TEN00166-03

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC130-7

SERIAL NUMBERS 71994 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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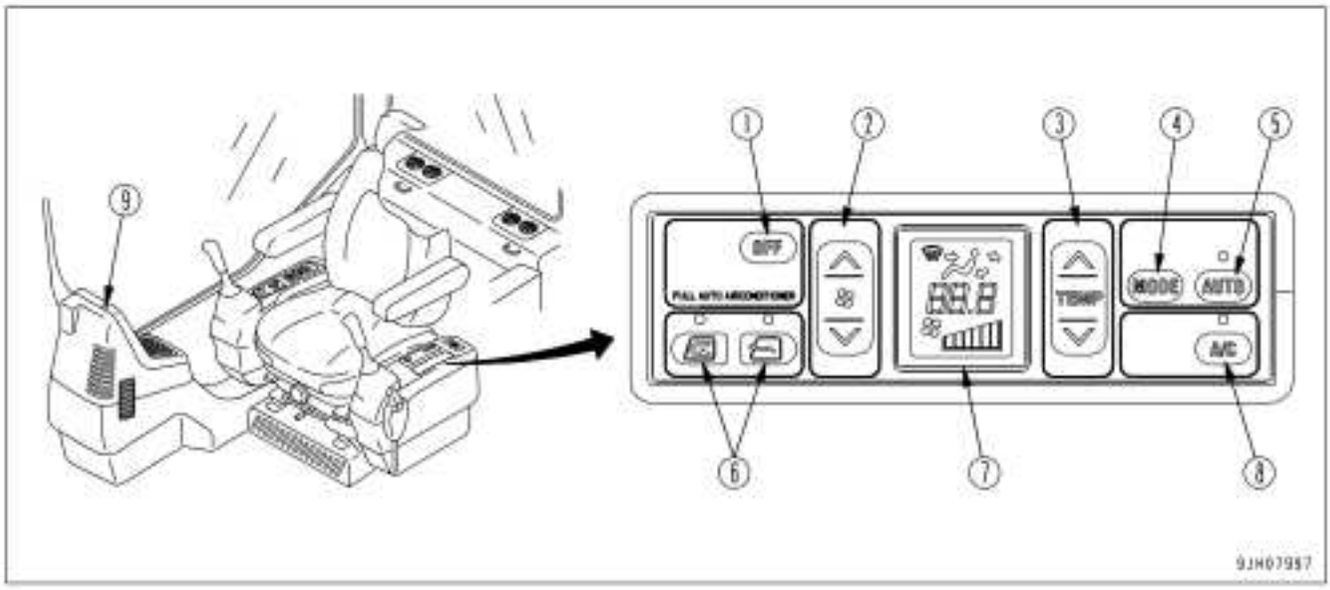
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AIR CONDITIONER CONTROLS

Air Conditioner Control Panel



(1) OFF switch
(2) Fan switch
(3) Temperature control switch
(4) Vent selector switch
(5) Auto switch
(6) FRESH/RECIRC selector switch
(7) Display monitor
(8) Air conditioner switch
(9) Sunlight sensor

OFF Switch

Switch (1) is used to stop the fan and air conditioner.

- When OFF switch (1) is pressed, the set temperature and air flow display on display monitor (7), the lamps above auto switch (5), and air conditioner (8) go out, and operation stops.



REMARK

When switch (1) is turned to the OFF position, the lamp above FRESH/RECIRC selector switch (6) does not go out, but this is not a problem.

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EVERY 500 HOURS MAINTENANCE

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

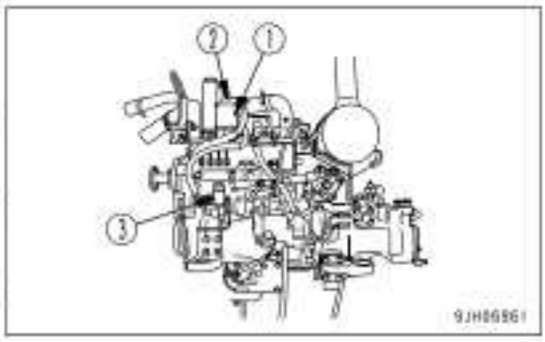
REPLACE FUEL FILTER CARTRIDGE

⚠ WARNING

- **The parts are at high temperature immediately after the engine has been operated. Wait for all parts to cool down before replacing the filter.**
- **Do not bring fire or sparks near the fuel.**

Prepare a filter wrench and a container to catch the fuel.

1. Set the container to catch the fuel under the filter cartridge.
2. By using a filter wrench, turn filter cartridge (1) counterclockwise on remove it.
3. Clean the filter holder. Fill a new filter cartridge with clean fuel. Coat the packing surface with engine oil. Then install the new cartridge into the filter holder.
4. When installing, screw in cartridge until seal comes in contact with sealing surface, then tighten approximately 2/3 turn.
   If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten to the correct amount.

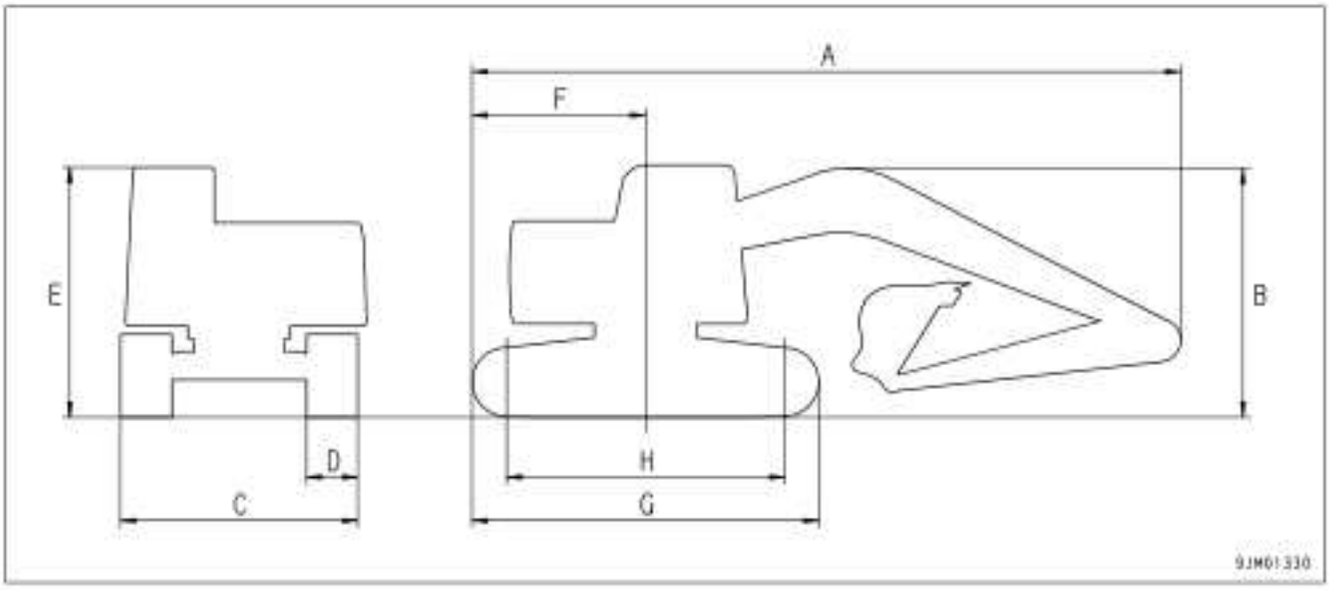


5. After replacing the fuel filter cartridge, bleed the air from the system.
   Bleed the air as follows.
6. Fill the fuel tank with fuel (to the position where the float is at the highest position).
7. After replacing filter cartridge (1), loosen plug (2).
8. Loosen the knob of feed pump (3) and pump it up and down until no more bubbles come out with the fuel from plug (2).
9. Tighten plug (2).
   Always use a Komatsu genuine part for the filter cartridge.
   After replacing the filter cartridge, start the engine, and check that there is no leakage of fuel from the filter seal surface.

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SPECIFICATIONS

	Item	Unit	PC130-7
	Operating weight	kg (lb)	12,400 (27,342)
	Bucket capacity	m^3 (cu.yd)	0.53 (0.69)
	Name of engine	-	Komatsu SAA4D95LE-3 diesel engine
	Rated horsepower of engine	kW (HP)/rpm	66.2 (88.7)/2,200
A	Overall length	mm (ft in)	7,595 (24' 11")
B	Overall height	mm (ft in)	-
C	Overall width	mm (ft in)	2,490 (8' 2")
D	Track shoe width	mm (ft in)	500 (1' 8")
E	Height of cab	mm (ft in)	2,810 (9' 3")
F	Radius of upper structure	mm (ft in)	2,190 (7' 2")
G	Overall length of track	mm (ft in)	3,610 (11' 10")
H	Tumbler center distance	mm (ft in)	2,880 (9' 5")
	Min. ground clearance	mm (ft in)	400 (1' 4")
	Traveling speed (Low/High)	km/h (MPH)	2.7/5.5 (1.7/3.4)
	Swing speed	rpm	11



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