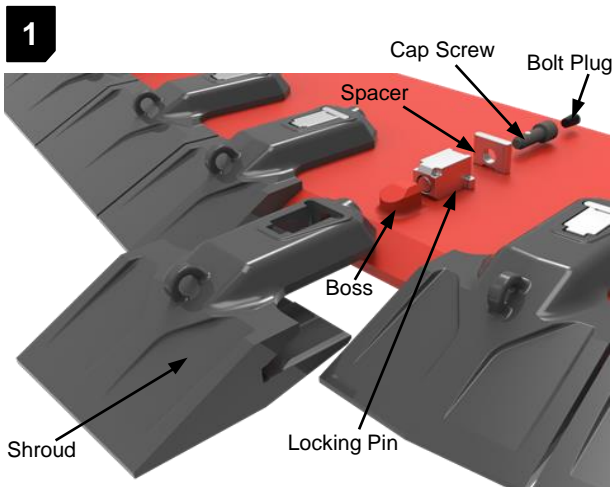


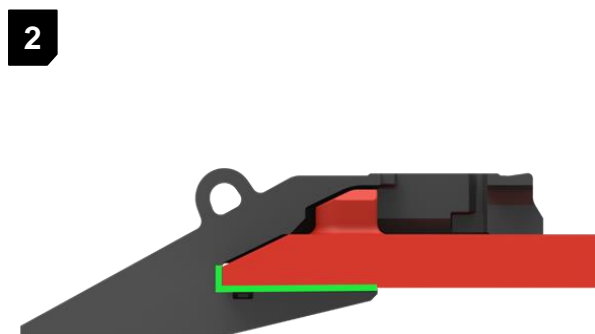
BLUE POINTER 2 32MM LIP SHROUDS INSTALLATION & MAINTENANCE PROCEDURE

SHARK™ GROUND ENGAGING TOOLS

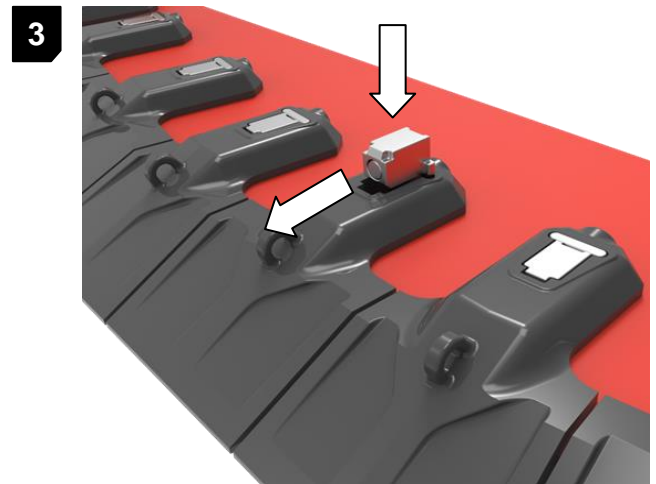


The 32mm Blue Pointer® Series 2 Shroud assembly consists of six components, labelled above.

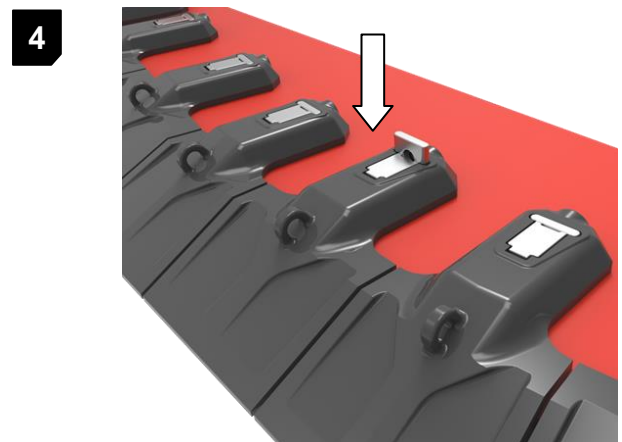
Before installing or replacing Shrouds, dismantle and clean each Locking Pin Assembly ensuring the Bore, Thread & Cap Screw are liberally coated with “**Loctite 76764 Silver grade Anti-Seize**”.



Slide rear of 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.

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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 5/8" socket to achieve **250ft.lb (339Nm)**.

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

Check Shroud tightness daily for first week of operation. The time interval between checks can increase after this time, as the Shroud will settle into the lip. Tightness checks should be performed by gripping the Shroud blade with both hands and lifting up and down. Do not test Shroud tightness with torque wrench.

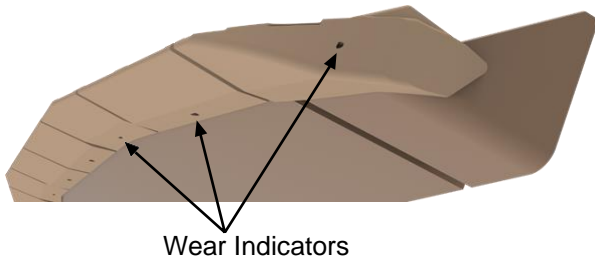
If re-tensioning is required, remove Bolt Plug and re-tension the Cap Screw to **250ft.lb (339Nm)**.

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

Before performing maintenance work all personnel should ensure they are wearing approved personal protective equipment such as hard hat, safety shoes, safety glasses and work gloves. Under NO circumstances should hardened hammers be used on 32mm Blue Pointer® 2 Shrouds. If required, a well-dressed copper hammer or sliding sledge hammer with a well-dressed copper head should be used.

BLUE POINTER 2 32MM LIP SHROUDS INSTALLATION & MAINTENANCE PROCEDURE

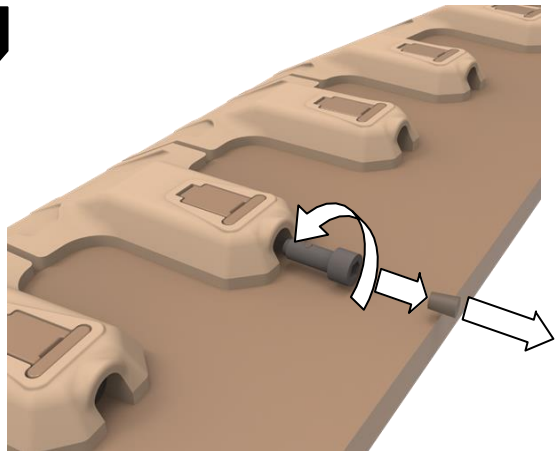
SHARK™ GROUND ENGAGING TOOLS

1

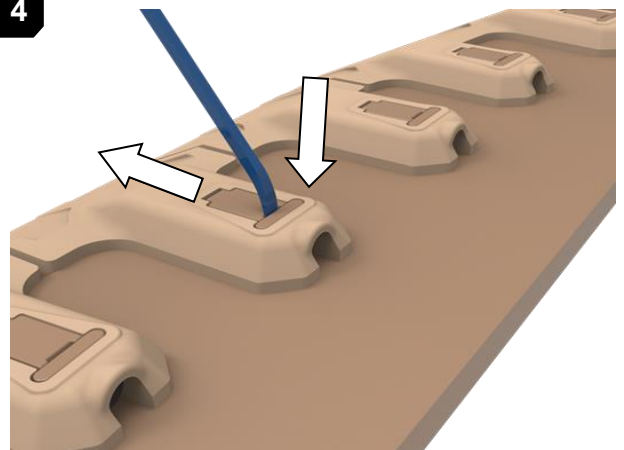
Shrouds are ready to be changed when the wear indicators become visible on the base of the shrouds as shown.

2

To begin the removal process a power washer should be used to remove any build up of fines from around the Cap Screw and Pin Assembly Areas.

3

Remove the Bolt Plug from the rear of the Cap Screw and then, using a wrench with a 5/8" socket, turn the Cap Screw counter-clockwise to remove it from the Pin Assembly.

4

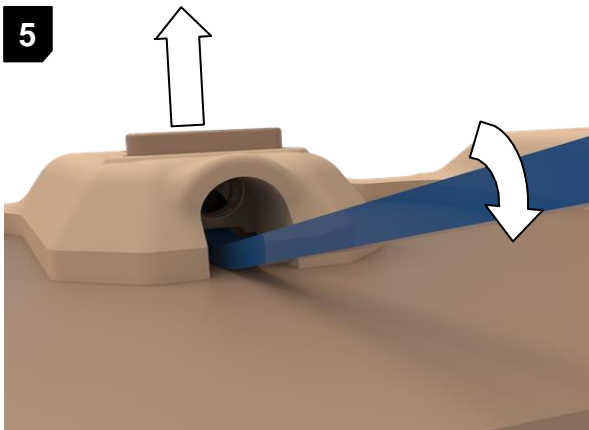
Insert a pry bar into the slot between the spacer and the Pin Block, and then push the Pin Block forward to break the seal between them.

BLUE POINTER 2

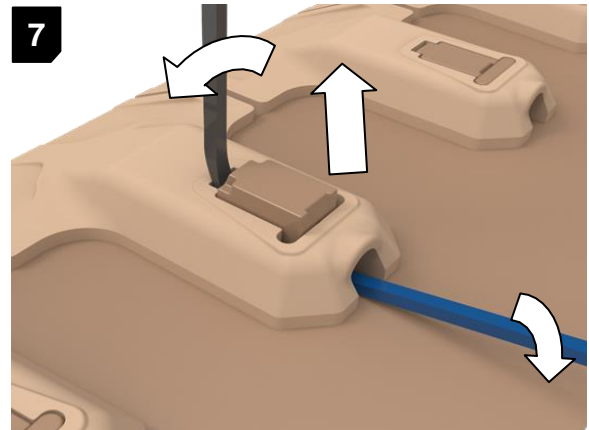
32MM LIP SHROUDS

INSTALLATION & MAINTENANCE PROCEDURE

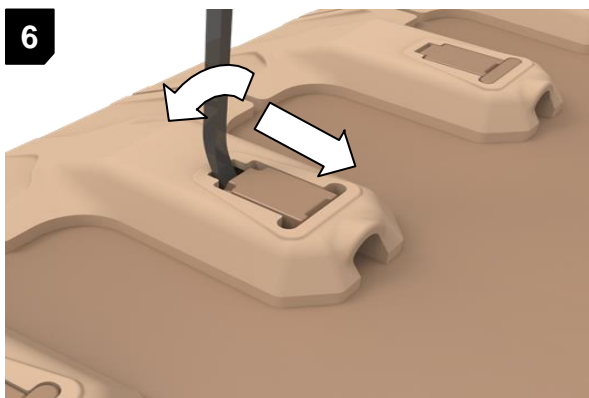
SHARK™ GROUND ENGAGING TOOLS



5 Insert the pry bar into the cavity under the Spacer (shown inset), and pry Spacer up and remove it from the Shroud.



7 Using two pry bars lever out the Pin Block.



6 Lever back the Pin Block until it hits the rear of the cavity.



8 The shroud can now be removed from the Lip. Following removal wash down the lip using a power-washer, ensuring the lip profile is clean and ready for installation of the replacement shroud.

Before performing maintenance work all personnel should ensure they are wearing approved personal protective equipment such as hard hat, safety shoes, safety glasses and work gloves. Under NO circumstances should hardened hammers be used on 32mm Blue Pointer® 2 Shrouds. If required, a well-dressed copper hammer or sliding sledge hammer with a well-dressed copper head should be used.