

*SPX Corporation
5885 11th Street
Rockford, IL 61109-3699 USA*

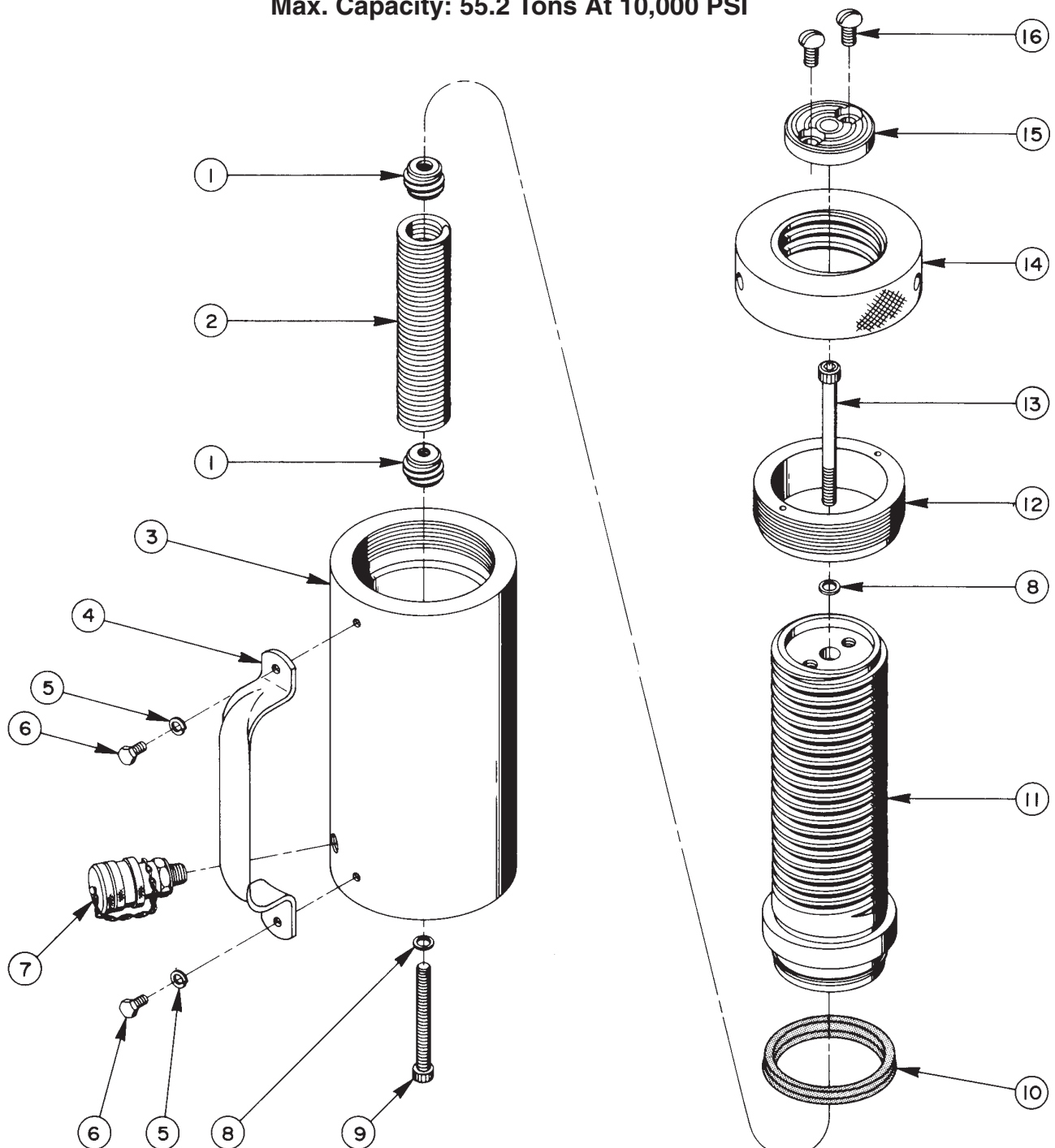
Tech. Services: (800) 477-8326
Fax: (800) 765-8326
Order Entry: (800) 541-1418
Fax: (800) 288-7031

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

Parts List for:

RA556L

**SINGLE-ACTING, SPRING RETURN
HYDRAULIC CYLINDER**
Max. Capacity: 55.2 Tons At 10,000 PSI



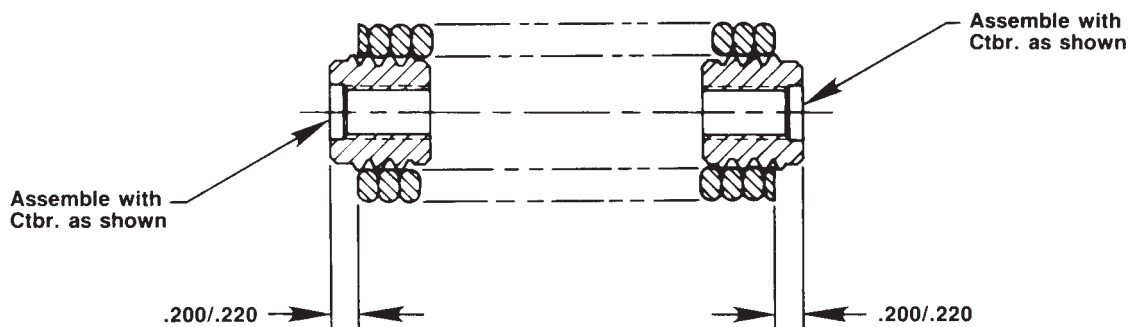
Item No.	Part No.	No. Req'd	Description
1	201417	2	Spring Retainer (See diagram below)
2	201488	1	Extension Spring (See diagram below)
3	51585	1	Cylinder Body
4	35903	1	Handle
5	10244	2	Lockwasher
6	10005	2	Cap Screw (1/4-20 x 1/2 Lg.)
7	9796	1	Ram Half Coupler w/ Plastic Dust Cap
8	*12042	2	Copper Washer (9/16 X 3/8 X 1/32)
9	16110	1	Cap Screw (3/8-16 UNC X 3-1/2 Lg.; Torque to 400/425 in. lbs.)
10	*13411	1	U-cup
11	52202	1	Piston
12	45635	1	Retainer Nut (Torque to 90/100 ft. lbs.)
13	12300	1	Cap Screw (3/8-16 UNC x 4" Lg.; Torque to 400/425 in. lbs.)
14	45634	1	Locking Ring
15	304952	1	Front Plate
16	16112	2	Machine Screw (3/8-16 UNC X 3/4 Lg.; Torque to 50/60 in. lbs.)

PARTS INCLUDED BUT NOT SHOWN

200056	1	Locknut Handle
210210	1	Trade Name Decal
*304937	1	Warning Decal
*37782	1	Caution Decal

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300395.

SPRING & RETAINER ASSEMBLY



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

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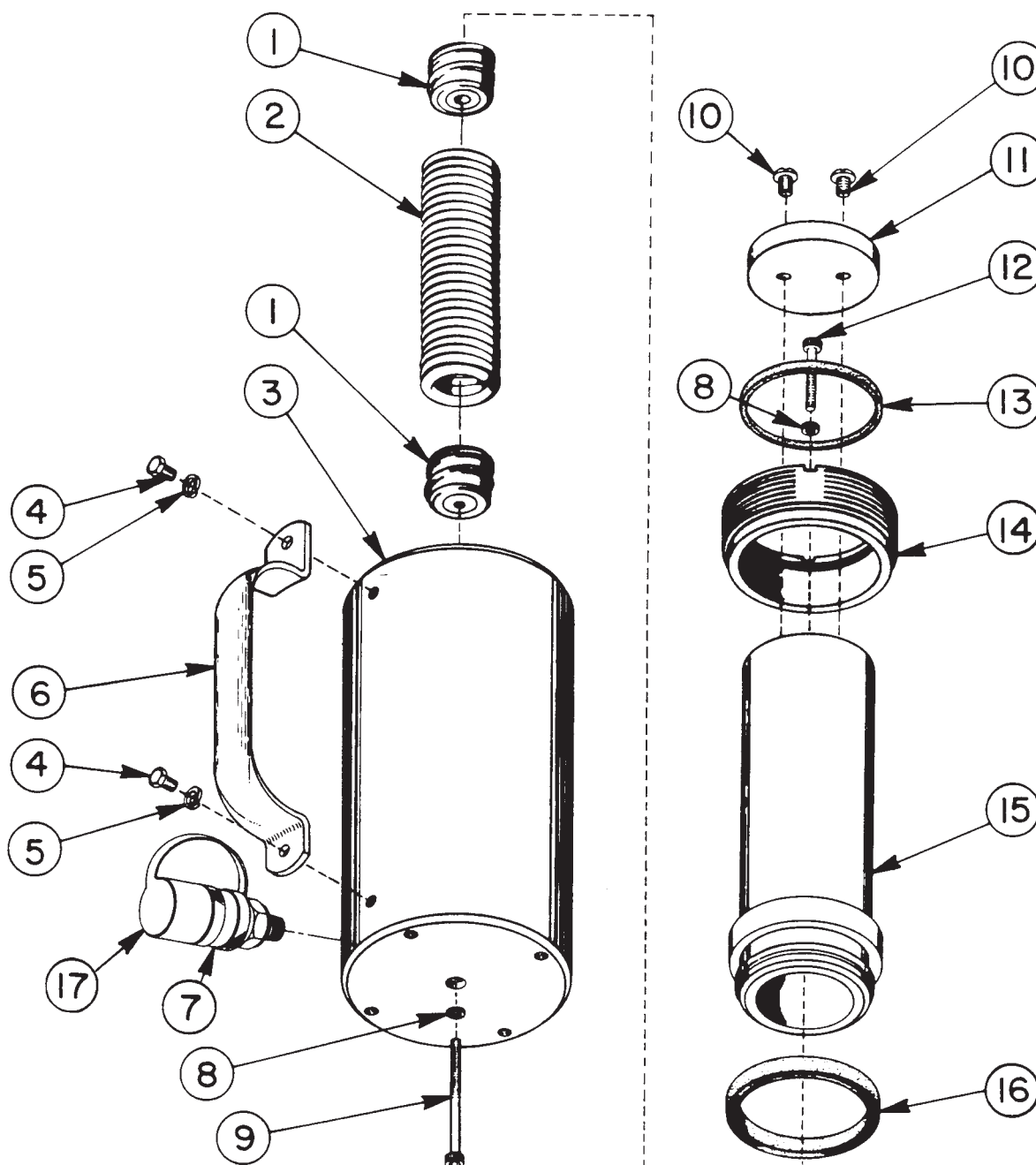
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Parts List for:

4111 RA5513
RA552 YAS-55
RA556

MODEL B
SINGLE-ACTING, SPRING RETURN
HYDRAULIC CYLINDER
Max. Capacity: 55.2 Tons At 10,000 PSI



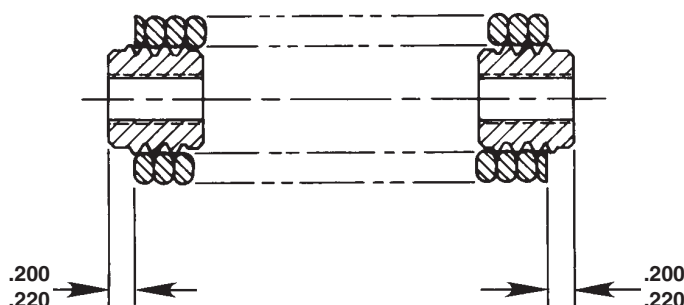
Sheet No. 1 of 1

Rev. 1 Date: 14 Mar 2003

Parts List, Form No. 100406, Back sheet 1 of 1

Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	36170	2	Spring Retainer	11	36161	1	Front Plate
2	201483	1	Extension Spring (For RA556, YAS-55, 4111)	12	12577	1	Soc. Hd. Cap Screw (3/8-16 UNC x 1-3/4 Lg.; Torque to 400/425 in. lbs. [For RA552, RA556, YAS-55, & 4111])
	204429	1	Extension Spring (For RA552)	13	*28851	1	Wiper
	201484	1	Extension Spring (For RA5513)	14	35897	1	Retainer Nut (Torque to 90/100 ft. lbs.)
3	51585	1	Cylinder Body (For RA556, YAS-55, & 4111)	15	43871	1	Piston (For RA556, YAS-55, & 4111)
	52018	1	Cylinder Body (For RA552)		52017	1	Piston (For RA552)
	61047	1	Cylinder Body (For RA5513)		52021	1	Piston (For RA5513)
4	10005	2	Hex Hd. Cap Screw (1/4-20 UNC X 1/2 Lg.; All except RA552)	16	*15916	1	U-cup Piston Seal
5	10244	2	Lockwasher (All except RA552)	17	9866	1	Dust Cap (For 4111 & YAS-55)
6	35903	1	Handle (For RA556, YAS-55, & 4111)	PARTS INCLUDED BUT NOT SHOWN			
	303493	1	Handle (For RA5513)	*37782	1	Decal, Warning (For RA556, YAS-55, & 4111)	
7	9796	1	Coupler w/Dust Cap (For RA552, RA556, & RA5513)	*203908	1	Decal, Warning (For RA552 & RA5513)	
	25600-1	1	Ram Half Coupler (For 4111, & YAS-55)	303463	1	Decal, Trade Name (For RA552)	
8	*12042	2	Copper Washer (9/16 X 3/8 X 1/32)	44982	1	Decal, Trade Name (For RA5513)	
9	16110	1	Soc. Hd. Cap Screw (3/8-16 UNC X 3-1/2 Lg.; Torque to 400/425 in. lbs. [For RA556, YAS-55, 4111])	205801	1	Decal, Trade Name (For RA556)	
	10984	1	Soc. Hd. Cap Screw (3/8-16 UNC x 1-1/2 Lg.; Torque to 400/425 in. lbs. [For RA552])	207115	1	Decal, Trade Name (For YAS-55)	
	16110	2	Soc. Hd. Cap Screw (3/8-16 UNC X 3-1/2 Lg.; Torque to 400/425 in. lbs. [For RA5513])	209284	1	Decal, Trade Name (For 4111)	
10	16112	2	Sl. Rd. Hd. Machine Screw (3/8-16 UNC X 3/4 Lg.; Torque to 50/60 in. lbs.)	Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300167.			

SPRING & RETAINER ASSEMBLY



NOTE: When a new Model C piston (Item #15) is used to replace the piston in a Model B Cylinder, a new Model C style packing (Item #16) must also be replaced.

Model C Pistons & U-cup

15	52190	1	Piston (For RA556, 4111, & YAS-55)
	52189	1	Piston (For RA552)
	52191	1	Piston (For RA5513)
16	13411	1	U-cup Piston Seal

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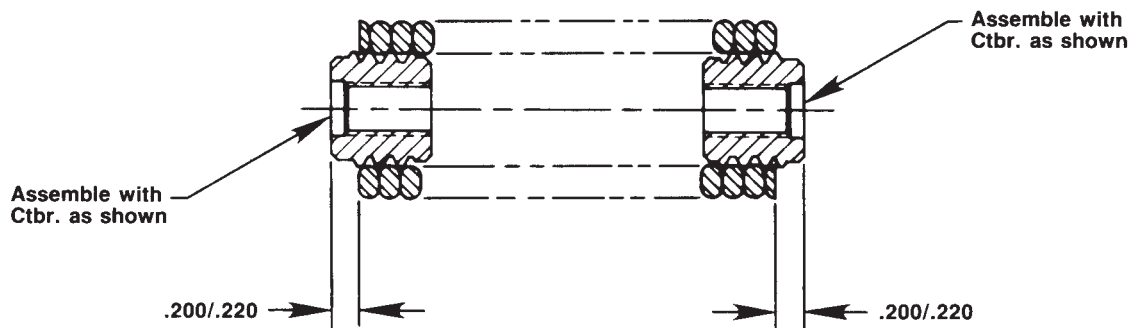
Item No.	Part No.	No. Req'd	Description
1	201417	2	Spring Retainer (See diagram below)
2	201475	1	Extension Spring (See diagram below)
3	59155	1	Cylinder Body
4	35903BK2	1	Handle
5	10244	2	Lockwasher
6	10005	2	Cap Screw (1/4-20 UNC X 1/2 Lg.)
7	9796	1	Ram Half Coupler/Dust Cap (For RA556L)
	1P-2375	1	Ram Half Coupler (For 1U-7551)
8	*12042	2	Copper Washer (9/16 X 3/8 X 1/32)
9	16110	1	Cap Screw (3/8-16 UNC X 3-1/2 Lg.; Torque to 400/425 in. lbs.)
10	*13411	1	U-cup
11	52606	1	Piston
12	45635	1	Retainer Nut (Torque to 400/425 in. lbs.)
13	11531	1	Cap Screw (3/8-16 UNC X 2" Lg.; Torque to 90/100 in. lbs.)
14	45634	1	Locking Ring
15	304952	1	Front Plate
16	16112	2	Machine Screw (3/8-16 UNC X 3/4 Lg.)

PARTS INCLUDED BUT NOT SHOWN

200056	1	Locknut Handle
13758	1	Trade Name Decal (For 1U-7551)
251137	1	Trade Name Decal (For RA556L)
*304937	1	Warning Decal
*37782	1	Caution Decal

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300395.

SPRING & RETAINER ASSEMBLY



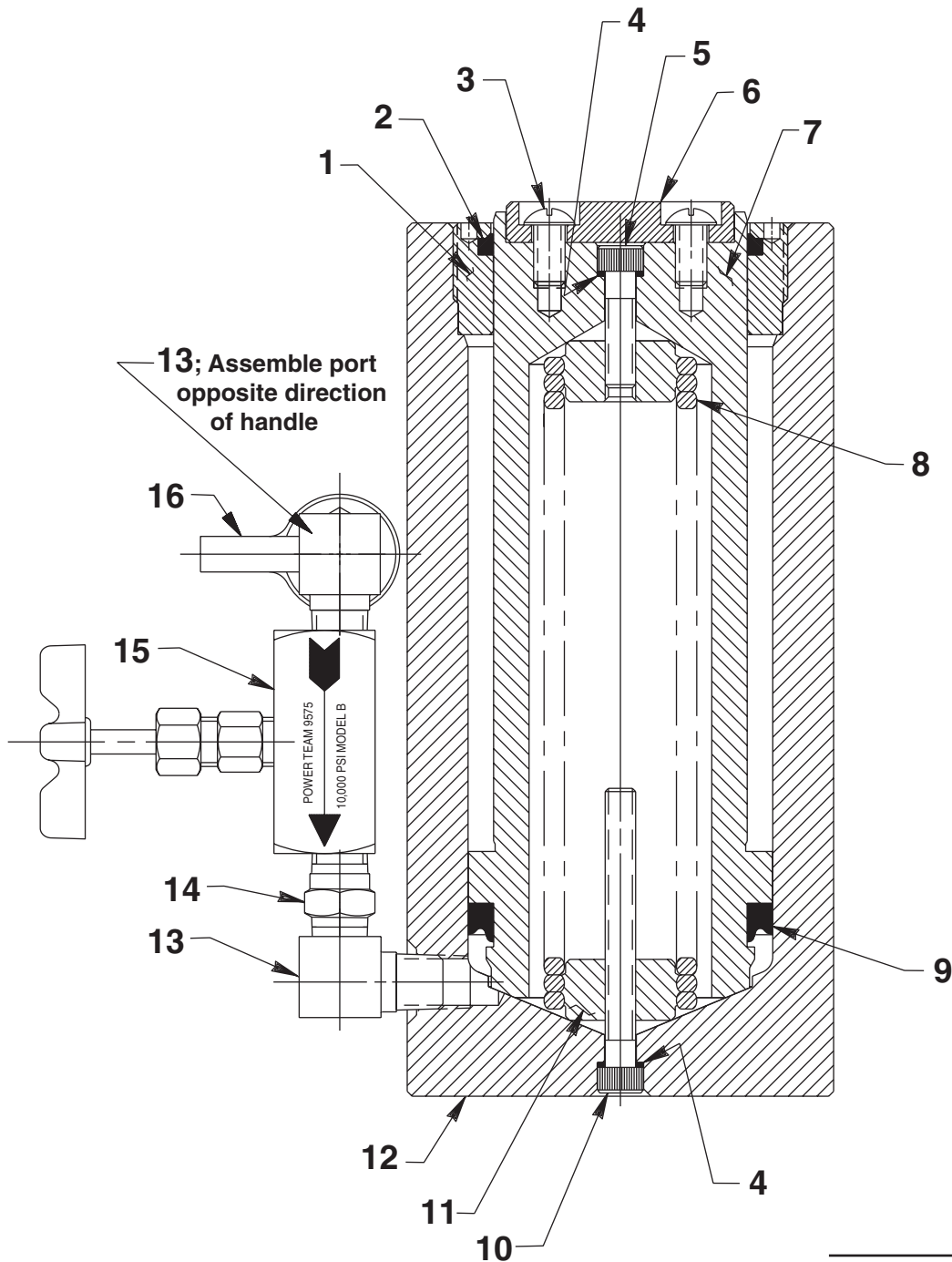
Note: Shaded areas reflect last revision(s) made to this form.

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MODEL C
SINGLE-ACTING, SPRING RETURN
HYDRAULIC CYLINDER
Max. Capacity: 55.2 Tons at 10,000 PSI



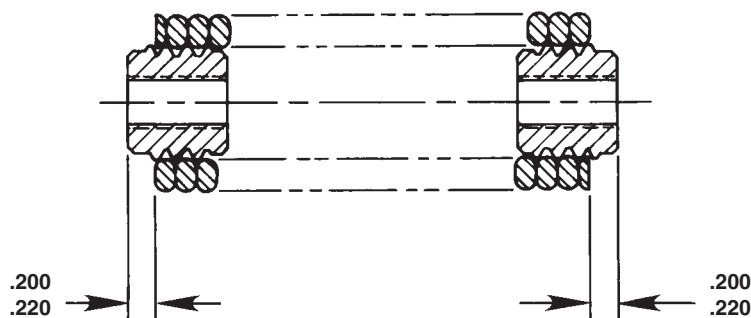
Item No.	Part No.	No. Req'd	Description
1	35897	1	Nut, Retainer (4-1/8-8; Torque to 90/100 ft. lbs. wet or dry)
2	*28851	1	U-cup (3.50 x 3.13 x .19 H)
3	16112	2	Screw, Round HD (3/8-16 x 3/4; Tighten screws securely)
4	*12042	2	Washer, Special (.56 x .38)
5	12577	1	Screw, Soc HD (3/8-16 x 1-3/4)
6	36161	1	Cap, Cylinder
7	52190	1	Piston
8	201483	1	Spring (2.0 OD x 6.13 x .26 WS)
9	*13411	1	U-cup (3.75 x 3.13 x .50 H)
10	16110	1	Screw, Soc HD (3/8-16 x 3-1/2; Torque to 400/425 in. lbs.)
11	36170	2	Retainer, Spring
12	51585	1	Body, Cylinder
13	9681	2	Fitting, Street Elbow (3/8 NPTF)
14	9682	1	Connector, Male (3/8" NPTF)
15	9575	1	Valve, Shut-off (Note: Do not torque packing nut on stem of valve more than 120 in. lbs.)
16	9796	1	Coupler, Quick Cylinder Half

PARTS INCLUDED BUT NOT SHOWN

35903BK2	1	Handle, Cylinder	
10005	2	Screw, Hex HD Cap (1/4-20 x 1/2)	} Used to mount cylinder handle.
10244	2	Washer, Lock (.49 x .26)	
350669	1	Decal, Tradename (Power Team)	
9798	1	Coupler, Quick Male	
42062	1	Plate, Bottom	} Assemble bottom of plate to bottom of cylinder with screws.
10050	4	Screw, Socket HD (3/8-16 x 1)	
37782	1	Decal, Warning	

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300391.

SPRING & RETAINER ASSEMBLY



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