Operation & Maintenance Manual

SEAM034104T

[redacted]

PC60-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC60-59597 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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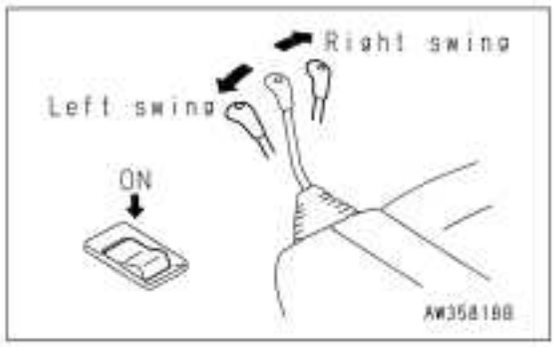
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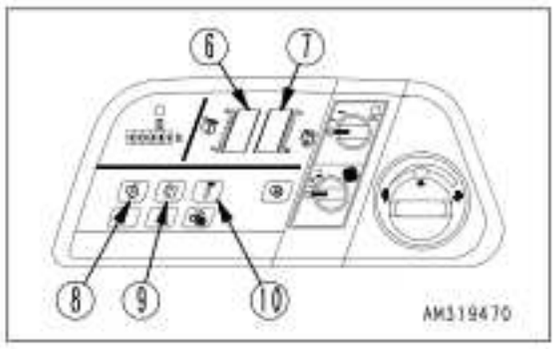
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4. Carry out bucket and arm operation for 5 minutes at full stroke, alternating between bucket operation and arm operation at 30 second intervals.
If the swing lock switch (5) is set to the ON (actuated) position and swing control lever (4) is operated at full stroke, oil temperaturerise can be increased earlier.

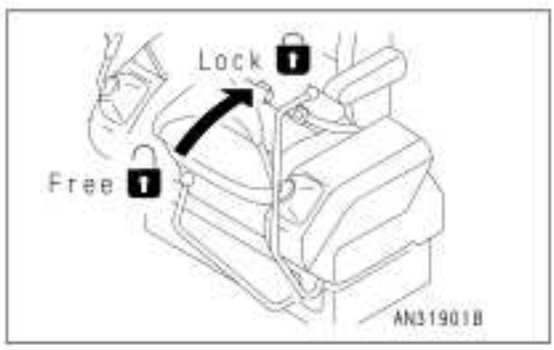


5. After carrying out the warming-up operation, check that each gauge and monitor lamp is in the following condition.
   - Engine water temperature gauge (6) . Inside green range
   - Fuel gauge (7) . Inside green range
   - Engine oil pressure monitor (8) . OUT
   - Charge level monitor (9) . OUT
   - Automatic greasing monitor (10) . OUT



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

7. Set lock lever (2) to the LOCK position and check that it is impossible to operate the swing and work equipment with the left and right work equipment control levers.



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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Carry out the following maintenance only after the first 250 hours of operation on new machines.

- Change Oil In Engine Oil Pan, Replace Engine Oil Filter Cartridge
- Replace Fuel Filter Cartridge
- Check and adjust engine valve clearance

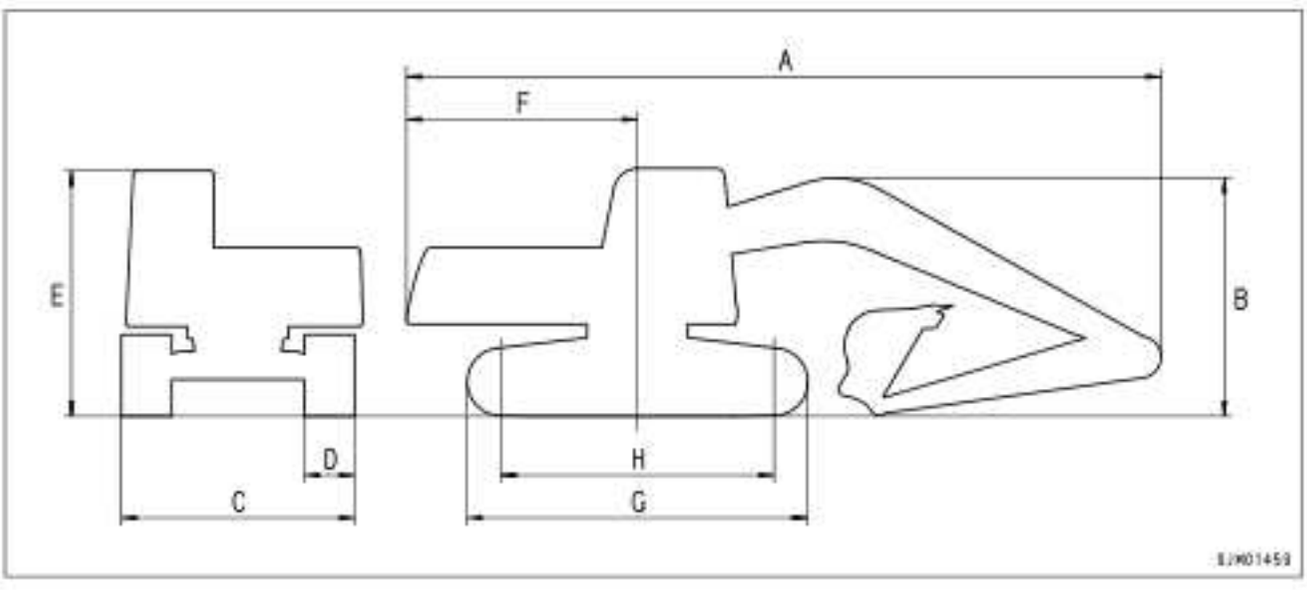
  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

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SPECIFICATIONS

	Item	Unit	PC60-7 AVANCE	PC60-7 AVANCE long arm specified
	Operating weight	kg(lb)	6200(13,671)	6270(13,825)
	Operating weight (with blade specification)	kg(lb)	6800(14,994)	6800(14,994)
	Bucket capacity	m^3 (cu.yd)	0.25(0.32)	0.18(0.23)
	Name of engine	—	Komatsu 4D95LE-2 diesel engine	
	Engine horsepower	kW(HP)/rpm	29.79(40)/2100	29.79(40)/2100
A	Overall length	mm(ft in)	6080(19'11")	6080(19'11")
B	Overall height	mm(ft in)	2500(8'2")	2500(8'2")
C	Overall width	mm(ft in)	2150(7'1")	2150(7'1")
	Overall width (with blade specification)	mm(ft in)	2260(7'5")	2260(7'5")
D	Track width	mm(ft in)	450(1'6")	450(1'6")
E	Height of cab	mm(ft in)	2590(8'6")	2590(8'6")
F	Tail swing radius	mm(ft in)	1750(5'9")	1750(5'9")
G	Overall length of track	mm(ft in)	2760(9'1")	2760(9'1")
H	Length of track on ground	mm(ft in)	2130(6'12")	2130(6'12")
	Min. ground clearance	mm(ft in)	350(1'2")	350(1'2")
	Travel speed (Low/High)	km/h(MPH)	2.8(1.7)/4.5(2.8)	2.8(1.7)/4.5(2.8)
	Swing speed	rpm	12.0	12.0



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