TEN00236-03

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC2000-8

SERIAL NUMBERS 20001 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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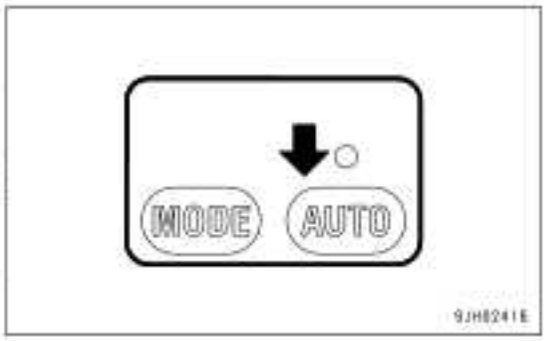
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Auto Switch

This switch (8) automatically changes air volume, vents and air source according to the set temperature.

- When auto switch (8) is pressed, the lamp above the auto switch lights up.
- Press switch (5), then use temperature control switch (3) to set the temperature, and run the air conditioner under automatic control.
- When the control is switched from automatic operation to manual operation, it is possible to operate the to change air flow, vents, and air source (RECIRC/FRESH). When manual control is used, lamp above the auto switch goes out.



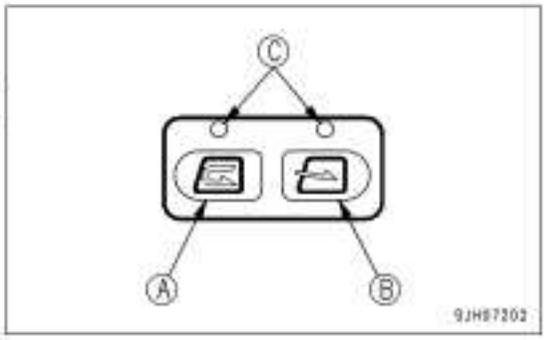
REMARK

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

Use this switch (5) to select circulation of the air inside the cab or intake of fresh air from the outside.

- When RECIRC button (A) or FRESH button (B) is pressed, lamp (C) above the switch lights up to indicate the source of the air flow.
- During automatic operation, the selection of inside air (RECIRC) and outside air (FRESH) is performed automatically.

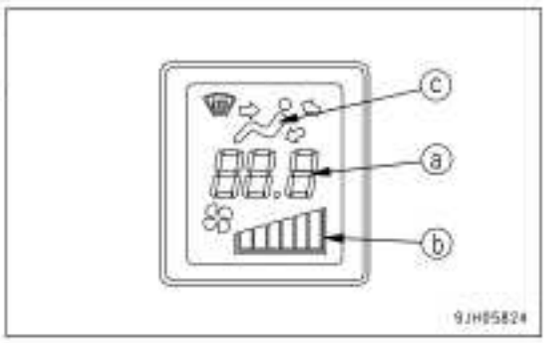


RECIRC	Outside air is shut off and only air inside the cab is circulated. Use this setting to perform rapid cooling of the cab or when outside air is dirty.
FRESH	Outside air is taten into the cab. Use this setting to take in fresh air when performing demisting.

Display Monitor

Display monitor (6) shows temperature setting (a), air flow (b), and vent selection (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 500 HOURS MAINTENANCE

Maintenance for every 250 hours service should be carried out at the same time.

CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE

⚠ WARNING

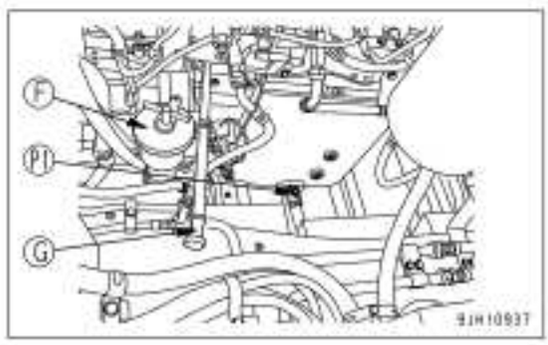
Parts and oil are at high temperature immediately after the engine is stopped and may cause serious burns. Wait for the oil temperature to go down before performing this operation.

NOTICE

- **After the machine has been operated for 6 months, even if it has not been operated for 500 hours, change the engine oil and replace the filter cartridge after 6 months.**

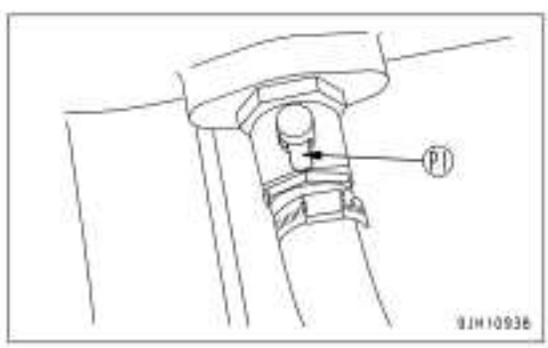
- Refill capacity for oil pan: 130 liter (34.3 USgal)
- Prepare a filter wrench

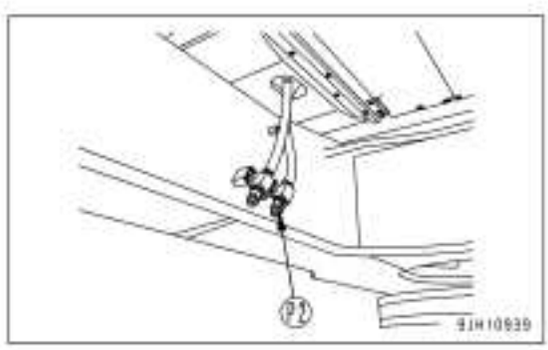
1. Open oil filler (F).



2. Loosen drain valve (P1) in the oil pan. The oil will go down to drain valve (P2).

   P1: Oil pan drain valve
   P2: External takeoff drain valve



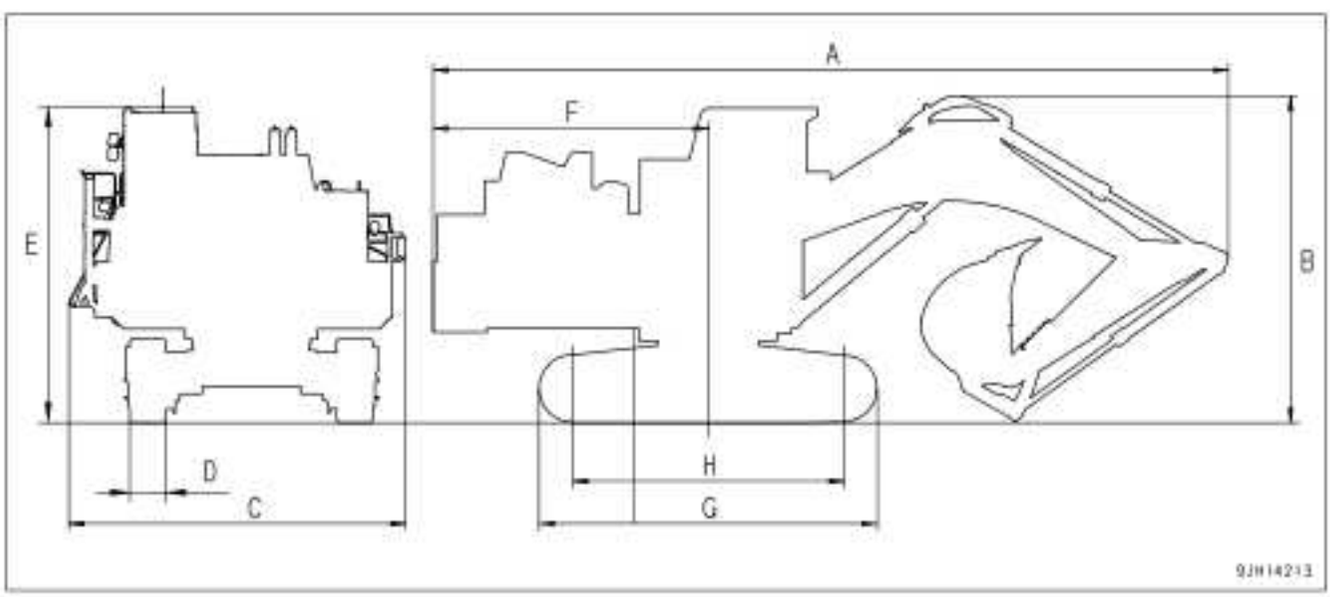


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SPECIFICATIONS

	Item	Unit	PC2000-8
	Operating weight [including 1 operator, 80 kg (176 lb)]	kg (lb)	200,000 (441,000)
	Bucket capacity	m^3 (cu.yd)	12.0 (15.7)
	Name of engine	-	Komatsu SAA12V140E-3 diezel engine
	Engine horsepower (GROSS)	kW (HP) / rpm	728 (976) / 1,800
A	Overall length	mm (ft in)	17,030 (55'10")
B	Overall height	mm (ft in)	7,135 (23'5")
C	Overall width (*1)	mm (ft in)	7,490 (24'7")
D	Track width	mm (ft in)	810 (2'8")
E	Height of cab	mm (ft in)	7,030 (23'1")
F	Tail swing radius	mm (ft in)	5,980 (19'8")
G	Length of track	mm (ft in)	7,445 (24'5")
H	Tumbler center distance	mm (ft in)	5,780 (18'12")
	Min. ground distance	mm (ft in)	825 (2'7")
	Travel speed	km/h (MPH)	2.7 (1.7)
	Swing speed	rpm	4.8

(*1): Equipped with a hydraulic ladder



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