

Spool Quad Ring Replacement

WARNING: Before performing any repairs on Cengar tools ensure the tool is in the off position and any air-lines have been detached.

Over the course of time the spool quad rings can become worn out by general wear and tear.

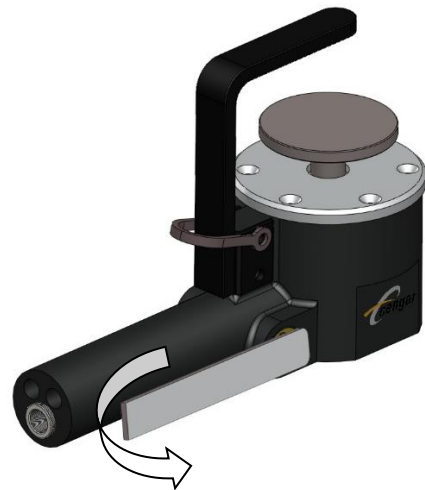
To replace the spool quad rings follow the instructions below.

Additional information and instructional videos can be found at www.cengar.com

1. Insert peg spanner and turn anti-clockwise to loosen the right-hand end cap.

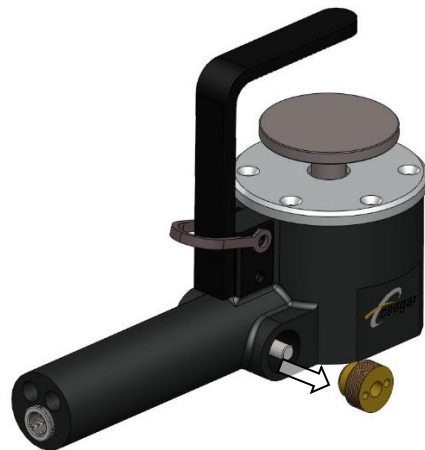
Insert the peg spanner into the two 4mm holes on the brass end cap.

Turn anti-clockwise to loosen the end cap.



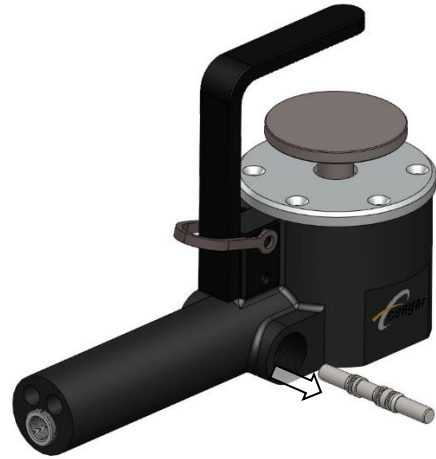
2. Remove the end cap.

Once the end cap is loosened, turn it anti-clockwise until it is removed.



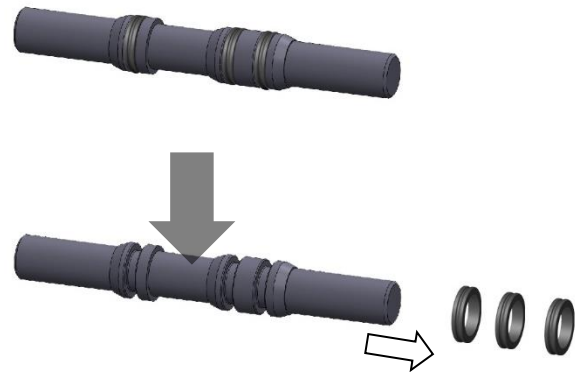
3. Remove the spool.

Remove the spool from the machine. Push the spool from the left and pull from the right. No additional tools should be required.



4. Remove the old quad rings from the spool.

Using a small Allen Key or screwdriver, prise the old quad rings from their grooves and remove them from the spool.



5. Replace the new quad rings on to the spool.

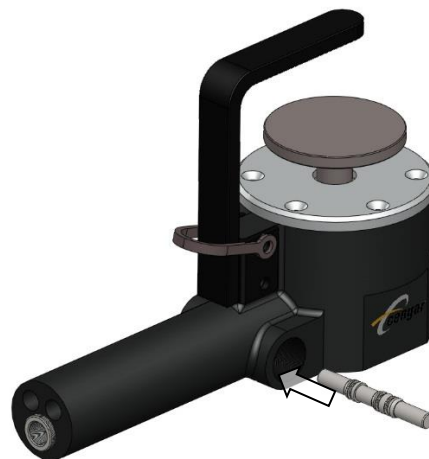
Slide the 3 new quad rings on to the spool ensuring they sit flush in the seal grooves.



Note: Take care not to twist the quad rings. They should sit in the grooves and be flush with the spool surface. This is to ensure a tight seal.

6. Replace the spool in the Pallet Spreader body.

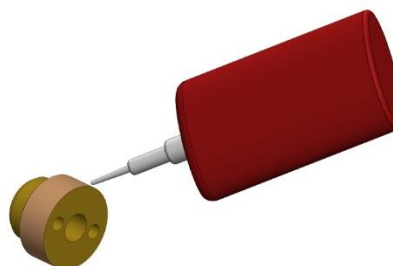
Slide the spool with new quad rings into the bore ensuring that the double quad ring is on the right hand side of the machine, as pictured.



7. Apply thread-lock to the exterior threads of the end cap.

To ensure a secure fit, apply a small amount of thread-lock (Loctite 222 or similar) to the exterior threads of the end cap.

Note: Ensure adhesive is only on the final few threads and does not run past the interior shoulder of the end cap as this can cause damage to the inside of the Pallet Spreader.

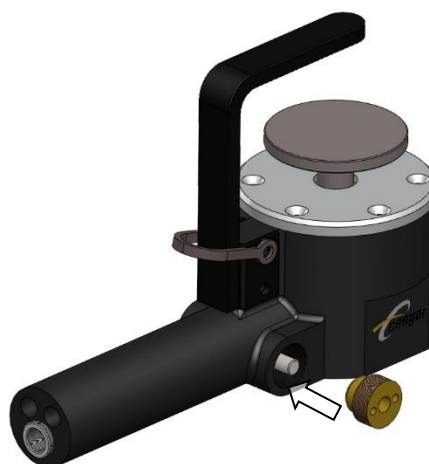


8. Replace the end cap

Offer the end cap up to the threaded hole. Turn the end cap backwards to ensure the thread is gripped.

Turn the end cap clockwise by hand (or using a 4mm punch) until you require the peg spanner to tighten the cap into place.

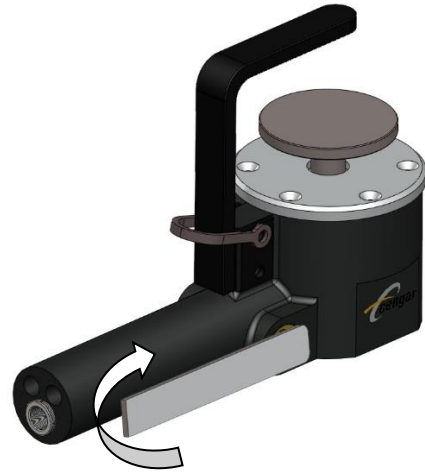
Note: Be careful not to cross-thread the end cap as this can cause damage to the machine.



9. Tighten the end cap back up with the peg spanner.

Using the peg spanner, apply light pressure clockwise to tighten the end cap into place.

The end cap should sit flush to the Pallet Spreader body.



PS2 Pallet Expander

Visit www.cengar.com
for more information

