Operation & Maintenance Manual

SEAM018300

avance

PC1100-6
PC1100LC-6
PC1100SP-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC1100-10001
PC1100LC-10001 and up
PC1100SP-10001

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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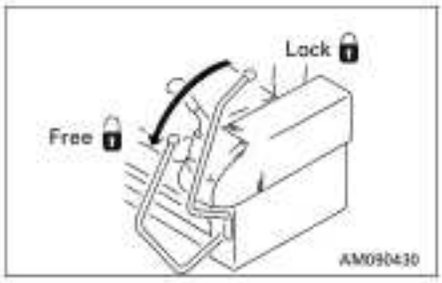
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SPECIFICATIONS

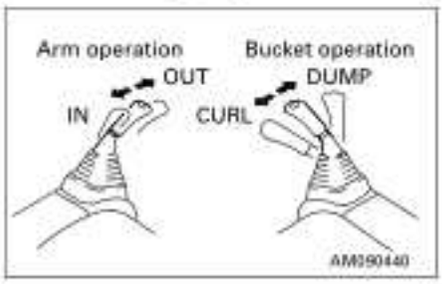
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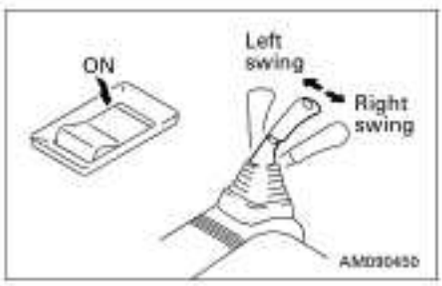
3. Set the safety lock lever ③ to the FREE position, and raise the bucket from the ground.



4. Operate bucket control lever ④ and arm control lever ⑤ slowly to move the bucket cylinder and arm cylinder to the end of the stroke.



5. Carry out bucket and arm operation for 5 minutes at full stroke, alternating between bucket operation and arm operation at 30 second intervals.

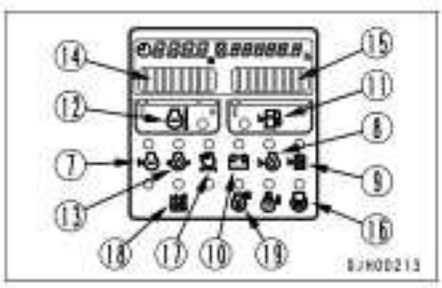


NOTICE

When the work equipment is retracted, take care that it does not interfere with the machine body or ground.

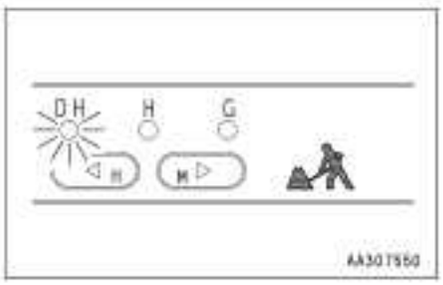
6. After carrying out the warming-up operation, check that each gauge and monitor lamp is in the following condition.

- Radiator water level monitor ⑦: OUT
- Engine oil level monitor ⑧: OUT
- Hydraulic oil level monitor ⑨: OUT
- Charge level monitor ⑩: OUT
- Fuel level monitor ⑪: OUT
- Engine water temperature monitor ⑫: OUT
- Engine oil pressure monitor ⑬: OUT
- Engine water temperature gauge ⑭: Inside green range
- Fuel gauge ⑮: Inside green range
- Engine pre-heating monitor ⑯: OUT
- Air cleaner clogging monitor ⑰: OUT
- Hydraulic oil temperature monitor ⑱: OUT
- Engine oil change monitor (set machine only) ⑲: OUT



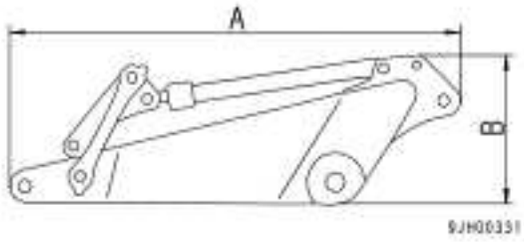
7. Check that there is no abnormal exhaust gas color, noise, or vibration. If any abnormality is found, repair it.

8. Press working monitor mode switch ② until required operation mode lamp is turned on.



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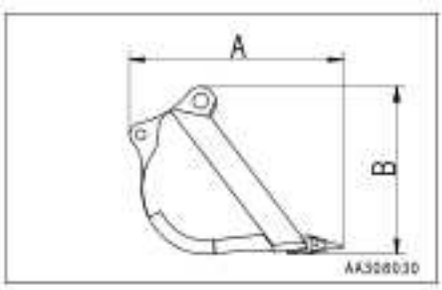
(2) Arm



Unit	PC1100-6 PC1100LC-6	PC1100SP-6
A (mm)	4,895	4,914
B (mm)	1,626	1,583
Overall width (mm)	890	890
Weight (kg)	5,700 (12,570 lb)	6,100 (13,450 lb)

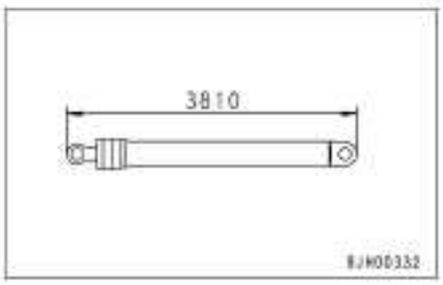
(3) Bucket (excluding side cutter and shroud)

Unit	PC1100-6 PC1100LC-6	PC1100SP-6
A (mm)	2,703	2,714
B (mm)	2,121	2,284
Overall width (mm)	2,050	2,280
Weight (kg)	4,400 (9,700 lb)	5,300 (11,690 lb)



(4) Boom cylinder (same for all models)

Weight: 2,400 kg
(1,200 kg x 2 pieces)
5,290 lb
(2,645 lb x 2 pieces)



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