INSTRUCTIONS-PARTS LIST 307677

Rev. J

KEEP FOR REFERENCE

GRACO

First choice when quality counts.™

FOR HIGH VOLUME HIGH-FLO® PUMPS

Pump Repair and Conversion Kits

NOTE: REFER TO THE HIGH-FLO PUMP INSTRUCTION MANUAL 307678 FOR IMPORTANT SAFETY WARNINGS AND SERVICE INSTRUCTIONS.

Seal Repair Kits

Select the specific kit for your displacement pump. Parts included in these kits are marked with an asterisk (*) in Fig. 1.

Pump Seal Repair Kit 243728
For Displacement Pumps 218523 and 218524
(2:1 Bulldog®, 4:1 King™, Viscount® 400 Pumps)

Ref. No.	Part No.	Description	Qty.
13*	180760	SEAL; UHMWPE	4
20*	107545	O-RING; PTFE	4
29*	180758	SEAL; UHMWPE	2
43*	180761	SEAL; UHMWPE	4
45*	183743	SEAL; UHMWPE	1

Optional Pump Seal Repair Kit 235855
For Displacement Pumps 218523 and 218524
(2:1 Bulldog®, 4:1 King™, Viscount® 400 Pumps)

Ref. No.	Part No.	Description	Qty.
13*	180760	SEAL; UHMWPE	4
20*	107545	O-RING; PTFE	4
29*	180758	SEAL; UHMWPE	2
43*	180761	SEAL; UHMWPE	4
45*	112037	SEAL; unfilled PTFE	1

Pump Seal Repair Kit 243727
For Displacement Pumps 218515 and 218516
(3:1 Bulldog®, 6:1 King™, Viscount® 600 Pumps)

Ref. No.	Part No.	Description	Qty.
13*	180760	SEAL; UHMWPE	4
20*	107545	O-RING; PTFE	4
29*	180759	SEAL; UHMWPE	2
43*	180761	SEAL; UHMWPE	4
45*	183744	SEAL; UHMWPE	1

Optional Pump Seal Repair Kit 235856
For Displacement Pumps 218515 and 218516
(3:1 Bulldog®, 6:1 King™, Viscount® 600 Pumps)

Ref. No.	Part No.	Description	Qty.
13*	180760	SEAL; UHMWPE	4
20*	107545	O-RING; PTFE	4
29*	180759	SEAL; UHMWPE	2
43*	180761	SEAL; UHMWPE	4
45*	112038	SEAL; unfilled PTFE	1

Pump Seal Repair Kit 243729
For Displacement Pumps 218530 and 218531
(1.5:1 Bulldog®, 3:1 King™, Viscount® 300 Pumps)

Ref. No.	Part No.	Description	Qty.
13*	180760	SEAL; UHMWPE	4
20*	107545	O-RING; PTFE	4
29*	180757	SEAL; UHMWPE	2
43*	180761	SEAL; UHMWPE	4
45*	183742	SEAL; UHMWPE	1

Optional Pump Seal Repair Kit 235854
For Displacement Pumps 218530 and 218531
(1.5:1 Bulldog®, 3:1 King™, Viscount® 300 Pumps)

Ref. No.	Part No.	Description	Qty.
13*	180760	SEAL; UHMWPE	4
20*	107545	O-RING; PTFE	4
29*	180757	SEAL; UHMWPE	2
43*	180761	SEAL; UHMWPE	4
45*	112036	SEAL; unfilled PTFE	1

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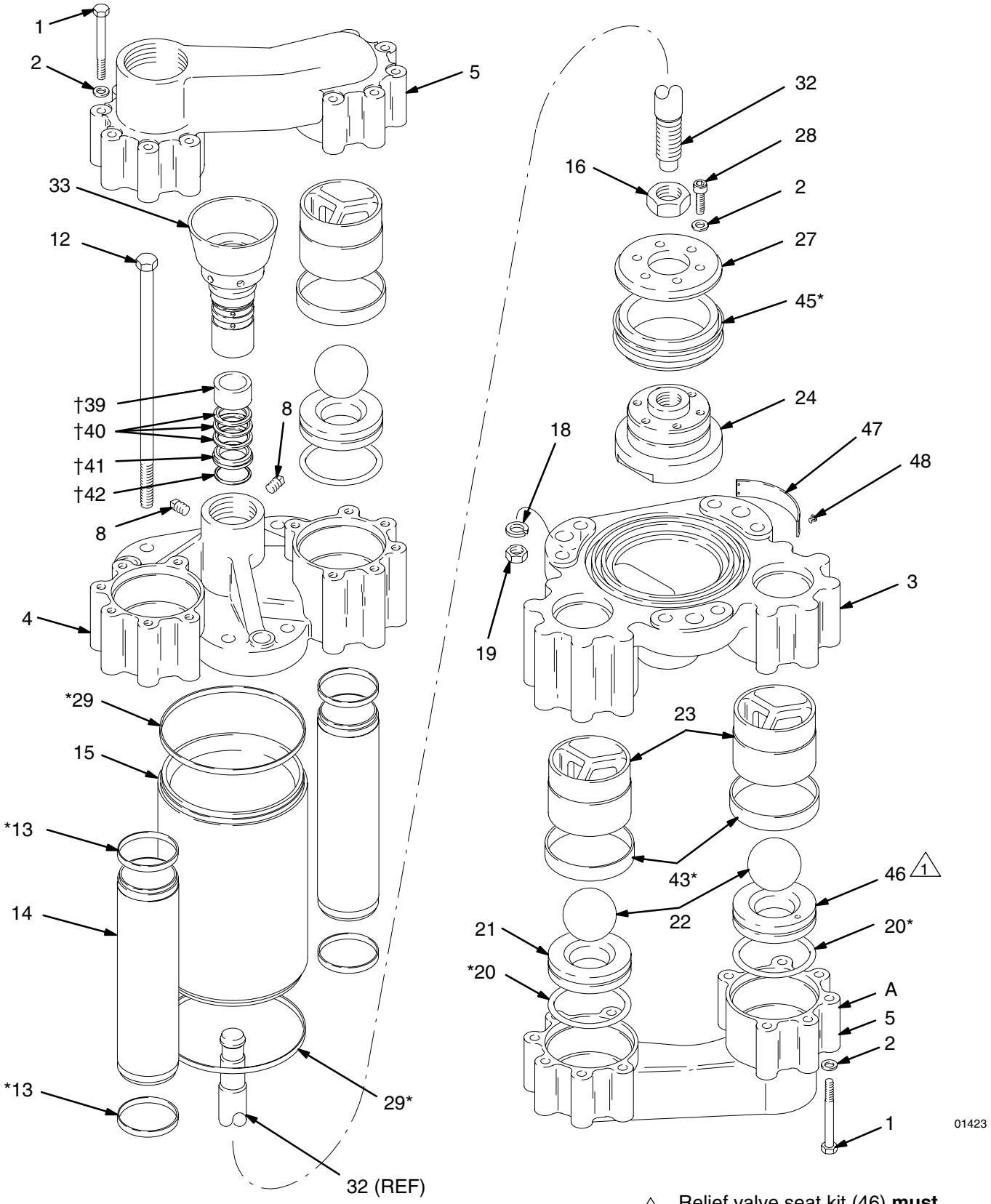

1 Relief valve seat kit (46) **must** be installed at pump fluid inlet (A).

NOTE: Reference numbers correspond to the numbers in the pump instruction manual 307678.

* These parts are included in the Seal Repair Kits. See page 1.

† These parts are included in the Throat Packing Repair Kits. See page 3.

Fig. 1

Throat Packing Repair Kits

For Displacement Pumps 218515, 218516, 218523, 218524, 218530, 218531, 240589, 240590, 240592, 240593, 240595, and 240596. Select according to packing material. Parts included in these kits are marked with a symbol (†) in Fig. 1.

UHMWPE Throat Packing Kit 218774

Ref. No.	Part No.	Description	Qty.
39†	180640	GLAND, packing, female	1
40†	180641	V-PACKING; UHMWPE	3
41†	180639	GLAND, packing, male	1
42†	181228	GLAND, seal; UHMWPE	1

PTFE Throat Packing Kit 218733

Ref. No.	Part No.	Description	Qty.
39†	180640	GLAND, packing, female	1
40†	180642	V-PACKING; PTFE	3
41†	180639	GLAND, packing, male	1
42†	181228	GLAND, seal; UHMWPE	1

Leather Throat Packing Kit 218734

Ref. No.	Part No.	Description	Qty.
39†	180640	GLAND, packing, female	1
40†	15J057	V-PACKING; leather	3
41†	180639	GLAND, packing, male	1
42†	181228	GLAND, seal; UHMWPE	1

Throat Packing Conversion Kits

For Displacement Pumps 218515, 218516, 218523, 218524, 218530, 218531, 240589, 240590, 240592, 240593, 240595, and 240596. Include 7 v-packings. Select according to desired packing material. Refer to Fig. 2.

UHMWPE/Leather Throat Packing Kit 237566

Part No.	Description	Qty.
190274	GLAND, packing, female	1
15J057	V-PACKING; leather	3
180641	V-PACKING; UHMWPE	4
180639	GLAND, packing, male	1
181228	GLAND, seal; UHMWPE	1

PTFE/Leather Throat Packing Kit 237605

Part No.	Description	Qty.
190274	GLAND, packing, female	1
15Jo57	V-PACKING; leather	3
190298	V-PACKING; PTFE	4
180639	GLAND, packing, male	1
181228	GLAND, seal; UHMWPE	1

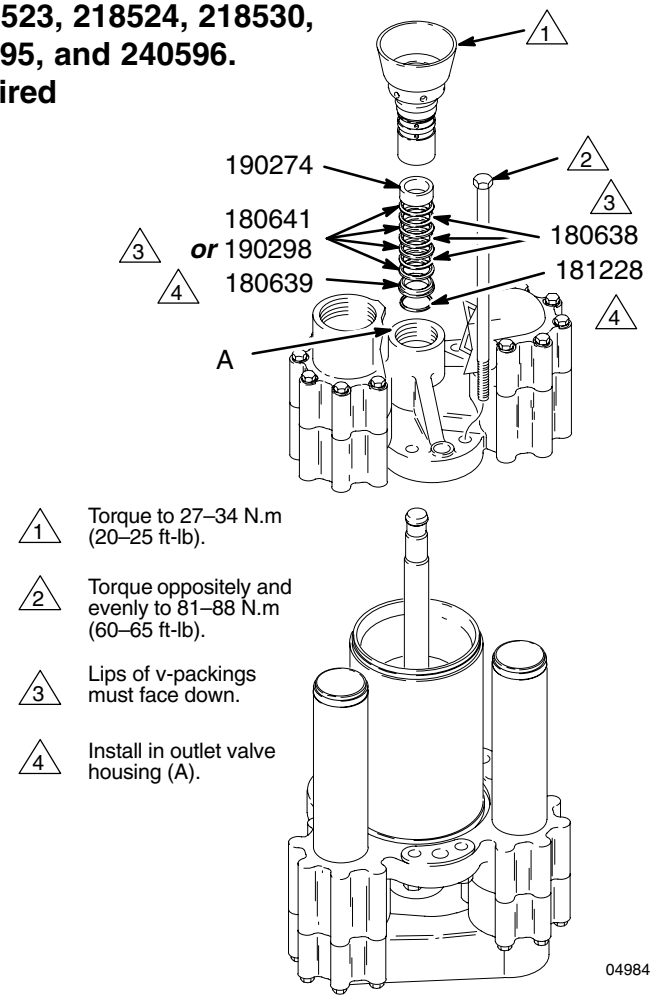

Fig. 2

Wiper Accessory Kit 237766

Wiper Accessory Kit 237766 helps keep the piston shaft clean and reduces solvent leakage from the wet-cup. Install the wiper accessory into the groove of the wet-cup/packing nut 237650, as shown in Fig. 3. The kit includes instructions.

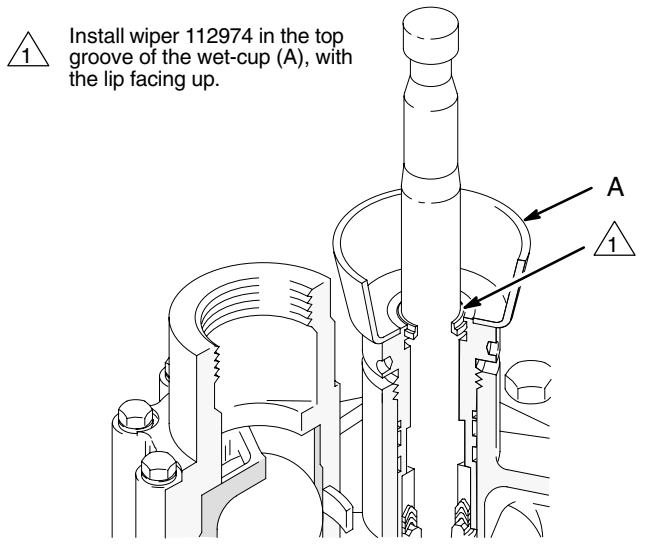

Fig. 3

Graco Information

TO PLACE AN ORDER, contact your Graco distributor, or call one of the following numbers to identify the distributor closest to you:

1–800–328–0211 Toll Free
612–623–6921
612–378–3505 Fax

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