UEAD000401

Operation & Maintenance Manual

PC150-6K
PC150LC-6K

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC150-6K - K32001 and up
PC150LC-6K - K32001

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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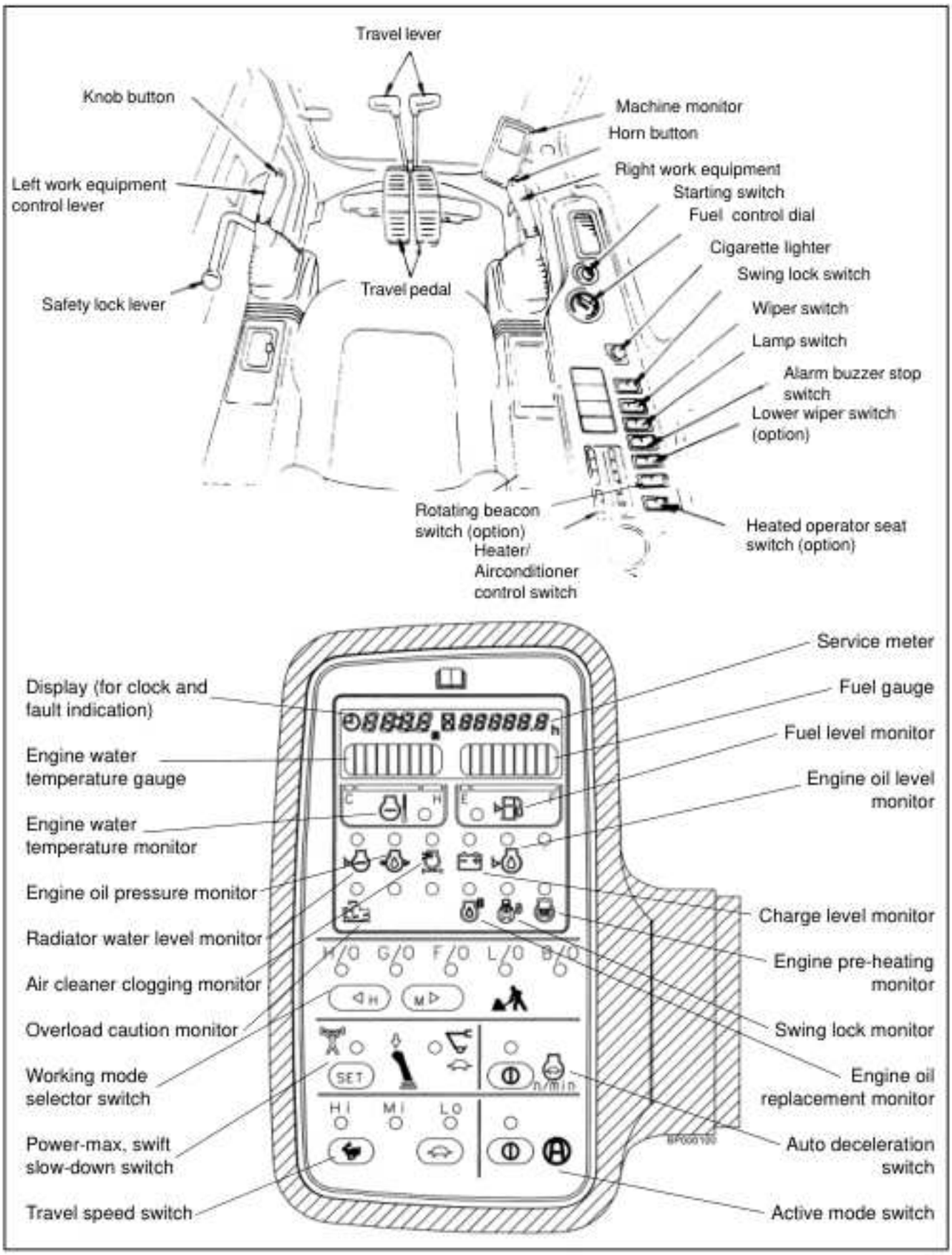
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10.2 GENERAL VIEW OF CONTROLS AND GAUGES



PC150/150LC-6K-ENG,USA

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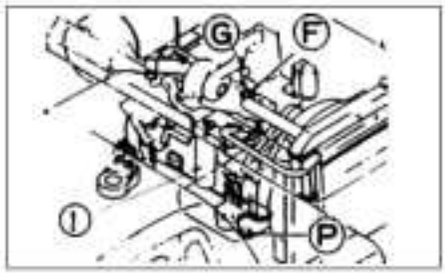
24.5.3 CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE

Perform this maintenance every 500 hours on machines equipped with bypass filter.

⚠ WARNING

The oil is at high temperature after the engine has been operated, so never change the oil immediately after finishing operations. Wait for the oil to cool down before changing it.

Prepare the following
- Container to catch drained oil: Min 17.0 ℓ capacity (PC150/150LC-6) (4.2 US gal)
- Refill capacity: /16.0 ℓ (PC 150/150LC-6)
- Filter wrench



1. Remove the inspection cover of the undercover directly under drain plug Ⓟ under the machine, then place a container to catch the oil.
2. Lower the lever of drain valve Ⓟ slowly to to prevent getting oil on yourself, and drain the oil. After draining the oil, raise the lever to close the valve.
3. Check the drained oil, and if there are excessive metal particles or foreign material, please contact your distributor.
4. Tighten drain valve Ⓟ.
5. Using the filter wrench from the lower side of the engine, turn filter cartridge ① counterclockwise to remove it.
   In particular, if this operation is carried out immediately after stopping the engine, a large amount of oil will come out, so wait for 10 minutes before starting the operation.
6. Clean the filter holder.

REMARK

Confirm that no remnants of old packing still adhere to the filter holder as this may result in oil leakage.

NOTICE: Do not tighten filter or use any tools for installation be cause this can damage the gasket and filter.

7. Fill the new filter with clean oil.
8. Install the new filter by applying a little engine oil to the seal and thread the filter on by hand by turning it clockwise until hand tight.
9. After replacing the filter cartridge, add engine oil throughoil filler Ⓕ until the oil level is between the H and L marks on dipstick Ⓖ.

For details of the oil to use, see 20 "USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE" on page 3-12.

NOTICE

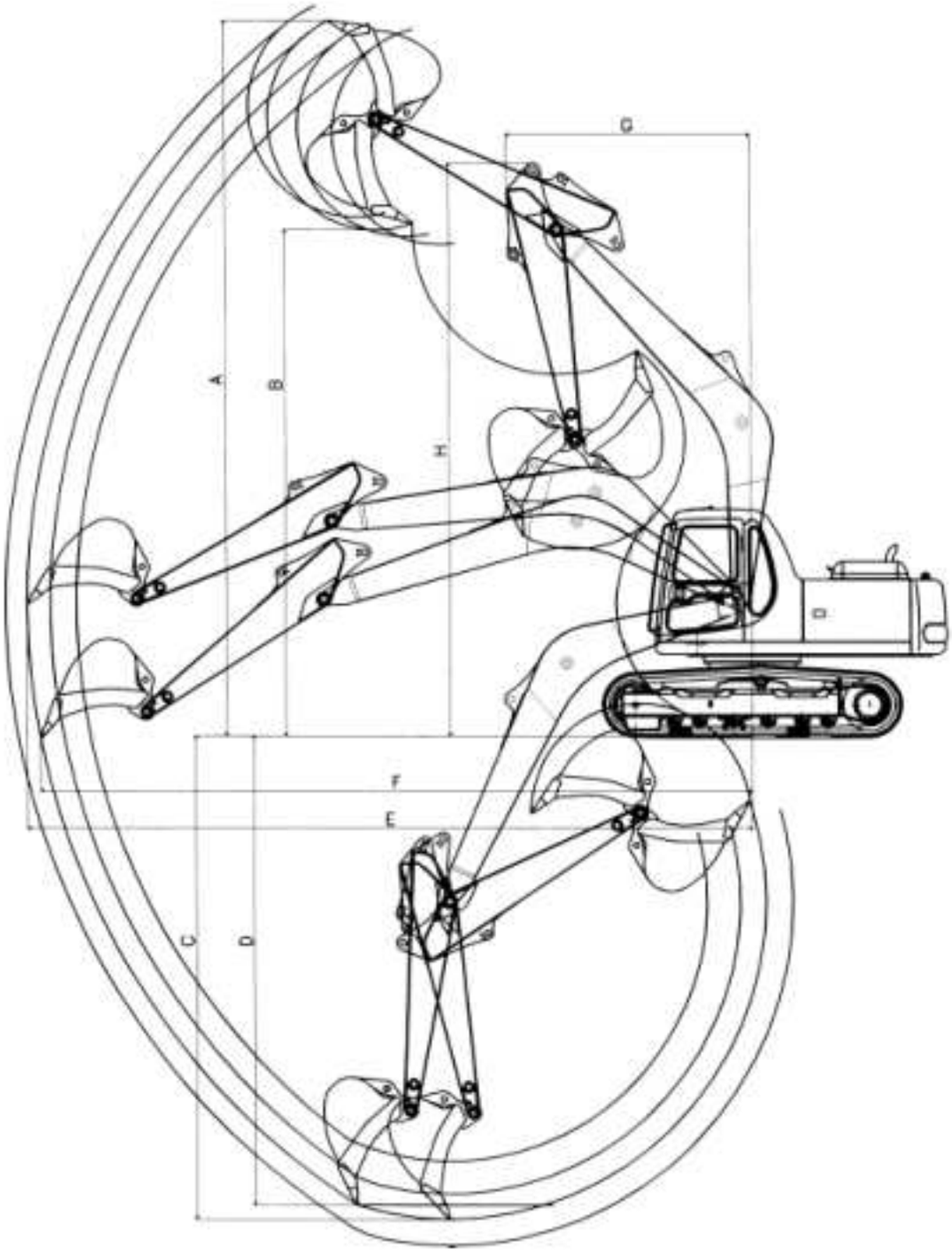
Even if the machine has not been operated for 500 hours, the oil and filter cartridge must be replaced when the machine has been operated for 6 months.

In the same way, even if the machine has not been operated for 6 months, the oil and filter cartidge must be replaced when the machine has been operated for 500 hrs.

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	Arm length	1850 mm	06'01"	2250 mm	07'01"	2620 mm	08'01"	2900 mm	09'01"
A	Max. digging height	8735 mm	28'01"	8800 mm	28'01"	8865 mm	29'01"	9015 mm	29'01"
B	Max. dumping height	6090 mm	19'01"	6180 mm	20'01"	6280 mm	20'01"	6430 mm	21'01"
C	Max. digging depth	5240 mm	17'01"	5645 mm	18'01"	6000 mm	19'01"	6290 mm	20'01"
D	Max. digging depth of cut for 8' level	4990 mm	16'01"	5415 mm	17'01"	5780 mm	18'01"	6080 mm	19'01"
E	Max. digging reach	8355 mm	27'01"	8675 mm	28'01"	8960 mm	29'01"	9230 mm	30'01"
F	Max. digging reach at ground	8190 mm	26'01"	8515 mm	27'01"	8805 mm	28'01"	9080 mm	29'01"
G	Min swing radius	3360 mm	11'01"	3060 mm	10'01"	3000 mm	09'01"	3010 mm	09'01"
H	Work equipment height at min swing radius	7170 mm	23'01"	7100 mm	23'01"	7080 mm	23'01"	7100 mm	23'01"



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