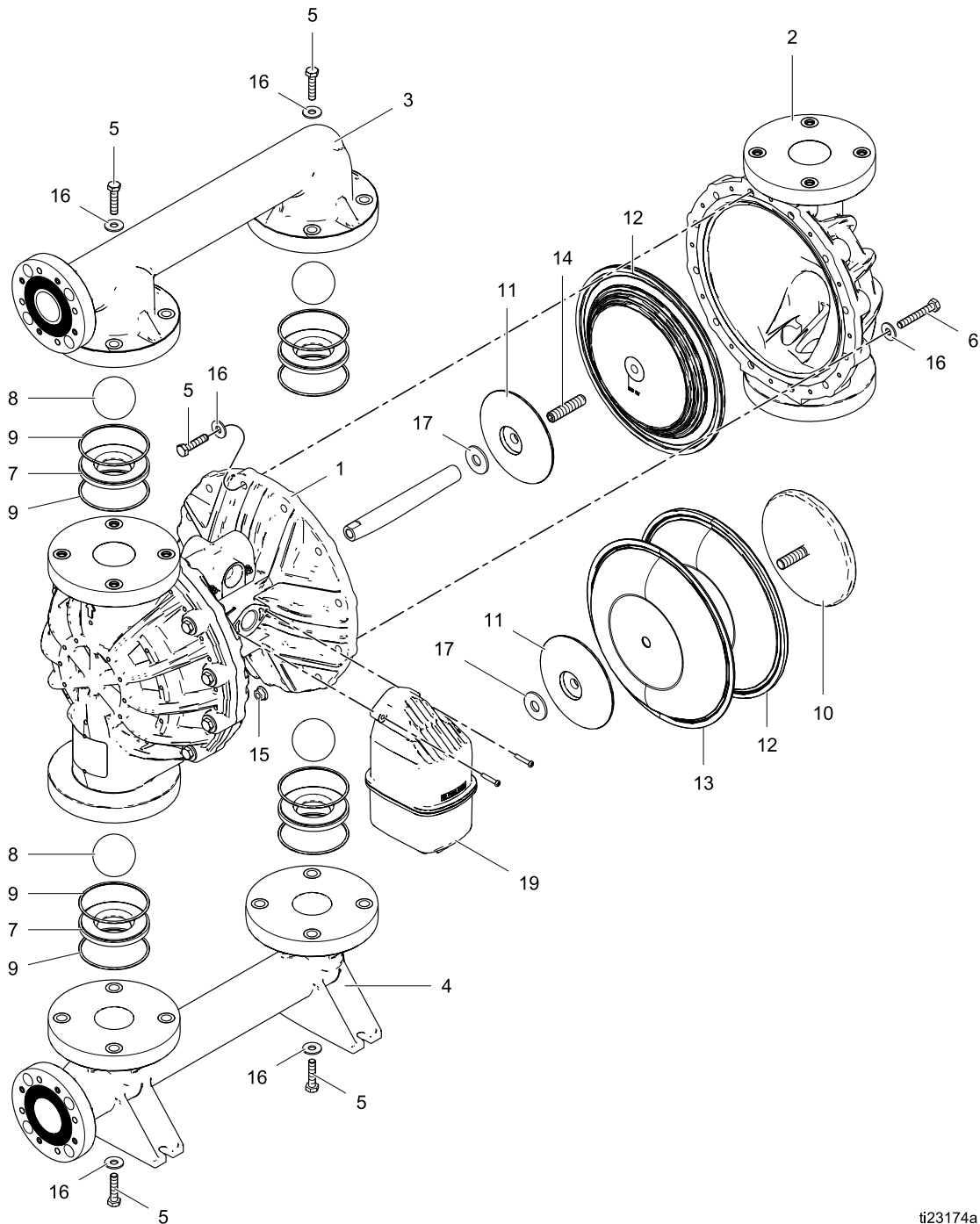


Graco Husky 2200

Parts

Parts



ti23174a

Parts

Parts/Kits Quick Reference

Use this table as a quick reference for parts/kits. Go to the pages indicated in the table for a full description of kit contents.

Ref.	Part/Kit	Description	Qty.
1	— — —	Center Section; Polypropylene, not sold separately	1
102	24V231	Air Valve; <i>see page 24</i>	1
2		Fluid Cover Kits; <i>see page 26</i>	2
	24V234	Polypropylene	
	24V240	PVDF	
3		Outlet Manifold Kits; <i>see page 26</i>	1
	24V255	Polypropylene, center flange	
	24V238	Polypropylene, end flange	
	24V414	PVDF, end flange	
4		Inlet Manifold Kits; <i>see page 26</i>	1
	24V413	Polypropylene, center flange	
	24V239	Polypropylene, end flange	
	24V415	PVDF, end flange	
5	24V237	Manifold Fastener Kit; <i>see page 26</i>	2
6	24V235	Fluid Cover Fastener Kit; <i>see page 26</i>	2
7		Seats; 4-pack; <i>see page 27</i>	1
	24V248	Polypropylene	
	24V247	PVDF	
	24V249	Santoprene	
	24V250	Stainless Steel	
8		BALLS, valve, check; 4-pack; <i>see page 27</i>	1
	24V253	FKM	
	24V251	PTFE	
	24V252	Santoprene	

Ref.	Part/Kit	Description	Qty.
9	24V236	O-RING, seat; 8-pack; <i>see page 30.</i>	1
10		Fluid Side Diaphragm Plate; <i>see page 29</i>	2
	24V245	Polypropylene	
	24V246	PVDF	
11	24V254	Air Side Diaphragm Plate; includes washer (Ref. 17); <i>see page 29</i>	2
12		Diaphragm Kits; <i>see pages 28 to 29</i>	1
	24V243	FKM Fluoroelastomer Standard	
	24V242	Santoprene Standard	
	24V241	PTFE/EPDM Overmolded; includes screw (Ref. 14)	
	24V244	PTFE/Santoprene Two-Piece; includes backup diaphragm (Ref. 13)	
13	— — —	DIAPHRAGM, backup, Santoprene	1
14	— — —	SCREW, set; included with PO diaphragms (Ref. 12).	
15	— — —	NUT, included with Ref. 6	16
16	— — —	WASHER, included with Ref. 5 and Ref. 6	40
17	— — —	WASHER, included with Ref. 11	1
18	188621▲	LABEL, warning	1
19	24P932	Muffler; includes o-ring and mounting hardware	1
20	16P055▲	TAG, torque instructions	1
21	198382▲	LABEL, warning, multilingual	1

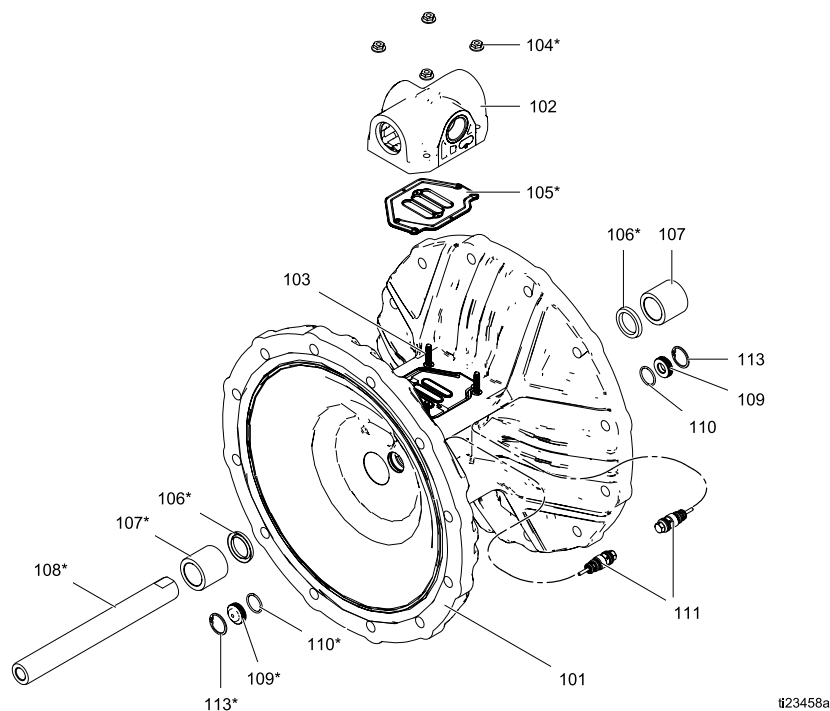
▲ Replacement Warning labels, signs, tags, and cards are available at no cost.

Parts

Center Section

Sample Configuration Number

Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT



Ref	Description	Qty	Ref	Description	Qty
101	HOUSING, center, not sold separately	1	108*	SHAFT, center	1
102	VALVE, air, <i>see page 24</i>	1	109*	CARTRIDGE, pilot receiver	2
103	SCREW, hi-lo stud	4	110*	O-RING, Buna-N	2
104*	NUT, hex, flange, serrated	4	111*	VALVE, pilot, assembly	2
105*	GASKET, air valve	1	112*	LUBRICANT	1
106*	U-CUP, center shaft	2	113*	RING, retaining	2
107*	BEARING, shaft	2			

* Included in Center Section Rebuild Kit.

Parts

Sample Configuration Number

Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

Center Section Rebuild Kits (*)	
P01A with 2-Piece diaphragms (PT) or standard diaphragms (SP, FK)	24V226
P01G with overmolded diaphragms (PO)	24V227

Kits include:

- 1 center shaft (108)
- 4 hex nuts, serrated (104)
- 2 center shaft bearings (107)
- 2 center shaft u-cups (106)
- 1 air valve gasket (105)
- 8 seat o-rings (9)
- 2 pilot valves (111)
- 2 pilot valve receiver cartridges (109)
- 2 retaining rings (113)
- 2 receiver cartridge o-rings (110)
- 1 grease packet (112)

Pilot Valve Assembly Kit	
All models	24V823

Kit includes:

- 2 pilot valves (111)
- 2 pilot valve receiver cartridges (109)
- 2 receiver cartridge o-rings (110)
- 1 grease packet (112)
- 2 retaining rings (113)

Center Shaft Kits (*)	
P01A with 2-Piece diaphragms (PT) or standard diaphragms (SP, FK)	24V228
P01G with overmolded diaphragms (PO)	24V229

Kits include:

- 2 center shaft u-cups (106)
- 1 center shaft (108)
- 2 center shaft bearings (107)
- 1 grease packet (112)

Center Shaft Bearing Kit	
All models	24V230

Kit includes:

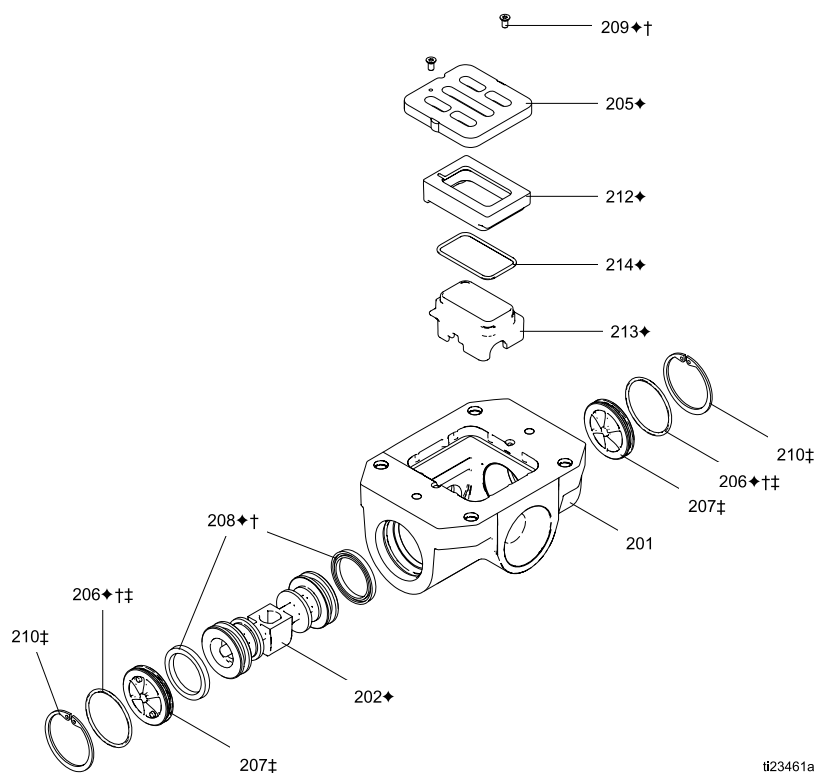
- 2 center shaft u-cups (106)
- 2 center shaft bearings (107)
- 1 grease packet (112)

Parts

Air Valve

Sample Configuration Number

Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT



Ref	Description	Qty	Ref	Description	Qty
201	HOUSING, not sold separately	1	209♦†	SCREW, #4, thread forming	2
202♦	PISTON	1	210‡	RETAINING RING	2
205♦	PLATE, air valve	1	212♦	BASE, cup	1
206♦‡	O-RING	2	213♦	CUP	1
207‡	CAP, end	2	214♦	O-RING, cup	1
208♦†	U-CUP	2			

♦ Parts included in Air Valve Repair Kit.

‡ Parts included in Air Valve End Cap Kit.

† Parts included in Air Valve Seals Kit.

Parts

Sample Configuration Number

Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

† Air Valve Seals Kit	
All models	24K859

Kit includes:

- 2 end cap o-rings (206)
- 2 piston u-cups (208)
- 2 screws, M3, shorter (not used)
- 2 screws, #4, longer (209)
- 1 air valve gasket (105)
- 1 grease packet (112)
- 1 solenoid release button o-ring (not shown), used only with optional DataTrak kit.

◆ Air Valve Repair Kit	
All models	24K860

Kit includes:

- 1 air valve piston (202)
- 1 detent piston assembly (203, not used)
- 1 detent cam (204, not used)
- 1 air valve plate (205)
- 2 end cap o-rings (206)
- 2 piston u-cups (208)
- 2 screws, M3, shorter (not used)
- 2 screws, #4, longer (209)
- 1 detent spring (211, not used)
- 1 air cup base (212)
- 1 air cup (213)
- 1 air cup o-ring (214)
- 1 solenoid release button o-ring (not shown), used only with optional DataTrak kit.
- 1 air valve gasket (105)
- 1 grease packet (112)

Air Valve Replacement Kit	
All models	24V231

Kits include:

- 1 air valve assembly (102)
- 1 air valve gasket (105)
- 4 hex nuts (104)

‡ Air Valve End Cap Kit	
All models	24C053

Kit includes:

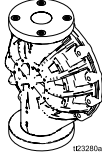
- 2 end caps (207)
- 2 retaining rings (210)
- 2 o-rings (206)
- 1 grease packet (112)

NOTE: If you have the optional DataTrak on your pump, see [Accessories, page 31](#), for Air Valve Replacement kits.

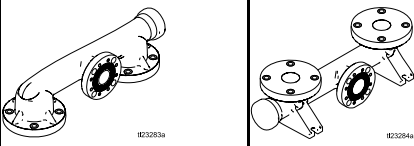
Parts

Fluid Covers and Manifolds
Sample Configuration Number

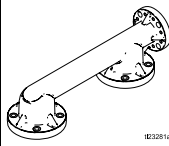
Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

Fluid Cover Kits			
Polypropylene		PVDF	
P1, P2	24V234	F2	24V240
			

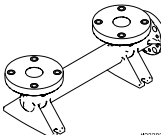
Kits include 1 fluid cover (2)

Center Manifold Kits (Polypropylene Only)		
P1	Outlet (3) 24V255	Inlet (4) 24V413
		

Kits include 1 manifold

End Outlet Manifold Kits			
Polypropylene		PVDF	
P2	24V238	F2	24V414
			

Kits include 1 manifold (3)

End Inlet Manifold Kits			
Polypropylene		PVDF	
P2	24V239	F2	24V415
			

Kits include 1 manifold (4)

Fluid Cover Fastener Kits	
All Models	24V235

Kit includes:

- 8 bolts (6), hex head, stainless steel, M10 x 1.5 x 70 mm (2.76 in)
- 4 bolts (5), hex head, stainless steel, M10 x 1.5 x 45 mm (1.77 in.)
- 12 washers (16)
- 8 nuts (15), hex, flange, M10

Manifold Fastener Kits	
All Models	24V237

Kit includes:

- 8 bolts (5), hex head, stainless steel, M10 x 1.5 x 45 mm (1.77 in.)
- 8 washers (16)

Parts

Seats and Check Balls

Sample Configuration Number

Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

Seat Kits	
PP	24V248
SS	24V250
SP	24V249
PV	24V247

Kits include:

- 4 seats (7), material indicated in table.

NOTE: O-rings are sold separately. See **Manifold Seals**, page 30..

Ball Kits	
FK	24V253
PT	24V251
SP	24V252

Kits include:

- 4 balls (8), material indicated in table.

NOTE: O-rings are sold separately. See **Manifold Seals**, page 30..

Parts

Diaphragms

Sample Configuration Number

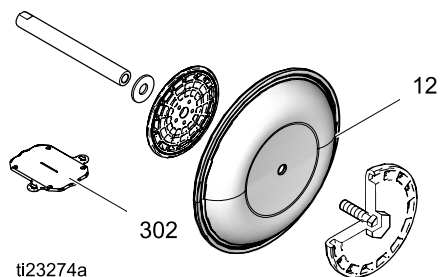
Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

Standard Diaphragm Kits	
SP	24V242
FK	24V243

Kits include:

- 2 diaphragms (12), material indicated in table
- 1 diaphragm install tool (302)
- 1 packet anaerobic adhesive

NOTE: Fluid and Air plates are sold separately. The shaft is part of the Center Section Rebuild Kit (24V226) or the Center Shaft Kit (24V228). See [Center Section](#).

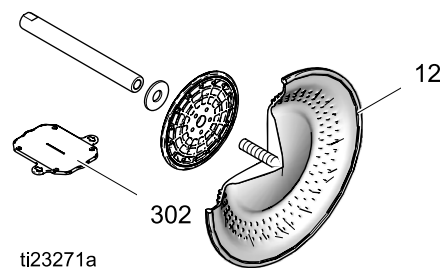


Overmolded Diaphragm Kit	
PO	24V241

Kits include:

- 2 overmolded diaphragms (12), material indicated in table.
- 2 diaphragm set screws, stainless steel (14)
- 1 diaphragm install tool (302)
- 1 packet anaerobic adhesive

NOTE: Air plates are sold separately. The shaft is part of the Center Section Rebuild Kit (24V227) or the Center Shaft Kit (24V229). See [Center Section](#).



Parts

Sample Configuration Number

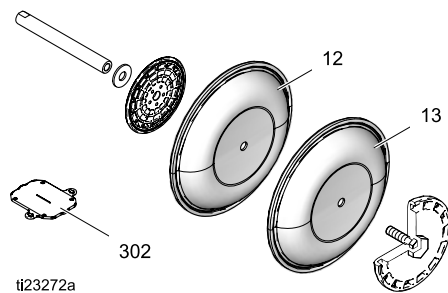
Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

Two-Piece Diaphragm Kit	
PT	24V244

Kits include:

- 2 diaphragms (12), PTFE
- 2 backup diaphragms (13), Santoprene
- 1 diaphragm install tool (302)
- 1 packet anaerobic adhesive

NOTE: Fluid and Air plates are sold separately. The shaft is part of the Center Section Rebuild Kit (24V226) or the Center Shaft Kit (24V228). See [Center Section](#).



Fluid Plate Kits	
P1, P2	24V245
F2	24V246

Kits include:

- 1 fluid side diaphragm plate (10), includes shaft bolt
- 1 packet anaerobic adhesive

Air Plate Kits	
All Models	24V254

Kits include:

- 1 air side plate (11)
- 1 washer (17)

Parts

Manifold Seals

Sample Configuration Number

Pump Model	Center Section and Air Valve	Fluid Covers and Manifolds	Seats	Balls	Diaphragms	Seat and Manifold Seal
2200P	P01A	P1	PP	PT	FK	PT

Standard Manifold O-Ring Kits		
All Models	PTFE	24V236

Kits include:

- 8 o-rings (9), material shown in tables

Optional Manifold O-Ring Kits	
PTFE-Encapsulated FKM	24V978
FX75	24W463