TEN00333-02

Operation & Maintenance Manual

BULLDOZER

D375A-6

SERIAL NUMBERS 60001 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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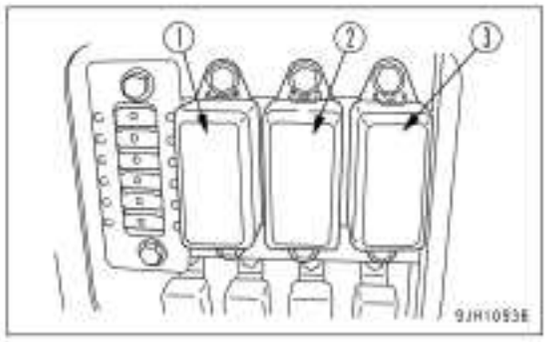
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FUSE CAPACITY AND NAME OF CIRCUIT

Fuse box (1)

NO.	Fuse capacity	Name of circuit
1	20A	VHMS controller power source
2	20A	Permanent power supply for controller
3	20A 30A	Permanent power supply for cab Permanent power supply for cab (For mining specification machine)
4	10A	Permanent power supply for converter
5	20A	Converter



Fuse box (2)

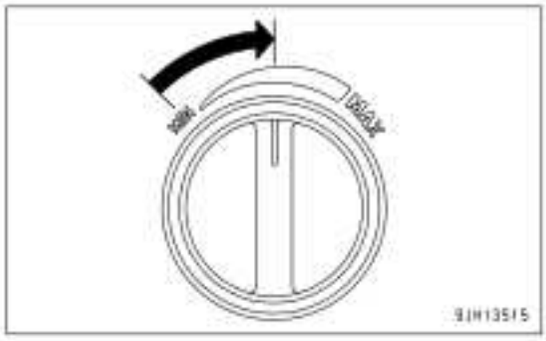
NO.	Fuse capacity	Name of circuit
1	5A	Back-up alarm
2	20A	Preheater power source, pin puller, air suspension seat
3	20A	Additional heater power source
4	20A	Working lamp
5	20A	Rear lamp

Fuse box (3)

NO.	Fuse capacity	Name of circuit
1	5A	Engine Controller, ACC
2	5A	Horn
3	20A	Spare power source (1)
4	20A	Spare power source (2)
5	20A	Spare ACC

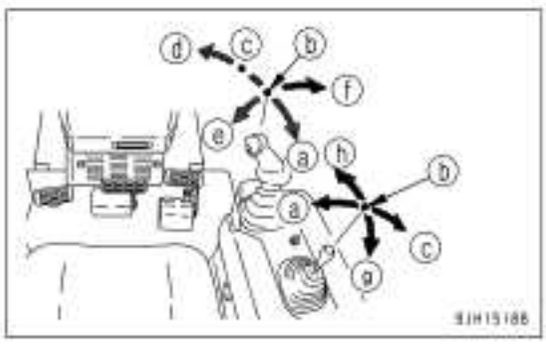
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3. Turn fuel control dial (2) to a point midway between low idling (MIN) and full speed (MAX).



4. Operate blade control lever (3) to the RAISE position, then keep the blade raised to the maximum height and continue to relieve the circuit for 10 minutes.

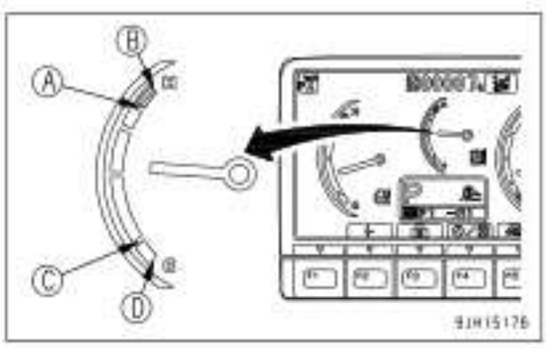
5. Finally, operate blade control lever (3) and ripper control lever (4) in all directions to actuate all the cylinders several times.
If the oil temperature in the work equipment is not thoroughly raised, there will be a delay in the reaction of the work equipment or steering.

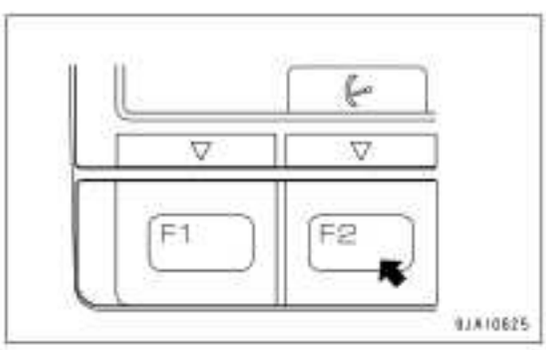


(a)Raise (e) Left tilt
(b)Hold (f) Right tilt
(c)Lower (g) Digging angle increased
(d)Float (h) Digging angle reduced

6. Check that the hydraulic oil temperature gauge is within the normal temperature range (A) to (C).
If the hydraulic oil temperature gauge is not within the correct range (it is within the low-temperature range), repeat the operation in Steps 4 and 5 or run the engine under light load until the gauge is within the normal temperature range.

REMARK
If the multi-gauge is displaying a display other than the hydraulic oil temperature monitor, press function key F2 to switch to the hydraulic oil temperature monitor.

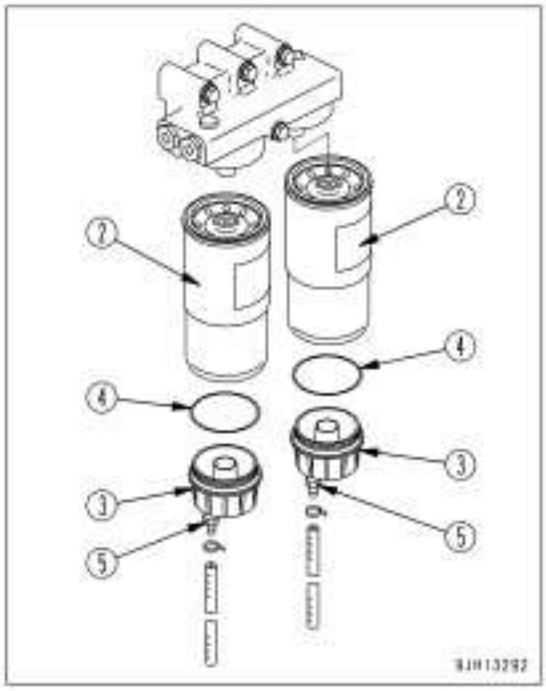




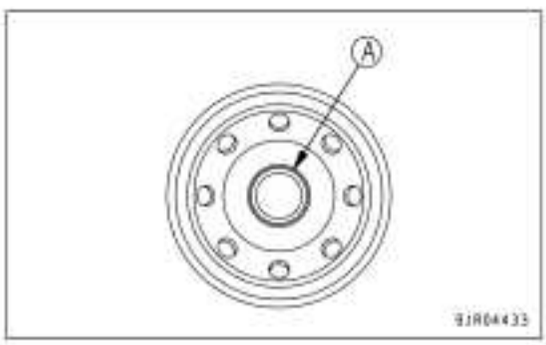
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3. Remove transparent cup (3) from the filter and inspect it. If it is broken or damaged, replace it with a new part.
4. Using a filter wrench, turn filter cartridge (2) counterclockwise to remove it.
5. Clean transparent cup (3) and remove seal (4). Coat the new seal with clean fuel or oil.
6. Install transparent cup (3) to the new filter cartridge.
   Tightening torque for cup: 10 Nm {1.0 kgm, 7.2 lbft}

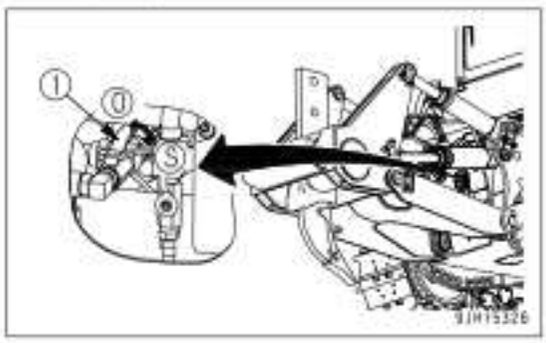
   When replacing the filter cartridge, check that drain plug (5) at the bottom of transparent cup (3) is securely tightened.
   (Tightening torque: 0.2-0.4 Nm {0.02 - 0.046 kgm, 0.1 - 0.3 lbft}



NOTICE
It is not necessary to fill the filter cartridge with oil.
Cap (A) is installed to prevent dirt from entering the inside of the filter cartridge.



7. Clean the filter holder.
8. Coat the packing surface of the filter cartridge with oil.
9. Remove filter cartridge cap (A) and install to the filter holder.
10. When installing, tighten until the packing surface contacts the seal surface of the filter holder, then tighten it 3/4 of a turn.
    If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten the correct amount.
11. Open fuel supply valve (1) on the fuel tank.
    (S): Shut off
    (O): Open



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