TEN00668-01

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC290LC-11

SERIAL NUMBERS 35001 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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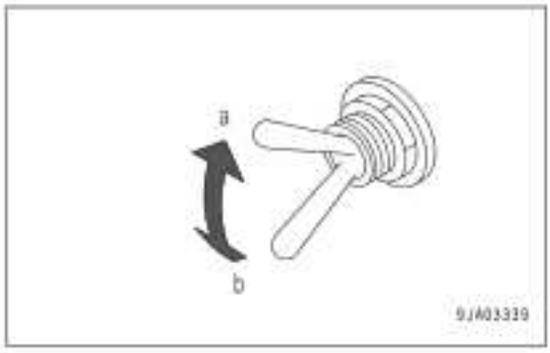
LOCK LEVER AUTOMATIC LOCK CANCEL SWITCH

NOTICE

The lock lever automatic lock cancel switch is used to disable the lock lever automatic lock function and enable the operations of the work equipment and machine temporarily, when the lock lever automatic lock function is abnormal. Use this switch only when the machine or working machine needs to be moved temporarily in an abnormal and emergency condition. Repair the problem as soon as possible.

For details of the lock lever automatic lock function, see "LOCK LEVER (3-105)".

If the lock lever automatic lock function is abnormal, when the lock lever is canceled normally under the condition that the work equipment control lever or travel lever is in neutral position, this function is actuated by mistake and the machine or the work equipment may not move. The machine or the work equipment can be operated temporarily by setting the lock lever automatic lock cancel switch to cancel position (a).



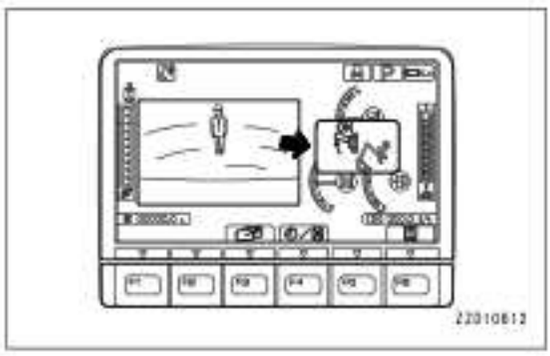
(a) Cancel

When abnormal (switch is set up)

(b) Normal

When normal (switch is pushed down)

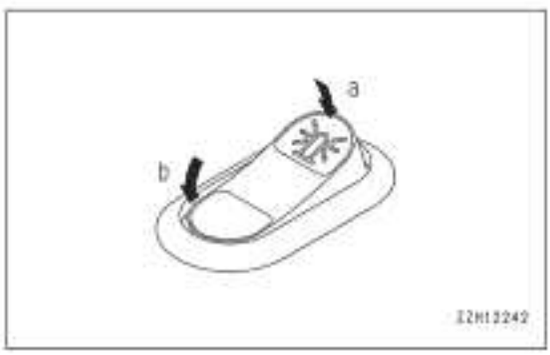
- When the lock lever automatic lock cancel switch is set to cancel position (a), the lock lever automatic lock cancel pilot lamp lights up. At the same time, the mode is displayed in the center of the monitor display, and after 2 seconds, the screen returns to the standard screen.
- After moving the machine or work equipment temporarily by operating this switch, stop the engine, return the switch to normal position (b), and then ask your Komatsu distributor for repair.



REVOLVING LAMP SWITCH

(if equipped)

Revolving lamp switch is used to light up the yellow revolving lamp on top of the cab.



(a) ON

Lights up

(b) OFF

OFF

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EVERY 9000 HOURS MAINTENANCE

Maintenance for every 100, 250, 500, 1000 and 4500 hours service should be performed at the same time.

METHOD FOR REPLACING AdBlue/DEF HOSE

Ask your Komatsu distributor for replacement of the AdBlue/DEF hose.

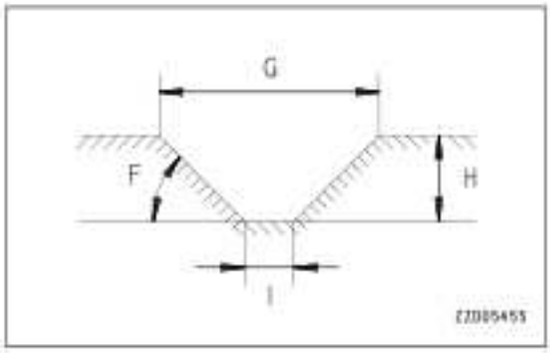
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Ditch slope face angle 40 ° and 38 °

Install the angle plate using the respective ditch slope angle holes, and use the method above for digging.

Even when the angle plate is fitted, keep the line on the bucket side plate perpendicular to the ground face during the digging operation.

Item	Ditch slope face angle (F)	
	40 °	38 °
Digging width (upper face) (G)	3280 mm {10 ft 9 in}	3310 mm {10 ft 10 in}
Digging depth (H)	1230 mm {4 ft 0 in}	1165 mm {3 ft 10 in}
Digging width (bottom face) (I)	350 mm {1 ft 2 in}	330 mm {1 ft 1 in}



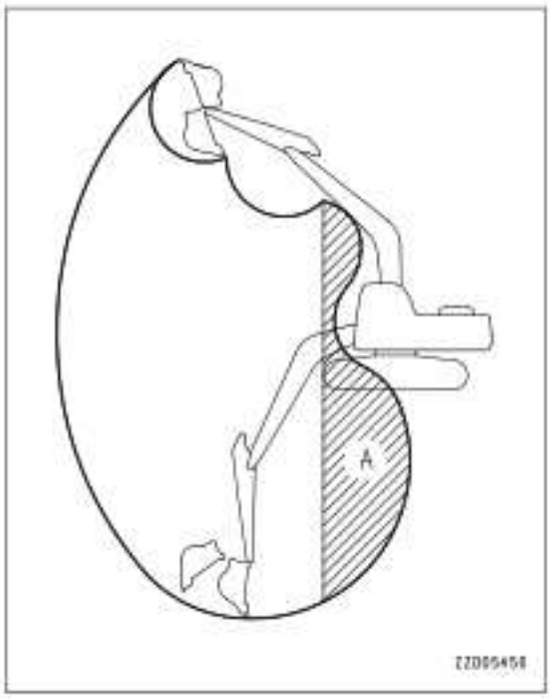
HANDLE EXTENSION ARM

When an extension arm is installed, the bucket will hit the boom cylinder foot and revolving frame when the arm is pulled in, so be extremely careful during operations and when transporting the machine.

(A): Range of prohibited use

- When an extension arm is installed, use a narrow bucket (width: 750 mm{ 2ft 6in }, 560 mm{ 1ft 10in } without side cutters.

  If the standard bucket is used, the stability is poor, and the bucket will also hit the operator's cab when the arm is pulled in, so do not install the standard bucket.
- For operations on hard soil or rock, do not use the extension arm. The service life of the extension arm, boom, and arm will be reduced.



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