



SUBJECT: Safe Seal Hoses Packing Nut Seal Check and Packing Nut Adjustment

PURPOSE	This document will guide users through the process of inspecting and adjusting the seal and packing nut on Safe Seal Hoses in the event you observe a leak near the base of the knob. If leaks are still observed after performing this inspection, please contact customer service at 320-274-7387 or via email at Technical_Services@malcogrp.com.
AFFECTED MODELS	SS3614516, SS3614, SS6014516, SS6014, SS7214516, SS7214
TOOLS REQUIRED	• 2mm Hex Key • Pliers • Needle Nose Pliers • Adjustable Digital Torque Wrench or 12mm Deep Well Socket and Torque Wrench • Blue Thread Lock

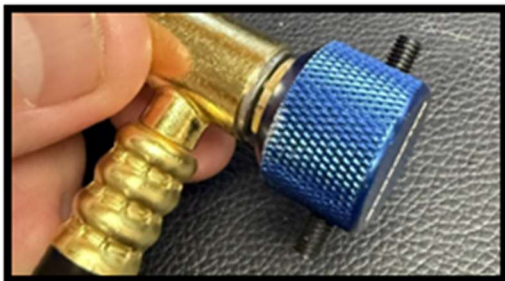
NOTICE
There are small parts involved in this operation, please take care not to lose any of them.

PROCEDURE

1. Locate the 2 set screws that hold the turn knob in place. There will be one on each side of the knob.



2. Using the 2mm hex key, loosen or remove both set screws until the knob can slide off the end of the shaft.



3. Remove the turn knob. This will expose a washer and bearing stack underneath the knob, which consists of two steel washers and a thrust bearing.



4. Remove the washers and bearing. Retain them for assembly.

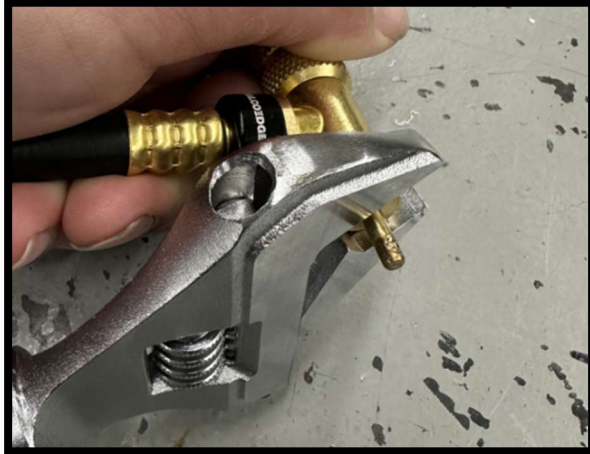


NOTICE

The top washer may stick to the knob when being removed. If it sticks in the knob, use a needle nose pliers to remove it.



- Using an adjustable wrench, loosen and then slide the packing nut up the shaft until a green seal is visible.



IMPORTANT

Verify the presence of the green seal and that it is in good condition.



- If the green seal in step 4 is damaged contact customer service at 320-274-7387 or via email at Technical_Services@malcogrp.com to proceed with a warranty exchange at your local distributor.

- Once inspection is complete, we can reassemble. Firmly grasp the bottom knurled collar, finger tighten the packing nut, then using the adjustable wrench torque the packing nut to specification.

NOTICE

Apply medium (blue) thread locker to the packing nut assembly threads. Remove any thread locker that may come in contact with the green seal or the washer at the base of the packing nut assembly.

TORQUE

Packing Nut:
52 in-lbs (5.9 Nm)



8. Put the washers onto the stem in the order that the stack was removed. Line up the set screws with the depressions in the stem and tighten the set screws with the hex key. Fully seat the set screws.

9. Repeat this process for the other hoses if leaks are observed.
10. The Safe Seal hoses are now ready to use again.

