



NOTE:
THIS PUMP ASSY IS FOR EXTERNAL MIX ONLY

MAGNUM VENUS PRODUCTS

22 : 1 PRO RIDER PUMP

VPRO-45220-NPR

REV. A = ADDED ITEM 53 PF-SW-06 11-01-05 BT2
 REV. B = REMOVED NOTE FOR EXTERNAL MIX ONLY 11-29-06 JEM
 REV. C = REMOVED ITEM 21B 15991-3, WHICH IS NO LONGER AVAILABLE 03-24-16 BT2

22 : 1 PRO RIDER PUMP VPRO-45220-NPR

PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	F-LN-04C	1	NYLOCK HEX NUT
2	F-JN-07C	1	HEX NUT
3	F-CS-04C-24-SS	1	CAP SCREW
4	F-LN-04F	6	LOCK NUT
* 5	O-B-242	1	O-RING
6	F-HB-04C-24	1	HEX BOLT
7	F-HB-05C-32	2	HEX BOLT
8	F-HB-06C-60-GR5	2	HEX BOLT
9	02966	6	AIRCRAFT BOLT
10	15950-1	1	LOWER PACKING SPRING
11	PF-RB-12-08	1	REDUCER BUSHING
12	15515	1	PLUG
13	PF-HN-08L	1	LONG NIPPLE
15	15888-1	1	AIR MOTOR PISTON
* 16	O-B-112	1	O-RING
* 17	O-B-157	1	O-RING
18	VLS-2429	1	COMPRESSION RING
19	VLS-2419	1	PISTON BODY
20	15983-1	1	CYLINDER HEAD
21	15991-1	1	CYLINDER
* 22	VLS-2415	2	PISTON CUP
23	VLS-2416	1	PISTON CUP SPACER
24	VLS-2417	1	PISTON CUP BACKUP
25	VLS-2420	1	BALL STOP
26	3102-16-1	1	FOOT VALVE SPRING
27	VLS-2402	1	FOOT VALVE BODY
28	VLS-2404	1	FEMALE COMPRESSION SPRING
* 29	VLS-2405	1	PISTON ROD PACKING SPA
30	VLS-2424	1	FOOT VALVE COLLAR
31	VLS-2414	1	PISTON BALL SPRING
32	52106-3	1	QUICK PIN CABLE ASSY
33	VPRO-1006	6	SLAVE ARM BUSHING
34	VPRO-1005	3	SLAVE ARM SPACER
36	F-HB-05C-12	2	HEX BOLT
* 37	O-V-129	2	O-RING
38	PF-SE-08	1	STREET ELBOW
39	7701-4-5	1	PLASTIC PLUG
40	VPRO-1007	1	MOUNT BLOCK
41	VPRO-1003-01	1	LINK BAR
42	VPRO-1001	2	UPPER SLAVE ARM
43	VPRO-1002	2	LOWER SLAVE ARM
44	85728-3	1	CENTER SECTION ASSY
45	VPRO-2000	1	SHIFT BLOCK ASSY
46	85806-1	1	TRIP SLEEVE
47	85716-1	1	PISTON ROD
48	15951-1	1	SPRING RETAINER
49	VLS-2406	1	MALE COMPRESSION RING
50	VLS-2426	1	1/2" CHROME BALL
51	VLS-2427	1	CHROME BALL
53	PF-SW-06	1	SWIVEL
	95033-EN	1	PUMP PRIME CAUTION LABEL (NOT SHOWN)
	95099-1	1	SLAVE ARM DECAL (NOT SHOWN)
	95084-EN	1	AIR SHUT OFF CAUTION LABEL (NOT SHOWN)

REPAIR KITS

PART NO.	DESCRIPTION
* VPRO-45220-SK	SEAL KIT

OPTIONAL PARTS AND ASSEMBLIES

ITEM	PART NO.	QTY	DESCRIPTION
23B	3102-11-2	1	HARDENED PISTON CUP SPACER
24B	3102-12-2	1	HARDENED PISTON CUP BACKUP
52	7203-2-10	1	BALL STOP PIN