

Hi-Force	25 Tonne, Single Acting, 230V 50Hz Electric Driven, Solenoid 3	SERIAL NUMBERS	PRODUCT NO.
HYDRAULIC TOOLS	– Way Valve, Workshop Press	FROM BS8412	HPF2542S

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	HPF207312S	230V 50hz, 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	

SHT 2 OF 2 SHTS REVISION 1 6088 2 6180 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

NOTES:

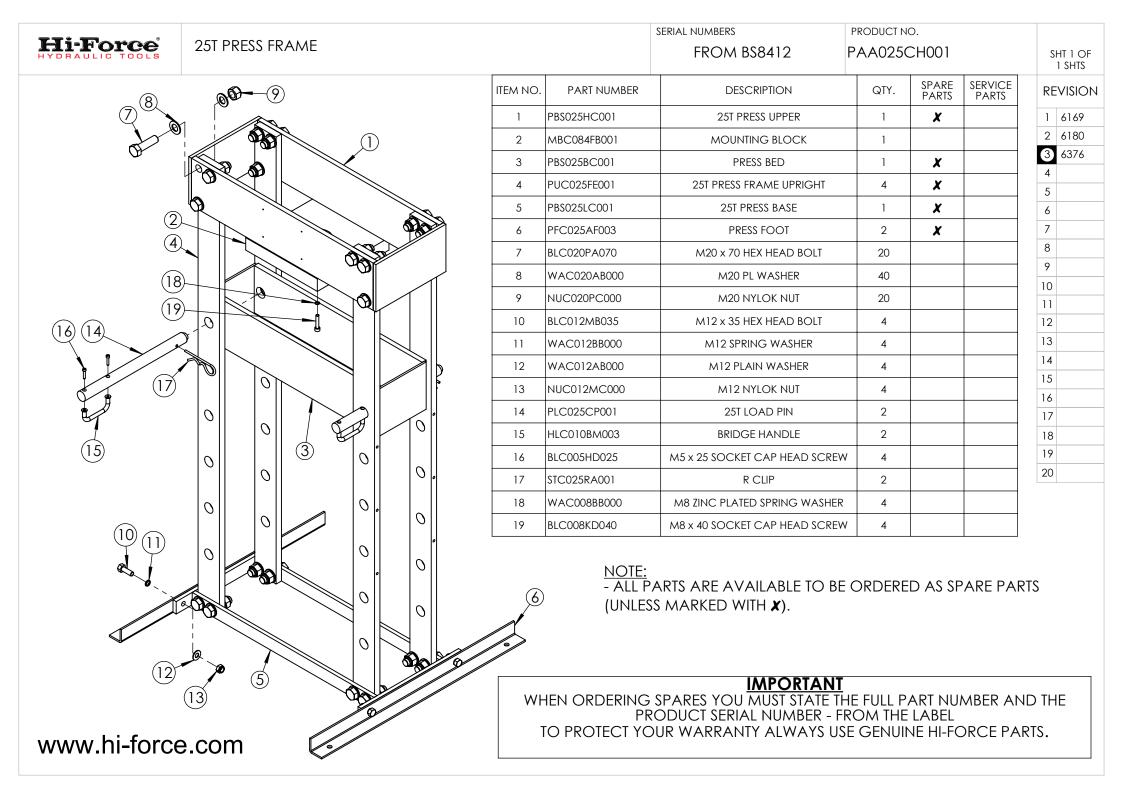
-ALL PARTS AVAILABLE TO ORDER AS AN INDIVIDUAL SPARE PART UNLESS MARKED "X"

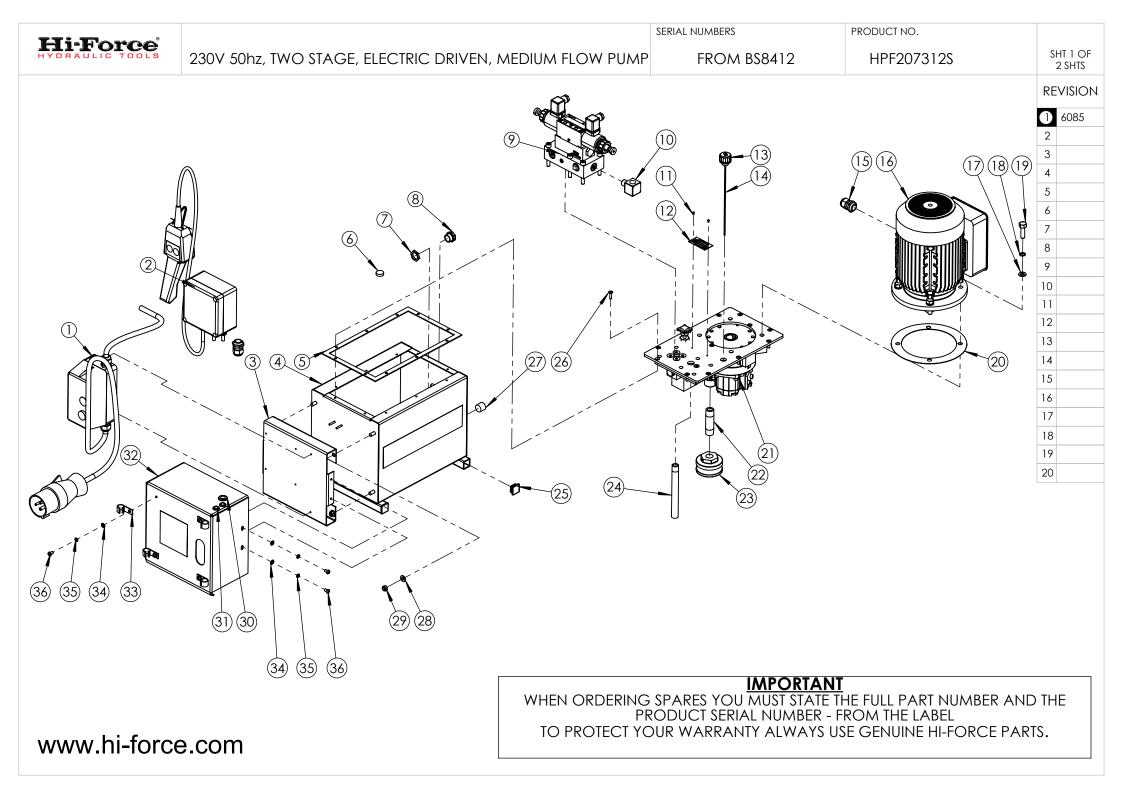
-FOR SUB ASSEMBLIES (ITEM NO.s 1, 5 & 9) PLEASE REFER TO THEIR INDIVIDUAL EVD's

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.

www.hi-force.com

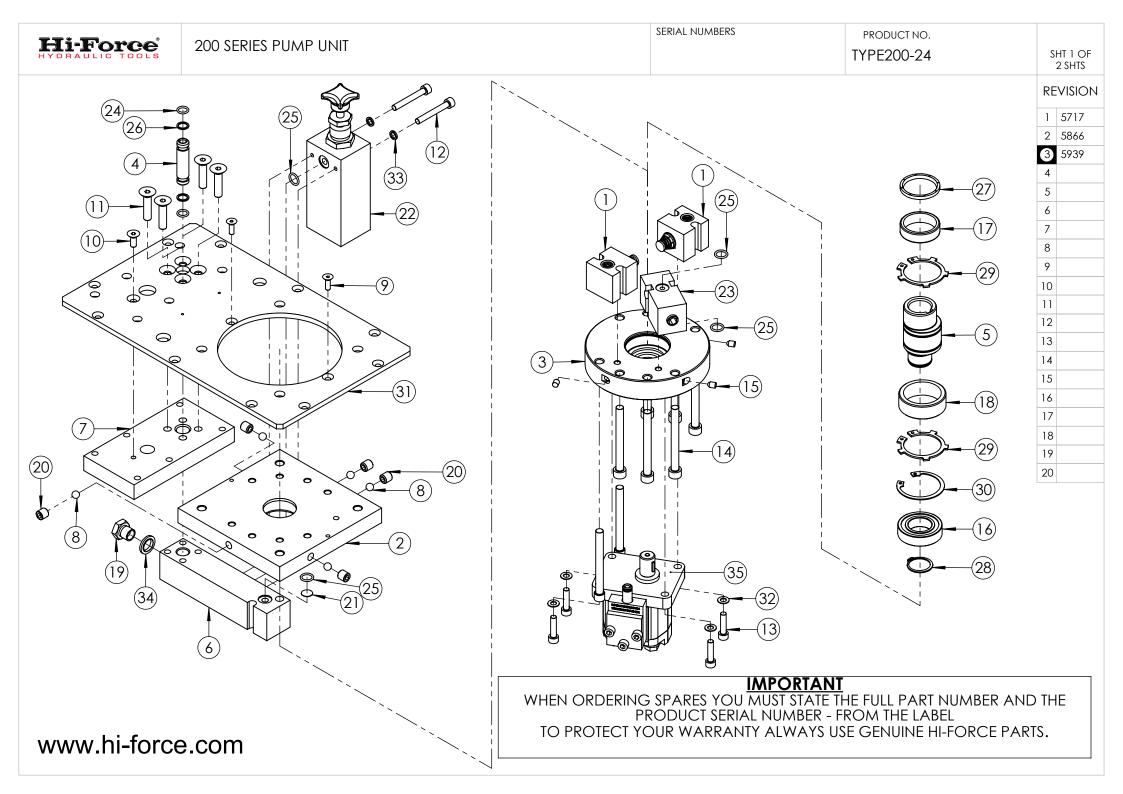




) H	Hi-Fore	e LS	230V 50hz, TWO STAGE, ELEC		עומח		יווח:		SERIAL NUMBERS	PRODUCT N			SHT 2 OF
ITEM NO.	PART NUMBER		DESCRIPTION		SPARE	SERVICE PARTS				QTY.	SPARE PARTS	SERVICE PARTS	2 SHTS REVISIO
1	EMA230UE001		MOTOR STARTER ASSEMBLY 230V	1	TAKIS	T AKI3	24	TAC000PA001	160 mm LONG SUCTION PIPE	1	FARIS	FARIS	
2	EMA024TB001		POWER SUPPLY ASSY	1			25	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			 6085 2
3	TAC000FS003		MOUNTING PLATE	1			26	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SC	REW 10			3
4	TAC010AS012		10L Tank	1			27	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			4
5	15482		TANK GASKET	1		\	28	WAC008AB000	M8 PLAIN WASHER	4			6
6	DCSF00328		DOUBLE SIDED MAGNET	1			29	NUC008KC000	M8 NYLOC NUT	4			7
7	NUC021-B000		1/2" BSP LOCK NUT	2			30	SEC013EH001	12.7mm ID BLACK PVC OPEN GROMME	T 1			8
8	BLC021YT010	SIGHT	GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			31	SEC010EH001	9.5mm ID BLACK PVC OPEN GROMMET	2			9 10
9	PMV3SD	3 WAY	, ELECTRICALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE	1			32	TAC000FS004	HOUSING	1			11
10	HF16	EL	BOW, 3/8" NPT FEMALE TO 3/8" NPT MALE	1			33	ANC015PC001	CABLE CLIP BLACK SCREW POLYACETAL CABL	E CLIP, 4			12 13
11	FAS002HZ001		NO.4 x 3/16 HAMMER DRIVE SCREW	2			34	WAC006AF000	M6 ZINC WASHER	8			13
12	AAN000UP001		60 x 30 mm UNIVERSAL NAME PLATE	1	X		35	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTIO	N) 8			15
13	BPC010SP002		FILLER	1			36	BLC006JH010	M6 X 10 mm, HEX SOCKET, BUTTON HEAD SC	REW 8			16
14	BPC010DS001		ZINC PLATED DIPSTICK 239mm LONG	1				1 1				41	17
15	NUC020LS002		GLAND 6-12MM	1				NOTE:					19
16	EM230-1.5-4LAF		ELECTRIC MOTOR 1.5KW 230VAC	1				-ALL PA	RTS ARE AVAILABLE TO BE ORDERED AS S	PARE PARTS (UNLESS		20
17	WAC010AB000		M10 ZINC PLATED FLAT WASHER	4					D WITH X)				
18	WAC010BZ000		M10 SPRING WASHER	4					PARTS MARKED WITH ✔ARE AVAILABLE AS VICEABLE PARTS, FROM HEP-SK1 PUMP SE				
19	BLC010LB035	M	10 x 35 mm HEX HEAD BOLT, ZINC PLATED	4				HEP-SK	I : PUMP SERVICE KIT EVD FOR FULL PARTS	LIST)			
20	SEC001KT003		GASKET	1		>			JB ASSEMBLIES (ITEM NO.S 1, 2, 9 & 21) PLE	EASE REFER TO) THEIR		
21	TYPE200-24		200 SERIES PUMP UNIT	1				INDIVID	UAL EVD's.				
22	FPC013AC010		1/2" BSPT SUCTION PIPE	1				- ITEM N	IO.S 13 & 14 MUST BE ORDERED TOGETHE	R			
23	FFC045MZ001		FILTER	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.

www.hi-force.com



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

www.hi-force.com

									2 SHTS
ITEM NO.	PART	NUMBER	DESCRIPTION		QTY.	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

16

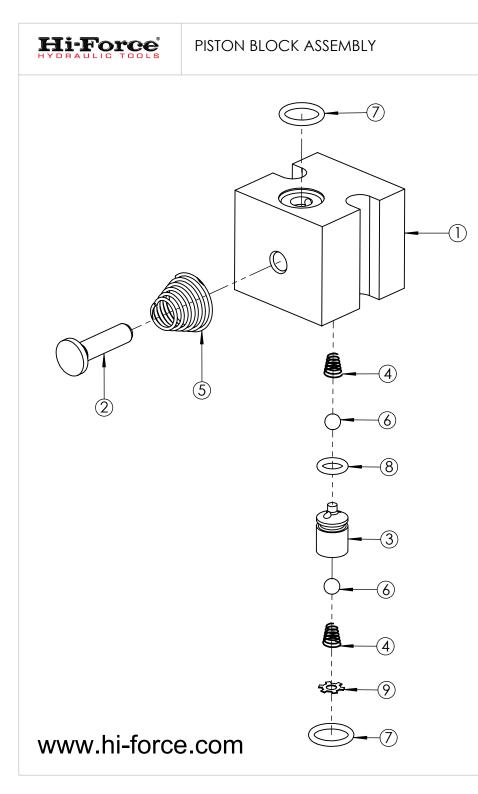
17

18 19

20

PRODUCT NO.

TYPF200-24



	SERIAL NUMBERS		PRODUCT NO.				rsion		
			15494-A			01			ht 1 Of 1 Shts
ITE <i>I</i> NC	^M PART NUMBER	DESCRI	DESCRIPTION			re TS	SERVICE PARTS	RE	VISION
1	15494	PISTON E	PISTON BLOCK					1	5717
2	15495	PISTO	PISTON					2	5866
3	15496	VALVE	VALVE SEAT					3	
4	15509	SUCTION/DELIV	SUCTION/DELIVERY SPRING					4	
5	15508	PUMP SF	PRING	1	X			5	
6	BAC005SN000	Ø5 mm STEEL E 100		2	X			6	
7	SEC014RF001	O-RING - I.D. C.S. 1.78 mm		2			✓	8	
8	SEC010RA001		D-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70					9 10	
9	STC008SA001		N1305-0031 SELF LOCKING RING					11	
L	1	1				-		12	

13

14 15

16

17

18

19

20

<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

17

18

19

20



	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 - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 702✓555SEC019RF002O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 902✓666PMC000XM001SEALING PLATE11817BLC006JD030M6 x 30 mm HEX SOCKET CAP HEAD SCREW3111815507ADAPTOR11119PCC002WC001KEY TO FIT 200/300 PUMPS1111110FAS008SP080M8 X 80 HEX SOCKET REDUCED CAP HEAD SCREW (FULLY THREADED)2131311FPA013DC001GEAR PUMP ELBOW (INC WITH GEAR PUMP)1X14				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 IMACOUNIMOUT INANSFERTEXTE 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. 1.78mm, 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	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 90276PMC000XM001SEALING 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 4 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 11 9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 11 12 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 <td>3</td> <td>15510B</td> <td>CONNECTOR</td> <td>TUBE</td> <td>1</td> <td></td> <td></td> <td>4</td> <td></td>	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			2		~	Ŭ	
7 BLC006JD030 MB W B CREW 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			3			9	
9 PCC002WC001 KEY TO FIT 200/300 PUMPS 1 1 11 12 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 14			M8 X 80 HEX SOCKE					12	
11 FPA013DC001 GEAR PUMP ELBOW (INC WITH GEAR PUMP) 1 X 15	10	FAS008SP080	CAP HEAD SCREV	V (FULLY	2				
GEAR PUMP)	11		GEAR PUMP ELBOW	(INC WITH	1	~			
16	11	FF AUTSDC001	GEAR PUM	P)	1	X		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)

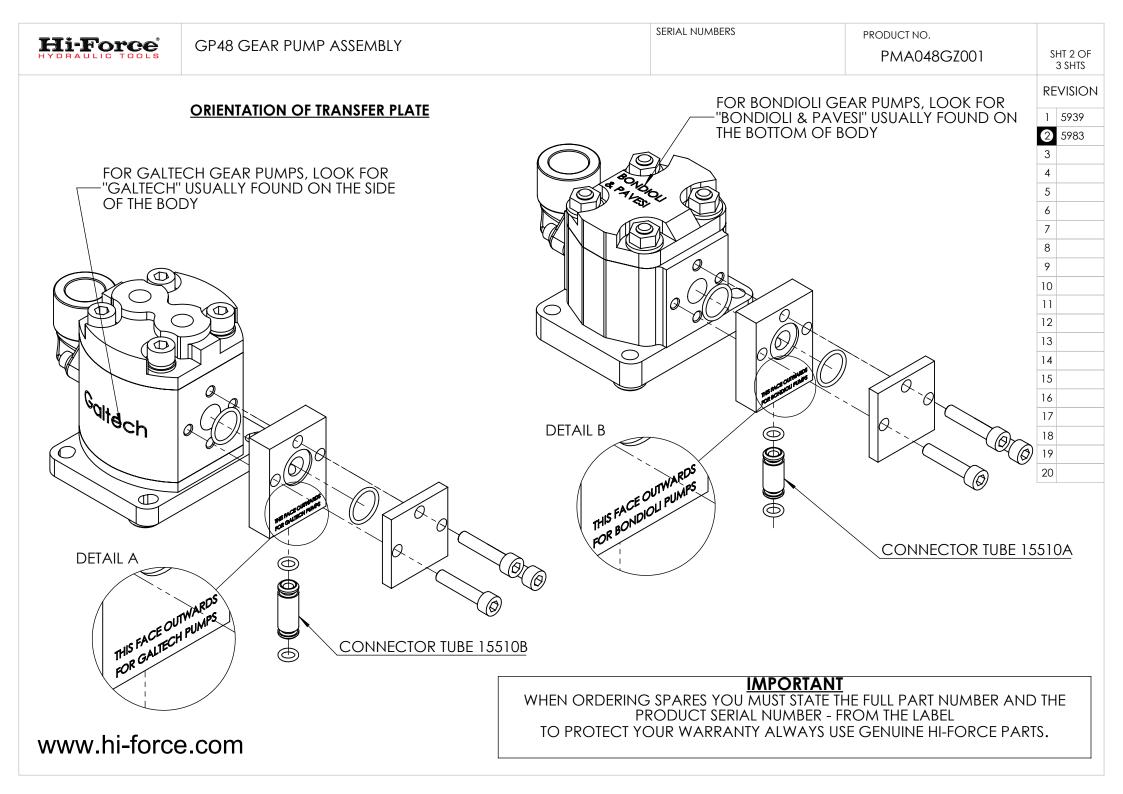
ITEM NO. 3 USED IS DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS EARLIER THAN **BR9070**. FOR BONDIOLI GEAR PUMPS USE CONNECTOR TUBE 15510A AND FOR GALTECH GEAR PUMPS USE CONNECTOR TUBE 15510B (REFER TO SHEET 2 FOR FURTHER DETAILS)

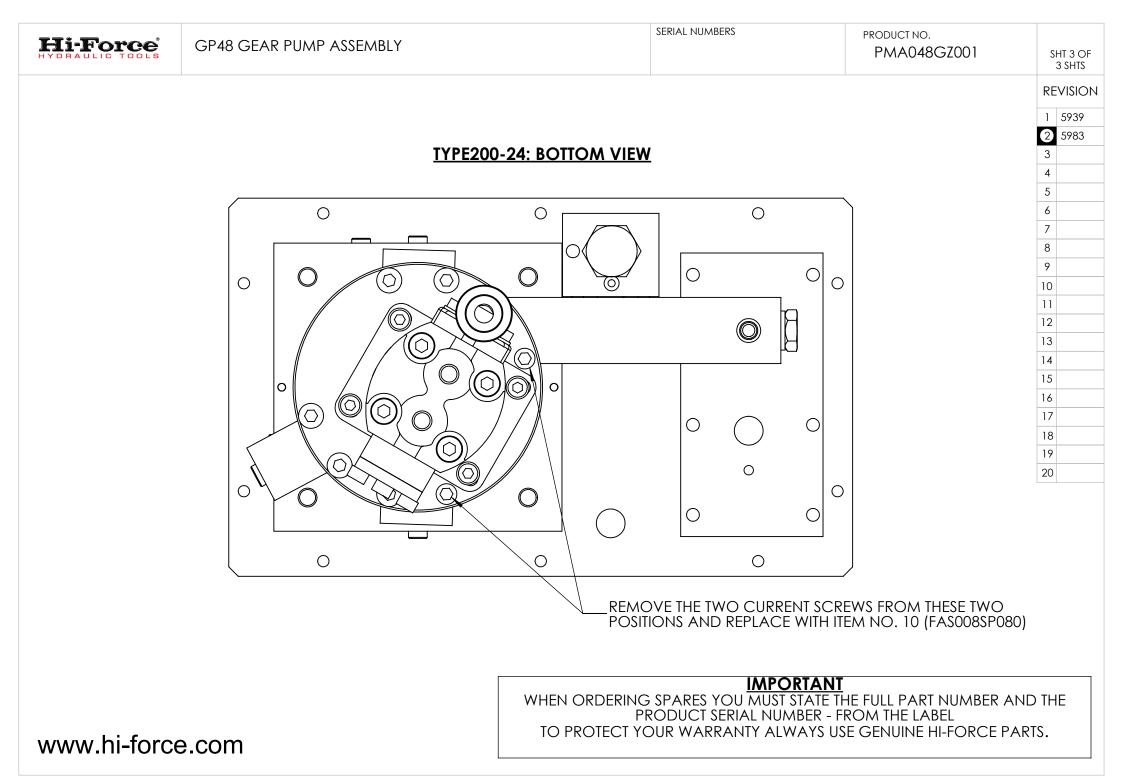
- ITEM NO.10 (FAS008SP080) ARE TO REPLACE TWO SCREWS (BLC008KC080) ON THE TYPE200-24, PRIOR TO FITTING PMA048GZ001 (REFER TO SHEET 3 FOR FURTHER DETAILS)

- 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.

www.hi-force.com





Hi-Force	MOTOR STARTER ASSEMBLY 230V			SERIA	AL NUMBERS
	\sim	ITEM NO.	PART NUME	BER	DESC
		1	EMC000EFC	001	ENCLOSU BUTTC
	(9)	2	EMC230KEC	201	CONTACT
		3	EMC230REC	201	OVERLOAD R
	<u> </u>	4	EMC110XFC	001	BRIDO
		5	NUC020LSC)02	GLANI
		6	CEC250SXC	001	BOOTLA (INSULATED
_		7	CEC250SXC	002	TWIN BOOTL/ r
(7)-		8	CEC250AC	000	SINGLE CORE 2.5
\sim		9	CEC250CC	000	3 CORE CA H07R1
		10	MCC240EP	002	240V 16
		11	WAC004YB	000	M4 W
		12	BLC004JD0)16	M4 X 16 HEX HEAD
				PARI	IS ARE AVAILA MARKED WITH
www.hi-force		WHEN O TO PI	ORDERING PR ROTECT YO	SPA OD OUR	IM ARES YOU MU UCT SERIAL M WARRANTY J

		EMA	4230U	E001	01	SHT 1 OF 1 SHTS
rt numbe	er description		QTY.	SPARE PARTS	SERVICE PARTS	REVISION
C000EF00	DI ENCLOSURE WITH PUSH BUTTONS P1MT	1	1			1 5717
C230KE0	01 CONTACTOR 230 VOL	Г	1			3
C230RE0	01 OVERLOAD RELAY 8-11 A	MPS	1			4
C110XF00	01 BRIDGING BAR		1			5
C020LS00	02 GLAND 6-12MM		2			6
C250SX00	DI BOOTLACE FERRULE (INSULATED) 2.5mm GRI	ΞY	8			7
C2508X00	TWIN BOOTLACE FERRULE	2.5	3			8
C250AC0	00 SINGLE CORE TR-RATED C/ 2.5 mm2	ABLE	1			10 11
C250CC0	00 3 CORE CABLE 2.5mm^ H07RN-F3G 2.5	2	2			12
C240EP0	02 240V 16 Amp PLUG		1			13
C004YB0	00 M4 WASHER ST		2			14
C004JD01	16 M4 X 16 HEX SOCKET, CA	٩P	2			16
	· ·			I		17
						18

PRODUCT NO.

VERSION

19 20

LABLE TO BE ORDERED AS SPARE PARTS ΓΗ **Χ**).

MPORTANT MUST STATE THE FULL PART NUMBER AND THE L NUMBER - FROM THE LABEL ALWAYS USE GENUINE HI-FORCE PARTS.

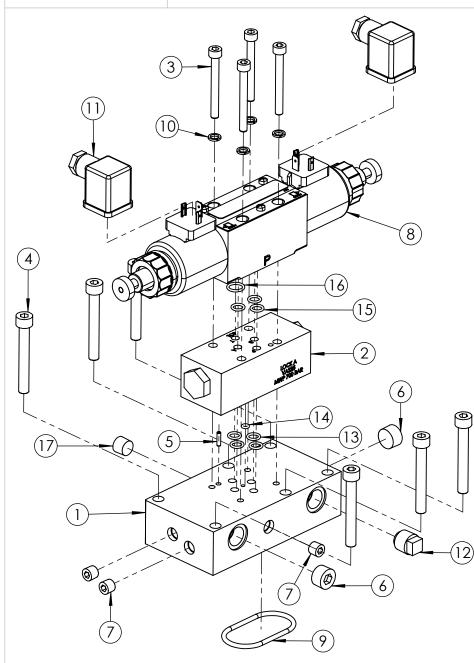
••• ••• ••		S	SERIAL 1	NUMBERS		PRODUCT NO.	VERSION	
Hi-Force	POWER SUPPLY ASSY					EMA024TB001	01	SHT 1 OF 1 SHTS
	\bigcirc		ITEM NO.	PART NUMBER		DESCRIPTION	QTY. SPAR PART	e Revision
9			1	EMC000XZ001		DIN RAIL	1	1 5717
	n <u> </u>		2	EMC024TB001	POWE	ER SUPPLY 24 V DC	1	2
			3	EMC000NZ001	TE	RMINAL BLOCK	5	3
			4	EMC000NZ002	EARTH	I TERMINAL BLOCK	1	4
			5	EMC024EB002	DRIL	LED ENCLOSURE	1	5
			6	NUC016LS001	M1	6 CABLE GLAND	3	- 6 - 7
			7	NUC020LS002	G	LAND 6-12MM	2	8
			8	EMC000VZ002	HAND I ON	PENDANT (PENDANT NLY, NO CABLE)	1	9
		λ	9	BLC004JD016	M4 x 1 CA	6 mm HEX SOCKET	4	10 11
//)	10	WAC004YB000	Ν	14 WASHER ST	4	12
			11	FAS003TV001	M3 :	x 5 FORM SCREW	2	13
// (12	CEC150DC000	4 COI	RE CABLE 1.5 mm2 107RN-F 4G1.5	1	14
			13	CEC150CC000	3 C C	DRE 1.5mm CABLE	1	16 17
			14	CEC075CC000	3 CO	RE 0.75mm CABLE	2	18 19
		WHEN ORDERING S	- A P.	ARTS (UNLESS M)	ARKED V			20 2 THF
www.hi-force	e.com	PRC	DDUC	CT SERIAL NUM	BER - F	ROM THE LABEL		



3 WAY, ELECTRICALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VA

SERIAL NUMBERS

PRODUCT NO.



www.hi-force.com

	OUNIED	PN	1V3SE)		SHT 1 C 1 SHT	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISIO	ON
1	VFC010BT004	VALVE BASE (5 PORT)	1			1 5717	7
2	VA225	PO CHECK VALVE (5 port)	1			2 6165	5
3	BLC006FC055	1/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW	4			3	
4	BLC008KC060	M8 x 60 mm HEX SOCKET CAP HEAD SCREW	6			5	
5	PCC003RB006	Ø3 x 12 mm SELLOCK PIN	1			6	
6	FPC010PN002	3/8" X 7/8" NPT SOCKET PLUG	2			7	
7	FPC003PN001	1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG	3			8	
8	VFA000CE005	DIRECTIONAL CONTROL VALVE - TANDEM CENTRE 24VDC	1			9 10	
9	SEC057RA001	O-RING - I.D. 50.39 mm, C.S. 3.53 mm	1		\	11	
10	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTION) 4			12	
11	EMC240NE001	BLACK RECTANGULAR POWER CONNECTOR	2			13	
12	BPC010SP004	3/8 NPT PLASTIC BLANKING PLUG (RED)	1			14	
13	SEC011RF001	O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 9	0 4		\checkmark	15	
14	SEC006RA002	O-RING - I.D. 2.9 mm, C.S. 1.78mm, NITRILE 7	D 1		<	16	
15	SEC011RF002	O-RING - I.D. 7.66 mm, C.S. 1.78 mm, VITON 9 (BROWN)	0 3		~	17	
16	SEC014RF002	O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90 (BROWN)	1		✓	18 19	
17	FPC006PN002	1/4 NPT x 7/8 TAPER PLUG	1			20	

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-S1: SERVICE KIT (SOLENOID VALVE) (REFER TO DCV-S1 EVD FOR FULL PARTS LIST).

- IF ITEM NO. 2 IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH ITEMS 13 & 14. THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SEPERATELY.

- IF ITEM NO. 8 IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH ITEMS 15 & 16. 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		·	ſ	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
		lø ®							13
		000		i					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 (SOLENOID VALVE)			SERIAL N	UMBERS	PRODUCT NO.	VERSI			
HYDRAULIC TOOLS	SERVICE KII (SOLLINOID VALVE)					DCV-S1	01		SHT 1 OF 1 SHTS	
			ITEM NO.	PART NUMBE	R	DESCRIPTION		QTY.	REVISIO	
			1	SEC014RF002	0-RING - I.D. 10).82 mm C.S. 1.78 mm, \ (BROWN)	VITON 90	1	1 5717 2	
			2	SEC011RF002		.66 mm, C.S. 1.78 mm, \ (BROWN)			3	
		(5)	3	SEC011RF001	O-RING, I.D. 7.	66 mm, C.S. 1.78 mm, N	ITRILE 90	4	5	
		Ĭ	4	SEC006RA002	2 O-RING - I.D. 2	2.9 mm, C.S. 1.78mm, NI	TRILE 70	1	6	
			5	SEC057RA00	1 O-RING - I	.D. 50.39 mm, C.S. 3.53	mm	1	7	
			· · · · ·						8	
									9	
			\sim						10 11	
									12	
			Ň						13	
	\bigcirc	\sim							14	
		\approx							15	
			\searrow	\mathcal{A}					16 17	
	()								17	
0									19	
(3)									20	
				PRODUC	t serial numb	TANT ATE THE FULL PART NI ER - FROM THE LABEL AYS USE GENUINE HI-F	-			

www.hi-force.com

TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARIS.