Hi-Force HYDRAULIC TOOLS

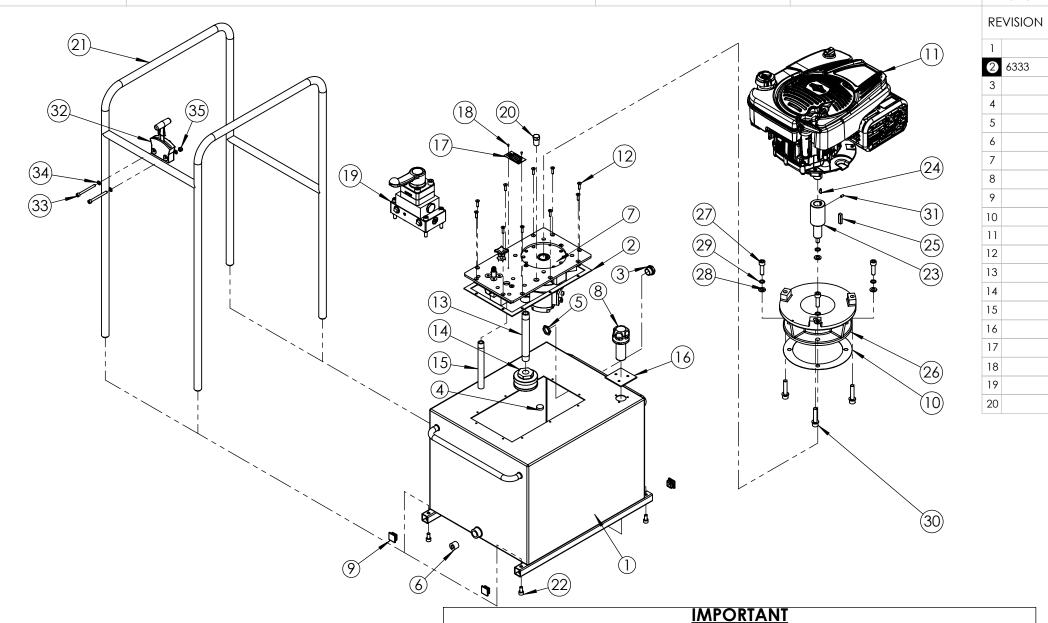
HPP PETROL ENGINE DRIVEN PUMPS

SERIAL NUMBERS

ALL

PRODUCT NO. HPP21046

SHT 1 OF 2 SHTS



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.

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HYDE	i-Force	HPP PETROL ENGINE DI	RIVEN	PUMP	S
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	TAC060AA001	60 LITRE TANK	1		
2	15482	TANK GASKET	1	X	1
3	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2		
4	DCSF00328	DOUBLE SIDED MAGNET	1		
5	NUC021-B000	1/2" BSP LOCK NUT	2		
6	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1		
7	TYPE200-24	200 SERIES PUMP UNIT	1		
8	FFC028PZ001	FILLER/BREATHER	1		
9	BPC025KP001	1" SQ RIBBED INSERT BLACK	4		
10	SEC001KT003	GASKET	1	X	1
11	PE1_4.5	PETROL MOTOR	1		
12	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW	10		
13	FPC013AC002	FEED PIPE	1		
14	FFC045MZ001	FILTER	1		
15	TAC000PA001	160 mm LONG SUCTION PIPE	1		
16	SFC065FA002	BLANKING PLATE	1		
17	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X	
18	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2		
19	PMV4L	4 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE WITH LOAD HOLDING	1		
20	FPC010PN001	3/8 NPT BLANKING PLUG	1		

ROLL FRAME

M8 x 16 mm HEX SOCKET CAP HEAD

SCREW

	SERIAL NUMBERS	PRO	ODUCT N	Э.			
	ALL	HPF	21046		-	ht 2 of 2 shts	:
PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	RE	VISIO	Ν
MCC000SB001	QUILL SHAFT ADAPTOR	1			1		
PCC004WC001	SHAFT KEY	1			2	6333	
PCC008KE001	SHAFT KEY	1			3		
CSC222AS001	ENGINE FLANGE	1			5		
BLC010LB035	M10 x 35 SOCKET CAP HEAD SCREW	4			6 7		
WAC010AB000	M10 ZINC PLATED FLAT WASHER	7			8		
WAC010BZ000	M10 SPRING WASHER	7			9		
BLC010LB050	M10 x 50 SOCKET CAP HEAD SCREW	3			10		
FAS005ME010	SOCKET CUP PT SCREW M5 x 10	1			12		
MCC000PT001	THROTTLE	1			13		
BI C006 ID065	M6 X 65 HEX SOCKET CAP HD	2			14		

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NOTE:

ITEM NO.

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BLC006JD065

WAC006AF000

NUC006JC000

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS INDIVIDUAL SPARE PARTS (UNLESS MARKED WITH X.)
- ALL PARTS MARKED WITH ✓ARE AVAILABLE SERVICEABLE PARTS FOUND IN: SERVICE KIT HEP-SK1
- FOR SUB ASSEMBLIES (ITEM NO.S 7 & 19) PLEASE REFER TO THEIR INDIVIDUAL EVD's.

SCREW

M6 ZINC WASHER

M6 NYLOK NUT

IMPORTANT

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TAC060CS003

BLC008KD016

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Hi-Force HYDRAULIC TOOLS

(28)

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

(14)

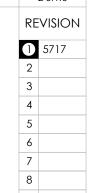
SERIAL NUMBERS

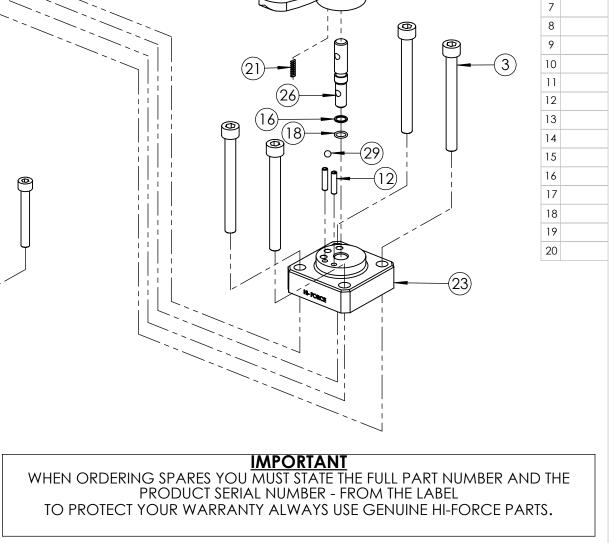
PRODUCT NO.

PMV4L

version 01

SHT 1 OF 2 SHTS





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(31



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

SERIAL NUMBERS	PRODUCT NO.	VERSION	
	PMV4L	01	SHT 2 OF 2 SHTS

10

12 13

14

15 16

17

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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		1
15	SEC011BA001	BACK UP RING	3		1
16	SEC012BA002	BACK UP RING	1		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		1
20	SEC049RF001	O-RING - I.D. 48.90 mm, C.S. 2.62 mm, NITRILE 90	1		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		

PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
VFC000SR002	SPINDLE	1			1) 5717
VFC000ST001	SHEAR SEAL PLATE	1			2
VFC000SU001	SHEAR SEAL	3			3
BAC006SN000	Ø6 mm STEEL BALL	1			4
V-8245	DUAL CHECK VALVE	1			5
BPC010SP004	3/8 NPT PLASTIC BLANKING PLUG (RED)	2			7
SEC014RA001	O-RING - I.D. 9.19mm, C.S. 2.62mm, NITRILE 90	4		1	8
	VFC000\$R002 VFC000\$T001 VFC000\$U001 BAC006\$N000 V-8245 BPC010\$P004	VFC000SR002 SPINDLE VFC000ST001 SHEAR SEAL PLATE VFC000SU001 SHEAR SEAL BAC006SN000 Ø6 mm STEEL BALL V-8245 DUAL CHECK VALVE BPC010SP004 3/8 NPT PLASTIC BLANKING PLUG (RED) SEC014BA001 O-RING - I.D. 9.19mm, C.S. 2.62mm,	VFC000SR002 SPINDLE 1 VFC000ST001 SHEAR SEAL PLATE 1 VFC000SU001 SHEAR SEAL 3 BAC006SN000 Ø6 mm STEEL BALL 1 V-8245 DUAL CHECK VALVE 1 BPC010SP004 3/8 NPT PLASTIC BLANKING PLUG (RED) 2 SEC014BA001 O-RING - I.D. 9.19mm, C.S. 2.62mm, A 4	VFC000SR002 SPINDLE 1 VFC000ST001 SHEAR SEAL PLATE 1 VFC000SU001 SHEAR SEAL 3 BAC006SN000 Ø6 mm STEEL BALL 1 V-8245 DUAL CHECK VALVE 1 BPC010SP004 3/8 NPT PLASTIC BLANKING PLUG (RED) 2 SEC014BA001 O-RING - I.D. 9.19mm, C.S. 2.62mm, A 4	VFC000SR002 SPINDLE 1 VFC000ST001 SHEAR SEAL PLATE 1 VFC000SU001 SHEAR SEAL 3 BAC006SN000 Ø6 mm STEEL BALL 1 V-8245 DUAL CHECK VALVE 1 BPC010SP004 3/8 NPT PLASTIC BLANKING PLUG (RED) 2 SEC014RA001 O-RING - I.D. 9.19mm, C.S. 2.62mm, A 4

NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH $\pmb{\varkappa}$).
- 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.

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200 SERIES PUMP UNIT

SERIAL NUMBERS

PRODUCT NO. TYPE200-24

SHT 1 OF 2 SHTS

REVISION

1 5717 2 5866

3 5939

5

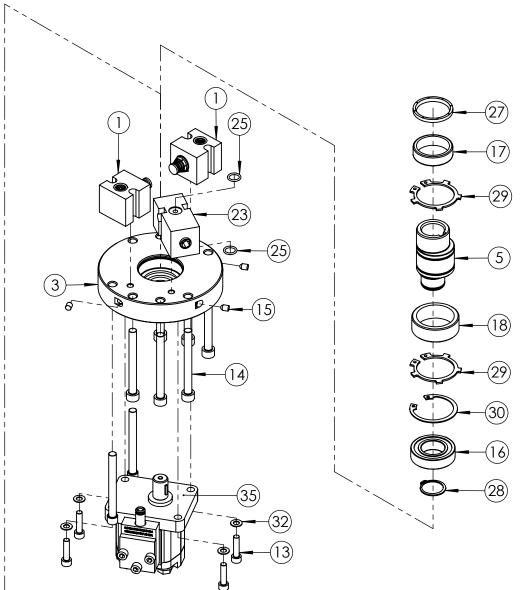
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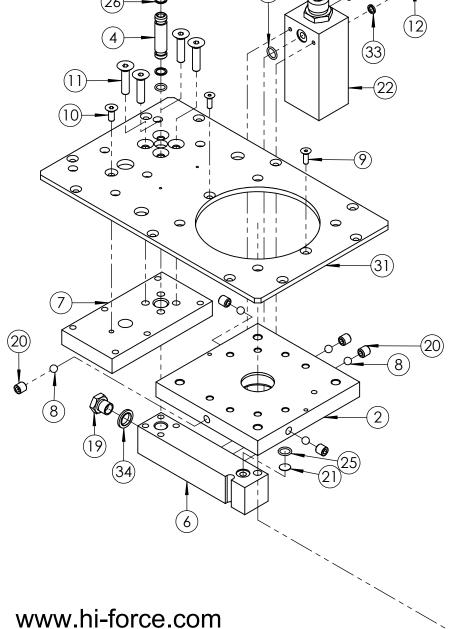
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IMPORTANT

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.





200 SERIES PUMP UNIT

SERIAL NUMBERS PRODUCT NO. TYPE200-24

SHT 2 OF 2 SHTS

16

17

18 19

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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		1
25	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	4		✓

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

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 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.

IMPORTANT

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