CEAM017002

Operation & Maintenance Manual

PC400LC-7E0

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC400LC-7E0 A87001 and up

ENGINE 6D125E-5

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KOMATSU®

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OPERATING MODES

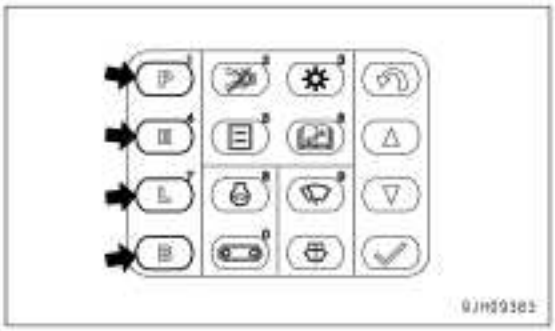
WORKING MODE

By using the working mode selector switch to select a working mode that matches the operating condition, it is possible to carry out operations efficiently.

Use the following procedure to make effective use of each working mode.

When the ignition switch is turned ON, the working mode is set to **P** mode (digging).

Use the working mode switch to set the most efficient mode to match the type of work.



Working mode	Applicable operations
P mode	Normal digging, loading operations (Operations with emphasis on productivity)
E mode	Normal digging, loading operations
L mode	When positioning work equipment exactly (fine-control operations)
B mode	Breaker operations

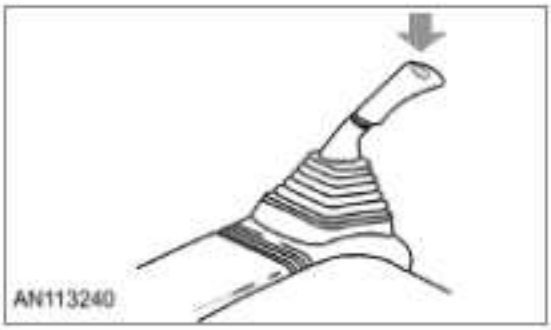
Remark

If breaker operations are carried out in the heavy digging mode, the hydraulic equipment may be damaged. Operate the breaker only in B mode.

ONE-TOUCH POWER MAX. SWITCH

The one-touch power max. switch can be used during operations to increase the power. Make effective use of this function whenever necessary in combination with the working mode.

1. Press the left knob switch and keep it pressed. The power is increased for up to 8.5 seconds, while the switch is being pressed. The increased power is automatically canceled after 8.5 seconds.
   - This function is not actuated when the working mode is set to L mode or B mode.



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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 protective glasses, dust mask, and other protective equipment.

Remark

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.

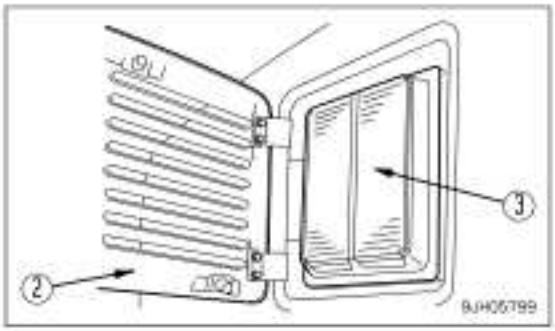
CLEANING RECULATING AIR FILTER



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.

   Replace the filter with a new part every year. If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter immediately.

CLEANING FRESH AIR FILTER



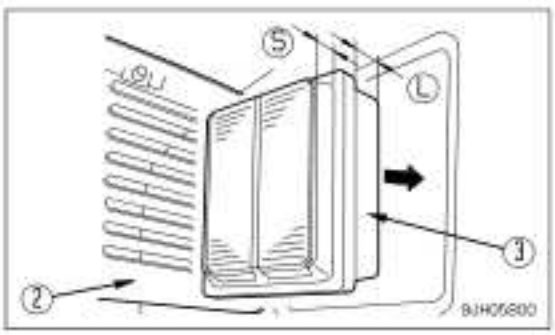
1. Use the ignition switch key to open cover (2) at the rear left of the operator's cab, then open cover (2) by hand and remove filter (3) inside the cover.
2. Clean the filter with compressed air. If there is oil on the filter, or if the filter is extremely dirty, wash it in a neutral agent. After rinsing it in water, dry it thoroughly before using it again.

   Replace the filter with a new part every year. If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter immediately.
3. After cleaning, return filter (3) to its original position and close the cover. Use the ignition switch key to lock the cover. Do not forget to remove the ignition switch key.

Remark

*The **FRESH** filter must be installed facing in the correct direction.*

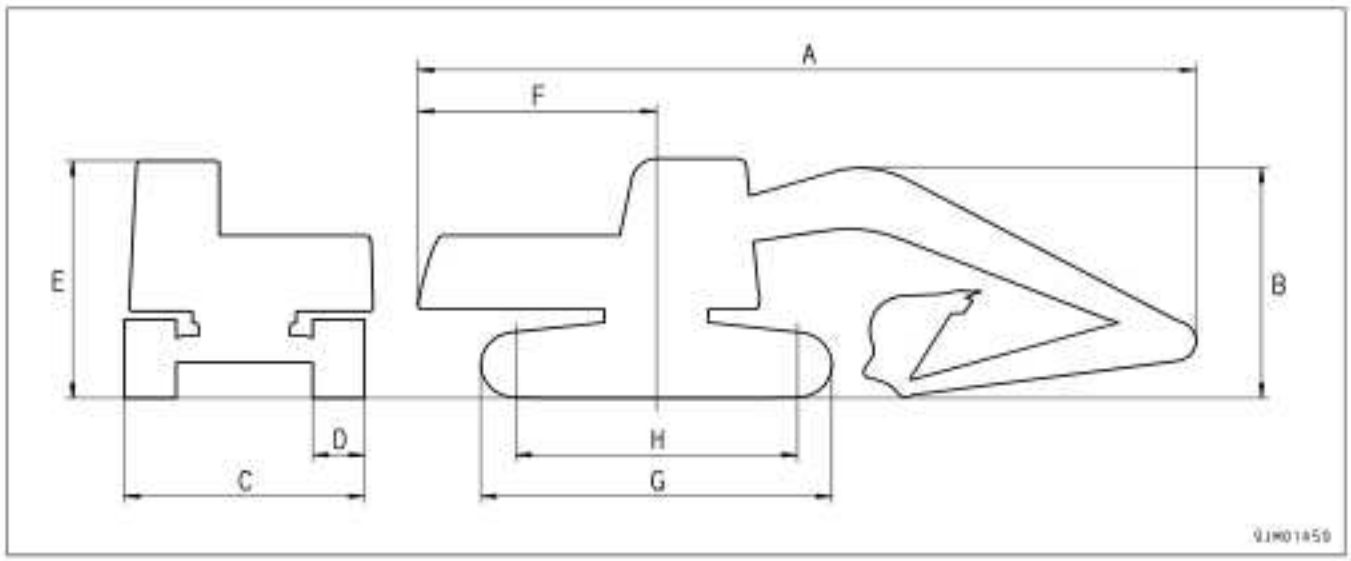
When installing, insert the long (L) end of filter (3) into the filter case first. If the short (S) end is installed first, cover (2) will not close.



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SPECIFICATIONS

	Item		Unit	PC400LC-7E0
	Operating weight	Variable gauge specification	kg (lb)	44,000 (97,020)
		Fixed gauge specification	kg (lb)	42,200 (93,051)
	Bucket capacity		m^3 (yd^3)	1.9 (2.5)
	Name of engine		KOMATSU SAA6D125E-5 in line Diesel engine	
	Engine horsepower		kW (HP)/rpm	257 (345) / 1,850
A	Overall length		mm (ft in)	11,945 (39'2")
B	Overall height		mm (ft in)	3,635 (11'11")
C	Overall width	Variable gauge specification	mm (ft in)	3,590 (11'9")
		Fixed gauge specification	mm (ft in)	3,440 (11'3")
D	Track width		mm (ft in)	700 (2'4")
E	Height of cab		mm (ft in)	3,275 (10'9")
F	Radius of upper structure		mm (ft in)	3,645 (11'12")
G	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")
	Travel speed (Low/Medium/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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