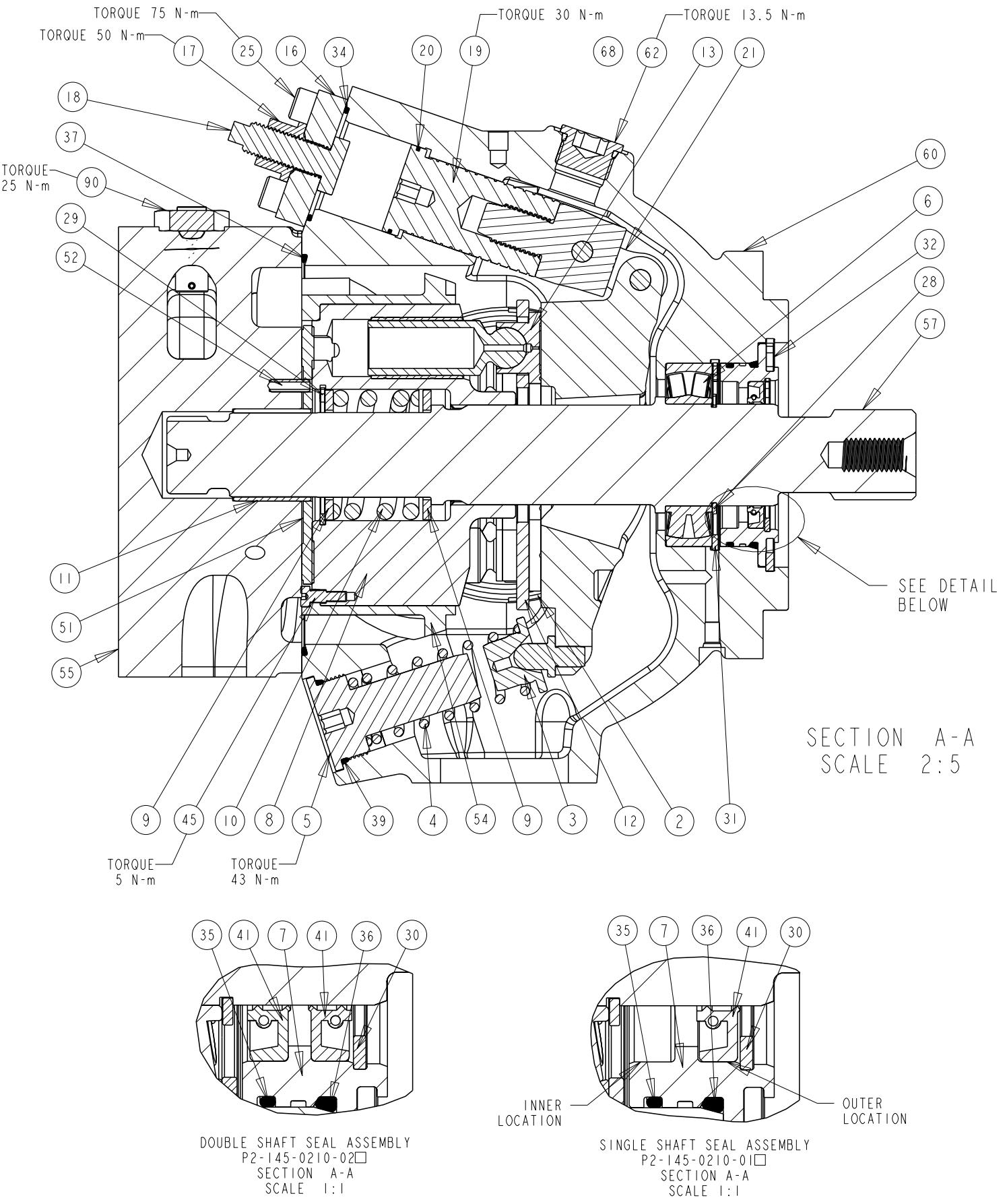
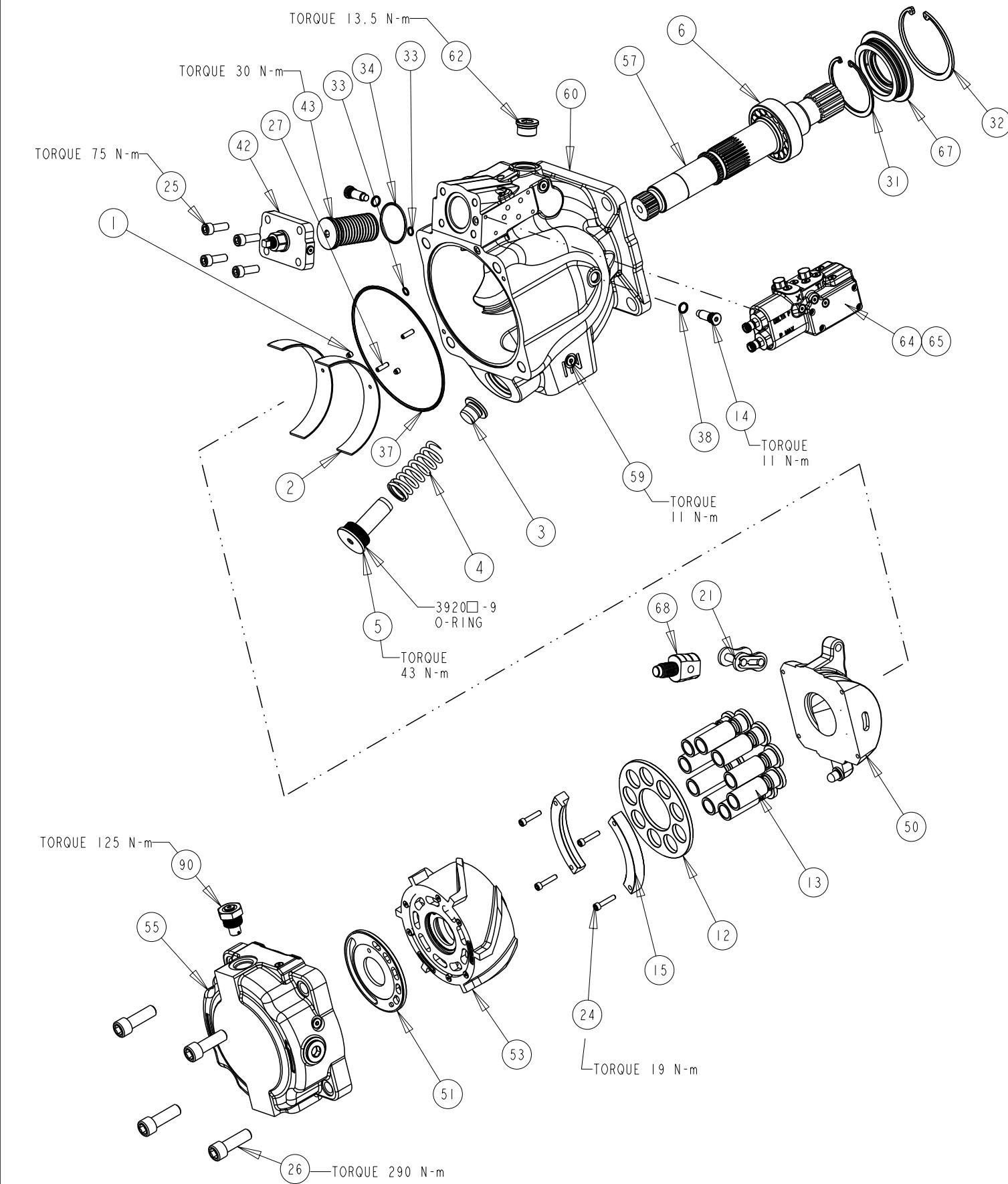
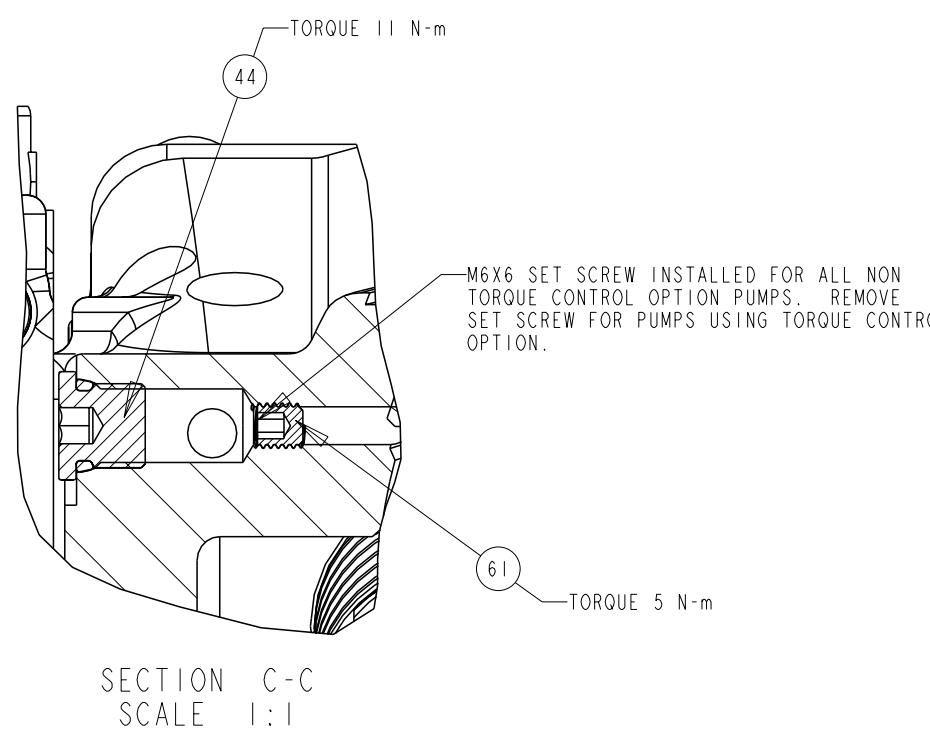
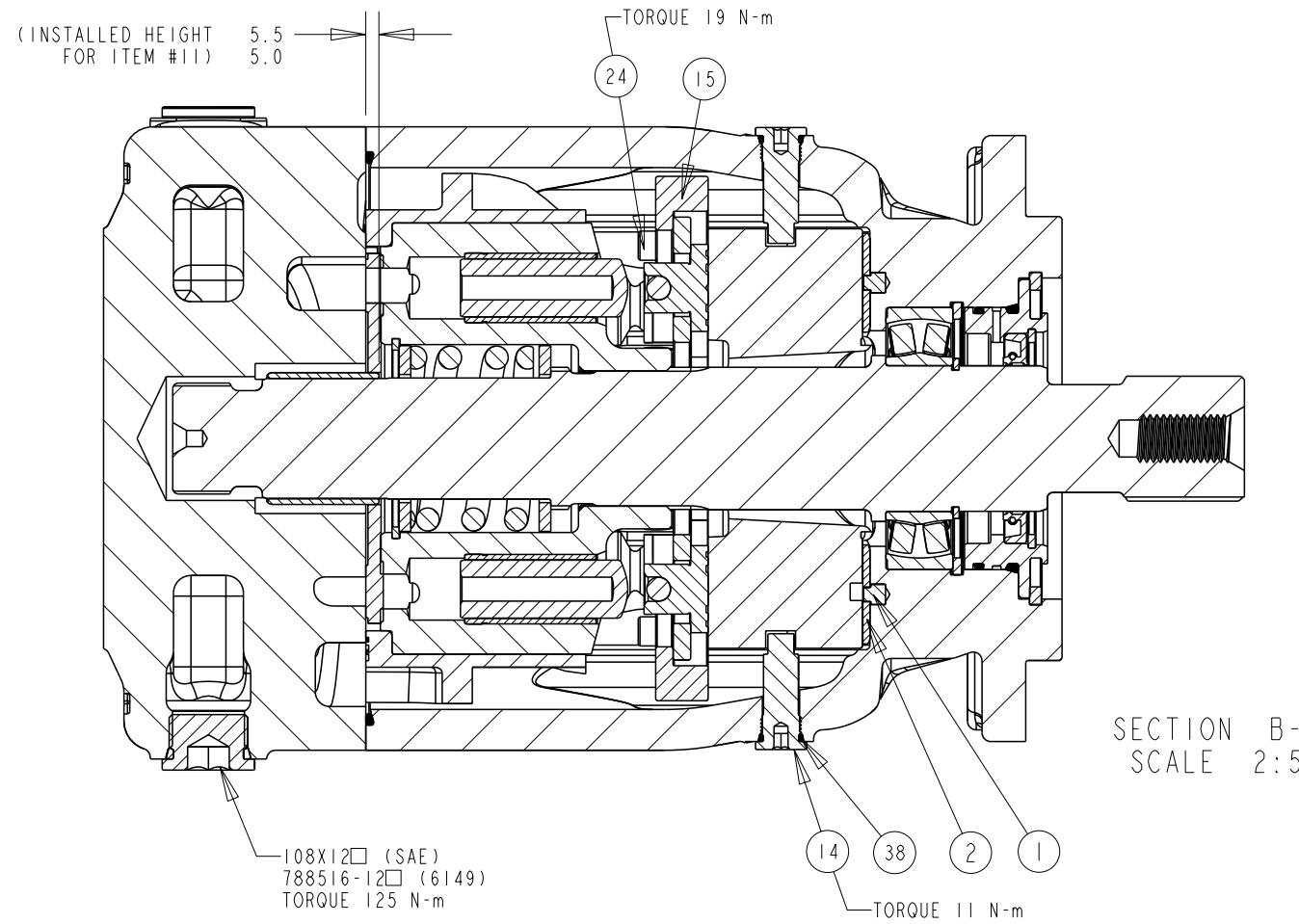


NOTES:
1 PUMP SHOWN IS A RIGHT HAND (CW) ROTATION PUMP. LEFT HAND (CCW) ROTATION PUMPS
HAVE OUTLET GAUGE PORT REVERSED.

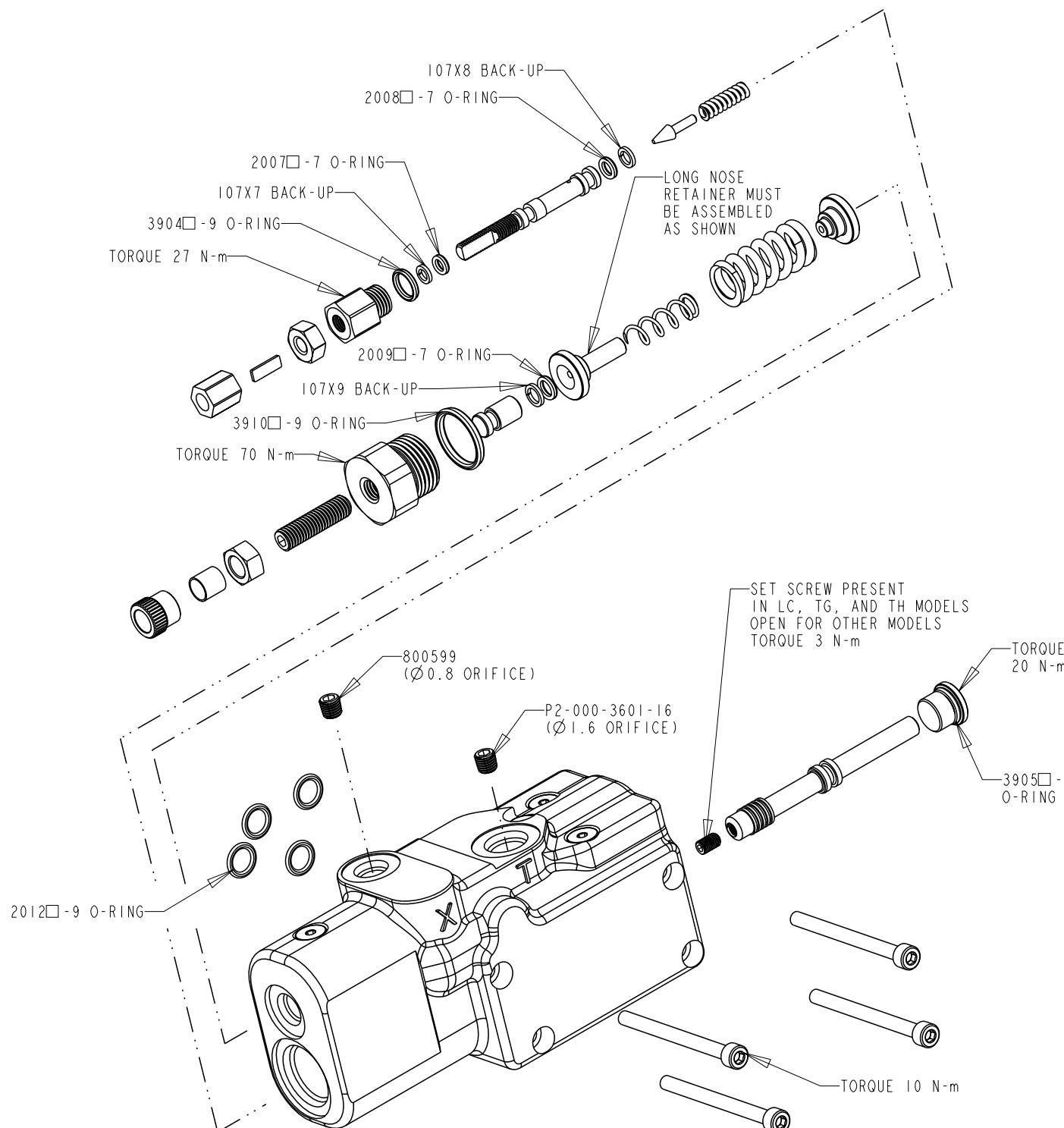
DRAWN BY E. BOONE	DATE 15APR02	CHANGED BY B. LARKIN	DATE 23MAY02	ECN NUMBER 133522
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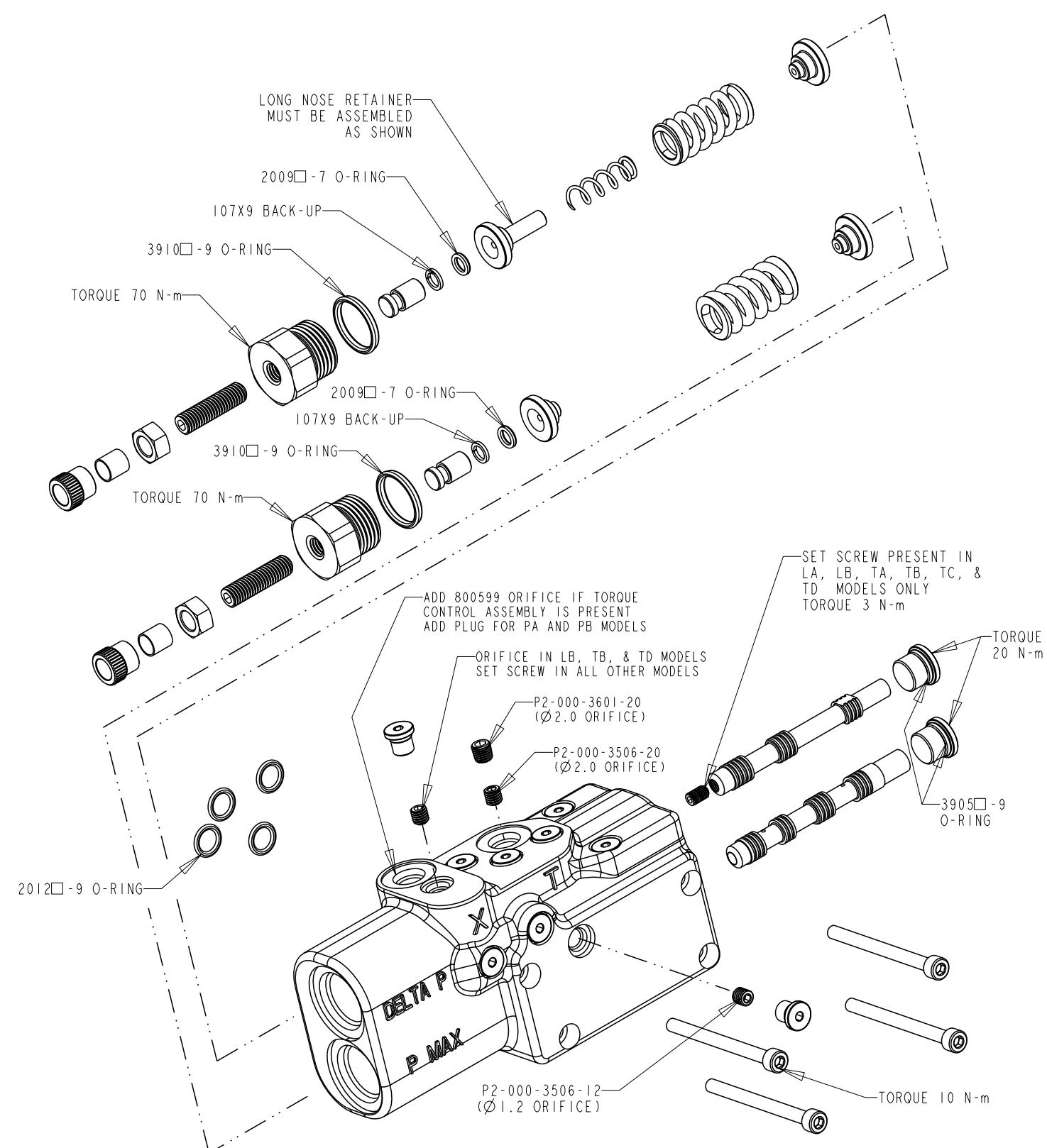
COMPENSATOR KITS

SINGLE SPOOL OPTIONS - ITEM 64

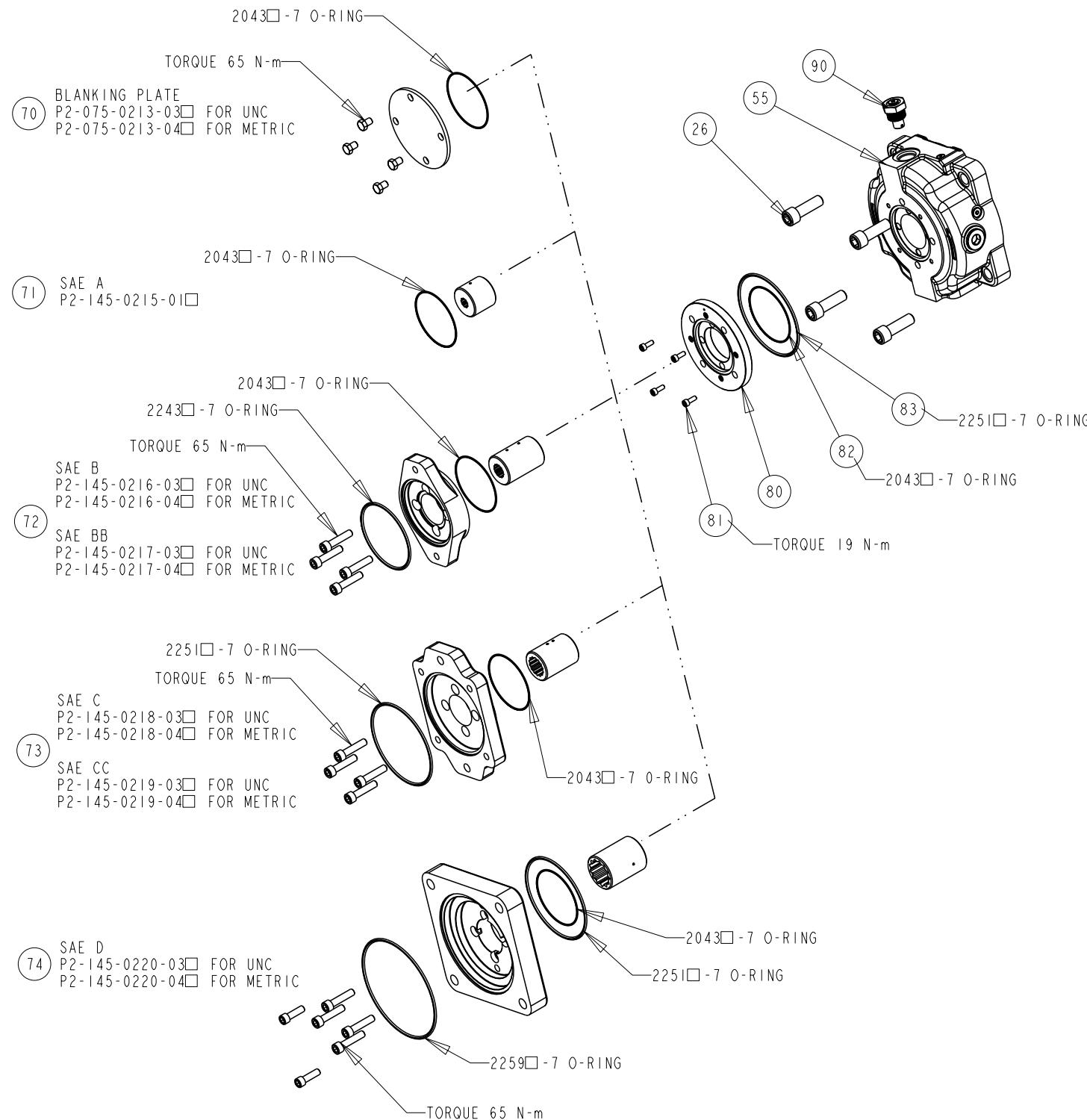


COMPENSATOR KITS

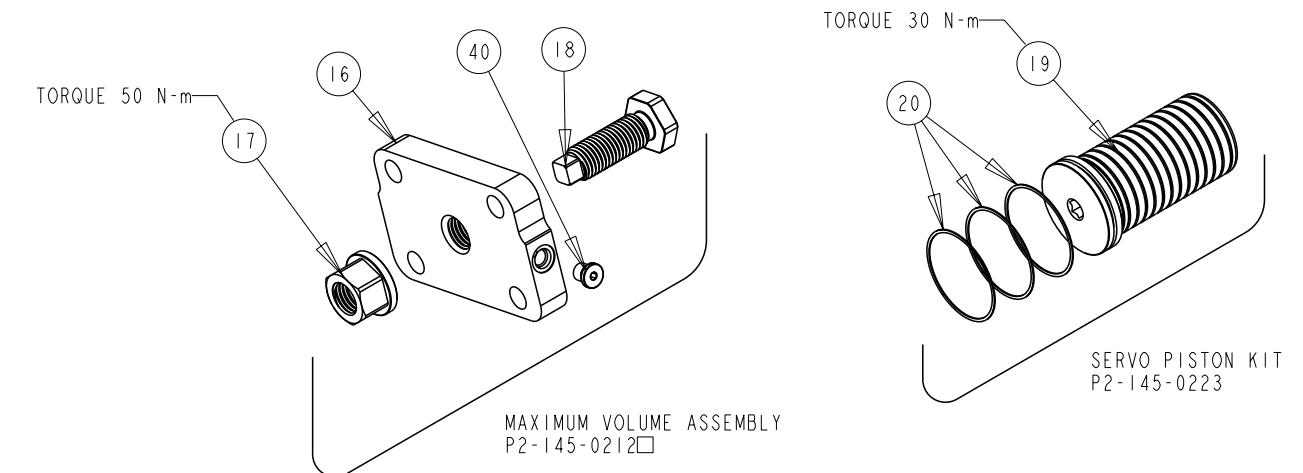
DUAL SPOOL OPTIONS - ITEM 65



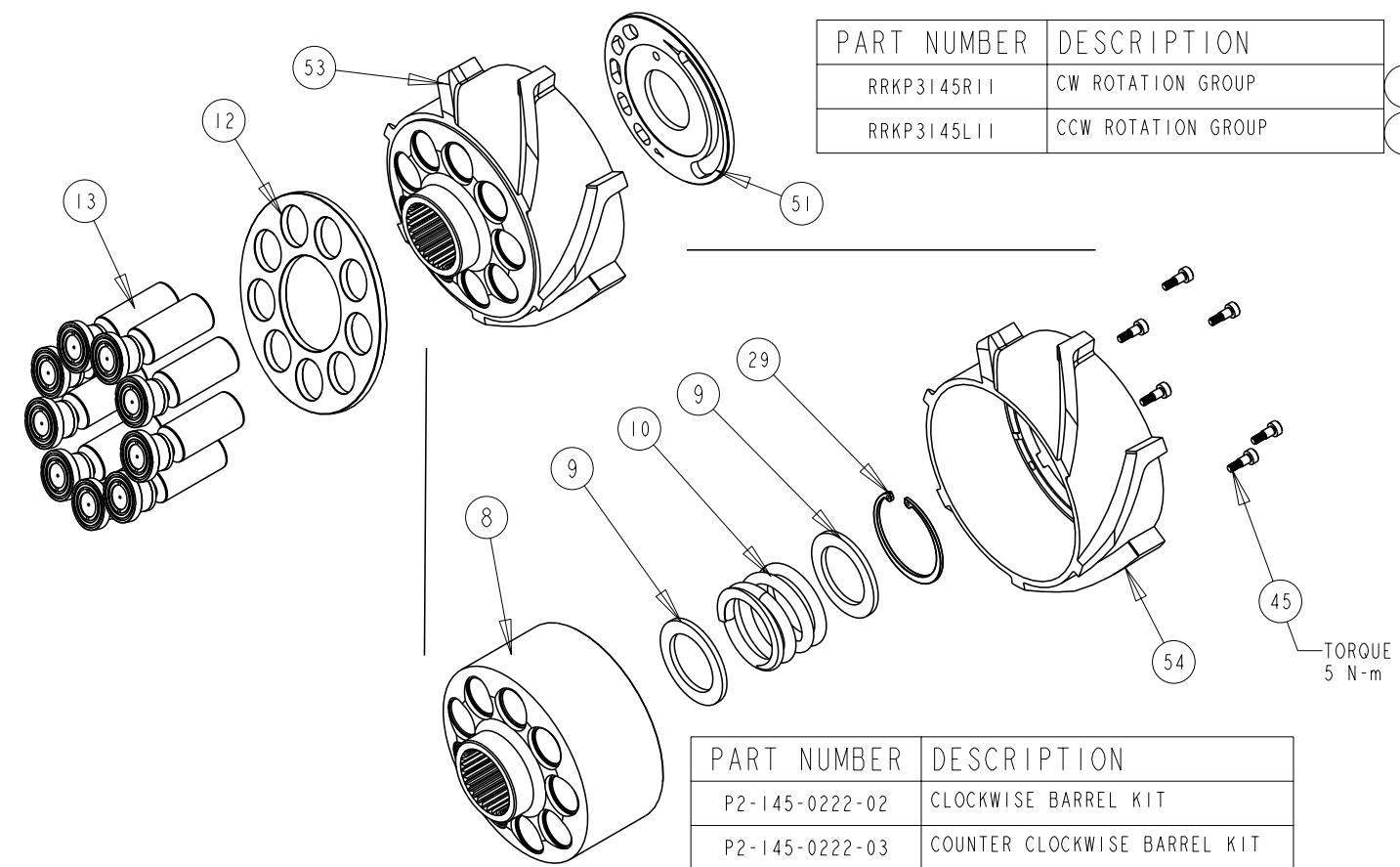
THRU DRIVE KITS

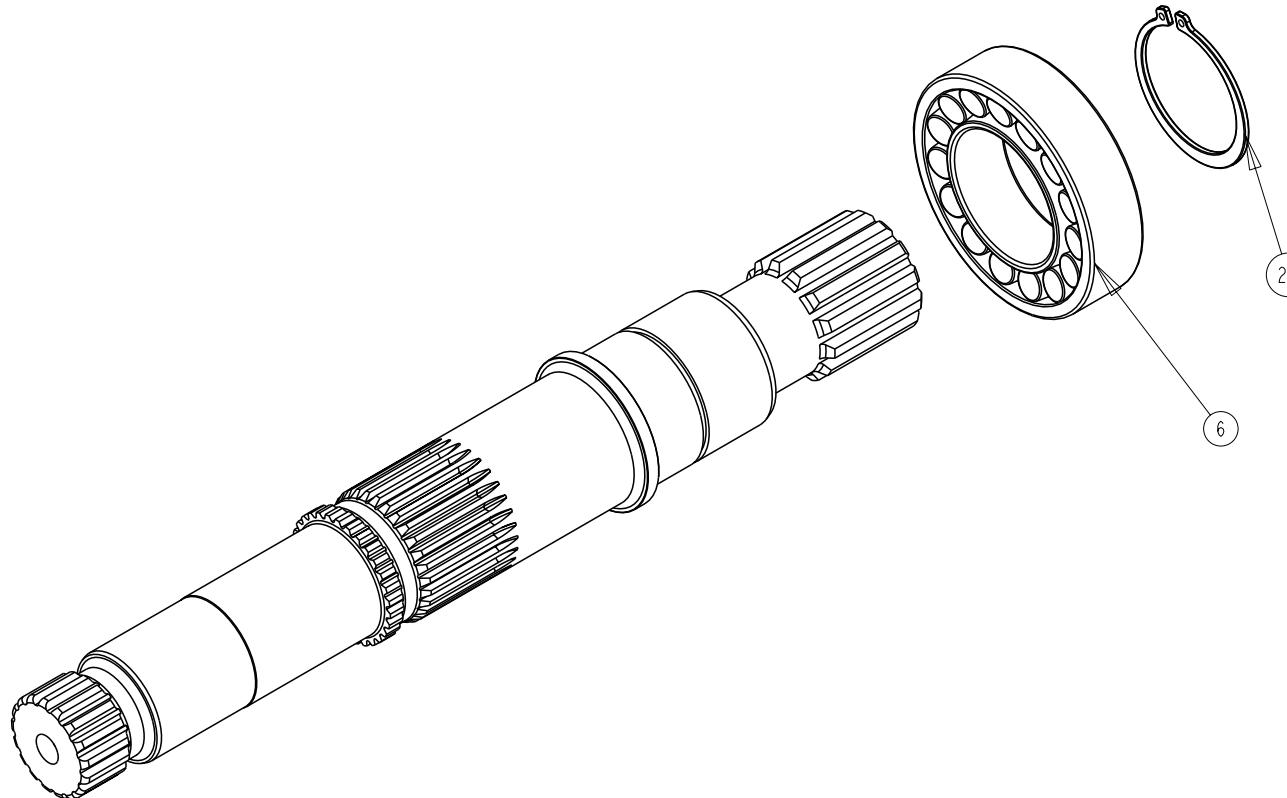
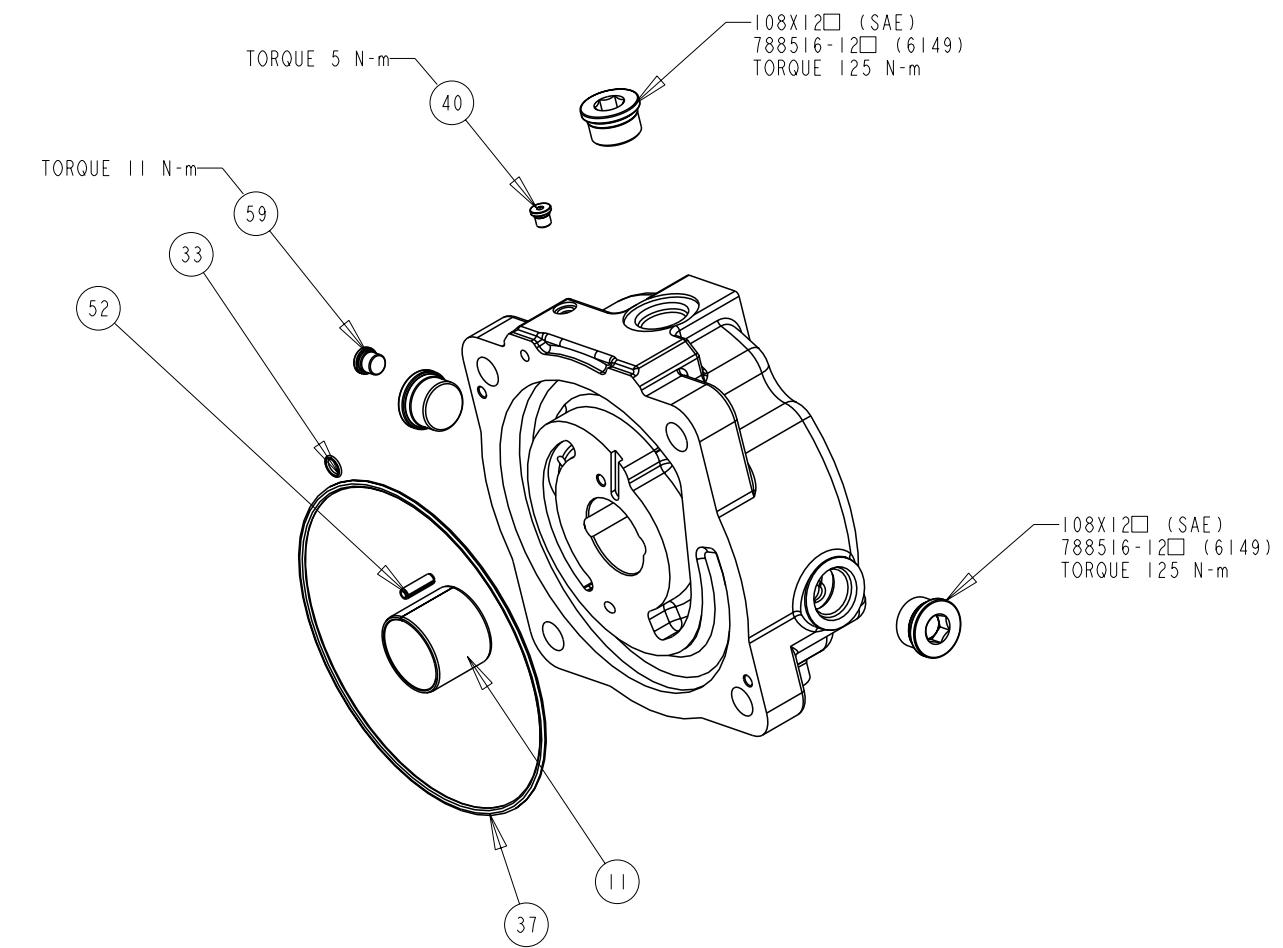


MAX VOLUME ASSEMBLY AND SERVO PISTON KIT



BARREL KIT AND ROTATION GROUP KIT



SHAFT ASSEMBLY KITS
ITEM 57COVER ASSEMBLY KITS
ITEM 55

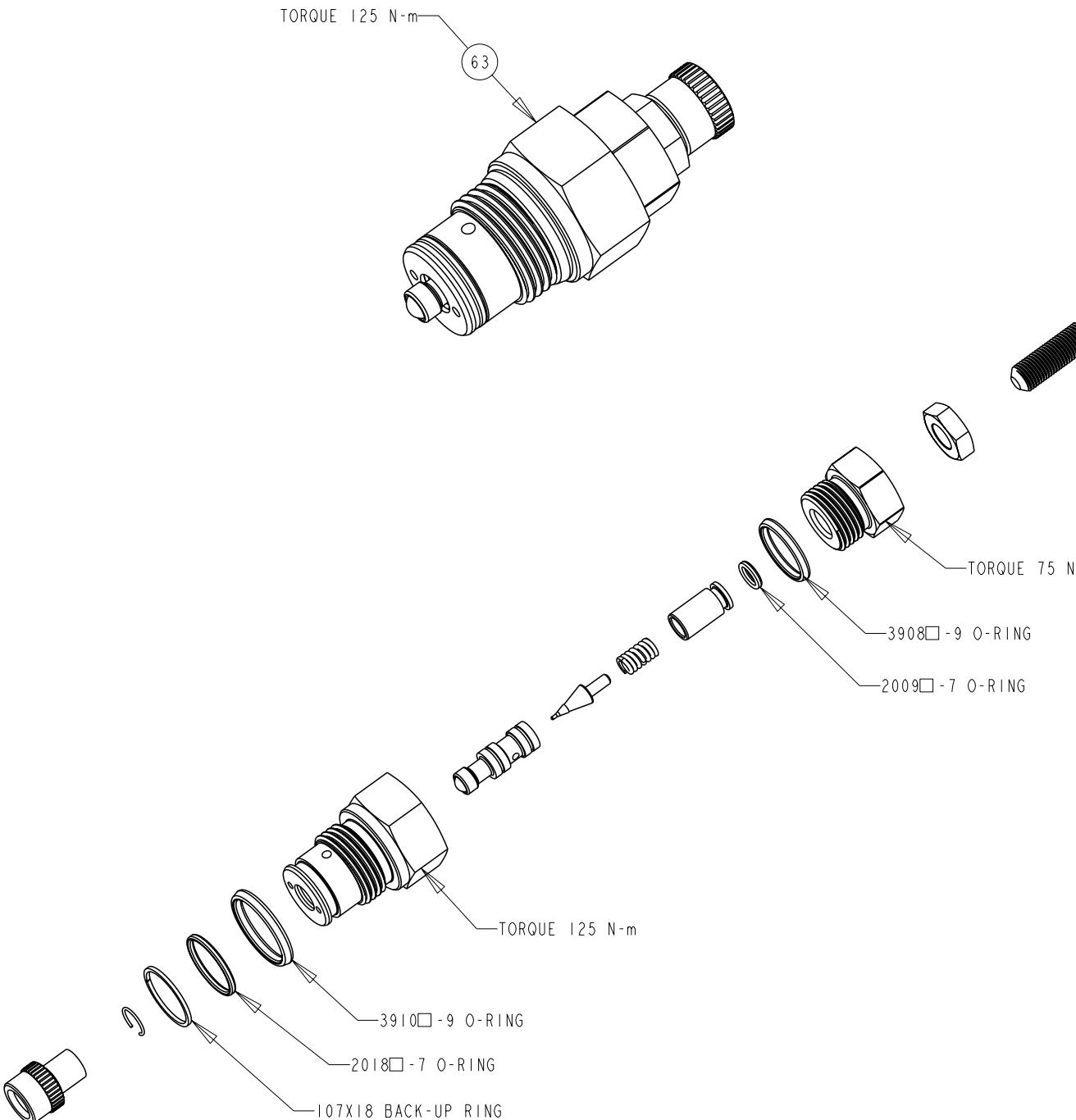
SHAFT ONLY	SHAFT ASSEMBLY	DESCRIPTION
P2-145-3525	P2-145-0225-36	C SPLINE THRU
P2-145-3519	P2-145-0225-40	D SPLINE THRU
P2-145-3533	P2-145-0225-46	C KEY THRU
P2-145-3535	P2-145-0225-48	CC KEY THRU
P2-145-3537	P2-145-0225-50	D KEY THRU
P2-145-3520	P2-145-0225-56	C SPLINE THRU NO UNDERCUT
P2-145-3546	P2-145-0225-60	D SPLINE THRU NO UNDERCUT

COVER ONLY	COVER ASSEMBLY	DESCRIPTION
P2-145-1015-01	P2-145-0226-09□	SIDE PORT, CCW, UNC
P2-145-1015-02	P2-145-0226-10□	SIDE PORT, CCW, UNC, THRU
P2-145-1015-03	P2-145-0226-11□	SIDE PORT, CCW, METRIC
P2-145-1015-04	P2-145-0226-12□	SIDE PORT, CCW, METRIC, THRU
P2-145-1016-01	P2-145-0226-13□	SIDE PORT, CW, UNC
P2-145-1016-02	P2-145-0226-14□	SIDE PORT, CW, UNC, THRU
P2-145-1016-03	P2-145-0226-15□	SIDE PORT, CW, METRIC
P2-145-1016-04	P2-145-0226-16□	SIDE PORT, CW, METRIC, THRU

TORQUE CONTROL CARTRIDGE

P2-000-0803 □ - ITEM 63

(A)



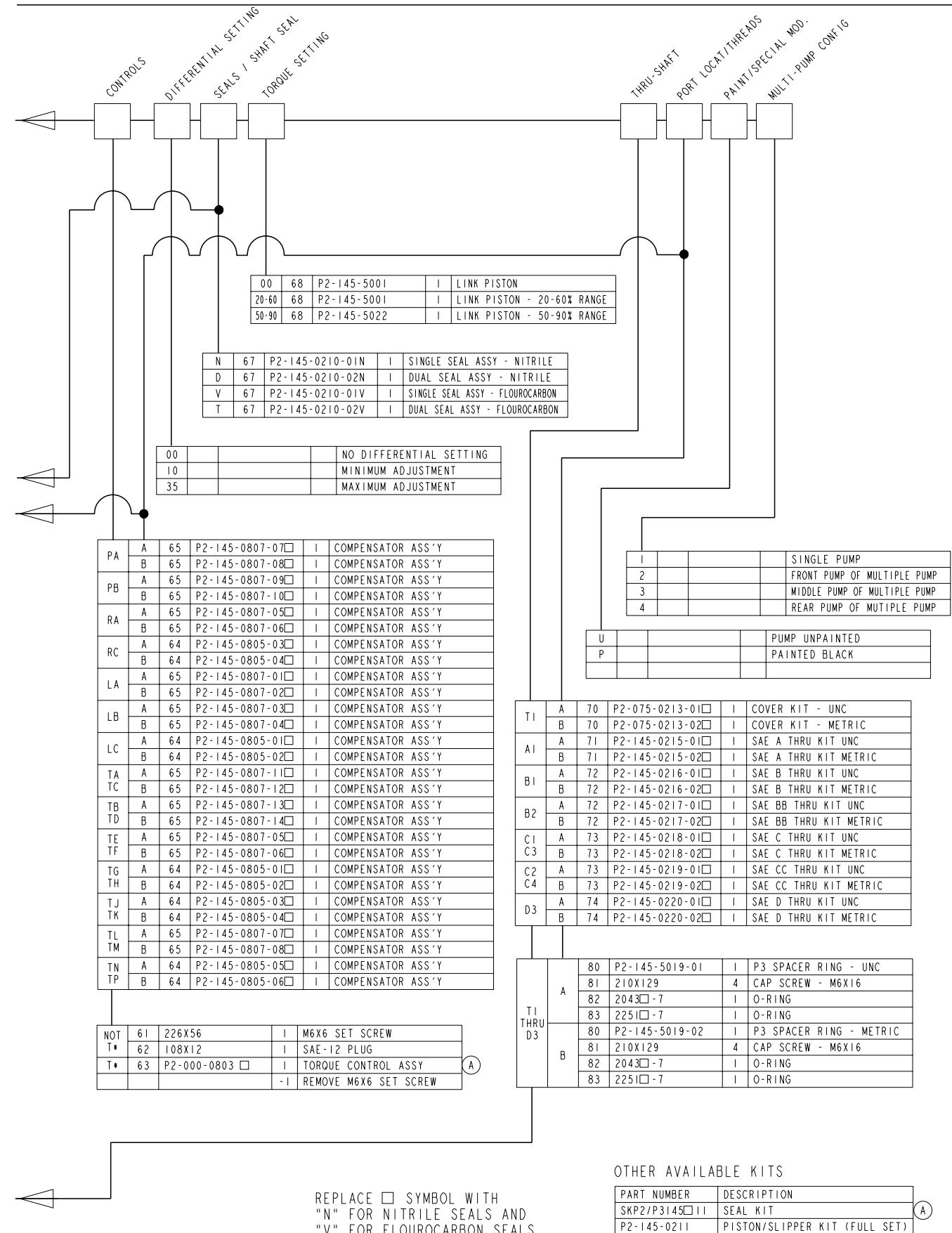
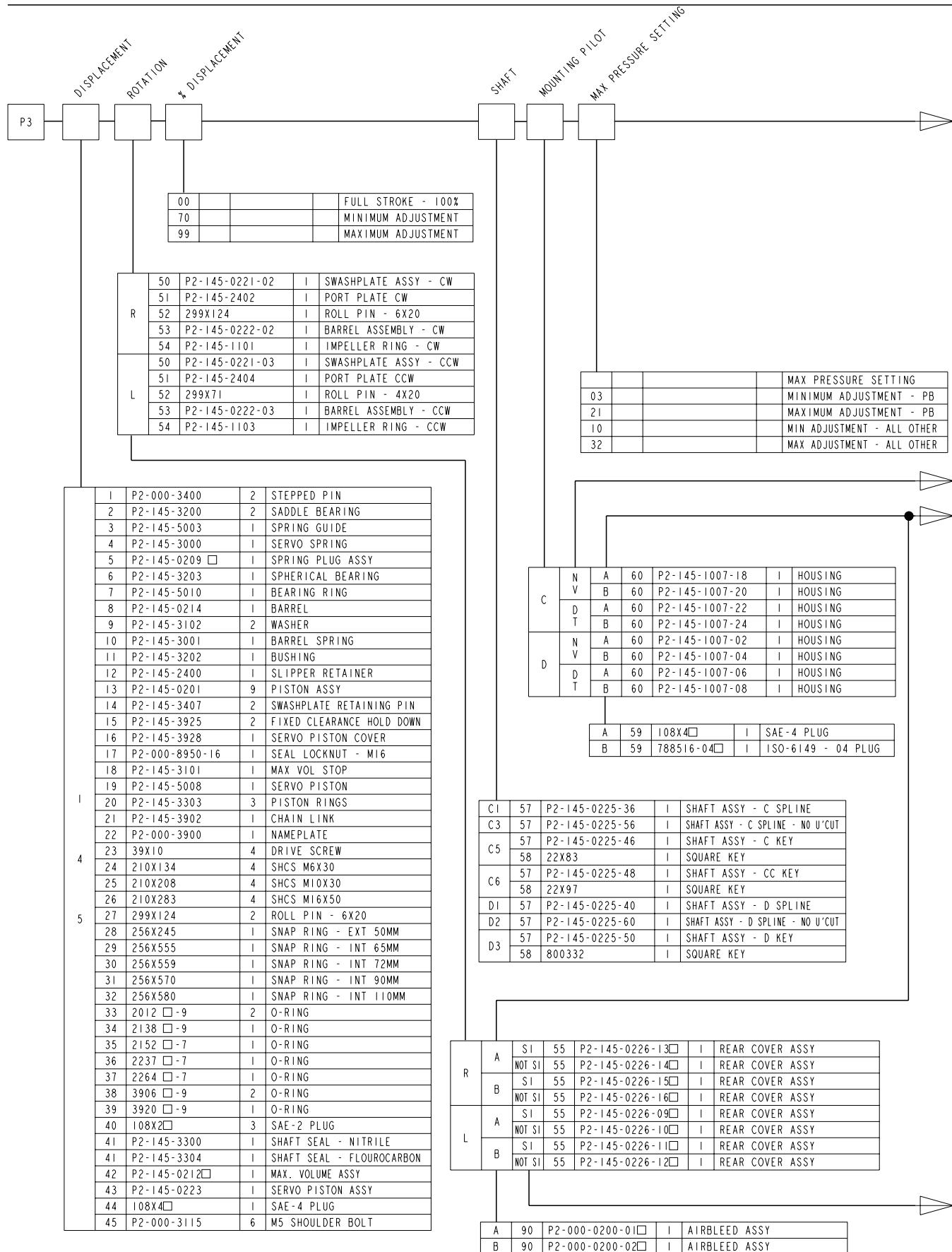
ASSEMBLY, DIS-ASSEMBLY AND REPAIR NOTES

DISASSEMBLY STEPS FOR ENTIRE PUMP

1. REMOVE COVER SCREWS AND COVER
2. REMOVE IMPELLER SCREWS AND IMPELLER
3. DE-STROKE PUMP TO MINIMUM ANGLE WITH MAX VOLUME SCREW
4. REMOVE FIXED CLEARANCE HOLD DOWN SCREWS AND HOLD DOWN PARTS
5. REMOVE ROTATING GROUP (BARREL, SLIPPER RETAINER AND PISTONS)
6. REMOVE SHAFT SEAL CARRIER
7. REMOVE SHAFT
8. REMOVE BIAS SPRING PLUG, SPRING AND RETAINER
9. REMOVE MAX. VOLUME ASSY
10. REMOVE SERVO PISTON ASSY.
11. 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



OTHER AVAILABLE KITS

PART NUMBER	DESCRIPTION
SKP2/P3145□II	SEAL KIT
P2-145-02II	PISTON/SLIPPER KIT (FULL SET)