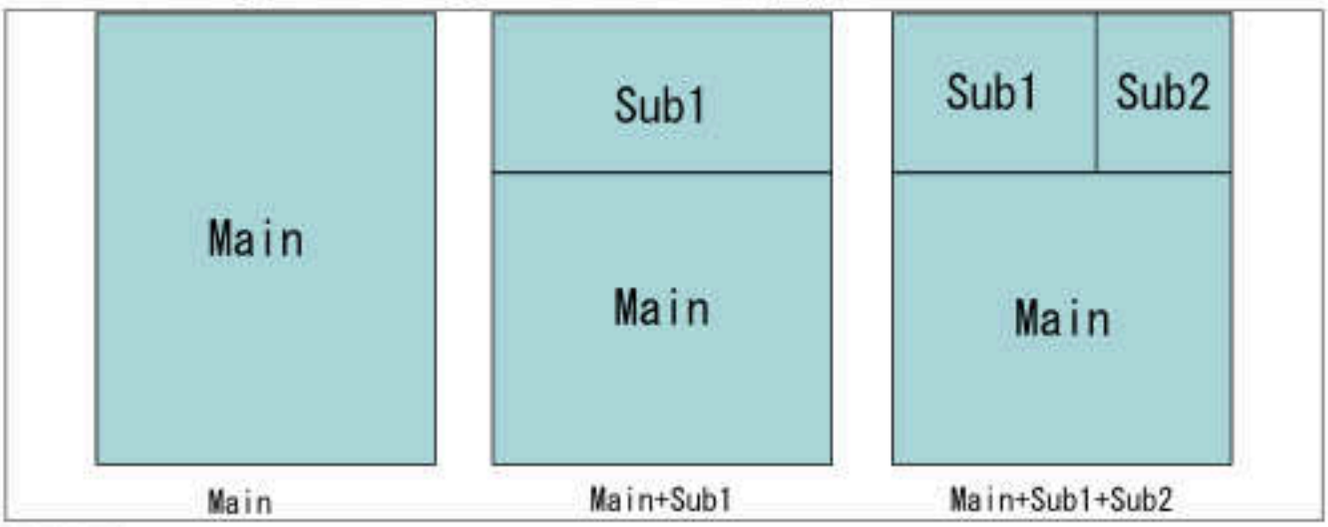
Perform the layout setting of the working screen.

Tap "Screen Layout" button on "Display Options" screen, the screen changes to the layout setting screen of the working screen.



SCREEN LAYOUT

You can select the layout of the working screen from the following 3 types.



REMARK

When Drive mode is selected, you cannot set the Screen Layout of "Main+Sub1+Sub2"

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