TEN00670-03

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC360LC-11

SERIAL NUMBERS 90001 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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FUNCTION SWITCHES

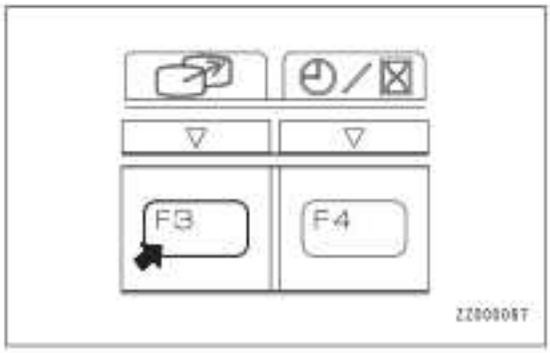
The operation of the function switches in the standard screen

CAMERA IMAGE SELECTOR SWITCH

On the standard screen, you can select a display only for the camera image or a display only for the meter by pressing switch F3.

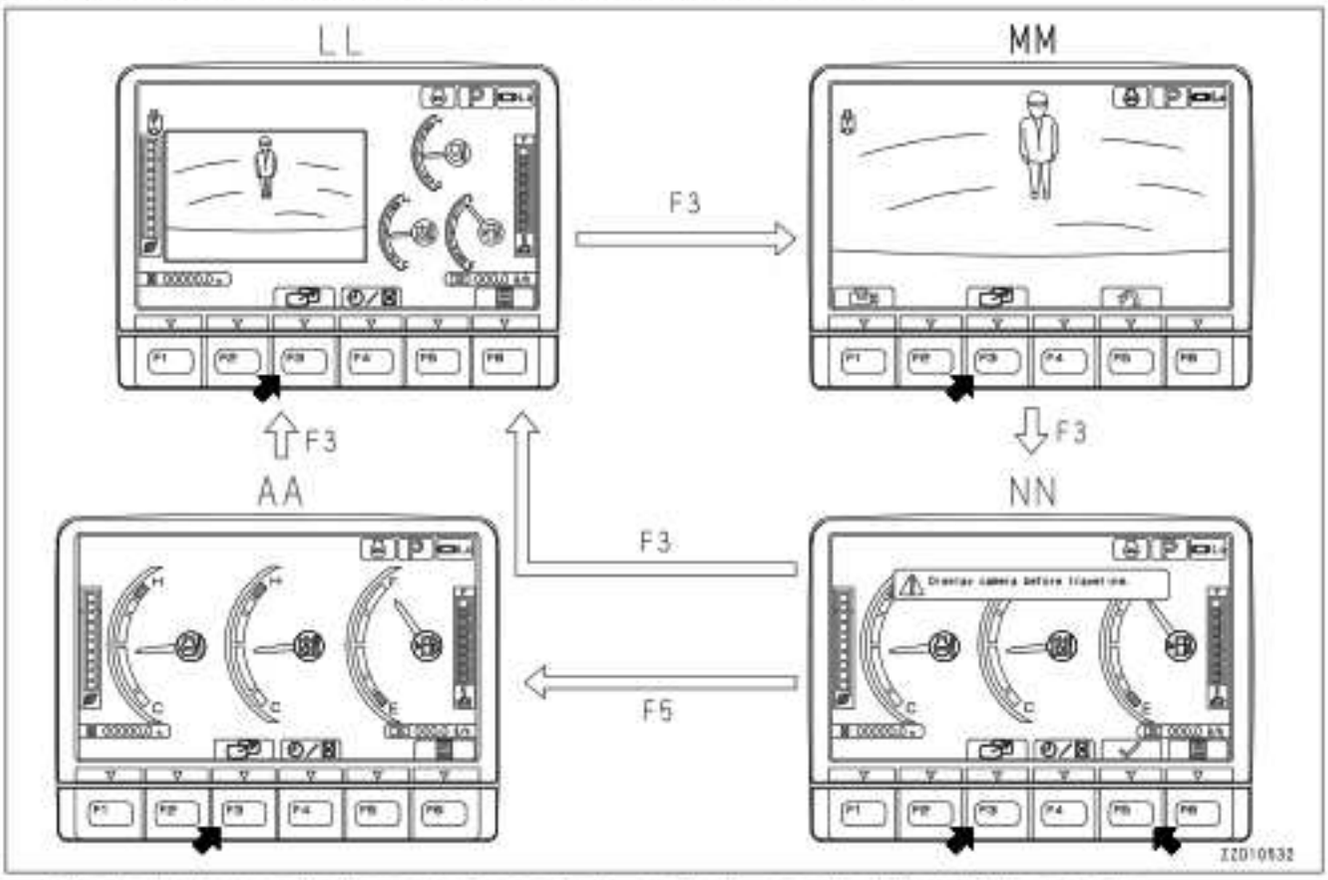
On machines not equipped with a camera, the guidance icon related to switch F3 is not displayed. Even if switch F3 is pressed, the screen will not switch to the camera image display.

A maximum of 3 cameras can be installed. If you want to install another camera, consult your Komatsu distributor.



Operation of camera image display screen

Operate the following for changing the camera image display on the monitor.



- On standard screen LL, the camera image is always displayed on the left part of the monitor.
- On standard screen LL, when switch F3 is pressed, camera image full-screen display MM is displayed. Camera image full-screen display MM is displayed on the entire screen.
- When switch F3 is pressed on camera image full-screen display MM, message screen NN is displayed and no camera image is displayed.
- On message screen NN, when switch F3 is pressed or when no switch is operated for 10 seconds, standard screen LL is displayed.
- On message screen NN, when switch F5 is pressed, the message disappears and meter display screen AA is displayed.

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MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER

On the machine equipped with a hydraulic breaker, the hydraulic oil and grease deteriorate faster than in normal bucket digging operations, so set the maintenance intervals as follows.

Replace hydraulic filter element

On a new machine, replace the element after the first 100 to 150 hours, then perform further replacement of the element according to the table.

Change of oil in hydraulic tank

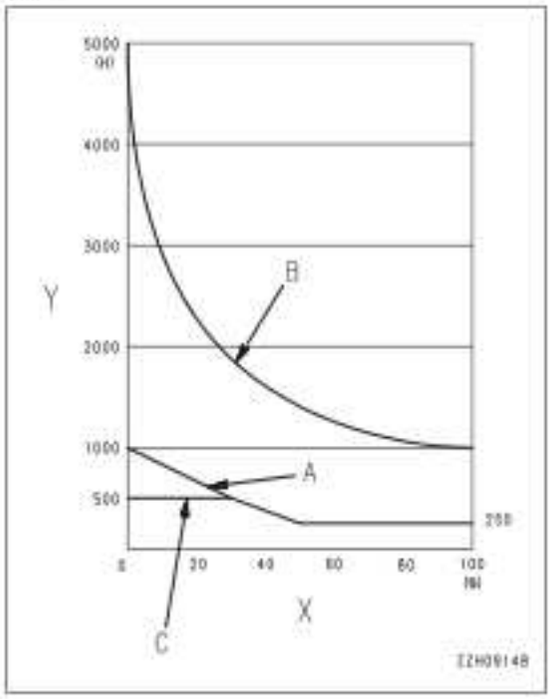
Change the oil according to the table.

Replace additional filter element for breaker (if equipped)

Use a guideline of 250 hours for use of the breaker (operating ratio of the breaker: 50% or more), and replace the element according to the table.

Replace pilot filter element (if equipped)

Use a guideline of 250 hours for use of the breaker (operating ratio of the breaker: 50% or more), and replace the element according to the table.



X: Breaker operating ratio (%)
Y: Replacement interval (H)
(A):Hydraulic tank element, pilot filter element
(B):Hydraulic oil
(C):Element of additional filter

For detail, see "METHOD FOR REPLACING ADDITIONAL FILTER ELEMENT FOR BREAKER (6-18)" and "METHOD FOR REPLACING ADDITIONAL PILOT FILTER ELEMENT FOR BREAKER (6-19)".

REMARK

Breaker operating ratio 100% means that only the breaker is used
Breaker operating ratio 0% means that the breaker is not used

Lubrication

When the hydraulic breaker is equipped, lubricate the machine on 100-hour intervals. For detail, see "METHOD FOR LUBRICATING (4-52)".

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SPECIFICATIONS

Hydraulic specifications

- Max. flow at merge: 265×2 ℓ/min
- Safety valve relief set pressure of service valve
  Port A: 21.6 MPa{220 kg/cm^2,3130 PSI} (other than B mode)
  Port B: 24.5 MPa{250 kg/cm^2,3560 PSI} (other than B mode)
- Safety valve cracking pressure of service valve
  Port A: 17.2 MPa{175 kg/cm^2,2490 PSI} (other than B mode)
  Port B: 20.1 MPa{205 kg/cm^2,2920 PSI} (other than B mode)
- Safety valve relief set pressure of service valve: 21.6 MPa{220 kg/cm^2,3130 PSI} (B mode)
- Cracking pressure of safety valve of service valve: 17.2 MPa{175 kg/cm^2,2490 PSI} (B mode)

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