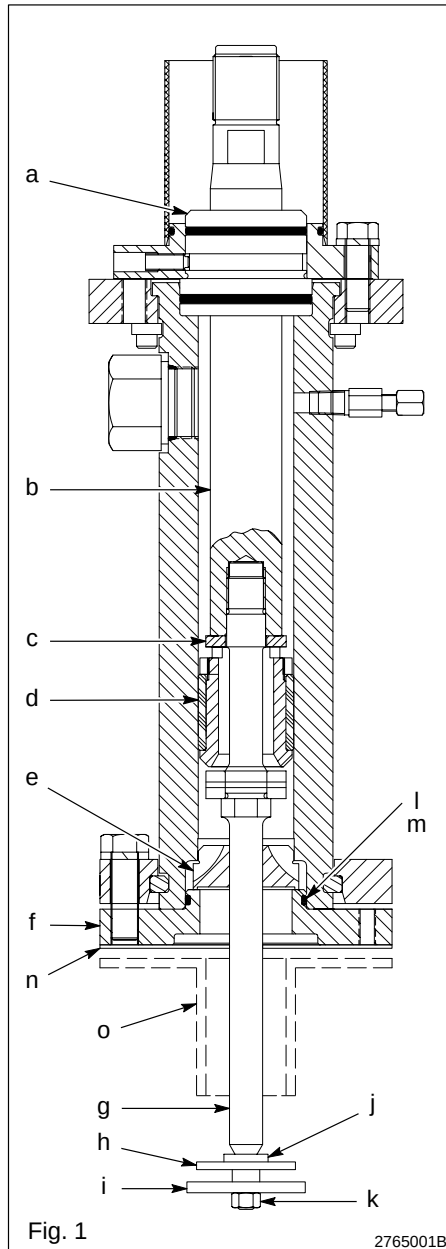


Rhino® Pump Service Kits

Bolt Together Pumps

To order the appropriate pump service kit, use the following part numbers and illustrations to determine your hydraulic section type (bolt or screw together) and ratio (48:1 or 65:1).



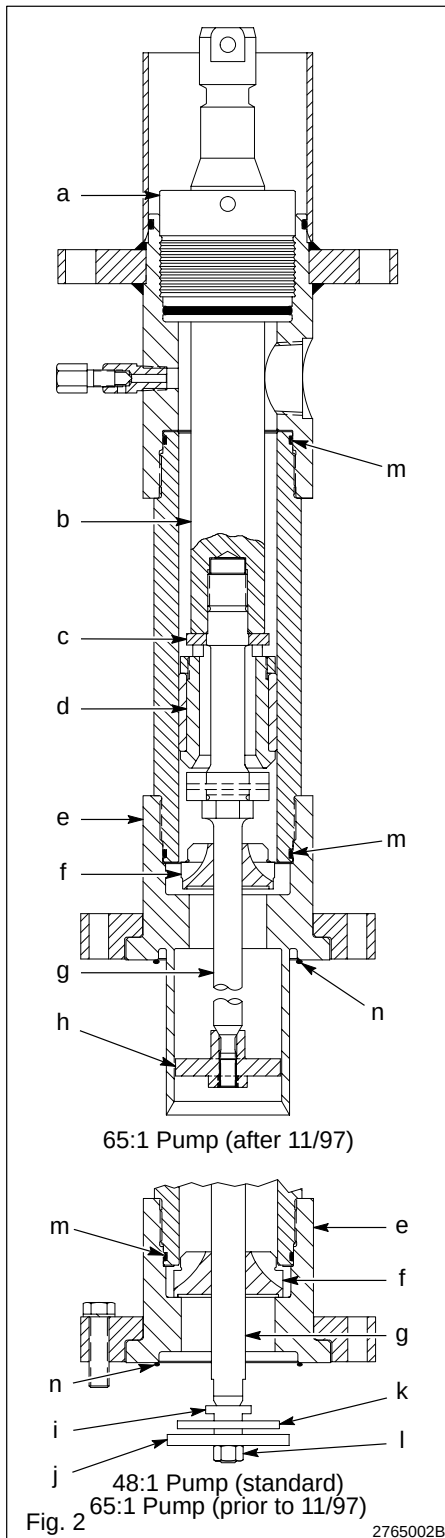
48:1 Pumps

Kit	Item	Part	Description
1	a	126 841	Gland, kit, pump, urethane
2	—	306 238	Drive train kit, 48:1 bolt type
	a	-----	• Gland, kit, pump, urethane
	b	-----	• Rod, plunger, 48:1
	c	-----	• Spacer, 1.81 OD x 0.93 ID
	d	-----	• Piston assembly, 48:1 piston
	e	-----	• Plate, check, lower
	g	-----	• Rod, upper check
	h	-----	• Washer, 0.65 ID x 2.25 OD
	i	-----	• Disc, shovel
	j	-----	• Retainer, washer
	k	-----	• Nut, hex, self-locking, 3/8-24
	l	-----	• O-ring, Buna-N, 2.48 x 2.76 x 0.13
	m	-----	• Backup ring, single, 2.5
	n	-----	• Gasket, follower
3	—	306 262	• Kit, shovel, 48:1 Rhino
	h	-----	• Washer, 0.65 ID x 2.25 OD
	i	-----	• Disc, shovel
	j	-----	• Retainer, washer
	k	-----	• Nut, hex, self-locking, 3/8-24
4	—	295 789	48:1 hydraulic assembly replacement kit — Includes hydraulic section (as shown in Fig. 2) and mounting rods and coupling kit (not shown).
—	e, f	-----	The lower check seat is discontinued. To replace a lower check seat, order kit 4.

65:1 Pumps

Kit	Item	Part	Description
1	a	126 910	Gland, kit, pump, urethane, nylon
2	—	306 236	Drive train kit, 65:1 bolt type
	a	-----	• Gland, kit, pump, urethane, nylon
	b	-----	• Rod, plunger, 65:1
	c	-----	• Spacer, 1.50 OD x 0.93 ID x 0.25
	d	-----	• Piston assembly, 65:1 piston
	e	-----	• Plate, check, lower
	o	-----	• Kit, service, shovel/adaptor — Refer to 65:1 Shovel/Adapter Service Kit instruction sheet
	g	-----	• Rod, upper check
	l	-----	• O-ring, Buna-N, 2.109 x 2.38 x 0.139
	m	-----	• Backup ring, single, 2 1/8
3	o	295 976	Kit, service, shovel/adaptor — Refer to 65:1 Shovel/Adapter Service Kit instruction sheet
4	—	295 792	65:1 hydraulic assembly replacement kit — Includes screw together hydraulic section (as shown in Fig. 2) and mounting rods (not shown).
—	e, f	-----	The lower check seat is discontinued. To replace a lower check seat, order kit 4.

Screw Together Pumps



48:1 Pumps

Kit	Item	Part	Description	Quantity
1	a	239 818	Gland, kit, pump, urethane	1
2	—	306 239	Drive train kit, 48:1 screw type	1
	a	-----	• Gland, kit, pump, urethane	1
	b	-----	• Rod, plunger, 48:1	1
	c	-----	• Spacer, 1.81 OD x 0.93 ID	1
	d	-----	• Piston assembly, 48:1 piston	1
	f	-----	• Plate, check, lower	1
	g	-----	• Rod, upper check	1
	i	-----	• Retainer, washer	1
	j	-----	• Disc, shovel	1
	k	-----	• Washer, 0.65 ID x 2.25 OD	1
	l	-----	• Nut, hex, self-locking, 3/8-24	1
	m	-----	• O-ring, Viton, 2 11/16 x 2 7/8 x 3/32	2
	n	-----	• O-ring, Viton, 3.00 x 3.125 x 0.063	1
3	—	306 262	Kit, shovel, 48:1 Rhino	1
	i	-----	• Retainer, washer	1
	j	-----	• Disc, shovel	1
	k	-----	• Washer, 0.65 ID x 2.25 OD	1
	l	-----	• Nut, hex, self-locking, 3/8-24	1
4	—	225 793	48:1 hydraulic assembly (as shown)	1
5	—	306 243	Kit, check and seat, 48:1 pump	1
	e	-----	• Housing, bottom plate, pump 48:1	1
	f	-----	• Plate, lower check	1
	m	-----	• O-ring, Viton, 2 11/16 x 2 7/8 x 3/32	1
	n	-----	• O-ring, Viton, 3.00 x 3.125 x 0.063	1

65:1 Pumps

Kit	Item	Part	Description	Quantity
1	a	239 819	Gland, kit, pump, urethane, nylon	1
2	—	306 237	Drive train kit, 65:1 screw type	1
	a	-----	• Gland, kit, pump, urethane, nylon	1
	b	-----	• Rod, plunger, 65:1	1
	c	-----	• Spacer, 1.50 OD x 0.93 ID x 0.25	1
	d	-----	• Piston assembly, 65:1 piston	1
	f	-----	• Plate, check, lower	1
	g	-----	• Rod, upper check	1
	h	-----	• Shovel, 2.38 inch diameter	1
	m	-----	• O-ring, Viton, 2 11/16 x 2 7/8 x 3/32	2
	n	-----	• O-ring, Viton, 3.00 x 3.125 x 0.063	1
3	h	295 971	Shovel, 2.38 inch diameter	1
4	—	225 791	65:1 hydraulic assembly (as shown)	1
5	—	306 242	Kit, check and seat, 65:1 pump	1
	e	-----	• Housing, bottom plate, pump, 65:1	1
	f	-----	• Plate, lower check	1
	m	-----	• O-ring, Viton, 2 11/16 x 2 7/8 x 3/32	1
	n	-----	• O-ring, Viton, 3.00 x 3.125 x 0.063	1

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