

8. Use a padded mallet and hit the head gland carefully until it is well in the cylinder tube.

NOTE:

If the head gland has a hole for the wrap-in wire, rotate the head gland to align the hole with the slot. A spanner wrench or chain vise can be used to rotate the head gland.



Fig. 107

9. If the wrap-in wire has a 90° end on it, place the end in the hole in the slot.
10. If the wrap-in wire does not have a 90° end on it, do not do the following step.



Fig. 108

11. Start turning the head gland. The wrap-in wire will wind around the head gland. Continue to turn until you cannot turn anymore.

NOTE:

One revolution is necessary to install the wire. Do not do the following two steps.



Fig. 109

12. If the wrap-in wire is straight, position either end into the slot in the side of the cylinder tube. Align the wrap-in wire with the groove in the head gland.

NOTE:

The wire must be almost tangent to the cylinder tube. This will let the wrap-in wire be put into the cylinder tube.

13. Hit the end of the wrap-in wire with a small hammer to move it into the groove. When the wire is almost installed and cannot be moved anymore, use a punch to complete the installation.

IMPORTANT:

Be careful not to bend the wrap-in wire when hitting the end of it.

14. Push the rod all the way into the cylinder tube. Use a padded mallet to make sure that the rod assembly is all the way into the cylinder tube.

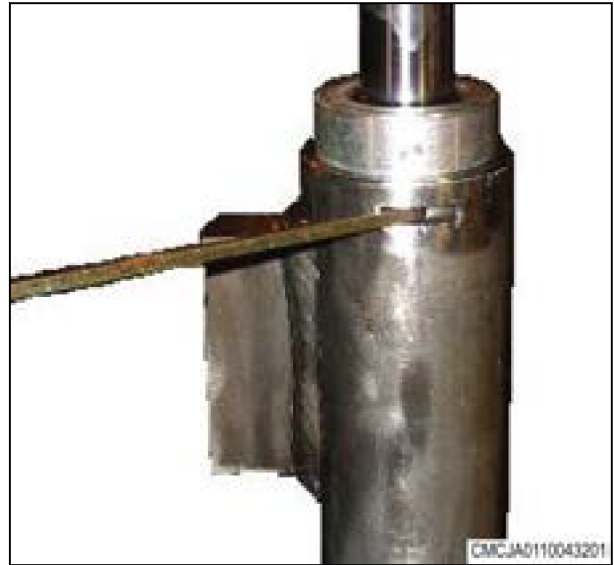


Fig. 110

6.3.23 Install the head gland (with external threads)

The cylinder can look different from the cylinder in the graphics.

Before starting the procedure

IMPORTANT:

Make sure there are no scratches on the head gland or the piston. Scratches can cause leaks.

Procedure

1. Clean all components fully to prevent dirt from entering the internal mechanism or the system.
2. Apply grease to the threads on the tube.
If the head gland and gland cap are one piece, do not do the following step.
3. Put the head gland on the cylinder rod.
4. Install the head gland in the cylinder tube with a padded mallet.

IMPORTANT:

Be careful not to hit the rod. Any scratches can cause the seals to leak.

5. Install the head gland and gland cap by hand.



Fig. 111