

Operating in Water and Mud

Be careful not to operate the machine in water or mud above the upper track shoe surface (1), causing the swing bearing and idler roller to be submerged.

See Figure 1.

Upper Track Shoe for New Machine Year
Model 1000-100
Size _____ 20 in (508 mm)

Upper Track Shoe for New Machine Year
Model 1000-100
Size _____ 20 in (508 mm)



1. Upper Track Shoe Surface

If the swing bearing and idler roller are submerged, remove them from underneath center of machine. Remove chain plug to drain water and mud.

Clean swing gear area. Inspect plug and cover. Grease swing bearing and grease swing bearing gear. (See Figures 1-1 and 1-2.)

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Selecting Correct Track

IMPORTANT! Avoid damaging tracks. Using rubber tracks or rubber pads on rough ground may result in pads being damaged.

Rubber tracks and rubber pads are designed for soft, level surfaces only. Do not use on rough ground such as rocks, sand, or gravel.

Check track shoe pads periodically for signs of wear.

When track is on uphill end of machine, put machine swing boom and arm cylinder to help level machine.

When track is on downhill end of machine, put machine swing boom and arm cylinder to help level machine.

When track is on downhill end of machine, put machine swing boom and arm cylinder to help level machine.

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Driving Up a Steep or Slippery Slope

CAUTION! Prevent possible injury from unsecured machine components. Clear all persons from the area before lowering the boom.

1. Lower boom.

Lowering Boom With Engine Stopped

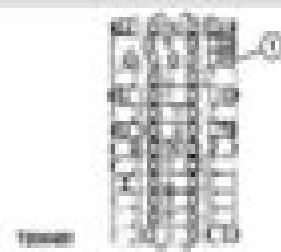
When the engine stops during operation, the boom cannot be lowered using the auto controller because there is no gas pressure to move the boom valve spool.

1. Remove cover for access to boom control valve (1).
2. Make adjustment mark on the adjusting screw (2), nut (3), and seal valve body.
3. Loosen nut using a 1/2 in wrench.

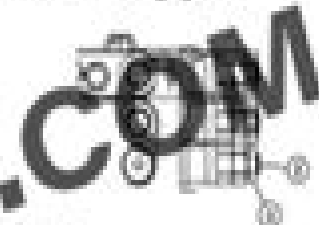
CAUTION! Prevent possible injury from unsecured machine components. Clear all persons from the area before lowering the boom.

Lowering the boom up about what valve adjusting screw more than two turns may result in the release of the pilot spring and roll from the control valve valve.

4. Slowly turn the adjusting screw about 1-1/2 turns to lower the boom.
5. After boom is lowered, turn the adjusting screw back to the original position.



1. Cover



2. Adjusting screw

3. Nut

4. Seal valve body

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Parking

IMPORTANT! During loading operation, prevent damage to undercarriage components from boom rest and tilt. Machine must be parked on a solid level surface to prevent tracks leaving in the ground.

1. Park machine on a level surface.
2. Lower the boom completely to the ground.
3. Stop engine at idle rate speed without load for 2 minutes.
4. Turnkey switch is OFF. Remove key from switch.
5. Put gas control switch lever (1) to lock position.
6. Close windows and roll down. Engage lock.
7. Lock all access doors and compartments.



1. Boom rest and tilt

2. Gas control switch lever

3. Put Gas Control Switch Lever (1) to Lock Position

4. Lock

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