

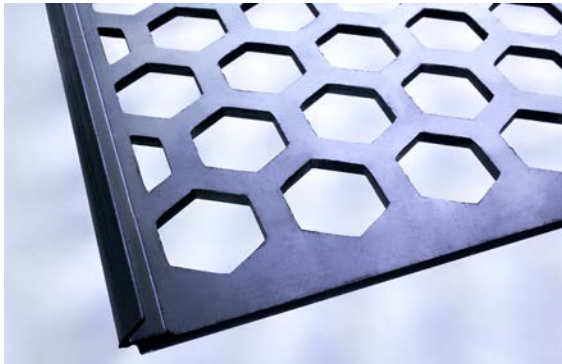
MAXWEAR™

Perforated Plate Installation Instructions

Recommended Safety Tips	Recommended Tools
Hard Hat	Impact Wrench
Gloves	Socket
Safety Glasses	Breaker Bar
Screen Installation is a 2 person job	

KNOW YOUR INSTALLATION TYPE

Hooked - Side or End Tension



Bolt-Down



PRE-INSTALLATION

Turn Screening Plant Off

- Wait for the screen box to stop vibrating and all moving parts to stop moving.

Remove Old Screen

- Safely remove and discard old screen.

Clear Screen Ledge (Hooked Install Only)

- Check the screen box for material build up that may interfere with the installation of the new screen.

Inspect Cross Members

- Check the cross members for any wear, looseness or bends. If any of these conditions exist, they must be repaired prior to installation of the new screen because un-repaired they will have a negative effect on the service life of the screen.

Replace Crown Bar Rubber

- For superior performance and proper fit/protection, install new crown bar rubber (capping rubber, bucker rubber) with each new MAXWEAR Perforated Plate screen.

Crown Bar Rubber



!!IMPORTANT!! Crown bar rubber must cover the entire length of the crown bar, from end to end, to prevent gapping that can cause breakage.

Measure Screen

- Measure length & width of replacement screen and machine screen box to ensure a proper fit before beginning installation.

Bolts

- Ensure that bolts are not rusty or stripped and are the correct length prior to installation.

INSTALLATION

Lift Screen into Place

- Carefully lift and place screen in correct orientation within the screen box.

Double Check Screen Orientation

- If screen is configured with crown bar blank out areas, ensure that they line up correctly with the machine crown bar supports - if they don't line up, rotate screen 180° and check alignment again.



Seat Hooks (Hooked Install Only)

- Adjust position of screen as necessary to ensure that hooks are seated correctly and completely.

Align Bolt Holes (Bolt-Down Install Only)

- Adjust position of screen as necessary to ensure that screen and machine bolt holes line up correctly.

Incrementally Tighten Tension Bolts

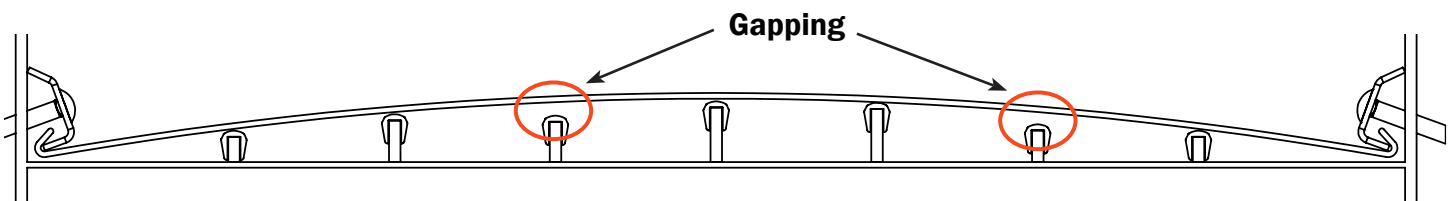
- Thread in and loosely tighten all tension bolts. Then, incrementally tighten - starting with the bolts in the center, on each side, before moving on to tightening the bolts at each end. Continue incremental tightening, ensuring screen remains squarely within screen box.

Final Tensioning Best Practices

- While an impact wrench can be used for general tensioning, final tensioning should be performed with a socket and breaker bar to achieve proper tensioning.

Contact Between Screen and Crown Bars

!!!IMPORTANT!!! After tensioning, it is vitally important to ensure that there is positive contact between the screen and every crown bar support - if gapping exists, breakage will occur.



Test Run

- Test run the screen with no load for a few minutes before checking that bolts have remained tight. Next, run screen loaded for two hours before rechecking bolts a final time.

Field Repair

- In the event of premature breakage, patches can be welded in place without affecting the integrity of the rest of the perforated plate, preventing down-time while a new screen is ordered.

****If you have any questions during the installation process or about the product, please contact your dealer***



Machined Wear Liners Installation Instructions

Recommended Safety Tips	Recommended Tools
Hard Hat	Impact Wrench
Gloves	Bolts
Safety Glasses	

SEE MANUFACTURER'S INSTRUCTIONS FOR YOUR SPECIFIC MACHINE

