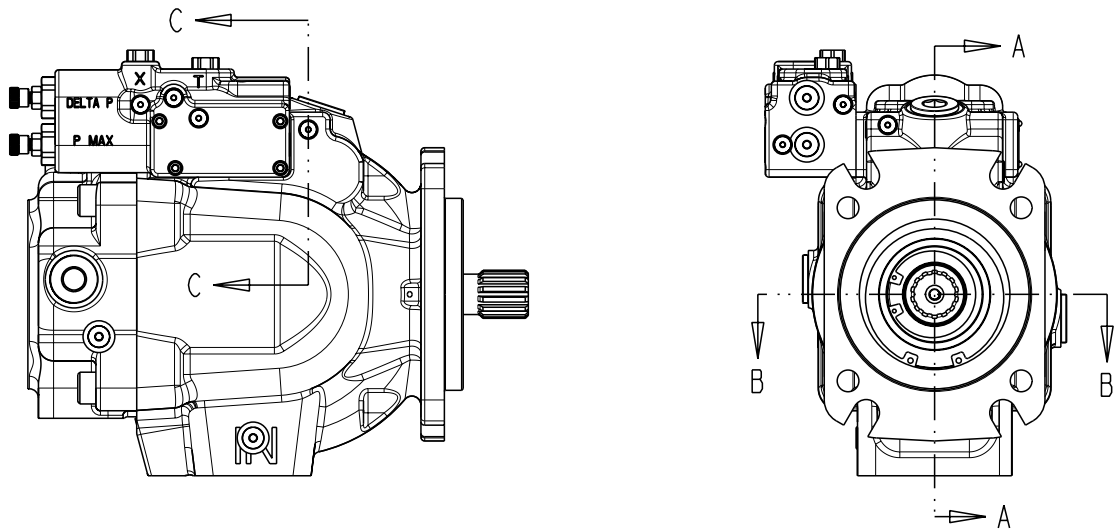
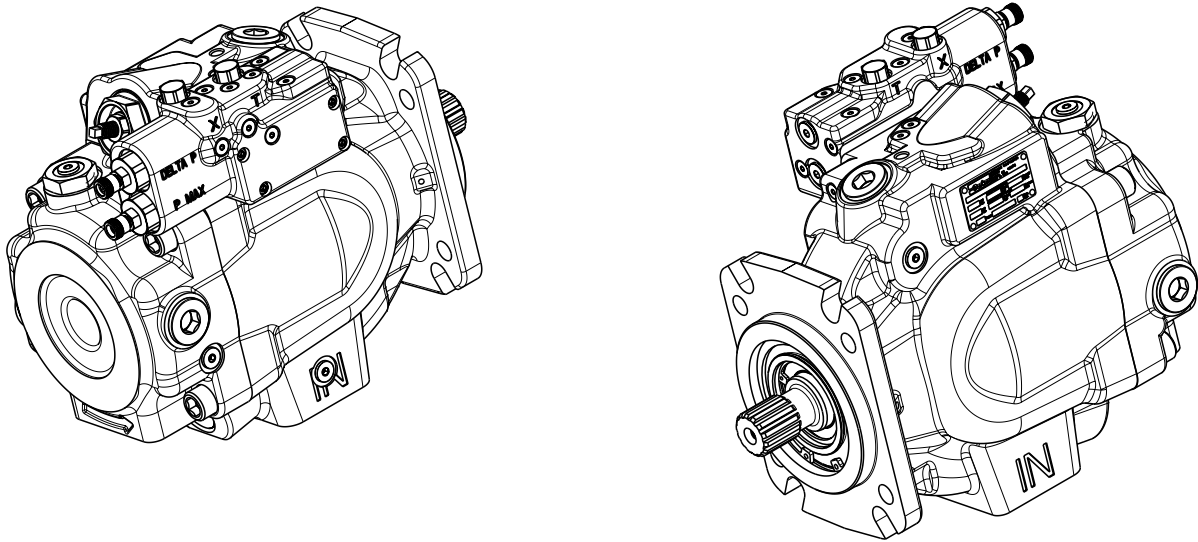


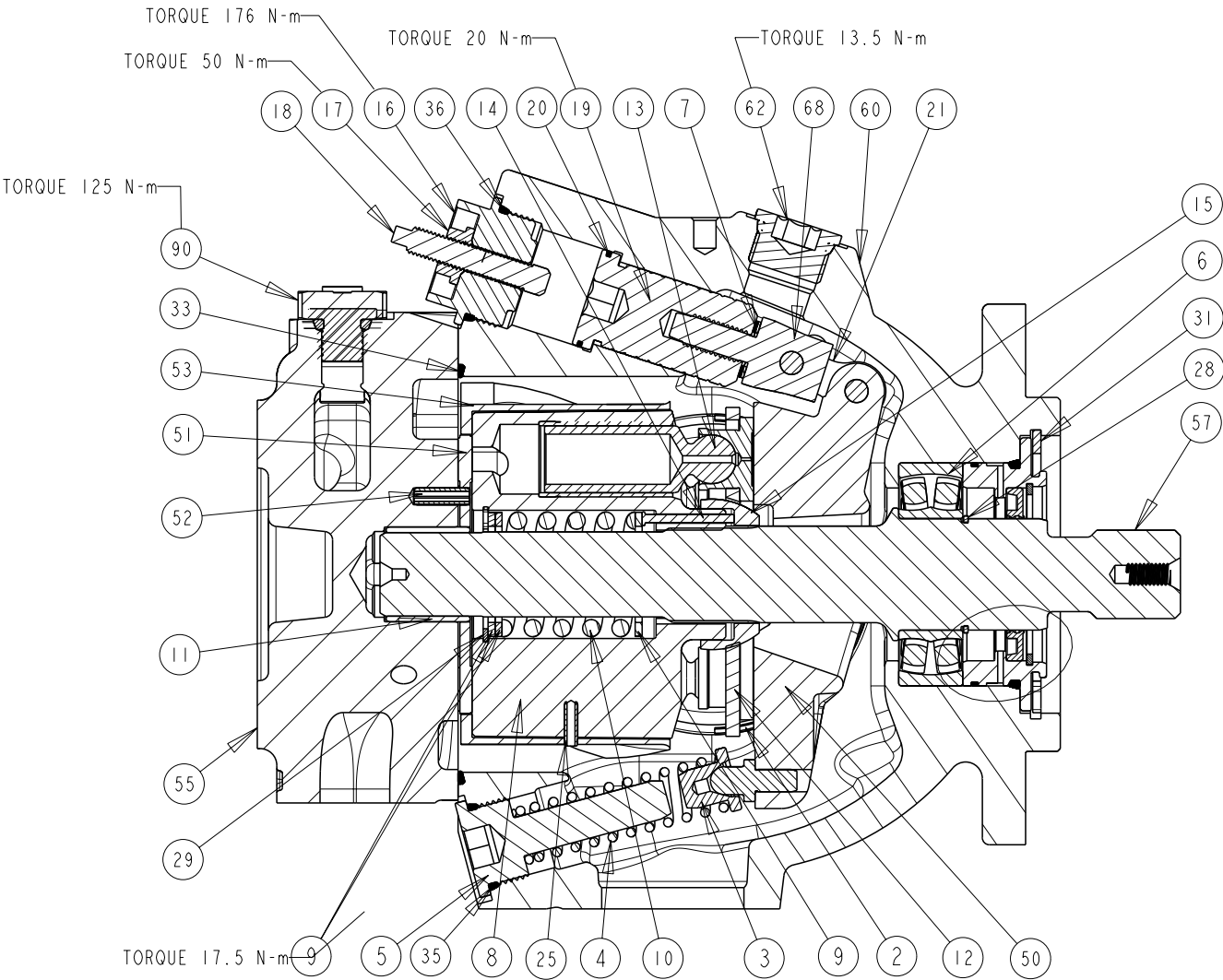
TITLE	DRAWING NUMBER	REVISION	STATUS	SHEET
SERVICE PARTS P3075 DESIGN SERIES II	P2-075-0404	A	PR	1 OF 7



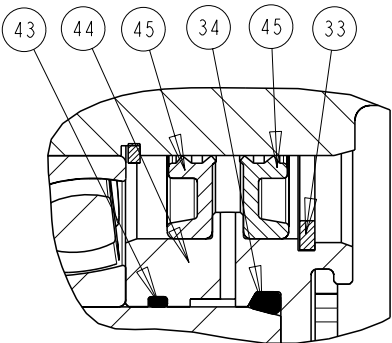
NOTES:
1 PUMP SHOWN IS A RIGHT HANDED (CW) ROTATION PUMP. LEFT HAND (CCW) ROTATION PUMPS HAVE OUTLET GAUGE PORT REVERSED.



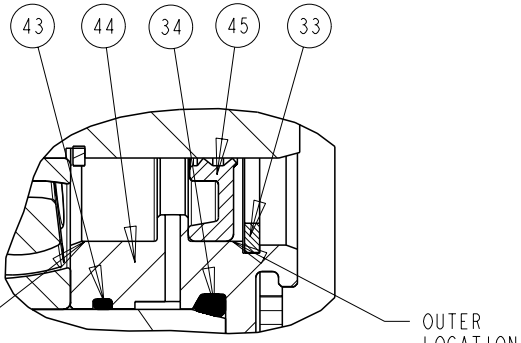
DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522



SECTION A-A
SCALE 2:5



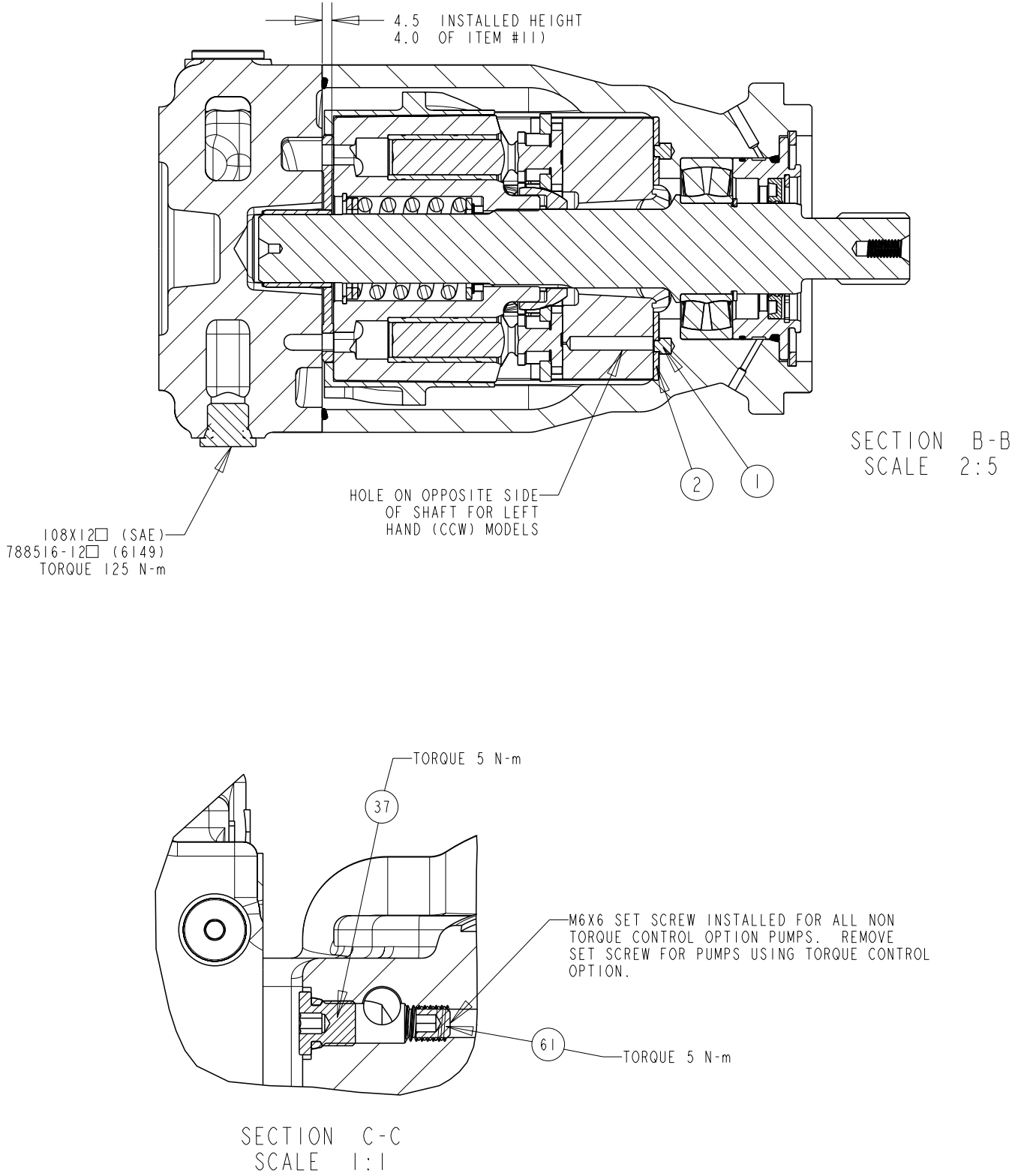
DUAL SHAFT SEAL ASSEMBLY
P2-075-0210-02□
SECTION A-A
SCALE 1:1



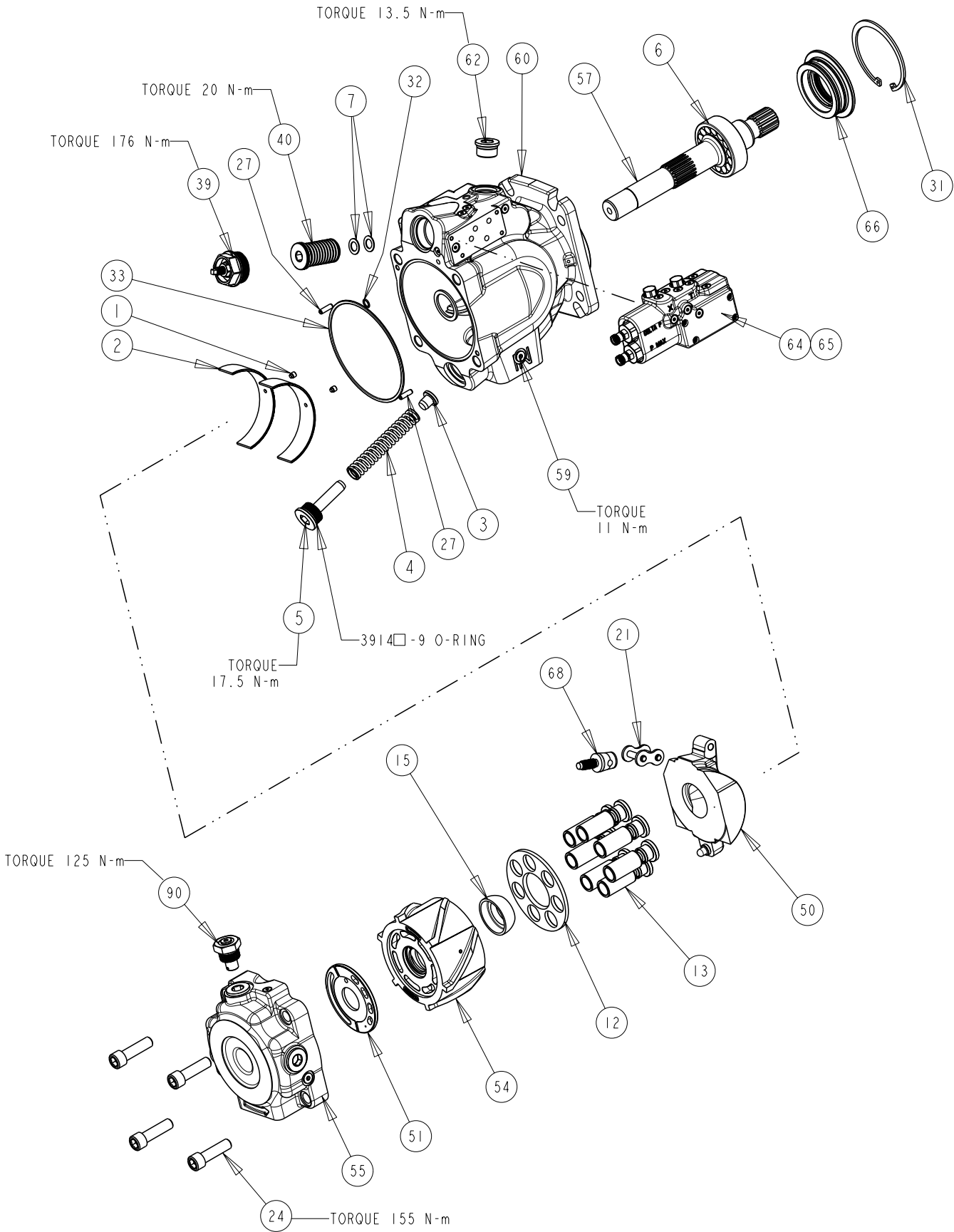
SINGLE SHAFT SEAL ASSEMBLY
P2-075-0210-01□
SECTION A-A
SCALE 1:1



TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P3075 DESIGN SERIES II	P2-075-0404	A	PR	SHEET 2 OF 7

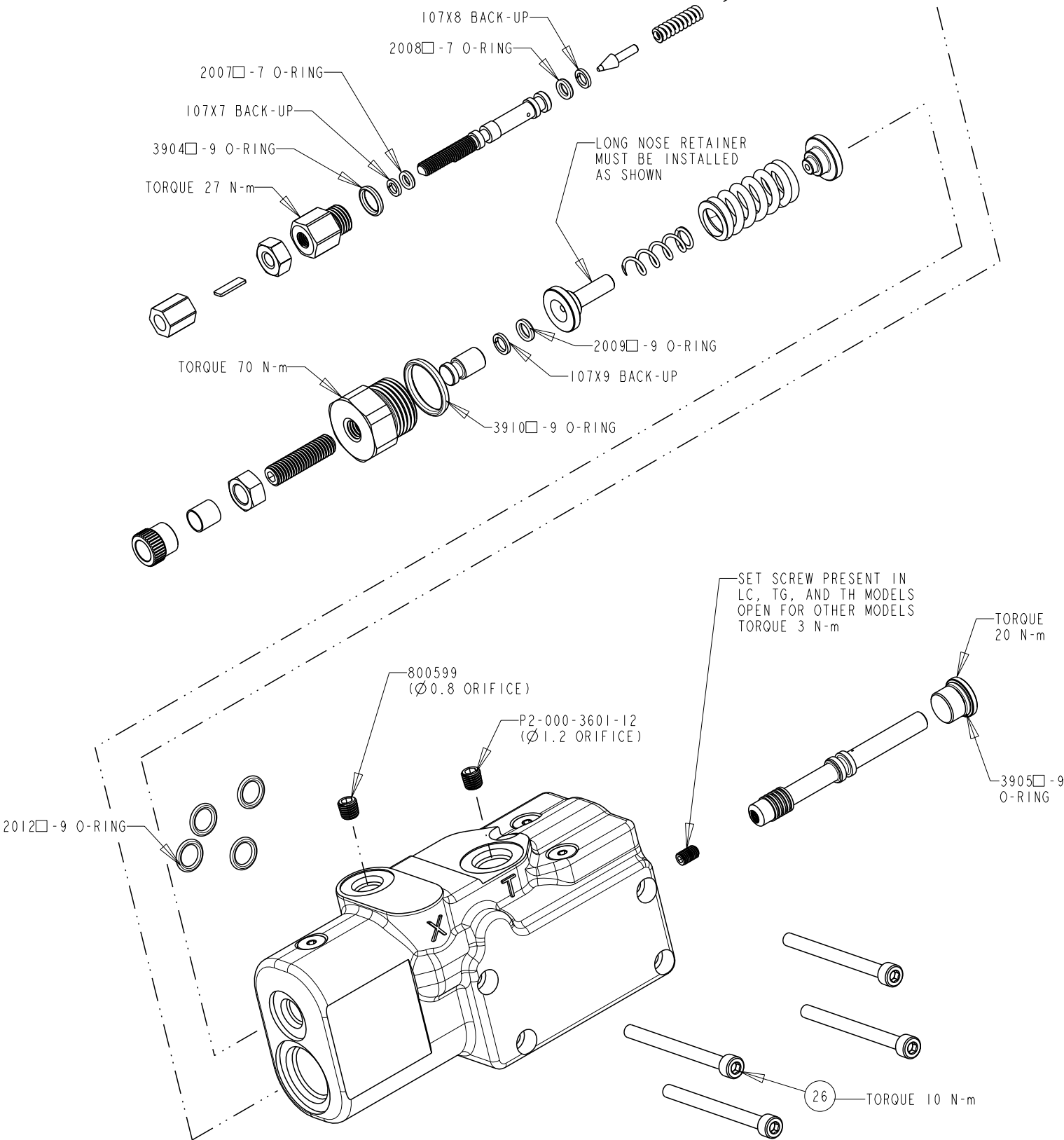


DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522



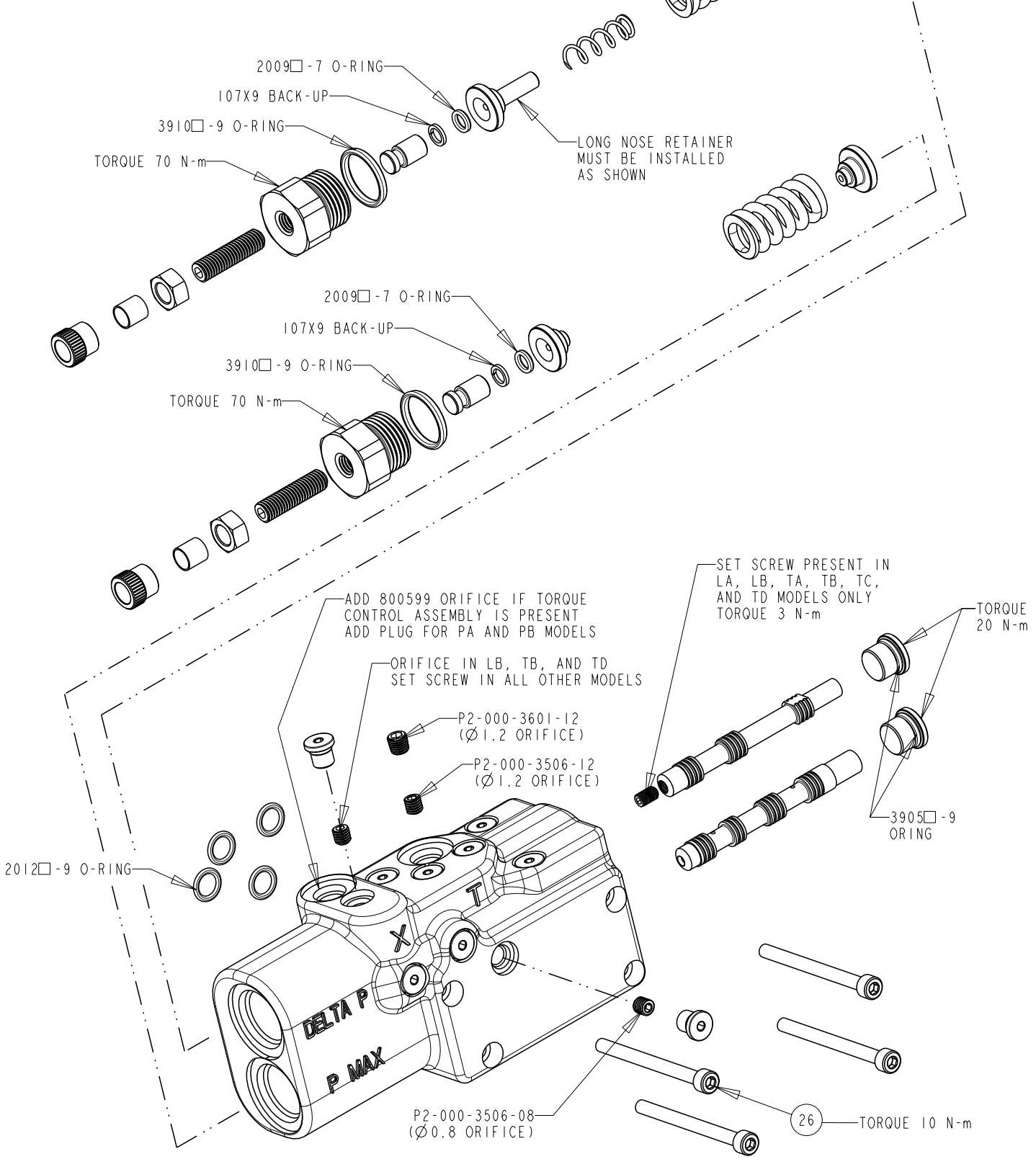
TITLE	DRAWING NUMBER	REVISION	STATUS	SHEET
SERVICE PARTS P3075 DESIGN SERIES II	P2-075-0404	A	PR	3 OF 7

COMPENSATOR KITS SINGLE SPOOL OPTIONS - ITEM 64

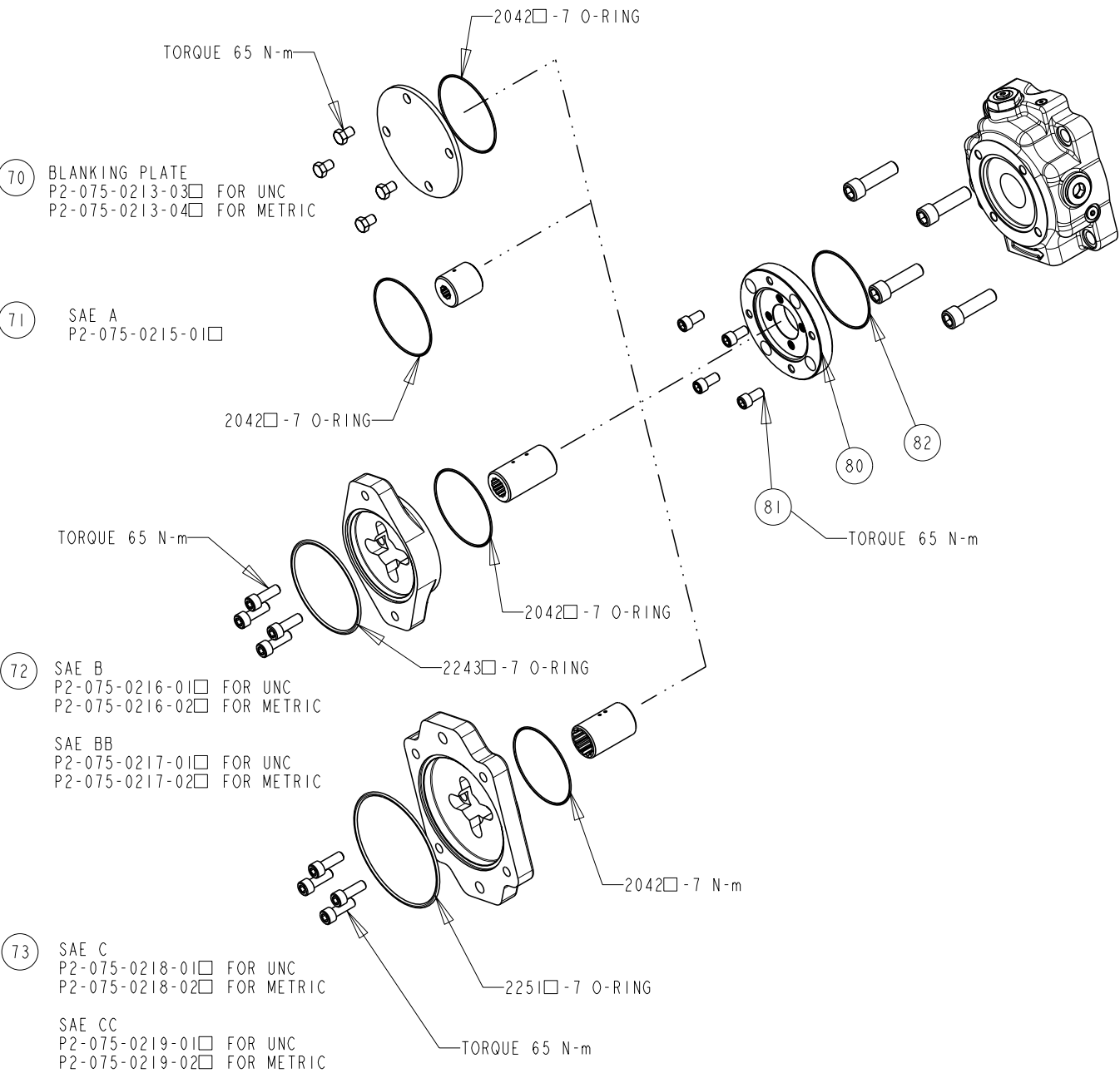


DRAWN BY	DATE	CHANGED BY	DATE	ECN NUMBER
E. BOONE	15APR02	B. LARKIN	20MAY02	133522

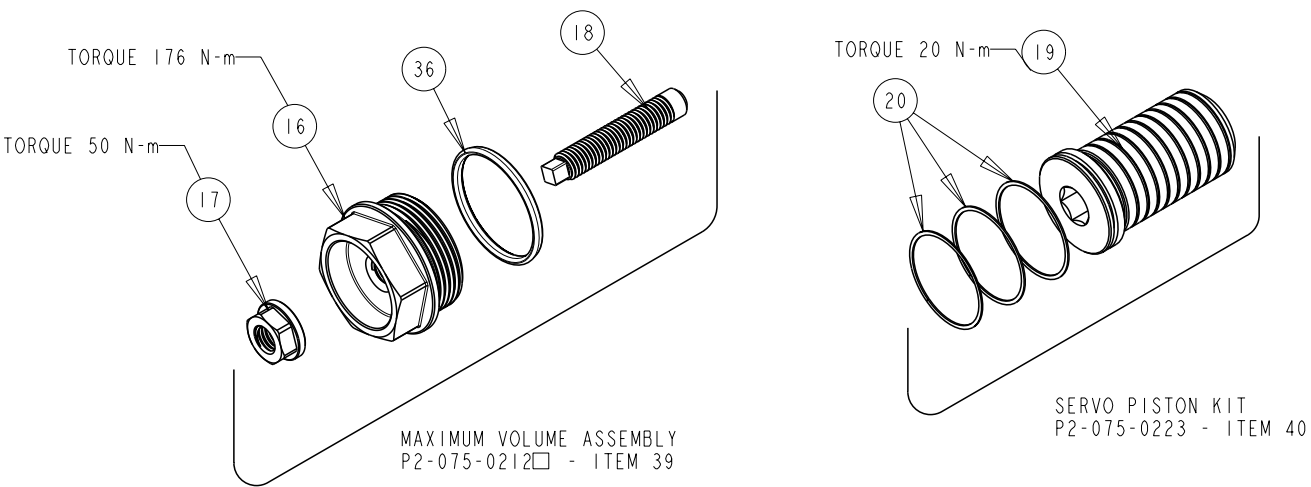
COMPENSATOR KITS DUAL SPOOL OPTIONS - ITEM 65



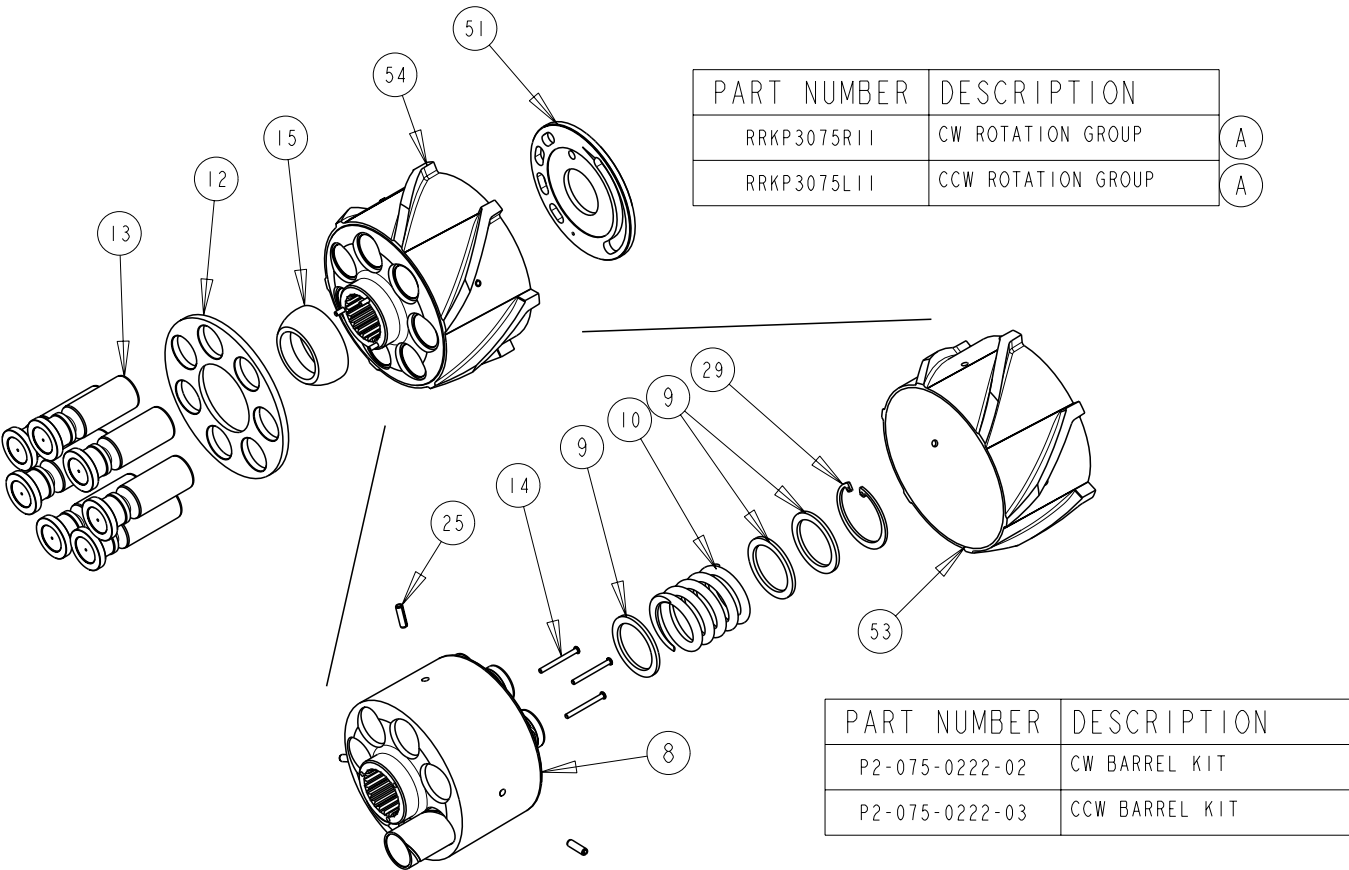
THRU SHAFT KITS



MAX VOLUME ASSEMBLY AND
SERVO PISTON KIT

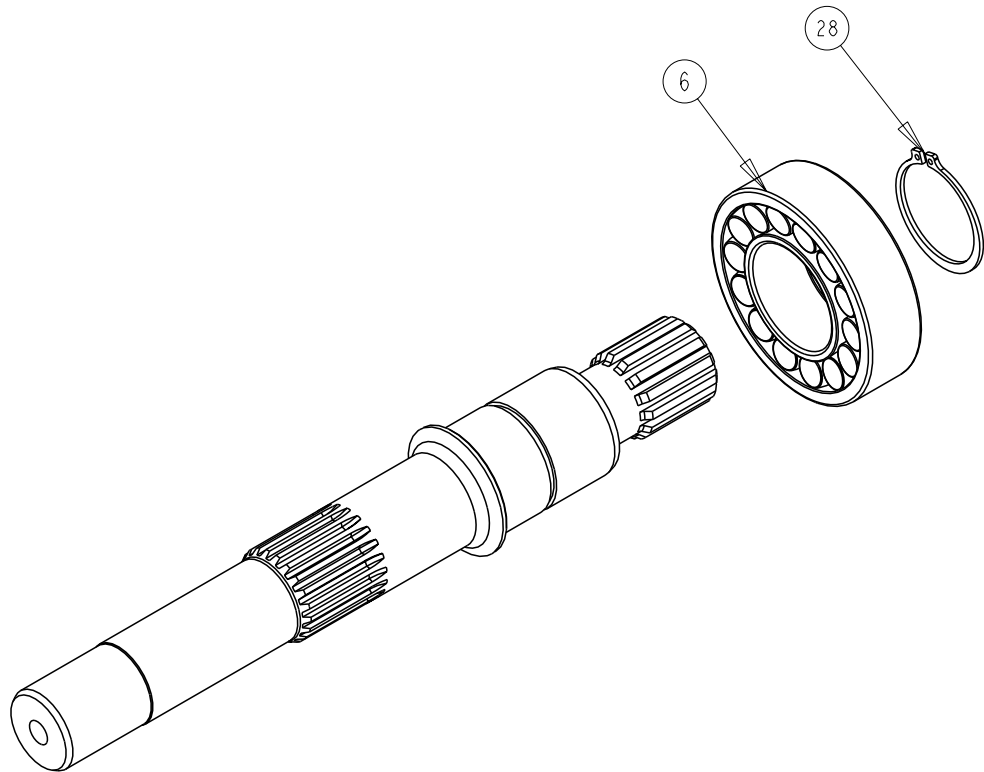


BARREL KIT AND
ROTATION GROUP KIT



TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P3075 DESIGN SERIES II	P2-075-0404	A	PR	SHEET 5 OF 7

SHAFT ASSEMBLY KITS
ITEM 57

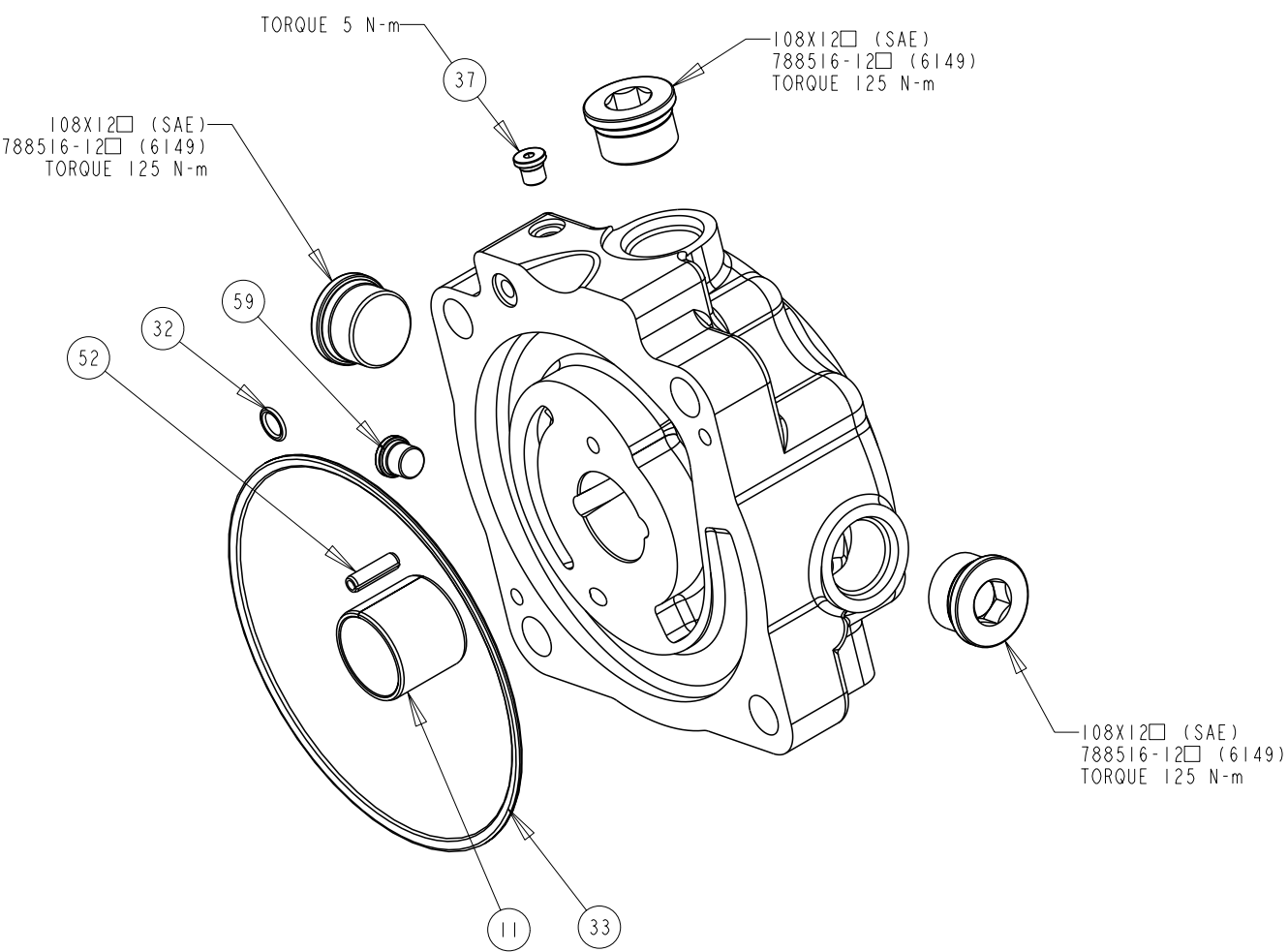


SHAFT ONLY	SHAFT ASSY	DESCRIPTION
P2-075-3512	P2-075-0225-35	C SPLINE
P2-075-3525	P2-075-0225-36	C SPLINE THRU
P2-075-3526	P2-075-0225-37	CC SPLINE
P2-075-3527	P2-075-0225-38	CC SPLINE THRU
P2-075-3532	P2-075-0225-45	C KEY
P2-075-3533	P2-075-0225-46	C KEY THRU
P2-075-3534	P2-075-0225-47	CC KEY
P2-075-3535	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



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

COVER ASSEMBLY KITS
ITEM 55



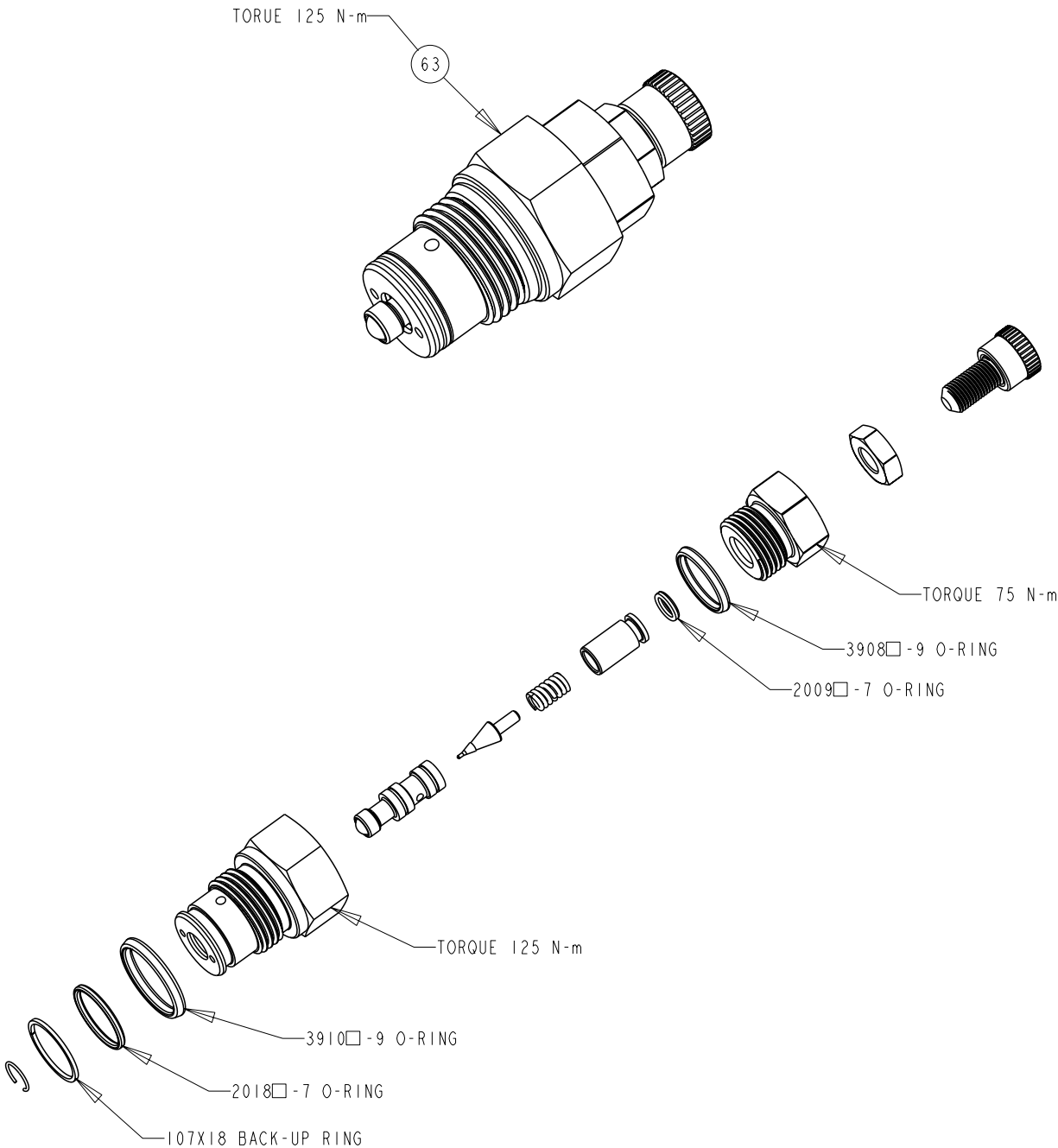
COVER ONLY	COVER ASSY	DESCRIPTION
P2-075-1015-01	P2-075-0226-09	SIDE PORTS, CCW, UNC
P2-075-1015-02	P2-075-0226-10	SIDE PORTS, CCW, UNC, THRU
P2-075-1015-03	P2-075-0226-11	SIDE PORTS, CCW, METRIC
P2-075-1015-04	P2-075-0226-12	SIDE PORTS, CCW, METRIC, THRU
P2-075-1016-01	P2-075-0226-13	SIDE PORTS, CW, UNC
P2-075-1016-02	P2-075-0226-14	SIDE PORTS, CW, UNC, THRU
P2-075-1016-03	P2-075-0226-15	SIDE PORTS, CW, METRIC
P2-075-1016-04	P2-075-0226-16	SIDE PORTS, CW, METRIC, THRU



TITLE	DRAWING NUMBER	REVISION	STATUS	
SERVICE PARTS P3075 DESIGN SERIES II	P2-075-0404	A	PR	SHEET 6 OF 7

TORQUE CONTROL CARTRIDGE P2-000-0803 - ITEM 63

A



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

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



