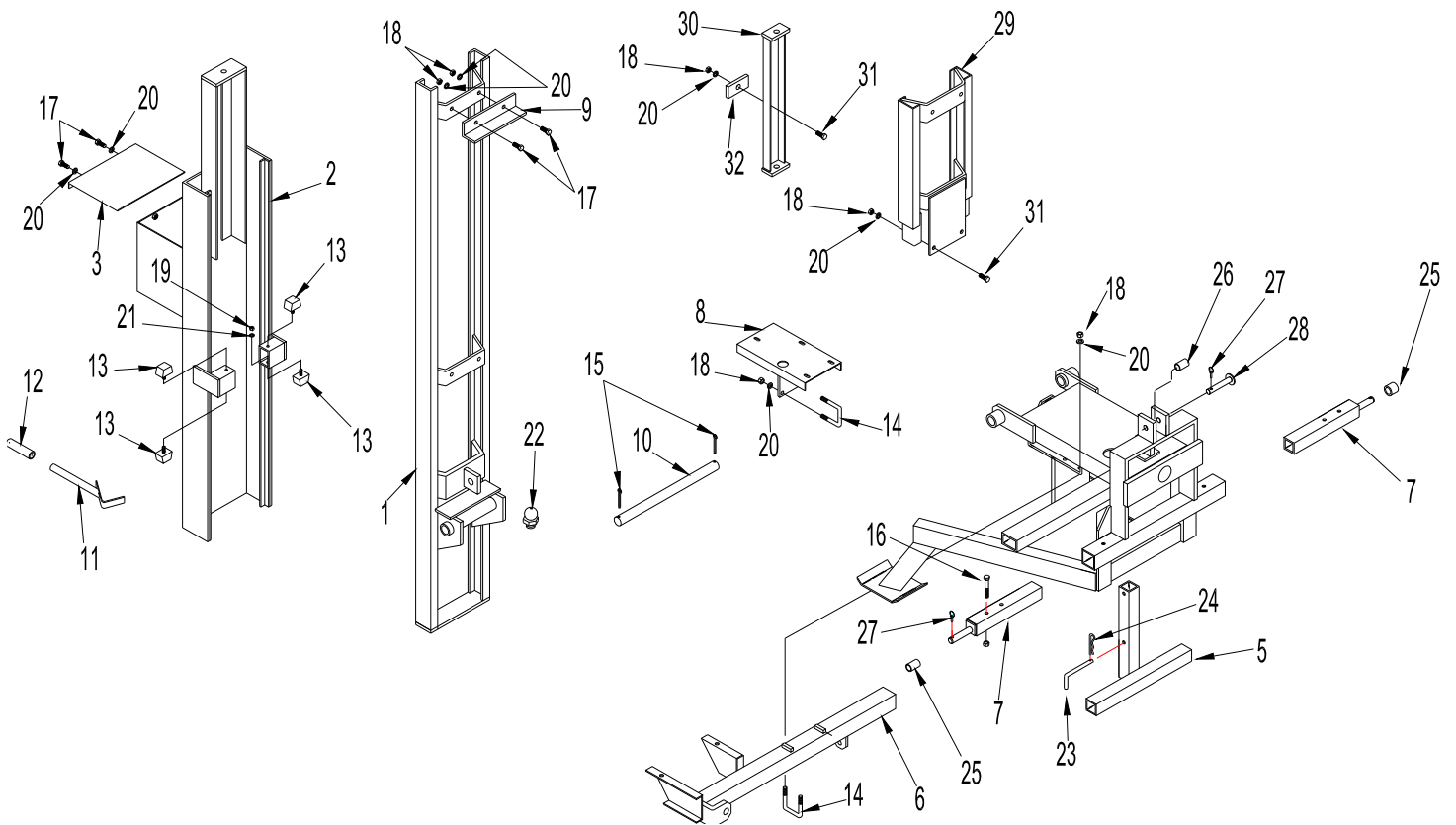


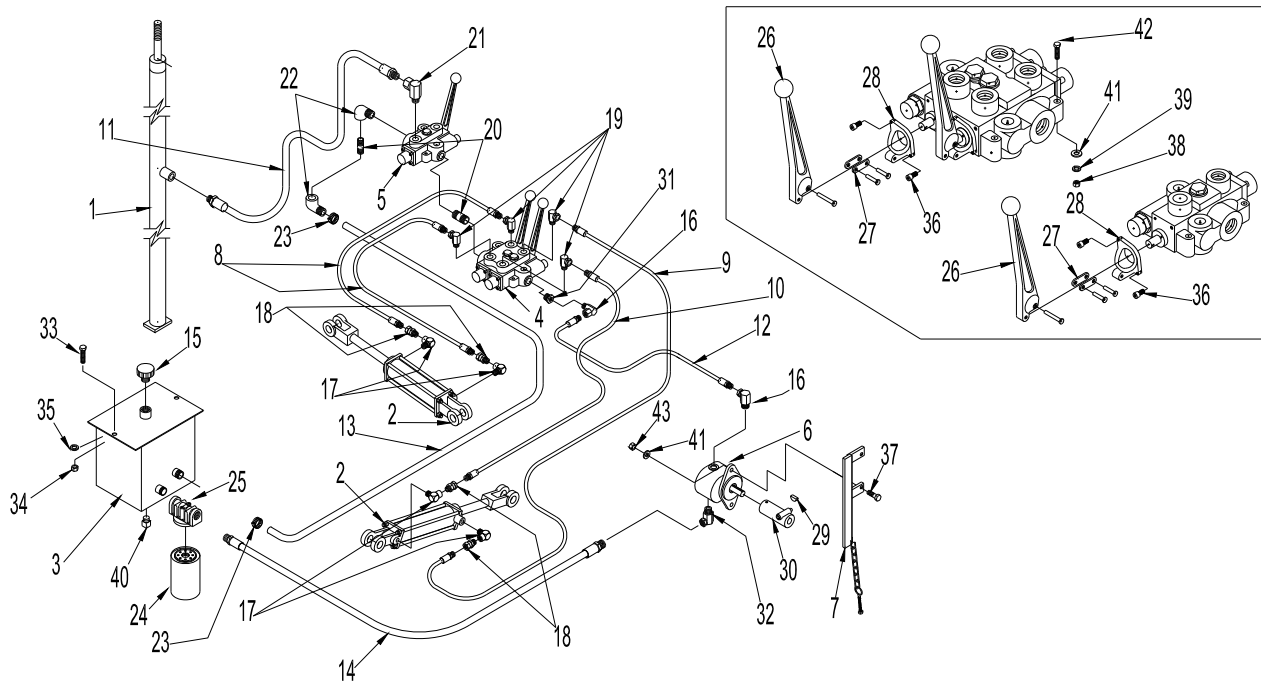
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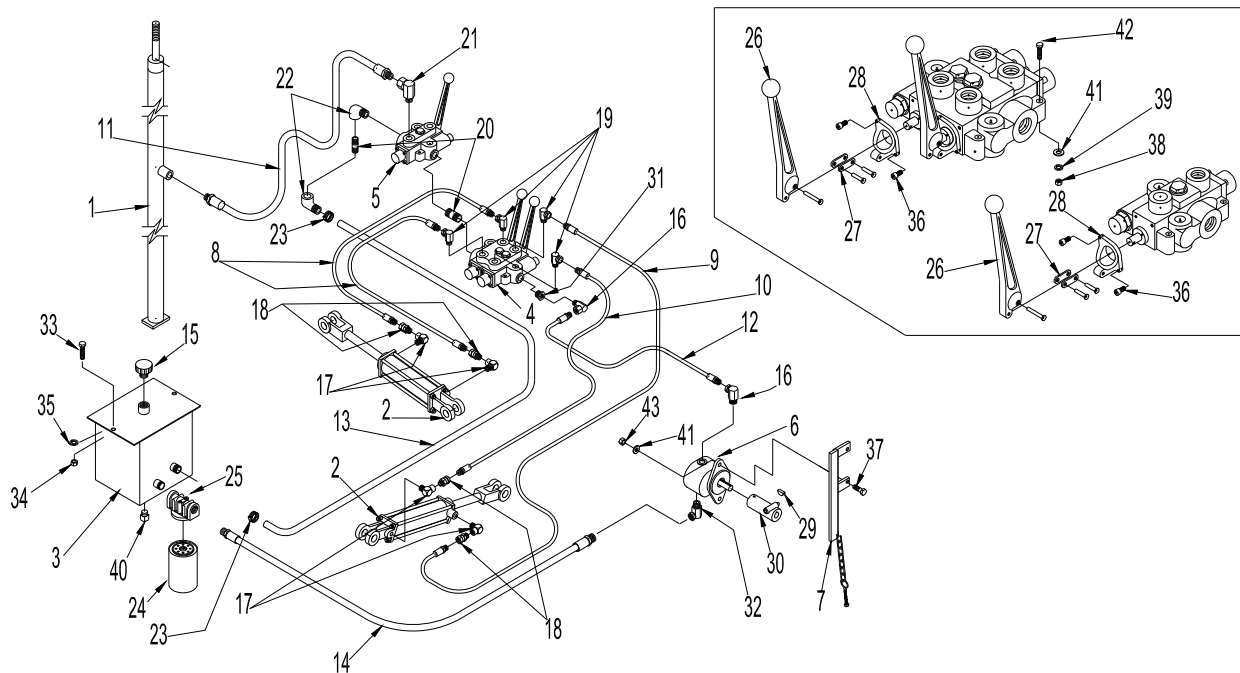
MODEL 1450 HAMMER AND MAST ASSEMBLY

Ref. No.	Part No.	Description	Qty. Req=d
1	P80761	Mast Assembly	1
2	P80762	Hammer Assembly	1
3	P80650	Hammer Lid	1
4	P80800	Stand and Table Assembly	1
5	P80799	Front Leg – Stand	1
6	P80754	Lower Cylinder Support	2
7	P80755	Inner Hitch Tube	1
8	P80756	Valve Plate Mount Bracket	1
9	P80757	Bumper Stop	1
10	PH80661	Pivot Pin (Mast)	1
11	P80601	Post Holder	1
12	P80602	Rubber Grip - Post Holder	1
13	PH80628	Rubber Stop Block	4
14	M80010	1/2" x 3-1/16" C-C x 3-9/16" U-Bolt	4
15	BP37200	3/8" x 2" Cotter Pin	2
16	B050035B	1/2" x 3-1/2" N.C. Hex Bolt	2
17	O50012	1/2" x 1-1/4" N.C. Hex Bolt	4
18	BN050	1/2" N.C. Hex Nut	15
19	BN037	3/8" N.C. Hex Nut	4
20	BW050L	1/2" Lockwasher	15
21	BW037L	3/8" Lockwasher	4
22	10GN1	1/4 - 28 Grease Zirk	1
23	P80767	Lock Pin – Front Leg	1
24	DR129	Hair Pin - Cotter	1
25	P80768	Cat II Lower Bushing	2
26	P80769	Cat II Upper Bushing	1
27	DH12517	Lynch Pin – 7/16" x 1-3/4" (11.18 x 44.45mm)	2
28	P80770	Cat I – Toplink pin – 3/4" x 3-7/8" (19.05 x 98.55mm)	1



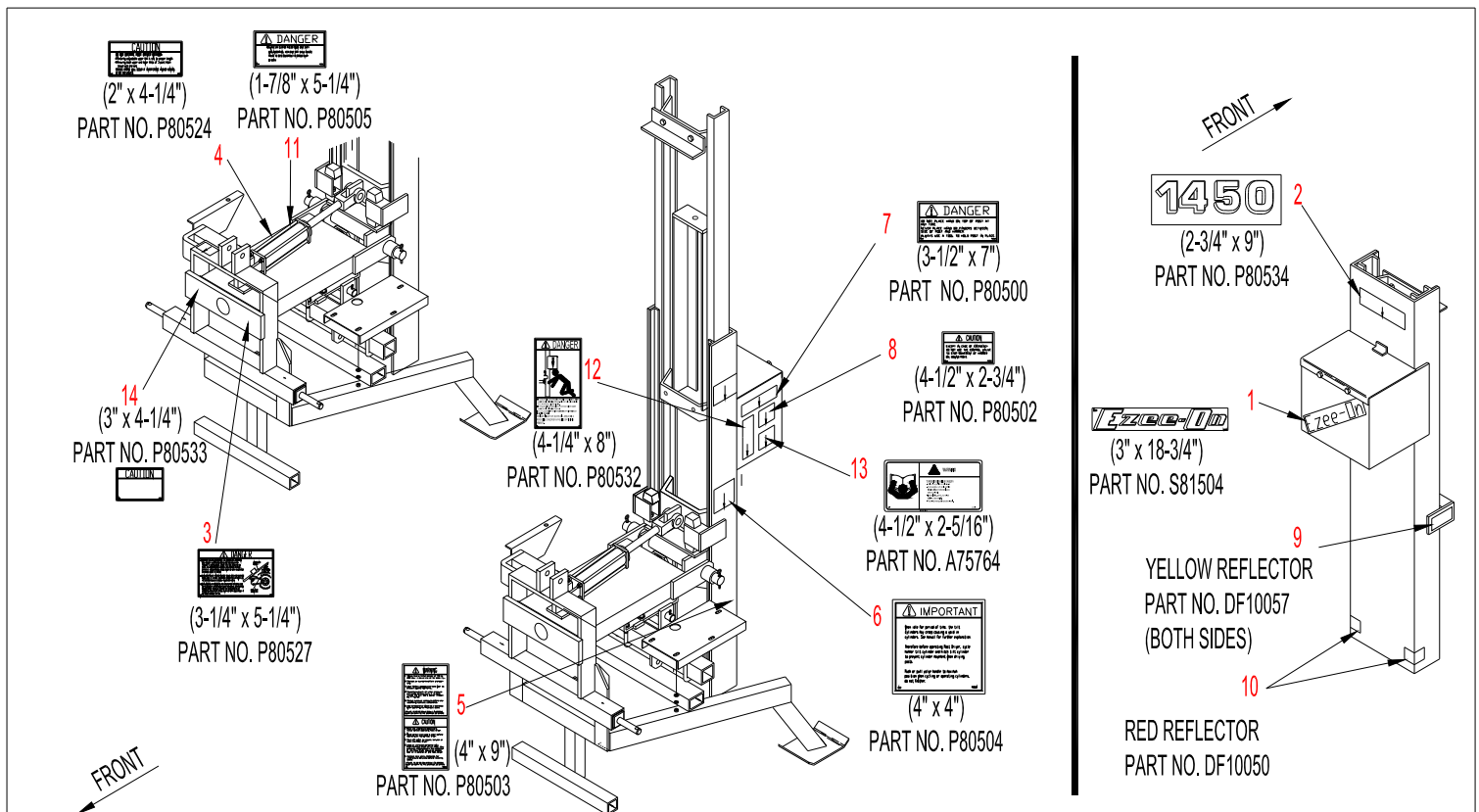
**MODEL 1450 HYDRAULIC SYSTEM
w/ Tank Mounted Filter (Currently Used)**

Ref. No.	Part No.	Description	Qty. Req=d
1	281	Hammer Cylinder - 1-5/8" Dia. X 64-15/16" Stroke c/w Nuts and Mount Pad	1
2	283	2" x 8" Cylinder c/w Pins	2
3	P80513	Hydraulic Oil Reservoir	1
4	P80750	2 Spool Hydraulic Control Valve	1
*	P80529	Seal Kit - Cross 2 Spool Valve	---
**	P80528	Seal Kit - Cross Single Spool Valve	---
5	P80682	Single Spool Hydraulic Control Valve	1
6	P80703	Pump P.T.O. with O.R.B. Ports (Cassappa)	1
***	P80517	Seal Kit - Cassappa Pump	---
7	P80512	Torque Arm	1
8	L2929	1/4" x 20" Hydraulic Hose c/w 3/8" Ends	2
9	L2909	1/4" x 40" Hydraulic Hose c/w 3/8" Ends	1
10	L2907	1/4" x 35" Hydraulic Hose c/w 3/8" Ends	1
11	P3033	3/4" x 42" Hydraulic Hose c/w 3/4" Ends	1
12	P4329	1/2" x 48" Hydraulic Hose c/w 1/2" Ends	1
13	P4327	1" Fuel Hose x 50" Long (No Ends)	1
14	P4503	3/4" x 48" Hydraulic Hose c/w 3/4" Ends	1
15	P80510	Breather Cap	1
16	P80706	7/8" O.R.B. Male x 1/2" N.P.T. x 90 Degree Swivel Street Elbow	1
17	DL5283	3/8" N.P.T. x 90 Degree Street Elbow (Steel)	1
18	P80704	3/8" Male-Female Restricted Orifice Swivel (0.31)	6
19	P80675	1/2" N.P.T. Male x 3/8" N.P.T. Female x 90 Degree Swivel Street Elbow	4
20	P80693	3/4" N.P.T. x 2" Nipple	2
21	P80694	1/2" N.P.T. Male x 3/4" N.P.T. Female x 90 Degree Female Swivel Street Elbow	6
22	P80695	3/4" N.P.T. x 90 Degree Swivel Street Elbow	1
23	A70728	1-1/2" Hose Clamp	2
24	P80700	Oil Filter	1
25	P80699	Filter Mount	1
26	P80680	Handle - Valve	1
27	P80679	Link Kit	3
28	P80685	Handle Bracket - Cross	3
29	P80588	3/16" Woodruff Key	3
30	P80687	540 P.T.O. Adapter - 3/4" Diameter	1
31	P80698	3/4" N.P.T. Male x 1/2" N.P.T. Female Reducing Bushing - Steel	1
32	P80708	1-1/16" O.R.B. Male x 3/4" N.P.T. Female Swivel Adapter	1
33	B050012	1/2" x 1-1/4" N.C. Capscrew	2
34	BN050L	1/2" N.C. Hex Nylon Locknut	2
35	BW050L	1/2" Lockwasher	2
36	P80676	1/4" N.C. x 1/2" Socket Head Capscrew	6
37	B037015	3/8" x 1-1/2" N.C. Hex Bolt	7
38	BN037	3/8" N.C. Hex Nut	7
39	BW037L	3/8" Lockwasher	7
40	P80584	3/8" N.P.T. Plug - Square Head	1
41	BW13705606F	9/16" I.D. Flatwasher	2
42	B037020	3/8" x 2" N.C. Hex Bolt	2



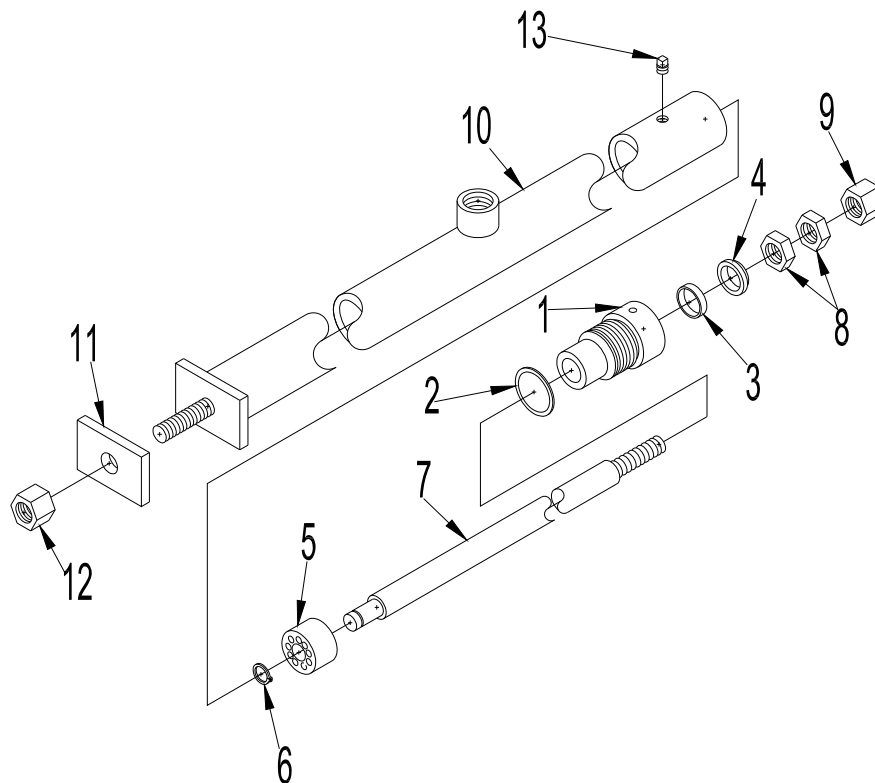
**MODEL 1450 HYDRAULIC SYSTEM
w/ Pump Mounted Filter (Older System)**

Ref. No.	Part No.	Description	Qty. Req=d
1	281	Hammer Cylinder - 1-5/8" Dia. X 64-15/16" Stroke c/w Nuts and Mount Pad	1
2	283	2" x 8" Cylinder c/w Pins	2
3	P80513	Hydraulic Oil Reservoir	1
4	P80750	2 Spool Hydraulic Control Valve	1
*	P80529	Seal Kit - Cross 2 Spool Valve	---
**	P80528	Seal Kit - Cross Single Spool Valve	---
5	P80682	Single Spool Hydraulic Control Valve	1
6	P80703	Pump P.T.O. with O.R.B. Ports (Cassappa)	1
***	P80517	Seal Kit - Cassappa Pump	---
7	P80512	Torque Arm	1
8	L2929	1/4" x 20" Hydraulic Hose c/w 3/8" Ends	2
9	L2909	1/4" x 40" Hydraulic Hose c/w 3/8" Ends	1
10	L2907	1/4" x 35" Hydraulic Hose c/w 3/8" Ends	1
11	P3033	3/4" x 42" Hydraulic Hose c/w 3/4" Ends	1
12	P4329	1/2" x 48" Hydraulic Hose c/w 1/2" Ends	1
13	P4327	1" Fuel Hose x 50" Long (No Ends)	1
14	A4470	3/4" x 42" Hydraulic Hose c/w 3/4" Ends	1
15	P80510	Breather Cap	1
16	P80706	7/8" O.R.B. Male x 1/2" N.P.T. x 90 Degree Swivel Street Elbow	1
17	DL5283	3/8" N.P.T. x 90 Degree Street Elbow (Steel)	1
18	P80704	3/8" Male-Female Restricted Orifice Swivel (0.31)	6
19	P80675	1/2" N.P.T. Male x 3/8" N.P.T. Female x 90 Degree Swivel Street Elbow	4
20	P80693	3/4" N.P.T. x 2" Nipple	3
21	P80694	1/2" N.P.T. Male x 3/4" N.P.T. Female x 90 Degree Female Swivel Street Elbow	6
22	P80695	3/4" N.P.T. x 90 Degree Swivel Street Elbow	1
23	A70728	1-1/2" Hose Clamp	2
24	P80700	Oil Filter	1
25	P80699	Filter Mount	1
26	P80680	Handle - Valve	1
27	P80679	Link Kit	3
28	P80685	Handle Bracket - Cross	3
29	P80588	3/16" Woodruff Key	3
30	P80687	540 P.T.O. Adapter - 3/4" Diameter	1
31	P80698	3/4" N.P.T. Male x 1/2" N.P.T. Female Reducing Bushing - Steel	1
32	P80708	1-1/16" O.R.B. Male x 3/4" N.P.T. Female Swivel Adapter	1
33	B050012	1/2" x 1-1/4" N.C. Capscrew	2
34	BN050L	1/2" N.C. Hex Nylon Locknut	2
35	BW050L	1/2" Lockwasher	2
36	P80676	1/4" N.C. x 1/2" Socket Head Capscrew	6
37	B037015	3/8" x 1-1/2" N.C. Hex Bolt	7
38	BN037	3/8" N.C. Hex Nut	7
39	BW037L	3/8" Lockwasher	7
40	P80584	3/8" N.P.T. Plug - Square Head	1
41	BW13705606F	9/16" I.D. Flatwasher	2
42	B037020	3/8" x 2" N.C. Hex Bolt	2



MODEL 1450 DECALS

Ref. No.	Part No.	Description	Qty. Req=d
1	S81504	Ezee-On Decal (3" x 18-3/4")	1
2	P80534	1450 Decal (2-3/4" x 9")	1
3	P80527	Danger Decal (3-1/4" x 5-1/4")	1
4	P80524	Caution Decal (2" x 4-1/4")	1
5	P80503	Warning Decal (4" x 9")	1
6	P80504	Important Decal (4" x 4")	1
7	P80500	Danger Decal (3-1/2" x 7")	1
8	P80502	Caution Decal (2-3/4" x 4-1/2")	1
9	DF10057	Yellow Reflector (2" x 4")	2
10	DF10050	Red Reflector (2" x 4")	2
11	P80505	Danger Decal (1-7/8" x 5-1/4")	1
12	P80532	Danger Decal (4-1/4" x 8")	1
13	A75764	Warning Decal (4-1/2" x 2-5/16")	1
14	P80533	Caution Decal (3" x 4-1/4")	1

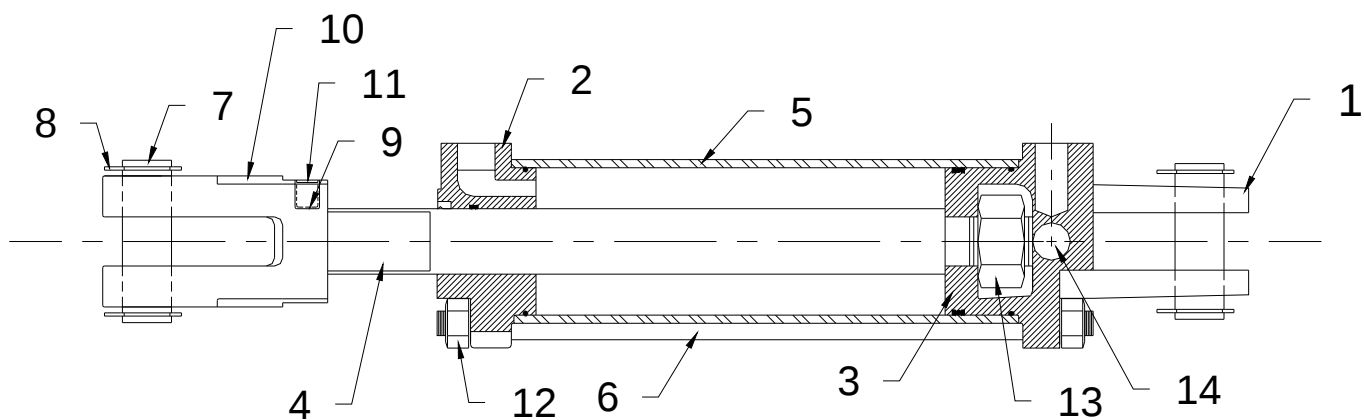


MODEL 1450 HAMMER CYLINDER

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	16HP1	1-5/8" O.D. x 7/8" I.D. Headplate (N5)	1
2	100R5	1-3/4" O.D. x 1-1/2" I.D. x 1/8" O-Ring	1
3	10RS8	7/8" I.D. Rod Seal	1
4	10WS8	7/8" I.D. Wiper Seal	1
5	16PB1	1-5/8" Dia. Rod Guide	1
6	10RR1	5/8" Dia. Shaft Retaining Ring	1
7	10SH56	7/8" Dia. x 73-1/8" Long Cylinder Shaft	1
8	10NU7	3/4" - 16 UNF Hex Jam Nut (Grade 2)	2
9	10NU8	3/4" - 16 UNF Hex Nylon Locknut (Grade 5)	1
10	16TU1	1-5/8" x 69-1/4" Barrel	1
11	P80522	3/8" x 2-1/4" x 3-1/4" Mount Pad	1
12	10NU9	5/8" - 18 UNF Hex Nylon Locknut (Grade 5)	1
13	P80705	1/8" N.P.T. SQ. Head Plug	1

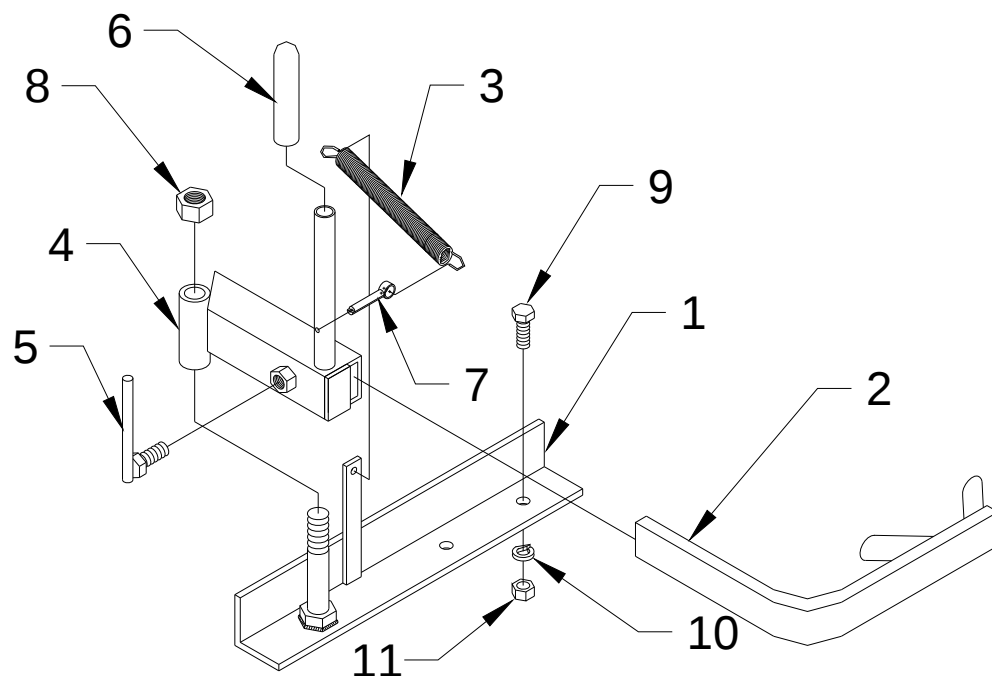
SEAL KIT - NO. 1608N5 - HAMMER CYLINDER

KIT NO.	DESCRIPTION	QTY. REQ'D
100R25	1-3/4" O.D. x 1-1/2" I.D. x 1/8" O-Ring	1
100R8	7/8" I.D. Rod Seal	1
10WS8	7/8" I.D. Wiper Seal	1



MODEL 1450
HYDRAULIC CYLINDERS - MONARCH (SLIDE, and TILT)

REF. NO.	MONARCH PART NO.	DESCRIPTION	MONARCH 2" x 8" QTY. REQ'D
1	492805	Clevis Cap (for 1" Pin)	1
2	492806	Rod Cap	1
3	492548	2" Dia. Piston	1
4	492581	Rod (8" Stroke)	1
5	491608	Tube (8" Stroke)	1
6	492216	Tie Rod (8" Stroke)	4
7 & 8	640091	Pin (2) (for 1" Dia.)	2
9	498006	Third Lock	1
10	492650	Rod Clevis (for 1" Pin)	1
11	148390	Set Screw	1
12	128230	Nut - Tie Rod	8
13	129090	Nut - Piston	1
14	196530	Plug	1
**	639572	Seal Kit (Rod Dia. 1-1/8")	1



POST GUIDE (OPTIONAL)

REF. NO.	PART NO.	DESCRIPTION	QTY REQ=D
1	P80732	Mounting Bracket	1
2	P80733	Post Holding Arm	1
3	A70157	Extension Spring	1
4	P80734	Arm Actuator	1
5	P80735	Lock Bolt	1
6	P80602	Rubber Grip	1
7	BP25200	1/4" x 2" Cotter Pin	1
8	BN100L	1" N.C. Hex Nylon Lock Nut	1
9	B062015	5/8" x 1-1/2" Hex Bolt	1
10	BW062L	5/8" Lockwashers	1
11	BN062	5/8" Hex Nut	1