TEN00116-05

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

GALEO

PC200-8 PC200LC-8
PC220-8 PC220LC-8

SERIAL NUMBERS PC200-300001 and up
PC220- 70001

ecot3

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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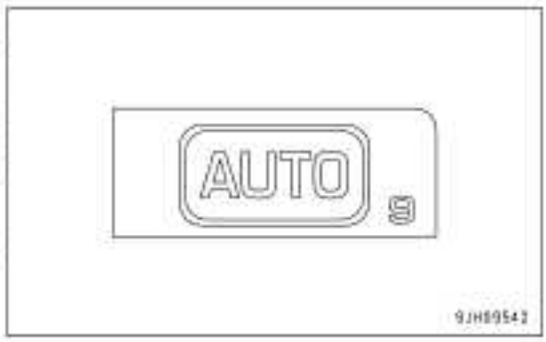
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Auto Switch

With switch (5), the air flow, vents, and air source (RECIRC/FRESH) are automatically selected according to the set temperature.

- Press switch (5), then use temperature control switch (3) to set the temperature, and run the air conditioner under automatic control.
- When switching from automatic operation to manual operation, it is possible to use the switches to select the vents and air source (RECIRC/FRESH).



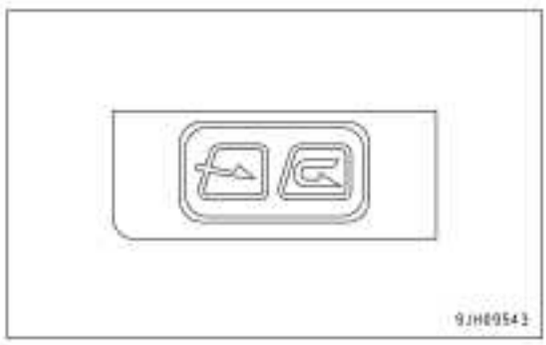
REMARK

When Auto Mode is selected, if the set temperature is set to 18.0 °C (64.4 °F) or 32.0 °C (89.6 °F), the air flow is always set to High, but this is not a problem.

FRESH/RECIRC Selector Switch

Switch (6) is used to switch the air source between recirculation of the air inside the cab and intake of fresh air from the outside.

- During automatic operation, the selection of inside air (RECIRC) and outside air (FRESH) is performed automatically.

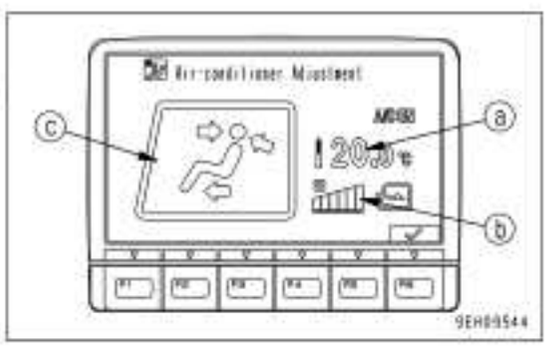


RECIRC	Outside air is shut off and only air inside the cab is circulated. Use this setting to perform rapid cooling of the cab or when outside air is dirty.
FRESH	Outside air is taten into the cab. Use this setting to take in fresh air when performing demisting.

Display Monitor

Monitor (7) displays the status of temperature setting (a), air flow (b), and vents (c).

- When OFF switch (1) is pressed, the display of temperature setting (a) and air flow (b) goes out, and operation stops.



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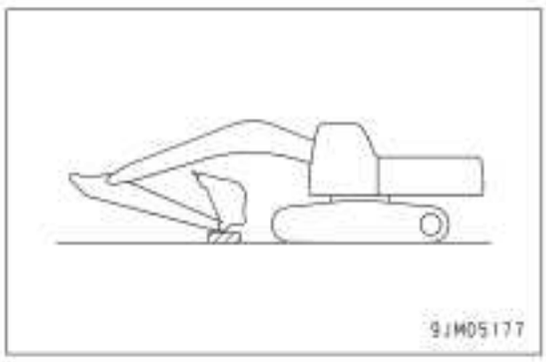
EVERY 100 HOURS MAINTENANCE

LUBRICATING

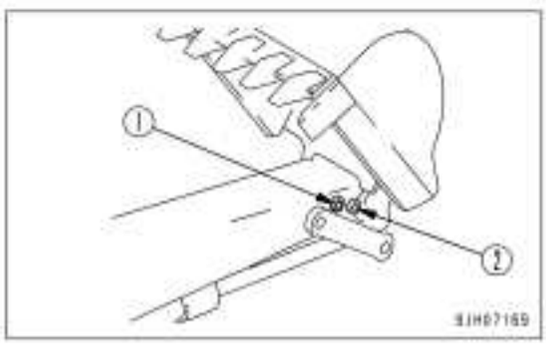
NOTICE

- **If any abnormal noise is generated from any greasing point, carry out greasing regardless of the greasing interval.**
- **Carry out greasing every 10 hours for the first 50 hours on a new machine.**
- **After the machine was subjected to jobs in the water, be sure to grease the wet pins.**

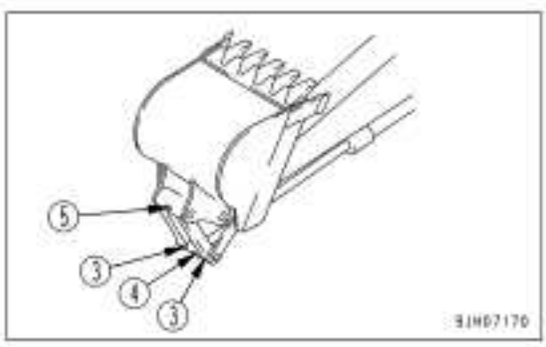
1. Set the machine to the greasing posture shown on the right, lower the work equipment to the ground, then stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



(1) Arm-Link coupling pin (1 place)
(2) Arm - Bucket connection pin (1 place)

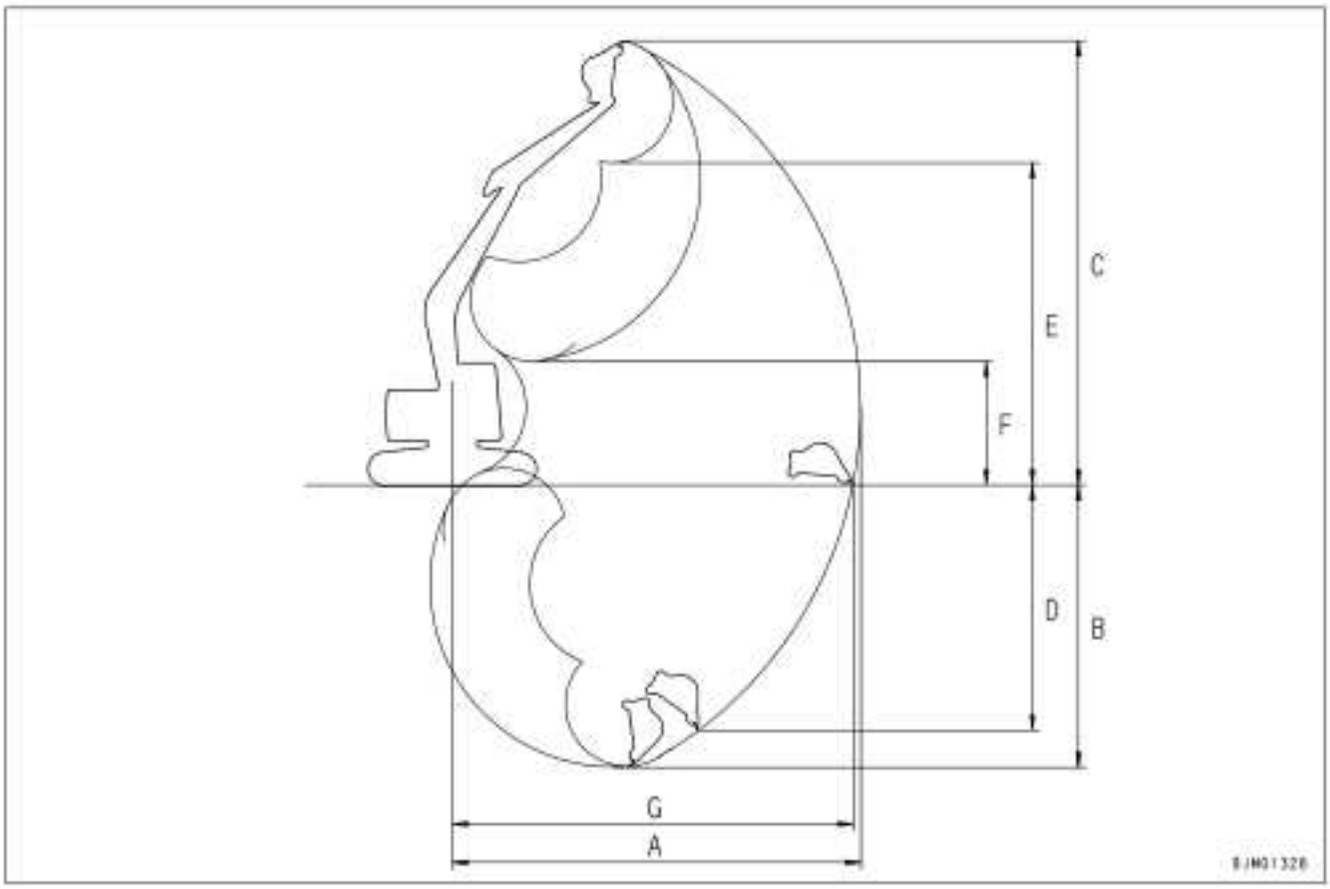


(3) Link coupling pin (2 places)
(4) Bucket cylinder rod pin (1 place)
(5) Bucket-Link coupling pin (1 place)



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	Working ranges	Unit	PC200-8	PC200LC-8	PC220-8	PC220LC-8
A	Max. digging reach	mm (ft in)	9,875 (32' 5")	9,875 (32' 5")	10,180 (33' 5")	10,180 (33' 5")
B	Max. digging depth	mm (ft in)	6,620 (21' 9")	6,620 (21' 9")	6,920 (22' 8")	6,920 (22' 8")
C	Max. digging height	mm (ft in)	10,000 (32' 10")	10,000 (32' 10")	10,000 (32' 10")	10,000 (32' 10")
D	Max. vertical wall depth	mm (ft in)	5,980 (19' 7")	5,980 (19' 7")	6,010 (19' 9")	6,010 (19' 9")
E	Max. dumping height	mm (ft in)	7,110 (23' 4")	7,110 (23' 4")	7,035 (23' 1")	7,035 (23' 1")
F	Min. dumping height	mm (ft in)	2,645 (8' 8")	2,645 (8' 8")	2,530 (8' 4")	2,530 (8' 4")
G	Max. digging reached at ground level	mm (ft in)	9,700 (31' 10")	9,700 (31' 10")	9,700 (31' 10")	9,700 (31' 10")



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