TEN00194-00

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

GALEO

PC27MR-2
PC35MR-2

SERIAL NUMBERS PC27MR- 17902 and up
PC35MR- 9242

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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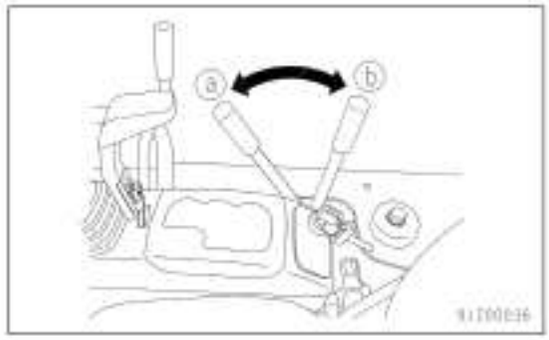
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Fuel Control Lever

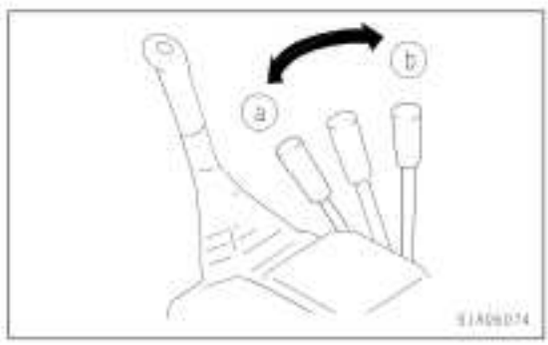
This lever (4) is used to control the engine speed and output.
(a) Low idle: Push the lever fully
(b) High idle: Pull the lever fully



Blade Control Lever

NOTICE
When digging operations using the blade are continued for more than one hour, pay careful attention to the rise in the coolant temperature.

This lever (5) is used to control the blade.
(a) Lower
(b) Raise



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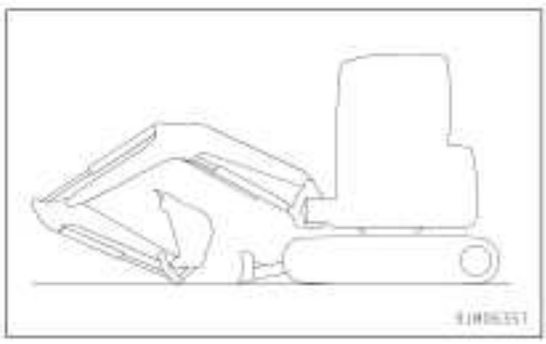
Lubricating Work Equipment

NOTICE

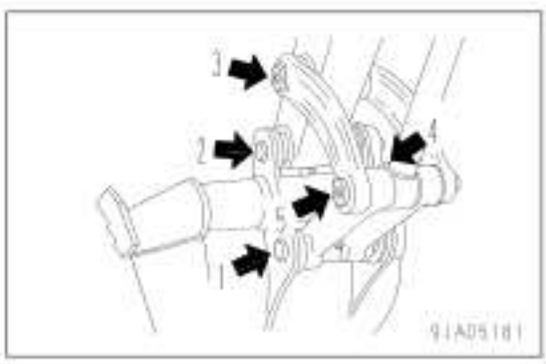
- **When breaking in a new machine, carry out lubrication every 10 hours for the first 100 hours of operation.**
- **If any abnormal sound comes from the greasing point, carry out greasing regardless of the inspection and maintenance interval.**
- **After carrying out digging work in water, always lubricate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

- Prepare a grease pump

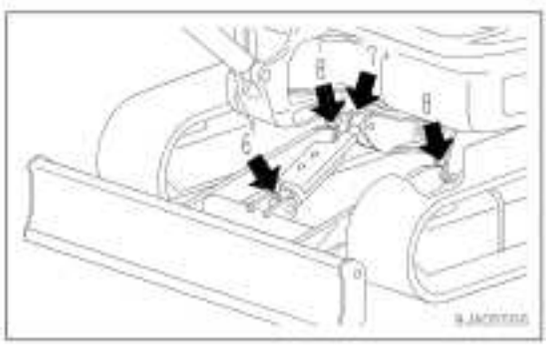
1. Set the machine to the greasing posture shown on the right diagram, lower the work equipment to the ground, then stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



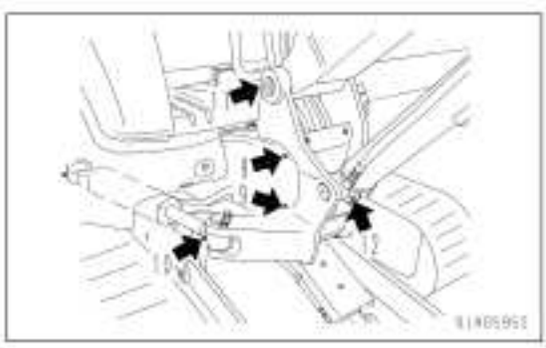
(1) Bucket - Link connecting pins (1 place)
(2) Arm - Bucket connection pin (1 place)
(3) Arm - Link coupling pin (1 place)
(4) Bucket cylinder rod end (1 place)
(5) Link coupling pin (1 place)



(6) Blade cylinder foot pin (1 place)
(7) Blade cylinder rod end (1 place)
(8) Blade foot pin (2 places)

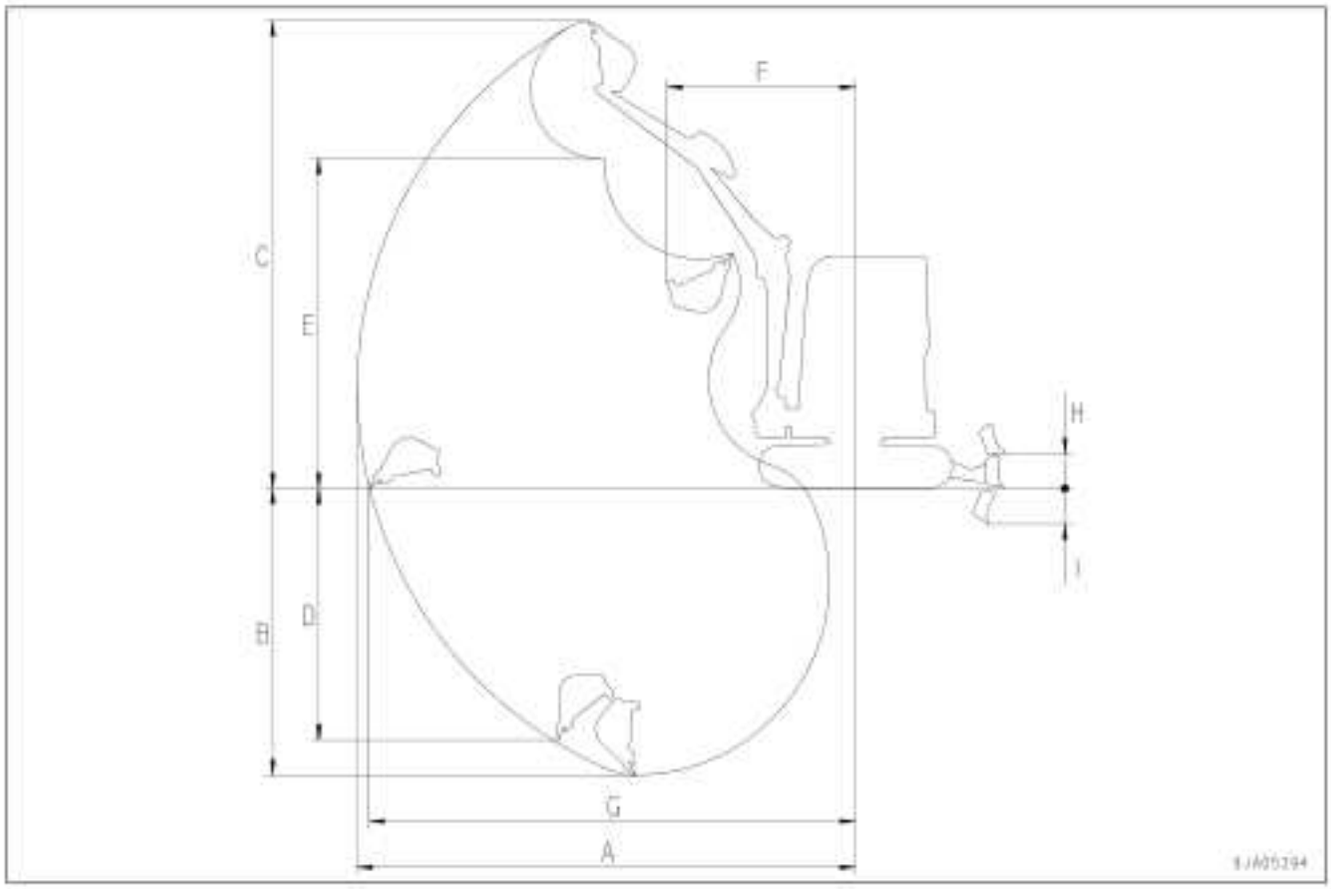


(9) Boom swing bracket pin (2 places)
(10) Boom swing cylinder rod end pin (1 place)
(11) Boom foot pin (1 place)
(12) Boom cylinder foot pin (1 place)



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	Working ranges		Unit	PC27MR-2	PC35MR-2
A	Max. digging reach		mm (ft in)	4,700 (15' 5")	5,360 (17' 7")
B	Max. digging depth		mm (ft in)	2,650 (8' 8")	3,170 (10' 5")
C	Max. digging height	Canopy specified	mm (ft in)	4,500 (14' 9")	5,010 (16' 5")
		Cab specified	mm (ft in)	4,500 (14' 9")	5,010 (16' 5")
D	Max. vertical wall depth		mm (ft in)	2,185 (7' 2")	2,720 (8' 11")
E	Max. dumping height	Canopy specified	mm (ft in)	3,230 (10' 7")	3,530 (11' 7")
		Cab specified	mm (ft in)	3,230 (10' 7")	3,530 (11' 7")
F	Minimum swing radius of work equipment		mm (ft in)	1,910 (6' 3")	2,080 (6' 10")
	Minimum swing radius of work equipment (at boom swing)		mm (ft in)	1,510 (4' 11")	1,590 (5' 3")
G	Max. reach at ground level		mm (ft in)	4,550 (14' 11")	5,225 (17' 2")
H	Max. blade lifting height		mm (ft in)	360 (1' 2")	
I	Max. blade lowering depth		mm (ft in)	315 (1')	390 (1' 3")



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