TEN00548-02

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC138US -8
PC138USLC-8

SERIAL NUMBERS PC138US- 26659 and up
PC138USLC- 26659

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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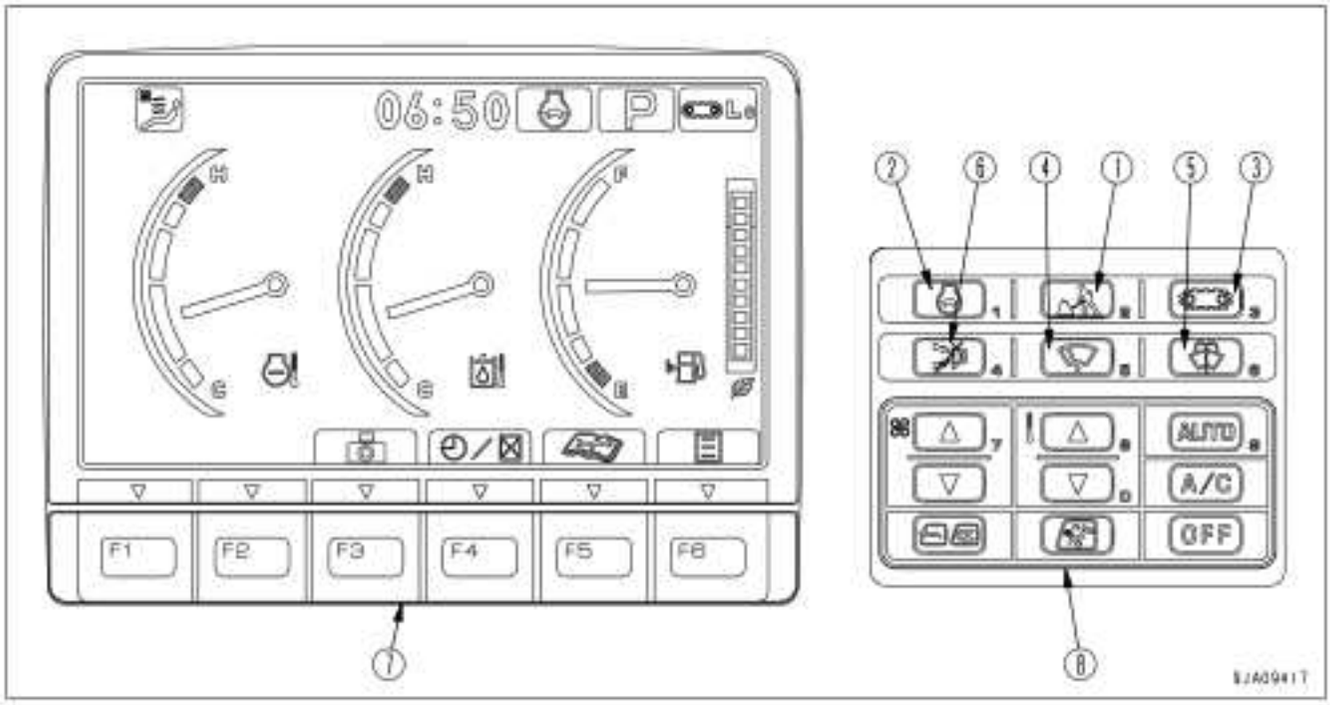
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Monitor Switches Portion

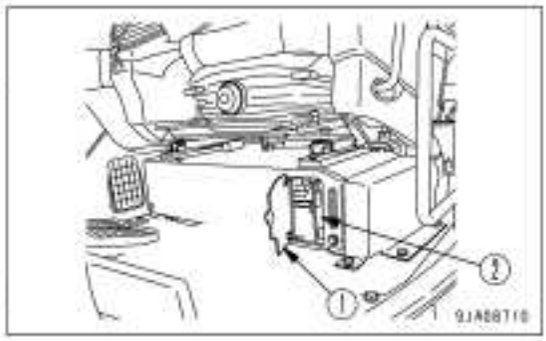


(1) Working mode selector switch
(2) Auto-deceleration switch
(3) Travel speed selector switch
(4) Wiper switch
(5) Window washer switch
(6) Buzzer cancel switch
(7) Function switches
(8) Air conditioner switch

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Cleaning Recirculated Air Filter

1. Open cover (1) at the front bottom left of the operator's seat.
2. Take out internal filter (2).
3. Clean internal filter (2) with compressed air. If there is oil stuck to the filter (2) or it is extremely dirty, wash it in a neutral agent. After washing, dry it thoroughly before using it again.

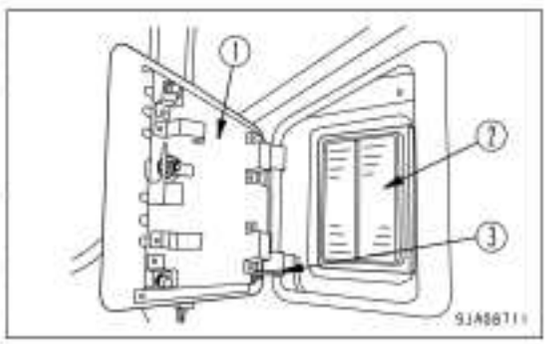


REMARK
If the clogging of the filter cannot be removed by blowing it with compressed air or washing in water, replace the filter with a new one.

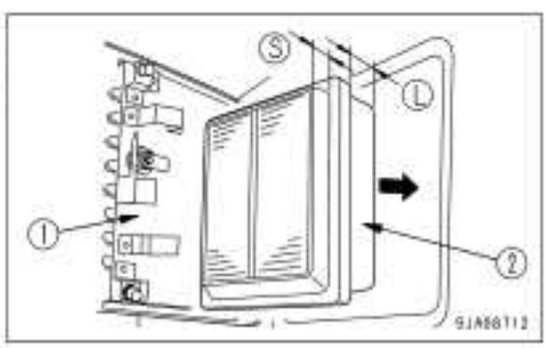
4. After cleaning filter (2), return it to its original position and close cover (1).

Cleaning Fresh Air Filter

1. Use the starting key to unlock cover (1) at the rear left of the operator's cab, open cover (1) by hand, secure it in position with cover support lever (3), then remove filter (2) from the inside.
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 (2) to its original place, remove cover support lever (3), and close the cover. When doing this, lock it with the starting key. After locking it, do not forget to remove the starting key.



REMARK
The FRESH filter must be installed facing in the correct direction. When installing, insert the long (L) end of filter (2) into the filter case first. If the short (S) end is installed first, cover (1) will not close.

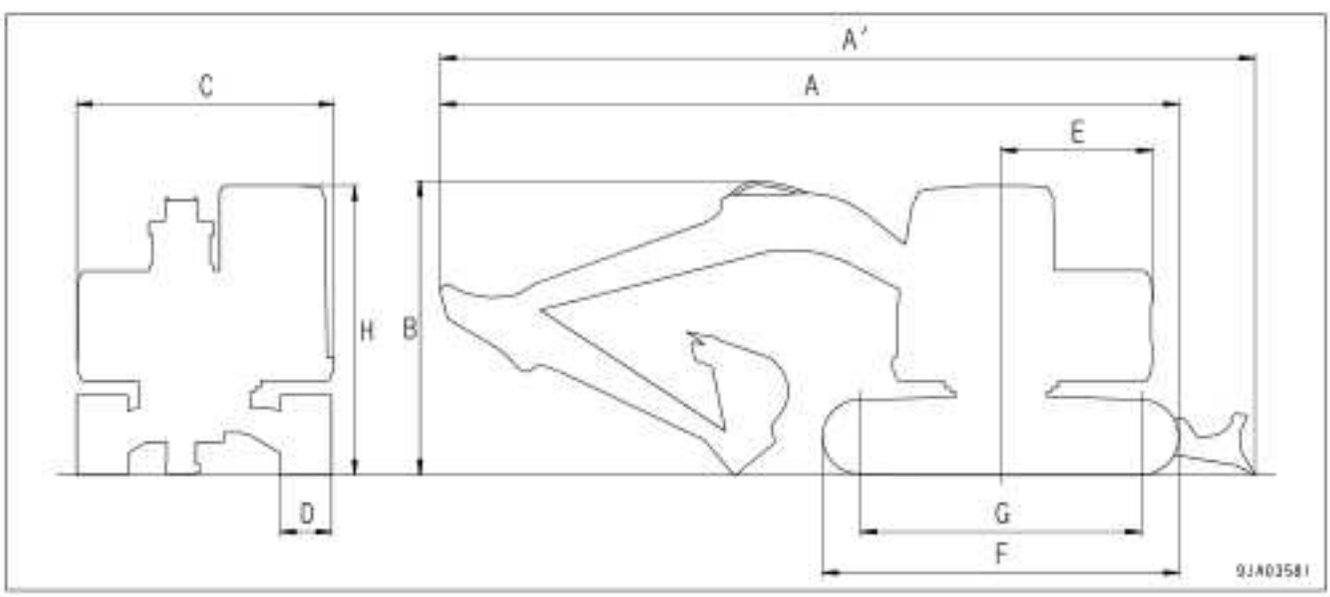


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SPECIFICATIONS

PC138US-8

	Item	Unit	Standard specification	Blade specification
	Machine weight	kg (lb)	13,400 (29,547)	14,050 (30,980)
	Bucket capacity	m^3 (cu.yd)	0.50 (0.65)	
	Name of engine	-	Komatsu SAA4D95LE-5 diesel engine	
	Engine rated horsepower	kW (HP)/rpm	68.4 (91.7)/2,200	
A	Overall length (Standard specification)	mm (ft in)	7,260 (23' 10")	-
A'	Overall length (Blade specification)	mm (ft in)	-	7,970 (26' 2")
B	Overall height	mm (ft in)	2,850 (9' 4")	
C	Overall width	mm (ft in)	2,490 (8' 2")	
D	Track width	mm (ft in)	500 (1' 8")	
E	Tail swing radius	mm (ft in)	1,480 (4' 10")	
F	Length of track	mm (ft in)	3,610 (11' 10")	
G	Tumbler canter distance	mm (ft in)	2,880 (9' 5")	
H	Cab height	mm (ft in)	2,815 (9' 3")	
	Min. ground clearance	mm (ft in)	395 (1' 4")	
	Travel speed (Low/High)	km/h (MPH)	2.9/5.1 (1.8/3.2)	
	Continuous swing speed	rpm	11.0	



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