WEAM006600

Operation & Maintenance Manual

GALEO

PC30MR-2
PC35MR-2

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC30MR-2 20001 and up
PC35MR-2 5001 and up

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.

KOMATSU Utility

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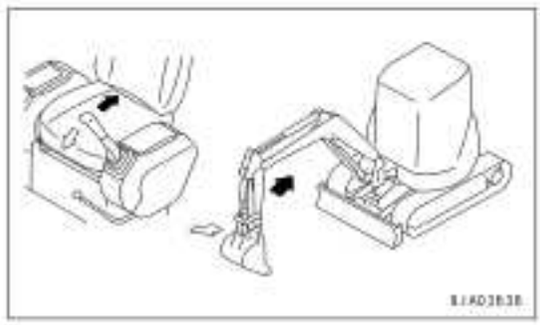
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3.3.7 WORK EQUIPMENT CONTROLS AND OPERATIONS

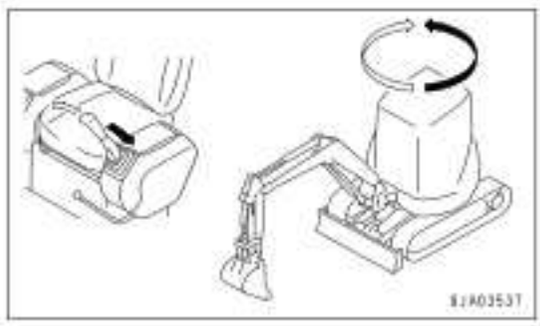
Use the control levers to operate the work equipment.

Note that when the levers are released, they return to the HOLD position and the work equipment is held in that position.

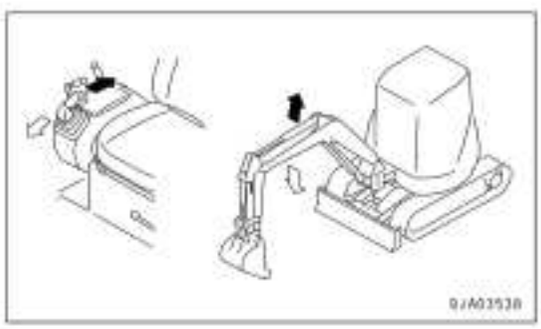
- **Arm control**
  Move the left work equipment control lever to the front or rear to operate the arm.



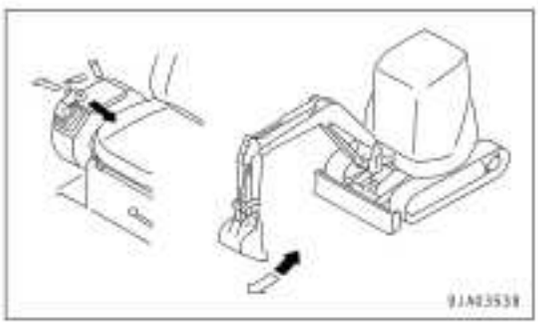
- **Swing control**
  Move the left work equipment control lever to the left or right to swing the upper structure.



- **Boom control**
  Move the right work equipment control lever to the front or rear to operate the boom.



- **Bucket control**
  Move the right work equipment control lever to the left or right to operate the bucket.



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4.9.3 EVERY 500 HOURS MAINTENANCE

4.9.3.a LUBRICATING

LUBRICATING SWING COMPONENTS

⚠ WARNING

- **When lubricating the swing circle and the swing pinion, do not swing the upper structure while carrying out the lubricating.**

NOTE

- **For the first 100 hours on new machines where the parts are settling in, carry out greasing every ten hours.**

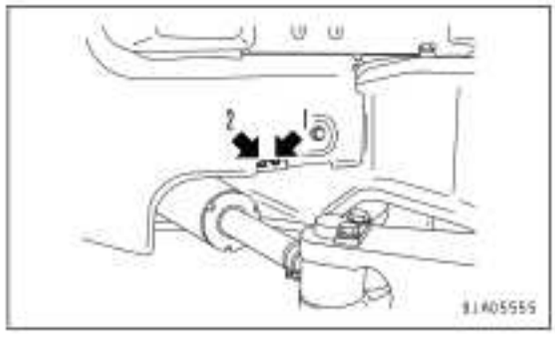
- Prepare a grease gun

1. Using a grease pump, pump in grease through the grease fittings shown by arrows.
2. After greasing, wipe off any old grease that was pushed out.

(1) Swing pinion (1 place)

(2) Swing circle (1 place)

When lubricating the swing circle and swing pinion, turn the chassis little by little to change the position while carrying out the lubrication.



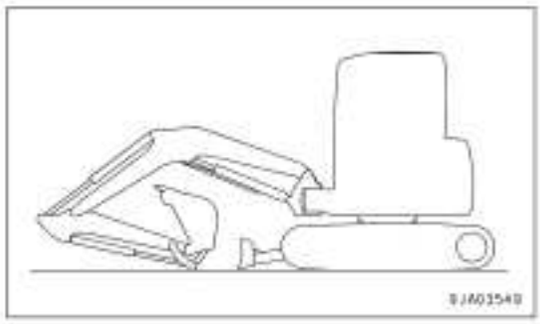
LUBRICATING WORK EQUIPMENT

IMPORTANT

- **When breaking in a new machine, carry out lubrication every 10 hours for the first 100 hours of operation.**
- **If any abnormal sound comes from the greasing point, carry out greasing regardless of the inspection and maintenance interval.**
- **After carrying out digging work in water, always lubricate the pins that were under water.**

- Prepare a grease gun

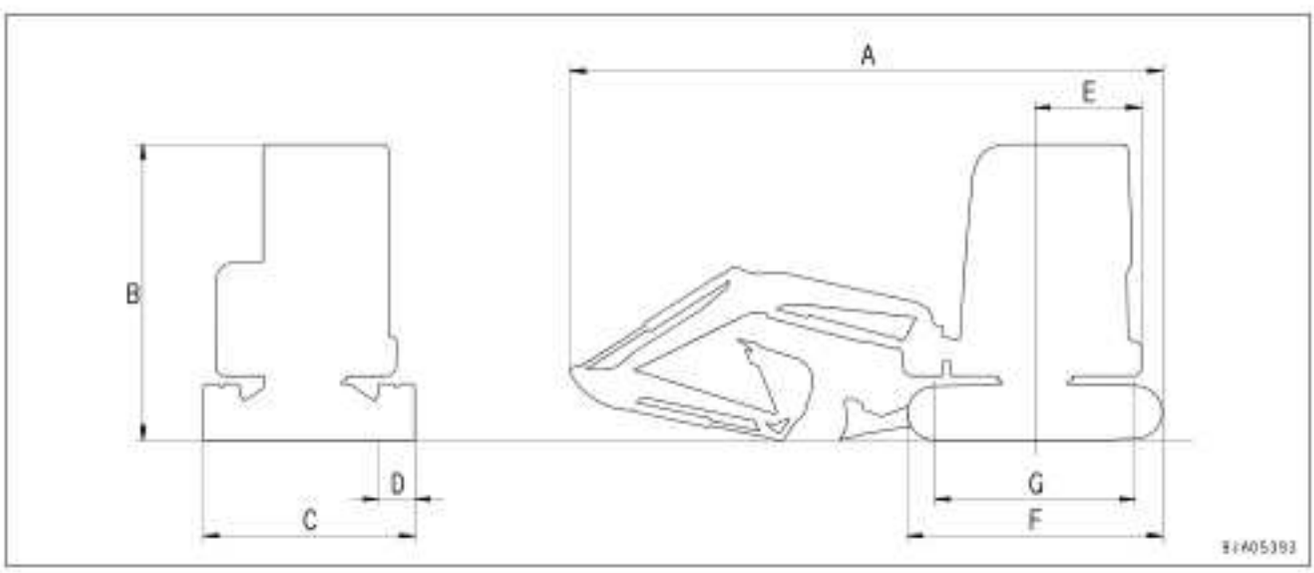
1. Set the machine to the greasing posture shown on the right diagram, lower the work equipment to the ground, then stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



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5.1 SPECIFICATIONS

	Item		Unit	PC30MR-2	PC35MR-2
	Operating weight	Canopy specified	kg	3200	3670
		Cab specified		3360	3800
	Bucket capacity		m3	0.09	0.11
	Name of engine		-	Komatsu 3D84E-5N diesel engine	Komatsu 3D88E-5P diesel engine
	Engine horsepower		KW (HP)/rpm	20.6(28)/2500	21.7(29.1)/2400
A	Overall length		mm	4630	4850
B	Overall height		mm	2530	
C	Overall width		mm	1550	1740
D	Track width		mm	300	
E	Radius of upper structure	Canopy specified	mm	855	950
		Cab specified		885	950
F	Length of track		mm	2105	
G	Tumbler center distance		mm	1650	
	Min. ground clearance		mm	320	290
	Travel speed (Low/High)		km/h (MPH)	2.6 (1.6)/4.6 (2.9)	2.8 (1.7)/4.6 (2.9)
	Continuous swing speed		rpm	9.3	9.0



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