Operation & Maintenance Manual

SEAM060100T

GALEO

PC35MR-2

HYDRAULIC EXCAVATOR

SERIAL NUMBERS 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.

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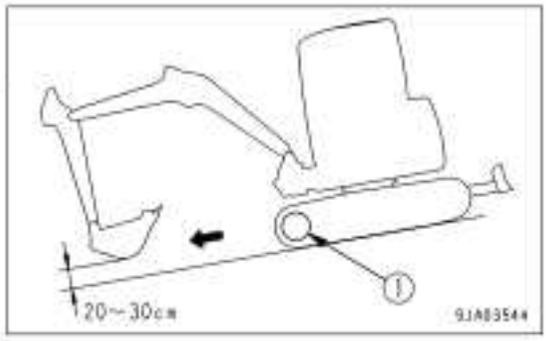
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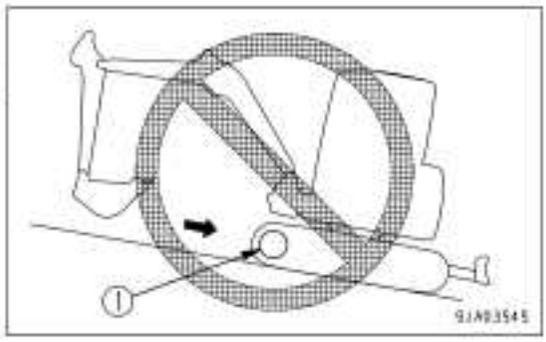
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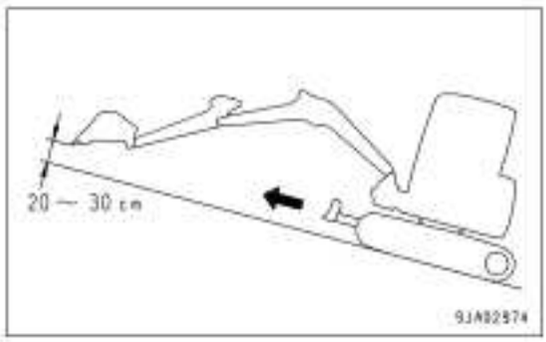
1. When traveling down steep hills, use the travel lever and fuel control lever to keep the travel speed low.
   When traveling down a steep hill of more than 15°, set the work equipment to the posture shown in the diagram on the right, and lower the engine speed.



REMARK
Travel down fills with the sprocket (1) side down.
If the machine travels down with the sprocket (1) side up, the track tends to become loose, and that can cause skipping pitches.



2. When traveling up a steep hill of more than 15°, set the work equipment to the posture shown in the diagram on the right.



Traveling Downhill
Put the travel lever in the neutral position. This will cause the brake to be automatically applied.

Engine Stopped on Slope
If the engine stops when traveling uphill, move the travel levers to the neutral position, lower the bucket to the ground, stop the machine, then start the engine again.

Cab Doors on Slope
- If the engine stops when the machine is on a slope, never use the left work equipment control lever to carry out swing operations. The upper structure will swing under its own weight.
- Do not open or close the sliding door (cab specifications) on slopes when traveling or operating. The operating effort may change suddenly.
  Always keep the sliding door locked.
- Take good care when opening or closing the sliding door (the cab specification). There is the danger that it will likely gain momentum due to its own weight and open or shut suddenly.

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EVERY 500 HOURS MAINTENANCE

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.

NOTICE

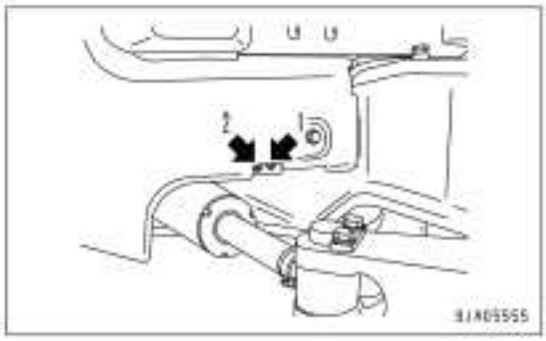
For the first 100 hours on new machines where the parts are settling in, carry out greasing every ten hours.

- 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)

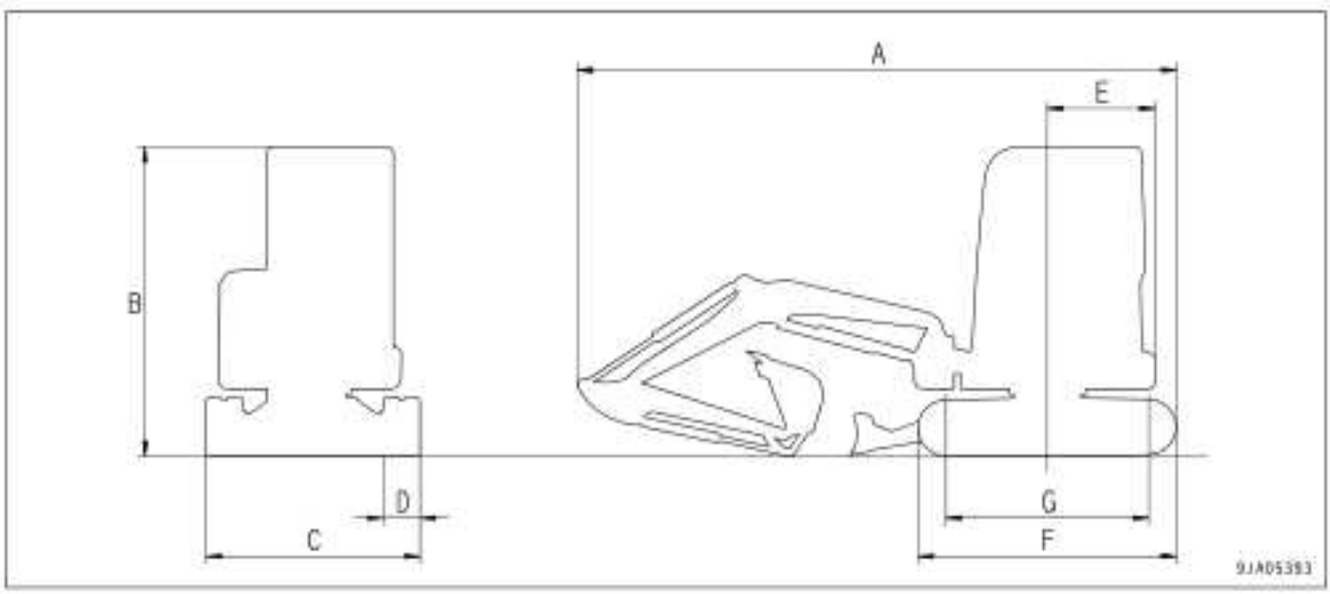
When lubricating the swing circle and swing pinion, turn the chassis little by little to change the position while carrying out the lubrication.



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SPECIFICATIONS

	Item		Unit	PC35MR-2
	Operating Weight	Canopy specified	kg (lb)	3,740 (8,247)
		Cab specified		3,915 (8,633)
	Bucket capacity		m^3 (cu/yd)	0.11 (0.14)
	Name of engine		-	Komatsu 3D88E-5P diesel engine
	Engine horsepower		KW(HP)/rpm	21.7(29.1)/2400
A	Overall length		mm (ft in)	4,850 (15'11")
B	Overall height		mm (ft in)	2,530 (8'4")
C	Overall width		mm (ft in)	1,740 (5'9")
D	Track width		mm (ft in)	300 (0'12")
E	Radius of upper structure	Canopy specified	mm (ft in)	950 (3'1")
		Cab specified		950 (3'1")
F	Length of track		mm (ft in)	2,105 (6'11")
G	Tumbler center distance		mm (ft in)	1,650 (5'5")
	Min. ground clearance		mm (ft in)	290 (0'11")
	Travel speed (Low/High)		km/h (MPH)	2.8 (1.7)/4.6 (2.9)
	Swing speed		rpm	9.0



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