SEAM035200

Operation & Maintenance Manual

KOMATSU®

PC20MRX-1

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC20MRX-1 - 10001 and up

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STEERING THE MACHINE

Steering

⚠ WARNING

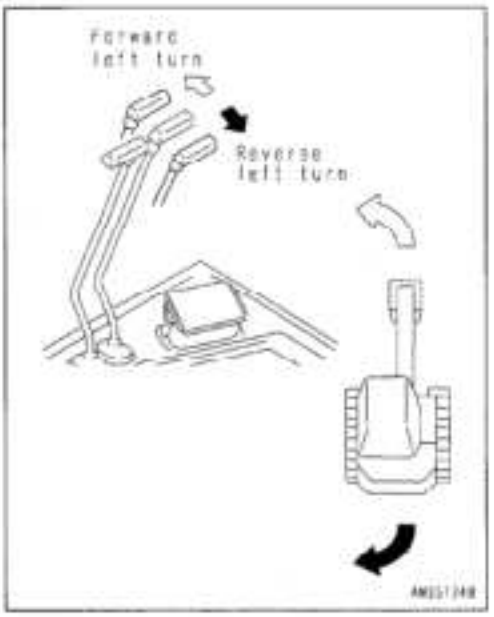
Before operating the travel levers, check the position of the sprocket. If the sprocket is at the front, the operation of the travel levers is reversed.



Use the travel levers to change direction.
Avoid sudden changes of direction as far as possible. In particular, when carrying out counter-rotation (spin turn), stop the machine first before turning.
Operate two travel levers (1) as follows.

Steering the Machine when Stopped

When turning to the left:
Push the right travel lever forward to turn to the left when traveling forward; and pull it back to turn left when traveling in reverse.



REMARK
When turning to the right, operate the left travel lever in the same way.

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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Carry out the following maintenance only after the first 250 hours of operation on new machines.

- Replace fuel filter element.
- Check and adjust engine valve clearance

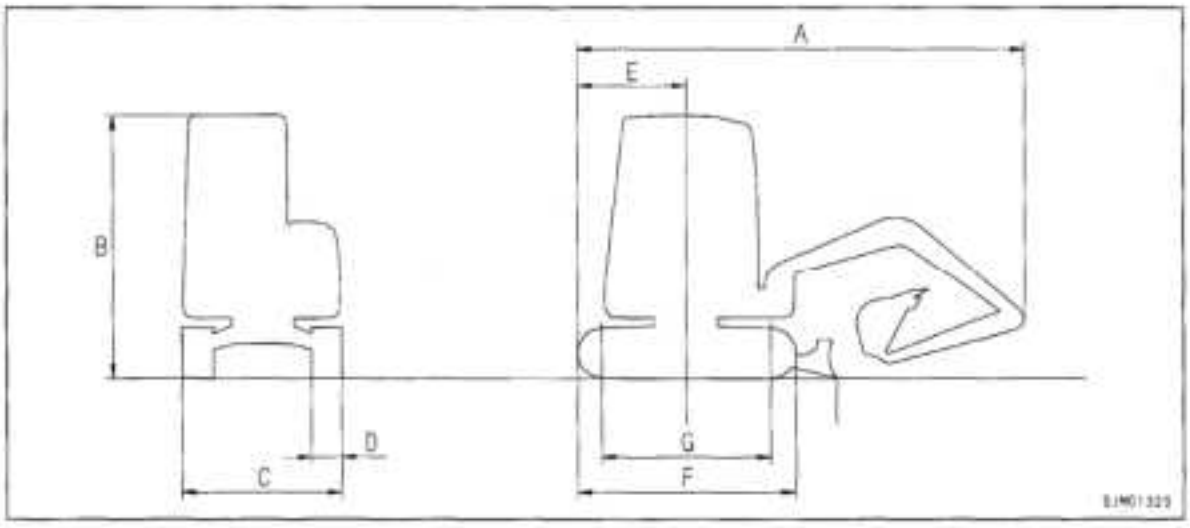
  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

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SPECIFICATIONS

	Item	Unit	Rubber shoe and canopy	Rubber shoe and cab	Steel shoe and canopy	Steel shoe and cab
	Operating weight	kg (lb)	2,190 (4,829)	2,260 (4,983)	2,290 (5,049)	2,360 (5,204)
	Bucket capacity	m^3 (cu.yd)	0.066 (0.09)			
	Name of engine	—	KOMATSU 3D74E-N3A diesel engine			
	Eengine horsepower	kW (HP)/rpm	13.97 (19) /2,500			
A	Overall length	mm (ft in)	3930 (12'11")	3930 (12'11")	3930 (12'11")	3930 (12'11")
B	Overall height	mm (ft in)	2410 (7'11")	2450 (8'0")	2410 (7'11")	2450 (8'0")
C	Overall width	mm (ft in)	1450 (4'9")	1450 (4'9")	1450 (4'9")	1450 (4'9")
D	Track width	mm (ft in)	250 (10")	250 (10")	250 (10")	250 (10")
E	Tail swing radius	mm (ft in)	925 (3'0")	925 (3'0")	925 (3'0")	925 (3'0")
F	Overall length of track	mm (ft in)	1895 (6'3")	1895 (6'3")	1845 (6'1")	1845 (6'1")
G	Length of track on ground	mm (ft in)	1440 (4'9")	1440 (4'9")	1390 (4'7")	1390 (4'7")
	Min. groung clearance	mm (ft in)	530 (1'9")	530 (1'9")	530 (1'9")	530 (1'9")
	Travel speed (Low/High)	km/h (MPH)	2.3/4.8 (1.4/3.0)			
	Swing speed	rpm	9.3			



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