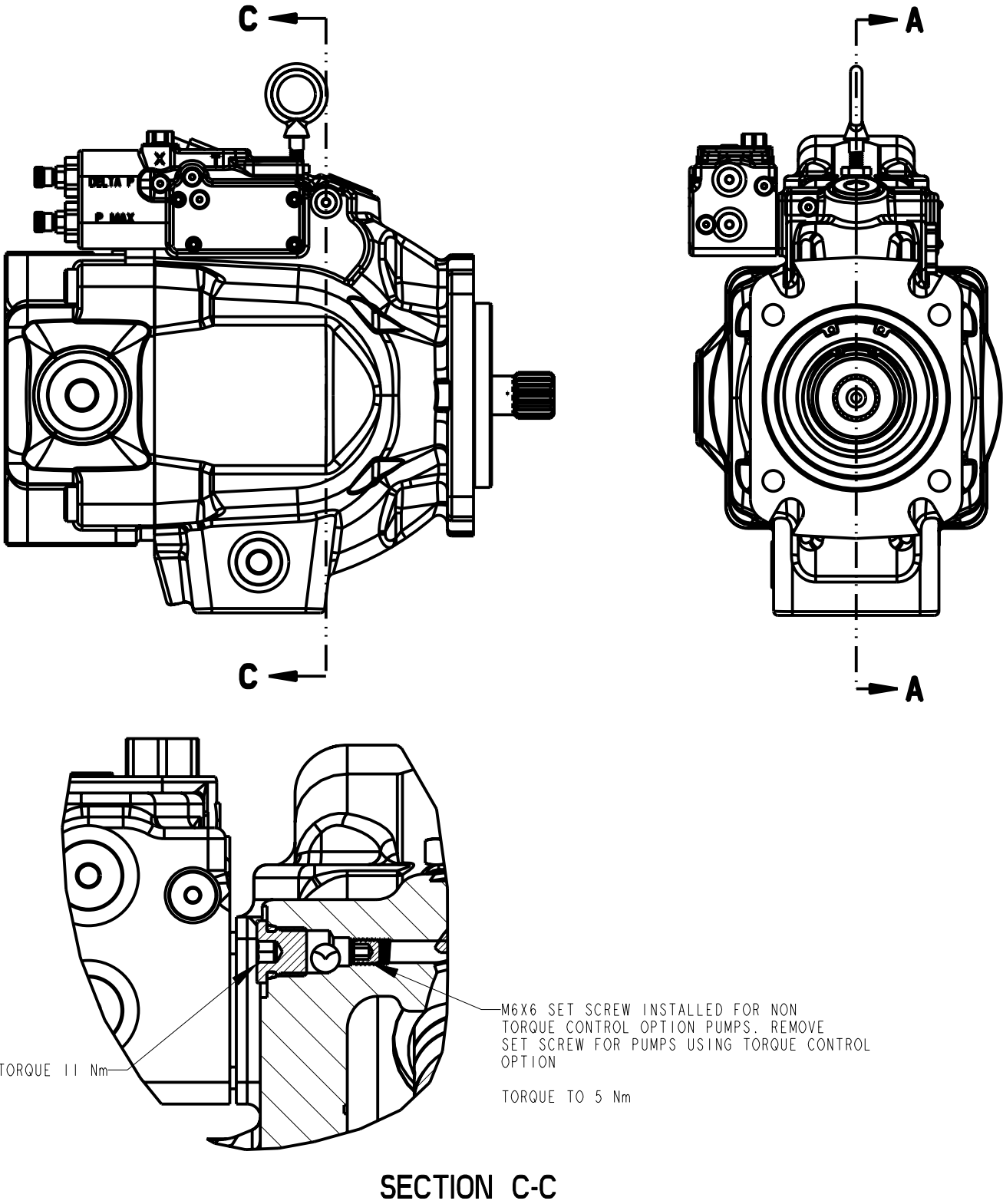


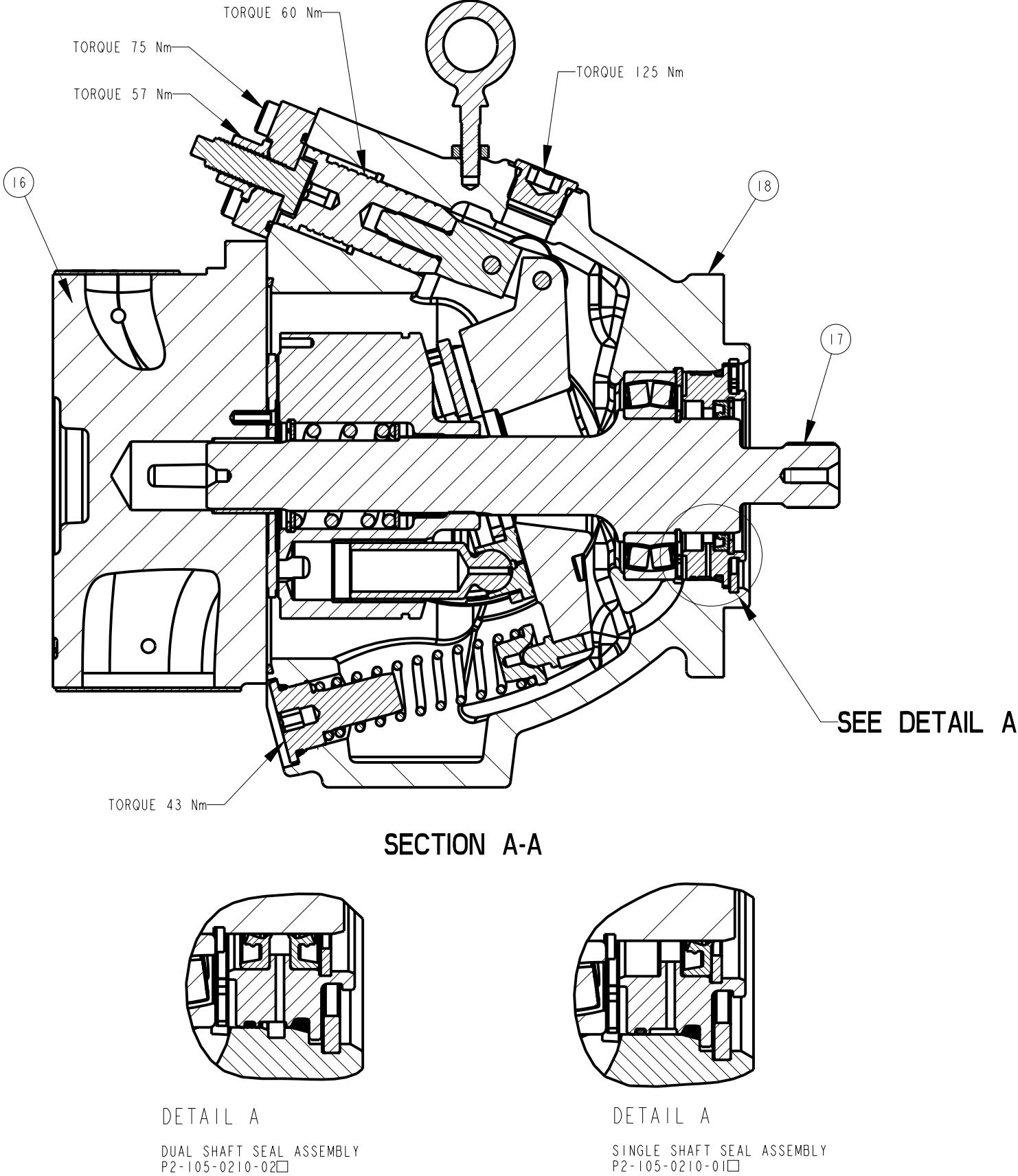
TITLE	SERVICE PARTS P2105 DESIGN SERIES 15	DRAWING NUMBER	P2-105-0411	REVISION	NONE	STATUS	PR	SHEET 1 OF 8
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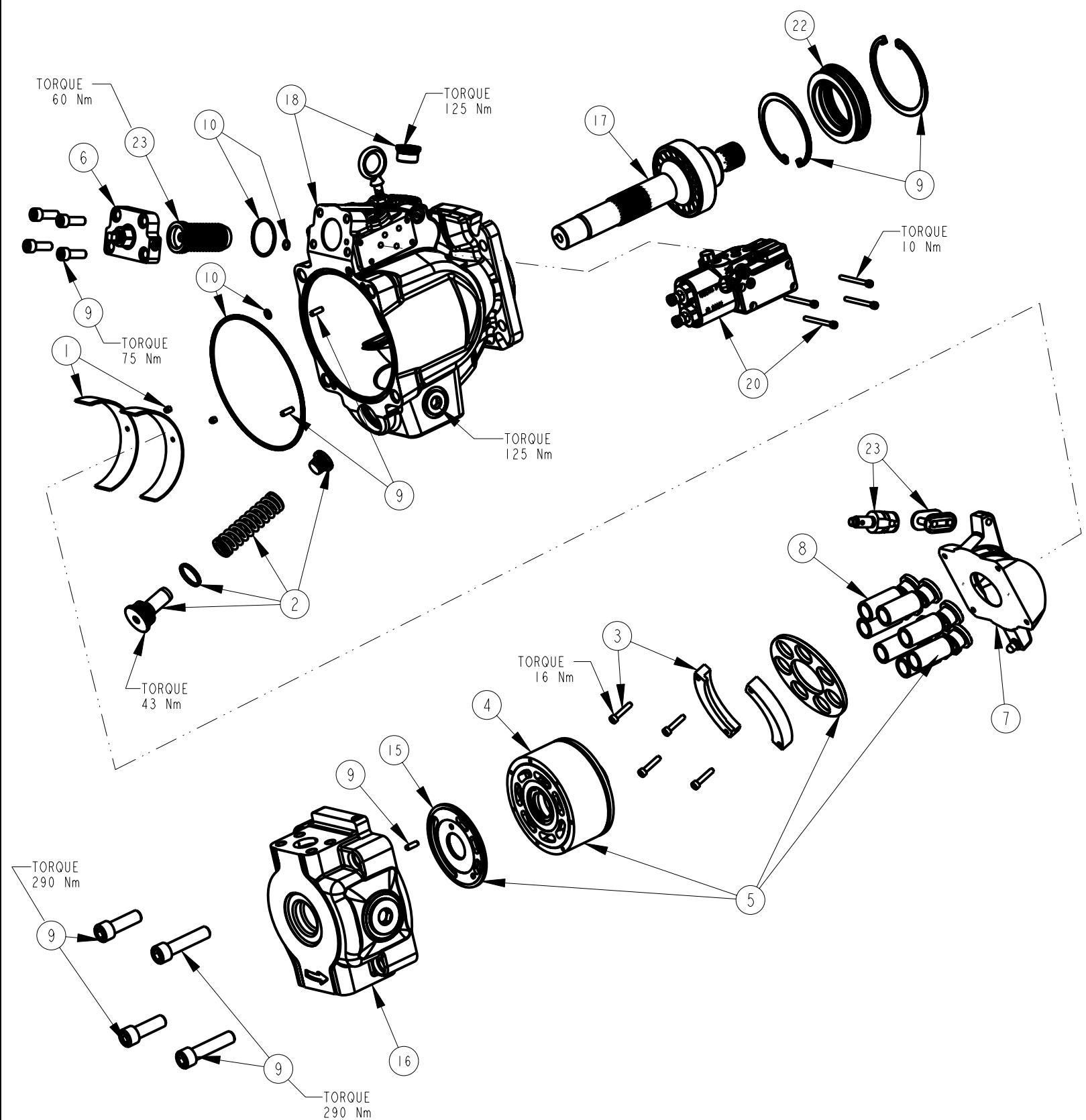


NOTES:
1 PUMP SHOWN IS A RIGHT HAND (CW) ROTATION PUMP. LEFT HAND (CCW) ROTATION PUMPS HAVE OUTLET GAUGE PORT REVERSED.



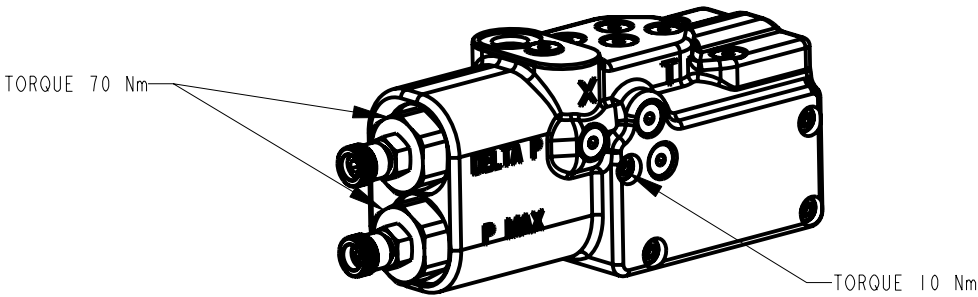
DRAWN BY	L. NAGEL	DATE	10JUL09	CHANGED BY	-	DATE	-	ECN NUMBER	710409
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COMPENSATOR KITS

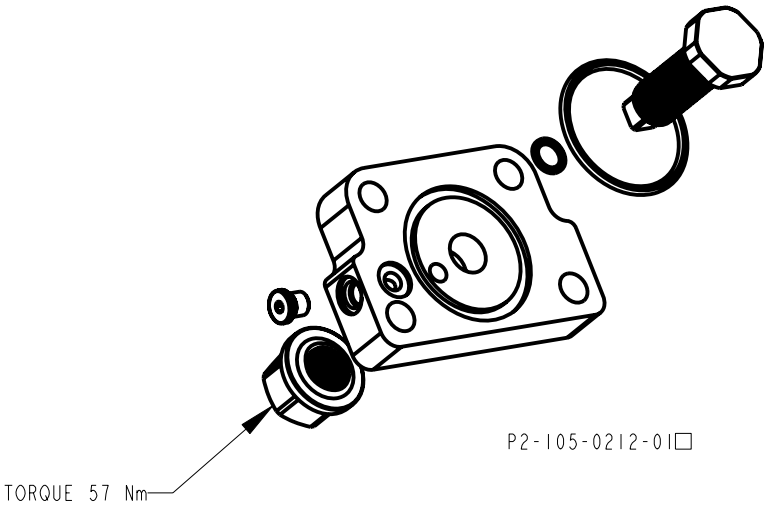
ITEM 20



PA	A	20	P2-075-0806-07□	I	COMPENSATOR ASSY
	B	20	P2-075-0806-08□	I	COMPENSATOR ASSY
RA	A	20	P2-075-0806-05□	I	COMPENSATOR ASSY
	B	20	P2-075-0806-06□	I	COMPENSATOR ASSY
LA	A	20	P2-075-0806-01□	I	COMPENSATOR ASSY
	B	20	P2-075-0806-02□	I	COMPENSATOR ASSY
LB	A	20	P2-075-0806-03□	I	COMPENSATOR ASSY
	B	20	P2-075-0806-04□	I	COMPENSATOR ASSY
TA	A	20	P2-075-0806-11□	I	COMPENSATOR ASSY
	B	20	P2-075-0806-12□	I	COMPENSATOR ASSY
TB	A	20	P2-075-0806-13□	I	COMPENSATOR ASSY
	B	20	P2-075-0806-14□	I	COMPENSATOR ASSY

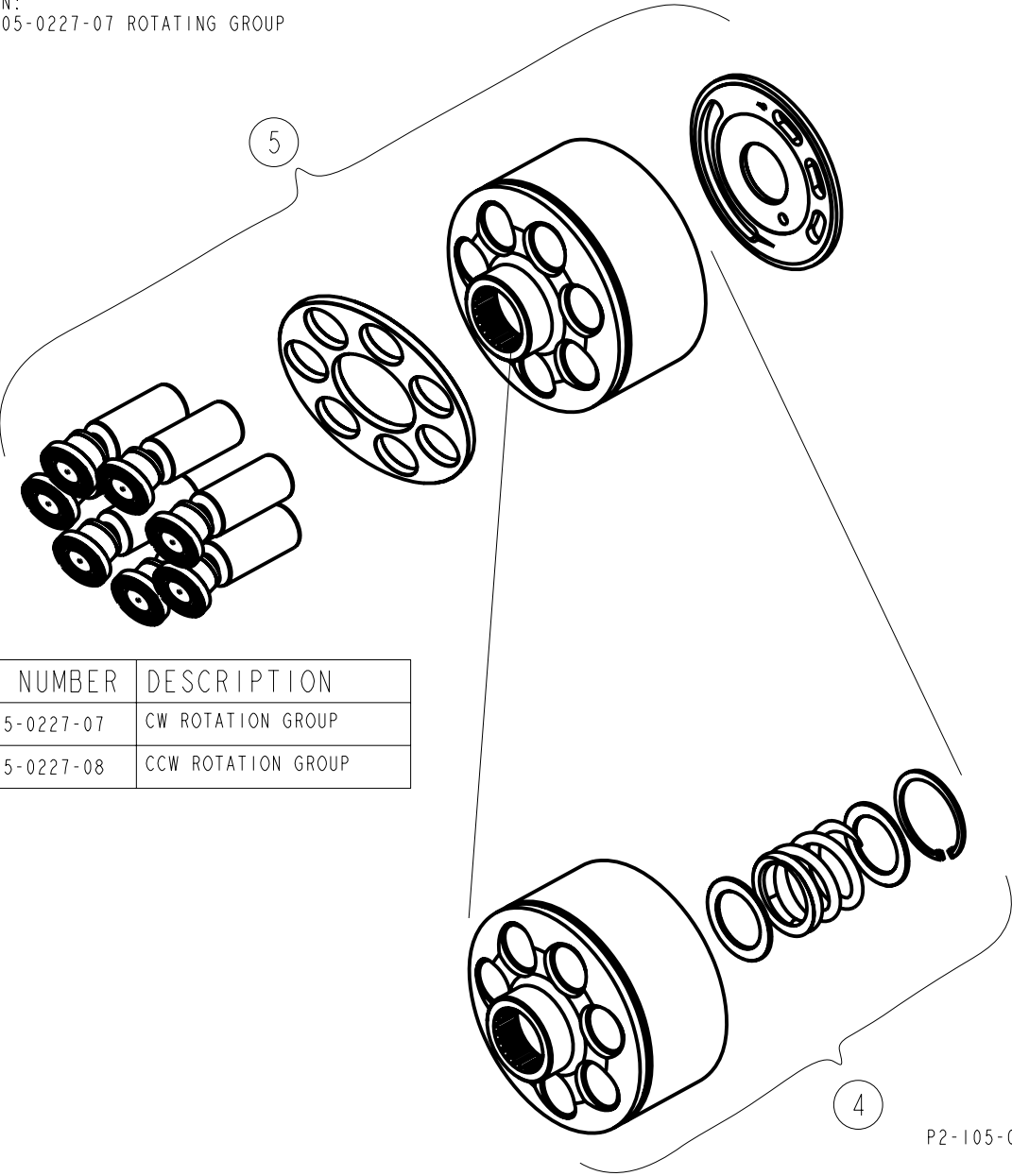
MAX. VOLUME ASSEMBLY

ITEM 6



ROTATING GROUP / BARREL KIT
ITEM 5
ITEM 4

SHOWN:
P2-105-0227-07 ROTATING GROUP

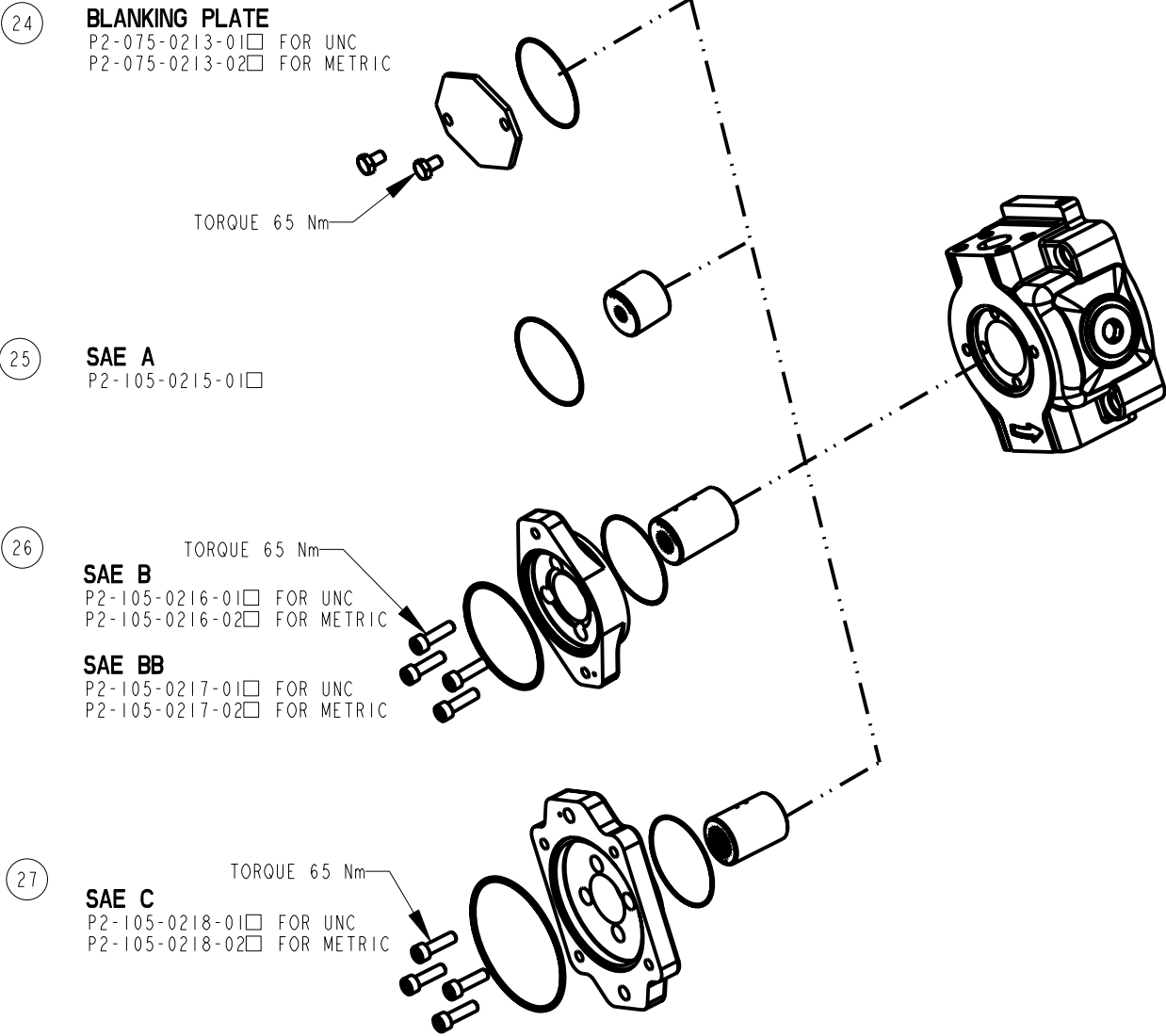


PART NUMBER	DESCRIPTION
P2-105-0227-07	CW ROTATION GROUP
P2-105-0227-08	CCW ROTATION GROUP

P2-105-0222-09 BARREL KIT



THRU DRIVE KITS



24 **BLANKING PLATE**
P2-075-0213-01 ☐ FOR UNC
P2-075-0213-02 ☐ FOR METRIC

TORQUE 65 Nm

25 **SAE A**
P2-105-0215-01 ☐

26 **SAE B**
P2-105-0216-01 ☐ FOR UNC
P2-105-0216-02 ☐ FOR METRIC

TORQUE 65 Nm

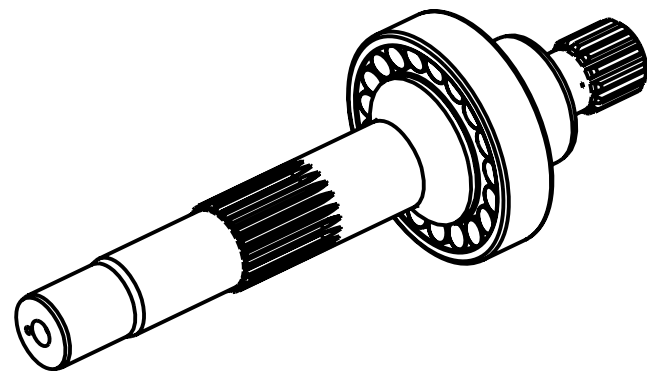
SAE BB
P2-105-0217-01 ☐ FOR UNC
P2-105-0217-02 ☐ FOR METRIC

27 **SAE C**
P2-105-0218-01 ☐ FOR UNC
P2-105-0218-02 ☐ FOR METRIC

TORQUE 65 Nm



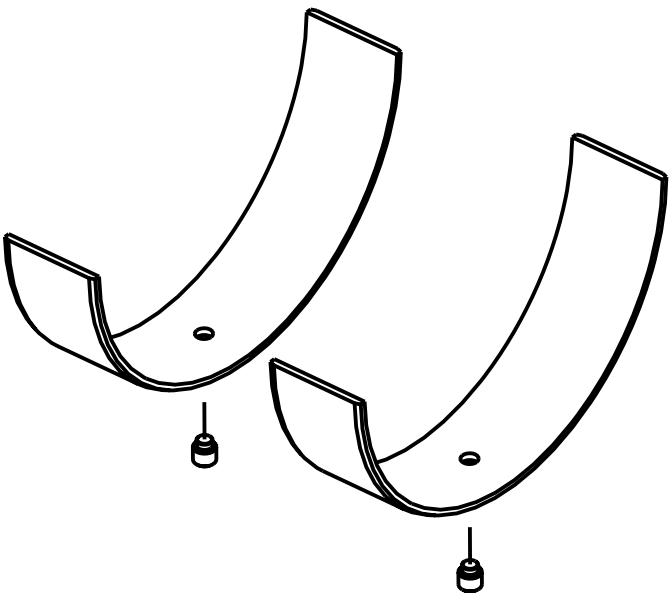
SHAFT ASSEMBLY KITS
ITEM 17



SHAFT ASSEMBLY	DESCRIPTION
P2-105-0225-36	C SPLINE THRU
P2-105-0225-05	C SPLINE NOT THRU
P2-105-0225-40	D SPLINE THRU
P2-105-0225-09	D SPLINE NOT THRU
P2-105-0225-46	C KEY THRU
P2-105-0225-15	C KEY NOT THRU
P2-105-0225-48	CC KEY THRU
P2-105-0225-17	CC KEY NOT THRU
P2-105-0225-38	CC SPLINE THRU
P2-105-0225-07	CC SPLINE NOT THRU
P2-105-0225-56	C SPLINE THRU NO UNDERCUT
P2-105-0225-25	C SPLINE NOT THRU NO UNDERCUT
P2-105-0225-60	D SPLINE THRU NO UNDERCUT

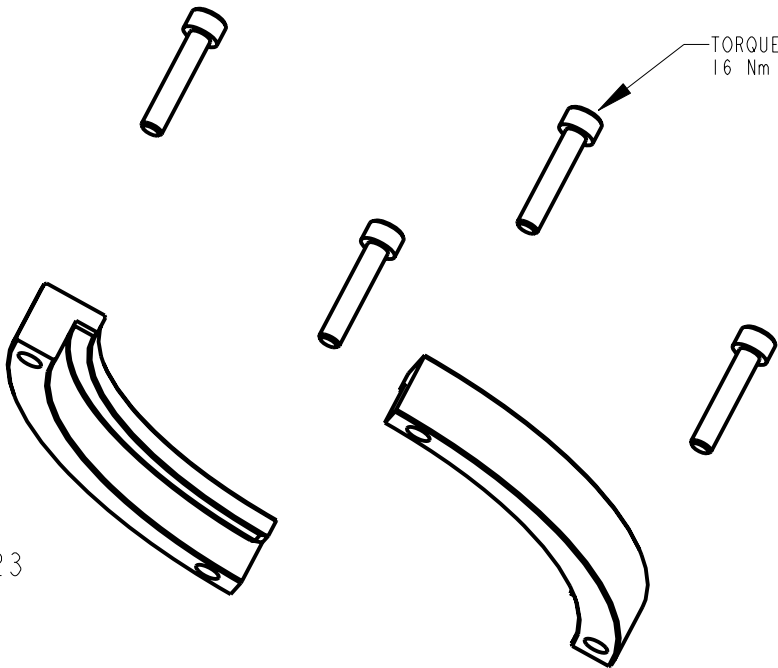


KIT SADDLE BEARING
ITEM 1



P2-105-0229-21

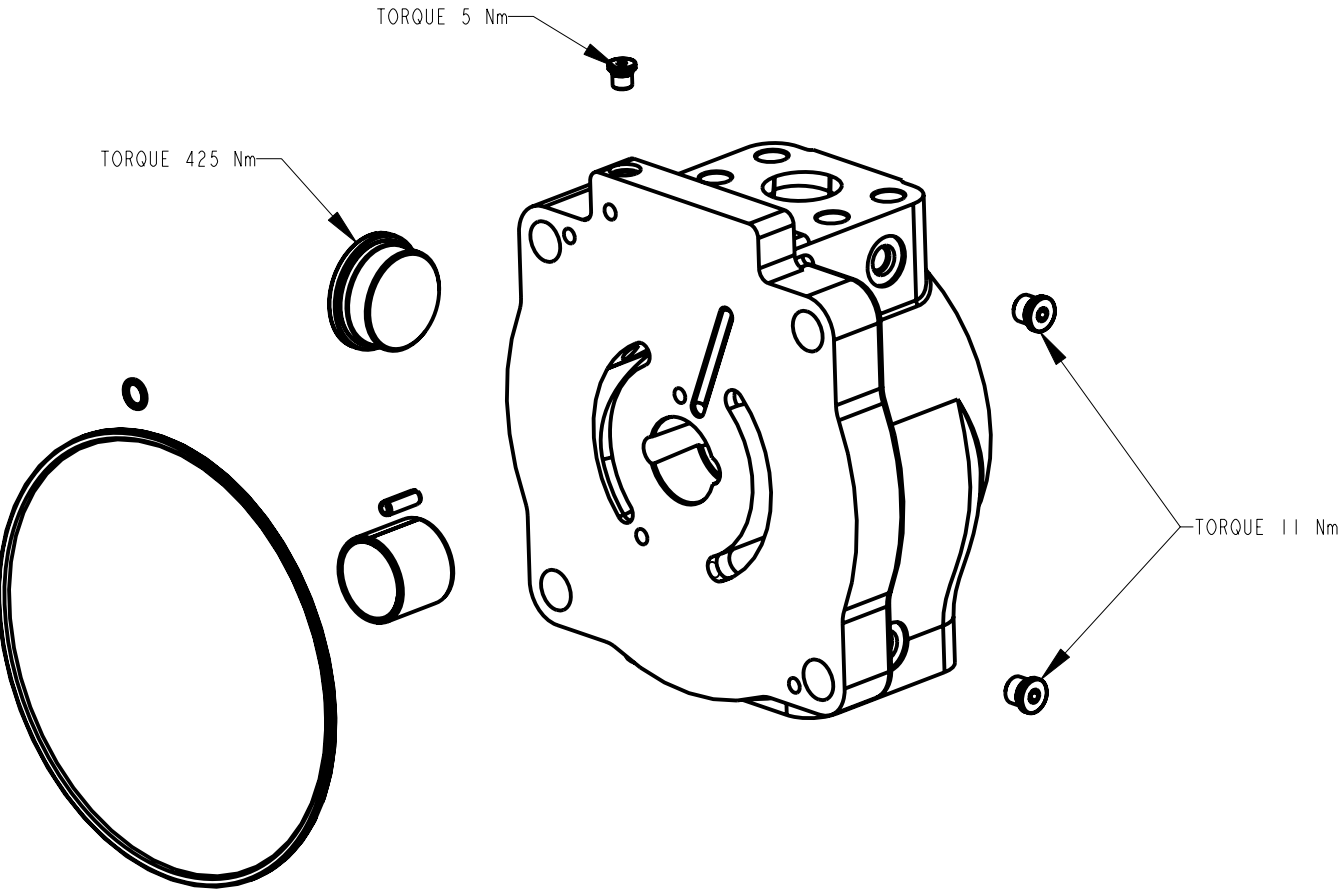
KIT FIXED CLEARANCE HOLD DOWN
ITEM 3



P2-105-0229-23



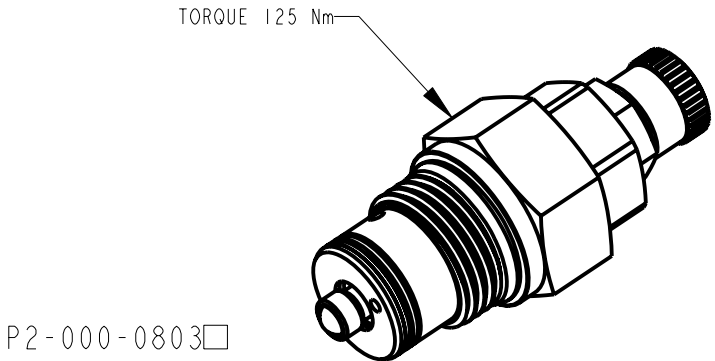
COVER ASSEMBLY KITS
ITEM 16



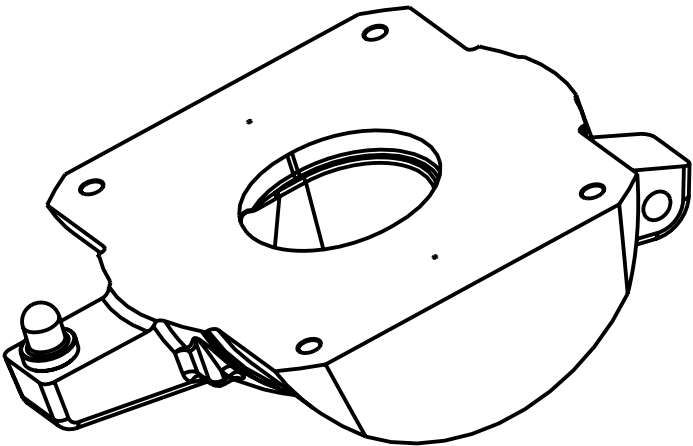
COVER ASSEMBLY	DESCRIPTION
P2-105-0226-01□	SIDE PORTS, CCW, UNC
P2-105-0226-02□	SIDE PORTS, CCW, UNC, THRU
P2-105-0226-03□	SIDE PORTS, CCW, METRIC
P2-105-0226-04□	SIDE PORTS, CCW, METRIC, THRU
P2-105-0226-05□	SIDE PORTS, CW, UNC
P2-105-0226-06□	SIDE PORTS, CW, UNC, THRU
P2-105-0226-07□	SIDE PORTS, CW, METRIC
P2-105-0226-08□	SIDE PORTS, CW, METRIC, THRU



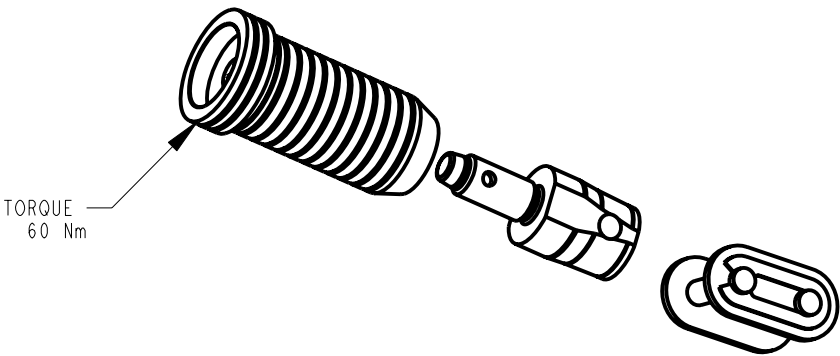
TORQUE CONTROL CARTRIDGE
ITEM 19



KIT SWASH PLATE
ITEM 7

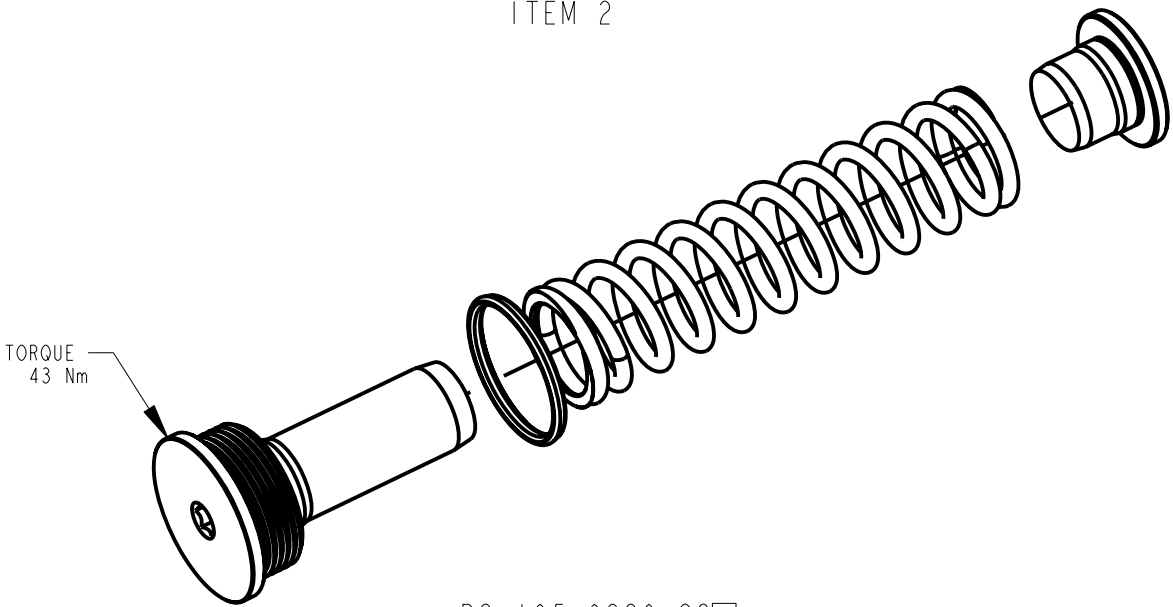


KIT SERVO PISTON
ITEM 23



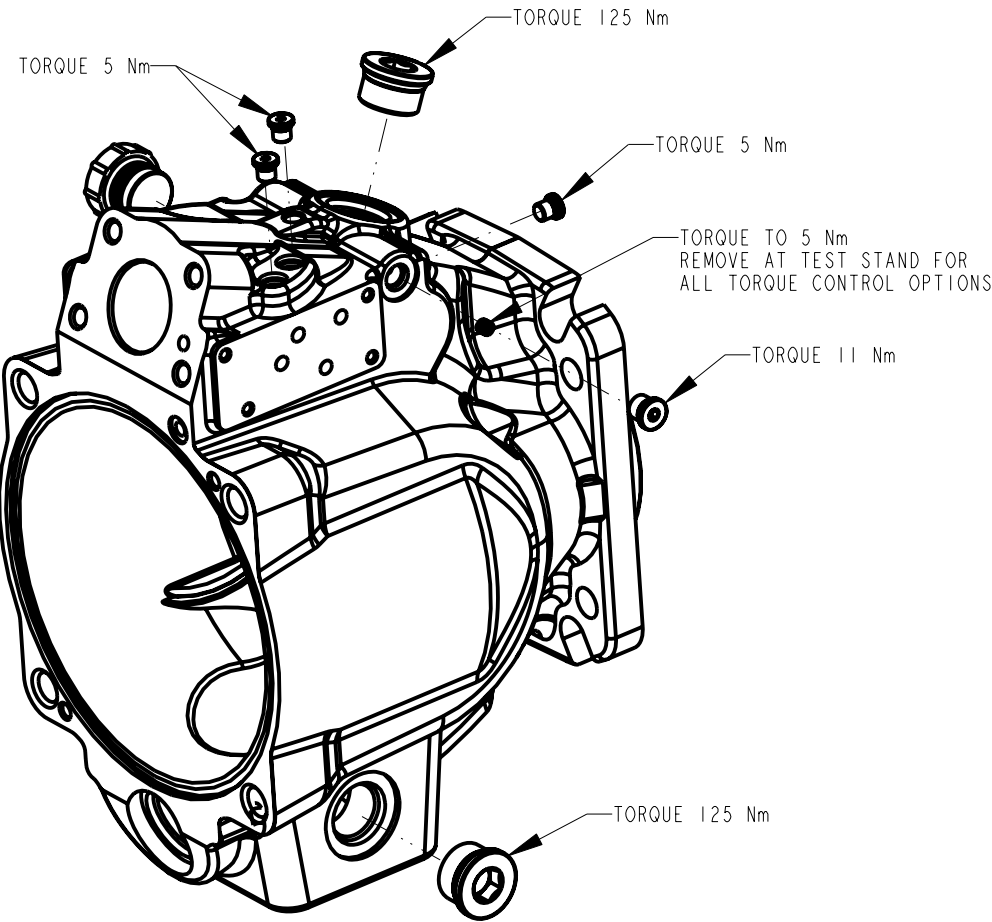
PART NUMBER	DESCRIPTION	
P2-105-0229-19	KIT SERVO PISTON 40%	USED EXEPT WITH TC & TD OPTION
P2-105-0229-20	KIT SERVO PISTON 70%	USED WITH TC & TD OPTION

KIT SERVO SPRING
ITEM 2



P2-105-0229-22□

KIT HOUSING
ITEM 18



PART NUMBER	DESCRIPTION
P2-105-0221-40□	MACHINING C-PILOT 1 SEAL METRIC HOUSING
P2-105-0221-41□	MACHINING C-PILOT 2 SEAL METRIC HOUSING
P2-105-0221-44□	MACHINING C-PILOT 1 SEAL UNC HOUSING
P2-105-0221-45□	MACHINING C-PILOT 2 SEAL UNC HOUSING

TITLE	SERVICE PARTS P2105 DESIGN SERIES 15	DRAWING NUMBER	P2-105-0411	REVISION	NONE	STATUS	PR	SHEET 7 OF 8
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ASSEMBLY, DIS-ASSEMBLY AND REPAIR NOTES

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



DRAWN BY	L. NAGEL	DATE	10JUL09	CHANGED BY	-	DATE	-	ECN NUMBER	710409
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NOTES:



