TEN00732-04

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC30MR-5
PC35MR-5

SERIAL NUMBERS PC30MR-50001 and up
PC35MR-30001

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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PRECAUTIONS FOR MAINTENANCE

PRECAUTIONS BEFORE STARTING INSPECTION AND MAINTENANCE

DISPLAY WARNING TAG DURING INSPECTION AND MAINTENANCE

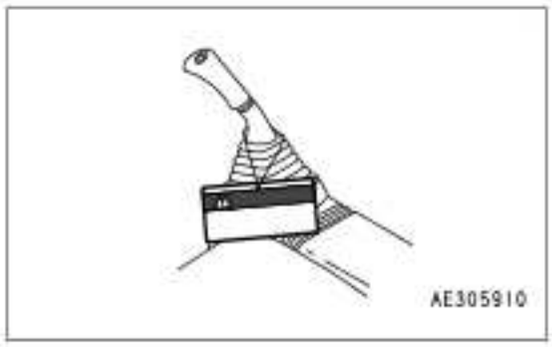
During inspection and maintenance, always display the "DANGER! Do NOT operate!" warning tag.

If there is a "DANGER! Do NOT operate!" warning tag displayed, it means that someone is performing inspection and maintenance of the machine. If the warning tag is ignored and the machine is operated, the person performing inspection or maintenance may be caught in the rotating parts or moving parts. It is dangerous and may cause serious personal injury or death. Do not start the engine or touch the levers.

If necessary, put up signs around the machine as well.

Warning tag part No. 09963-03001

When not using this warning tag, keep it in the toolbox. If there is no toolbox, keep it in the pocket for Operation and Maintenance Manual





KEEP WORK PLACE CLEAN AND TIDY

Do not leave hammers or other tools lying around in the work place. Wipe up all grease, oil, or other substances that will cause you to slip. Always keep the work place clean the tidy to enable you to perform operations safely.

If the work place is not kept clean and tidy, there is the danger that you will trip, slip, or fall over and injure yourself.

SELECT SUITABLE PLACE FOR INSPECTION AND MAINTENANCE

- Stop the machine on a firm, level ground.
- Select a place where there is no hazard of landslides, falling rocks, or flooding.

ONLY AUTHORIZED PERSONNEL

As long as maintenance of the machine is continued, do not allow unauthorized person to come near the workplace. They might get unexpected personal injury from, for instance, touching machine. Do not allow anyone except the workers concerned to enter the workplace. If necessary, employ a guard.

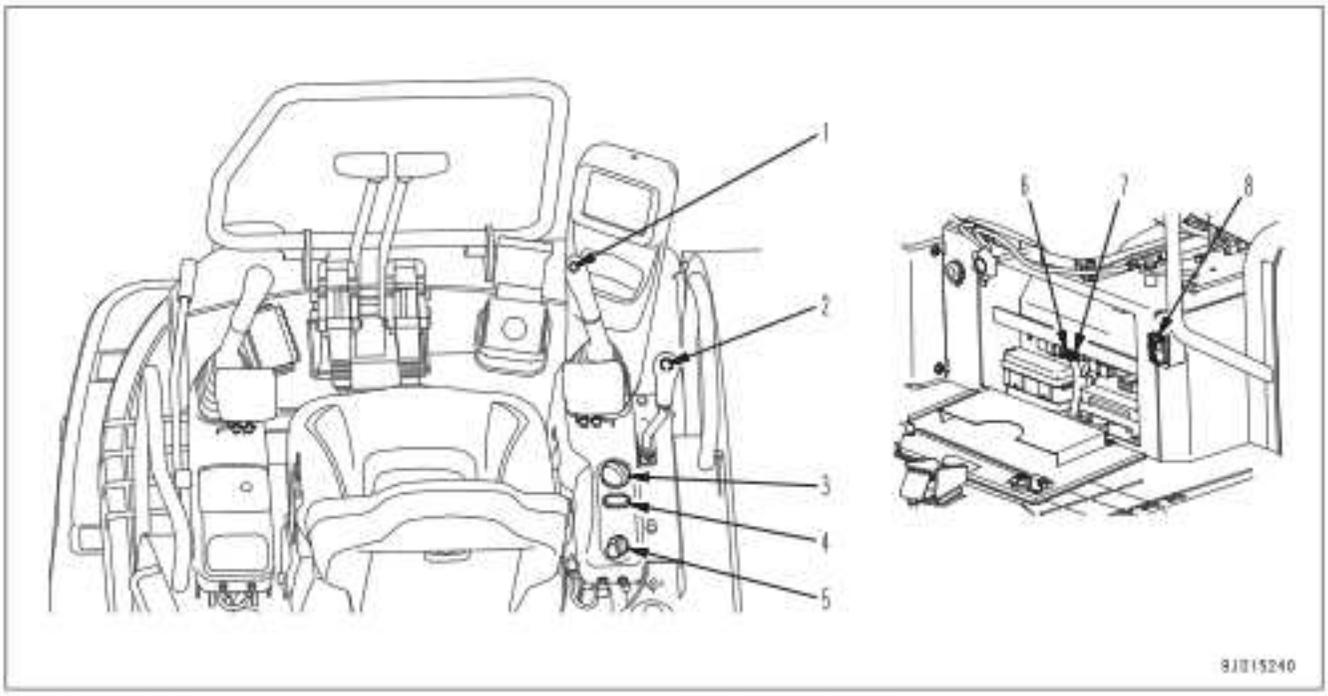
APPOINT LEADER WHEN WORKING WITH OTHERS

When repairing the machine or when removing and installing the work equipment, appoint a leader and follow his/hers instructions during the operation in order to prevent personal injuries caused by being caught or pinched.

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SWITCHES

SWITCHES: CANOPY SPEC



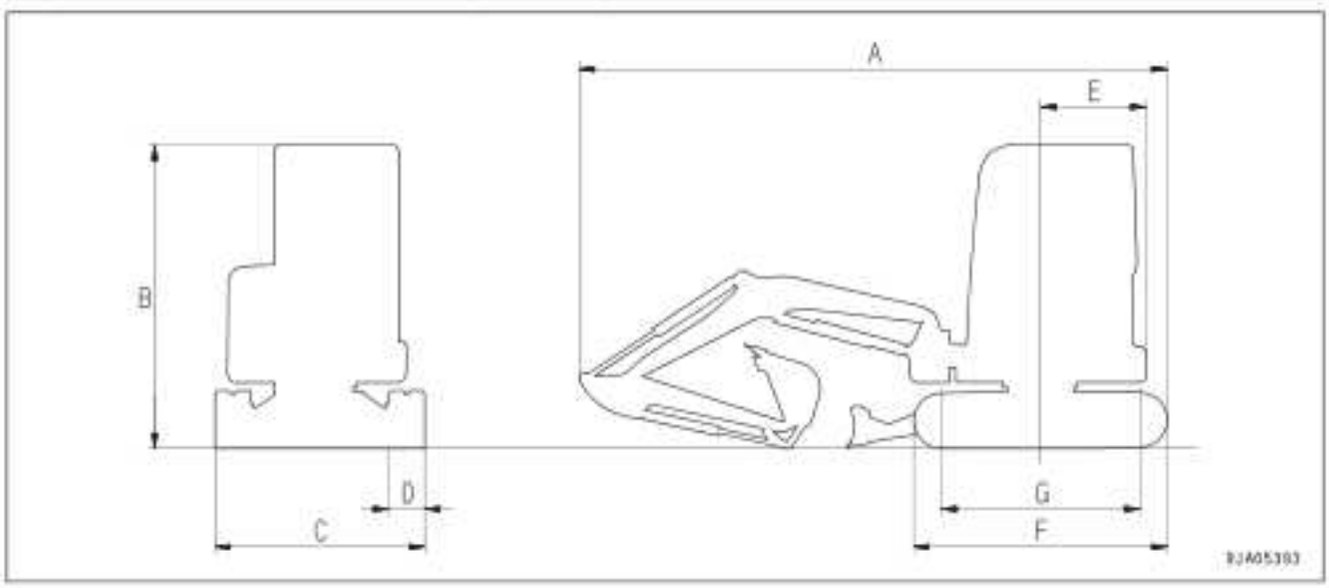
(1) Horn switch
(2) Travel speed selector switch
(3) Fuel control dial
(4) Lamp switch
(5) Starting switch
(6) Pump secondary drive switch
(7) Lock lever automatic lock cancel switch
(8) Engine shutdown secondary switch

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SPECIFICATIONS

SPECIFICATIONS: PC30MR-5

	Item	Unit	PC30MR-5	
			Machine with canopy specification	Machine with cab specification
	Machine weight (including blade)	kg { lb}	3000 {6615}	3150 {6946}
	Bucket capacity	m^3 { cu.yd}	0.09 {0.12}	
	Engine model	-	Komatsu 3D88E-7 diesel engine	
	Rated horsepower			
	• SAE J1995 (Gross)	kW { HP} / min^{-1} { rpm}	18.2 {24.4} /2200 {2200}	18.2 {24.4} /2200 {2200}
	• ISO 9249/ SAE J1349 (Net)		17.4 {23.3} /2200 {2200}	17.0 {22.8} /2200 {2200}
A	Overall length	mm {ft in}	4560 {15' 0"}	
B	Overall height	mm {ft in}	2520 {8' 3"}	
C	Overall width	mm {ft in}	1550 {5' 1"}	
D	Shoe width	mm {ft in}	300 {1' 0"}	
E	Tail swing radius	mm {ft in}	790 {2' 7"}	
F	Overall length of track	mm {ft in}	2105 {6' 11"}	
G	Distance between tumbler centers	mm {ft in}	1650 {5' 5"}	
	Minimum ground clearance	mm {ft in}	305 {1' 0"}	
	Travel speed (Lo/Hi)			
	• For the machine equipped with rubber shoe	km/h { MPH}	2.6 / 4.6 {1.6 / 2.9}	
	• For the machine equipped with steel shoe and road liner		2.5 / 4.5 {1.6 / 2.8}	
	Continuous swing speed	rpm	9.0	



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