CEAM012901

Operation & Maintenance Manual

PC400LC-7L

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC400LC-7L A86001 and up

ENGINE 6D125E-3

March 2016

KOMATSU®

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OPERATION

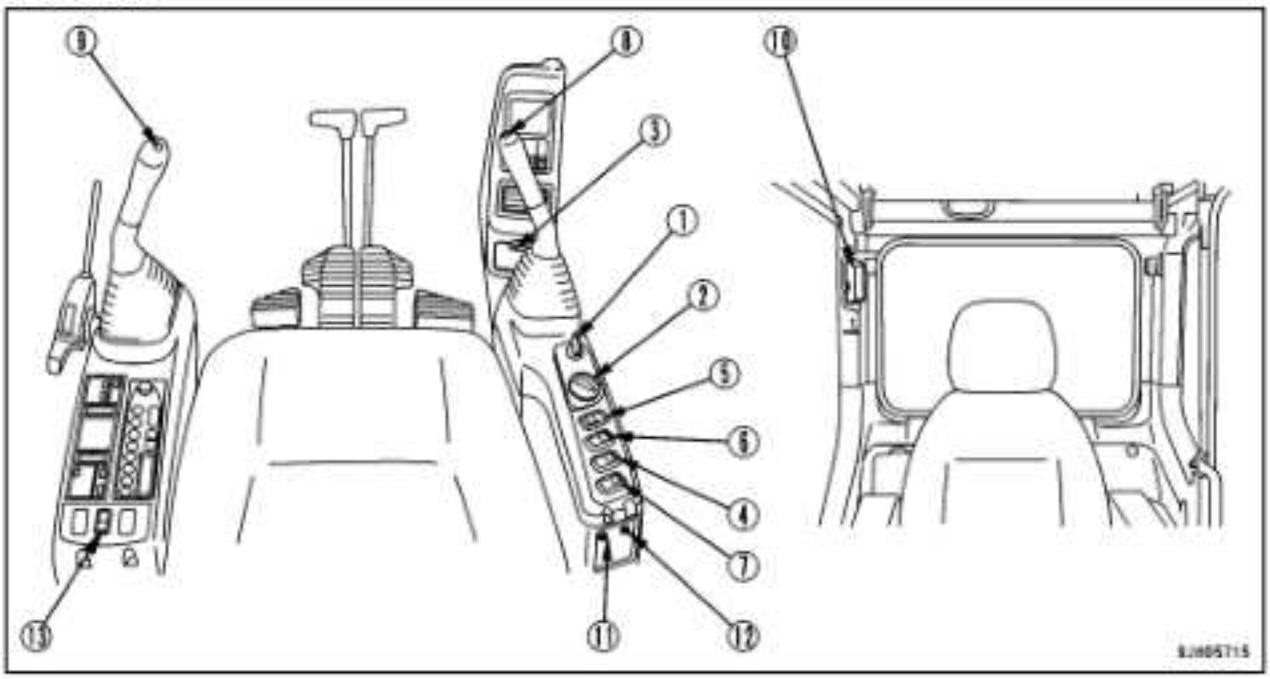
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SWITCHES



1. Starting switch
2. Fuel control dial
3. Cigarette lighter
4. Swing lock switch
5. Lamp switch
6. Alarm buzzer switch
7. Machine push-up switch
8. Horn switch
9. One-touch power max. switch
10. Room lamp switch
11. Emergency pump drive switch
12. Swing brake cancel switch
13. Revolving warning lamp switch (if equipped)

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CLEAN AIR CONDITIONER FRESH/RECIRC FILTERS

⚠ WARNING

If compressed air is used, there is danger that dirt may fly and cause personal injury.

Always wear safety glasses, dust mask, and other protective equipment.

NOTICE

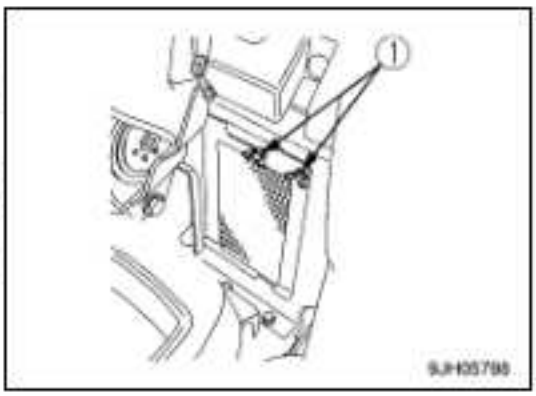
As a guideline, the filters should be cleaned every 500 hours, but on dusty jobsites, clean the filters more frequently.

Remark

If the filter becomes clogged, the air flow will be reduced, and there will be an abnormal noise from the air conditioner unit.

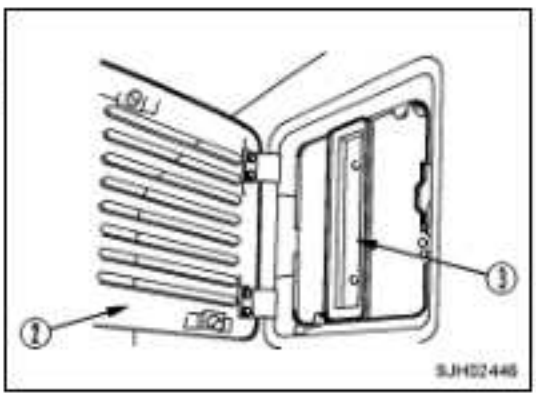
Cleaning reticulated air filter

1. Remove wing bolts (1) from the inspection window at the bottom rear left on the inside of the operator's cab, then take out the recirculated air filter.
2. Clean the filter with compressed air. If there is oil on the filter, or if the filter is extremely dirty, wash it in a neutral agent. After rinsing it in water, dry it thoroughly before using it again.
   If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter with a new part every year.



Cleaning fresh air filter

1. Use the starting key to open cover (2) at the rear left of the operator's cab, then open cover (2) by hand and remove filter (3) inside the cover.



2. Clean the filter with compressed air. If there is oil on the filter, or if the filter is extremely dirty, wash it in a neutral agent. After rinsing it in water, dry it thoroughly before using it again.
   If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter with a new part every year.
3. After cleaning, return filter (3) to its original position and close the cover. Use the starting key to lock the cover. Do not forget to remove the starting key.

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SPECIFICATIONS

	Item	Unit	PC400LC-7L
	Operating weight (Variable gauge specification)	kg (lb)	44,600 (98,343)
	Operating weight (Fixed gauge specification)		43,700 (96,359)
	Operating weight		43,700 (96,359)
	Bucket capacity	m3 (cu.yd)	1.9 (2.5)
	Name of engine	-	KOMATSU SAA6D125E-3 diesel engine
	Rated horsepower of engine	kW (HP)/rpm	246(330) /1,850
A	Overall length	mm (ft in)	12,040 (39' 6")
B	Overall height	mm (ft in)	3,670 (12')
C	Overall width (Variable gauge specification)	mm (ft in)	3,690 (12' 1.2")
C	Overall width (Fixed gauge specification)		3,640 (11' 11.3")
D	Track shoe width (Variable gauge)	mm (ft in)	800 (2' 7.5")
D	Track shoe width (Fixed gauge)	mm (ft in)	900 (2' 11.4")
E	Height of cab	mm (ft in)	3,250 (10' 8")
F	Radius of upper structure	mm (ft in)	3,645 (11' 12")
G	Overall length of track	mm (ft in)	-
H	Tumbler center distance	mm (ft in)	4,350 (14' 3")
	Min. ground clearance	mm (ft in)	685 (2' 3")
	Traveling speed (low/middle/high)	km/h (MPH)	3.0/4.4/5.5 (1.9/2.7/3.4)
	Swing speed	rpm	9.1

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