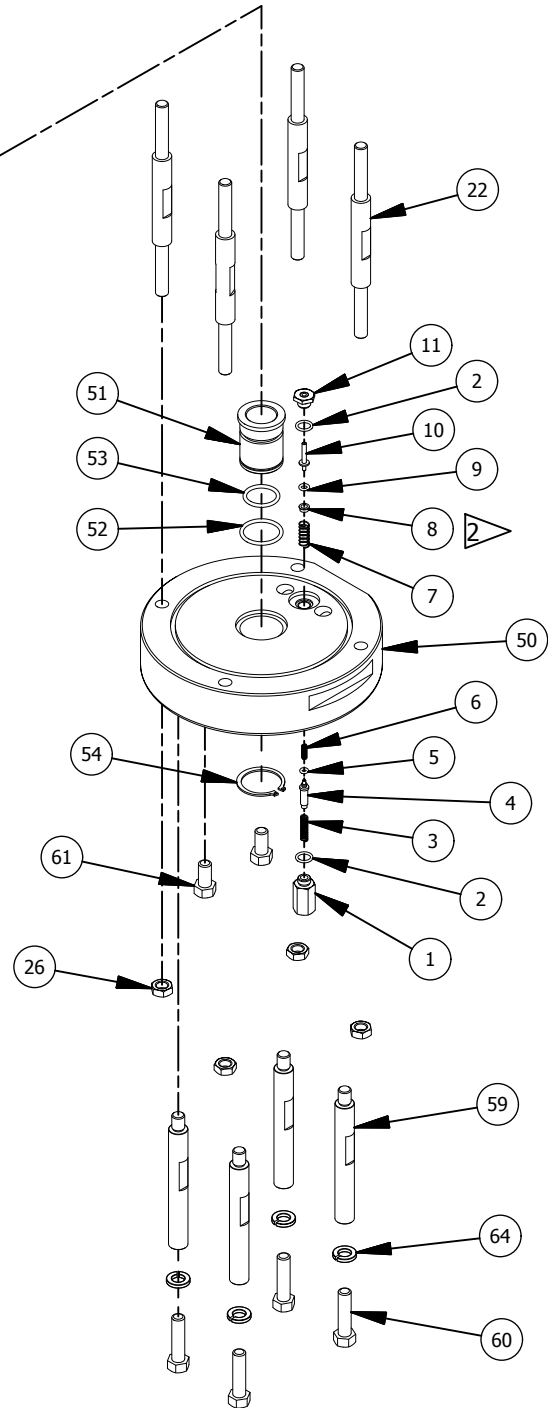


NOTE: A LIGHT COAT OF SUPER O LUBE IS RECOMMENDED ON THE UPPER AND LOWER PILOT VALVES

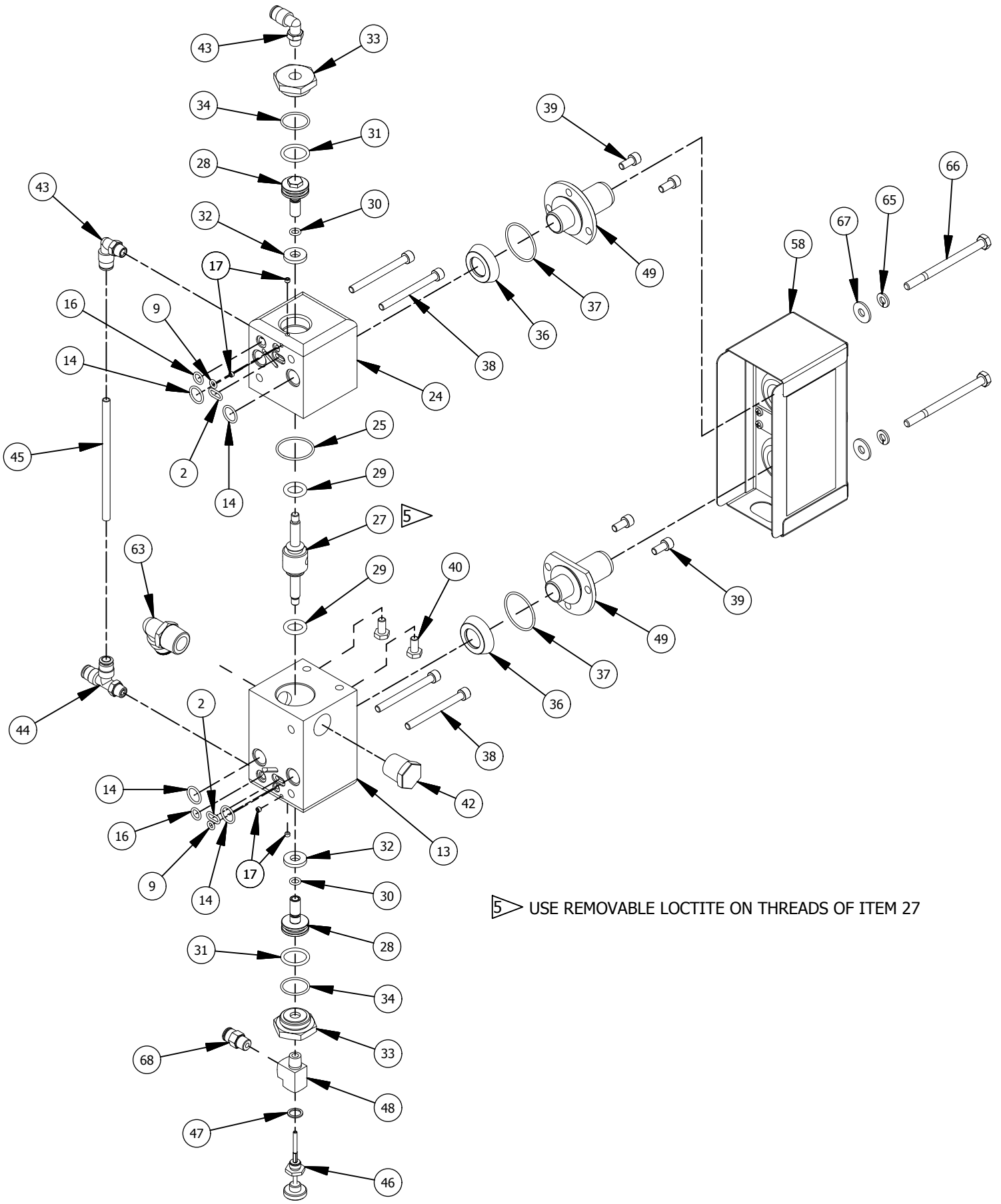


- ▶ USE REMOVABLE LOCTITE ON THREADS OF ITEM 62
- ▶ INSTALL ITEM 19 WITH COUNTERBORE DOWN
- ▶ INSTALL ITEM 8 WITH FLANGE UP
- ▶ INSTALL ITEM 8 WITH FLANGE DOWN

MAGNUM VENUS PLASTECH

5" PATRIOT POWER HEAD

PAT-PH-5000-INV2



5 USE REMOVABLE LOCTITE ON THREADS OF ITEM 27

MAGNUM VENUS PLASTECH

5" PATRIOT POWER HEAD	PAT-PH-5000-INV2
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Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
	1	2	MPH-2541 SPRING HOUSING- PILOT VALVE
*	2	6	O-B-012 O-RING
	3	2	MPH-2533 COMPRESSION SPRING
	4	2	MPH-2540 INLET ROD- PILOT VALVE
*	5	2	O-U-006 O-RING
	6	2	MPH-2526 SPRING
	7	2	MPH-2528 SPRING
	8	2	MPH-2512 SEAL GUIDE- PILOT VALVE
*	9	4	O-B-008 O-RING
	10	2	MPH-2513 VALVE STEM- PILOT VALVE
	11	2	MPH-2511-01 STEM SEAL ASSY- PILOT VALVE
*	12	2	O-B-159 O-RING
*	13	1	PAT-PH-5002 LOWER VALVE BLOCK
*	14	4	O-B-014 O-RING
*	16	2	O-B-011 O-RING
	17	4	F-SS-832-02-SS SS SET SCREW
	18	1	PAT-PH-5003 CYLINDER - Ø5"
	19	1	MPH-5006 PISTON - Ø5"
*	20	1	O-B-425 O-RING
*	21	2	O-B-415 O-RING
	22	4	PAT-PH-5006 TIE ROD - 2" STROKE
	23	1	PAT-PH-5012 UPPER END CAP - 5"
	24	1	PAT-PH-5001 UPPER VALVE BLOCK
*	25	1	O-B-024 O-RING
	26	8	F-HN-06F HEX NUT
	27	1	PAT-PH-5005 POPPET VALVE - 2" STROKE
	28	2	MPH-2517 VALVE PISTON
*	29	2	O-U-206-90 O-RING
*	30	2	O-D-010-90 O-RING
*	31	2	O-B-116 O-RING
	32	2	MPH-3262 PISTON STOP
	33	2	MPH-2521 VALVE END CAP
*	34	2	O-B-019 O-RING
	35	1	7205-2-26 EXTERNAL SNAP RING
*	36	2	MPH-5010 DIAPHRAGM
*	37	2	O-B-026 O-RING
	38	4	F-CS-04C-40-SS SOCKET HEAD CAP SCREW
	39	4	F-CS-04C-08-SS SOCKET HEAD CAP SCREW
	40	2	F-HB-04C-08 HEX BOLT
	42	1	PF-HP-08 HEX PLUG
	43	2	MPH-2539 MALE ELBOW
	44	1	MPH-2538 MALE POLY TEE FITTING
	45	.313 FT	MS-2052-1 TUBING
	46	1	MPH-2546-01 RESET STEM ASSEMBLY
	47	1	MPH-2545 SEAL
	48	1	PF-ST-02-BR TEE FITTING
	49	2	MPH-5009 EXHAUST PORT
	50	1	PAT-PH-5004 LOWER END CAP - 5" POWER HEAD
	51	1	VPH-4254 BUSHING- 7/8 DIA. PISTON ROD
*	52	1	O-B-121 O-RING
*	53	2	O-B-118 O-RING
	54	1	MPH-3261 SNAP RING - EXTERNAL
*	55	1	PAT-PH-5007 UPPER BUSHING
*	56	1	O-B-127 O-RING
	57	1	PAT-PH-5009 LOWER ROD
	58	1	PAT-PH-5010-01 MUFFLER ASSEMBLY
	59	4	PAT-PH-5011 TIE ROD
	60	4	F-HB-06C-24-GR8 HEX BOLT
	61	2	F-HB-06C-12 HEX BOLT
	62	1	PAT-PH-5008 UPPER ROD ASSY
	63	1	06561 1/2 SWIVEL ELBOW
	64	4	F-SW-06 LOCK WASHER
	65	2	F-SW-04-SS LOCK WASHER
	66	2	F-HB-04C-56-SS HEX BOLT
	67	2	F-FW-04 FLAT WASHER
	68	1	07223 MALE CONNECTOR

OPTIONAL PARTS AND ASSEMBLIES
PARTS LIST

PART No.	QTY	DESCRIPTION
MPH-2542	1	RESET BUTTON ASSY
PAT-PH-SB-XL	1	SHIFT BLOCK ASSY

REPAIR KITS

PART No.	DESCRIPTION
PAT-PH-5000-SK	SEAL KIT

* ASTERISKS DENOTE PARTS IN SEAL KIT

MAGNUM VENUS PLASTECH

5" PATRIOT POWER HEAD

PAT-PH-5000-INV2