TEN00764-02

Operation & Maintenance Manual

BULLDOZER **D375A-8**

SERIAL NUMBERS 80001 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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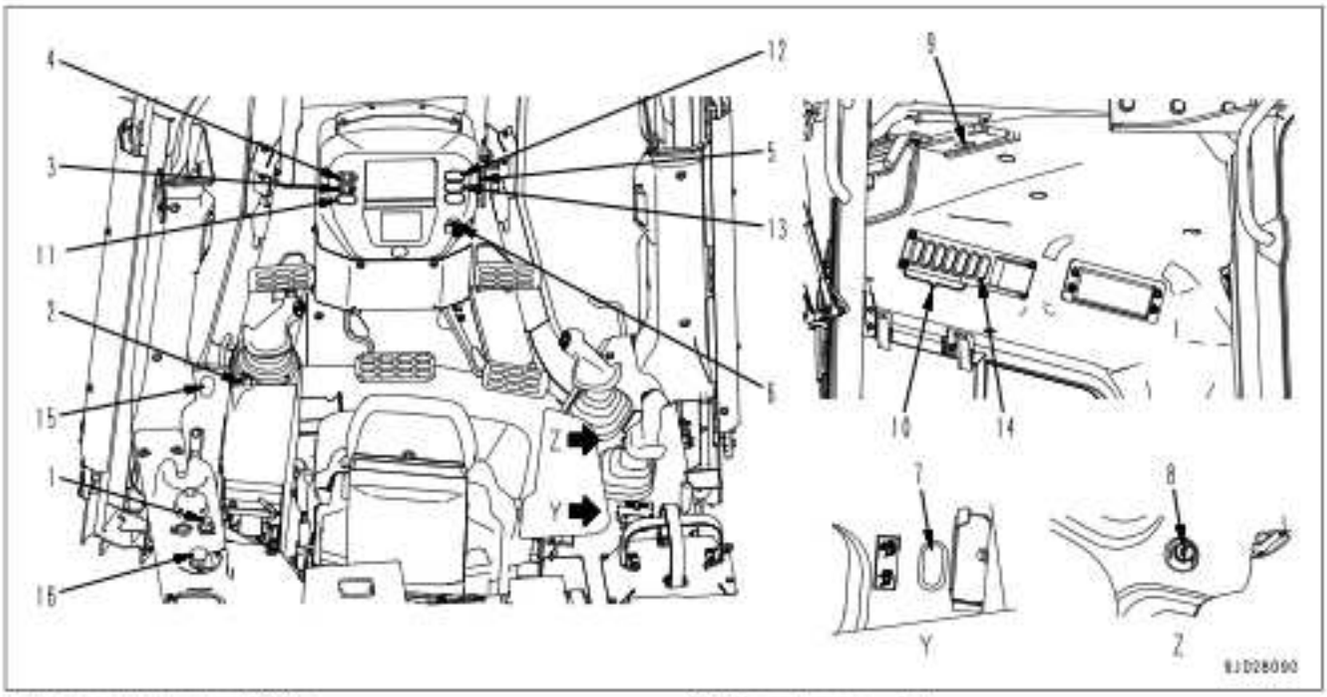
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SWITCHES



(1) Cigarette lighter (24V)
(2) Fuel control dial
(3) Rear lamp switch
(4) Headlamp switch
(5) Engine shutdown secondary switch
(6) Starting switch
(7) Pin puller control switch (if equipped)
(8) Horn switch
(9) Room lamp switch
(10) Wiper switch
(11) Engine room light switch (if equipped)
(12) Additional working lamp switch (if equipped)
(13) Access light switch (if equipped)
(14) Revolving lamp switch (if equipped)
(15) Console lifter switch
(16) Engine emergency shut down switch (if equipped)

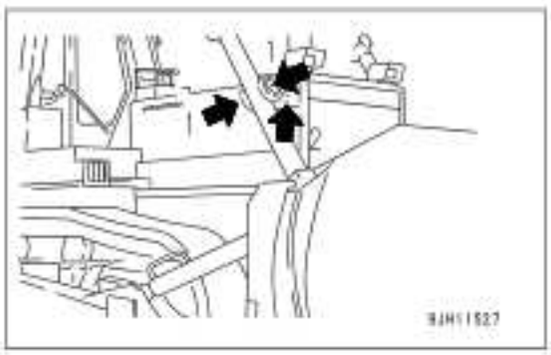
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EVERY 250 HOURS MAINTENANCE

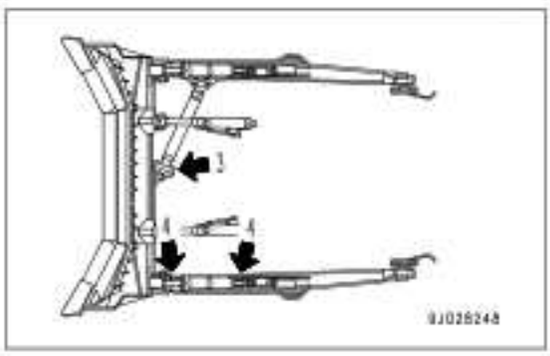
METHOD FOR LUBRICATING

1. Lower the work equipment to the ground.
2. Stop the engine.
3. By using a grease pump, pump in grease through the grease fitting shown by arrow.

(1) Brade lift cylinder support yoke (4 places)
(2) Brade lift cylinder support shaft (2 places)

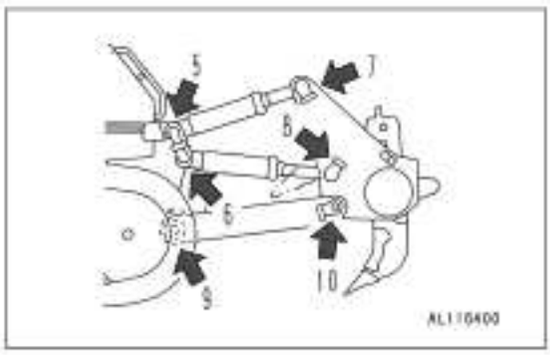


(3) Brace arm ball joint (1 place)
(4) Brace screw (2 places)



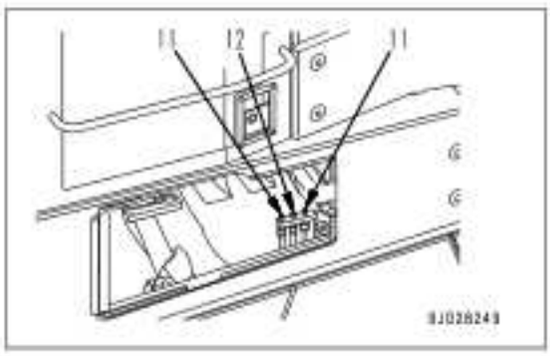
(5) Ripper tilt cylinder bottom pin (2 places)
(6) Ripper lift cylinder bottom pin (2 places)
(7) Ripper tilt cylinder rod end pin (2 places)
(8) Ripper lift cylinder rod end pin (2 places)
(9) Ripper arm pin (front side) (2 places)
(10) Ripper arm pin (rear side) (2 places)

The illustration at the right shows the giant ripper (if equipped).



(11) Suspension (equalizer bar shaft) (2 places)
(12) Suspension (equalizer bar center shaft) (1 place)

4. Perform the lubrication to the suspension (equalizer bar center shaft) through the grease fittings shown by arrow.
5. Operate the lubrication lever back and forth 3 to 5 times.



6. After greasing, wipe off any old grease that is pushed out.

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EVERY 2000 HOURS MAINTENANCE

Maintenance for every 250, 500, and 1000 hours services should be performed out at the same time.

METHOD FOR CHANGING OIL IN HYDRAULIC TANK, REPLACING HYDRAULIC OIL FILTER ELEMENT, AND CLEANING HYDRAULIC TANK STRAINER

⚠ WARNING

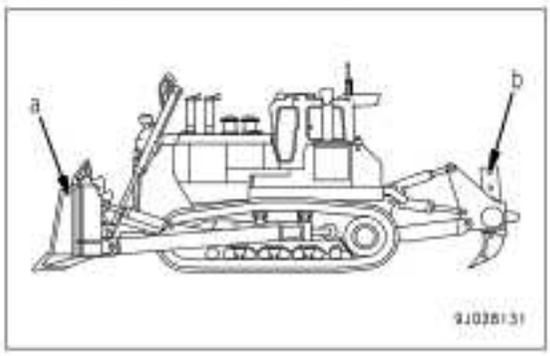
- **Immediately after the engine is stopped, its parts and oil are still very hot and may cause burn injury. Accordingly, wait until they have cooled down before starting the work.**
- **When removing the oil filler cap, the oil may spurt out. Turn it slowly to release the internal pressure, then remove it.**

- Refill capacity: 138 ℓ {36.5 U.S.Gal}

1. Stop the machine on a level place.
2. Set the machine in the posture shown below for checking the oil level, and stop the engine.

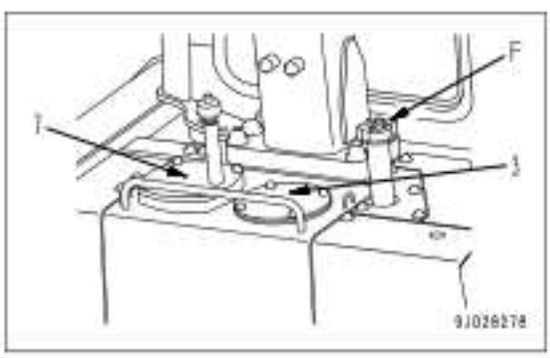
Lower the blade (a) to the ground so that the tilt cylinder length is the value in the following table.

Lower the ripper (b) to the ground with the pin at the bottom so that the length of each cylinder is the value in the following table.
<Reference>



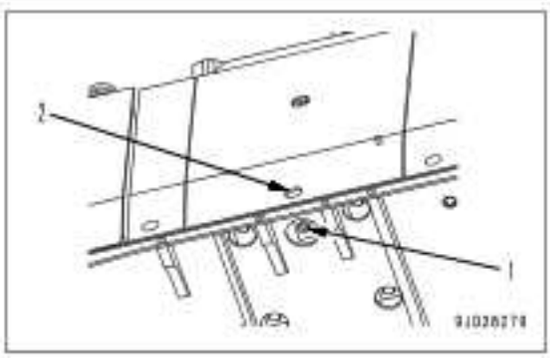
Item		Dimension
Blade (DUAL)	Tilt cylinder length	1587 mm{5 ft 2 in}
Blade (SINGLE)	Tilt cylinder length	1587 mm{5 ft 2 in}
	Brace	1587 mm{5 ft 2 in}
Ripper (VGR, VMR)	Lift cylinder length	1664 mm{5 ft 6 in}
	Tilt cylinder length	1409 mm{4 ft 7 in}

3. Turn the cap of the oil filler port (F) slowly and release the internal pressure.
4. Remove the cap.



5. Remove the drain plug (1) at the bottom of the hydraulic tank.
6. Loosen the drain valve (2) and drain the oil.

   When loosening the drain valve (2), be careful not to get splashed with oil.
7. After draining the oil, close the drain valve (2) and tighten the drain plug (1).



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