

Pump Packing Replacement



REMOVAL PROCEDURE

Removal procedure - remove follower hardware and extract the worn packing rings

1

Remove follower hardware
Remove the 3 packing follower bolts and washers. Keep the hardware together for reinstallation.

2

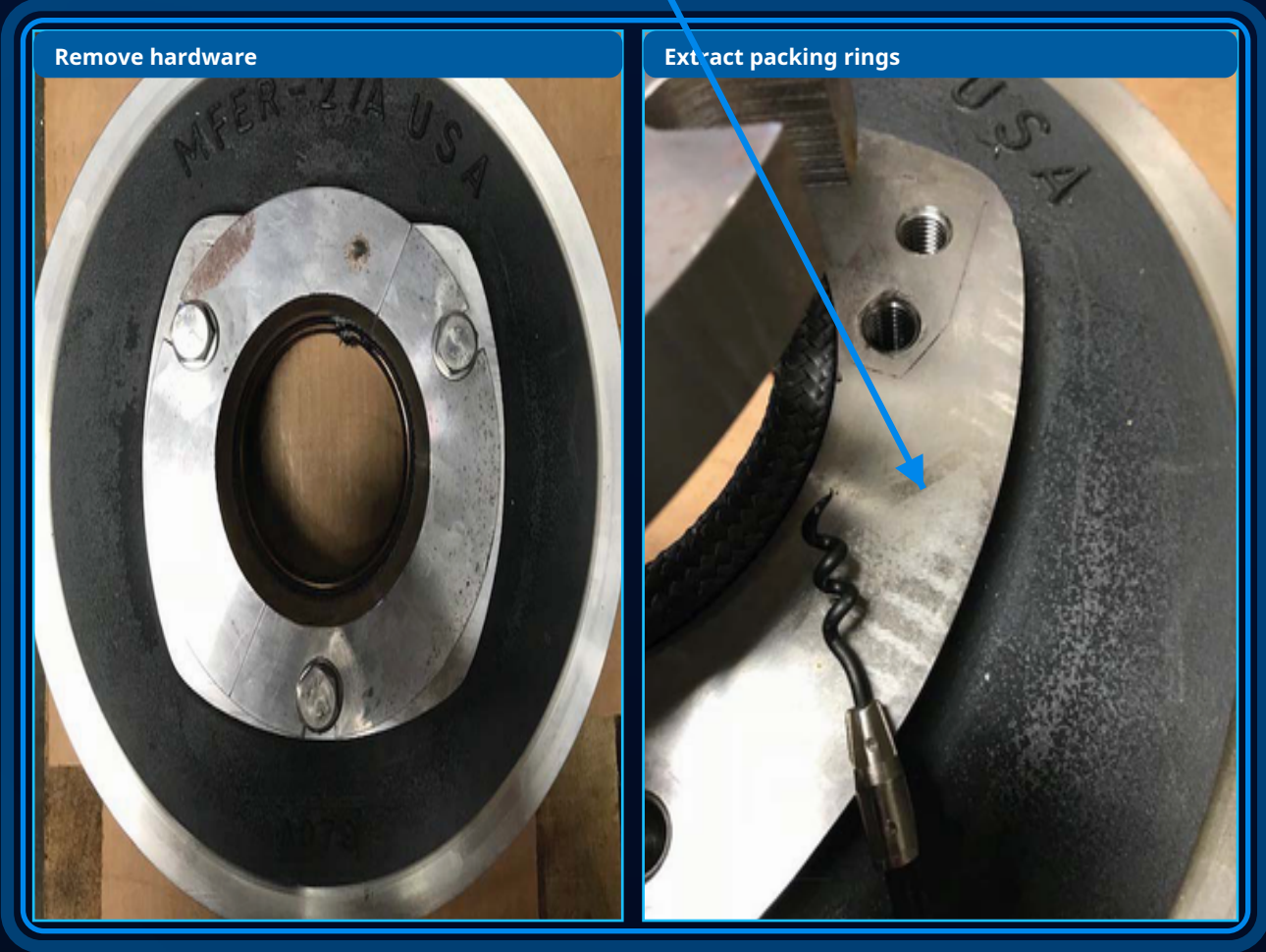
Slide follower back
Slide the packing follower back as far as possible to expose the packing rings.

3

Extract outer rings
Use the packing removal tool to pull the outer 2 rings of packing from the gland.

Keep removed hardware organized
Bolts and washers will be reused during reassembly. Inspect hardware before reinstalling.

Remove follower and extract rings



Removal reminder
Move the follower clear of the gland before using the removal tool. Do not damage the gland or shaft sleeve.

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PREPARATION

Preparation - clean all sealing surfaces before installing new packing rings

4

Clean packing bore and shaft sleeve

Remove old packing debris, grease, and buildup from the packing bore. Wipe the shaft sleeve clean and inspect sealing surfaces before installing new packing.

Preparation reminder

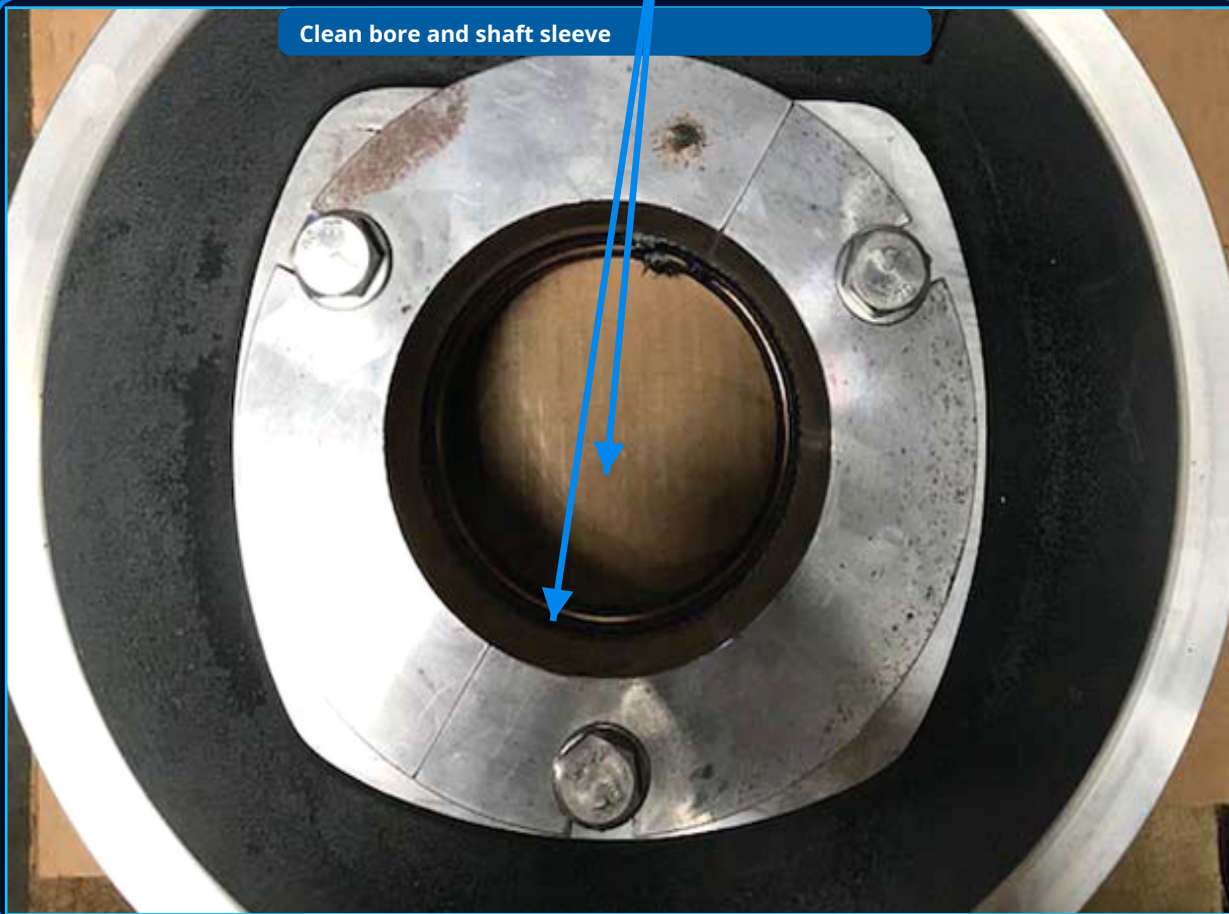
Do not install new packing over debris or damaged sealing surfaces. Confirm the packing bore and shaft sleeve are clean before proceeding.



Critical reminder

Avoid scratching the packing bore or shaft sleeve while cleaning. Damaged sealing surfaces can shorten packing life.

Clean packing bore and shaft sleeve



Inspection reminder

Remove any loose material and verify the shaft sleeve surface is clean before the first packing ring is seated.

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RING INSTALLATION

Ring installation - stagger joint locations and seat each packing ring evenly

Before step 5 - Grease packing before installation

Apply SKF LGMT-3 grease to the replacement packing rings before installing them in the gland.

5

Install first ring

Place the first ring in the 9 o'clock position on the left side of the gland.

6

Install second ring

Place the second ring in the 12 o'clock position at the top of the gland.

7

Set 45 degree cuts

Packing should be cut at a 45 degree angle with the overlap becoming almost flush.

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Critical reminder

Stagger ring cuts. Do not stack joints. Seat each ring before installing the next.

Staggered packing joints



Installation reminder

Use the 9 o'clock and 12 o'clock positions to keep the packing joints staggered during installation.

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FINAL SETUP

Final setup - reinstall follower, grease the gland, and confirm packing dribble

8

Reinstall follower

Slide the follower forward and replace bolts evenly. Start finger tight only.

9

Add grease if possible

Add grease to the packing gland if the fitting is accessible and conditions allow.

10

Check dribble and adjust

Check packing dribble once finger tight. Make adjustments one bolt flat at a time for even compression.

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Critical reminders

Do not over-tighten packing adjustment bolts. Maintain visible packing water dribble.

Finger tight first



Final adjustment reminder

After startup, use small, equal adjustments across all bolts. Re-check water flow before tightening further.