

Pump Packing Adjustment Procedure

WD SERVICE GUIDE



Customer-facing quick reference for safe, consistent packing adjustment.

WD Pumpco Service Guide Pump Packing & Adjustment

Field-ready reference for spacing checks, small equal adjustments, and continuous packing water flow.

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WD-SG-001	A	2026

Required tool

24 mm or 15/16 in. wrench

Adjustment rule

Turn each of the 3 gland follower bolts one flat at a time.

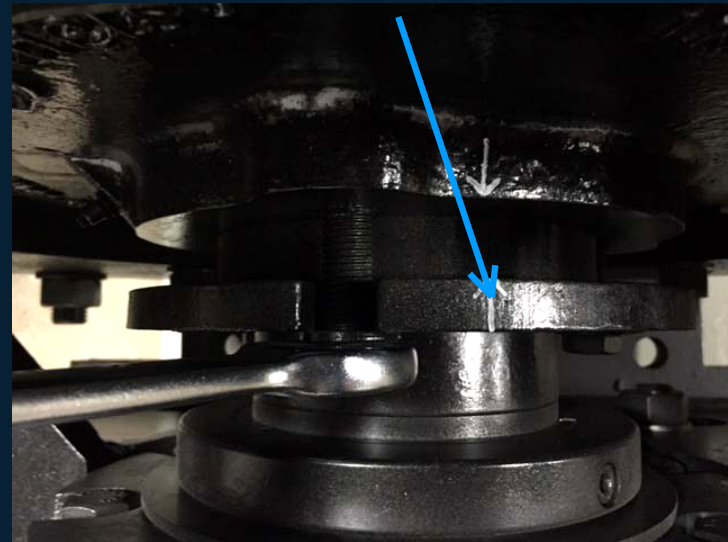
Required result

Maintain a visible water dribble / continuous stream.

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PACKING SETUP REFERENCE



Purpose of controlled leakage

Packing should not be tightened to a dry/no-leak condition. Water flow cools and lubricates the packing.



Critical reminders

Do not over-tighten. Never quench hot packing with cold water.

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SETUP REFERENCE

Reference setup before making any packing adjustment.

Setup checkpoints

Use this page to confirm the starting condition and identify normal leakage before adjustment.

1

Factory spacing check

Distance between marked arrows: approximately 3/4 in. to 1 in.

2

Bolt orientation

Adjustment bolts should be screwed into the rear / back side of the pump.

3

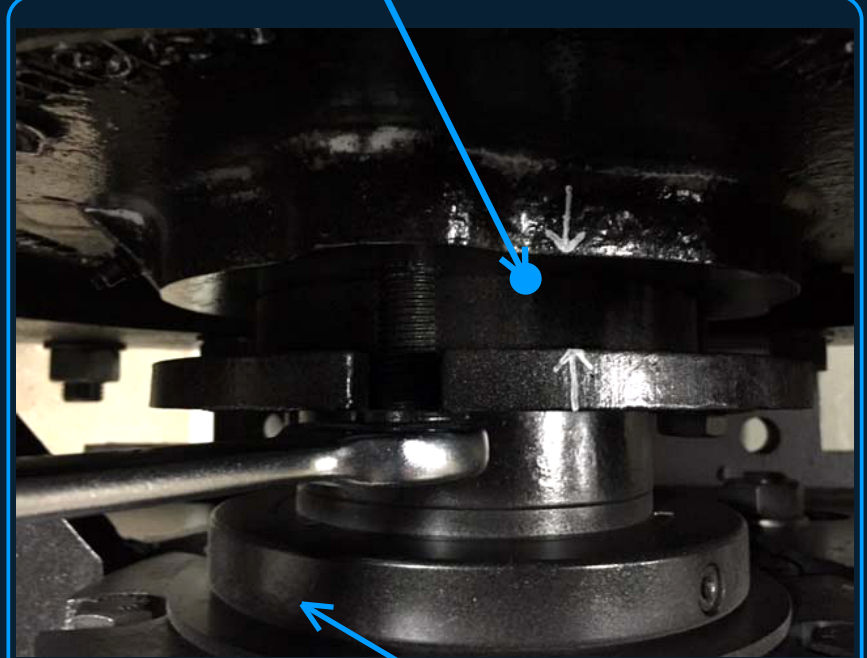
Normal water dribble

Dribble or light stream is normal when casing water is above the pump shaft centerline.

Do not chase zero leakage

A visible dribble / stream must remain present for cooling and lubrication.

FACTORY SPACING CHECK



MAINTAIN VISIBLE WATER DRIBBLE / STREAM

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ADJUSTMENT STEPS

Make small, equal adjustments and re-check water flow after each adjustment.

Field adjustment procedure

Make every adjustment in small, even increments across all three gland follower bolts.

1

Prepare safely

Follow site procedures, wear PPE, and confirm safe condition.

2

Use the correct wrench

Use a 24 mm or 15/16 in. wrench.

3

Adjust one flat at a time

Turn each of the 3 bolts one flat at a time - about 1/6 turn.

4

Adjust evenly

Apply the same small adjustment to each bolt.

5

Confirm water flow

Verify a continuous water dribble / stream remains present.

Stop before over-tightening

Do not over-tighten. Never quench hot packing with cold water.

ONE FLAT AT A TIME



Adjustment reminder

Tighten only enough to control leakage while maintaining visible water flow.

Repeat only as needed

Re-check the packing after each small, equal adjustment.

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FIELD CHECKS

Customer field checks, support information, and usage notes.



Normal vs. needs attention

Use these checks after adjustment or during routine customer inspection.

Condition	What it means	Recommended action
Visible water dribble / light stream	Normal and required for cooling and lubrication.	Continue monitoring during operation and after adjustments.
No visible water flow after tightening	Packing may be too tight or heat may build quickly.	Back off as needed and re-establish a continuous stream.
Uneven gland follower spacing	Bolts may not have been adjusted equally.	Make small, equal adjustments across all 3 bolts.
Heavy uncontrolled leakage	Packing may need inspection or replacement.	Inspect packing components before continuing operation.
Hot packing area	Potential over-tightening or poor water flow.	Do not quench with cold water. Allow to cool naturally and inspect.



Customer note

General field reference. Always follow site safety procedures and equipment operating manuals.



When to inspect

If leakage cannot be controlled while maintaining flow, inspect packing, sleeve, and related components.



Key rule

Adjust slowly. Adjust evenly. Maintain continuous water flow.

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