

MAKO™ 50 mm SHROUDS ALTERNATE REMOVAL

SHARK™ GROUND ENGAGING TOOLS



METHOD 1: Ensure bucket is empty and clean. Pressure wash the shrouds thoroughly, especially at the locking system cavity area to clear all debris. Ensure all nearby personnel are at a safe distance during pressure-wash and all necessary PPE is used.

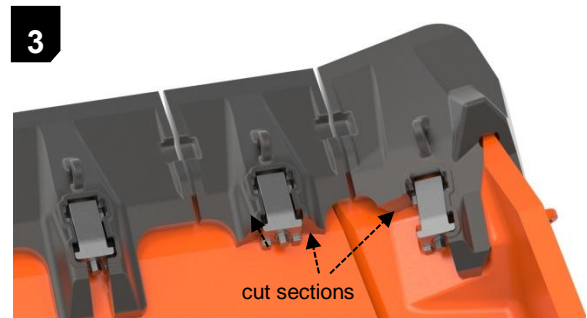
Once washing is completed, follow the standard shroud removal procedure (SWP0008) to remove the shroud. Perform the removal procedure while the shrouds are still wet, to reduce friction. If required, use a well-dressed copper hammer to tap the shrouds, to aid loosening of the locking mechanism and shroud.



METHOD 2: If shroud still cannot be removed using method-1, drive the Loader to a level and flat location, a safe distance away from any personnel. Use machine hydraulics to bounce the empty bucket upwards and downwards without hitting the ground to dislodge the fines from the pin assembly.

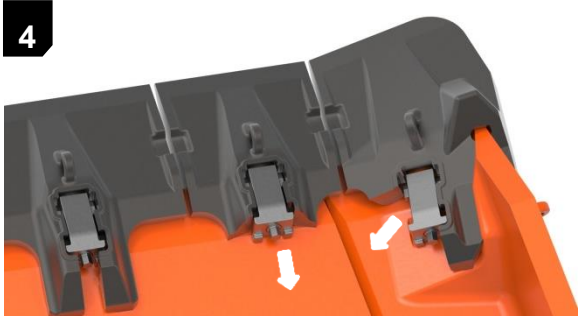
Do not perform loading with the bucket if any shroud become dislodged as it will damage the lip.

Wash the shrouds and locking system thoroughly again. Follow the standard shroud removal procedure SWP0008 to remove the shroud. Use a well-dressed copper hammer if required to aid loosening of the locking mechanism and shroud.

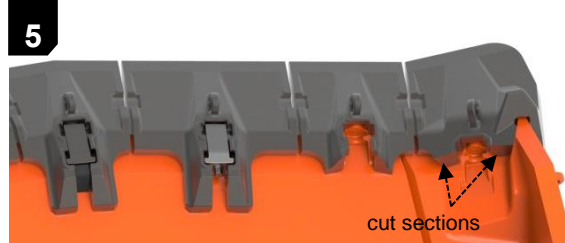


METHOD 3: If a shroud cannot be removed using methods 1&2, it will be necessary to cut the shroud off the lip to remove it. Cut into the side of the shroud to protect the lip from damage. Cut at the thinnest section of the respective shroud in the top leg as shown in the above image to loosen the lock assembly.

If the lip is damaged during this process, conduct weld repair by following the weld procedure PWP0001.



Remove lock assembly once shroud has been cut. Wash the locking system cavity to remove any remaining fines. The shroud should now be able to be removed from the lip.

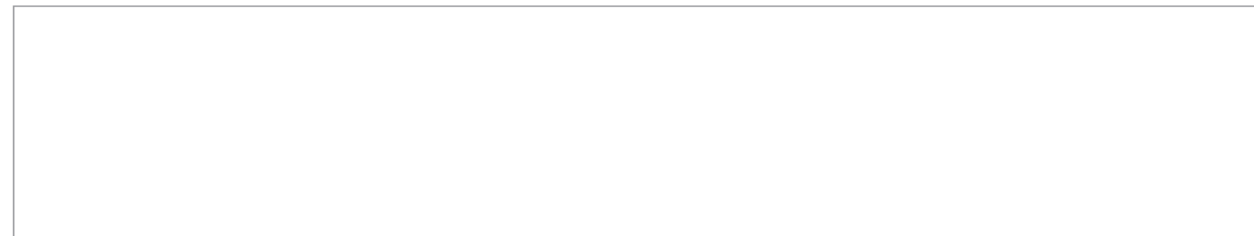
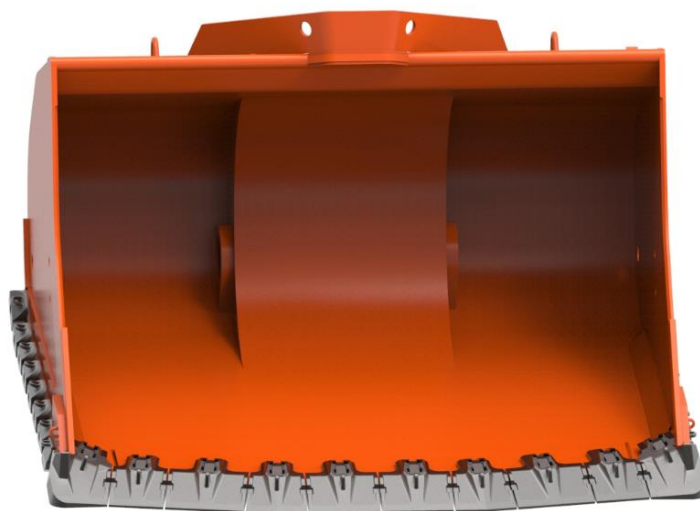


METHOD 4: If a corner shroud is still not able to be removed from lip after following steps in method-3, cut the top leg off the shroud as shown in the above image without damaging the bucket corner. The shroud can now be removed from the lip. During the cut, if the bucket corner is damaged, do weld repair by following the weld procedure PWP001.

Ensure to wear appropriate workshop and mine site specific Personal Protective Equipment at all times when working with the MAKO™ product.

Under NO circumstances should hardened hammers be used on MAKO™ Shrouds.

If required, a well-dressed Copper Hammer may be used.



Sandvik Mining and Rock Technology reserve the right to make changes to the information on this data sheet without prior notification to users. Please contact Sandvik Ground Engaging Tools (G.E.T) parts representative for clarification on specifications and options. SANDVIK, SHARK, BLUE POINTER and MAKO are trademarks owned by Sandvik Group of companies.