TEN00272-00

Operation & Maintenance Manual

BULLDOZER

D375A-5E0

SERIAL NUMBERS 50065 and up

ecot3

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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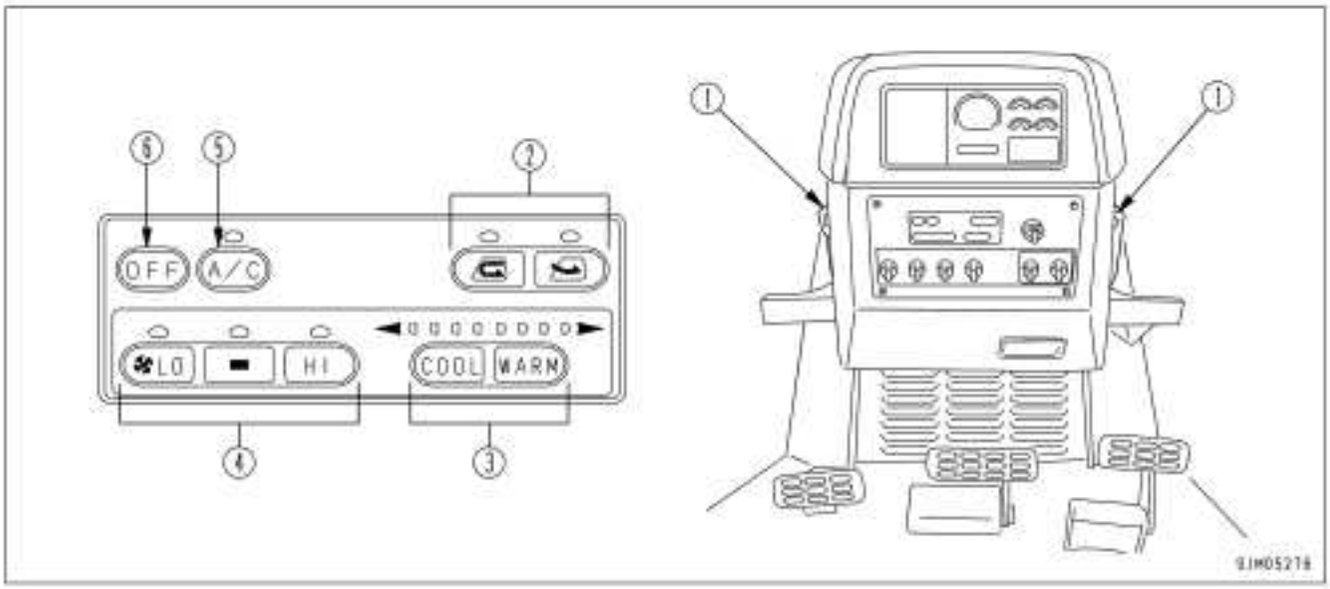
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AIR CONDITIONER, HANDLING

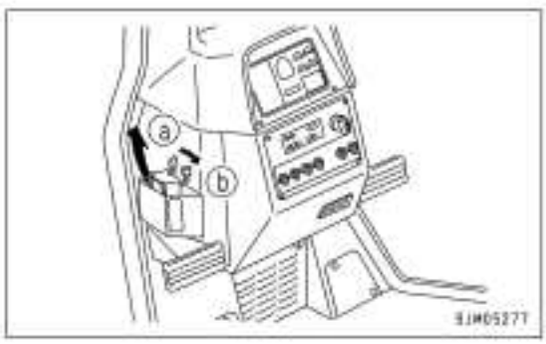
GENERAL LOCATIONS OF CONTROL PANEL



(1) Vent selector lever
(2) FRESH/RECIRC selector switch
(3) Temperature control switch
(4) Air flow selector switch
(5) Air conditioner switch
(6) OFF switch

VENT SELECTOR SWITCH (sending air to upper half of cab)

If lever (1) is pulled to position (b), the air from the air conditioner is all directed to the upper half of the cab.
This can be used when sending a cool breeze during hot weather.



VENT SELECTOR SWITCH (sending air to feet)

If lever (1) is pushed to position (a), the air from the air conditioner is all directed to the feet.
This can be used to send warm air to the feet during cold weather.



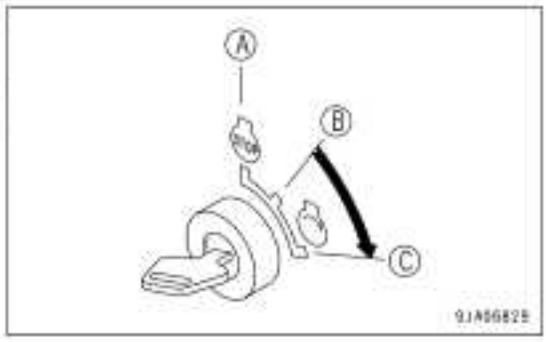
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7. Check that engine pre-heating pilot lamp (3) on the monitor panel lights up.
   If the engine pre-heating pilot lamp does not light, go on to step 9.



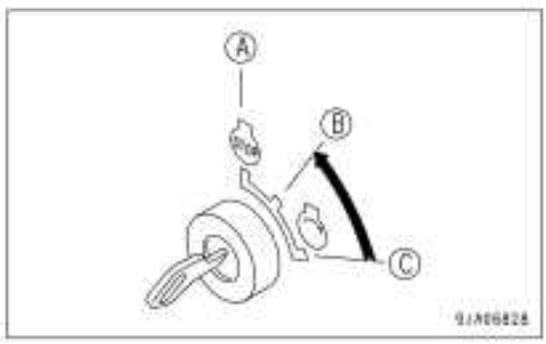
8. Keep in this condition until engine pre-heating pilot lamp (3) goes out.
   (Pre-heating is completed after approx. 12 seconds, and the lamp goes out.)

9. When preheating pilot lamp (3) goes off, turn the key of ignition switch (2) to the START position (C) to crank the engine.
   The time that preheating pilot lamp (3) stays on changes according to the ambient temperature as shown in the table below.



Ambient temperature	Pre-heat time
0°C to -10°C (32°F to 14°F)	0 to 15 seconds
-10°C to -20°C (14°F to -4°F)	15 to 30 seconds
-20°C to -30°C (-4°F to -22°F)	30 to 45 seconds
-30°C to (-22°F to)	45 seconds

10. When the engine starts, release the key in starting switch (2).
    The key will return automatically to the ON position (B).



REMARK
Immediately after starting the engine, run the engine at idling, and do not operate the accelerator pedal or work equipment during this time.
Guideline for idling time
- Cold weather: At least 15 seconds
- When first starting engine after changing oil or replacing engine oil filter: 20 seconds

11. When the engine rotation stabilizes, set fuel control dial (1) to low idle (MIN) position, then perform the warming-up operation.

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SERVICE PROCEDURE

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

Perform the following maintenance only after the first 250 hours.

- REPLACE TRANSMISSION FILTER ELEMENT AND TORQUE CONVERTER OIL FILTER ELEMENT
- Change power train oil (including the transmission case, torque converter case, bevel gear case), clean strainer
- Change oil in hydraulic tank, replace hydraulic oil filter element, clean hydraulic tank strainer
- Change oil in final drive case

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS, 1000 HOURS and 2000 HOURS SERVICE.

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