

Repair Parts for Xtreme mand XP Xtreme 290cc Lowers

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Important Safety Instructions

Read all warnings and instructions in manual 311762. Save those instructions.

25D238 Full Repair Kit - Graco Formulated UHMWPE/Leather (Abrasive Applications)

25D248 Full Repair Kit - PTFE

(Chemical Resistance and Higher Temperatures)

25D262 Full Repair Kit - Graco Formulated UHMWPE/PTFE (Chemical Resistance and Durability Below 140° F (60° C)

Bulk Pack Replacement Parts

Torque to 190-210 ft-lb (258-285 N•m)

∑ Torque to 125 ft-lb (169 N•m)

Torque to 135-150 ft-lb (183-203 N•m)

4 Torque to 40-60 ft-lb (52-82 N•m)

Apply lubricant to threads before assembly.

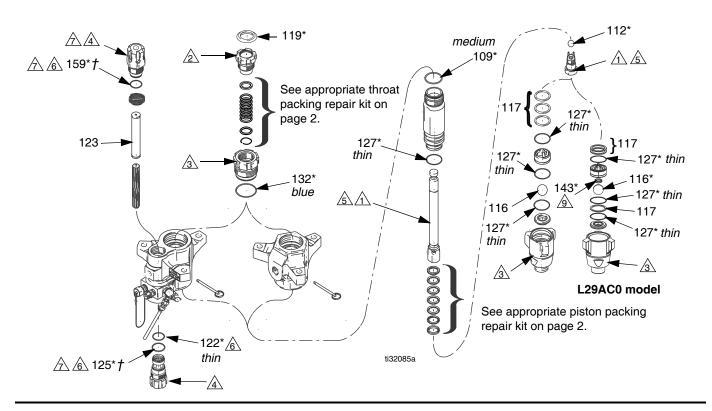
Lubricate

Circular grooves on top filter caps (not included) indicates pump series. See page 3 for detailed information.

Thick, medium, and thin refers to the relative cross-section thickness of the o-rings.



Non-filter models do not use items 122, 125, and 159.



Bulk Pack Replacement Parts

Ref.	Part	Description	Otr.	(*Includes items shown in
_		Description	Qty.	Throat Packings:
103*		THROAT PACKINGS	1	Lips Face Down
104*		PISTON PACKINGS	1	po : acc
109*	244893	O-RING, PTFE, top cylinder; medium (10/pack)	1	103b → □ □ □
112*	244899	BALL, piston, 1 in. (25 mm) diameter (3/pack)	1	wh
116*	253030	BALL, inlet, 1.5 in. (38 mm) diameter (3/pack)	1	
117	244856	SHIM, inlet, ball guide (9/pack)	3	103a →
119*	244999	PLUG, throat seal (10/pack)	1	103f
119*	247395	PLUG, throat seal (10/pack)	1	Lubi
122*	244895	O-RING, filter; thin, PTFE	1	
		(10/pack)		Throat Seal Repair
123	238436	STRAINER, 30 mesh screen,	1	
		5.65 in. (143.5 mm) (25/pack)		Includes:
123	224458	STRAINER, 30 mesh screen,	1	Ref. Description
		5.65 in. (143.5 mm) (2/pack)		103a GLAND, male, throa
123	238438	STRAINER, 60 mesh screen,	1	103b GLAND, female, pis
		5.65 in. (143.5 mm) (25/pack)		103e V-PACKING, PTFE,
123	224459	STRAINER, 60 mesh screen	1	103f WAVE SPRING
		5.65 in. (143.5 mm) (2/pack)		
125*†	262484	O-RING, bottom cap (10/pack)	1	Piston Seal Repair
	244896	For Series A pumps (10/pack)	1	i iotori oodi riopani
127*	244894	O-RING, PTFE; thin (10/pack)	4	Includes:
132*	244891	O-RING, blue, thin (10/pack)	1	Ref. Description
143*	116802	SPRING, foot valve; 262795 only	1	104a GLAND, male, pistor
159* <i>†</i>	262483	O-RING, top cap (10 pack)	1	104b GLAND, female, pisto
'	244895	For Series A pumps (10/pack)	1	104c V-PACKING, PTFE,
			•	

Included in Seal Repair Kits.

Thick, medium, and thin refers to the relative cross-section thickness of the o-rings.

Full Repair Kit - PTFE - 25D248

own in Replacement Parts table)

Piston Packings:

1	Lips Face Down	Lips F	ace Up
1	103b → □ □	104a →	
1	white		
1	103e		white
3	103a →	104h >	
1	103f 132086a	104b — ➤	
1	Lubric	ate Packings	

pair Kit - PTFE - 25D155

Ref. Description	Qty.
103a GLAND, male, throat	1
103b GLAND, female, piston	1
103e V-PACKING, PTFE, throat (white)	7
103f WAVE SPRING	1

pair Kit - PTFE - 25D165

	Ref.	Description	Qty.
	104a	GLAND, male, piston	1
	104b	GLAND, female, piston	1
l	104c	V-PACKING, PTFE, piston (white)	5

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[†] See page 3 to match correct o-ring with pump series. Dis card unused o-rings; they do not fit different series pumps.

Full Repair Kit - Graco Formulated UHMWPE/Leather - 25D238

(*Includes items shown in Replacement Parts table)

Throat Packings: **Piston Packings:** Lips Face Up 103b→ 104a—▶/ leather leather red 103d 103c red 104c **≸** <u>6</u> 104d <u>6</u> 103a → 104b → 2 103f

Lubricate Packings

(soak leather packings in oil for 1 hour)

Throat Seal Repair Kit - Graco Formulated UHMWPE/Leather - 25D138

Includes:

Ref. Description	Qty.
103a GLAND, male, throat	1
103b GLAND, female, throat	1
103c V-PACKING, leather, throat	3
103d V-PACKING, UHMWPE, throat (red)	4
103f WAVE SPRING	1

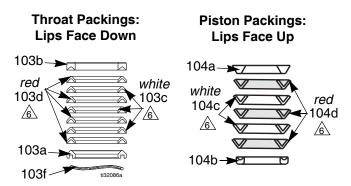
Piston Seal Repair Kit - Graco Formulated UHMWPE/Leather - 25D145

Includes:

Ref. Description	Qty.
104a GLAND, male, piston	1
104b GLAND, female, piston	1
104c V-PACKING, leather, piston	2
104d V-PACKING, UHMWPE, piston (red)	3

Full Repair Kit - Graco Formulated UHMWPE/PTFE - 25D262

(*Includes items shown in Replacement Parts table)



Lubricate Packings

Throat Seal Repair Kit - Graco Formulated UHMWPE/PTFE - 25D179

Includes:

Ref.	Description	Qty.
103a	GLAND, male, throat	1
103b	GLAND, female, throat	1
103c	V-PACKING, PTFE, throat (white)	3
103d	V-PACKING, UHMWPE, throat (red)	4
103f	WAVE SPRING	1

Piston Seal Repair Kit - Graco Formulated UHMWPE/PTFE - 25D193

Includes:

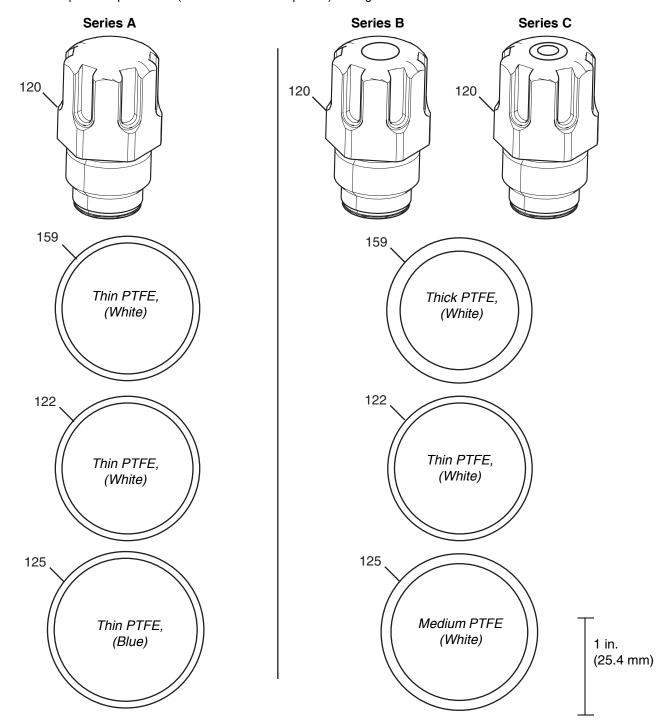
Ref.	Description	Qty.
104a	GLAND, male, piston	1
104b	GLAND, female, piston	1
104c	V-PACKING, PTFE, piston (white)	2
104d	V-PACKING, UHMWPE, piston (red)	3

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O-ring Chart

The pump series for all Xtreme and XP lowers are identified by the circular grooves on the top filter cap. Use the chart below to match the correct o-rings when rebuilding the pump. The original filter cap seals were changed in 2010 for improved sealing. The o-rings are not interchangeable between different series filter caps. See **24F975 Filter Cap Conversion Kit**, page 4.

Note: The top filter cap is shown (not included in the repair kit). O-rings below are shown at actual size.



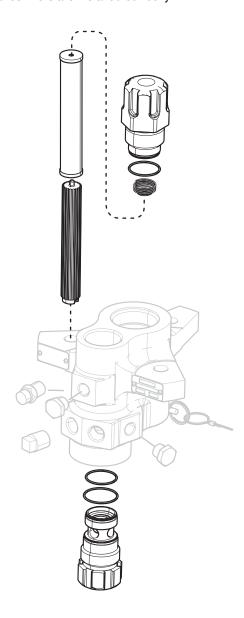
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24F975 Filter Cap Conversion Kit

Purchase **24F975 Filter Cap Conversion Kit** to improve seal ing of Series A filters. Includes components shown. See man ual 406882 for more information.

Benefits:

- Compatible with all sizes.
- Improves sealing
- Ensures filters are installed correctly



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All written and visual data contained in this document reflects the latest product information available at the time of publication.

Graco reserves the right to make changes at any time without notice.

For patent information, see www.graco.com/patents.

Original instructions. This manual contains English. MM 406894

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