TEN00168-03

Operation & Maintenance Manual

MOBILE CRUSHER **BR380JG-1E0**

SERIAL NUMBERS 2001 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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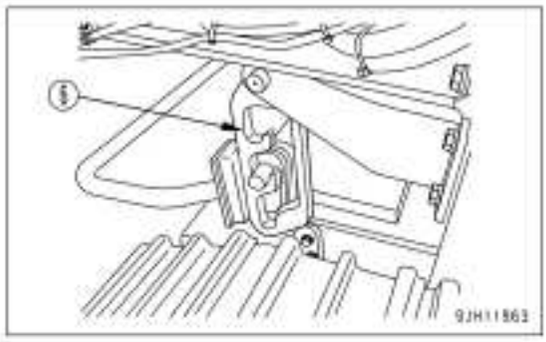
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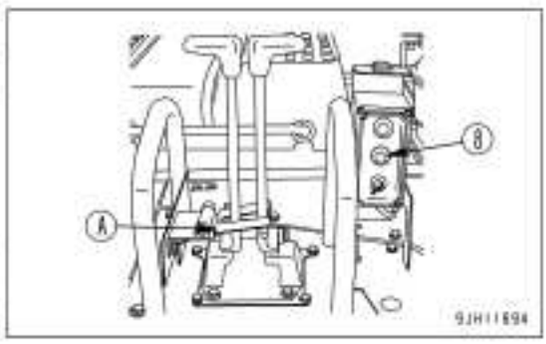
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8. Using the conveyor UP/DOWN control switch, set the mount hook to travel lock position (6).

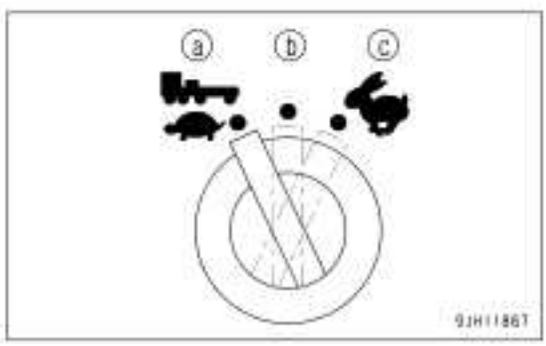


9. Remove travel lever lock (A).
10. Set travel speed selector switch (8) to low speed/trailer loading position (a), then angle travel lever (7) slowly to the rear to move the machine off.

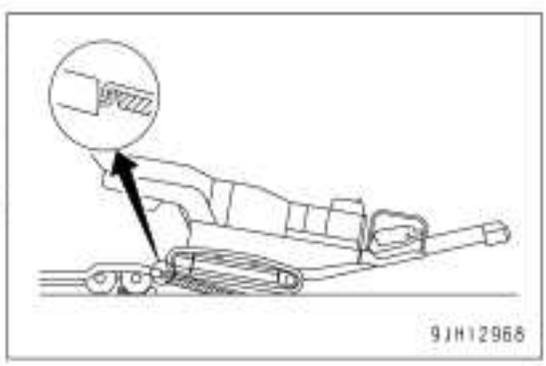


REMARK
Even when the radio control (if equipped) is used when traveling, it is possible to carry out loading and unloading of the machine. When using the radio control, check the surrounding area carefully before starting. For details of using the radio control, see "RADIO CONTROL UNIT (PAGE 6-4)".



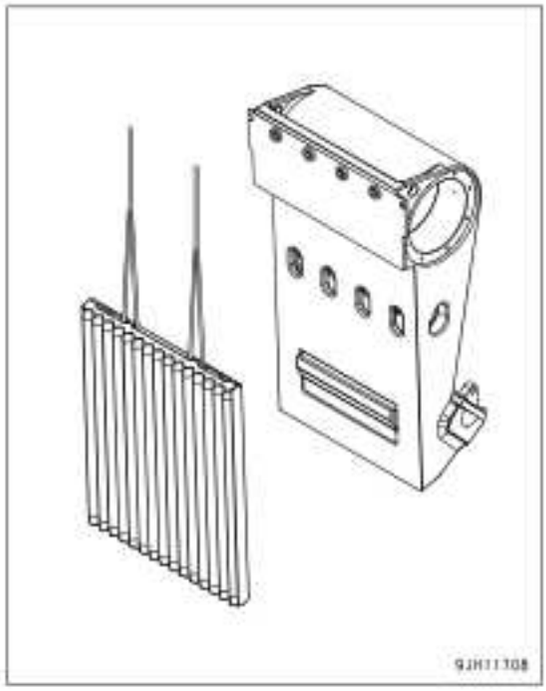


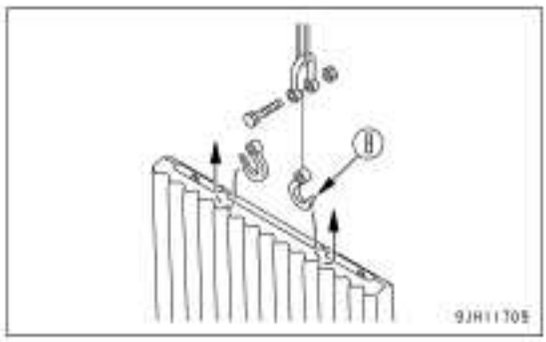
11. Before moving onto the ramps, check that the machine is facing the ramps directly and that the center line of the machine is aligned with the center line of the trailer.
Determine the direction for the ramps, then travel slowly in reverse.
When traveling on the ramps, use only the travel operation. Do not carry out any other operation.



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4. Fit swing jaw lifting hook (B) to the top surface of the swing jaw, then raise it.
(Weight of swing jaw: 735 kg (1,621 lb))





⚠ CAUTION

After detaching the swing jaw plate, completely remove soils, sand, etc. from the swing jaw plate fitting surfaces (swing jaw, each upper surface of swing jaw plate mount stopper and transverse stopper piece)
If not removed completely, they may cause a backlash on the swing jaw plate.

- When turning over, lower the swing jaw plate on top of a stand, then fit the wire to the hook on the opposite side, and insert again in the crusher frame.
- When replacing the swing jaw plate, lower the worn plate on to a block once. Lift up a new swing jaw plate with a wire rope and insert it into the crusher frame.

5. Install the swing jaw wedge and swing jaw wedge bolt.

When the swing jaw wedge is installed to the swing jaw plate, the wedge may not sit well with the plate due to burrs remaining on the contact face of either parts. In that case, remove the burrs before installing the wedge. If it is left unstable with burrs remaining, the wedge securing bolt may loosen during the initial running-in period of crushing operation and the machine may be damaged.

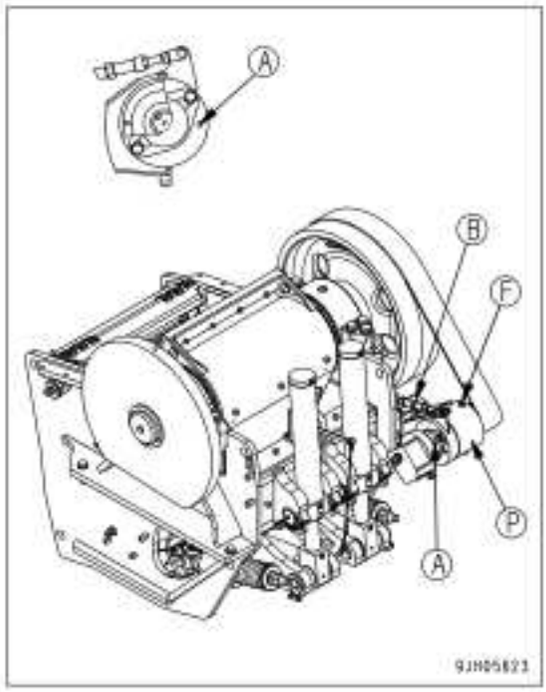
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EVERY 1000 HOURS SERVICE

Carry out the EVERY 10 HOURS MAINTENANCE, EVERY 100 HOURS MAINTENANCE, EVERY 250 HOURS MAINTENANCE, and EVERY 500 HOURS MAINTENANCE at the same time.

CHANGE OF OIL IN CRUSHER MOTOR BEARING CASE

1. Remove drain plug (P) to drain oil and screw it in after the drainage.
2. Add engine oil through oil filler port (F) to the specified level. Oil replacement amount: 4.7 liters (1.24 US gal)
3. When oil begins to flow out from plug hole (A), stop adding oil and tighten plug hole (A) and the plug of oil filler port (F).



NOTICE

When checking the oil level inside the crusher motor bearing case and adding oil, carry out the operation with turnbuckle length (B) (distance between pins) within a range of 500 to 512 mm (19.7 to 20.2 in).

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