TEN00323-01

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC2000-8

SERIAL NUMBERS 20150 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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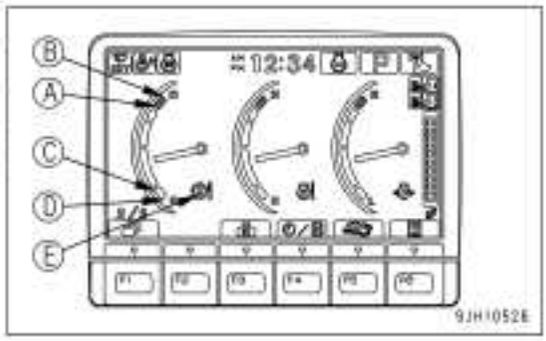
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PTO Temperature Gauge

This meter (10) shows the PTO oil temperature. The indicator should be in the green range during operations. If the indicator starts to enter red range (A) during operations, it shows that the PTO oil temperature is more than 122°C (251.6°F). If this happens, run the engine at low idling or stop the engine and wait for the PTO oil temperature to go down to the correct range.

- (A) - (B): Red range
- (A) - (C): Green range
- (C) - (D): White range



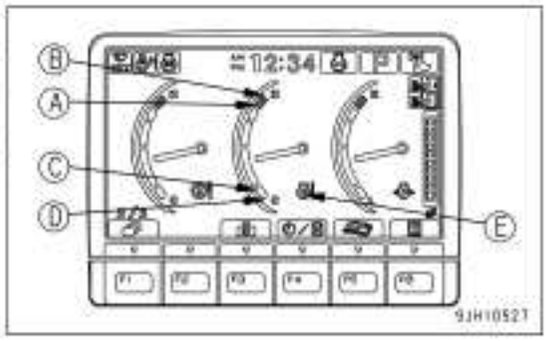
REMARK

- When the indicator enters red range (A) - (B), the PTO oil temperature is as follows.
  Red range position (A): More than 122°C (251.6°F)
  Red range position (B): More than 125°C (257.0°F)
- When the indicator is in red range (A) - (B), the PTO oil temperature monitor (E) lights up red.
- When the engine is started, if the indicator is at position (D), the PTO oil temperature is below 0°C (32.0°F) and PTO oil temperature monitor (E) lights up white. In this case, carry out the warming-up operation. For details, see "Engine Warm Up (PAGE 3-211)" and "Hydraulic Equipment Warm Up (PAGE 3-213)".

Engine Oil Temperature Gauge

This meter (11) shows the engine oil temperature. The indicator should be in the green range during operations. If the indicator starts to enter red range (A) during operations, it shows that the engine oil temperature is more than 122°C (251.6°F). If this happens, run the engine at low idling or stop the engine and wait for the engine oil temperature to go down to the correct range.

- (A) - (B): Red range
- (A) - (C): Green range
- (C) - (D): White range



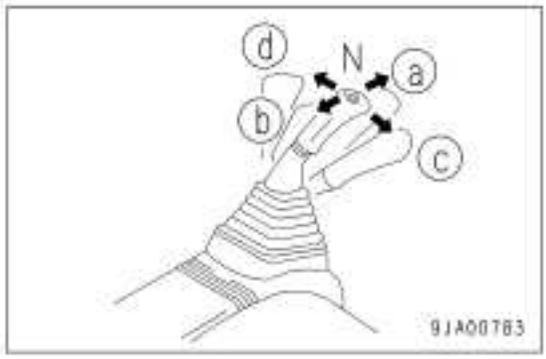
REMARK

- When the indicator enters red range (A) - (B), the engine oil temperature is as follows.
  Red range position (A): More than 122°C (251.6°F)
  Red range position (B): More than 125°C (257.0°F)
- When the indicator is in red range (A) - (B), engine oil temperature monitor (E) lights up red.
- When the engine is started, if the indicator is at position (D), the PTO oil temperature is below 0°C (32.0°F) and PTO oil temperature monitor (E) lights up white.
  In this case, carry out the warming-up operation. For details, see "Engine Warm Up (PAGE 3-211)" and "Hydraulic Equipment Warm Up (PAGE 3-213)".

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Work Equipment Control Lever

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

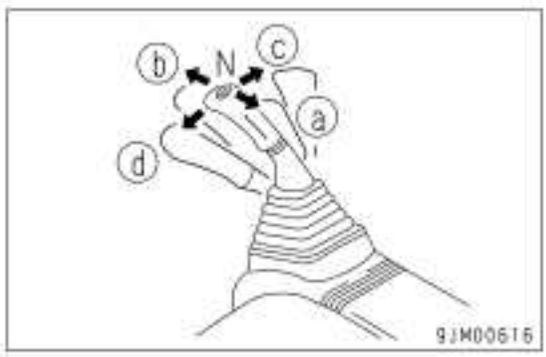


Arm operation
(a) Arm OUT
(b) Arm IN

Swing operation
(c) Swing to right
(d) Swing to left

N (Neutral) : The upper structure and arm are held in position and do not move.

Right work equipment control lever (4) is used to operate the boom and bucket.



Boom operation
(a) RAISE
(b) LOWER

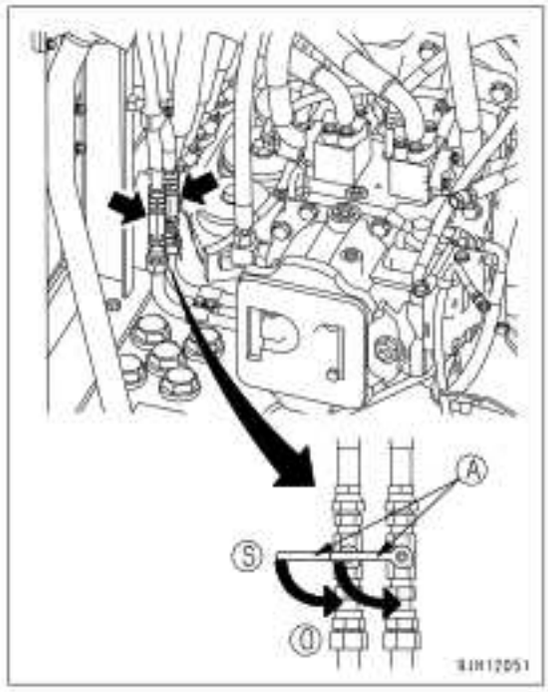
Bucket operation
(c) DUMP
(d) CURL

N (Neutral) : The boom and bucket are held in position and do not move.

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11. Replace the filter cartridge and bleed the air. When replacing the fuel main filter cartridge (every 1000 hours), see "REPLACE FUEL MAIN FILTER CARTRIDGE (PAGE 4-86)".
12. Push down fuel shut-off lever (A) installed to the front of the main pump inside the pump room so that it can supply fuel.

    (S) Shut off
    (O) Open



13. Start the engine, check that there is no leakage of fuel from the filter seal surface or water separator mounting surface, then run for approx. 10 minutes at low idling.

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