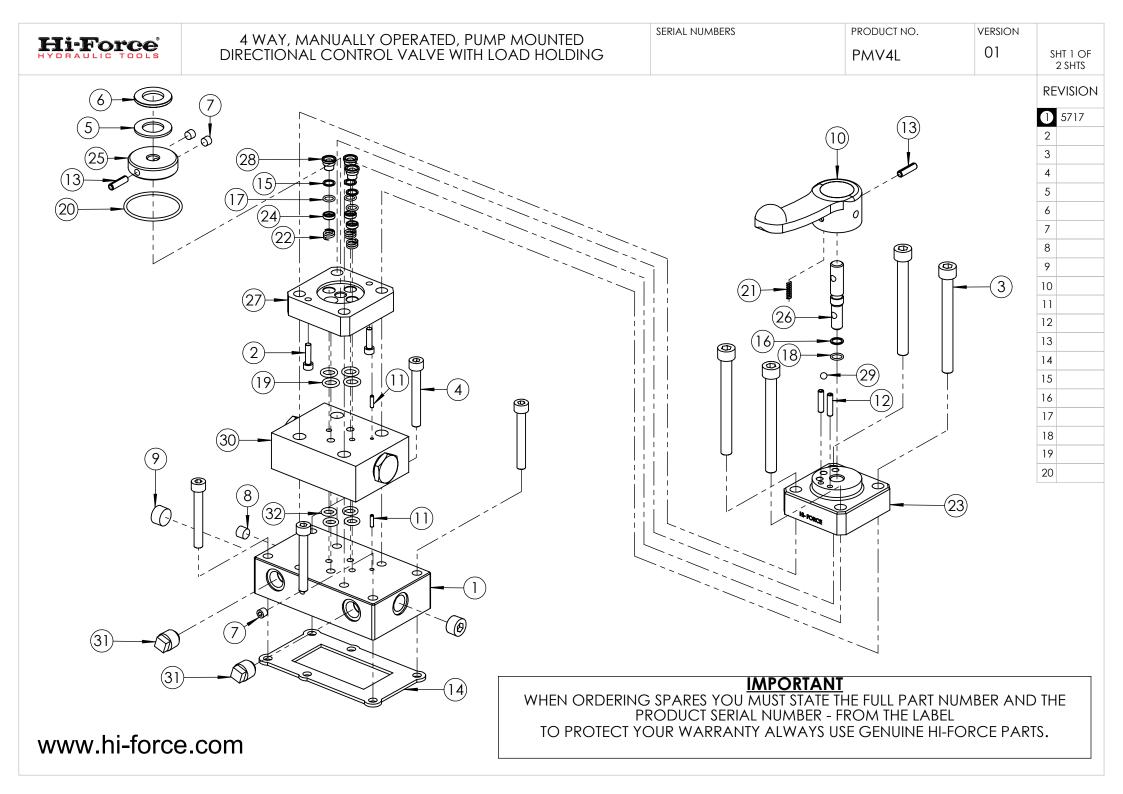


TTTi	-Force	HPP PETROL ENGINE DRIVEN PUMPS						SERIAL NUMBERS	PRODUCT NO.					
HYDRAULIC TOOLS								ALL	HPP21044				SHT 2 OF 2 SHTS	
EM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS		REVISIO	
1	TAC040AS001	40L TANK	1			23	MCC000SB001	QUILL SHAFT ADAPTOR	1				1	
2	15482	TANK GASKET	1	X	1	24	PCC004WC001	SHAFT KEY	1				2 6333	
3	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			25	PCC008KE001	SHAFT KEY	1				3	
4	DCSF00328	DOUBLE SIDED MAGNET	1			26	CSC222AS001	ENGINE FLANGE	1				5	
5	NUC021-B000	1/2" BSP LOCK NUT	2			27	BLC010LB035	M10 x 35 SOCKET CAP HEAD SCREW	4				6 7	
6	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			28	WAC010AB000	M10 ZINC PLATED FLAT WASHER	7				8	
7	TYPE200-24	200 SERIES PUMP UNIT	1			29	WAC010BZ000	M10 SPRING WASHER	7				9 10	
8	FFC028PZ001	FILLER/BREATHER	1			30	BLC010LB050	M10 x 50 SOCKET CAP HEAD SCREW	3				11	
9	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			31	FAS005ME010	SOCKET CUP PT SCREW M5 x 10	1				12	
10	Secoo1ktoo3	GASKET	1	X	1	32	MCC000PT001	THROTTLE	1				13 14	
11	PE1_4.5	PETROL MOTOR	1			33	BLC006JD065	M6 X 65 HEX SOCKET CAP HD SCREW	2				15	
12	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW	10			34	WAC006AF000	M6 ZINC WASHER	4				16 17	
13	FPC013AC002	FEED PIPE	1			35	NUC006JC000	M6 NYLOK NUT	2				18	
14	FFC045MZ001	FILTER	1										19	
15	TAC000PA001	160 mm LONG SUCTION PIPE	1			NOTE:								
16	SFC065FA002	BLANKING PLATE	1					AVAILABLE TO BE ORDERED) AS II		UAL SP	ARE PA	RTS	
17	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X		(UN	ILESS MARKE	D WITH X .)						
18	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2			- ALL PARTS MARKED WITH √ ARE AVAILABLE SERVICEABLE PARTS FOUND IN:								
19	PMV4L	4 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE WITH LOAD HOLDING	1			- SERVICE KIT HEP-SK1 - FOR SUB ASSEMBLIES (ITEM NO.S 7 & 19) PLEASE REFER TO THEIR INDIVIDUAL EVD's.								
20	FPC010PN001	3/8 NPT BLANKING PLUG	1]								
21	15480	ROLL FRAME	1			1,			_					
22	BLC008KD016	M8 x 16 mm HEX SOCKET CAP HEAD SCREW	4			∬		IMPORTAN G SPARES YOU MUST STATE T		ΙΙΙ ΡΔΙ		RFR AN	D THE	



Hi-Force

4 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE WITH LOAD HOLDING

SERIAL NUMBERS

PRODUCT NO.

VERSION	
01	SHT 2 OF

10 11

12 13

14

15 16

17

18

19 20

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	VFC010BF007	VALVE MOUNTING BLOCK	1		
2	BLC005HU020	M5 x 20 mm HEX SOCKET CAP HEAD SCREW	2		
3	BLC010LC100	M10 x 100 mm HEX SOCKET CAP HEAD SCREW	4		
4	BLC008KC060	M8 x 60 mm HEX SOCKET CAP HEAD SCREW	4		
5	BSC035NA001	NEEDLE BEARING	1		
6	BSC035NA002	HOUSING WASHER	1		
7	FPC002PN001	1/16" x 7/8" NPT SOCKET PLUG	3		
8	FPC003PN001	1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG	1		
9	FPC010PN002	3/8" X 7/8" NPT SOCKET PLUG	2		
10	HLC012LP002	HANDLE	1		
11	PCC003RB006	Ø3 x 12 mm SELLOCK PIN	2		
12	PCC005RD002	Ø5 x 22 mm SPIROL PIN	2		
13	PCC006RD001	Ø6 X 22 mm SPIROL PIN	2		
14	SEC003KT001	VALVE GASKET	1		✓
15	SEC011BA001	BACK UP RING	3		✓
16	SEC012BA002	BACK UP RING	1		✓
17	SEC011RA001	O-RING - I.D. 8.10 mm, C.S. 1.6 mm, NITRILE 90	3		~
18	SEC012RA003	O-RING - I.D. 9 mm, C.S. 1.50 mm, NITRILE 70	1		~
19	SEC016RA002	O-RING - I.D. 10.77 mm, C.S. 2.62 mm, NITRILE 70	4		~
20	SEC049RF001	O-RING - I.D. 48.90 mm, C.S. 2.62 mm, NITRILE 90	1		~
21	SPC005KA001	SPRING	1		
22	SPC010CA001	SPRING	3		
23	VFC000BD003	VALVE BODY	1		
24	VFC000SC001	SHEAR SEAL COLLAR	3		
25	VFC000SQ002	VALVE ROTOR	1		

www.hi-force.com

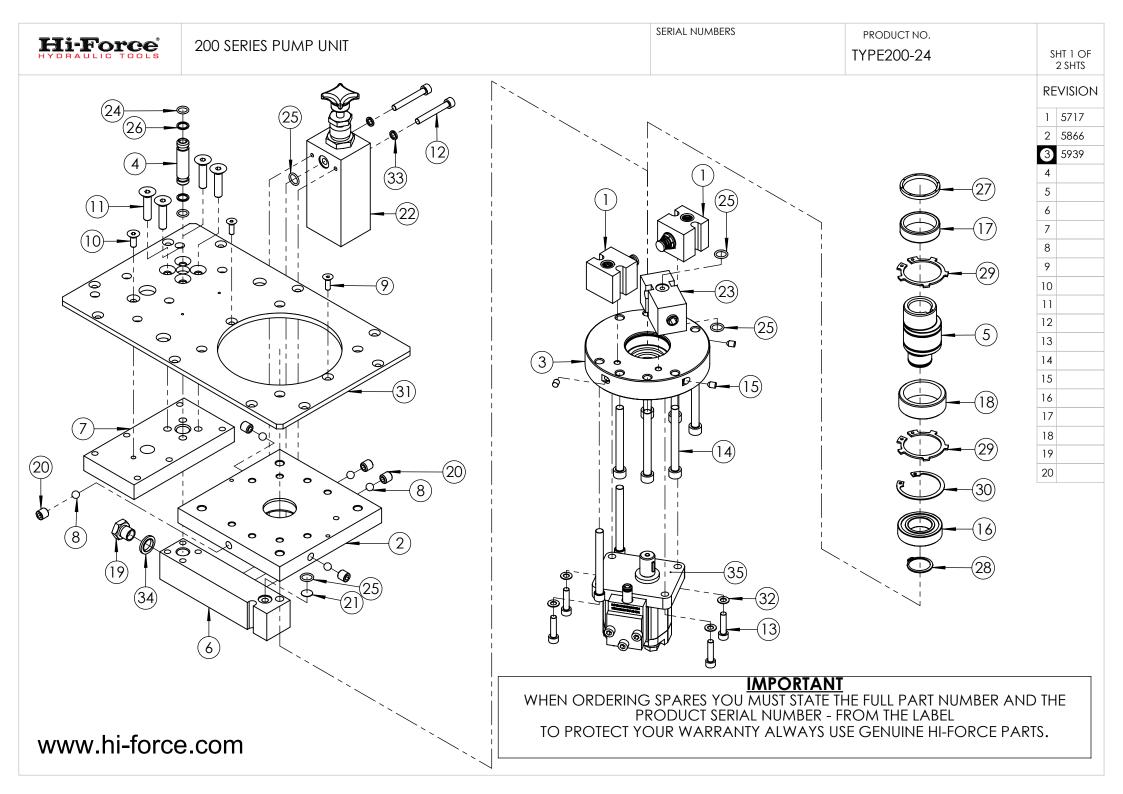
				PMV4L		C)]		ht 2 Of 2 Shts
ITEM NO.	PART N	UMBER	DESCRIPTION			SPARE PARTS	SERVICE PARTS	RE	VISION
26	26 VFC000SR002		SPINDLE					0	5717
27	27 VFC000ST001		SHEAR SEAL PLATE					2	
28	3 VFC000SU001		SHEAR SEAL					3	
29	BAC006SN000		Ø6 mm STEEL BALL		1			4	
30	V-8	245	DUAL CHECK VALVE					5	
31	BPC010	OSP004	3/8 NPT PLASTIC BLAN (RED)	IKING PLUG	2			6 7	
32	SEC014	RA001	O-RING - I.D. 9.19mm, (C.S. 2.62mm,	4		✓	8	
			NITRILE 90				-	9	

NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X).
- ONLY PARTS MARKED WITH **√**ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM DCV-M1 : SERVICE KIT (3 & WAY MANUAL VALVES). (REFER TO DCV-M1 EVD FOR FULL PARTS LIST)
- IF ITEM NO. 30 IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH ITEM NO. 32. THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SEPERATELY.

IMPORTANT

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	15494-A	PISTON BLOCK ASSEMBLY	2		
2	15497	UPPER PLATE	1		
3	15499	LOWER PLATE	1		
4	15503	CONNECTOR PIPE	1		
5	15505	24mm DRIVE SHAFT	1		
6	17587	TRANSFER BLOCK	1		
7	17588	VALVE PLATE	1		
8	BAC008SN000	Ø8 mm STEEL BALL GRADE 100	5		
9	BLC005HF016	M5 x 16 mm HEX SOCKET COUNTERSUNK SCREW	2		
10	BLC006JE016	M6 x 16 mm HEX SOCKET COUNTERSUNK SCREW	1		
11	BLC008KF035	M8 x 35 mm HEX SOCKET COUNTERSUNK SCREW	4		
12	BLC006JC045	M6 x 45 mm HEX SOCKET CAP HEAD SCREW	2		
13	BLC006JD025	M6 x 25 mm HEX SOCKET CAP HEAD SCREW	4		
14	BLC008KC080	M8 x 80 mm HEX SOCKET CAP HEAD SCREW	6		
15	BPC006RS001	SEALING PLUG	3		
16	BSC025MC001	LOWER PLATE BEARING	1		
17	BSC035NC001	UPPER PLATE BEARING	1		
18	BSC040ND001	ECCENTRIC BEARING	1		
19	FAS006GJ010	1/4" BSP HEX HEAD BLANKING PLUG	1		
20	FAS010MA010	M10 X 10 CUP POINT GRUB SCREW	5		
21	FFC012MA001	SUCTION FILTER	1		
22	HPRV1	HIGH PRESSURE R/VALVE	1		
23	LPRV1	LOW PRESSURE R/VALVE	1		
24	SEC013RA001	O-RING - I.D. 9.25mm, C.S. 1.78mm, NITRILE 90	2		~
25	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	4		~

www.hi-force.com

2 SHTS ITEM SPARE SERVICE REVISION PART NUMBER QTY DESCRIPTION PARTS PARTS NO. BACK-UP RING - PTFE, SOLID 1 5717 SEC013BA001 2 26 1 SPLIT 2 5866 27 SEC035WE001 UPPER PLATE OIL SEAL 1 3 5939 EXTERNAL CIRCLIP - 25 x 1.2 4 28 STC025AA001 mm D1400/025 5 EXTERNAL CIRCLIP - 40 x 1.75 2 29 STC040AA001 6 mm D2100/0400 7 INTERNAL CIRCLIP - 47 x 1.75 30 STC047BA001 1 mm D1300/0470 8 31 COVER PLATE 9 TAC000BA003 1 32 WAC006AF000 M6 ZINC WASHER 4 10 M6 SPRING ZINC WASHER 11 2 33 WAC006BC001 (SQUARE SECTION) 12 1/4" BSP SELF CENTERING 13 34 WAC007HD000 1 BONDED WASHER 14 35 PMA048GZ001 GP48 GEAR PUMP ASSEMBLY 1 15

PRODUCT NO.

TYPE200-24

NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH **X**).

SERIAL NUMBERS

- ONLY PARTS MARKED WITH **√**ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM **HEP-SK1 PUMP SERVICE KIT.** (REFER TO HEP-SK1: PUMP SERVICE KIT EVD FOR FULL PARTS LIST)

- IF ITEM NO. 23 (LPRV1) IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH 2 OFF ITEM NO. 25 (SEC014RF001). THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SPERATELY.

- FOR SUB ASSEMBLIES - ITEM NO. 1 (15494-A) & ITEM NO. 35 (PMA048GZ001) REFER TO THEIR INDUVIDUAL EVD's.

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

SHT 2 OF

16

17

18 19

20