



PRODUCT NO.

HPF2542H

SHT 2 OF 2 SHTS

REVISION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PART AVAILABILITY
1	HSS2510	SPRING RETURN CYLINDER HSS2510	1	
2	СМ1	MALE COUPLER	1	
3	HG25	PRESSURE GAUGE	1	
4	HGA1	GAUGE BLOCK	1	
5	HPF207312H	220V 60hz, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP	1	
6	HH2	HYDRAULIC HOSE 2M.	1	
7	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	4	
8	AAN025FP001	NAMEPLATE	1	Х
9	PAA025CH001	25T PRESS FRAME	1	Х
10	WAC008AB000	M8 PLAIN WASHER	8	
11	WAC008BB000	M8 ZINC PLATED SPRING WASHER	8	
12	BLC008KD020	M8 x 20 mm HEX SOCKET CAP HEAD SCREW	8	
13	NUC006JC000	M6 NYLOK NUT	2	
14	WAC006AF000	M6 ZINC WASHER	2	
15	SFC020HC001	HPF SHELF SUPPORT	2	
16	BLC006JX025	M8x30 CK SCREW	2	
17	SFC388HB001	HPF PUMP SHELF	1	

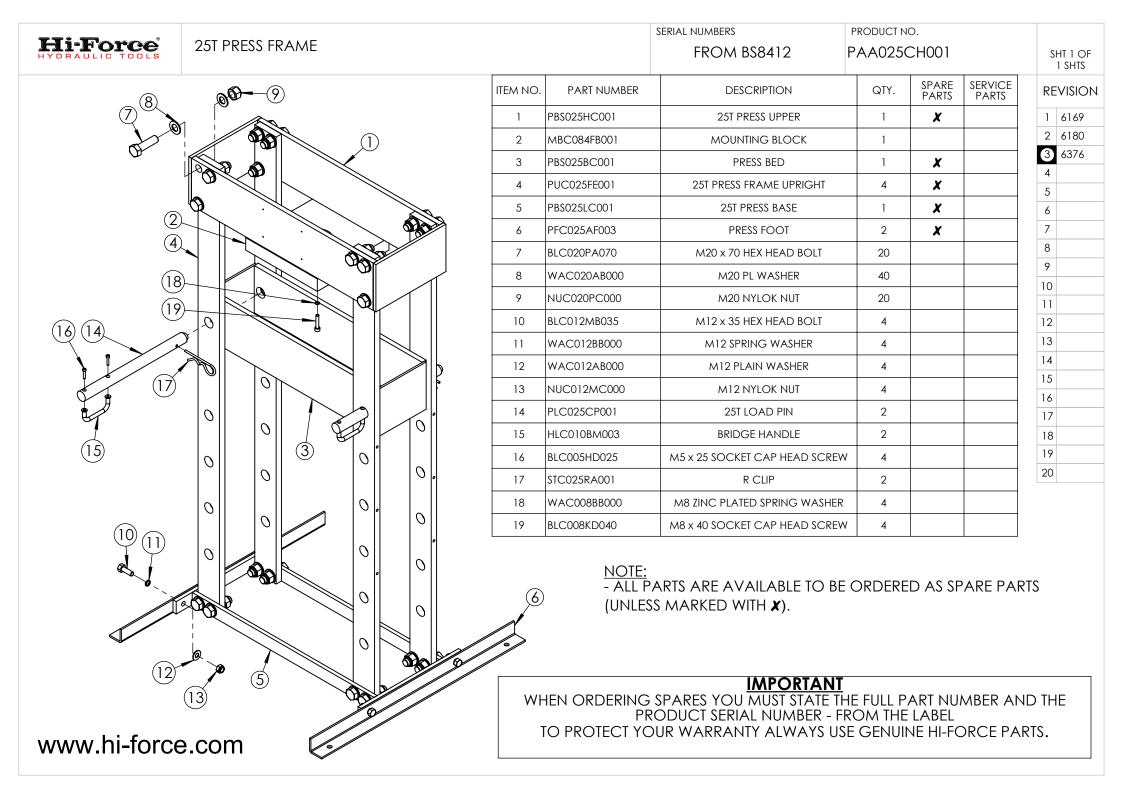
<u>NOTES:</u>

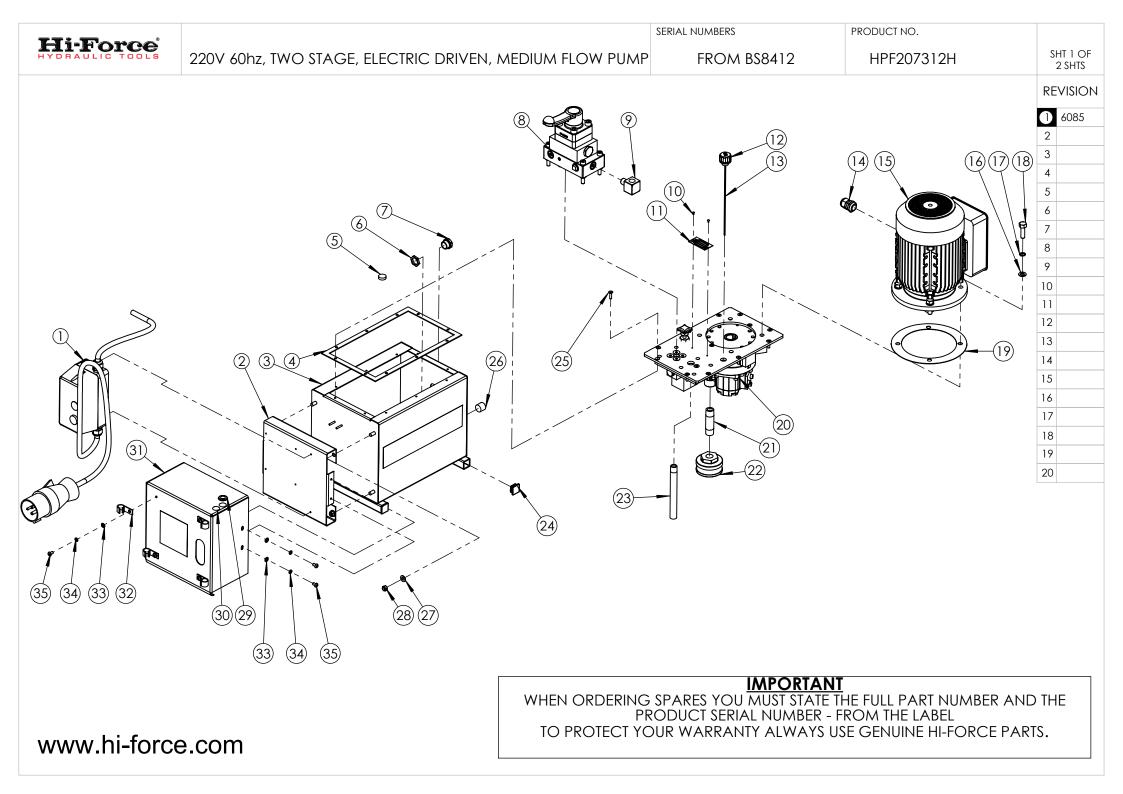
-ALL PARTS AVAILABLE TO ORDER AS AN INDIVIDUAL SPARE PART UNLESS MARKED "X"

-FOR SUB ASSEMBLIES (ITEM NO.s 1, 5 & 9) PLEASE REFER TO THEIR INDIVIDUAL EVD's

IMPORTANT

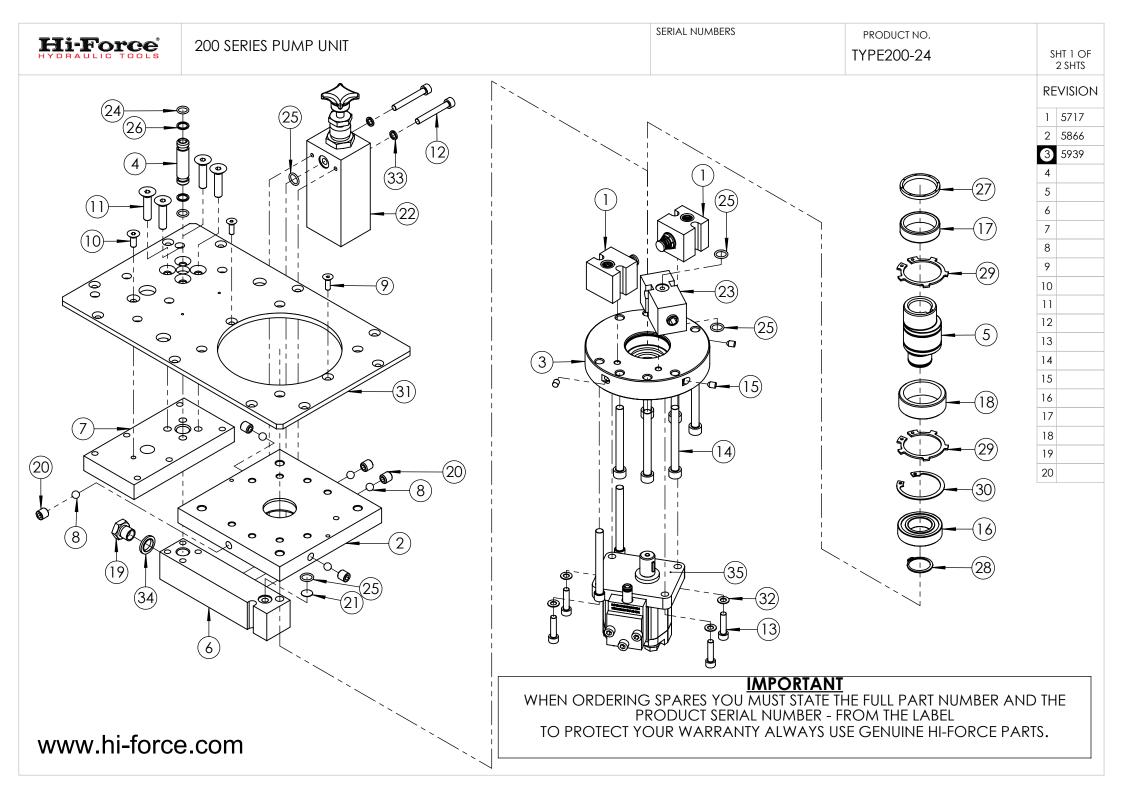
WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.





								SERIAL NUMBERS	PRODUCT N			SHT 2 OF
	1	220V 60hz, TWO STAGE, ELE					M FLOW PUM	P FROM BS8412	HPF2073			2 SHTS
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISIO
1	EMA230UE002	MOTOR STARTER ASSEMBLY	1			24	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			1 6085
2	TAC000FS003	MOUNTING PLATE	1			25	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SO	CREW 10			2
3	TAC010AS012	10L Tank	1			26	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			3
4	15482	tank gasket	1		✓	27	WAC008AB000	M8 PLAIN WASHER	4			5
5	DCSF00328	DOUBLE SIDED MAGNET	1			28	NUC008KC000) M8 NYLOC NUT				6
6	NUC021-B000	1/2" BSP LOCK NUT	2			29	SEC013EH001	12.7mm ID BLACK PVC OPEN GROMM	ET 1			7
7	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			30	SEC013EH002	12.7mm OD BLACK PVC BLIND GROMM	1ET 2			8
8	PMV3L	3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD HOLDING)	1			31	TAC000FS004	HOUSING	1			10
9	HF16	ELBOW, 3/8" NPT FEMALE TO 3/8" NPT MALE	1			32	ANC015PC001	CABLE CLIP BLACK SCREW POLYACETAL CAB 15mm	BLE CLIP, 4			11
10	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2			33	WAC006AF000	M6 ZINC WASHER	8			12 13
11	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X		34	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTI	ON) 8			14
12	BPC010SP002	FILLER	1			35	BLC006JH010	M6 X 10 mm, HEX SOCKET, BUTTON HEAD S	CREW 8			15
13	BPC010DS001	ZINC PLATED DIPSTICK 239mm LONG	1									16 17
14	NUC020LS002	GLAND 6-12MM	1									18
15	EM220-1.8-4HLAF	ELECTRIC MOTOR 1.8KW 220VAC	1				NOTE:					19
16	WAC010AB000	M10 ZINC PLATED FLAT WASHER	4			1	-ALL PAR	RTS ARE AVAILABLE TO BE ORDERED AS SF	PARE PARTS (UI	VLESS		20
17	WAC010BZ000	M10 SPRING WASHER	4			1	MARKED	WITH X)				
18	BLC010LB035	M10 x 35 mm HEX HEAD BOLT, ZINC PLATED	4					ARTS MARKED WITH J ARE AVAILABLE AS				
19	SEC001KT003	GASKET	1		✓			ICEABLE PARTS, FROM HEP-SK1 PUMP SEF : PUMP SERVICE KIT EVD FOR FULL PARTS	· ·	ERIO		
20	TYPE200-24	200 SERIES PUMP UNIT	1			1	-FOR SUB	3 ASSEMBLIES (ITEM NO.S 1, 8 & 20) PLEAS	E REFER TO THI	EIR		
21	FPC013AC010	1/2" BSPT SUCTION PIPE	1			INDIVIDUAL EVD's.						
22	FFC045MZ001	FILTER	1			1	-ITEM NC	D.S 12 & 13 MUST BE ORDERED TOGETHER				
	TAC000PA001	160 mm LONG SUCTION PIPE	1			1						

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		~

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									2 SHTS
ITEM NO.	PART	NUMBER	DESCRIPTION	DESCRIPTION		SPARE PARTS	SERVICE PARTS	RE	VISION
26	SEC01	3BA001	BACK-UP RING - PTFE SPLIT	, solid	2		✓	1	5717 5866
27	SEC03	5WE001	UPPER PLATE OIL	SEAL	1			3	
28	STC02	5AA001	EXTERNAL CIRCLIP - 2 mm D1400/02		1			4	
29	STC04	0AA001	EXTERNAL CIRCLIP - 4 mm D2100/040		2			5 6	
30	STC04	7BA001	INTERNAL CIRCLIP - 4 mm D1300/047		1			7 8	
31	TAC00)0BA003	COVER PLATE		1			9	
32	WAC0	06AF000	M6 ZINC WASH	ER	4			10	
33	WACO	06BC001	M6 SPRING ZINC W. (SQUARE SECTIO		2			11 12	
34	WAC00	07HD000	1/4" BSP SELF CENTI BONDED WASH		1			13	
35	PMA04	48GZ001	GP48 GEAR PUMP AS	SEMBLY	1			14 15	
								10	

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

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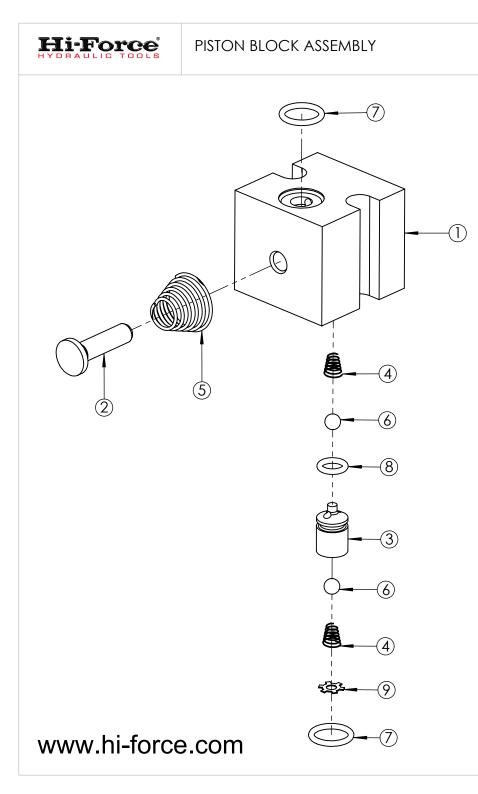
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PRODUCT NO.

TYPF200-24



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		SERIAL NUMBERS		PRODUCT NO.			VERSION			
				15494-A			()1		ht 1 Of 1 Shts
ITE NC	M D.	PART NUMBER	DESCRIF	PTION	QTY.	SPAI PAR		SERVICE PARTS	RE	VISION
1		15494	PISTON B	BLOCK	1	X			1	5717
2	2	15495	PISTO	PISTON					2	5866
3	3	15496	VALVE	SEAT	1	X			3	
4	1	15509	SUCTION/DELIV	/ery spring	2	X			4	
5	5	15508	PUMP SF	PRING	1	X			5	
6	, >	BAC005SN000	Ø5 mm STEEL E 100		2	x			6	
7	7	SEC014RF001	O-RING - I.D. C.S. 1.78 mm		2			✓	8	
8	3	SEC010RA001	O-RING - I.D. 6 1.78 mm, N		1	X			9 10	
9)	STC008SA001	N1305-0031 SE RIN(1	X			11	
L									12	

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<u>NOTE:</u>

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH \mathbf{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).

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.

SERIAL NUMBERS

PRODUCT NO.

PMA048GZ001

SHT 1 OF 3 SHTS

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	1)
	<u>NOTE:</u>
	- ALL PA
	- ONLY F SK1 PU
	- POSITI SUPPLI
	- ITEM N HPP PI

ITEM NO.PART NUMBERDESCRIPTIONQTY.SPARE PARTSSERVICE PARTSREVISION1GP48GEAR PUMP11159392PMC000TM001TRANSFER PLATE1125983315510ACONNECTOR TUBE11314SEC010RA001O-RING - 1.D. 6.35 mm, C.S. 1.78 mm, NITRILE 702✓555SEC019RF002O-RING - 1.D. 15.60, C.S. 1.78 mm, NITRILE 902✓61116PMC000XM001SEALING PLATE11411116PMC000XM001SEALING PLATE116111117BLC006JD030M6 x 30 mm HEX SOCKET CAP HEAD SCREW311111119PCC002WC001KEY TO FIT 200/300 PUMPS112111111110FAS008SP080M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED)2M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED)1X13111FPA013DC001GEAR PUMP ELBOW (INC WITH GEAR PUMP)1X141515				1 / • 0	10-10	02001			3 SHTS
1 GP48 GEAR PUMP 1 <t< td=""><td></td><td>PART NUMBER</td><td>DESCRIPTIC</td><td>N</td><td>QTY.</td><td></td><td></td><td>RE</td><td>VISION</td></t<>		PART NUMBER	DESCRIPTIC	N	QTY.			RE	VISION
2 IMCOUNTMONT INANSFERTENTE 1 3 3 15510A CONNECTOR TUBE 1 3 4 SEC010RA001 O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70 2 6 5 SEC019RF002 O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90 2 7 6 PMC000XM001 SEALING PLATE 1 8 7 BLC006JD030 M6 x 30 mm HEX SOCKET CAP HEAD SCREW 3 9 8 15507 ADAPTOR 1 10 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 10 FAS008SP080 CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	1	GP48	GEAR PUM	P	1			1	5939
3 10010/1 CONNECTOR TUBE 1 4 4 SEC010RA001 O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70 2 ✓ 5 5 SEC019RF002 O-RING - I.D. 15.60, C.S. 1.78 mm, NITRILE 90 2 ✓ 6 5 SEC019RF002 O-RING - I.D. 15.60, C.S. 1.78 mm, NITRILE 90 2 ✓ 7 6 PMC000XM001 SEALING PLATE 1 8 7 6 PMC000XM001 SEALING PLATE 1 8 9 7 BLC006JD030 M6 x 30 mm HEX SOCKET CAP HEAD SCREW 3 9 9 8 15507 ADAPTOR 1 10 11 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 12 10 FAS008SP080 CAP HEAD SCREW (FULLY THREADED) 2 13 14 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	2	PMC000TM001	TRANSFER PL	ATE	1			2	5983
15510BCONNECTOR TUBE144SEC010RA001O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70255SEC019RF002O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90266PMC000XM001SEALING PLATE187BLC006JD030M6 x 30 mm HEX SOCKET CAP HEAD SCREW39815507ADAPTOR1109PCC002WC001KEY TO FIT 200/300 PUMPS11110FAS008SP080M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED)21311FPA013DC001GEAR PUMP ELBOW (INC WITH GEAR PUMP)1X15	0	15510A	CONNECTOR	TUBE	1			3	
4 SECUTORAUDI mm, NITRILE 70 2 6 6 5 SEC019RF002 O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90 2 7 6 6 PMC000XM001 SEALING PLATE 1 8 7 6 PMC000XM001 SEALING PLATE 1 8 9 7 BLC006JD030 M6 x 30 mm HEX SOCKET CAP HEAD SCREW 3 9 10 8 15507 ADAPTOR 1 10 10 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 10 FAS008SP080 M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	3	15510B	CONNECTOR	TUBE	1			4	
5 SEC019RF002 O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90 2 7 6 PMC000XM001 SEALING PLATE 1 8 7 BLC006JD030 M6 x 30 mm HEX SOCKET CAP HEAD SCREW 3 9 8 15507 ADAPTOR 1 10 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 10 FAS008SP080 M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	4	SEC010RA001			2		~	-	
7 BLC006JD030 M6 x 30 mm HEX SOCKET CAP HEAD SCREW 3 9 8 15507 ADAPTOR 1 10 9 PCC002wC001 KEY TO FIT 200/300 PUMPS 1 11 10 FAS008SP080 CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	5	SEC019RF002					~	Ŭ	
7 BLC006JD030 MB W B HEAD SCREW 3 9 8 15507 ADAPTOR 1 10 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 10 FAS008SP080 CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	6	PMC000XM001	SEALING PLA	ATE .	1			8	
8 15507 ADAPIOR 1 1 1 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 12 10 FAS008SP080 CAP HEAD SCREW (FULLY THREADED) 2 13 14 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	7	BLC006JD030			З			9	
9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 1 11 10 FAS008SP080 M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED) 2 13 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	8	15507	ADAPTOR	R	1			10	
10 FAS008SP080 M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	9	PCC002WC001	KEY TO FIT 200/300	0 PUMPS	1				
10 FAS008SP080 CAP HEAD SCREW (FULLY THREADED) 2 13 11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15			M8 X 80 HEX SOCKE					12	
11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X	10 FAS008SP080 CAP HEAD SCREW		V (FULLY	2					
GEAR PUMP)	11		GEAR PUMP ELBOW	(INC WITH	1	Y			
16	11		GEAR PUM	P)		*		15	
								16	

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)

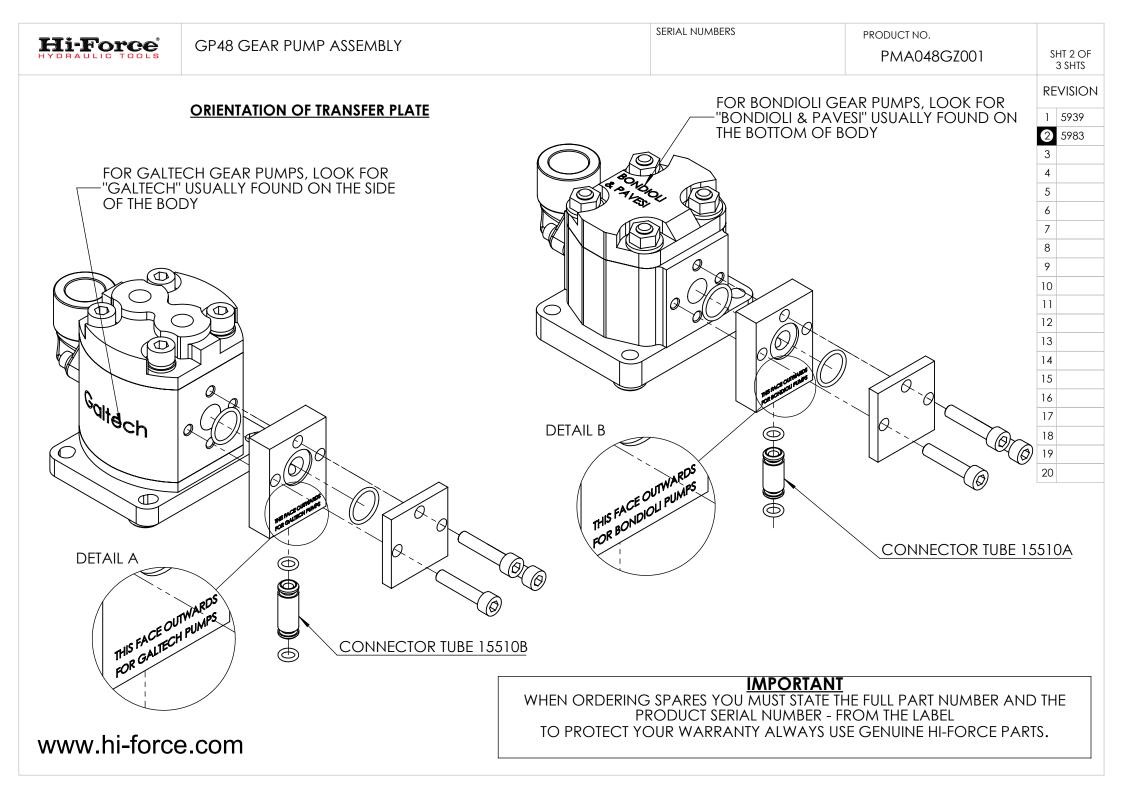
POSITION OF ITEM NO. 2 (PMC000TM001) IS TO BE DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED (REFER TO SHEET 2 FOR FURTHER DETAILS)

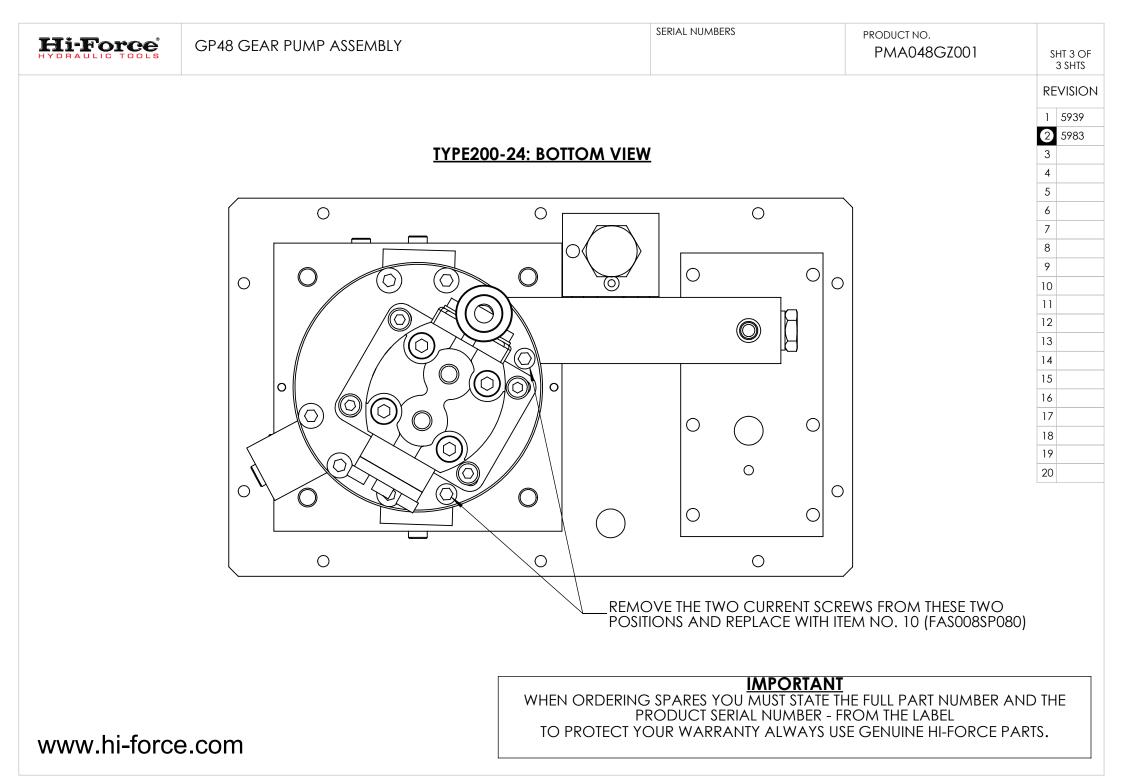
ITEM NO. 3 USED IS DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS EARLIER THAN **BR9070**. FOR BONDIOLI GEAR PUMPS USE CONNECTOR TUBE 15510A AND FOR GALTECH GEAR PUMPS USE CONNECTOR TUBE 15510B (REFER TO SHEET 2 FOR FURTHER DETAILS)

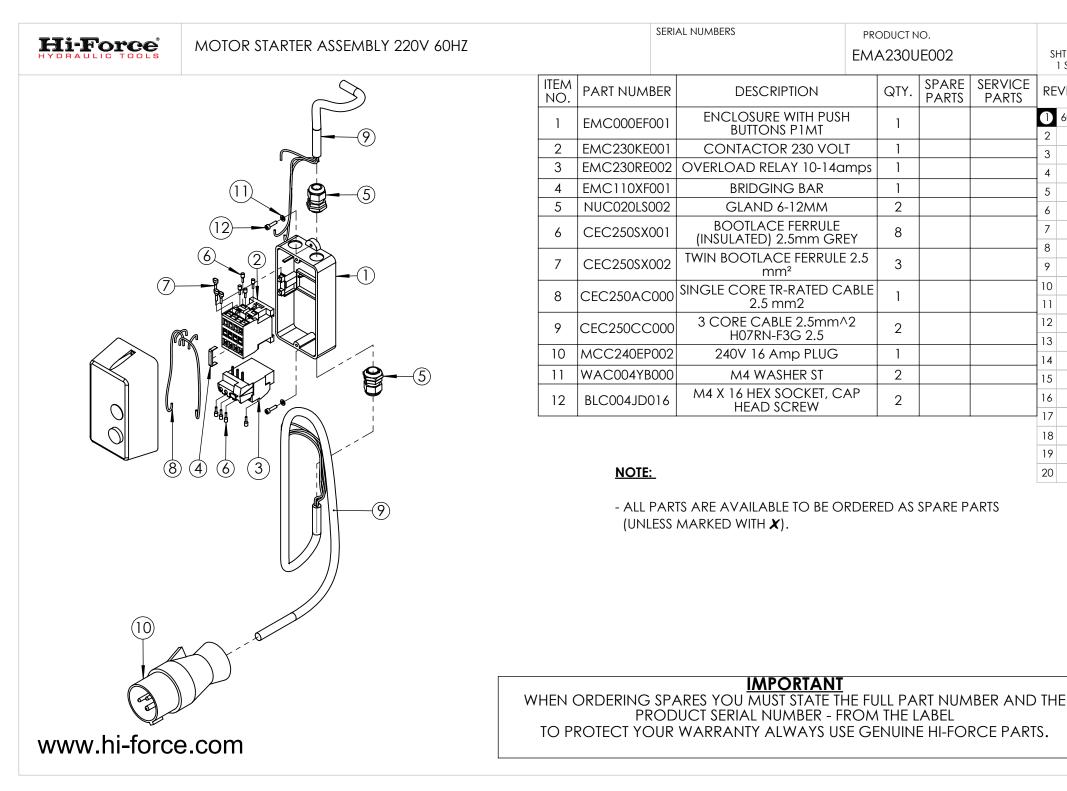
- ITEM NO.10 (FAS008SP080) ARE TO REPLACE TWO SCREWS (BLC008KC080) ON THE TYPE200-24, PRIOR TO FITTING PMA048GZ001 (REFER TO SHEET 3 FOR FURTHER DETAILS)

- INDIVIDUAL ITEMS ARE NOT AVAILABLE AS SPARE PARTS FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS EARLIER THAN **BR9070**. GP48 GEAR PUMP ASSEMBLY (PMA048GZ001)WILL NEED TO BE ORDERED. INDIVIDUAL ITEMS APART FROM ITEM NO.11 ARE AVAILABLE AS SPARE PARTS FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS ABOVE **BR9070**

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.



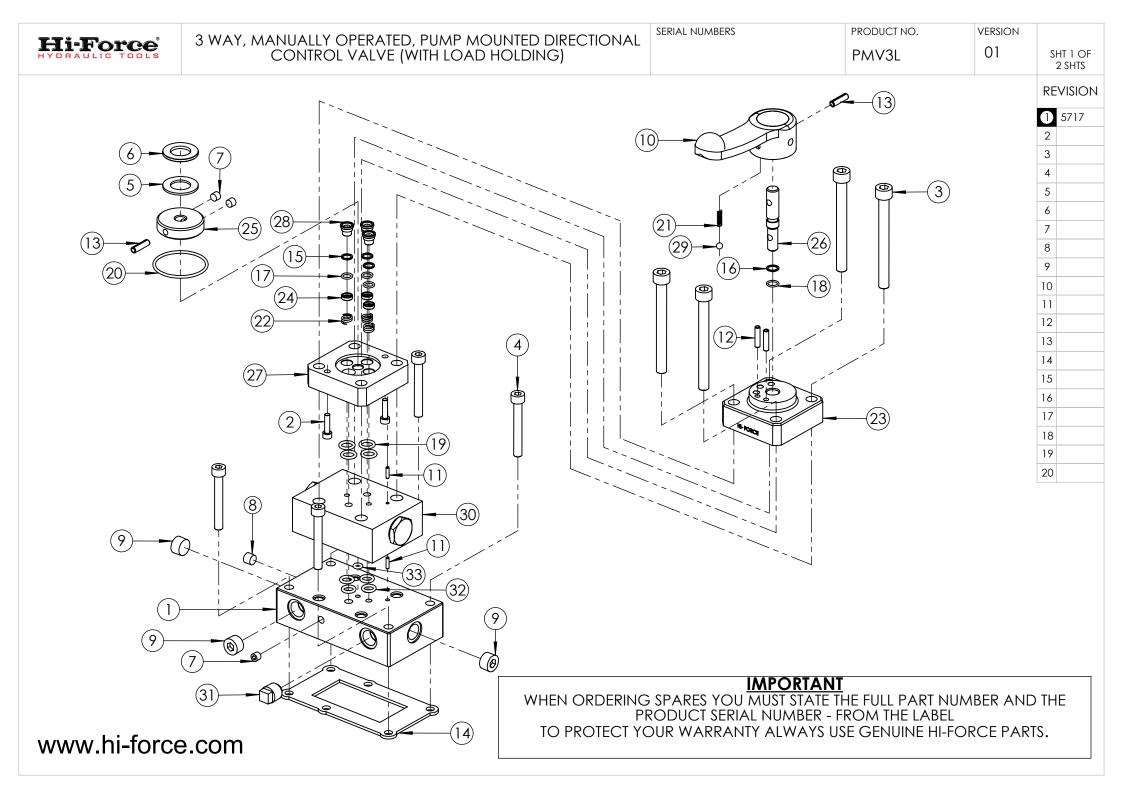




SHT 1 OF 1 SHTS

REVISION

1 6085



Hi-Force

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3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD HOLDING)

SERIAL NUMBERS

version

SHT 2 OF

12

13 14

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16 17

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	VFC010BF012	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	3		
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		7

			TTOL				2	2 SHTS
ITEM NO.	PART NUMBER	DESCRIPTION	DESCRIPTION		SPARE PARTS	SERVICE PARTS	RE	VISION
26	VFC000SR002	SPINDLE	SPINDLE				0	5717
27	VFC000ST001	SHEAR SEAL PLATE		1			2	
28	VFC000SU001	SHEAR SEAL		3			3	
29	BAC006SN000	Ø6 mm STEEL BALL	-	1			4	
30	VA305	SINGLE PO CHECK VA	LVE	1			5	
31	BPC010SP004	3/8 NPT PLASTIC BLANKIN (RED)	g plug	1			6 7	
32	SEC014RA001	O-RING - I.D. 9.19mm, C.S. NITRILE 90	2.62mm,	4		~	8 9	
33	SEC010RF002	O-RING - I.D. 4.42 mm, C mm, NITRILE 70	.S. 2.62	1		~	10	
							11	

PRODUCT NO.

PMV3I

NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH \bigstar).
- ONLY PARTS MARKED WITH JARE 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 & 33. 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.

Hi-Force	PUMP SERVI	CE KIT		SERIAL NUMBE	ERS		PRODUCT NO. HEP-SK1		SHT 1 OF 1 SHTS
	1			ľ	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	
					1	15482	TANK GASKET	1	1 5717
					2	SEC010RA001	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70	2	 2 5939 3
			(1)		3	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	10	
					4	SEC013RA001	O-RING - I.D. 9.25mm, C.S. 1.78mm, NITRILE 90		6
			e		5	SEC019RF002	O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90	2	7 8
						SEC013BA001	BACK-UP RING - PTFE, SOLID SPLIT	2	9
		0			7	SEC001KT003		1	10
								1	12
		le s							13
		000							14
$\overline{\mathcal{O}}$			l						15 16
		0 0 0							17
			le					1	18
	0	q 2		\downarrow					19 20
		6						L	20
www.hi-force	e.com		PR	ODUCT SE	YOU Seria	al number - F	I The full part number <i>A</i> FROM THE LABEL ISE GENUINE HI-FORCE P		

Hi-Force	SERVICE KIT (3 & 4 WAY MANUAL VALVES)	SERIAL NUMBERS		PRODUCT NO.	VERSIC	DN	Sht 1 Of
							1 SHTS
		NO.	PART NUMBER	DESCRIPTION		QTY.	REVISIO
		1	SEC003KT001	VALVE GASKET		1	1 5717
	(1)	2	SEC049RF001	O-RING - I.D. 48.90 r C.S. 2.62 mm, NITRIL	mm, .E 90	1	2
		3	SEC016RA002	O-RING - I.D. 10.77 r C.S. 2.62 mm, NITRIL	mm, .E 70	4	4
		4	SEC012BA002	BACK UP RING		1	5
		5	SEC012RA003	O-RING - I.D. 9 mm, 1.50 mm, NITRILE 7	C.S. 70	1	6 7
		6	SEC011BA001	BACK UP RING		3	8
		7	SEC011RA001	O-RING - I.D. 8.10 mm 1.6 mm, NITRILE 9	n, C.S. 10	3	9 10
		8	SEC014RA001	O-RING - I.D. 9.19mm 2.62mm, NITRILE 9	n, C.S. 20	4	11 12
	3	9	SEC010RF002	O-RING - I.D. 4.42 mm 2.62 mm, NITRILE 7	n, C.S. 70	1	13
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							16 17
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	(5) (0)						19
							20
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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.