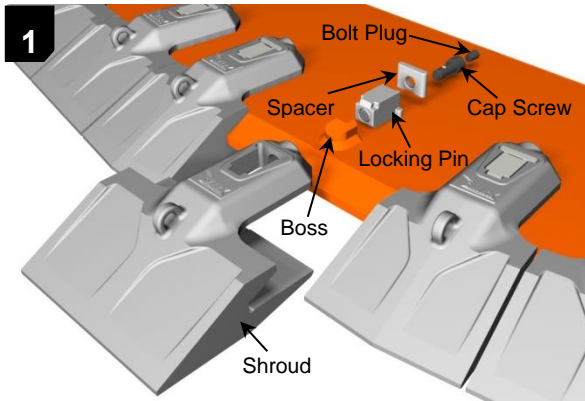




# BLUE POINTER™ II 50 mm SHROUDS INSTALLATION & MAINTENANCE

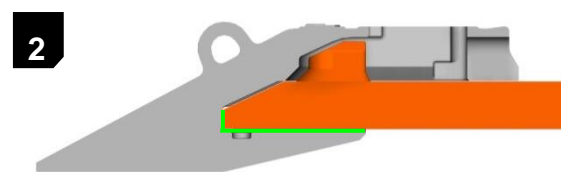
SHARK™ GROUND ENGAGING TOOLS

## 1.0. INSTALLATION

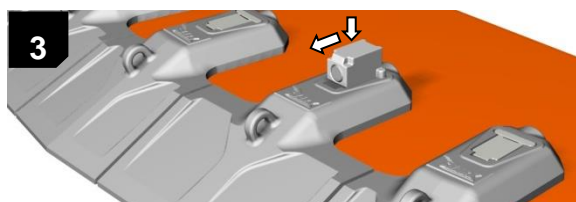


The 50 mm BLUE POINTER™ Series Shroud assembly consists of six components, labeled above.

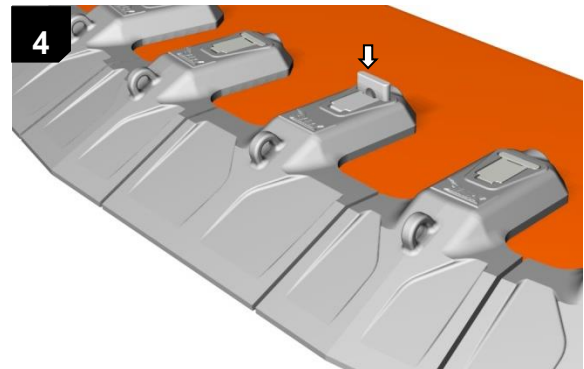
Before installing or replacing Shrouds, dismantle and clean each Locking pin Assembly ensuring the Bore, Thread & Cap Screw are liberally coated with 'Loctite 76764 Silver Grade Anti-Seize'.



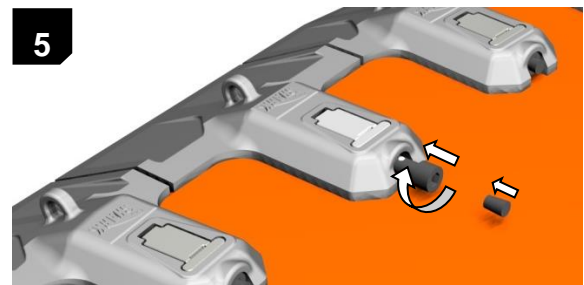
With the use of a mechanical aid or lifting hook, raise the shroud into a position to slide the rear of the shroud up and over the Boss and push home, ensuring highlighted faces contact the corresponding faces on the lip.



Insert Locking Pin downward into the cavity on top leg of Shroud & slide it forward.



Insert Spacer downward into the remaining cavity at the rear of locking pin.



Insert Cap Screw through the arch at the rear of Shroud, then through the hole in the Spacer until it engages the thread in the Locking Pin. Turn clockwise to tighten, using a torque wrench with a 19 mm (or 3/4") socket to achieve 475 Nm (350 ft.lb). During tightening, tap the shrouds at the front-top edge using a well-dressed copper hammer to assist parts to align correctly.

Insert Bolt Plug into the hex cavity of the Cap Screw.

## 2.0. MAINTENANCE

To aid in the bedding in process of the casting on the lip after initial installation, the system requires re-tensioning after each shift for a cycle of three shifts.

For re-tensioning, remove the Bolt Plug and re-tension the Cap Screw to 475 Nm (350 ft.lb).

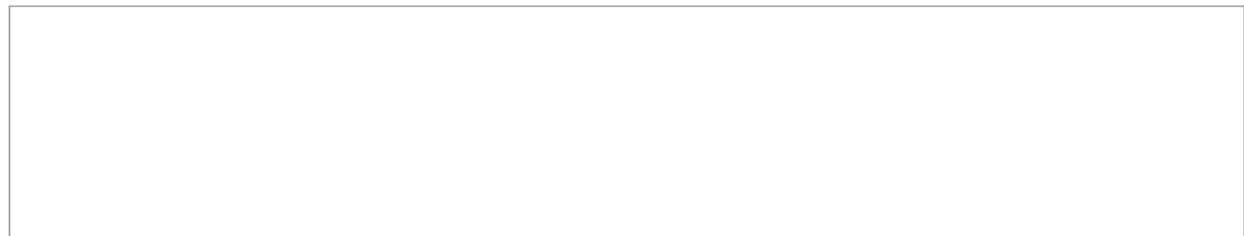
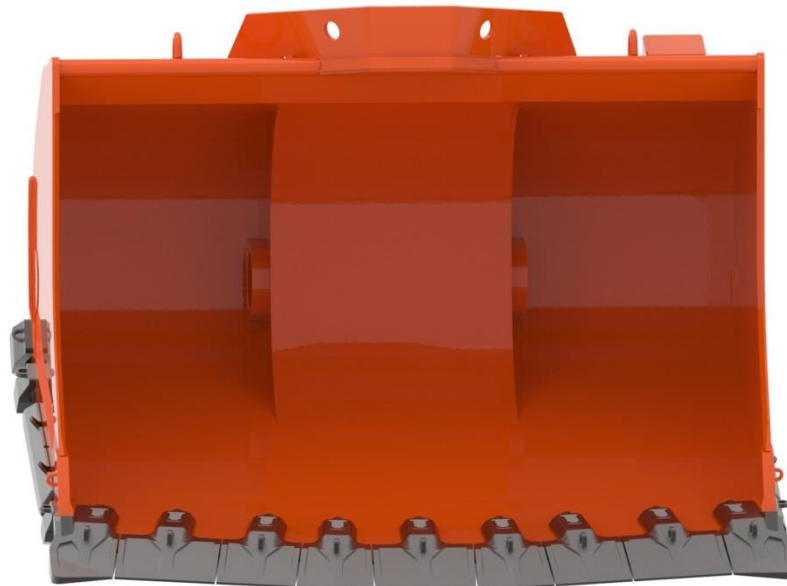
After initial re-tightening period, through observation, check shrouds are not loose and re-tension periodically.

The Pin Assembly is reusable. If however any of the components are damaged in service they can be replaced individually as required.

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

**Under NO circumstances should hardened hammers be used on BLUE POINTER™ Shrouds.**

**If required, a well-dressed Copper Hammer or Sliding Sledge Hammer with a well-dressed copper head should be used.**



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