SPX POWER TEAM

SPX Corporation
2121 West Bridge Street
Owatonna, MN 55060 USA
Phone: (507) 455-7100
Tech. Services: (800) 477-8326
Fax: (800) 765-8326
Order Entry: (800) 541-1418
Fax: (800) 288-7031

International Sales: (507) 455-7150
Fax: (507) 455-7122

Internet Address:
http://www.powerteam.com

Form No. 100751

Parts List for:

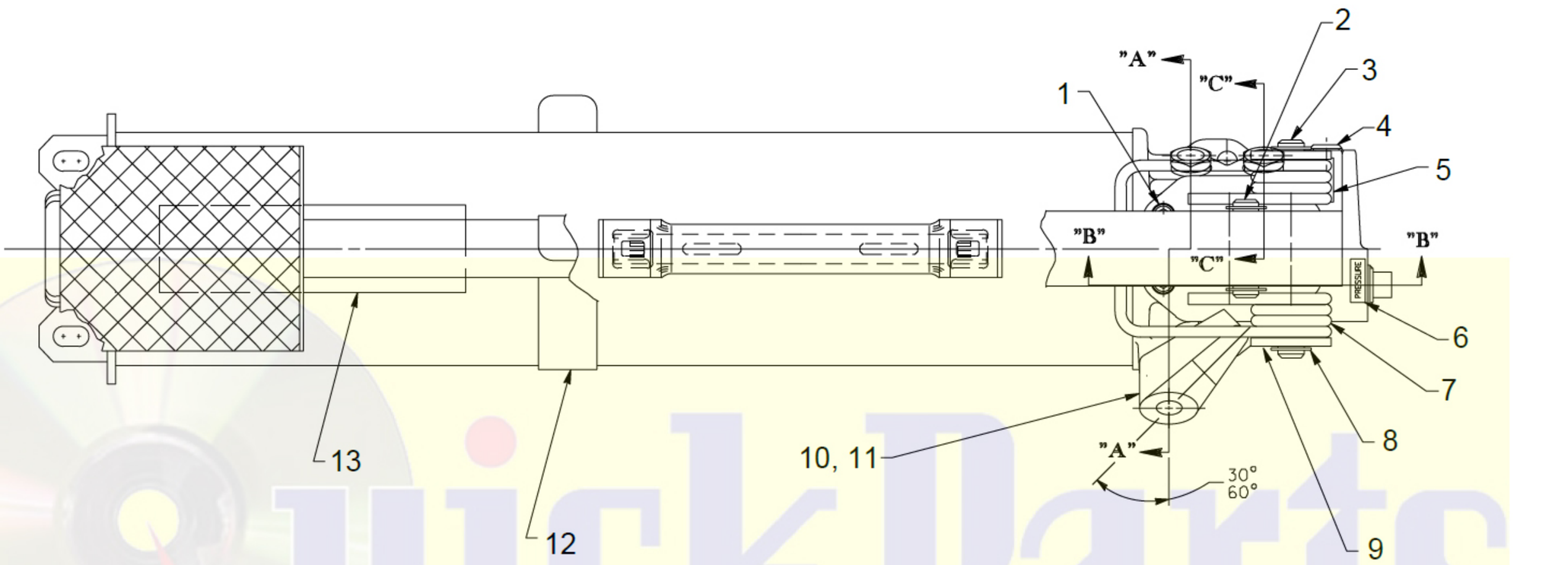
62072

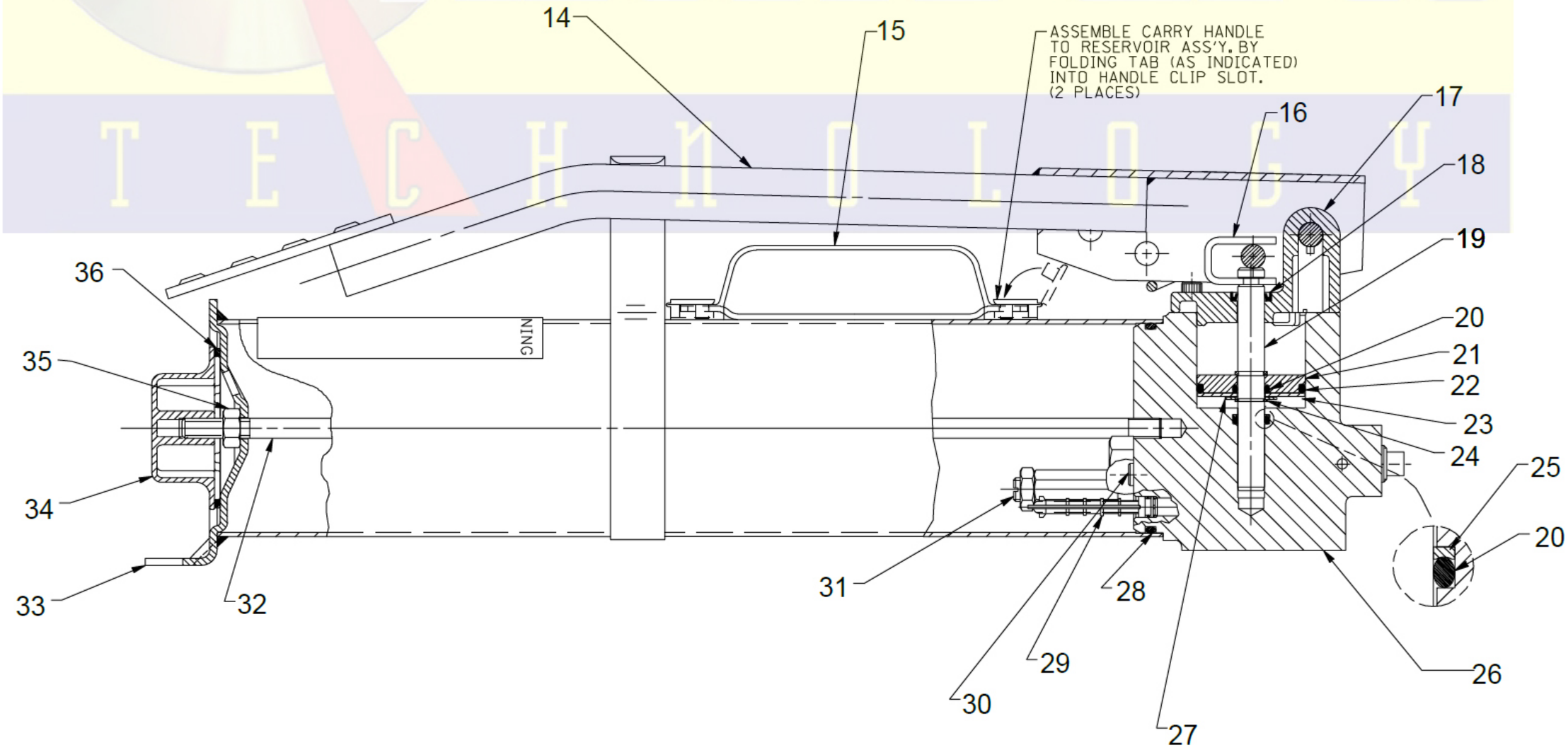
TWO-STAGE

HYDRAULIC FOOT PUMP ASSEMBLY

With Two-Way Valve

To Parts List





QuickParts
ТЕСНОЛОСУ

Rev. Date: 10 Dec. 1994

Litho in USA

Parts List, Form No. 100751, Back sheet 1 of 3

Item No.	Part No.	No. Req'd	Description
1	**10008**	4	Cap Screw (1/4-20 UNC x 3/4 Lg.)
2	**†211742**	1	Dowel Pin (7/16 dia. x 1-3/4 Lg.)
3	**†214883**	1	Dowel Pin (7/16 dia. x 3-25/32 Lg.)
4	**14972**	1	Drive Plug (Female - 1/4 NPTF)
5	**†215300**	1	Gauge Decal
6	**†215301**	1	Pressure Gauge
7	**†47374**	1	Double Torsion Spring
8	**†211743**	4	Retaining Ring (Note: Expand to .440 max. dia. during installation)
9	**†214884**	2	Spring Retainer
10	**21643**	1	Knob
11	**10556**	2	Set Screw (1/4-20 x 1/4 Lg.; Torque to 50/70 in. lbs.)
12	**†308588**	1	Handle Retainer
13	**†305977**	1	Warning Decal
14	**†53109PR2**	1	Foot Lever Assembly
15	**58048**	1	Carry Handle
16	**†211470**	1	Piston Clop
17	***58031**	1	Pump Body Cap
18	**15092**	1	Rod Wiper
19	**214950**	1	High Pressure Piston (Includes retaining ring)
20	**10271**	2	O-ring (11/16 x 1/2 x 3/32, -112)
21	**47127**	1	Low Pressure Piston
22	**10294**	1	O-ring (2" x 1-3/4 x 1/8, -224)
23	**214690**	1	Low Pressure Piston Washer
24	**11581**	1	Retaining Ring
25	**213987**	1	O-ring Backup Washer (-112)
26	**61804**	1	Pump Body
27	**215727**	1	Plain Special Washer
28	**214693**	1	O-ring (3-7/8 x 3-5/8 x 1/8, -239)
29	**215075**	1	Filter Plug
30	**10427**	1	Drive Plug (Female - 1/8 NPTF)
31	**207975-84**	1	Relief Valve (Set at 8,000/8,400 PSI)
32	**211547**	1	Tie Rod (Note: Screw in tie rod until it bottoms out in pump body.)
33	**58041**	1	Cap and Reservoir Assembly
34	**52711**	1	Reservoir Cap (Torque to 80/100 in. lbs.)
35	**10204**	1	Nut (3/8-16; Torque to150/170 in. lbs.)
36	**212739**	1	Fill Cap Gasket

Part numbers marked with a dagger (†) are shipped loose and unassembled. Refer to parts list illustrations and page 3 of 3 for assembly instructions.

*NOTE: When ordering the pump body cap (Item No. 17), also order rod wiper (Item No. 18) for replacement.

To Drawing

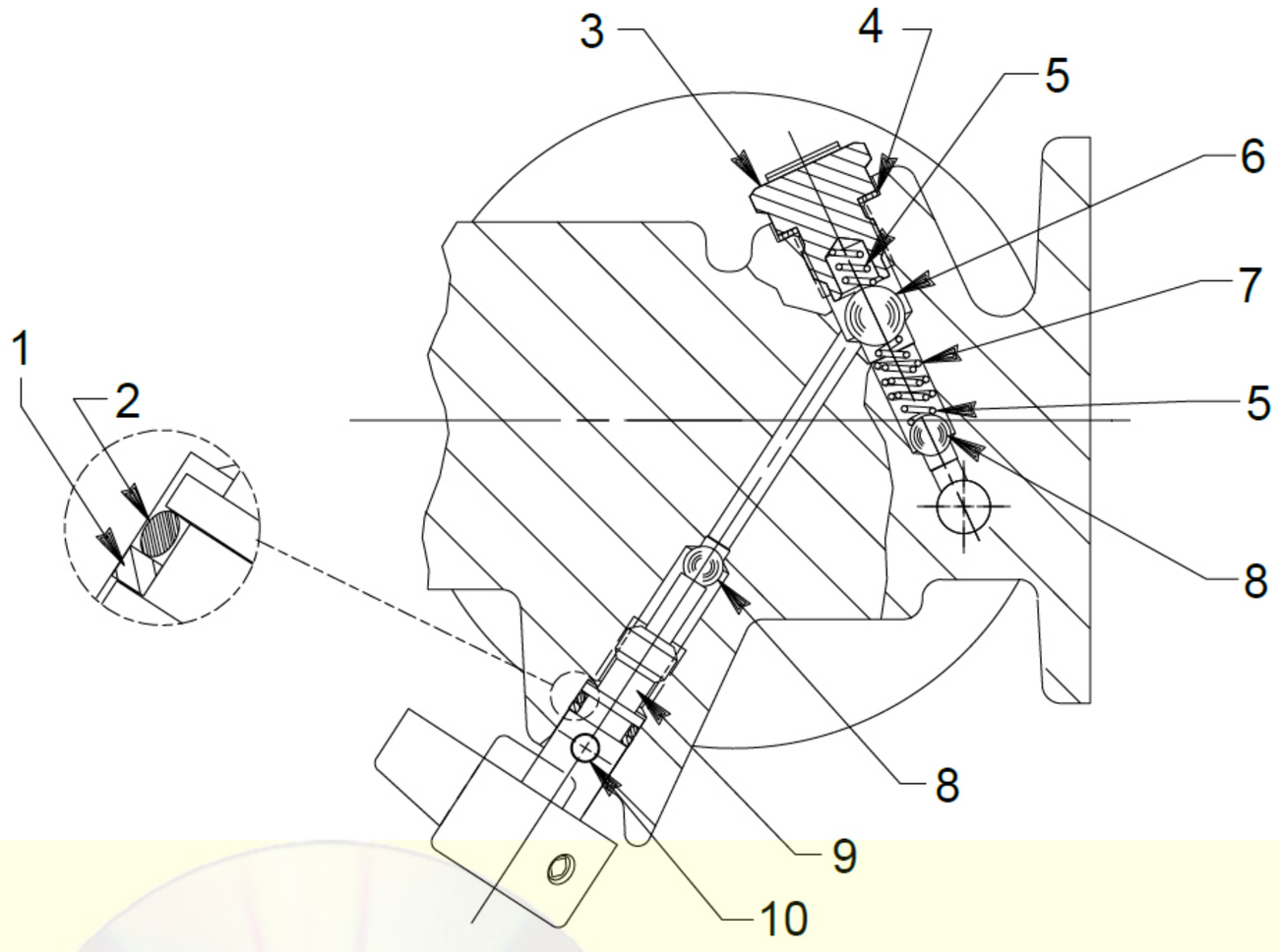
Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found on this parts list have been carefully tested and selected. **Therefore: Use only genuine Power Team replacement parts!**

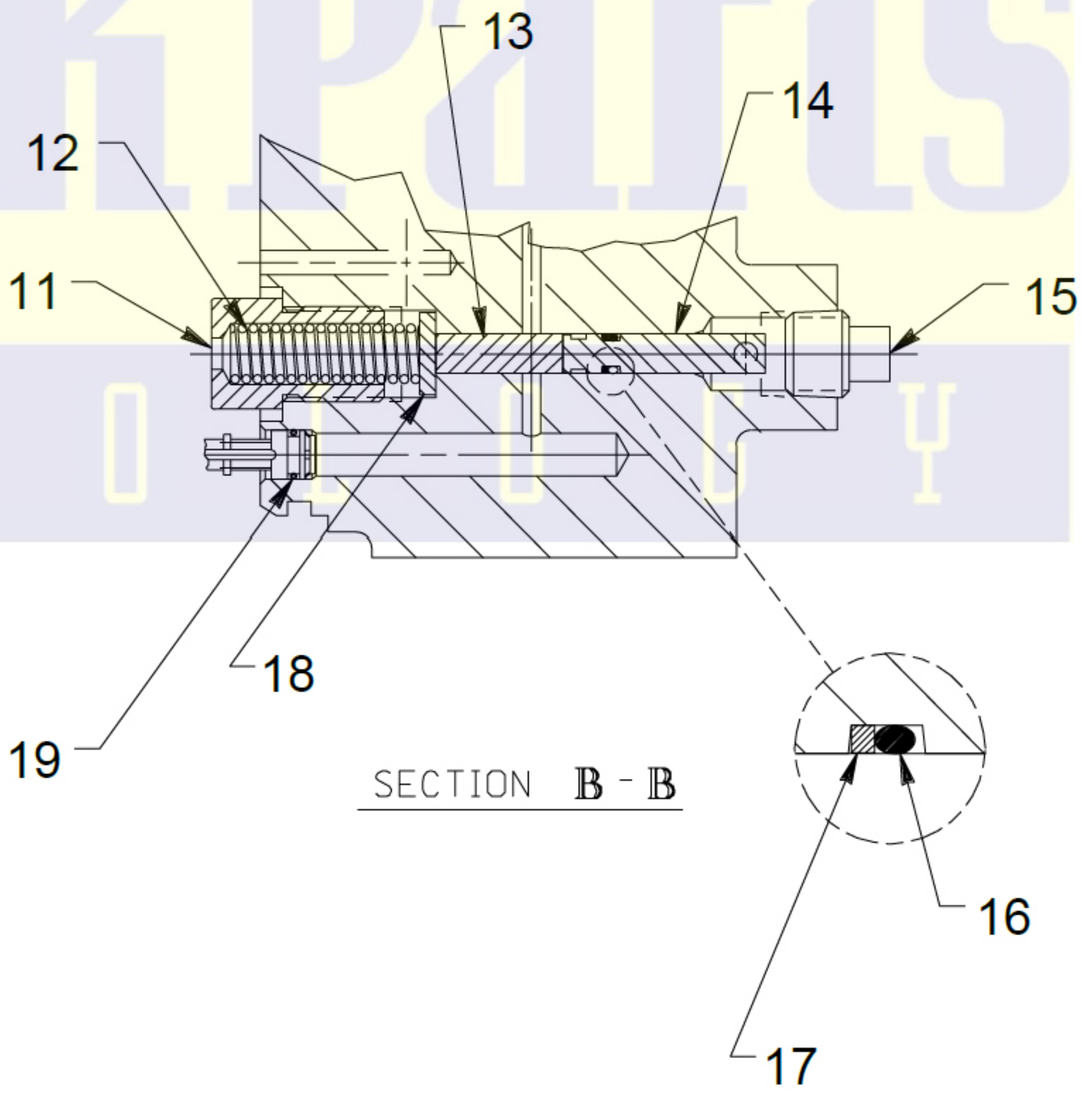
Additional questions can be directed to our Technical Services Department.

SECTION VIEWS

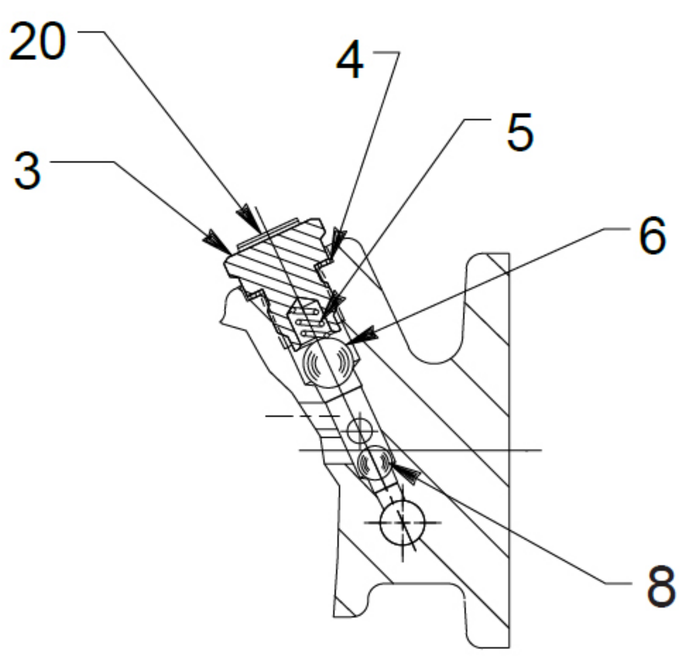
To Parts List



SECTION A - A



SECTION B - B



SECTION C - C

QuickParts ТЕСНОЛОГІЇ

Sheet No.	2 of 3
Rev.	Date: 10 Dec. 1994

Parts List, Form No. 100751, Back sheet 2 of 3

Item No.	Part No.	No. Req'd	Description
1	**15085**	1	O-ring Backup Washer (-011)
2	**10267**	1	O-ring (7/16 x 5/16 x 1/16, -011)
3	**305975**	2	Valve Screw (Torque to 350/370 in. lbs.)
4	**14874**	2	Copper Washer (.700 X 1/2 X 1/32)
5	**10444**	3	Compression Spring (3/16 I.D. X 13/32 Lg.)
6	**10378**	2	Steel Ball (3/8 dia.)
7	**211797**	1	Compression Spring (5/32 O.D. X 5/8 Lg.)
8	**10375**	3	Steel Ball (1/4 dia.)
9	**350185**	1	Release Valve Screw (When ordering this, also order nylon ball [Item#10])
10	**15523**	1	Nylon Ball (Note: Push in nylon ball until it bottoms out in hole. Permissible to flatten ball during installation.)
11	**308430**	1	Spring Retainer
12	**214694**	1	Compression Spring (1/2 O.D. X 2-1/8 Lg.)
13	**14588**	1	Dowel Pin
14	**214691**	1	Unloading Valve Piston
15	**11127**	1	Square Drive Plug (3/8 NPTF)
16	**10265**	1	O-ring (-008)
17	**15174**	1	O-ring Backup Washer (-008)
18	**214692**	1	Unloading Valve Washer
19	**12557**	1	O-ring (11/32 X 7/32 X 1/16, -009)
20	**†215907**	2	Decal ("Do Not Remove")

Part numbers marked with a dagger (†) are shipped loose and unassembled. Refer to parts list illustrations and page 3 of 3 for assembly instructions.

PartsTech
TECHNOLOGY

To Drawing

ASSEMBLING the FOOT LEVER to the PUMP

1. Position the spring under the foot assembly (see Figure 1) and align the holes of the spring with the front holes of the foot lever.

2. Position the foot lever and spring over the protrusion in the pump body cap and align hole in protrusion with those of the spring. Lubricate the longer dowel pin (#214883) and insert it through the spring, foot lever and pump body cap protrusion. Place a spring retainer over each end of the pin and slide them into the spring. Place a retaining ring on each end of pin.

3. Connect the foot lever to the piston by inserting the shorter dowel pin (#211742) through the second holes in the foot lever and through the piston clip. Place a retaining ring on each end of this pin.

4. Attach the handle holder around the reservoir as shown in Figure 2 and secure the foot lever in it.

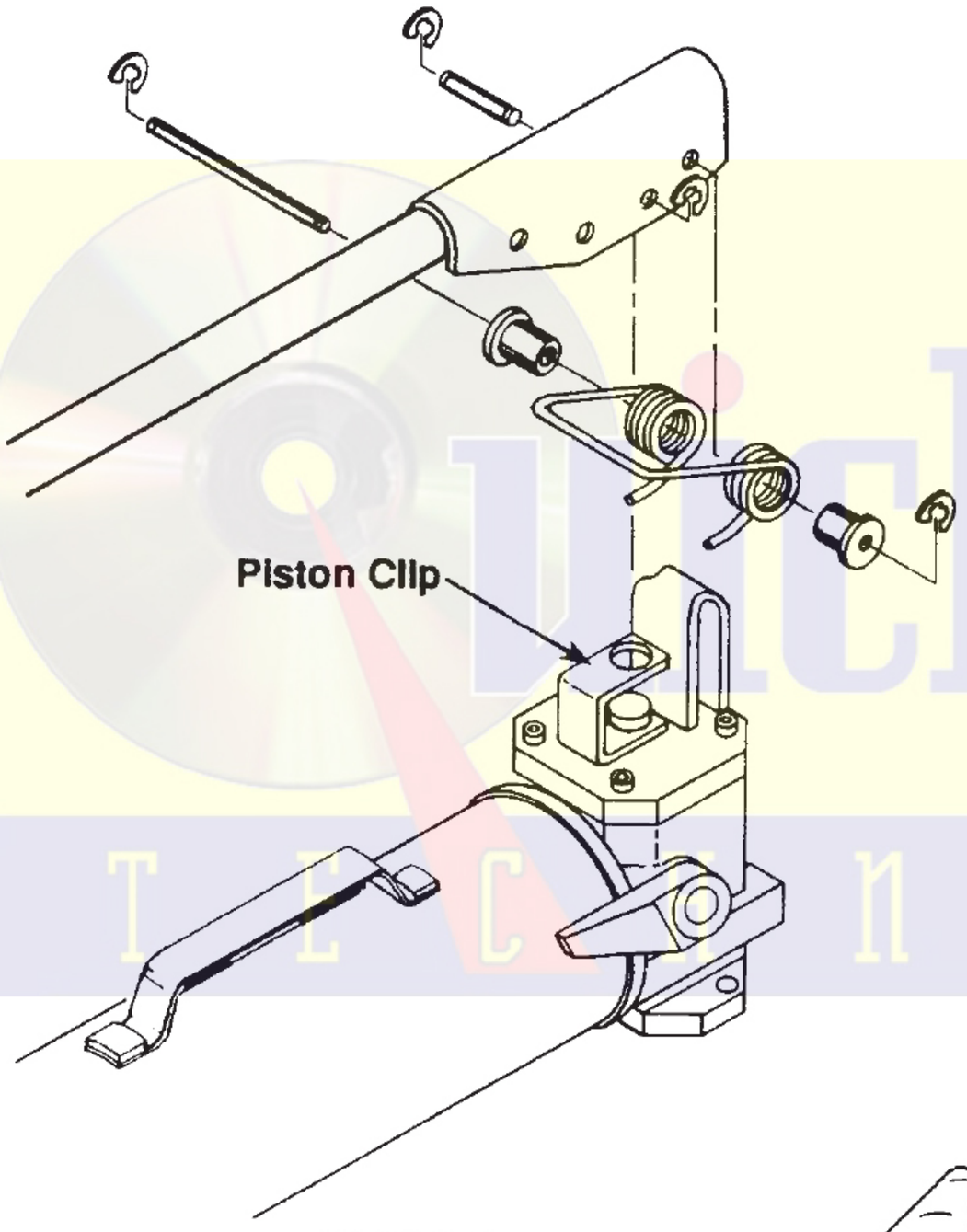


FIGURE 1

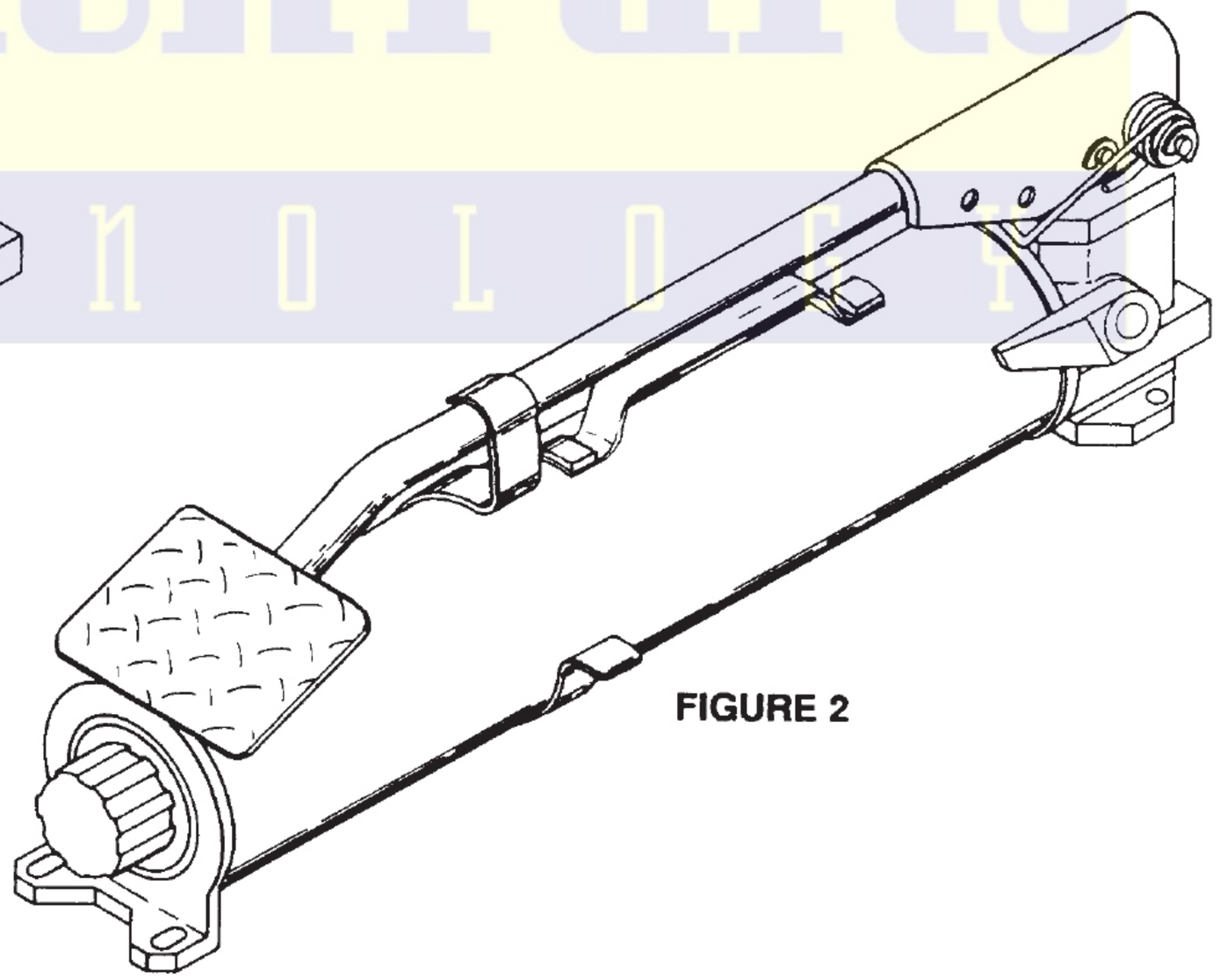
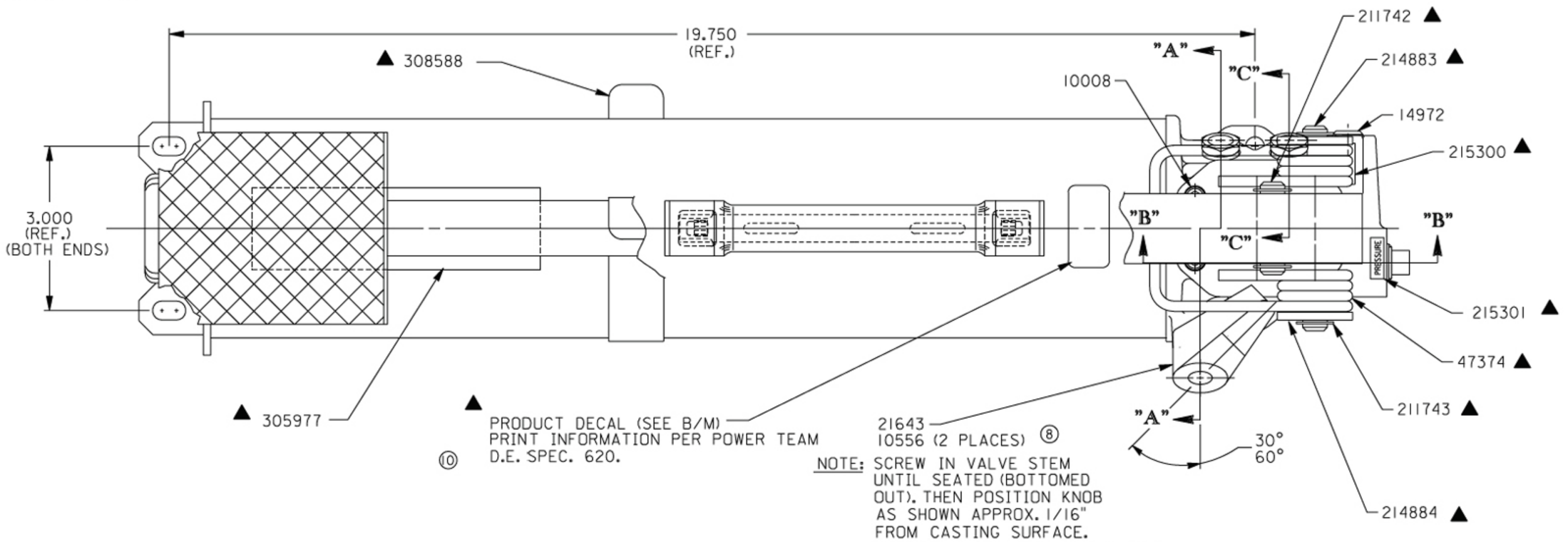


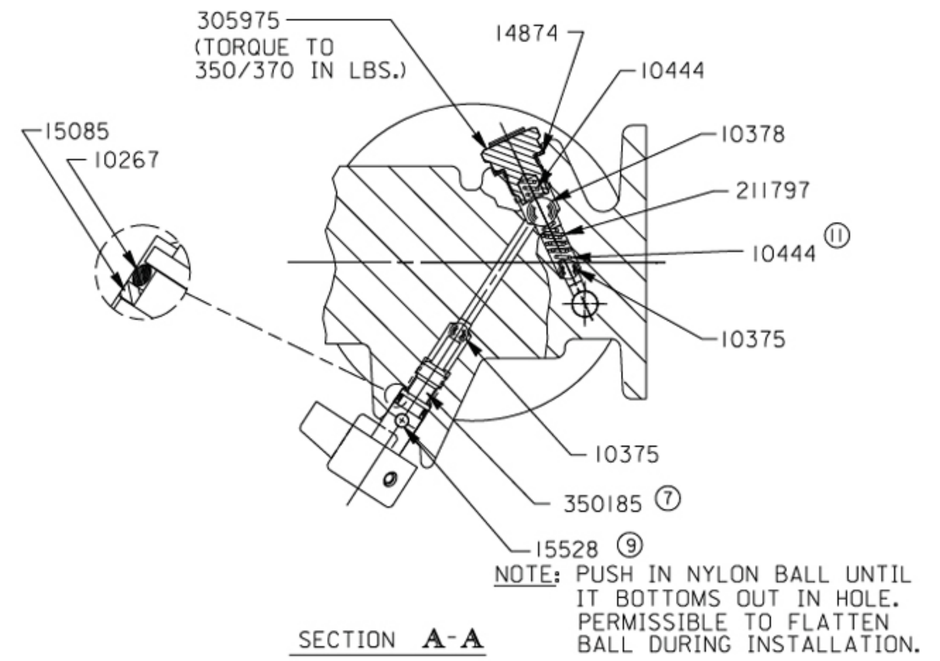
FIGURE 2

Note: Shaded areas reflect last revision(s) made to this form.

DO NOT SCALE DRAWINGS

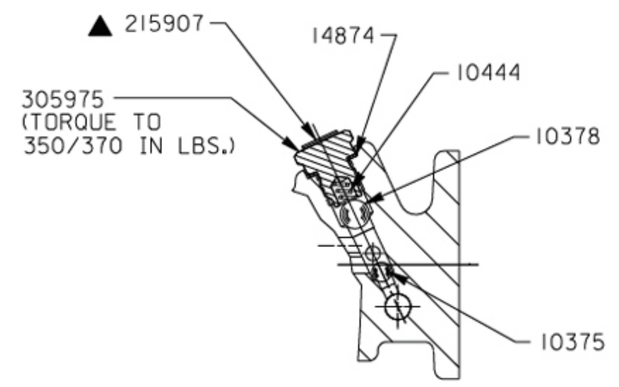
REPORT ERRORS TO ENGINEERING DEPT.





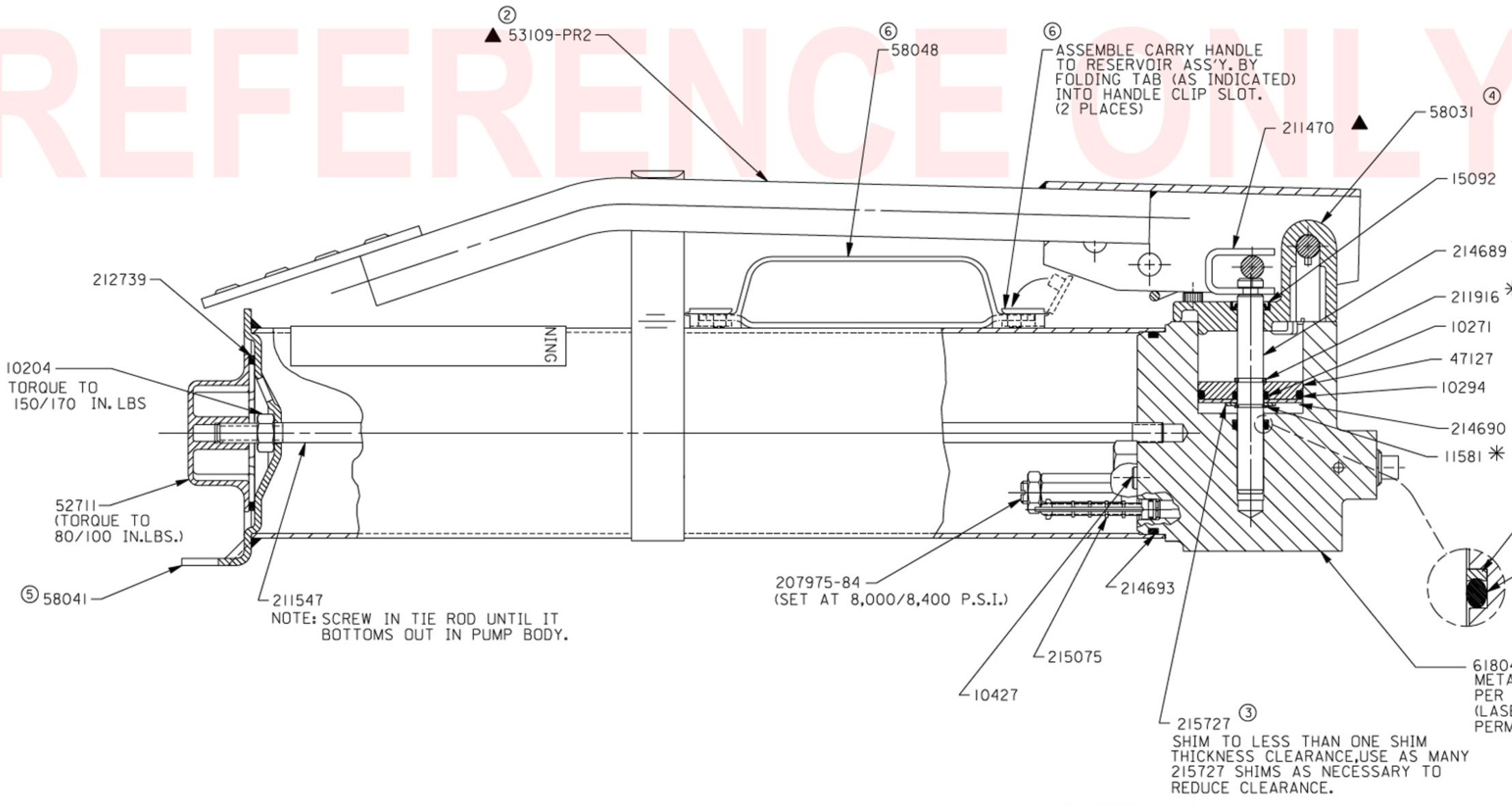
NOTE: PUSH IN NYLON BALL UNTIL IT BOTTOMS OUT IN HOLE. PERMISSIBLE TO FLATTEN BALL DURING INSTALLATION.

SECTION A-A

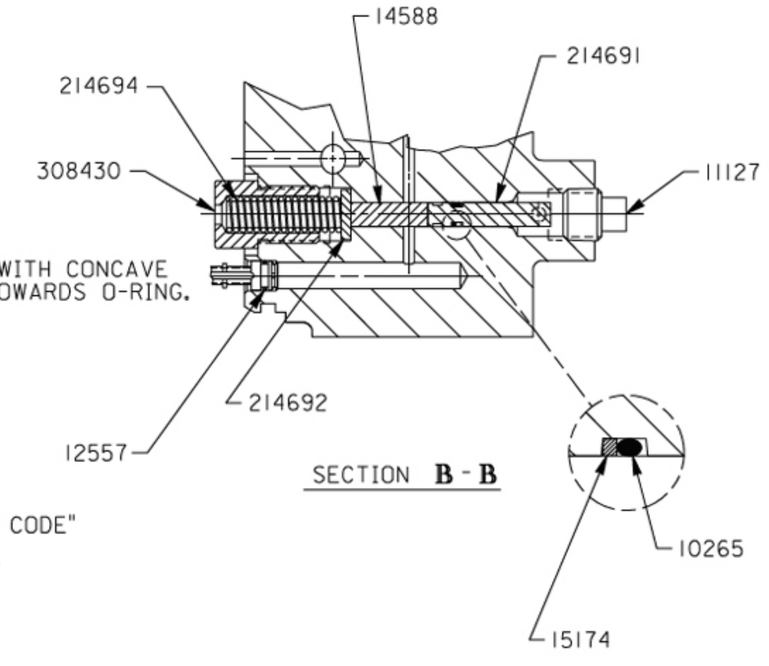


REFERENCE ONLY

VOID DESIGN DRAWING



SECTION C-C



SECTION B-B

FOR D.E. REF. ONLY:

USABLE OIL = 137.3 CU. IN. OF USABLE OIL WHEN FILLED WITH 152.6 CU. IN.
VOLUME PER STROKE = 2.600 CU. IN./STROKE (LOW PRESSURE)/ .160 CU. IN./STROKE (HIGH PRESSURE).
HANDLE EFFORT = 140 LBS. AT 10,000 P.S.I.
WEIGHT = APPROX. 25 LBS

✳ FOR REPAIR REPLACEMENT OF PISTON (214689) AND RETAINING RING (211916) USE PART NO. 214950.

VOID
SEE MICROFILM FILE FOR VOID DATE

FOR REPAIR KIT SEE 300487

PART NO.

SPX POWER TEAM SPX Corporation 2121 West Bridge Street Owatonna, MN 55060 USA

PUMP, HYD. FOOT
TWO-SPEED 10,000 P.S.I.
300 P.S.I. UNLOADING

CODE NO.

DWG. NO. 62072

VOID DESIGN DRAWING

VOID DESIGN DRAWING