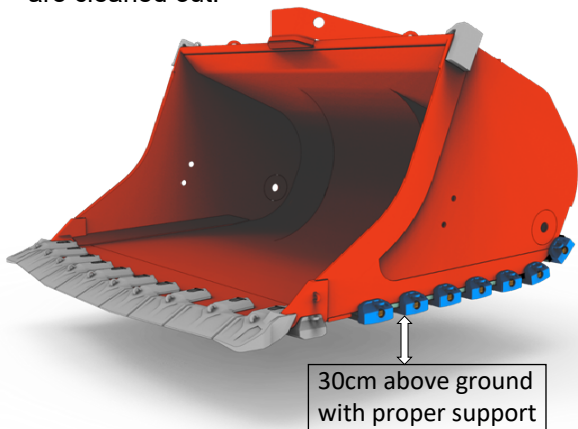


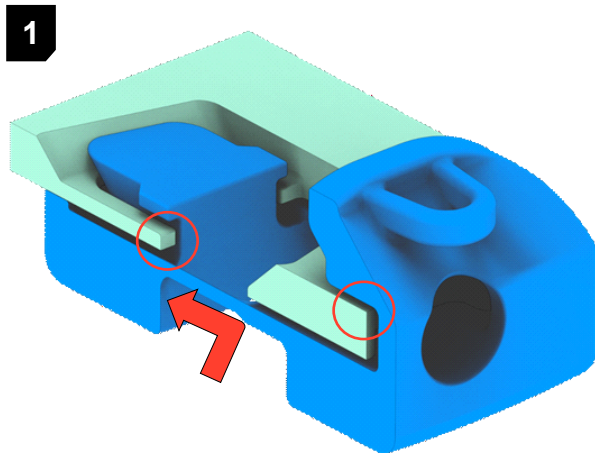
MECHANICAL HEEL SHROUD INSTALLATION PROCEDURE

SHARK™ GROUND ENGAGING TOOLS

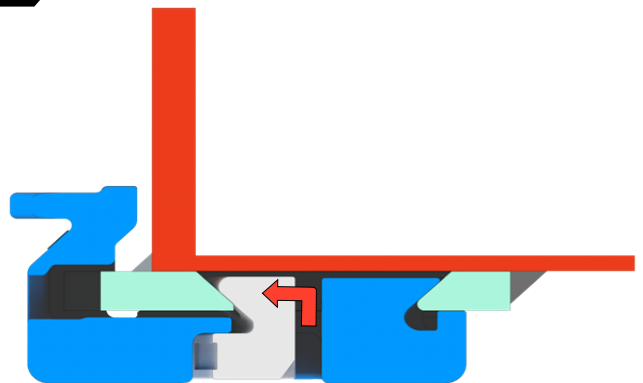
Before installation ensure that the bucket has a clearance of at least 30cm from the ground to the adapter plate to allow for insertion of heel shroud, nut and spacer. Ensure any dirt and fines in adapter are cleaned out.



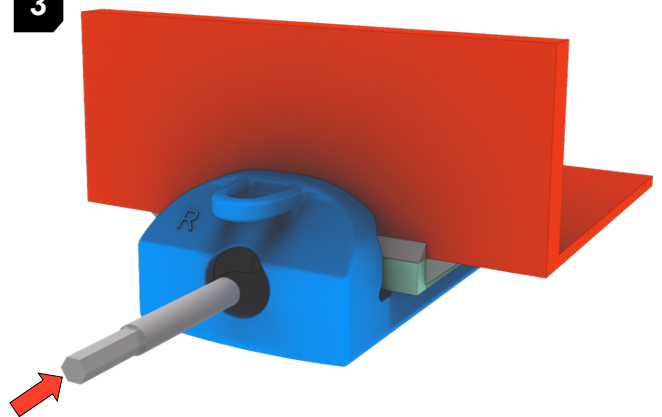
Important: Ensure that the bucket is properly supported with Cat stands or similar supports before installation.



Insert heel shroud into adapter plate. Ensure that the shroud is supported on the adapter as shown above.

2

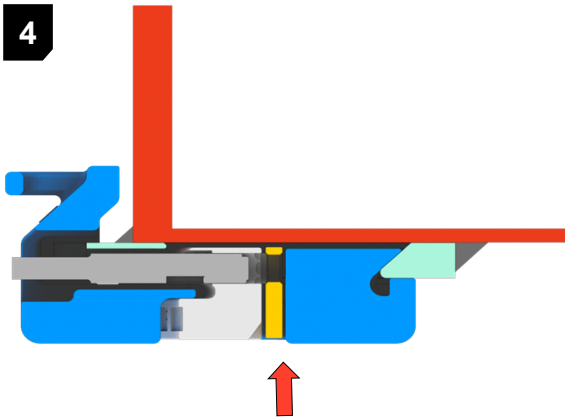
Apply anti-seize to nut. Insert nut into the heel shroud cavity from the bottom with the chamfer of the nut facing the bolt hole of the shroud. Then pull the nut towards the bolt hole of the shroud as shown above.

3

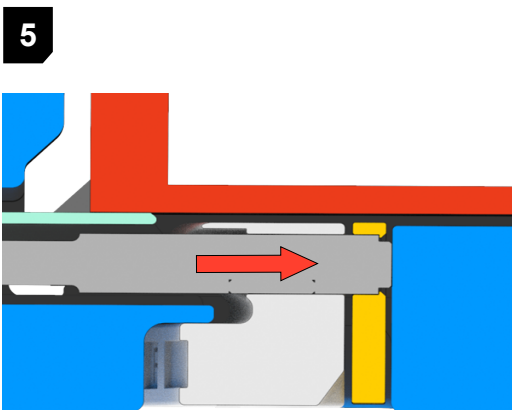
Apply anti-seize to bolt. Insert bolt through the shroud and adapter bolt holes. Thread the bolt through the nut. Tighten the bolt with a $\frac{3}{4}$ inch socket wrench.

MECHANICAL HEEL SHROUD INSTALLATION PROCEDURE

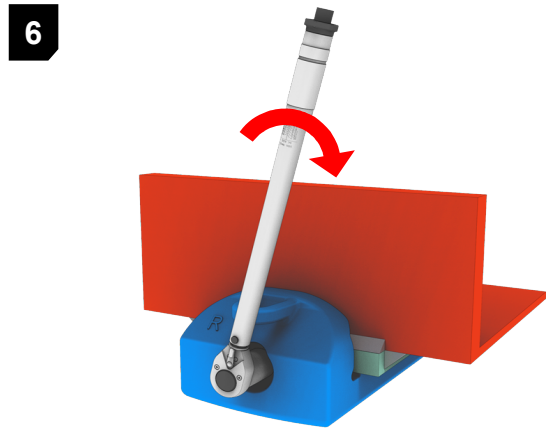
SHARK™ GROUND ENGAGING TOOLS



4 Pull the bolt back so that the nut is against the adapter. Place the spacer between the shroud and the back of the nut through the gap that is created.



5 While holding up the nut and spacer in place, tighten the bolt so that it passes through the nut and the spacer.



6 Torque the bolt to 400 ft/lb (540 Nm).

7

7 Re-torque bolts to 400 ft/lb (540 Nm) after the first 4 hours of operation to prevent heel shrouds from coming loose.

8

8 Repeat step 7 at the start of each shift **for the first three shifts** to ensure the heel shrouds have bedded into place.

9

9 Periodically check the mechanical heel shrouds to check for any looseness during daily services.

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 Mechanical Heel Shrouds parts. If required, a copper hammer or equivalent should be used.