TEN00529-04

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC88MR-8

SERIAL NUMBERS 5667 and up

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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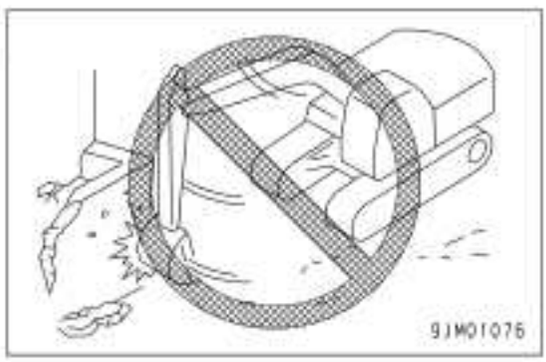
PROHIBITED OPERATIONS

⚠ WARNING

- **If it is necessary to operate the work equipment control lever when the machine is traveling, stop the machine, then operate the control lever.**
- **If any lever is operated when the auto-deceleration is being actuated, the engine speed will suddenly increase, so be careful when operating.**

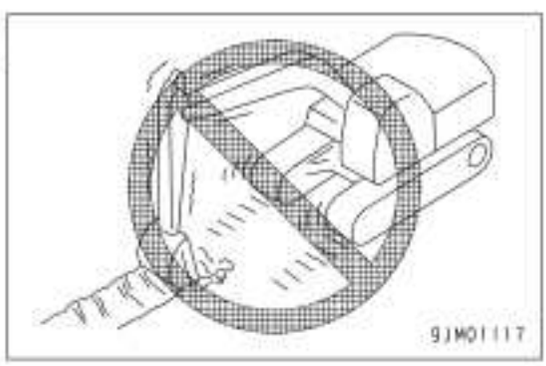
Operations Using Swing Force

Do not use the swing force to compact soil or break objects. This is not only dangerous, but will also drastically reduce the life of the machine.



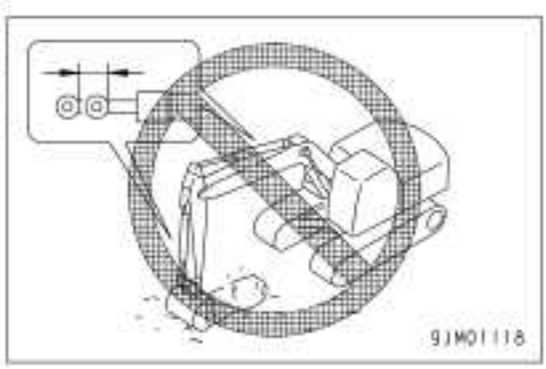
Operations Using Travel Force

Do not dig the bucket into the ground and use the travel force to perform excavation. This will damage the machine or work equipment.



Prohibition of Operations Using Hydraulic Cylinders to Stroke Ends

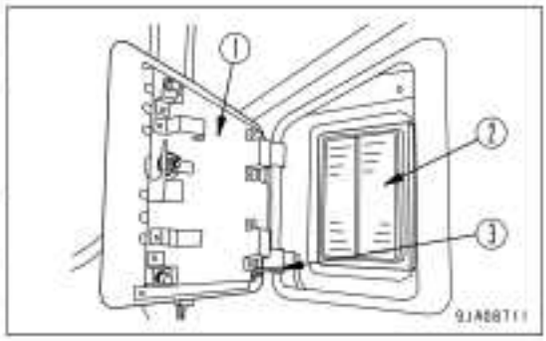
If the work equipment is used with the cylinder rod operated to its stroke end, and given impact by some external force, the hydraulic cylinders will be damaged, causing personal injury. Avoid operations with the hydraulic cylinder fully retracted or fully extended.



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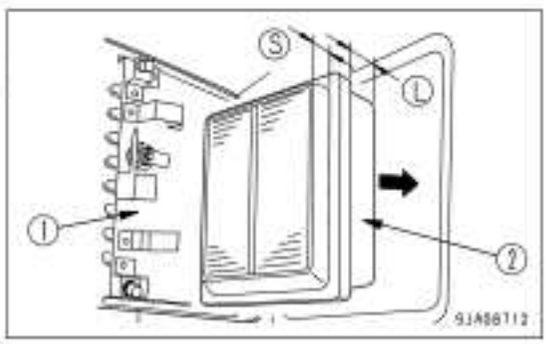
Cleaning Fresh Air Filter

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

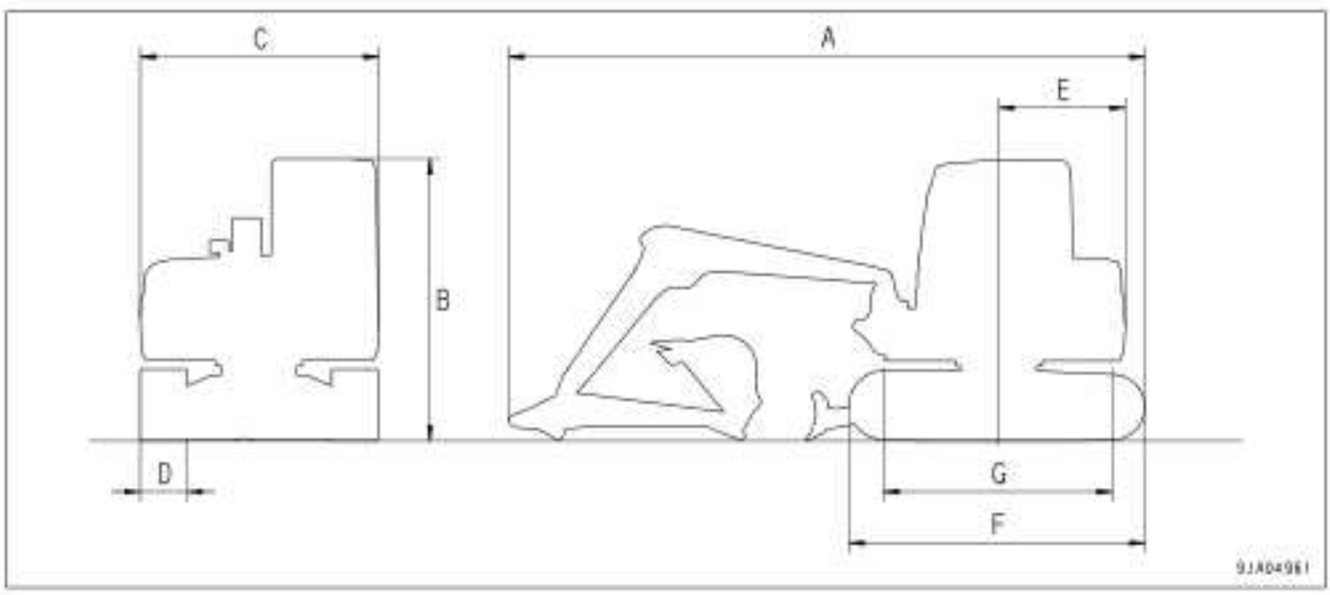
The FRESH filter must be installed facing in the correct direction. When installing, insert the long (L) end of filter (2) into the filter case first. If the short (S) end is installed first, cover (1) will not close.



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SPECIFICATIONS

	Item	Unit	Steel shoe specified
	Operating weight (blade specified)	kg (lb)	8,420 (18,560)
	Bucket capacity	m^3 (cu/yd)	0.20 (0.26)
	Name of engine	-	Komatsu SAA4D95LE-5 diesel engine
	Engine rated horsepower	kW (HP)/rpm	49 (65)/1,950
A	Overall length	mm (ft in)	6,350 (20' 10")
B	Overall height	mm (ft in)	2,730 (8' 11")
C	Overall width	mm (ft in)	2,330 (7' 8")
D	Track width	mm (ft in)	450 (1' 6")
E	Radius of upper structure	mm (ft in)	1,380 (4' 6")
F	Length of track	mm (ft in)	2,840 (9' 4")
G	Tumbler canter distance	mm (ft in)	2,235 (7' 4")
	Min. ground clearance	mm (ft in)	360 (1' 2")
	Travel speed (Low/High)	km/h (MPH)	2.9/5.1 (1.8/3.2)
	Continuous swing speed	rpm	10.0



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