SEAM034100

Operation & Maintenance Manual

KOMATSU®

PC60-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS **PC60-7 -58001** and up

July 1999

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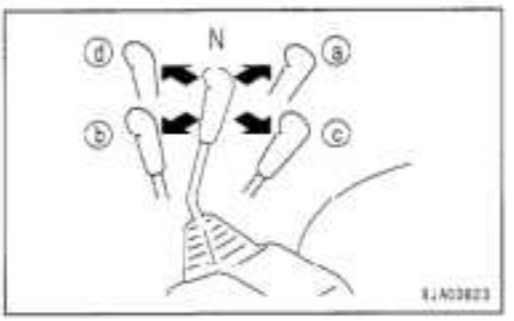
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Work Equipment Control Lever

This Left work equipment control lever(2) is used to operate the arm and upper structure.

Arm operation Swing operation

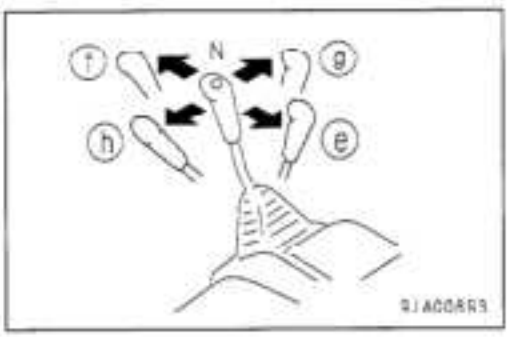
(a) Arm OUT
(b) Arm IN
(c) Swing to right
(d) Swing to left
N (Neutral): The upper structure and arm are held in position and do not move.



This Right work equipment control lever(3) is used to operate the arm and upper structure.

Boom operation Bucket operation

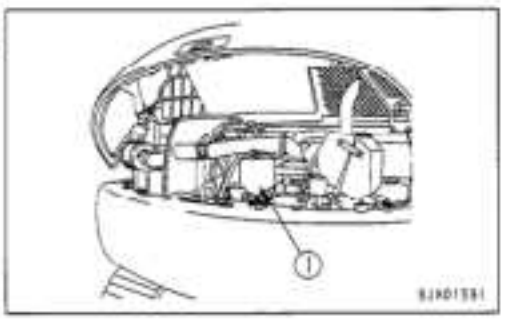
(e) RAISE
(f) LOWER
(g) DUMP
(h) CURL
N (Neutral): The boom and bucket are held in position and do not move.



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Windshield Washer Fluid Level - Check/Add

If there is air in the window washer fluid, check the level of the fluid in window washer tank (1). Add automobile window washer fluid if necessary.



When adding fluid, be careful not to let any dust get in.

Washer Fluid Dilution Ratio

The proportion differs according to the ambient temperature, so dilute the washer fluid with water to the following proportions before adding.

Area, season	Proportions	Freezing temperature
Normal	Washer fluid 1/3 : water 2/3	10°C (14°F)
Winter in cold area	Washer fluid 1/2 : water 1/2	-20°C (-4°F)
Winter in extremely cold area	Pure washer fluid	-30°C (-22°F)

There are two types depending on the freezing temperature:
-10°C (14°F) (general use) and -30°C (-22°F) (cold area use), so select according to the area and season.

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EVERY 500 HOURS MAINTENANCE

Maintenance for every 50, 100 and 250 hours service should be carried out at the same time.

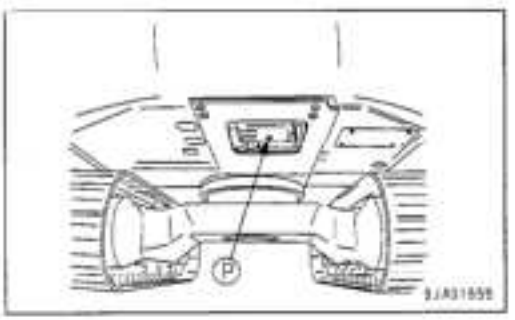
Change Oil In Engine Oil Pan, Replace Engine Oil Filter Cartridge

⚠ WARNING

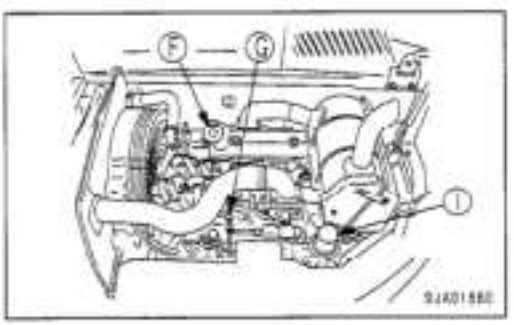
The parts and oil are at high temperature after the engine is stopped, and may cause serious burns. Wait for the temperature to go down before starting the operation.

- Container to catch drained oil: Min. 10.5 ℓ
  Refill amount: 10.5 ℓ (2.77 US gal, 2.31 uk gal)
- Prepare a filter wrench.

1. Set a container to catch the oil immediately under the drain plug (P) at the bottom of the machine.
2. Remove drain plug (P) slowly to avoid getting oil on yourself, and drain the oil.
3. Check the drained oil, and if there are excessive metal particles or foreign material, please contact your Komatsu distributor.
4. Install drain plug (P).

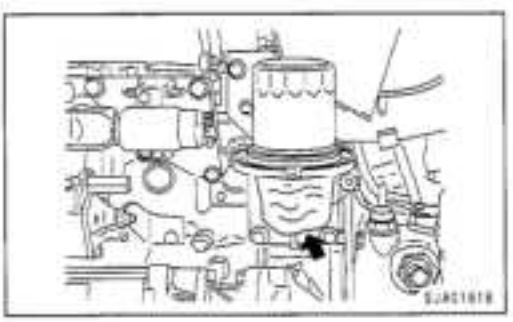


5. Open the engine hood, then using a filter wrench, turn filter cartridge (1) counterclockwise to remove it.



REMARK

Put a cloth in contact with the notched part of the oil container guide. This makes it possible to prevent the area around the filter holder from becoming dirty.



6. Clean the filter holder, then coat the thread and the packing portion of the new filter cartridge with clean engine oil (or coat thinly with grease), and install.

NOTICE

Check that the old packing is not stuck to the filter holder.
If there is any old packing, it will cause oil leakage.

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