TEN00751-00

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC360LCi-11

SERIAL NUMBERS 90156 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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METHOD FOR STARTING CONTROL BOX

⚠ WARNING

Do not operate the control box during the operation of the work equipment in order to prevent unexpected accident from occurring. Also, do not gaze the control box during the operation of the work equipment.

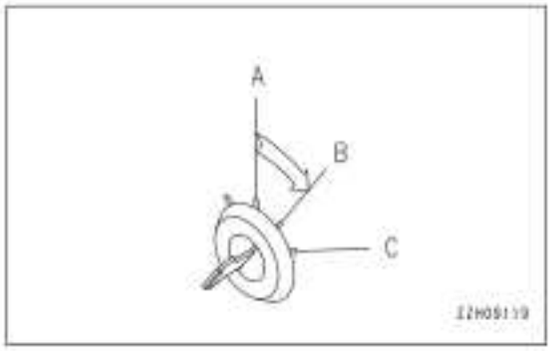
NOTICE

Start the engine when starting the control box to prevent the battery discharge.

Set the machine to the parking posture defined in the Operation and Maintenance Manual of standard machine when starting the control box. After that, check the precautions when starting engine, secure the safety, and then start the control box.

The starting of the control box is completed after the Project files and Setting files are downloaded. The working screen (main screen) is displayed after the starting is completed.

1. Turn the starting switch of the machine to ON position (B).
   (While starting switch is in ON position, control box screen starts.)



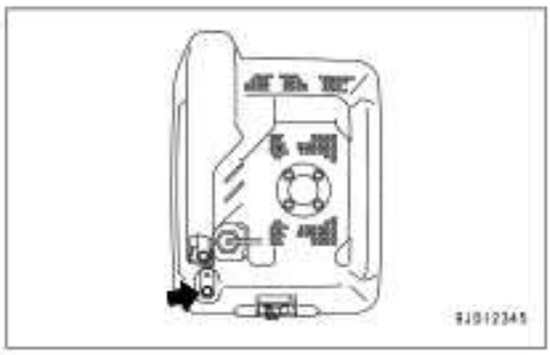
2. Control box starts automatically.

NOTICE

Do not turn the starting switch to OFF position before starting of control box is completed. This may cause failures of the control box. Before turning the starting switch to OFF position, make sure that the starting of control box is completed.
Also, do not turn the starting switch to ON position while control box is in finishing after starting switch is turned to OFF position, nor repeat ON/OFF of starting switch, because such operation may cause the failures of control box.

REMARK

Power supply of control box can be shut down from application menu while starting switch is in ON position. Keep pressing the power button at the rear of control box for approximately 20 seconds to turn on the power supply in order to restart the control box.
Turn the starting switch to OFF position and ON position when restarting the control box due to freeze, etc.



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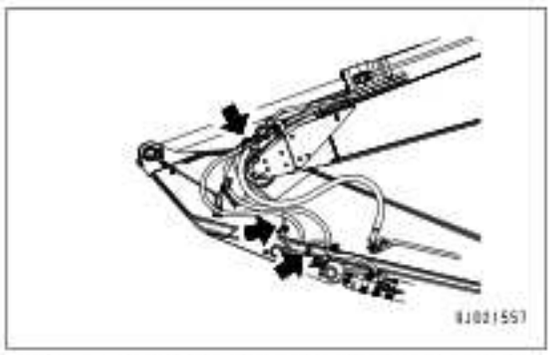
MAINTENANCE PROCEDURE

EVERY 500 HOURS MAINTENANCE

Maintenance for every 50 and 250 hours should be performed at the same time.

METHOD OF CHECKING LOOSENESS OF BUCKET CYLINDER STROKE SENSOR WIRING HARNESS CLAMP, HARDENING OF RUBBER

Check visually and by touching with hand that there is no loose clamp mounting bolts and no hardening of the rubber for the bucket cylinder stroke sensor wiring harness.
Replacement is required if any trouble is found. Ask your Komatsu distributor for that work.



METHOD OF CHECKING AND CLEANING CYLINDER STROKE SENSOR CASE BOLT

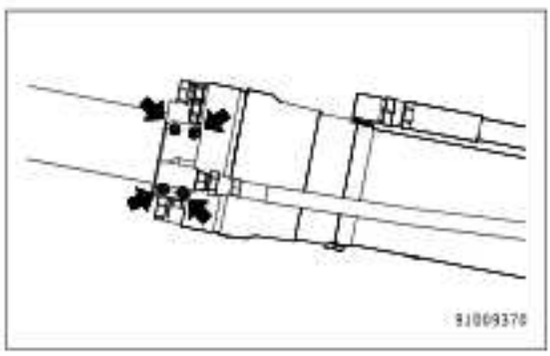
⚠ WARNING

If compressed air, high-pressure water, or steam hits your body directly or dirt is scattered by the compressed air, high-pressure water, or steam, there is a danger of personal injury. Wear protective equipment such as protective eyeglasses and dust mask.

Check if the dirt and dust are accumulated in the hexagonal hole of bolt for cylinder stroke sensor case. If the dirt and dust are accumulated, clean it.

NOTICE

If the dirt and dust accumulated in the hexagonal hole of bolt for sensor case are left without cleaning, the dirt and dust stick and bolt cannot be removed.



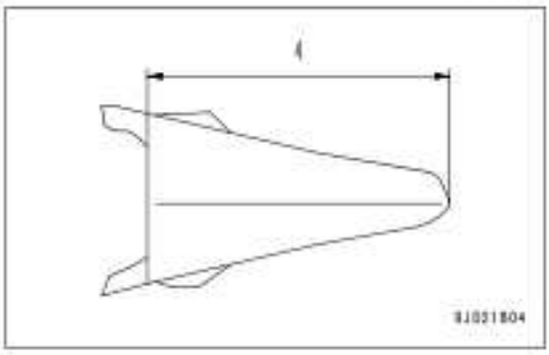
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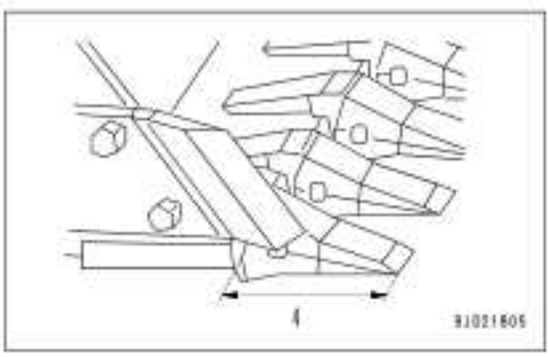
4. Measure the dimension (4).



Dimension (4) is the distance between root and tip of the tooth.

Measure with a tape measure, and input the data.



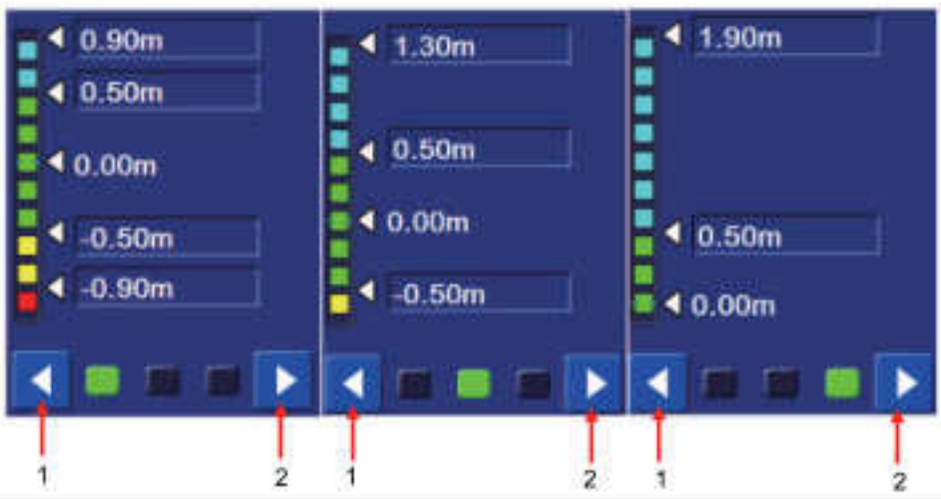


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METHOD FOR CHANGING LIGHT BAR DISPLAY RANGE IN ROUGH DIGGING MODE

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.



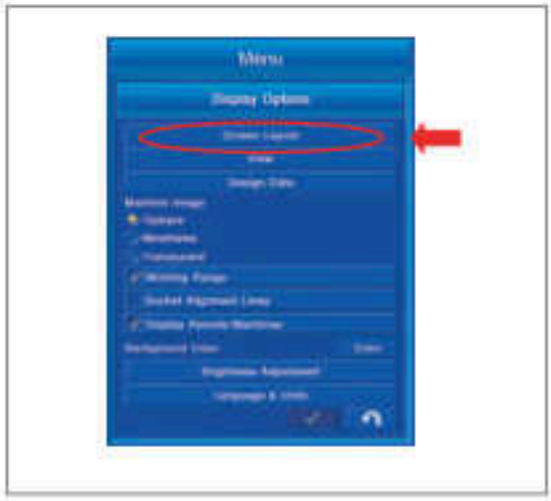
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SCREEN LAYOUT SETTINGS

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

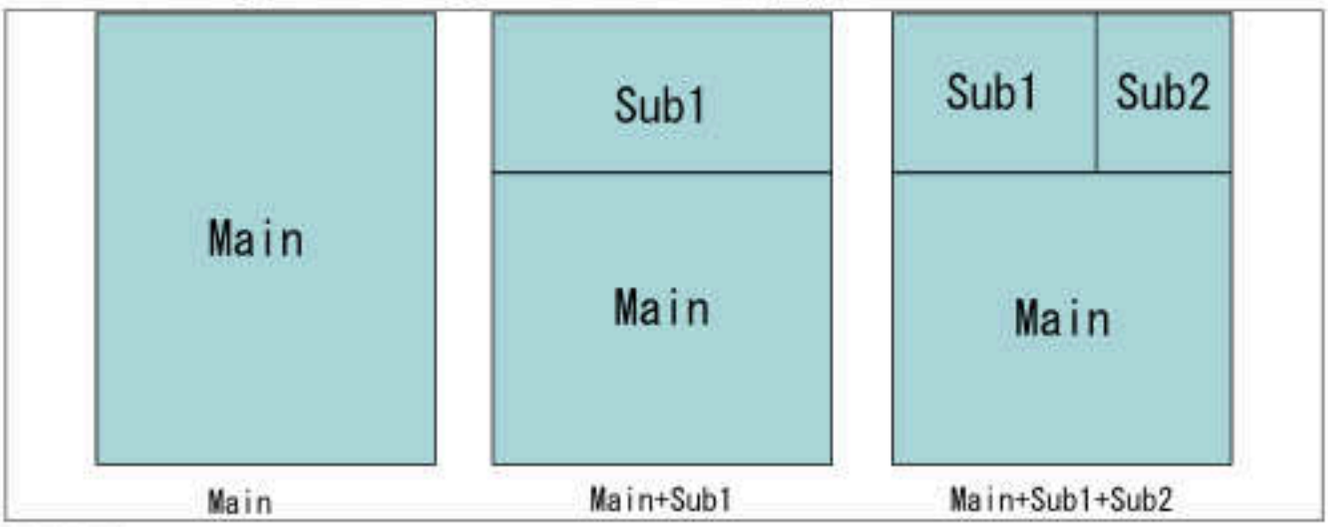
Perform the layout setting of the working screen.

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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