

<b>HITERAULIC TOOLS</b> 380/440V, TWO STAGE, ELECTRIC DRIVEN, MEDI SOLENOID OPERATED VALV						
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPAREP PARTS	Service Parts	
1	TAA025JS001	25 LTR TANK ASSEMBLY	1			
2	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			
3	TAA025CS001	25 LTR ROLL FRAME ASSEMBLY	1			
4	WAC008AB000	M8 PLAIN WASHER	4			
5	TYPE200-24	200 SERIES PUMP UNIT	1			
6	EMA415MC001	MOTOR ASSEMBLY	1			
7	EMA415UC001	MOTOR STARTER ASSEMBLY	1			
8	EMA024TB001	POWER SUPPLY ASSY	1			
9	PGP063AK001	HEP & HAP PRESSURE GAUGE ASSEMBLY	1			
10	PMV3SD	3 WAY, ELECTRICALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE	1			
11	TAC000PA001	160 mm LONG SUCTION PIPE	1			
12	FPC013AC010	1/2" BSPT SUCTION PIPE	1			
13	FPC010PB001	3/8" BSP BLANKING PLUG	1			
14	FFC045MZ001	FILTER	1			
15	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW	10			
16	15482	TANK GASKET	1		~	
17	TAC000FS003	MOUNTING PLATE	1			
18	NUC008KC000	M8 NYLOC NUT	4			
19	TAC000FS004	HOUSING	1			
20	BLC006JH010	M6 X 10 mm BUTTON HEAD HEX SOCKET SCREW	8			
21	WAC006AF000	M6 ZINC WASHER	8			

W PUMP C/W		FROM	4 BQ 6615 HEP2		20732	24S	01	SHT 2 OF 2 SHTS	
	ITEM NO.	PART NUMBER DES		DESCRIPTION		QTY.	SPAREP PARTS	SERVICE PARTS	REVISION
	22	WAC00	6BC001		M6 SPRING ZINC WASHER (SQUARE SECTION)				1 5717 2
	23	ANC015PC001 CABLE CLIP BLACK SC POLYACETAL CABLE C 15mm			4			3 4	
	24	SEC013EH001 12.7mm ID BLACK PV OPEN GROMMET			1			5	
	25	SEC010	EH001	9.5mm ID BLACK PVC GROMMET	OPEN	2			7
	26	AANOO	DUP001	60 x 30 mm UNIVERS NAME PLATE	SAL	1	X		8
	27	FAS002	2HZ001	NO.4 x 3/16 BRASS HAMMER DRIVE SCREW		2			10 11
	*	SFC065	FA002	BLANKING PLATE		1			12
									13

PRODUCT NO.

VERSION

14

15 16

17

18 19

20

### <u>NOTE:</u>

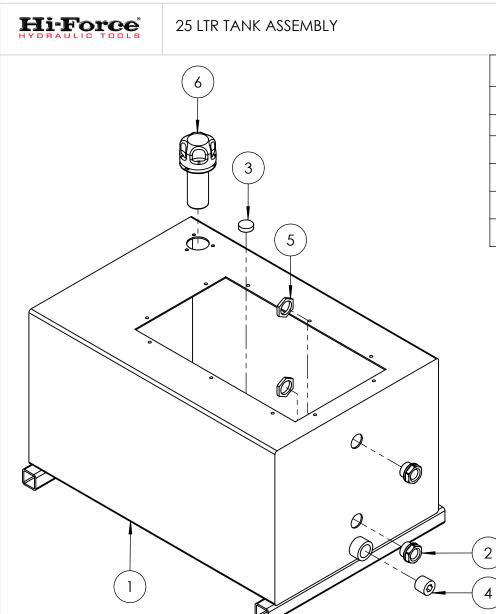
SERIAL NUMBERS

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

- FOR SUB ASSEMBLIES (ITEM NO.S 1, 3, 5, 6, 7, 8, 9 & 10) REFER TO THEIR INDUVIDUAL 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.

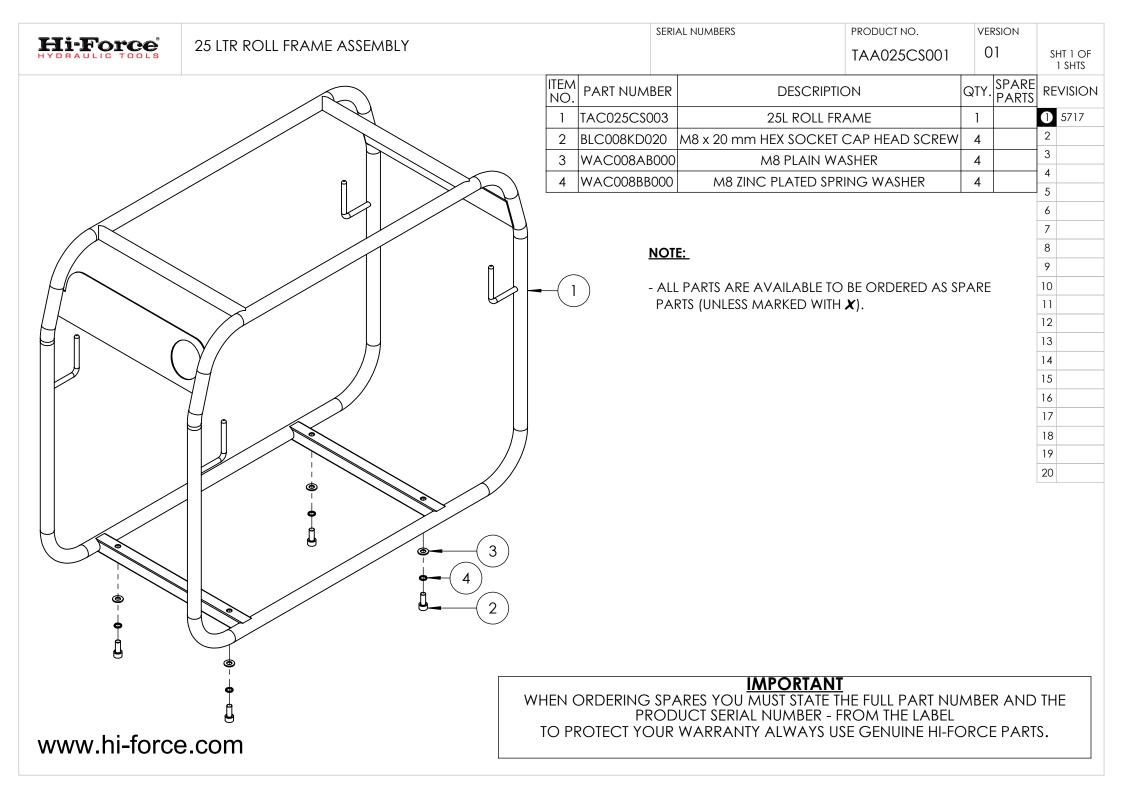


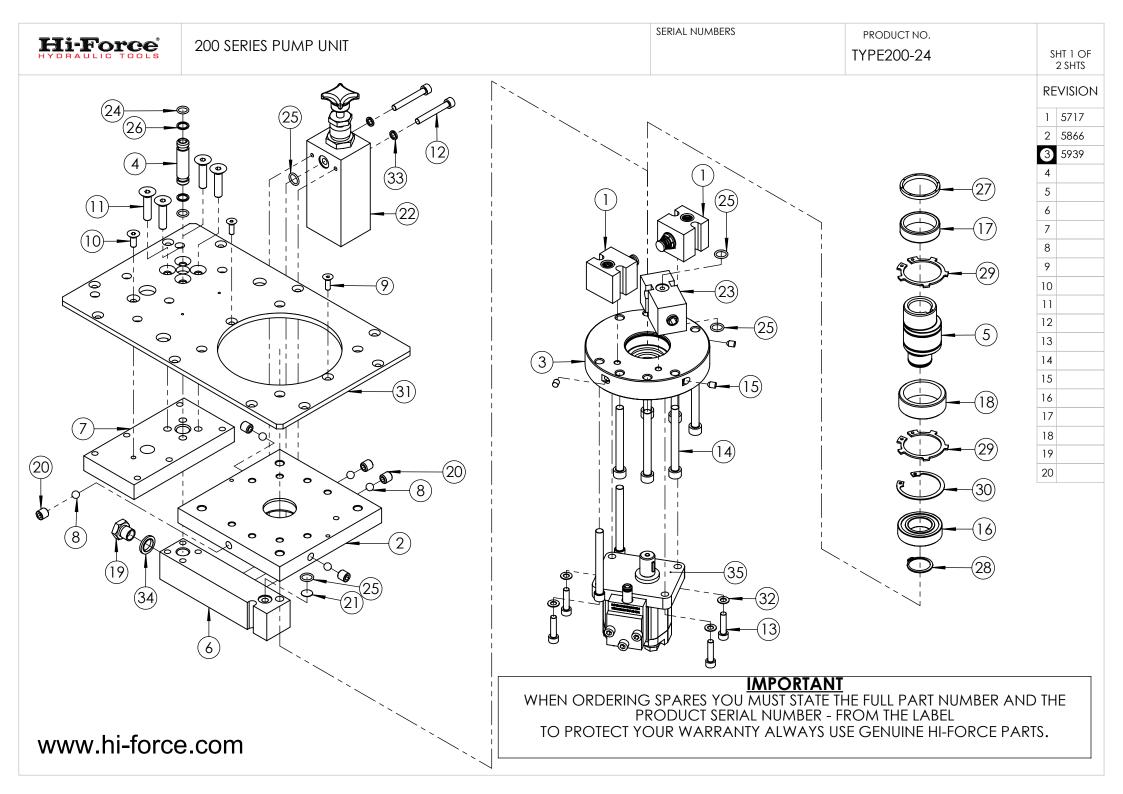
		SERIAL NUMBERS	SERIAL NUMBERS PRODUCT NO.					
			TAA025JS001	0	1	SHT 1 OF 1 SHTS	:	
ITEM NO.	PART NUMBER	DESCRIPTION	DESCRIPTION					
1	TAC025AS006	25L TANK	1		<b>1</b> 5717			
2	BLC021YT010	sight glass hgf.13 black oil	2		2	_		
3	DCSF00328	DOUBLE SIDED MAG	1		4			
4	FPC013PC001	12" BSPT HEX SOCKET	12" BSPT HEX SOCKET PLUG					
5	NUC021-B000	1/2" BSP LOCK N	2		6 7			
6	FFC028PZ001	FILLER/BREATHE	1		8			
L	1				1	9		

### <u>NOTE:</u>

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

### 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	FA\$006GJ010	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 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 S	SEAL	1			3	
28	STC02	5AA001		EXTERNAL CIRCLIP - 25 x 1.2 mm D1400/025				4	
29	STC04	0AA001		EXTERNAL CIRCLIP - 40 x 1.75 mm D2100/0400				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 WASHER (SQUARE SECTION)				11 12	
34	WAC00	07HD000	1/4" BSP SELF CENTERING BONDED WASHER		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

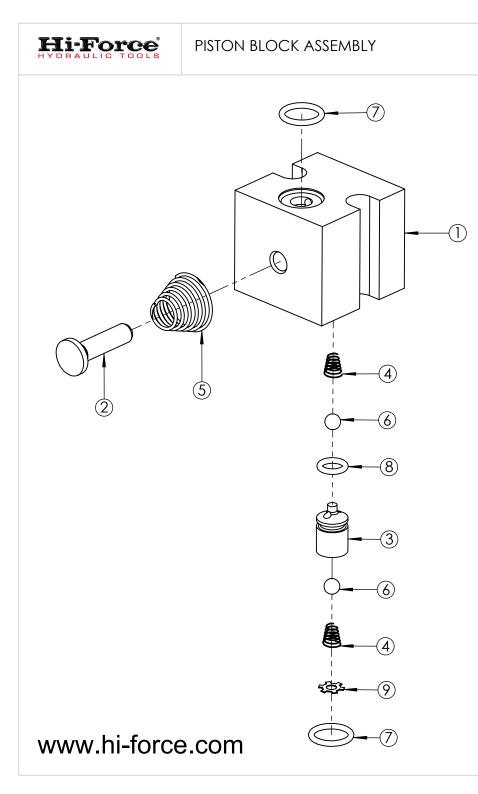
17

18 19

20

PRODUCT NO.

TYPF200-24



	SERIAL NUMBERS		PRODUCT NO.			VERSION			
			15494-A			01			ht 1 Of 1 Shts
ITE <i>I</i> NC	<sup>M</sup> PART NUMBER	DESCRI	DESCRIPTION			re TS	SERVICE PARTS	RE	VISION
1	15494	PISTON E	PISTON BLOCK					1	5717
2	15495	PISTON			X			2	5866
3	15496	VALVE SEAT			X			3	
4	15509	SUCTION/DELIVERY SPRING			X			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	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70		1	X			9 10	
9	STC008SA001	N1305-0031 SELF LOCKING RING			X			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 PLATE11416PMC000XM001SEALING PLATE11817BLC006JD030M6 x 30 mm HEX SOCKET CAP HEAD SCREW31119PCC002WC001KEY TO FIT 200/300 PUMPS1111110FAS008SP080CAP HEAD SCREW (FULLY THREADED)213131111FPA013DC001GEAR PUMP ELBOW (INC WITH GEAR PUMP)1X141516									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	GEAR PUMP				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 colspan="2">3 15510B CONNECTOR TUBE</td> <td>TUBE</td> <td>1</td> <td></td> <td></td> <td>4</td> <td></td>	3	3 15510B CONNECTOR TUBE		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					~	-	
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 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	CAP HEAD SCREW (FULLY THREADED) GEAR PUMP ELBOW (INC WITH					
GEAR PUMP)	11		GEAR PUMP ELBOW			~			
16	11	FF AUISDCUUT	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)

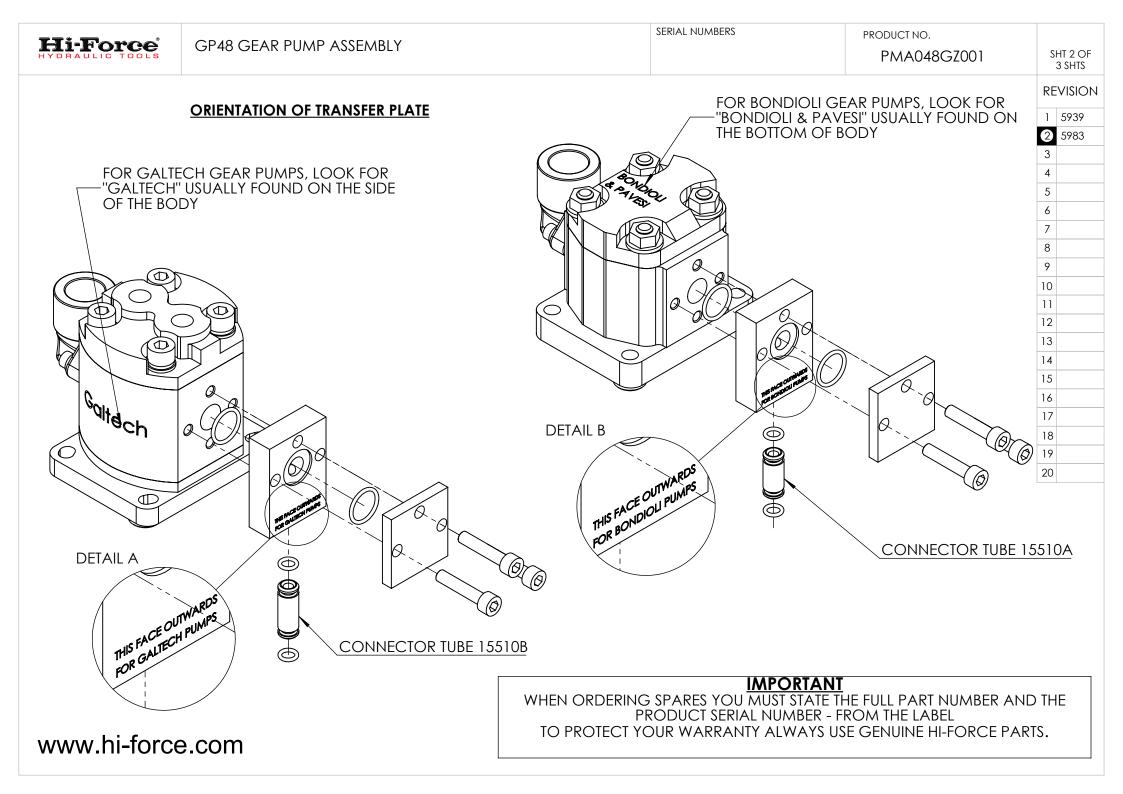
POSITION OF ITEM NO. 2 (PMC000TM001) IS TO BE DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED (REFER TO SHEET 2 FOR FURTHER DETAILS)

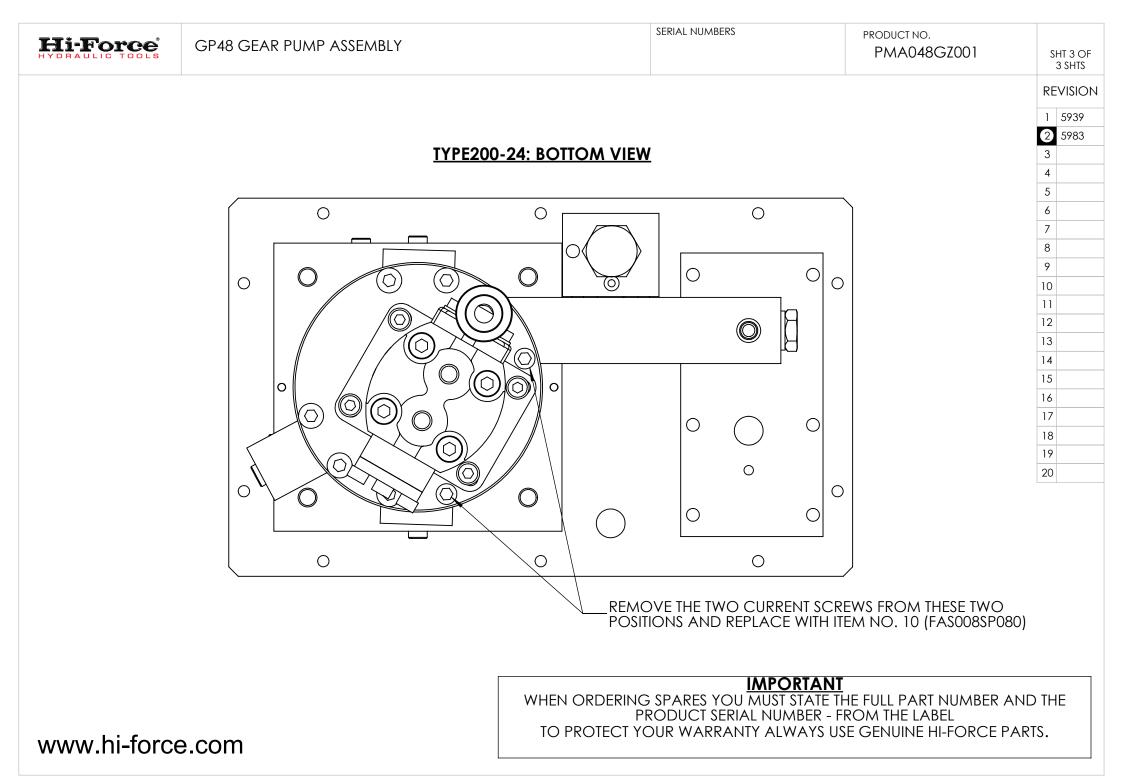
ITEM NO. 3 USED IS DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS EARLIER THAN **BR9070**. FOR BONDIOLI GEAR PUMPS USE CONNECTOR TUBE 15510A AND FOR GALTECH GEAR PUMPS USE CONNECTOR TUBE 15510B (REFER TO SHEET 2 FOR FURTHER DETAILS)

- 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.





MOTOR ASSEMBLY

**Hi-Force** 

C001 01 SHT

11

12 13

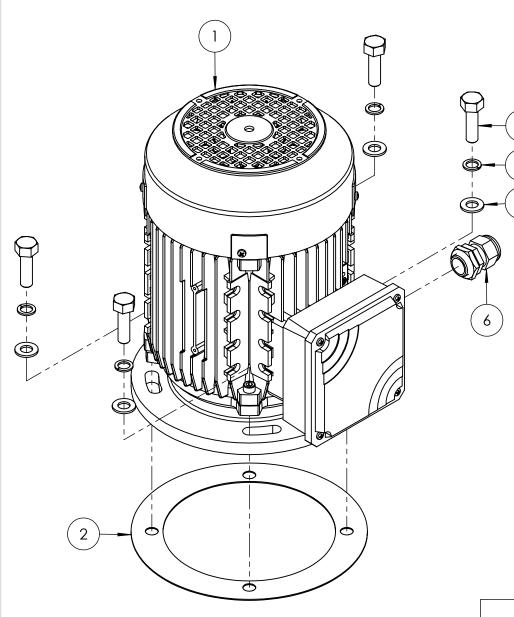
14

15 16

17

18

19 20



				EMA415MC001		01		ht 1 Of 1 Shts	
ITEM NO.	PART	NUMBER	DESCRIPTION		QTY.	SPARE PARTS	SERVICE PARTS	RE	VISION
1	EM41	5-1.5-4LAF AMPE 90L BA 4 - 1 POLE MOTO			1			1	5717
2	SECO	D01KT003	GASKET		1		1	3	
3	BLCO	D10LB035	M10 x 35 mm HEX HEAD BOLT, ZINC PLATED		4			4 5	
4	WAC	010AB000	)10AB000 M10 ZINC PLATED F WASHER		4			6	
5	WAC	010BZ000	M10 SPRING WAS	HER	4			8	
6	NUC	020LS002	GLAND 6-12M	GLAND 6-12MM				9	
								10	

PRODUCT NO.

### NOTE:

3

- 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 **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.	VERSION	
Hi-Force	MOTOR STARTER ASSEMBLY					EMA415UC001	01	SHT 1 OF 1 SHTS
		ITEM NO.	PART NUM	BER	DESCRIPTI	ON	QTY. SPAR	
	(12)	1	EMC000EF	001 ENCLOS	URE WITH PUSH	BUTTONS P1MT	1	1 5717
		2	EMC415KE	001	CONTACTOR	415 V	1	2
		3	EMC415RC	:001 OVER	LOAD RELAY	2.7-4.0 AMPS	1	3
	5	4	EMC110XF	001	BRIDGING	BAR	1	4
		5	NUC020LS	002	GLAND 6-12	2MM	2	6
(	14) (9)	6	EMC000NZ	001	TERMINAL BI	JOCK	1	7
		7	CEC150DC	:000 4 CORE (	CABLE 1.5 mm	2 H07RN-F 4G1.5	1	8
		8	CEC150EC			2 H07RN-F 5G1.5	1	9
$\sim$		9	CEC250SX	001 BOOTLAC	CE FERRULE (IN GREY	SULATED) 2.5mm	4	10
(6) -				SINGLE C				12
		11	BLC004JD0	D16 M4 x 16	mm HEX SOC SCREW	KET CAP HEAD	2	14
				6000	M4 WASHE	R ST	2	15
		(5) 13	MCC415EP	2002 415	V, 32A ELECTR	ICAL PLUG	1	16
		14	CEC250SX	002 TWIN B	OOTLACE FER	RULE 2.5 mm <sup>2</sup>	2	18
		15	CEC150SX	001 BOOTLAC	E FERRULE (INS	SULATED) 1.5mm	4	19
		16	CEC150SX	002 TWIN B	OOTLACE FER	RULE 1.5 mm <sup>2</sup>	1	20
			NOTE: - ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH <b>X</b> ).					
		WHEN C	RDERING	Spares you M	MPORTANT MUST STATE TI NUMBER - F	HE FULL PART NU	IMBER AN	D THE

www.hi-force.com

# TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

<b>***</b>			SERIAL I	NUMBERS		PRODUCT NO.	VERSION	
HI-Force	POWER SUPPLY ASSY					EMA024TB001	01	SHT 1 OF 1 SHTS
	$\bigcirc$		ITEM NO.	PART NUMBER		DESCRIPTION	QTY. SPAR	
9			1	EMC000XZ001		DIN RAIL	1	1 5717
	<b>1</b>		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	- 6
			6	NUC016LS001	M1	6 CABLE GLAND	3	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 P HEAD SCREW	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
$\sim$			14	CEC075CC000	3 CO	RE 0.75mm CABLE	2	18 19
		WHEN ORDERING	- A P. 7)	ARTS (UNLESS M)	ARKED V			20 ) THF
www.hi-force	e.com	PR	ODUC	CT SERIAL NUM	BER - F	ROM THE LABEL		



### 3 WAY, ELECTRICALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE

3 11 10 (8) 4 (16) lı 🔁 15) Þ 2 14) Þ 13) P 5 (17)Ð 0 Ø D 12) 6 Ø (6)

www.hi-force.com

		AOUNTED	SERIAL NUMBERS PRO	PRODUCT NO.			SERIAL NUMBERS PRODUCT NO.			SERIAL NUMBERS PRODUCT NO. VERSION				
	LVE	NOUNILD	P	av3sd		0	1	SHT 1 OF						
		1						1 SHTS						
	ITEM NO.	PART NUMBER	DESCRIPTION		QTY.	SPARE PARTS	SERVICE PARTS	REVISION						
	1	VFC010BT004	VALVE BASE (5 PORT)	PORT)				1 5717						
	2	VA225	VA225 PO CHECK VALVE (5 port)					2						
	3	BLC006FC055	1/4" x 2 1/4" UNC HEX SOCKET CAF SCREW	/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW				3						
	4	BLC008KC060 M8 x 60 mm HEX SOCKET CAP HEAD SCREW						5						
	5	PCC003RB006	Ø3 x 12 mm SELLOCK PIN		1			6						
	6	FPC010PN002	OPN002         3/8" X 7/8" NPT SOCKET PLUG					7						
	7	FPC003PN001	1/8" x 3/4" NPT TAPER DRY SEAL PRE	/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG				8						
	8	VFA000CE005	CE005 4 WAY DIRECTIONAL CONTROL VALVE 24V DC					9						
	9	SEC057RA001	O-RING - I.D. 50.39 mm, C.S. 3.53	3 mm	1		✓	10						
	10	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE S	Section)	4			12						
	11	EMC240NE001	BLACK RECTANGULAR POWER CON	NECTOR	2									
	12	BPC010SP004	3/8 NPT PLASTIC BLANKING PLUG	(RED)	1			13						
	13	SEC011RF001	O-RING, I.D. 7.66 mm, C.S. 1.78 mm,	NITRILE 90	4		✓	14						
	14	SEC006RA002 O-RING - I.D. 2.9 mm, C.S. 1.78mm, NITRILE 70					$\checkmark$	15						
	15	SEC011RF002	O-RING - I.D. 7.66 mm, C.S. 1.78 mm, (BROWN)	VITON 90	3		~	16 17						
	16	SEC014RF002	O-RING - I.D. 10.82 mm C.S. 1.78 mn 90 (BROWN)	n, VITON	1		✓	18 19						
	17         FPC006PN002         1/4 NPT x 7/8 TAPER PLUG				1			20						
5								-						

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	HEP & HAP PRESSURE GAUGE ASSEMB	LY	SERIA	L NUMBERS	PRODUCT NO. PGP063AK001	VEI	rsion ) ]	SHT 1 OF 1 SHTS
			ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	REVISION
			1	WAC005EC001	M5 X 9 X 1.0 COPPER SEALING WASHER	1		<ol> <li>5717</li> <li>2</li> </ol>
			2	BLC006JH010	M6 X 10 mm, HEX SOCKET, BUTTON HEAD SCREW	1		3
			3	HF16	ELBOW, 3/8" NPT FEMALE TO 3/8" NPT MALE	1		4 5
	5	7	4	PGB063PF001	FLANGE MOUNTED 700 Bar PRESSURE GAUGE	1		6 7
			5	HOC006GB001	700 Bar GAUGE HOSE WITH 1/4"BSP CONE FEMALE FITTINGS	1		8 9
			6	FPC010BN008	M/M ADAPTOR 3/8 NPT x 1/4 BSP INT 60° CONE 1000 Bar (STAINLESS STEEL)	1		10 11 12
(1)	981	ļ į	7	ANC013PC001	13mm BLACK STAINLESS STEEL P CLIP	1		13
		(2)	8	FPC006BB002	700 Bar SS 1/4" BSPP x BSPP FIXED FEMALE GAUGE ADAPTOR	1		14 15 16
4	-01-	Y	9	BLC003ZD010	M3 X 10 mm HEX SOCKET CAP HEAD SCREW	6		17 18
			10	NUC003UK001	M3 FEMALE STEEL HEX STANDOFF 30mm LONG	3		19
et III			11	SFC085HA001	STRAIN RELIEF PLATE	1		20
and the second s			<u>Note</u> - All		ILABLE TO BE ORDERED AS S	PARE	PARTS	
	(3)		(UNI	LESS MARKED W	ITH <b>X</b> ).			

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 NUMB	SERS		PRODUCT NO. HEP-SK1		SHT 1 OF 1 SHTS
			·		ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	. REVISION
					1	15482	TANK GASKET	1	1 5717
					2	SEC010RA001	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70	2	<ol> <li>2 5939</li> <li>3</li> </ol>
		e e	(1)		3	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	10	4
					4	SEC013RA001	O-RING - I.D. 9.25mm, C.S. 1.78mm, NITRILE 90	5. 2	-
			e		5	SEC019RF002	O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90	2	7 8
			le le		6	SEC013BA001	BACK-UP RING - PTFE, SOLID SPLIT	2	9
		ø		<b>,</b> [	7	SEC001KT003		1	10
								1	12
		) )							13
		000		1					14
$\bigcirc$			e	i					15 16
									17
ł		<b>o o o</b>	le					I	18
	0	<b>q</b> 2	$\sim$	$\downarrow$					19 20
		<u>6</u> <u>3</u>							20
www.hi-force	ə.com		PR	RODUCT SI	YOU Seria	al number - F	<b>I</b> THE FULL PART NUMBER / FROM THE LABEL ISE GENUINE HI-FORCE P		

DCV-SI (VI		VERSION		MBERS	SERIAL NU			SERVICE KIT (SOLENOID VALV	orce	Hi-F
1         SEC014RF002         O-RING - I.D. 10.82 mm, CS. 1.78 mm, VITON 90 (BROWN)           2         SEC011RF002         O-RING - I.D. 7.66 mm, CS. 1.78 mm, VITON 90 (BROWN)           3         SEC011RF001         O-RING, I.D. 7.66 mm, CS. 1.78 mm, NITRILE 90 4           4         SEC006RA002         O-RING - I.D. 2.9 mm, CS. 1.78 mm, NITRILE 70 5           5         SEC057RA001         O-RING - I.D. 50.39 mm, C.S. 3.53 mm	SHT 1 1 SH	QI	DCV-S1						LIC TOOLS	HYDRAUL
2 SEC011RF002 O-RING - I.D. 7.66 mm, C.S. 1.78 mm, VITON 90 (BROWN) 3 SEC011RF001 O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 90 4 SEC006RA002 O-RING - I.D. 2.9 mm, C.S. 1.78 mm, NITRILE 70 5 SEC057RA001 O-RING - I.D. 50.39 mm, C.S. 3.53 mm 0 -RING - I.D. 50.39 mm, C.S. 3.53 mm	REVIS	c	escription			ITEN NO.				
2 SEC011RF002 O-RING - I.D. 7.66 mm, C.S. 1.78 mm, VITON 90 (BROWN) 3 SEC011RF001 O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 90 4 SEC006RA002 O-RING - I.D. 2.9 mm, C.S. 1.78 mm, NITRILE 70 5 SEC057RA001 O-RING - I.D. 50.39 mm, C.S. 3.53 mm 0 -RING - I.D. 50.39 mm, C.S. 3.53 mm	1 <b>1</b> 57	ON 90	mm C.S. 1.78 mm, VITC (BROWN)	O-RING - I.D. 10.8	SEC014RF002	1				
4         SEC006RA002         O-RING - I.D. 2.9 mm, C.S. 1.78mm, NITRILE 70           5         SEC057RA001         O-RING - I.D. 50.39 mm, C.S. 3.53 mm	3 3 4		mm, C.S. 1.78 mm, VITO			2				
5 SEC057RA001 O-RING - I.D. 50.39 mm, C.S. 3.53 mm	4 5	ILE 90	nm, C.S. 1.78 mm, NITRII	O-RING, I.D. 7.66	SEC011RF001	(5) 3				
	1 6	LE 70	nm, C.S. 1.78mm, NITRIL	O-RING - I.D. 2.9	SEC006RA002	4				
	1 7	n	50.39 mm, C.S. 3.53 mm	O-RING - I.D	SEC057RA001	5				
	8					$\sim$ –				
	9									
	10				<	$\sim$				
	11 12				$\langle \rangle$					
	13									
	14					$\searrow$	_ \`			
	15						$\frac{2}{2}$	(2)		
	16									
	17									
	18						$(\mathcal{Y})$	$(\bigcirc)$		
	19 20							$\bigcirc$	3	
	20									
							$\bigcirc$	$\bigcirc$	$\mathbb{O}_{\ell}$	
								$\mathcal{O}$		4
								$\bigcirc$	(C	Į
										.)
WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER A PRODUCT SERIAL NUMBER - FROM THE LABEL	ND THE	BER A	- THE FULL PART NUM	5 YOU MUST STAT		WHEN ORD				

www.hi-force.com

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