TEN00099-01

Operation & Maintenance Manual

GALEO PC27MR-2 PC35MR-2

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC27MR-15001 and up
PC35MR- 5566

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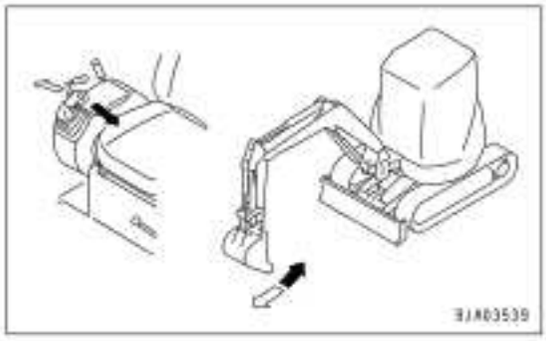
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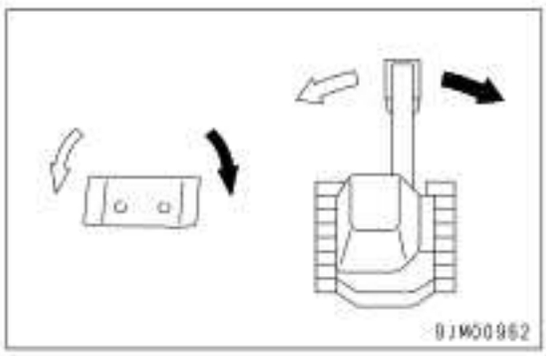
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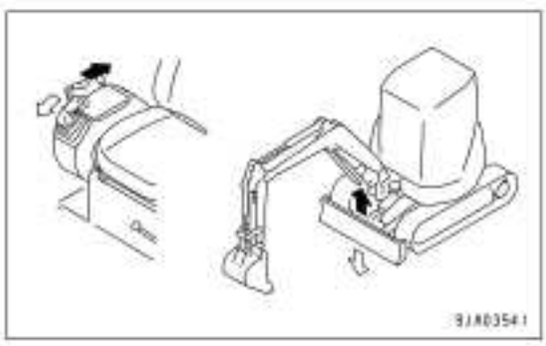
- Bucket control
  Move the right work equipment control lever to the left or right to operate the bucket.



- Boom swing operation
  The boom swing operation can be carried out with the boom swing control pedal.



- Blade control
  Move the lever on the right side of the operator's seat to the front or rear to operate the blade.



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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

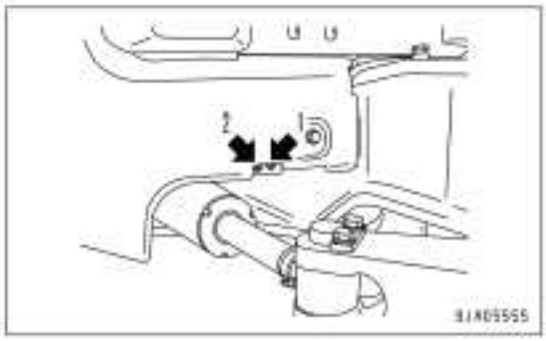
For the first 100 hours on new machines where the parts are settling in, carry out greasing every 10 hours.

- 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)

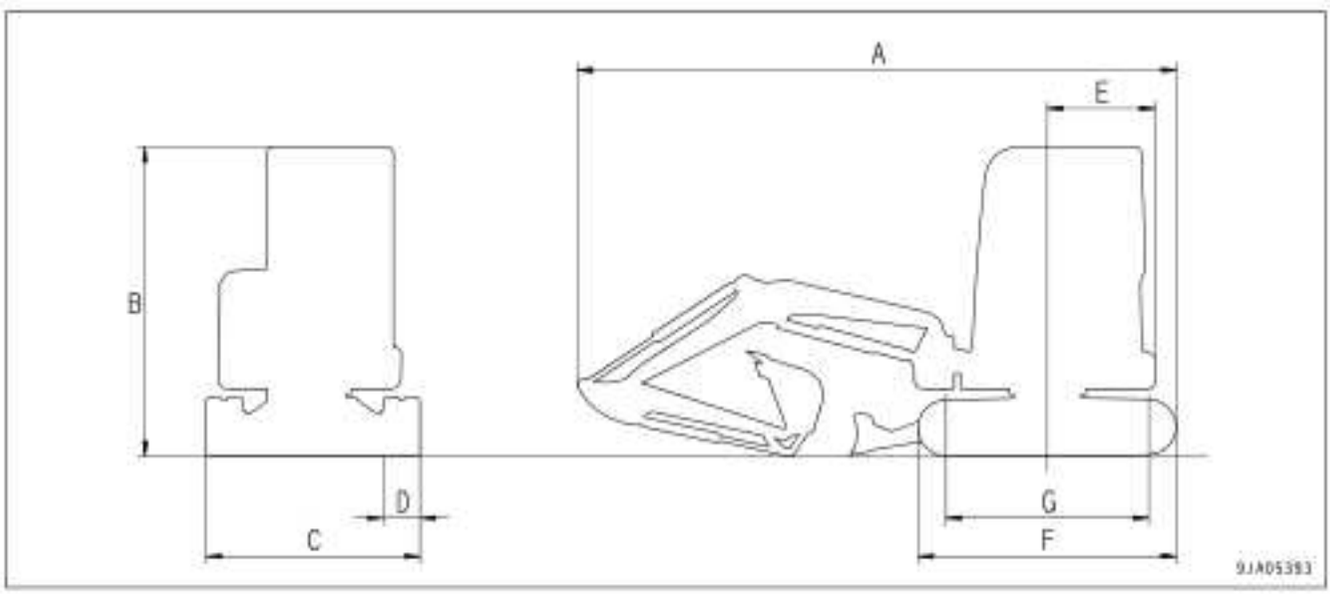
When lubricating the swing circle and swing pinion, turn the chassis little by little to change the position while carrying out the lubrication.



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SPECIFICATIONS

	Item		Unit	PC27MR-2	PC35MR-2
	Operating Weight	Canopy specified	kg (lb)	2,780 (6,130)	3,740 (8,247)
		Cab specified		2,955 (6,516)	3,915 (8,633)
	Bucket capacity		m^3 (cu.yd)	0.08 (0.10)	0.11 (0.14)
	Name of engine		-	Komatsu 3D82AE-5M diesel engine	Komatsu 3D88E-5P diesel engine
	Engine horsepower		kW (HP)/rpm	19 (26)/2,600	21.7 (29.1)/2,400
A	Overall length		mm (ft in)	4,320 (14' 2")	4,850 (15' 11")
B	Overall height		mm (ft in)	2,530 (8' 4")	
C	Overall width		mm (ft in)	1,550 (5' 1")	1,740 (5' 9")
D	Track width		mm (ft in)	300 (11.8")	
E	Radius of upper structure	Canopy specified	mm (ft in)	775 (2' 7")	950 (3' 1")
		Cab specified		775 (2' 7")	950 (3' 1")
F	Length of track		mm (ft in)	1,950 (6' 5")	2,105 (6' 11")
G	Tumbler center distance		mm (ft in)	1,485 (4' 10")	1,650 (5' 5")
	Min. ground clearance		mm (ft in)	320 (1')	290 (11.4")
	Travel speed (Low/High)		km/h (MPH)	2.6/4.6 (1.6/2.9)	2.8/4.6 (1.7/2.9)
	Swing speed		rpm	9.2	9.0



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