TEN00390-03

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC45MR-3
PC55MR-3

SERIAL NUMBERS PC45MR- 6001 and up
PC55MR- 16001

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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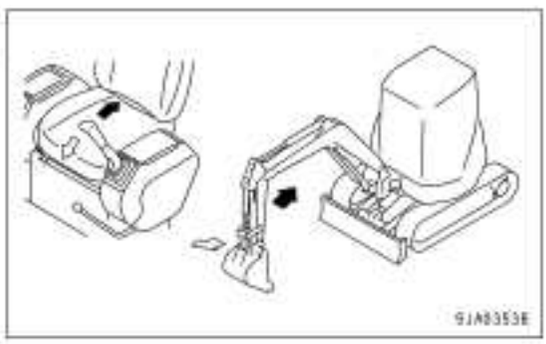
WORK EQUIPMENT CONTROLS AND OPERATIONS

⚠ WARNING

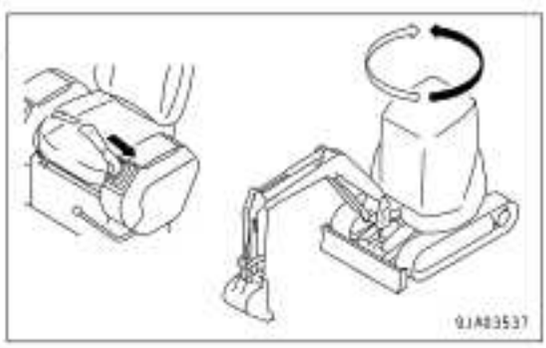
For operation modes other than the standard one (ISO pattern), refer to the chapter of ATTACHMENTS AND OPTIONS in this manual.

Use the control levers to operate the work equipment.
Note that when the levers are released, they return to the HOLD position and the work equipment is held in that position.

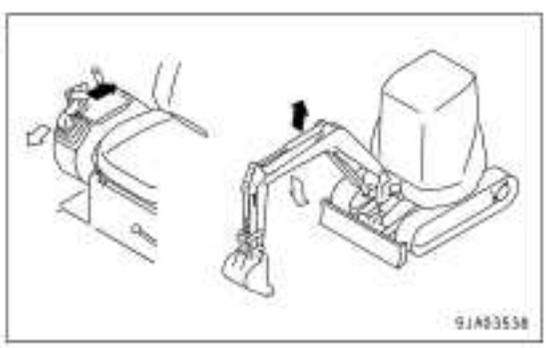
- Arm control
  Move the left work equipment control lever to the front or rear to operate the arm.



- Swing control
  Move the left work equipment control lever to the left or right to swing the upper structure.



- Boom control
  Move the right work equipment control lever to the front or rear to operate the boom.

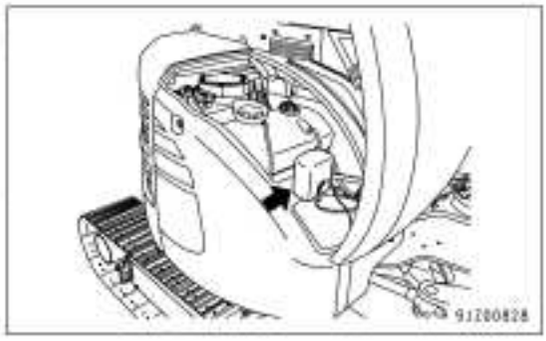


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CHECK WINDOW WASHER FLUID LEVEL, ADD FLUID

(Machine equipped with cab)

If there is air in the window washer fluid, check the level of the fluid in window washer tank. Add automobile window washer fluid if necessary.



REMARK

Open the dirt cover. For details, see "MUD COVER (PAGE 3-27)".

When adding fluid, be careful not to let any dust get in.

Mixture Ratio of Pure Washer Fluid and Water

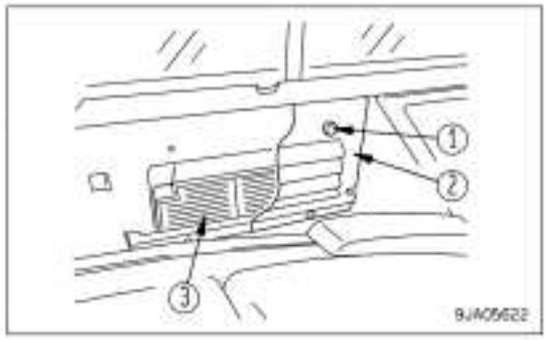
The proportion differs according to the ambient temperature, so dilute the washer fluid with water to the following proportions before adding.

Area, season	Proportions	Freezing temperature
Normal	Washer fluid 1/3: water 2/3	-10°C (14°F)
Winter in cold area	Washer fluid 1/2 : water 1/2	-20°C (-4°F)
Winter in extremely cold area	Pure washer fluid	-30°C (-22°F)

There are two types depending on the freezing temperature:
-10°C (14°F) (general use) and -30°C (-22°F) (cold area use), select according to the area and season.

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1. Loosen knob (1), then remove filter inspection cover (2).
2. Remove filter (3).
3. Clean the filter (3) with compressed air.
   If there is oil on the filter (3) or it is extremely dirty, wash it in water containing a neutral agent.
   After washing the filter, dry it thoroughly before using it.



REMARK
If the clogging of the filter cannot be removed by blowing it with compressed air or washing in water, replace the filter with a new one.

4. Install cover (2) in position.

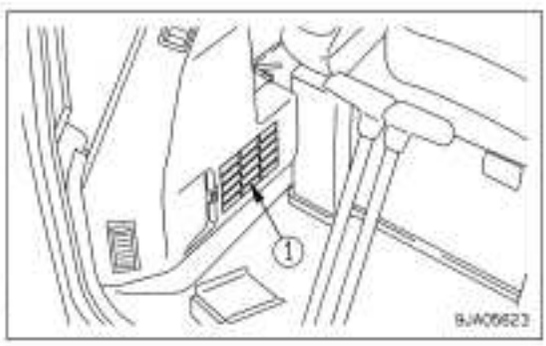
Clean Air Conditioner RECIRC Filter

WARNING

If compressed air scattered around dust and debris, there is danger of injury. Always wear protective equipment such as protective glasses and mask.

NOTICE
As a guideline, the filters should be cleaned every 500 hours, but on dusty jobsites, clean the filters more frequently.

1. Pull out filter (1) to the front.
2. Clean with compressed air in the same way as for the fresh air filter.
   If the filter is extremely dirty, rinse it in water.
   After rinsing the filter, dry it completely before installing it again.



REMARK
If the clogging of the filter cannot be removed by blowing it with compressed air or washing in water, replace the filter with a new one.

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