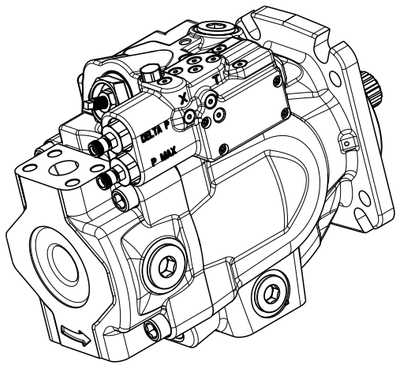
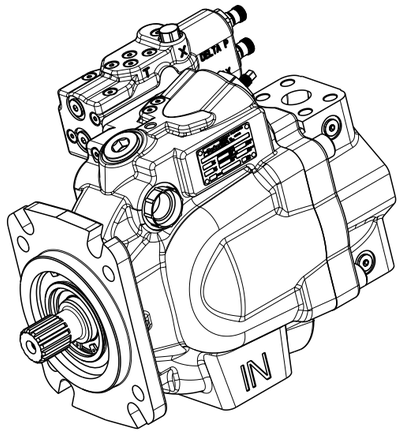
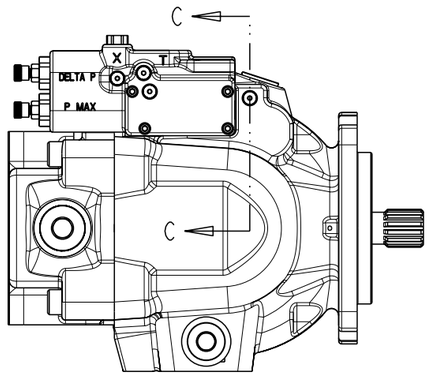
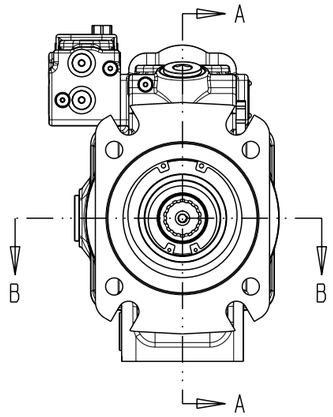
TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P2075 DESIGN SERIES II	P2-075-0403	A	PR	SHEET 1 OF 7







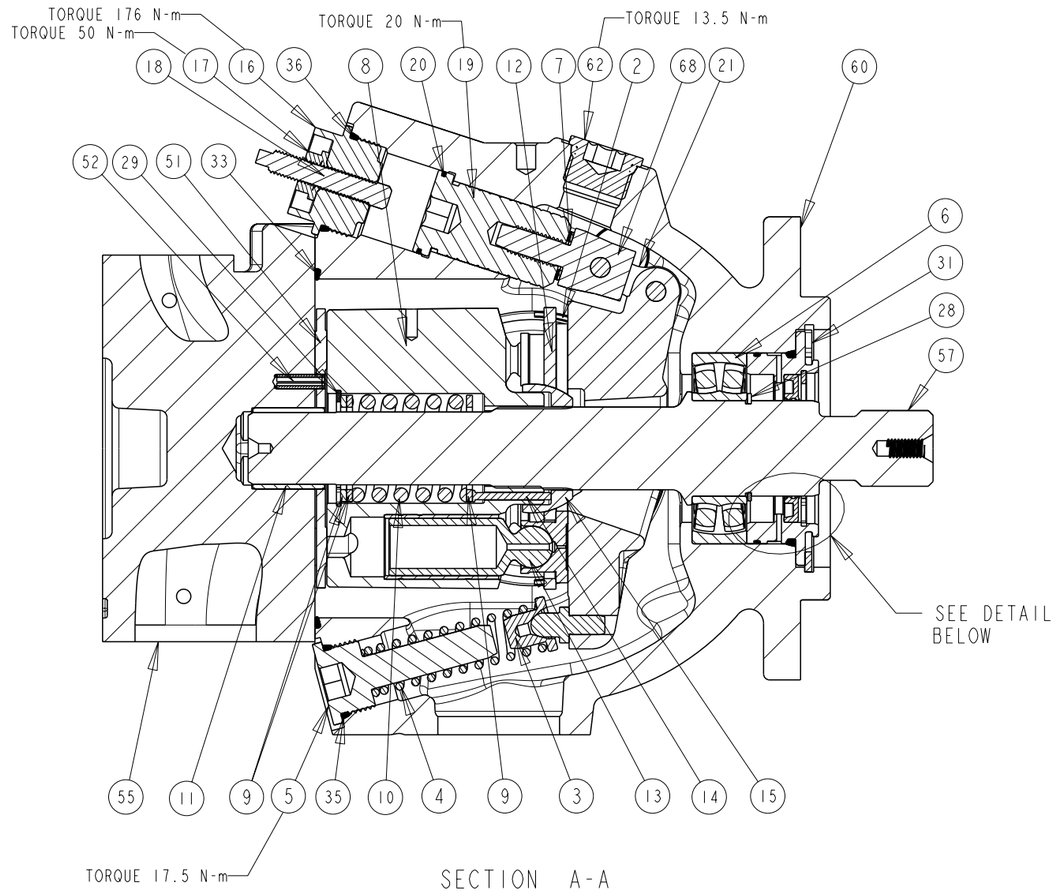


NOTES:
1 PUMP SHOWN IS A RIGHT HAND (CW) ROTATION PUMP. LEFT HAND (CCW) ROTATION PUMPS HAVE OUTLET GAUGE PORT REVERSED.

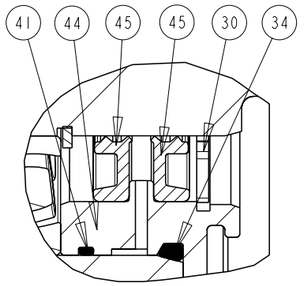
Parker Hannifin GmbH
Hydraulik Controls Division
Kaarst, Germany

Parker Hannifin Corporation
Hydraulic Pump/Motor Division
Greeneville, Tennessee

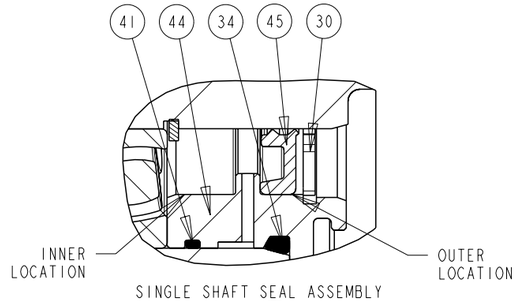
DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522



SECTION A-A
SCALE 2:5



DUAL SHAFT SEAL ASSEMBLY
P2-075-0210-02□
SECTION A-A
SCALE 1:1

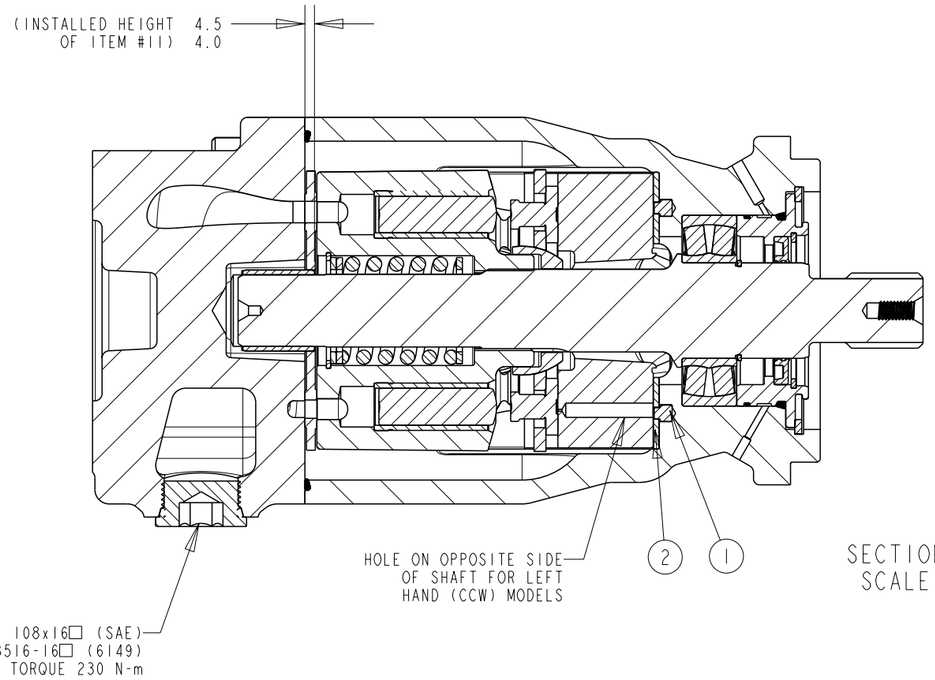


SINGLE SHAFT SEAL ASSEMBLY
P2-075-0210-01□
SECTION A-A
SCALE 1:1

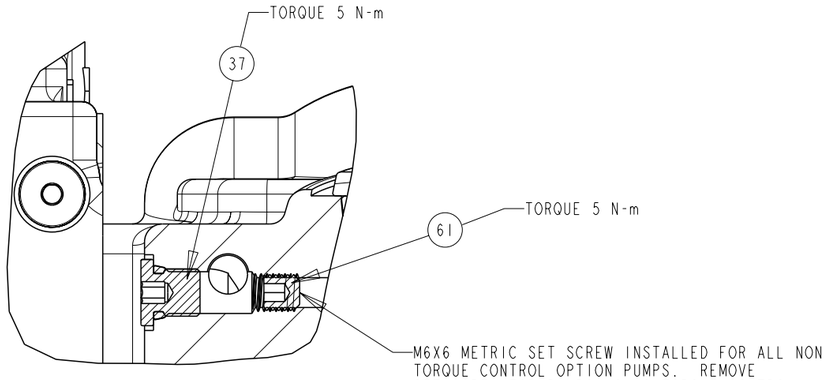
Parker Hannifin GmbH
Hydraulik Controls Division
Kaarst, Germany

Parker Hannifin Corporation
Hydraulic Pump/Motor Division
Greeneville, Tennessee

TITLE	DRAWING NUMBER	REVISION	STATUS	
SERICE PARTS P2075 DESIGN SERIES II	P2-075-0403	A	PR	SHEET 2 OF 7

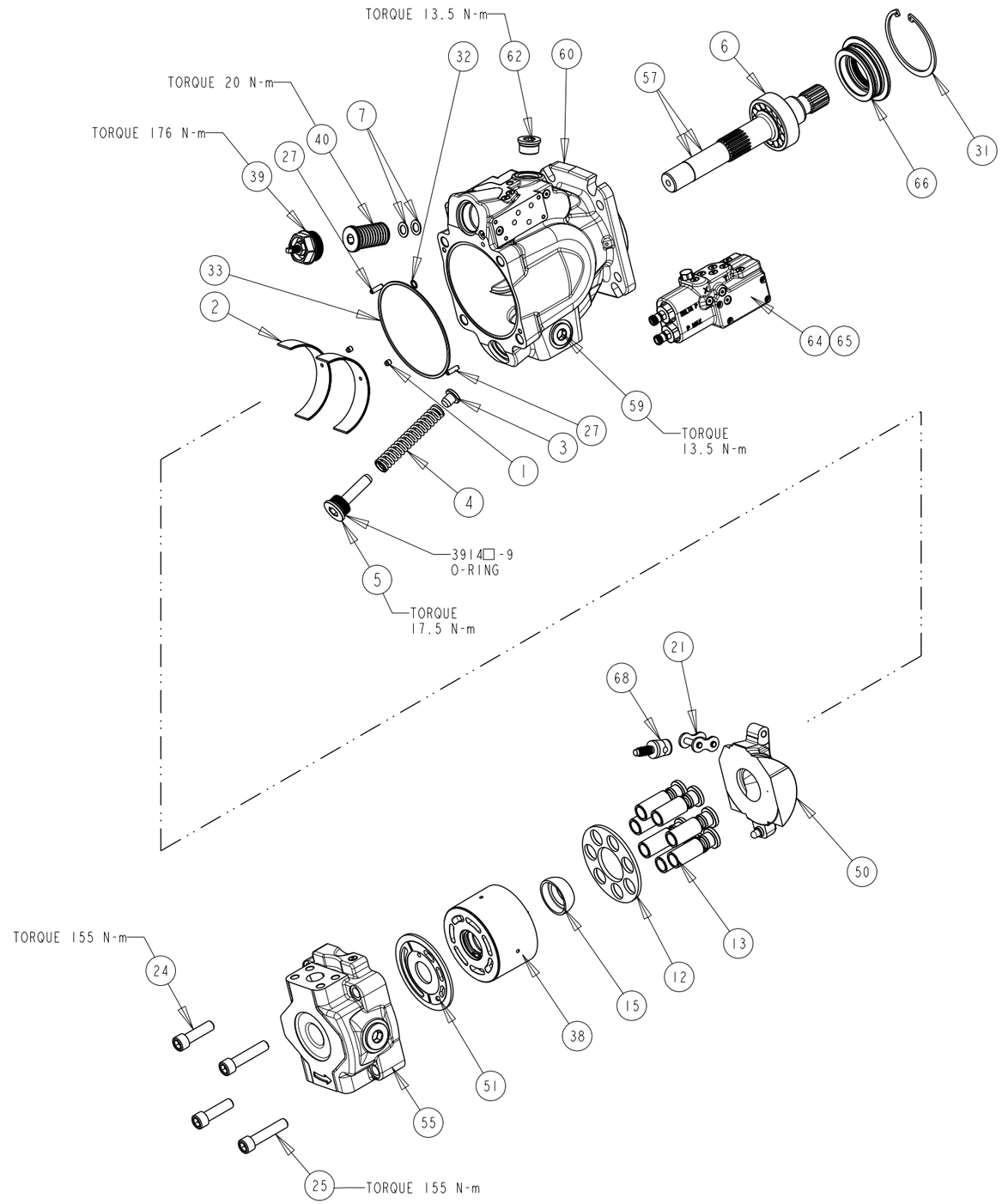


SECTION B-B
SCALE 2:5



SECTION C-C
SCALE 1:1

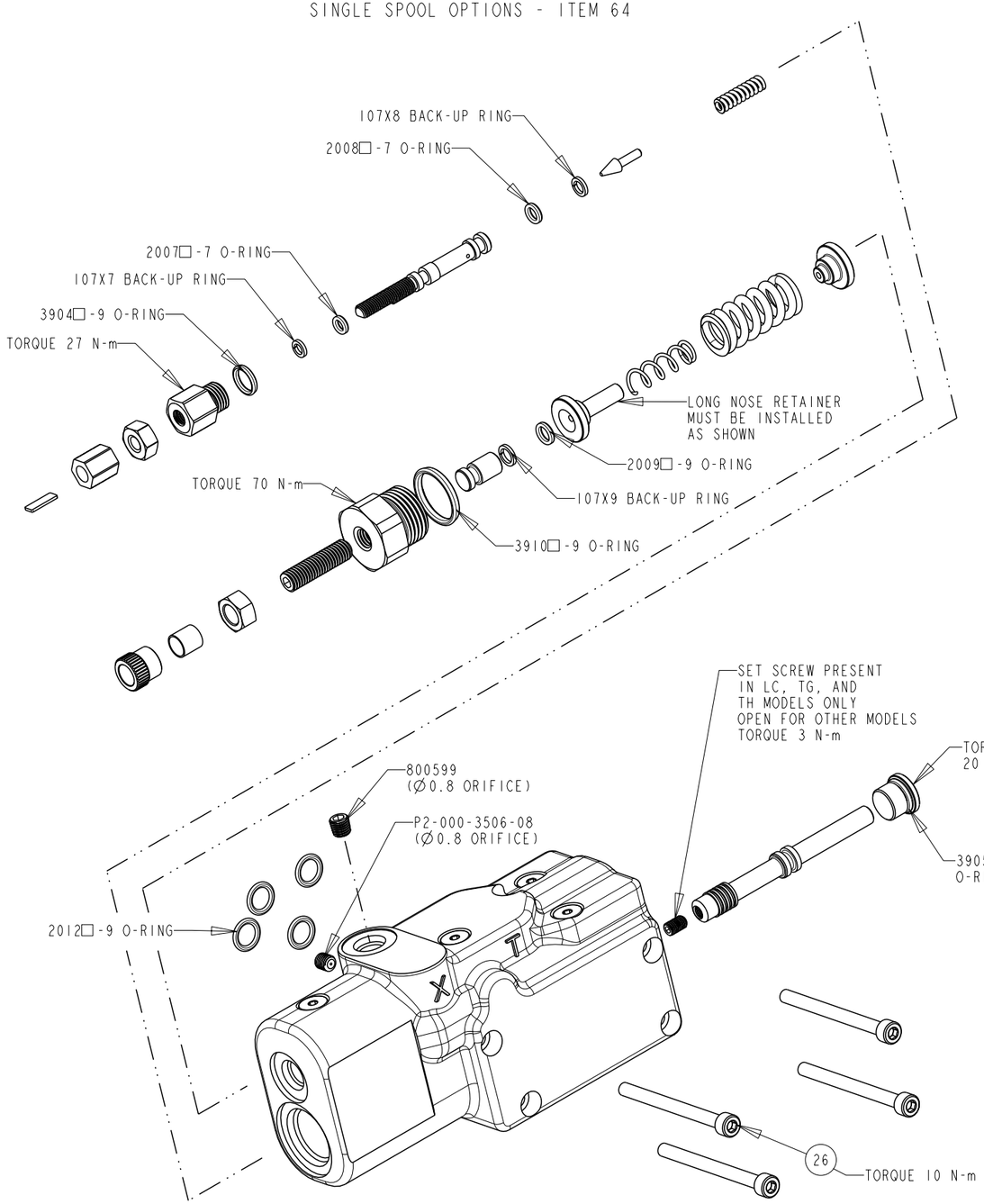
DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522



TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P2075 DESIGN SERIES II	P2-075-0403	A	PR	SHEET 3 OF 7

COMPENSATOR KITS

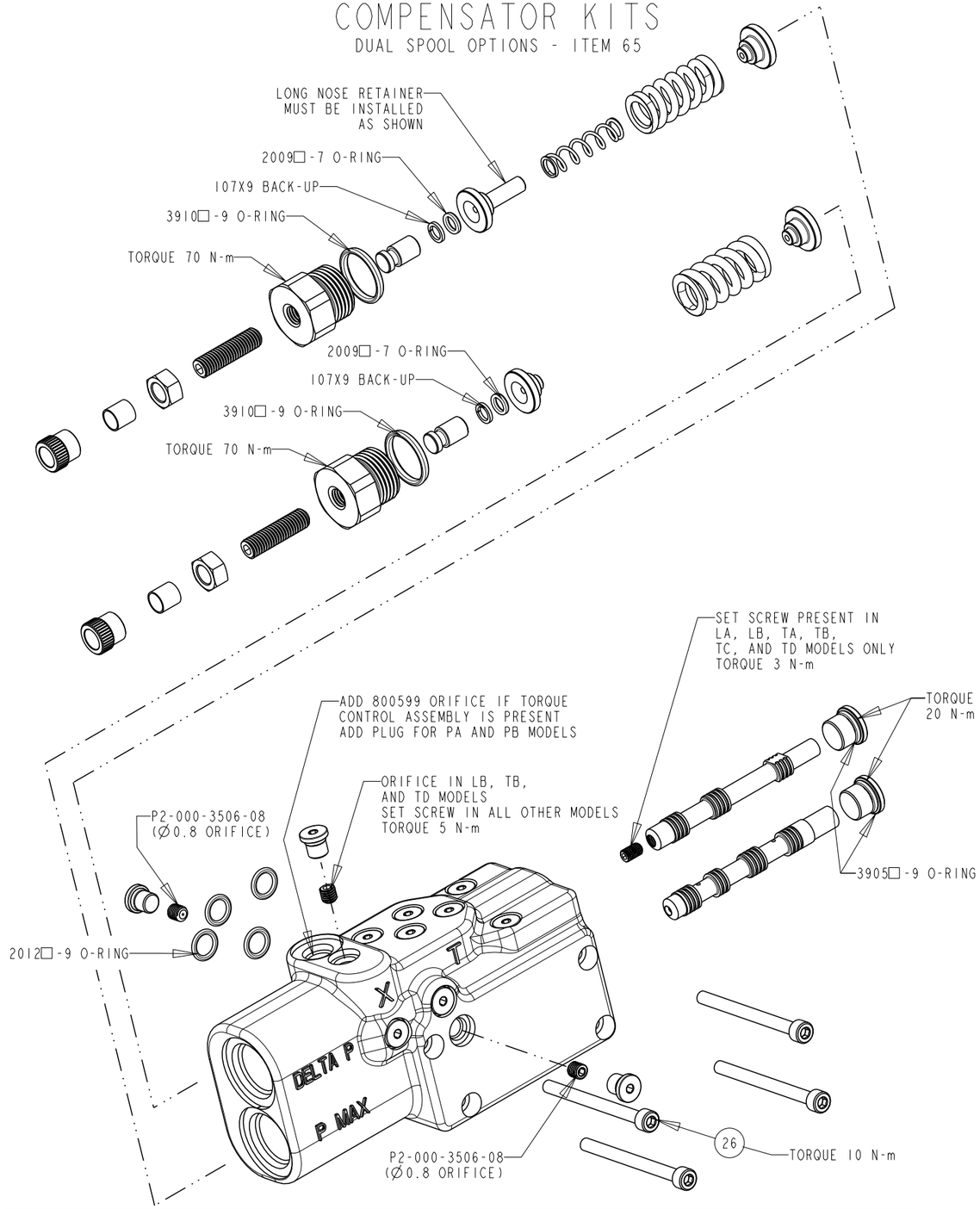
SINGLE SPOOL OPTIONS - ITEM 64



DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522

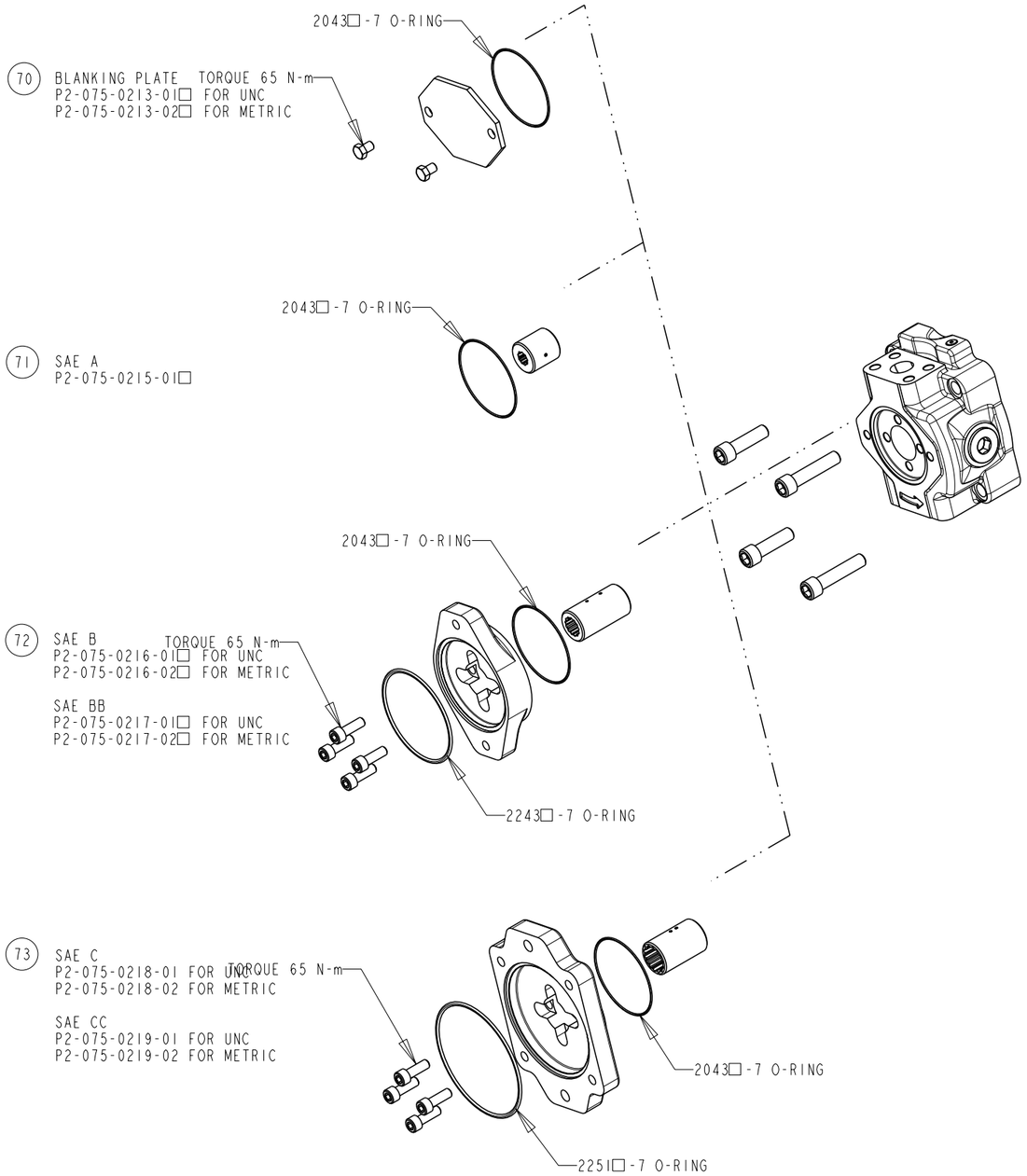
COMPENSATOR KITS

DUAL SPOOL OPTIONS - ITEM 65



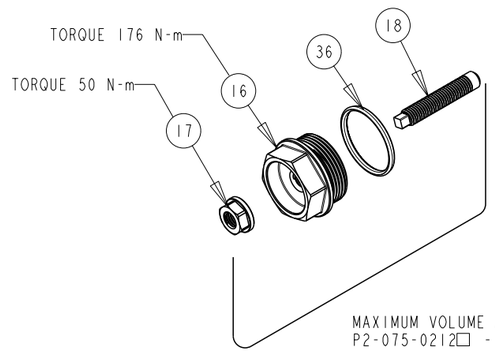
TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P2075 DESIGN SERIES II	P2-075-0403	A	PR	SHEET 4 OF 7

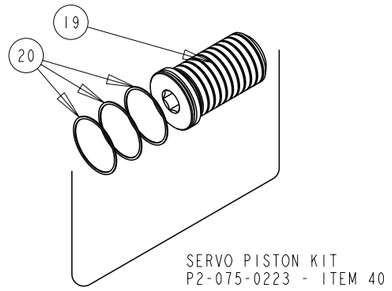
THRU DRIVE KITS



DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522

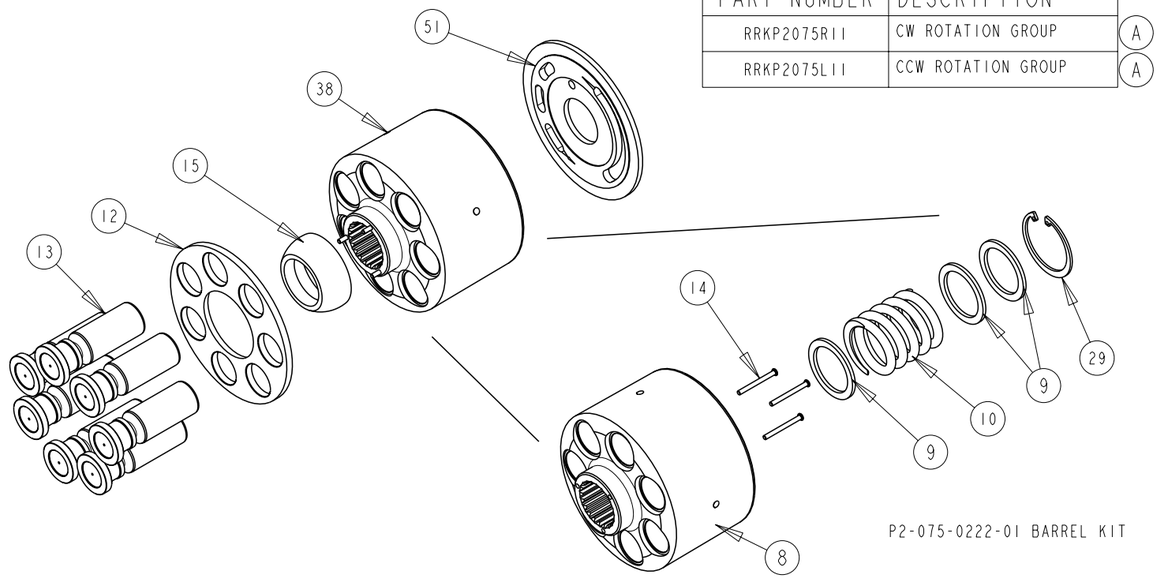
MAX VOLUME ASSEMBLY AND SERVO PISTON KIT





BARREL KIT AND ROTATION GROUP KIT

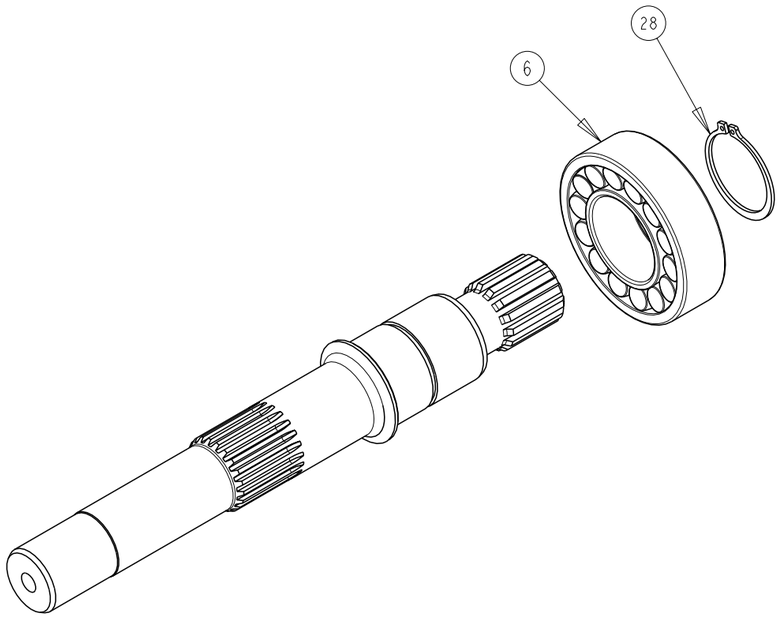
PART NUMBER	DESCRIPTION	
RRKP2075RII	CW ROTATION GROUP	A
RRKP2075LII	CCW ROTATION GROUP	A



TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P2075 DESIGN SERIES II	P2-075-0403	A	PR	SHEET 5 OF 7

SHAFT ASSEMBLY KITS

ITEM 57



SHAFT ASSEMBLY INCLUDES, SHAFT, BEARING, AND SNAP RING

SHAFT ONLY	SHAFT ASSEMBLY	DESCRIPTION
P2-075-3512	P2-075-0225-35	C SPLINE
P2-075-3525	P2-075-0225-36	C SPLINE THRU
P2-075-3526	P2-075-0225-37	CC SPLINE
P2-075-3527	P2-075-0225-38	CC SPLINE THRU
P2-075-3532	P2-075-0225-45	C KEY
P2-075-3533	P2-075-0225-46	C KEY THRU
P2-075-3534	P2-075-0225-47	CC KEY
P2-075-3535	P2-075-0225-48	CC KEY THRU
P2-075-3542	P2-075-0225-55	C SPLINE NO UNDERCUT
P2-075-3520	P2-075-0225-56	C SPLINE THRU NO UNDERCUT
P2-075-3543	P2-075-0225-57	CC SPLINE NO UNDERCUT
P2-075-3544	P2-075-0225-58	CC SPLINE THRU NO UNDERCUT

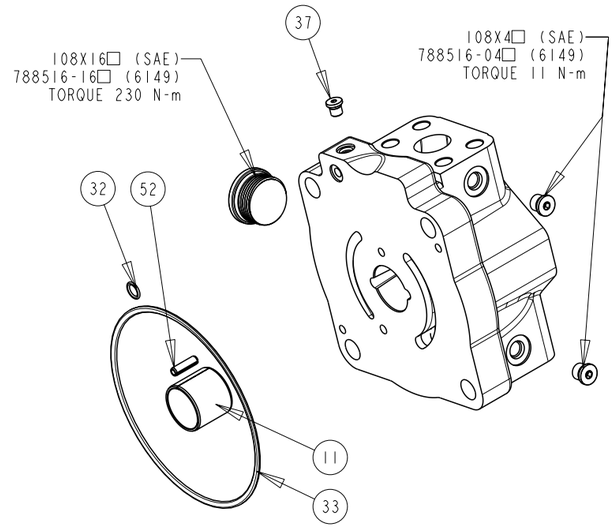
Parker Hannifin GmbH
Hydraulik Controls Division
Kaarst, Germany

Parker Hannifin Corporation
Hydraulic Pump/Motor Division
Greeneville, Tennessee

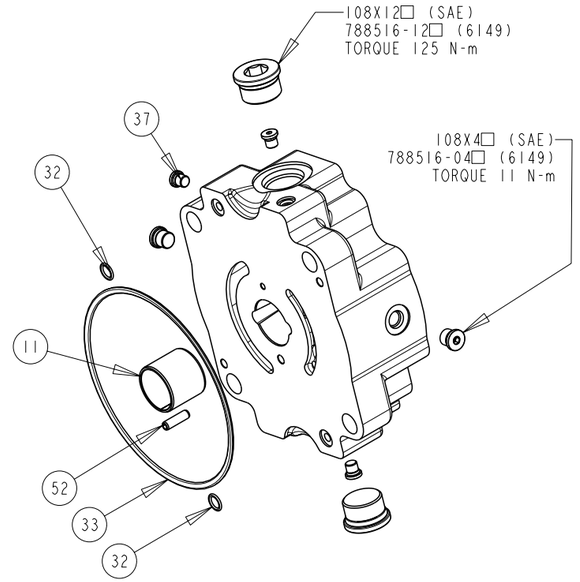
DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522

COVER ASSEMBLY KITS

ITEM 55



SIDE PORTED
COVER



REAR PORTED
COVER

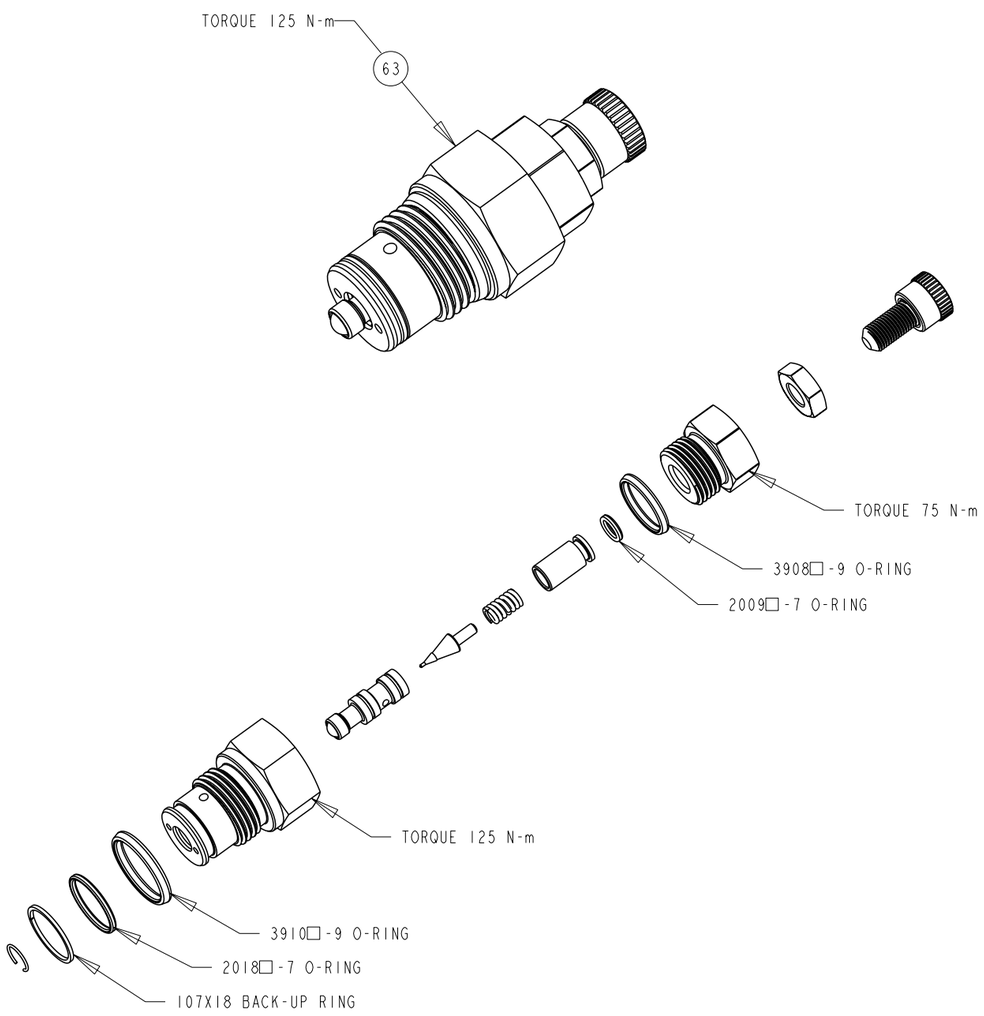
COVER ONLY	COVER ASSY	DESCRIPTION
P2-075-1013-01	P2-075-0226-01□	SIDE PORTED, CCW, UNC
P2-075-1013-02	P2-075-0226-02□	SIDE PORTED, CCW, UNC, THRU
P2-075-1013-03	P2-075-0226-03□	SIDE PORTED, CCW, METRIC
P2-075-1013-04	P2-075-0226-04□	SIDE PORTED , CCW, METRIC, THRU
P2-075-1014-01	P2-075-0226-05□	SIDE PORTED, CW, UNC
P2-075-1014-02	P2-075-0226-06□	SIDE PORTED, CW, UNC, THRU
P2-075-1014-03	P2-075-0226-07□	SIDE PORTED, CW, METRIC
P2-075-1014-04	P2-075-0226-08□	SIDE PORTED, CW, METRIC, THRU
P2-075-1017-01	P2-075-0226-17□	REAR PORTED, CW, UNC
P2-075-1017-02	P2-075-0226-18□	REAR PORTED, CW, METRIC
P2-075-1017-01	P2-075-0226-19□	REAR PORTED, CCW, UNC
P2-075-1017-02	P2-075-0226-20□	REAR PORTED, CCW, METRIC

Parker Hannifin GmbH
Hydraulik Controls Division
Kaarst, Germany

Parker Hannifin Corporation
Hydraulic Pump/Motor Division
Greeneville, Tennessee

TORQUE CONTROL CARTRIDGE

P2-000-0803 - ITEM 63



ASSEMBLY, DIS-ASSEMBLY AND REPAIR NOTES

DISASSEMBLY STEPS FOR ENTIRE PUMP

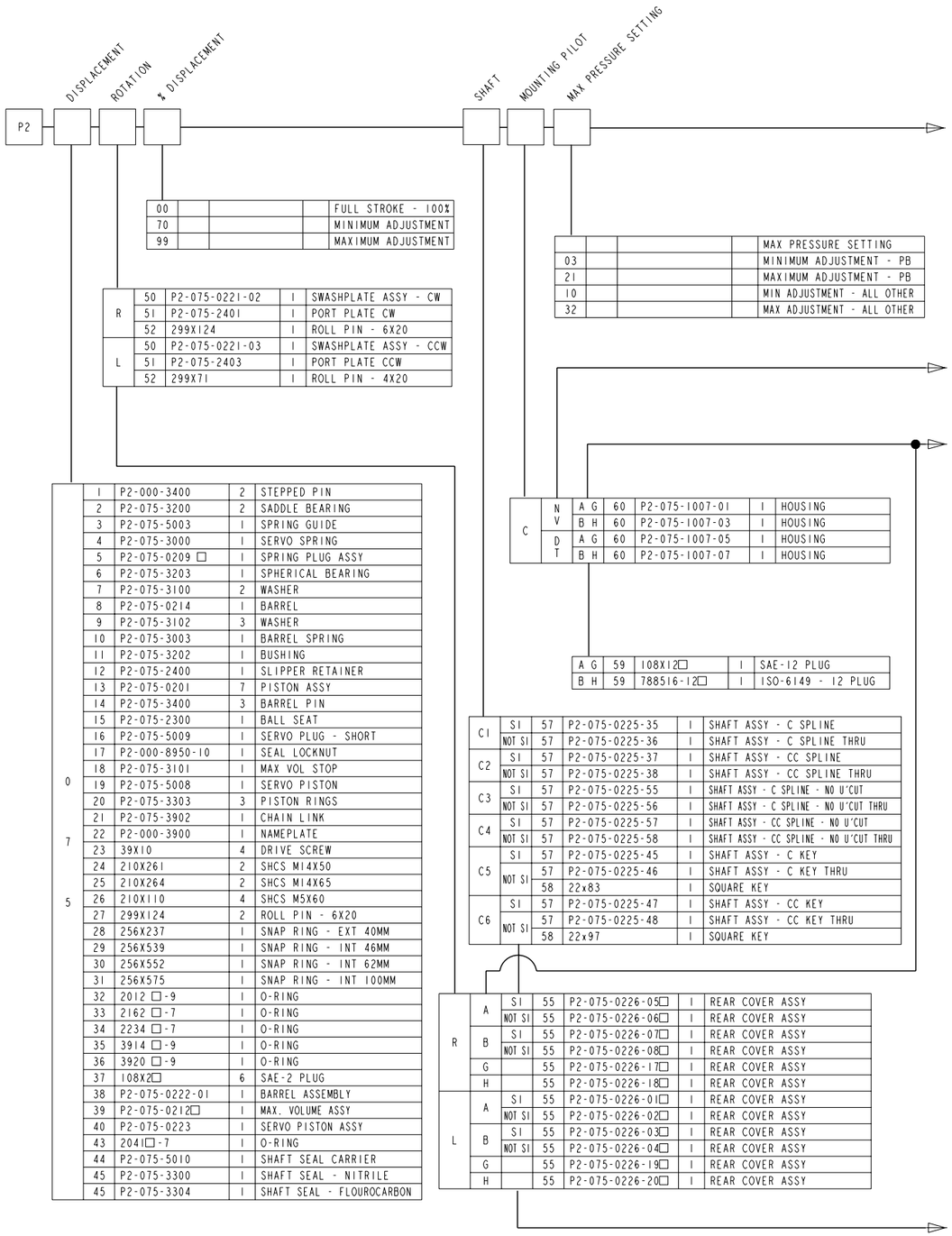
1. REMOVE COVER SCREWS AND COVER
2. REMOVE ROTATING GROUP
3. REMOVE SHAFT SEAL CARRIER
4. REMOVE SHAFT
5. REMOVE BIAS SPRING PLUG, SPRING AND RETAINER
6. REMOVE MAX. VOLUME ASSY
7. REMOVE SERVO PISTON ASSY.
   NOTE NUMBER OF SPACING WASHERS (ITEM #7) BETWEEN SERVO PISTON AND LINK PISTON. RE-ASSEMBLY WITH SAME AMOUNT.
8. REMOVE SWASHPLATE ASSEMBLY

SHAFT SEAL REPLACEMENT

1. REMOVE SEAL CARRIER ONLY
2. REMOVE OLD SEAL
3. INSPECT SHAFT
4. IF SHAFT IS WORN INSTALL NEW SEAL IN INNER LOCATION FOR SINGLE SEAL APPLICATIONS (SEE SHEET 1). REPLACE SHAFT FOR DUAL SEAL APPLICATIONS

TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P2075 DESIGN SERIES II	P2-075-0403	A	PR	SHEET 7 OF 7

DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522



00				FULL STROKE - 100%
70				MINIMUM ADJUSTMENT
99				MAXIMUM ADJUSTMENT

				MAX PRESSURE SETTING
03				MINIMUM ADJUSTMENT - PB
21				MAXIMUM ADJUSTMENT - PB
10				MIN ADJUSTMENT - ALL OTHER
32				MAX ADJUSTMENT - ALL OTHER

R	50	P2-075-0221-02	I	SWASHPLATE ASSY - CW
	51	P2-075-2401	I	PORT PLATE CW
	52	299X124	I	ROLL PIN - 6X20
L	50	P2-075-0221-03	I	SWASHPLATE ASSY - CCW
	51	P2-075-2403	I	PORT PLATE CCW
	52	299X71	I	ROLL PIN - 4X20

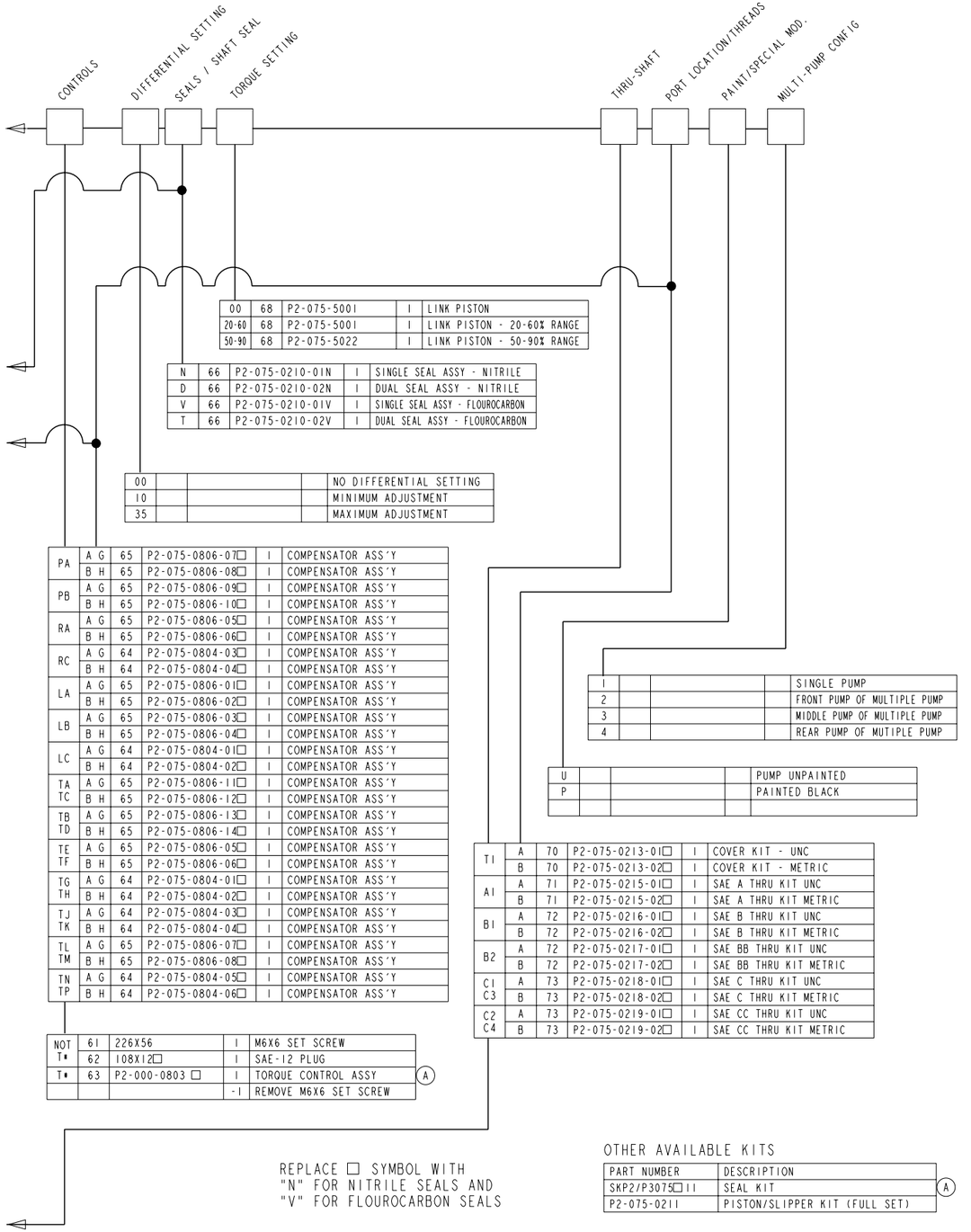
0	1	P2-000-3400	2	STEPPED PIN
	2	P2-075-3200	2	SADDLE BEARING
	3	P2-075-5003	1	SPRING GUIDE
	4	P2-075-3000	1	SERVO SPRING
	5	P2-075-0209 □	1	SPRING PLUG ASSY
	6	P2-075-3203	1	SPHERICAL BEARING
	7	P2-075-3100	2	WASHER
	8	P2-075-0214	1	BARREL
	9	P2-075-3102	3	WASHER
	10	P2-075-3003	1	BARREL SPRING
	11	P2-075-3202	1	BUSHING
	12	P2-075-2400	1	SLIPPER RETAINER
	13	P2-075-0201	7	PISTON ASSY
	14	P2-075-3400	3	BARREL PIN
	15	P2-075-2300	1	BALL SEAT
	16	P2-075-5009	1	SERVO PLUG - SHORT
7	17	P2-000-8950-10	1	SEAL LOCKNUT
	18	P2-075-3101	1	MAX VOL STOP
	19	P2-075-5008	1	SERVO PISTON
	20	P2-075-3303	3	PISTON RINGS
	21	P2-075-3902	1	CHAIN LINK
	22	P2-000-3900	1	NAMEPLATE
	23	39X10	4	DRIVE SCREW
	24	210X261	2	SHCS M14X50
	25	210X264	2	SHCS M14X65
5	26	210X110	4	SHCS M5X60
	27	299X124	2	ROLL PIN - 6X20
	28	256X237	1	SNAP RING - EXT 40MM
	29	256X539	1	SNAP RING - INT 46MM
	30	256X552	1	SNAP RING - INT 62MM
	31	256X575	1	SNAP RING - INT 100MM
	32	2012 □-9	1	O-RING
	33	2162 □-7	1	O-RING
	34	2234 □-7	1	O-RING
	35	3914 □-9	1	O-RING
	36	3920 □-9	1	O-RING
	37	108X2□	6	SAE-2 PLUG
	38	P2-075-0222-01	1	BARREL ASSEMBLY
	39	P2-075-0212□	1	MAX. VOLUME ASSY
	40	P2-075-0223	1	SERVO PISTON ASSY
	43	2041□-7	1	O-RING
	44	P2-075-5010	1	SHAFT SEAL CARRIER
	45	P2-075-3300	1	SHAFT SEAL - NITRILE
	45	P2-075-3304	1	SHAFT SEAL - FLOUROCARBON

C	N V	A G	60	P2-075-1007-01	I	HOUSING
		B H	60	P2-075-1007-03	I	HOUSING
	D T	A G	60	P2-075-1007-05	I	HOUSING
		B H	60	P2-075-1007-07	I	HOUSING

A G	59	108X12□	I	SAE-12 PLUG
B H	59	788516-12□	I	ISO-6149 - 12 PLUG

C1	S1	57	P2-075-0225-35	I	SHAFT ASSY - C SPLINE
	NOT S1	57	P2-075-0225-36	I	SHAFT ASSY - C SPLINE THRU
C2	S1	57	P2-075-0225-37	I	SHAFT ASSY - CC SPLINE
	NOT S1	57	P2-075-0225-38	I	SHAFT ASSY - CC SPLINE THRU
C3	S1	57	P2-075-0225-55	I	SHAFT ASSY - C SPLINE - NO U'CUT
	NOT S1	57	P2-075-0225-56	I	SHAFT ASSY - C SPLINE - NO U'CUT THRU
C4	S1	57	P2-075-0225-57	I	SHAFT ASSY - CC SPLINE - NO U'CUT
	NOT S1	57	P2-075-0225-58	I	SHAFT ASSY - CC SPLINE - NO U'CUT THRU
C5	S1	57	P2-075-0225-45	I	SHAFT ASSY - C KEY
	NOT S1	57	P2-075-0225-46	I	SHAFT ASSY - C KEY THRU
		58	22x83	I	SQUARE KEY
C6	S1	57	P2-075-0225-47	I	SHAFT ASSY - CC KEY
	NOT S1	57	P2-075-0225-48	I	SHAFT ASSY - CC KEY THRU
		58	22x97	I	SQUARE KEY

R	A	S1	55	P2-075-0226-05□	I	REAR COVER ASSY
		NOT S1	55	P2-075-0226-06□	I	REAR COVER ASSY
	B	S1	55	P2-075-0226-07□	I	REAR COVER ASSY
		NOT S1	55	P2-075-0226-08□	I	REAR COVER ASSY
	G		55	P2-075-0226-17□	I	REAR COVER ASSY
	H		55	P2-075-0226-18□	I	REAR COVER ASSY
L	A	S1	55	P2-075-0226-01□	I	REAR COVER ASSY
		NOT S1	55	P2-075-0226-02□	I	REAR COVER ASSY
	B	S1	55	P2-075-0226-03□	I	REAR COVER ASSY
		NOT S1	55	P2-075-0226-04□	I	REAR COVER ASSY
	G		55	P2-075-0226-19□	I	REAR COVER ASSY
	H		55	P2-075-0226-20□	I	REAR COVER ASSY



00	68	P2-075-5001	I	LINK PISTON
20-60	68	P2-075-5001	I	LINK PISTON - 20-60% RANGE
50-90	68	P2-075-5022	I	LINK PISTON - 50-90% RANGE

N	66	P2-075-0210-01N	I	SINGLE SEAL ASSY - NITRILE
D	66	P2-075-0210-02N	I	DUAL SEAL ASSY - NITRILE
V	66	P2-075-0210-01V	I	SINGLE SEAL ASSY - FLOUROCARBON
T	66	P2-075-0210-02V	I	DUAL SEAL ASSY - FLOUROCARBON

00				NO DIFFERENTIAL SETTING
10				MINIMUM ADJUSTMENT
35				MAXIMUM ADJUSTMENT

PA	A G	65	P2-075-0806-07□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-08□	I	COMPENSATOR ASS'Y
PB	A G	65	P2-075-0806-09□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-10□	I	COMPENSATOR ASS'Y
RA	A G	65	P2-075-0806-05□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-06□	I	COMPENSATOR ASS'Y
RC	A G	64	P2-075-0804-03□	I	COMPENSATOR ASS'Y
	B H	64	P2-075-0804-04□	I	COMPENSATOR ASS'Y
LA	A G	65	P2-075-0806-01□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-02□	I	COMPENSATOR ASS'Y
LB	A G	65	P2-075-0806-03□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-04□	I	COMPENSATOR ASS'Y
LC	A G	64	P2-075-0804-01□	I	COMPENSATOR ASS'Y
	B H	64	P2-075-0804-02□	I	COMPENSATOR ASS'Y
TA TC	A G	65	P2-075-0806-11□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-12□	I	COMPENSATOR ASS'Y
TB TD	A G	65	P2-075-0806-13□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-14□	I	COMPENSATOR ASS'Y
TE TF	A G	65	P2-075-0806-05□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-06□	I	COMPENSATOR ASS'Y
TG TH	A G	64	P2-075-0804-01□	I	COMPENSATOR ASS'Y
	B H	64	P2-075-0804-02□	I	COMPENSATOR ASS'Y
TJ TK	A G	64	P2-075-0804-03□	I	COMPENSATOR ASS'Y
	B H	64	P2-075-0804-04□	I	COMPENSATOR ASS'Y
TL TM	A G	65	P2-075-0806-07□	I	COMPENSATOR ASS'Y
	B H	65	P2-075-0806-08□	I	COMPENSATOR ASS'Y
TN TP	A G	64	P2-075-0804-05□	I	COMPENSATOR ASS'Y
	B H	64	P2-075-0804-06□	I	COMPENSATOR ASS'Y

NOT T*	61	226X56	I	M6X6 SET SCREW	
	62	108X12□	I	SAE-12 PLUG	
T*	63	P2-000-0803 □	I	TORQUE CONTROL ASSY	(A)
			-1	REMOVE M6X6 SET SCREW	

1			SINGLE PUMP
2			FRONT PUMP OF MULTIPLE PUMP
3			MIDDLE PUMP OF MULTIPLE PUMP
4			REAR PUMP OF MUTIPLE PUMP

U			PUMP UNPAINTED
P			PAINTED BLACK

T1	A	70	P2-075-0213-01□	I	COVER KIT - UNC
	B	70	P2-075-0213-02□	I	COVER KIT - METRIC
A1	A	71	P2-075-0215-01□	I	SAE A THRU KIT UNC
	B	71	P2-075-0215-02□	I	SAE A THRU KIT METRIC
B1	A	72	P2-075-0216-01□	I	SAE B THRU KIT UNC
	B	72	P2-075-0216-02□	I	SAE B THRU KIT METRIC
B2	A	72	P2-075-0217-01□	I	SAE BB THRU KIT UNC
	B	72	P2-075-0217-02□	I	SAE BB THRU KIT METRIC
C1 C3	A	73	P2-075-0218-01□	I	SAE C THRU KIT UNC
	B	73	P2-075-0218-02□	I	SAE C THRU KIT METRIC
C2 C4	A	73	P2-075-0219-01□	I	SAE CC THRU KIT UNC
	B	73	P2-075-0219-02□	I	SAE CC THRU KIT METRIC

REPLACE □ SYMBOL WITH
"N" FOR NITRILE SEALS AND
"V" FOR FLOUROCARBON SEALS

OTHER AVAILABLE KITS

PART NUMBER	DESCRIPTION	
SKP2/P3075□11	SEAL KIT	(A)
P2-075-0211	PISTON/SLIPPER KIT (FULL SET)	

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Hydraulic Pump/Motor Division
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