POWER TEAM
HYDRAULIC TECHNOLOGIES

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Form No. 101716

Parts List for:

JM215
JM315
JM415

JACK MODULE
MAX. CAPACITY: 153.4 TONS AT 10,000 PSI

To Parts List

JM215 GENERAL ASSEMBLY

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SEE
DETAIL "B"

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WARNING

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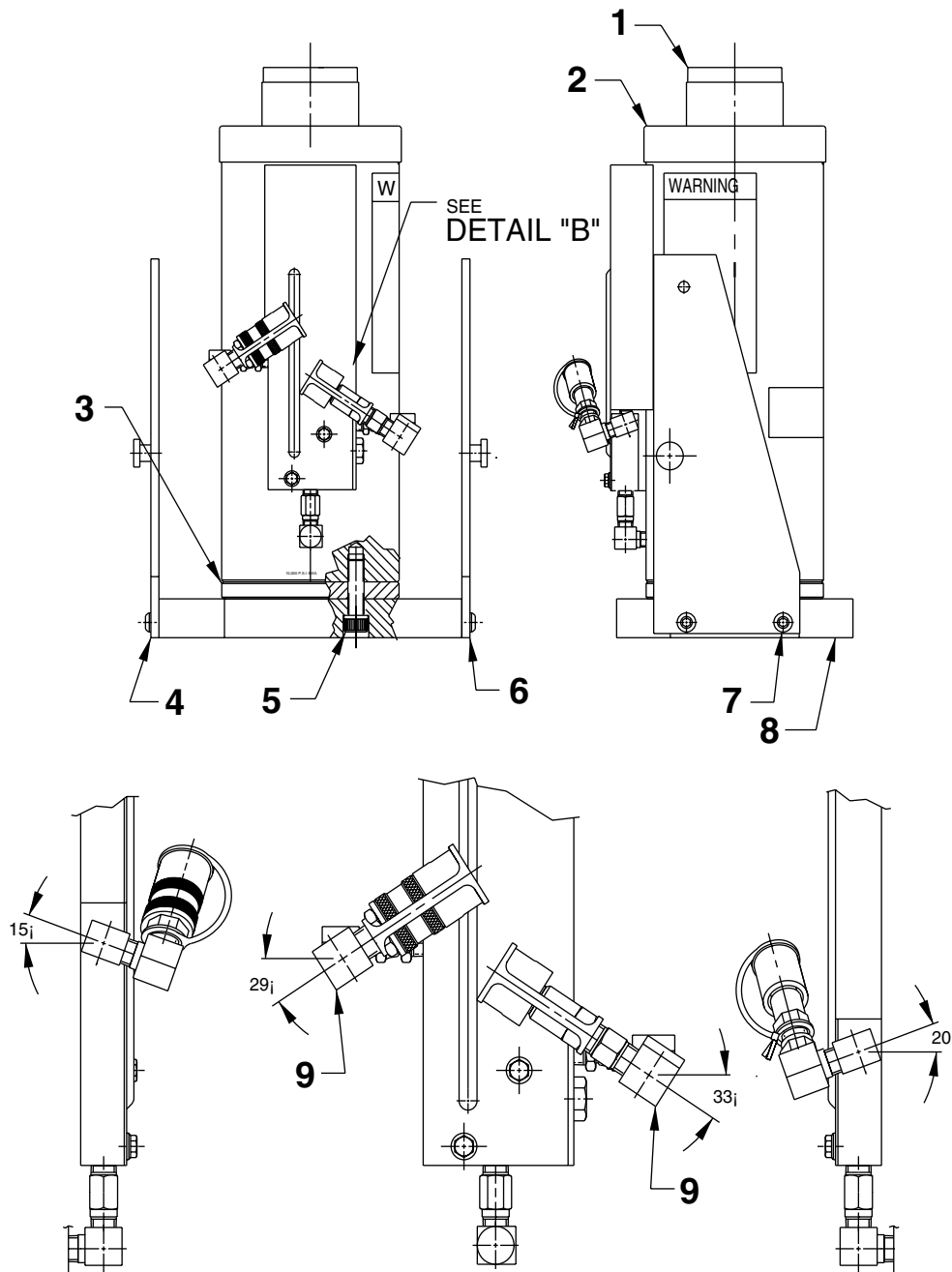
DETAIL "B"

Sheet No.	1 of 5
Rev. 1	Date: 10 Mar. 2000

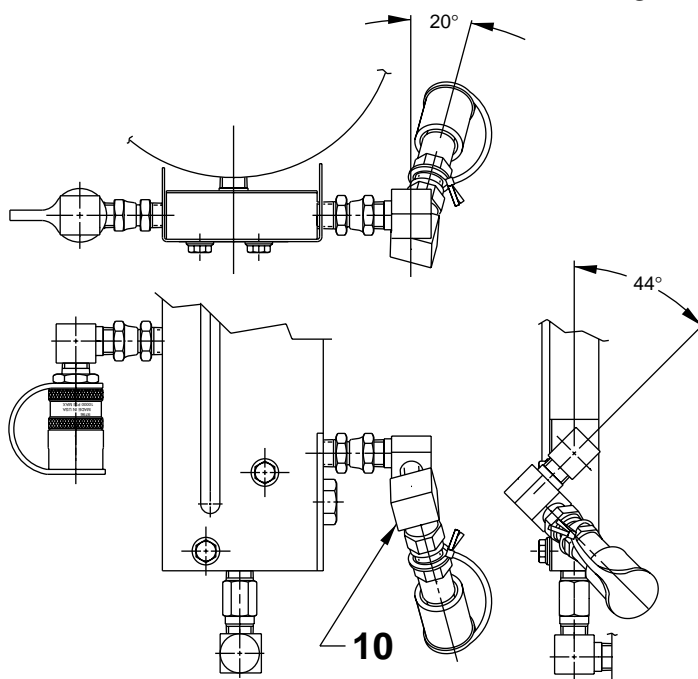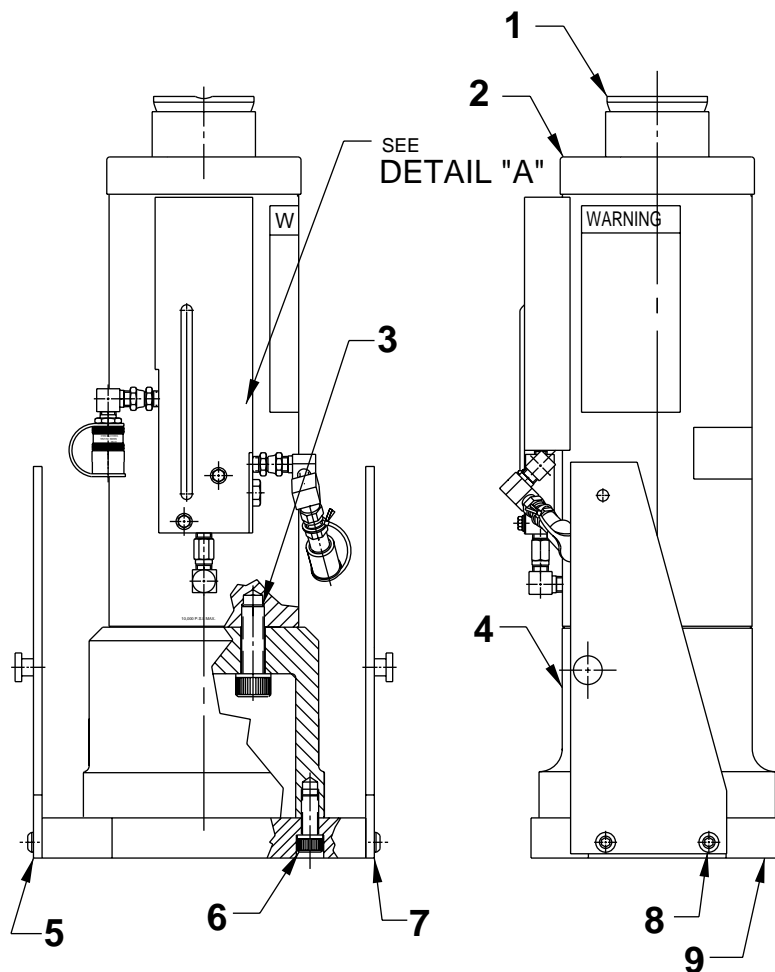| Item No.	Part No.	No. Req'd	Description
1	351328	1	Serrated Cap
2	65299	1	Cylinder Assembly (See sheet 4 of 5)
3	421368BK2	1	Cylinder Extension
4	58800BK2	1	Right Side Panel
5	252290	4	Screw (1-8 X 1-3/4 Lg.; Torque to 350/400 ft. lbs.)
6	58799BK2	1	Left Side Panel
7	252278	4	Screw (1/2-13 X 1-1/4 Lg.; Torque to 70 ft. lbs.)
8	58824BK2	1	Cylinder Base
9	9681	2	Street Elbow Fitting (Note: Rotate approximately as shown in Detail B.)

To Drawing

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

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

Items found in 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.

JM315 GENERAL ASSEMBLY

SEE
DETAIL "A"

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WARNING

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DETAIL "A"

Sheet No.	2 of 5
Rev. 1	Date: 10 Mar. 2000

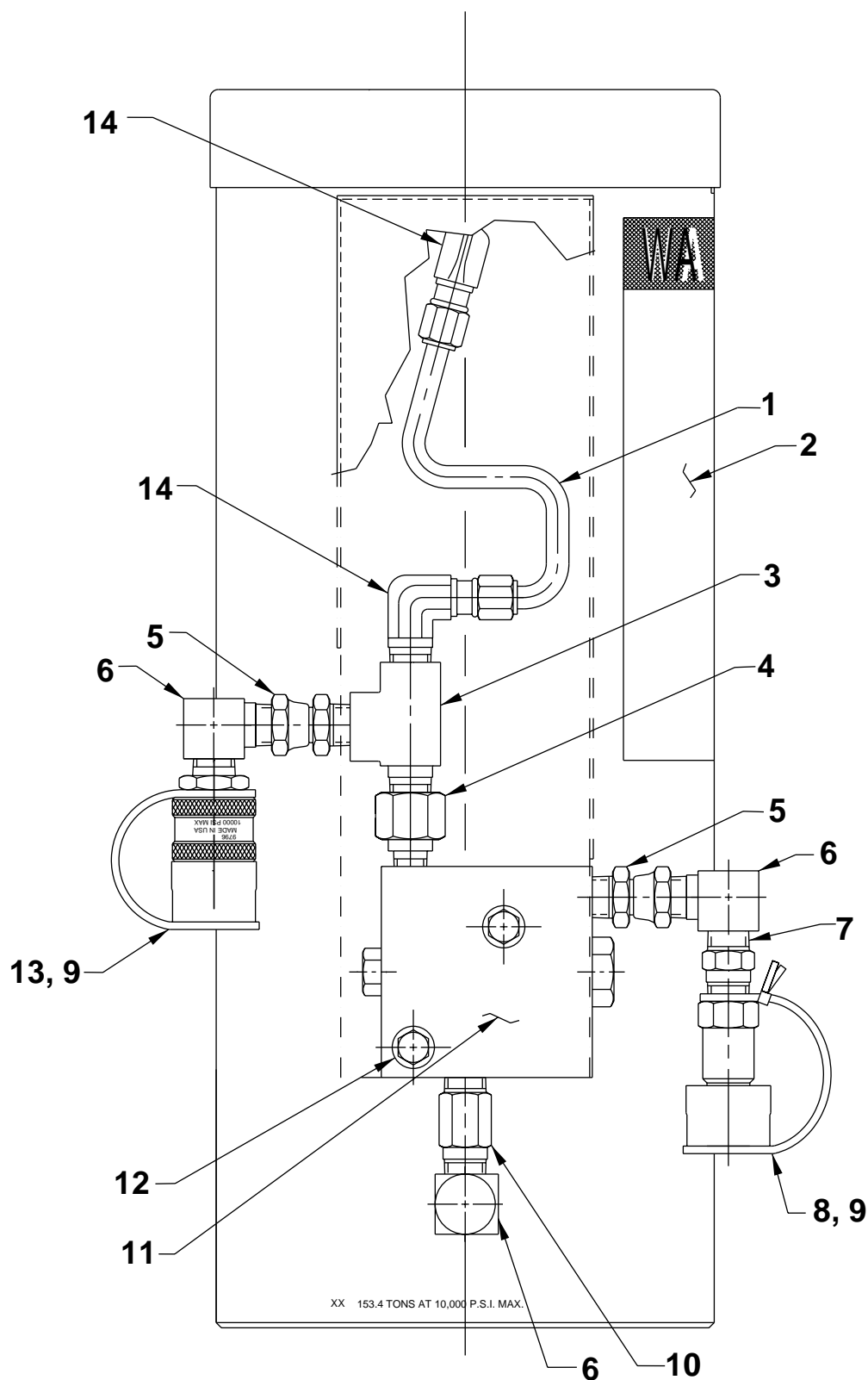| Item No.	Part No.	No. Req'd	Description
1	**351328**	1	Swivel Cap
2	**65299**	1	Cylinder Assembly (See sheet 4 of 5)
3	**252294**	4	Screw (1-8 X 3" Lg.; Torque to 350/400 ft. lbs.)
4	**65301BK2**	1	Cylinder Extension
5	**58800BK2**	1	Right Side Panel
6	**252280**	8	Screw (3/4-10 X 1-3/4 Lg.; Torque to 200/250 ft. lbs.)
7	**58799BK2**	1	Left Side Panel
8	**252278**	4	Screw (1/2-13 X 1-1/4 Lg.; Torque to 70 ft. lbs.)
9	**58825BK2**	1	Cylinder Base
10	**9681**	1	Street Elbow Fitting (Note: Rotate approximately as shown in Detail A.)

To Drawing

JM415 GENERAL ASSEMBLY
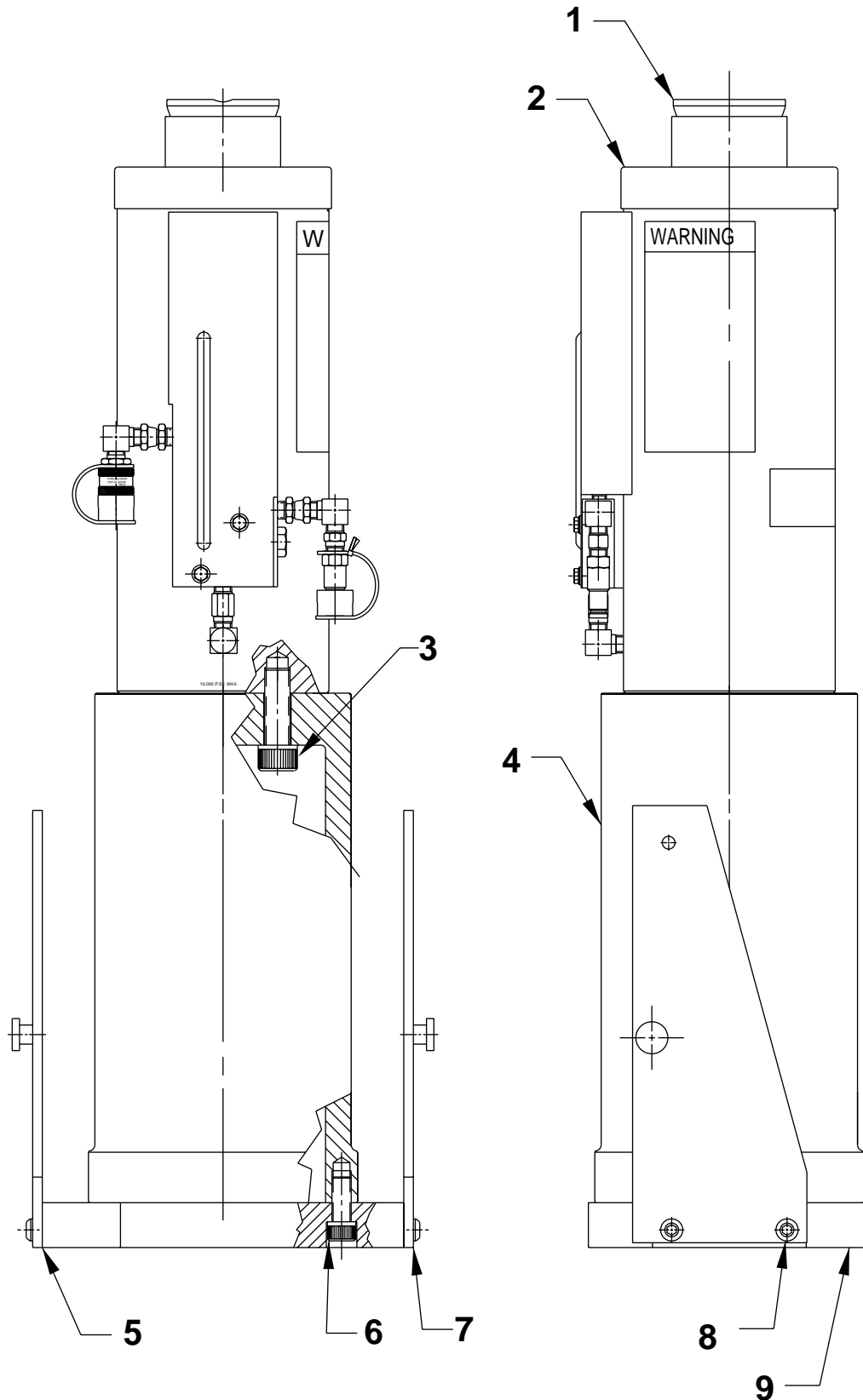
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10,000 P.S.I. MAX.

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Sheet No.	3 of 5
Rev. 1	Date: 10 Mar. 2000

| Item No.	Part No.	No. Req'd	Description
1	**351328**	1	Swivel Cap
2	**65299**	1	Cylinder Assembly (See sheet 4 of 5)
3	**252294**	4	Screw (1-8 X 3" Lg.; Torque to 350/400 ft. lbs.)
4	**65302BK2**	1	Cylinder Extension
5	**58800BK2**	1	Right Side Panel
6	**252280**	8	Screw (3/4-10 X 1-3/4 Lg.; Torque to 200/250 ft. lbs.)
7	**58799BK2**	1	Left Side Panel
8	**252278**	4	Screw (1/2-13 X 1-1/4 Lg.; Torque to 70 ft. lbs.)
9	**58825BK2**	1	Cylinder Base

To Drawing

DOUBLE-ACTING
CYLINDER ASSEMBLY - EXTERNAL

XX   153.4 TONS AT 10,000 P.S.I. MAX.

Sheet No.	4 of 5
Rev. 1	Date: 10 Mar. 2000

Item No.	Part No.	No. Req'd	Description
1	**252272**	1	Oil Tube
2	**351349**	1	Warning Decal
3	**9672**	1	Tee Fitting
4	**9689**	1	Connector Fitting
5	**9675**	2	Connector Fitting
6	**9681**	3	Street Elbow Fitting
7	**9682**	1	Nipple Fitting
8	**9793**	1	Quick Male Coupler
9	**9800**	2	Dust Cap
10	**9683**	1	Nipple Fitting
11	**9720**	1	Counterbalance Valve (See Form No. 101733)
12	**15273**	2	Screw (5/16-18 X 1/2 Lg.)
13	**9792**	1	Quick Female Coupler
14	**10666**	2	90° Elbow Fitting
15	**421343OR9**	1	Shroud

To Drawing

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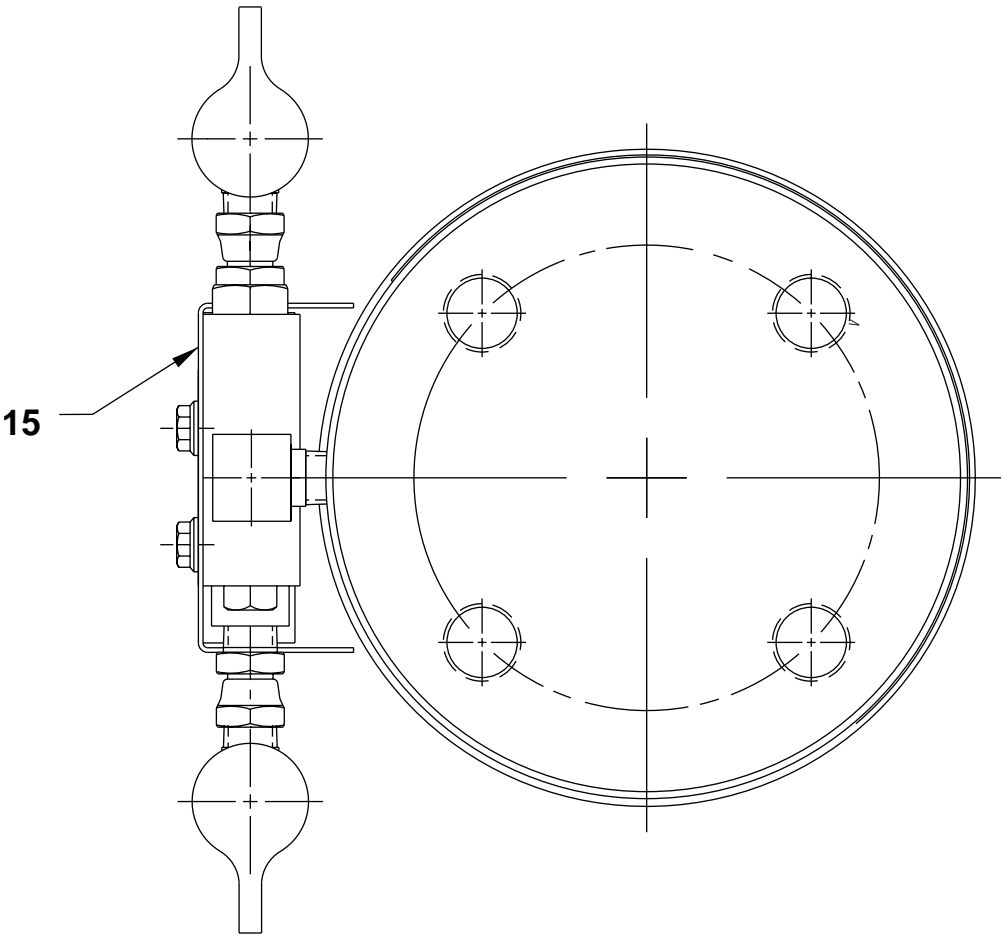
To Parts List

CYLINDER ASSEMBLY - INTERNAL
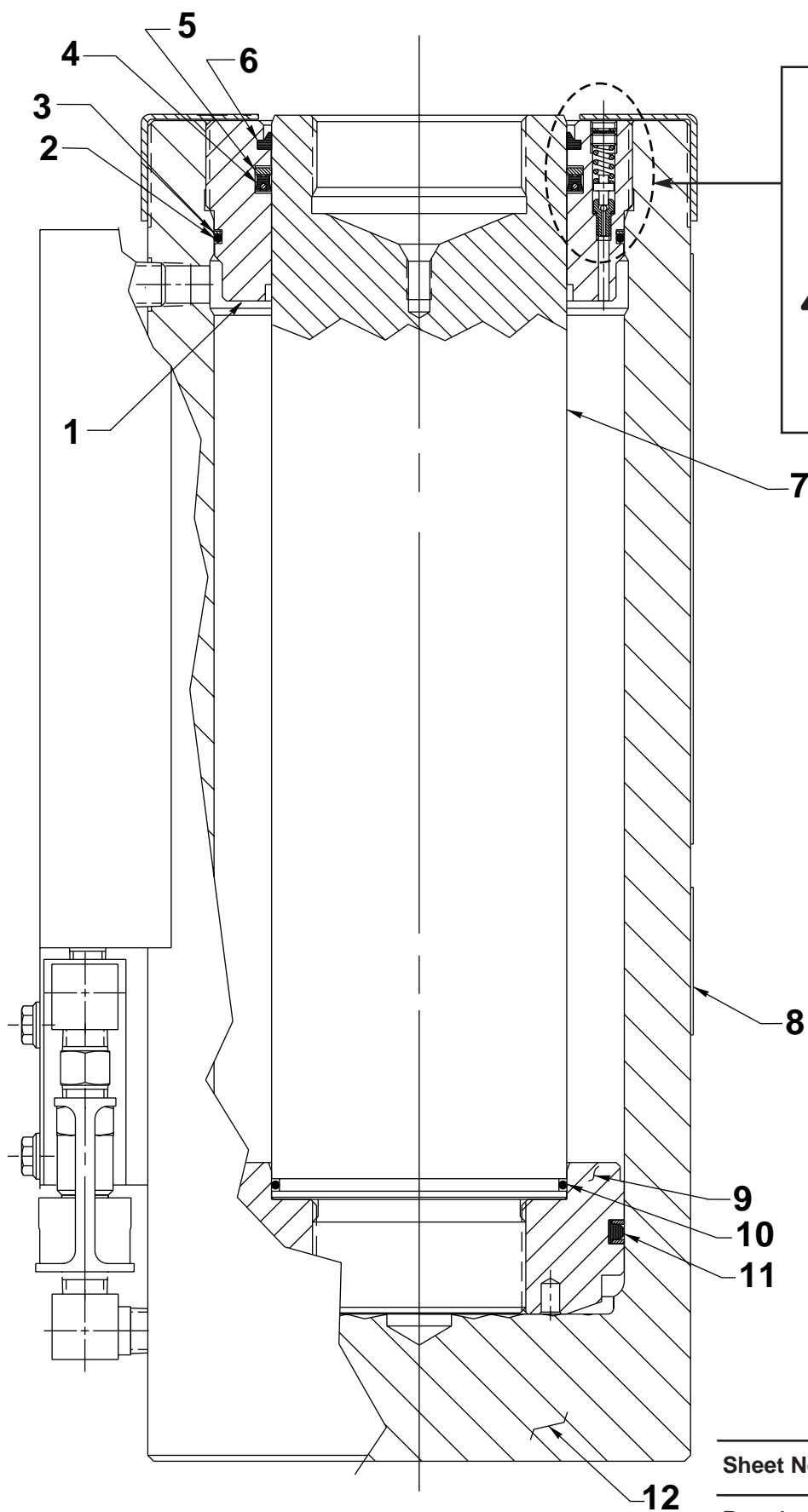
Double-acting Cylinder Relief Valve

See important

⚠ **DANGER** **statement on back of sheet 5 of 5**

⚠ **DANGER:** To help avoid possible serious personal injury or death,

● In the event that the cylinder retract port is ever restricted or plugged, a double-acting cylinder relief valve will help prevent excessive pressure from building in the cylinder. DO NOT attempt to adjust or service this relief valve! If oil leakage is detected from this relief valve, discontinue use of the cylinder immediately and contact Power Team Technical Services. <u>Only</u> Power Team Authorized Hydraulic Service Centers should service this relief valve.

Item No.	Part No.	No. Req'd	Description
1	51312	1	Retainer Nut (Torque to 90/110 ft. lbs.)
2	13425	1	O-ring (6-1/4 x 6" x 1/8)
3	*19298	1	Backup Washer (6-1/4 x 6" x .048)
4	*19293	1	U-cup
5	*19349	1	Backup Washer (5" x 4-1/2 x .105)
6	*207497	1	Rod Wiper
7	51314	1	Piston Rod
8	309219	1	Trade Name Decal
9	51311	1	Piston Head (Note: Use Loctite #277 when assembling piston head to piston rod [Item #7]. Torque to 200 ft. lbs.)
10	*19295	1	O-ring (4-1/2 x 4-1/4 x 1/8)
11	*19296	1	T-seal
12	64448	1	Cylinder Body

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300007.

To Drawing