SEAM020103

Operation & Maintenance Manual

KOMATSU®

BR350JG-1

MOBILE CRUSHER

SERIAL NUMBERS BR350JG-1 -1232 and up

December 1999

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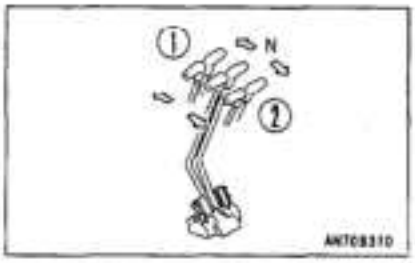
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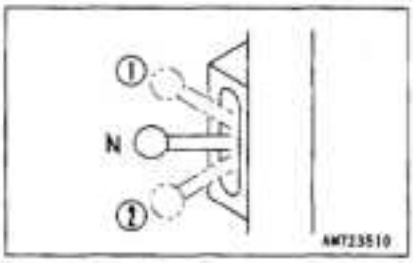
11.3 CONTROL LEVERS



1. TRAVEL LEVER

① Forward: Push the lever forward.
② Reverse: Pull the lever to this side.
N Neutral: The machine stops.

If the lever is shifted to the FORWARD or REVERSE position, the alarm sounds to notify those in the immediate area that the machine will start.



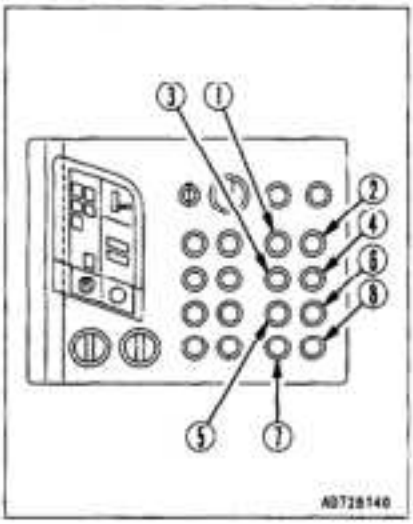
2. CONVEYOR LIFTING LEVER

① Raise conveyor: Push up the lever.
② Lower conveyor: Push down the lever.
N Neutral: The conveyor stops.

SWITCHES OF OPTIONS

1. MAGNETIC SEPARATOR START SWITCH

This switch start the magnetic separator to remove steel bars, etc. contained in crushed debris on the primary conveyor.



NOTICE

If all options are installed, the tertiary conveyor operates at the same time.

2. MAGNETIC SEPARATOR STOP SWITCH

This switch stops the magnetic separator.

3. SECONDARY CONVEYOR START SWITCH

This switch starts the secondary conveyor to carry out debris classified with the vibratory screen.

4. SECONDARY CONVEYOR STOP SWITCH

This switch stops the secondary conveyor.

5. MUCK CONVEYOR START SWITCH

This switch starts the muck conveyor to carry soil and sand separated by the grizzly feeder out of the machine.

6. MUCK CONVEYOR STOP SWITCH

This switch stops the muck conveyor.

7. VIBRATORY SCREEN START SWITCH

This switch starts the vibratory screen to classify debris discharged from the primary conveyor.

8. VIBRATORY SCREEN STOP SWITCH

This switch stops the vibratory screen.

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17. GUIDES TO MAINTENANCE

Do not carry out any inspection and maintenance operation that is not given in this manual.
Perform maintenance work on hard, flat ground.

Check service meter:
Check the service meter reading every day to see if the time has come for any necessary maintenance to be carried out.

Komatsu genuine replacement parts:
Use Komatsu genuine parts specified in the Parts Book as replacement parts.

Komatsu genuine oils:
Use Komatsu genuine oils and grease. Choose oils and grease with proper viscosities specified for ambient temperature.

Always use clean washer fluid:
Use automobile window washer fluid and be careful not to let any dirt get into it.

Always use clean oil and grease:
Use clean oil and grease. Also, keep containers of the oil and grease clean. Keep foreign materials away from oil and grease.

Keeping the machine clean:
Always keep the machine clean. This makes is easier to find parts causing problems. Keep in particular grease fittings, breathers and oil level gauges clean and avoid foreign matters from getting in them.

Be careful of hot water and oil:
Draining hot oils and coolants and removing their filters immediately after the engine stops are hazardous. Allow the engine to cool.
If the oil has to be drained when it is cold, warm up the oil to a suitable temperature (approx. 20 – 40°C) before draining it.

Checking foreign materials in drained oil and on filter:
After oil is changed or filters are replaced, check the oil and filters for metallic particles and foreign materials. If large quantities of metallic particles or foreign materials are found, consult your Komatsu distributor.

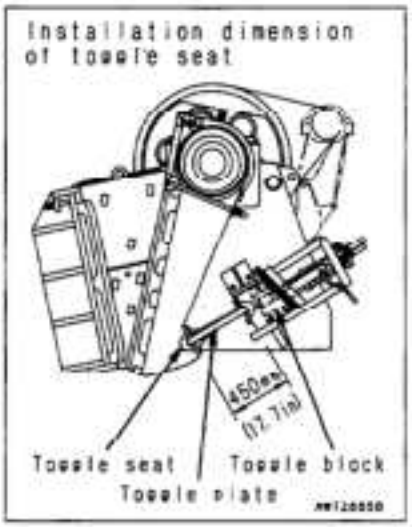
Fuel strainer:
If your machine is equipped with a fuel strainer, do not remove it while fueling.

Oil change:
Check or change oils in the places where dust is scarce to keep foreign materials away from oils.

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NOTICE

Check the dimensions in ④ and ⑤ from one end of the toggle plate. If the mounting dimension between the toggle seats reaches 440 mm (17.3 in), replace.



REMARK

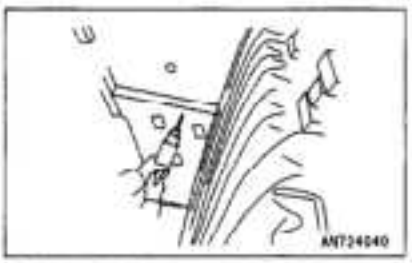
- Use the above dimensions as guideline for the wear tolerance of the toggle seat and toggle plate.
- When replacing the toggle plate, replace the toggle plate dust cover, too.
- Even if any noise is generated between the toggle seat and toggle plate, there is no effects on the machine if it occurs when the toggle plate rolls on the toggle seat surface. If a slapping sound is generated, check if the tension rod tightening dimension is as specified.

3) Replacement of cheek plates

1. Remove the cheek plate lock bolts.

2. Hang up the upper side of cheek plate with a wire.



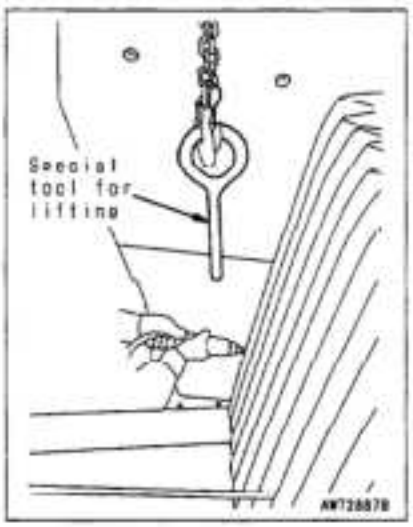


3. Remove soil, sand, etc. from the hanging hole of the lower cheek plate with compressed air or a wire brush, then hang the lower cheek plate with the special tool for cheek plate lifting (Part No. 8Z4Z-70-5E60).

4. After removing the cheek plates, remove all soil and sand from the cheek plate fitting surfaces (front, rear, right and left).

5. Insert new cheek plates in order from underside, along the fixed jaw and guide of the side frame.

6. Tighten the cheek plate lock bolts (6 pieces on each side).



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