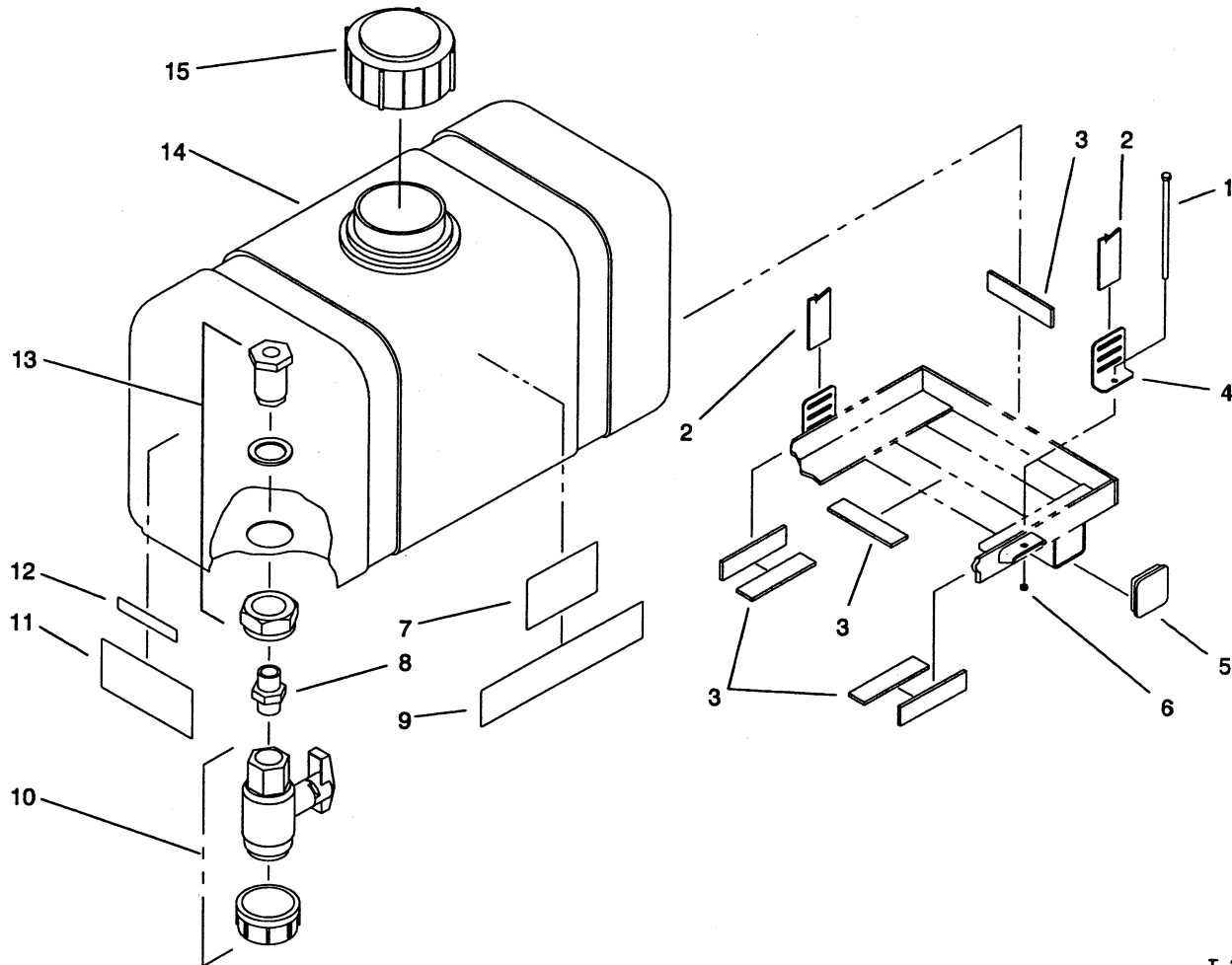


TORO®**MODEL NO. 09910-80001 & UP****PARTS
CATALOG****SUBSURFACE INJECTOR**

T-3220-1

BALLAST TANK ASSEMBLY

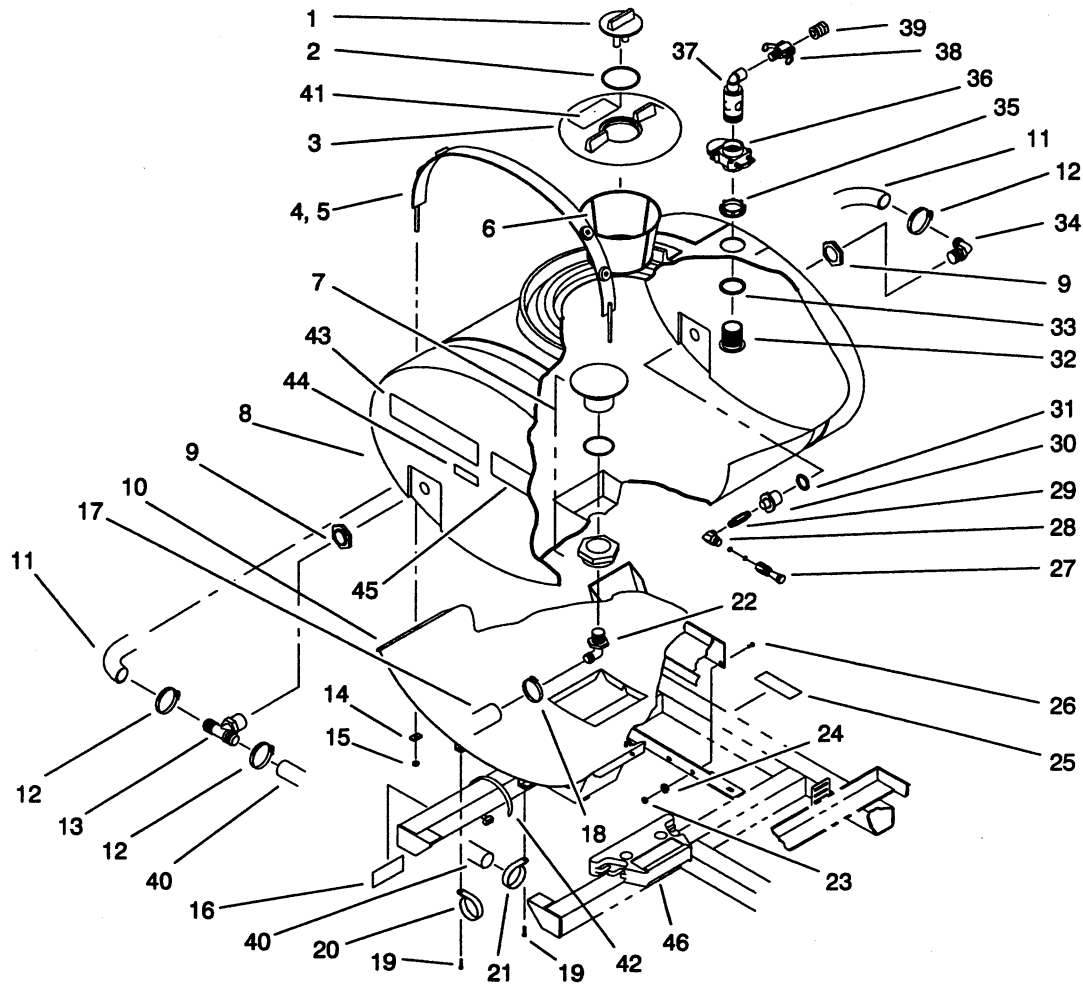
Ref. No.	Part No.	Description	No. Used
1	322-19	Screw-HH	4
2	95-9432	Strap-Tank	4
3	95-9447	Pad-Tank Bumper	24
4	95-7822	Bracket-Tank Strap	4
5	95-9395	Plug-Plastic	4
6	3296-29	Nut-Lock	4
7	62-5550	Decal-Toro	2
8	41304	Nipple	2
9	99-0432	Decal-Subsurface Injector	2
10	40020	Valve-Ball	2

Ref. No.	Part No.	Description	No. Used
11	75-5190	Decal-No Riders	2
12	95-9491	Decal-High Pressure	1
13	41800	Fitting-Tank	2
14	99-0403	Tank-45 Gallon, LH (Incl. Ref. #7, 9, 11-13 & 15)	1
15	99-0613	Cap-Tank	2
*	99-0404	Tank-45 Gallon, RH (Incl. Ref. #7, 9, 11, 13 & 15)	1

*Not Illustrated

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TPS



T-3226-1

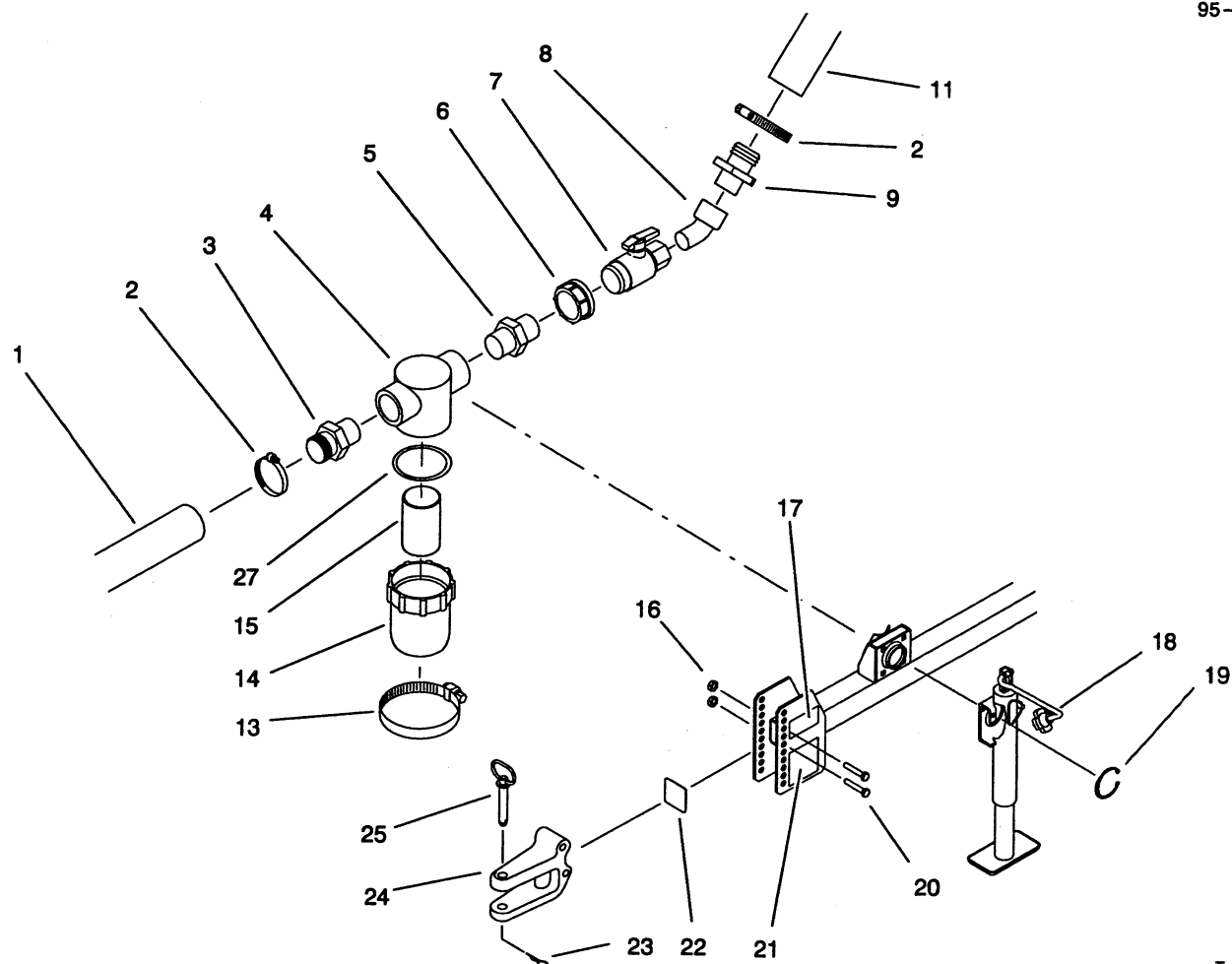
SPRAY TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-3765	Cap-Vent	1
2	42859	Gasket-Breather	1
3	42322	Lid-Tank (Incl. Ref. #1, 2 & 41)	1
4	42880	Front Tank Band Assembly	1
5	43013	Rear Tank Band Assembly	1
6	42323	Basket-Filler	1
7	41798	Anti-Vortex Fitting	1
8	99-0402	Elliptical Tank (Incl. Ref. #3, 6, 7, 30 & 43-45)	1
†9		Nut	2
10	42878	Tank Saddle Assembly	1
11	95-9143	Hose-Agitator	1
12	96609	Clamp-Hose	2
13	94-7101	Fitting-Tee	1
14	43014	Strip-Backing	4
15	3217-7	Nut-Hex.	4
16	95-9493	Decal-Transport Lock	1
17	92-3677	Hose-Suction	1
18	21146	Clamp-Hose	1
19	322-3	Screw-HH	2
20	92-8385	Clamp-R	1
21	2412-104	Clamp-R	1
22	42057	Fitting-Barb 90°	1
23	3217-9	Nut-Hex.	2

Ref. No.	Part No.	Description	No. Used
24	3253-7	Washer-Lock	2
25	59-9930	Decal-Danger, Tines	1
26	325-5	Screw-HH	2
27	92-8392	Agitator-Jet	2
28	94-7104	Fitting-90°	2
29	94-7103	Nipple	2
30	94-7089	Fitting-Tank (Incl. Ref. #9 & 31)	2
†31		Washer-Rubber	2
32	43066	Bulk Head	1
33	43067	Washer-Sealing	1
34	42046	Fitting-90°	1
35	43068	Nut-Fly	1
36	43064	Valve-Knife	1
37	43069	Standup Assembly	1
38	41316	Adapter-Quick	1
39	92-0238	Coupling-Quick	1
40	94-7121	Hose-Agitator	1
41	93-0688	Decal-Chemicals	1
42	3334-945	Tie-Cable	1
43	95-9490	Decal-Tractor Requirements	1
44	98-8763	Decal-Not for Highway Use	1
45	92-3993	Decal-Hills & Slopes	1
46	24-5790	Weight-Rear (Optional)	8
*	99-0430	Weight Mounting Kit (Optional)	1

†Not Serviced Separately

*Not Illustrated



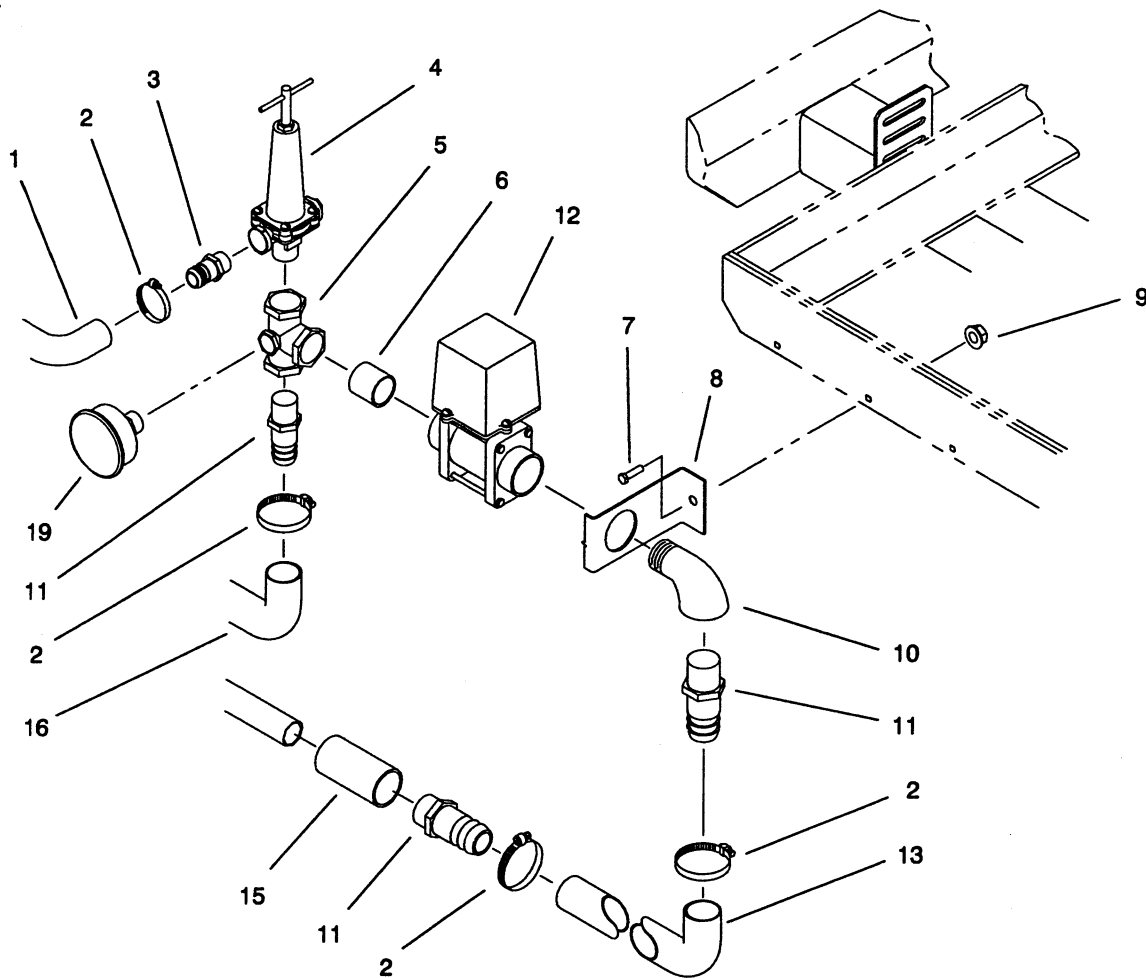
T-3224-1

TONGUE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95-9285	Hose-Suction	1
2	21146	Clamp-Hose	2
3	93-6178	Barb-Hose	1
4	99-0426	Strainer Assembly (Incl. Ref. #14-15 & 27)	1
5	42992	Nipple-Reducing	1
†6		Cap	1
7	40020	Valve-Ball (Incl. Ref. #6)	1
8	5706	Elbow-45° Street	1
9	92-0012	Barb-Hose	1
11	92-3677	Hose-Suction	1
13	92-0054	Clamp-Hose	1
14	93-0687	Bowl	1

Ref. No.	Part No.	Description	No. Used
15	42702	Screen	1
16	3296-53	Nut-Lock	2
17	92-1370	Decal-Warning	1
18	92-0270	Jack (Incl. Ref. #19)	1
†19		Ring-Retaining	1
20	327-23	Screw-HH	2
21	92-8308	Decal-Warning	1
22	95-9395	Plug-Plastic	1
23	30908	Pin-Hair	1
24	47-3550	Clevis-Trailer Hitch	1
25	92-0341	Pin-Hitch (Incl. Ref. #23)	1
27	42703	Gasket	1

†Not Serviced Separately

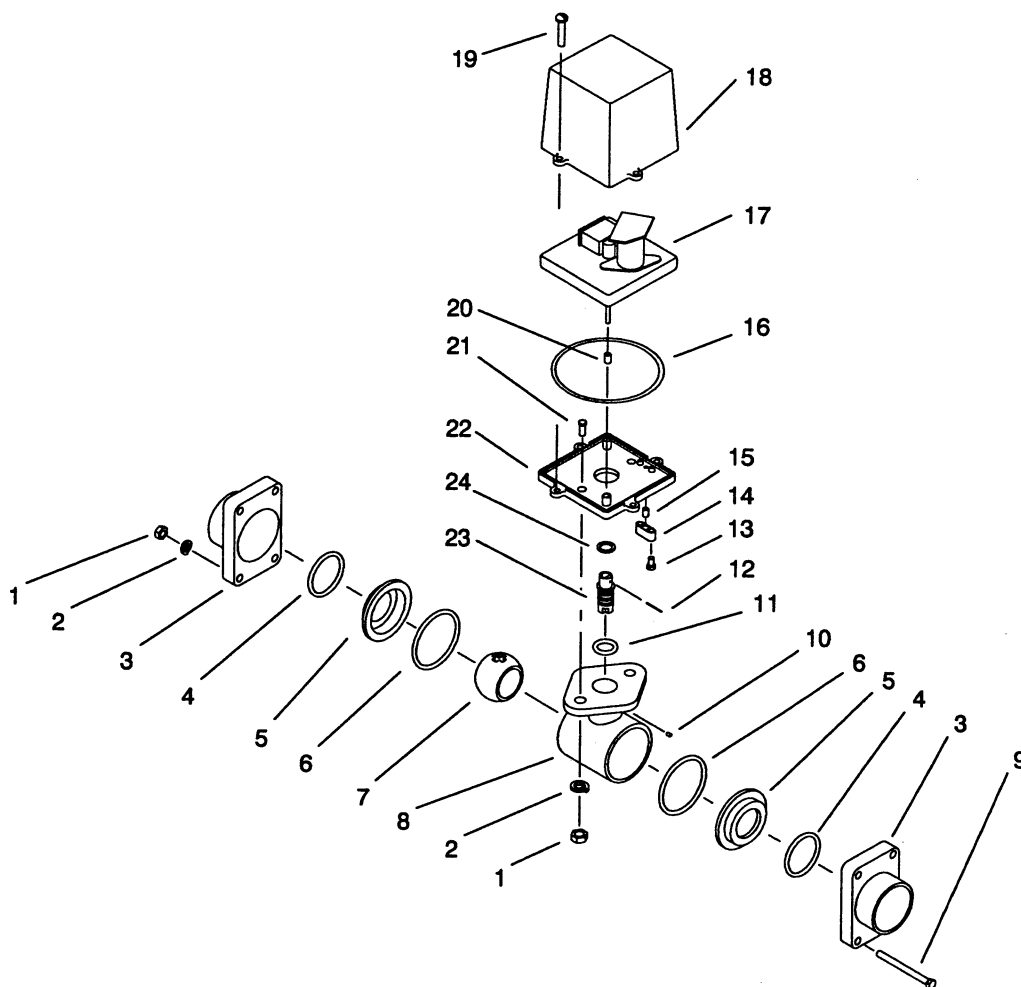


T-3236-1

VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-7121	Hose-Agitator	1
2	92-0045	Clamp-Hose	4
3	41248	Barb-Hose	1
4	95-9449	Valve-Relief	1
5	93-6457	Tee-Pipe	1
6	95-9465	Nipple-Close	1
7	321-9	Screw-HH	2
8	95-9467	Bracket-Ball Valve	1

Ref. No.	Part No.	Description	No. Used
9	32128-33	Nut-Lock, Flange	2
10	95-9463	Elbow-90°	1
11	41257	Barb-Hose	2
12	95-9448	Valve-Ball, 2-Way	1
13	94-7111	Hose-Solenoid Feed	1
15	95-9469	Coupling-Pipe	1
16	42273	Hose-Boom	1
19	95-9466	Gauge-Pressure	1



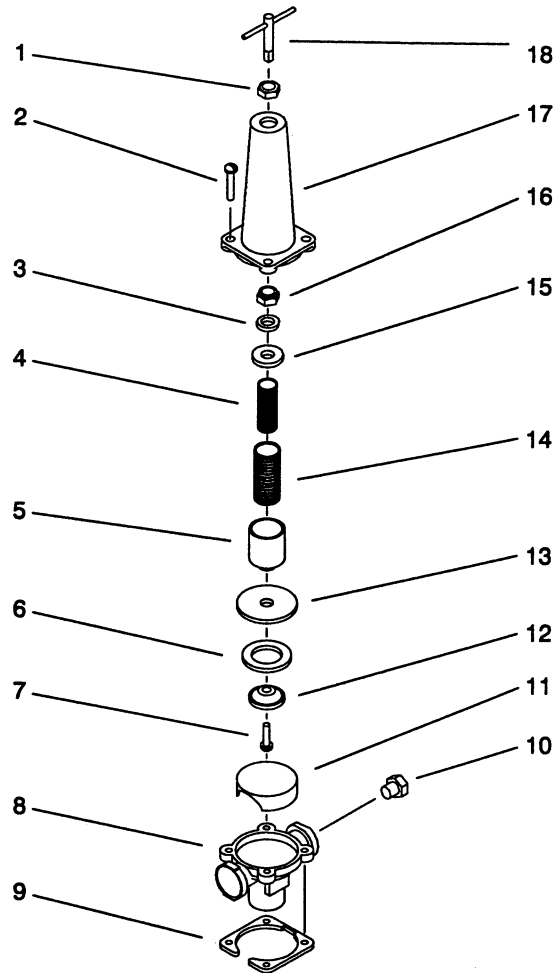
T-3237-1

BALL VALVE ASSEMBLY NO. 95-9448

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	99-0704	Nut-Hex.	6	16	99-0719	O-Ring	1
2	99-0705	Washer-Lock	6	17	99-0720	Motor	1
3	99-0706	Cap-End	2	18	99-0721	Cover	1
4	99-0707	O-Ring	2	19	99-0722	Screw-Phillips Sq. Pan Hd.	4
5	99-0708	Seal	2	20	99-0723	Mount-Motor	2
6	99-0709	O-Ring	2	21	99-0724	Stud-Self Clinching	2
7	99-0710	Ball	1	22	99-0725	Plate-Mounting	1
8	99-0711	Body	1	23	99-0726	Stem-Ball Valve	1
9	99-0712	Screw-HH	4	24	99-0727	Washer-Thrust	1
10	99-0713	Plug-Dust	1	†*		Holder-Fuse	1
11	99-0714	O-Ring	1	†*		Fuse-Glass (1.5 Amp. 12 V)	1
12	99-0715	Pin-Spring	1	*	99-0728	Spare Parts Kit (Incl. Ref. #4-7, 10-11 & 23-24)	1
13	99-0716	Screw-Slotted Hex. Washer	2				
14	99-0717	Retainer-Grommet	1				
15	99-0718	Grommet	1				

*Not Illustrated

†Not Serviced Separately

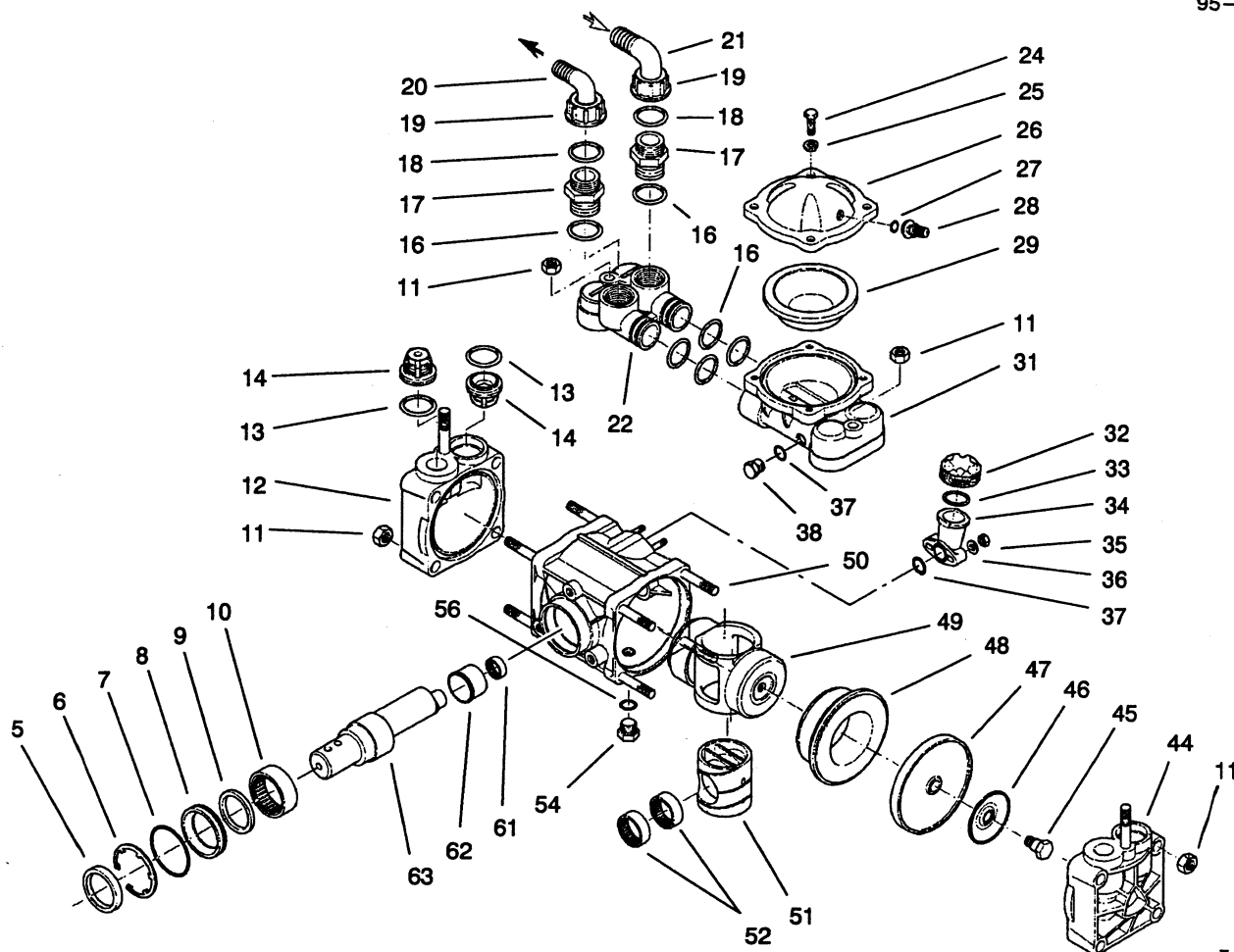


T-3238-1

RELIEF VALVE ASSEMBLY NO. 95-9449

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	99-0686	Nut-Lock	1	11	99-0695	Insert-Chamber	1
2	99-0687	Screw	4	12	99-0696	Seal-Back-up	1
3	99-0688	Washer-Nylon	1	13	99-0697	Diaphragm	1
4	99-0689	Spring-Inside	1	14	99-0698	Spring-Outside	1
5	99-0690	Sleeve-Guide	1	15	99-0699	Retainer-Spring	1
6	99-0691	Ring-Stop	1	16	99-0700	Nut-Adjusting	1
7	99-0692	Screw	1	17	99-0701	Bonnet	1
8	99-0693	Body-Nylon	1	18	99-0702	Stem-Adjusting	1
9	99-0694	Plate-Clamp	1	*	99-0703	Spare Parts Kit	1
10	92-0068	Plug-Pipe	1			(Incl. Ref. #3, 4 & 12-14)	

*Not Illustrated



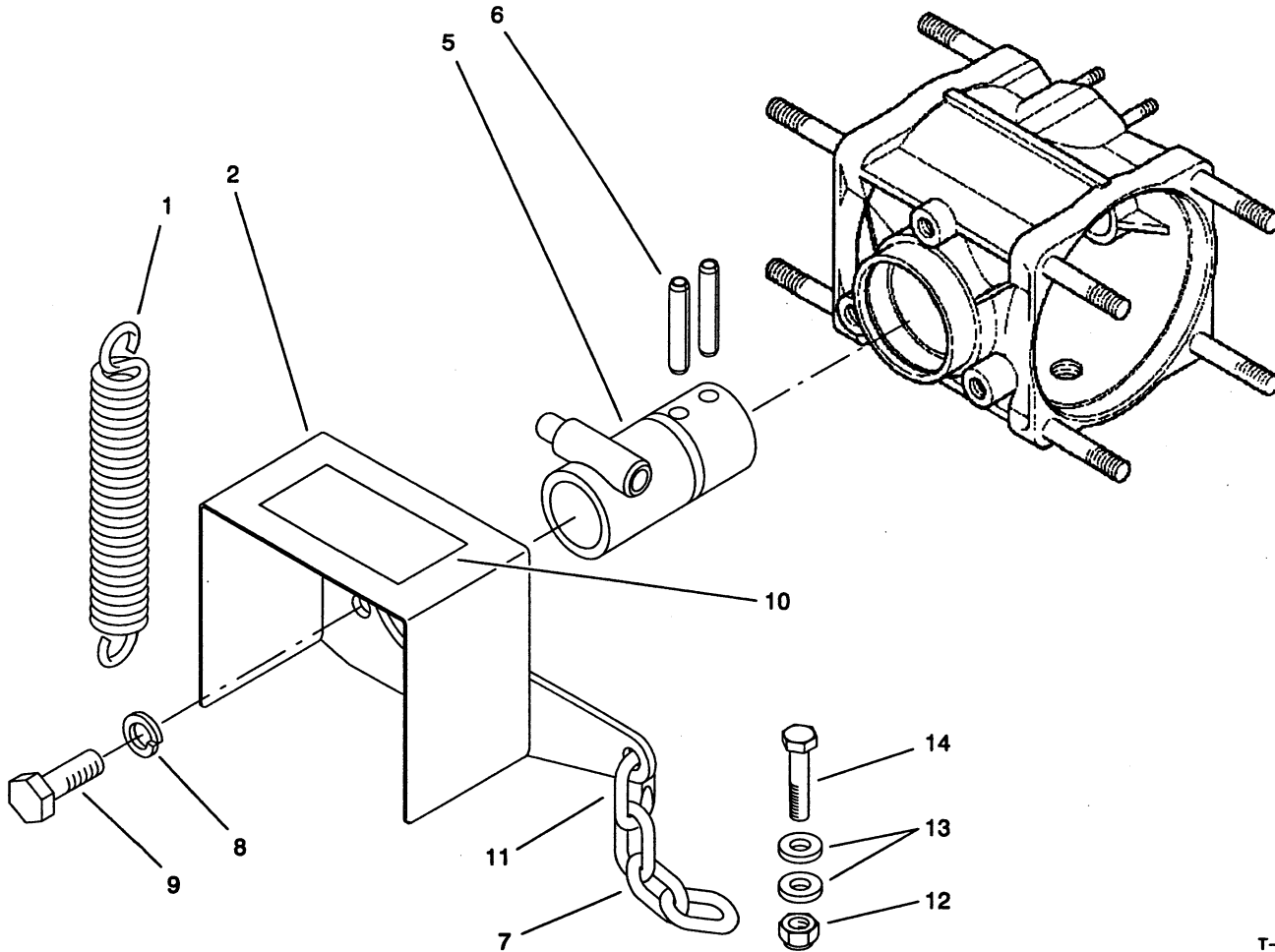
T-3227-1

DIAPHRAGM PUMP NO. 95-9473

Ref. No.	Part No.	Description	No. Used
5	99-0615	Ring-Seal	1
6	99-0616	Circlip	1
7	99-0617	O-Ring	1
8	99-0618	Bushing	1
9	99-0619	Spacer	1
10	92-3557	Bearing-Roller	1
11	92-3545	Nut	10
12	99-0622	Head Assembly-RH	1
13	99-0623	O-Ring	4
14	99-0624	Valve-Check	4
16	99-0625	O-Ring	6
17	92-3562	Adapter-Threaded	2
18	99-0627	O-Ring	2
19	92-3563	Nut-Ring	2
20	99-0629	Fitting-Barb 90°	1
21	92-3564	Fitting-Barb 90°	1
22	99-0631	Manifold	1
24	99-0632	Bolt	4
25	99-0633	Washer	4
26	99-0634	Head-Accumulator	1
27	99-0635	Gasket	1
28	99-0636	Valve-Air	1
29	99-0637	Diaphragm-Accumulator	1
31	99-0638	Accumulator Pressure Asm (Incl. Ref. #37 & 38)	1
32	92-3555	Cap-Oil	1
33	99-0640	O-Ring	1

Ref. No.	Part No.	Description	No. Used
34	92-3554	Sight Glass-Oil	1
35	92-3551	Nut	2
36	92-3552	Washer	2
37	99-0644	O-Ring	2
38	99-0645	Plug	1
44	99-0646	Head Assembly-LH	1
45	99-0647	Pin-Diaphragm	2
46	99-0648	Plate	2
47	99-0649	Diaphragm	2
48	99-0650	Sleeve	2
49	99-0651	Piston	1
50	99-0652	Body-Pump	1
51	99-0653	Cylinder	1
52	99-0654	Bearing-Roller	2
54	99-0655	Plug-Oil	1
56	99-0656	O-Ring	1
61	99-0657	Bearing-Roller	1
62	99-0658	Spacer	1
63	99-0659	Crankshaft	1
*	99-0660	Kit-Check Valve Assembly (Incl. 4 each of Ref. #13 & 14)	1
*	99-0661	Kit-Seal (Incl. Ref. #13, 16, 18, 27, 33 & 37)	1
*	99-0662	Kit-Repair (Incl. Ref. #13, 29 & 47)	1

*Not Illustrated

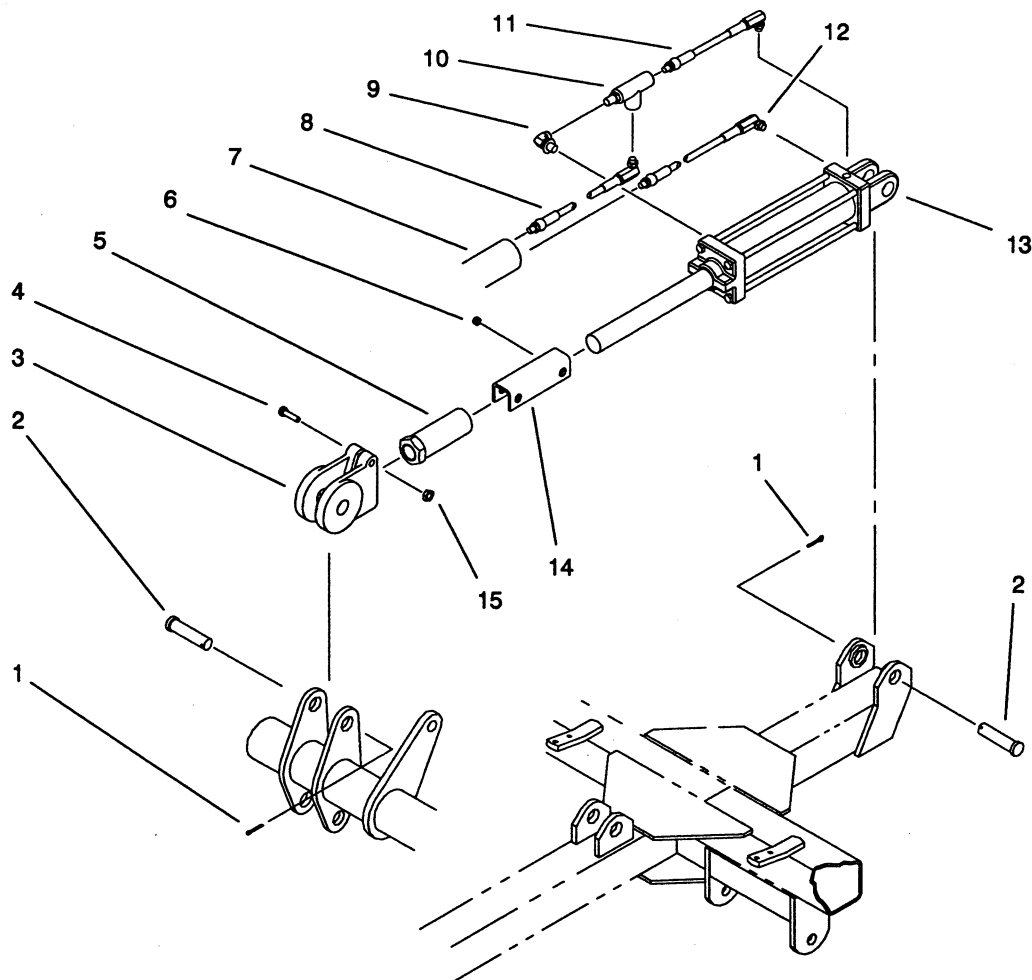


T-3228-1

P.T.O. SHIELD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	41721	Spring	1	9	48-7770	Screw-HH	2
2	99-0400	PTO Shield Assembly (Incl. Ref. #10)	1	10	87-5990	Decal-PTO Shield	1
5	95-9471	Quick Coupler-PTO	1	11	95-9131	Lap Link	1
6	95-9398	Pin-Roll	2	12	32153-2	Nut-Lock	2
7	95-9480	Chain-Pump	2	13	3256-4	Washer-Flat	4
8	3253-6	Washer-Lock	2	14	323-8	Screw-HH	2

*Not Illustrated

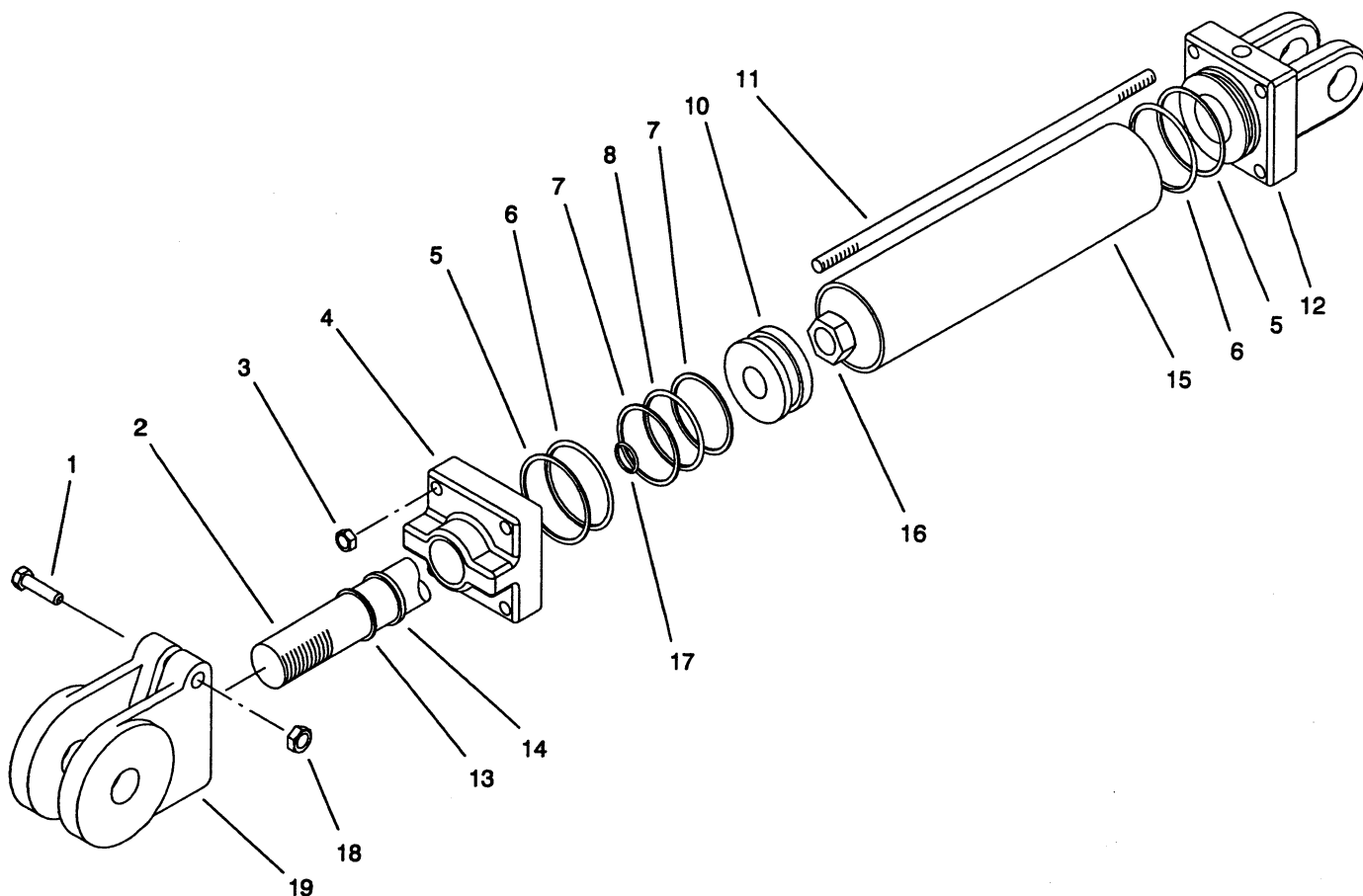


T-3225-1

HYDRAULIC CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272-13	Pin-Cotter	2
2	40969	Pin-Clevis	2
3	99-0610	Yoke-Cylinder	1
4	323-45	Screw-HH	1
5	99-0421	Stroke Control Assembly	1
6	95-5972	Grommet	4
7	95-9462	Cover-Hose	1
8	95-9426	Hose-Hydraulic	1

Ref. No.	Part No.	Description	No. Used
9	95-9429	Fitting-Hydraulic 90°	1
10	42694	Valve-Pilot Check	1
11	95-9428	Hose-Hydraulic	1
12	95-9427	Hose-Hydraulic	1
13	95-9430	Cylinder-Hydraulic (Incl. Ref. #3-4 & 15)	1
14	95-9494	Channel-Transport Lock	1
15	32153-2	Nut-Hex.	1



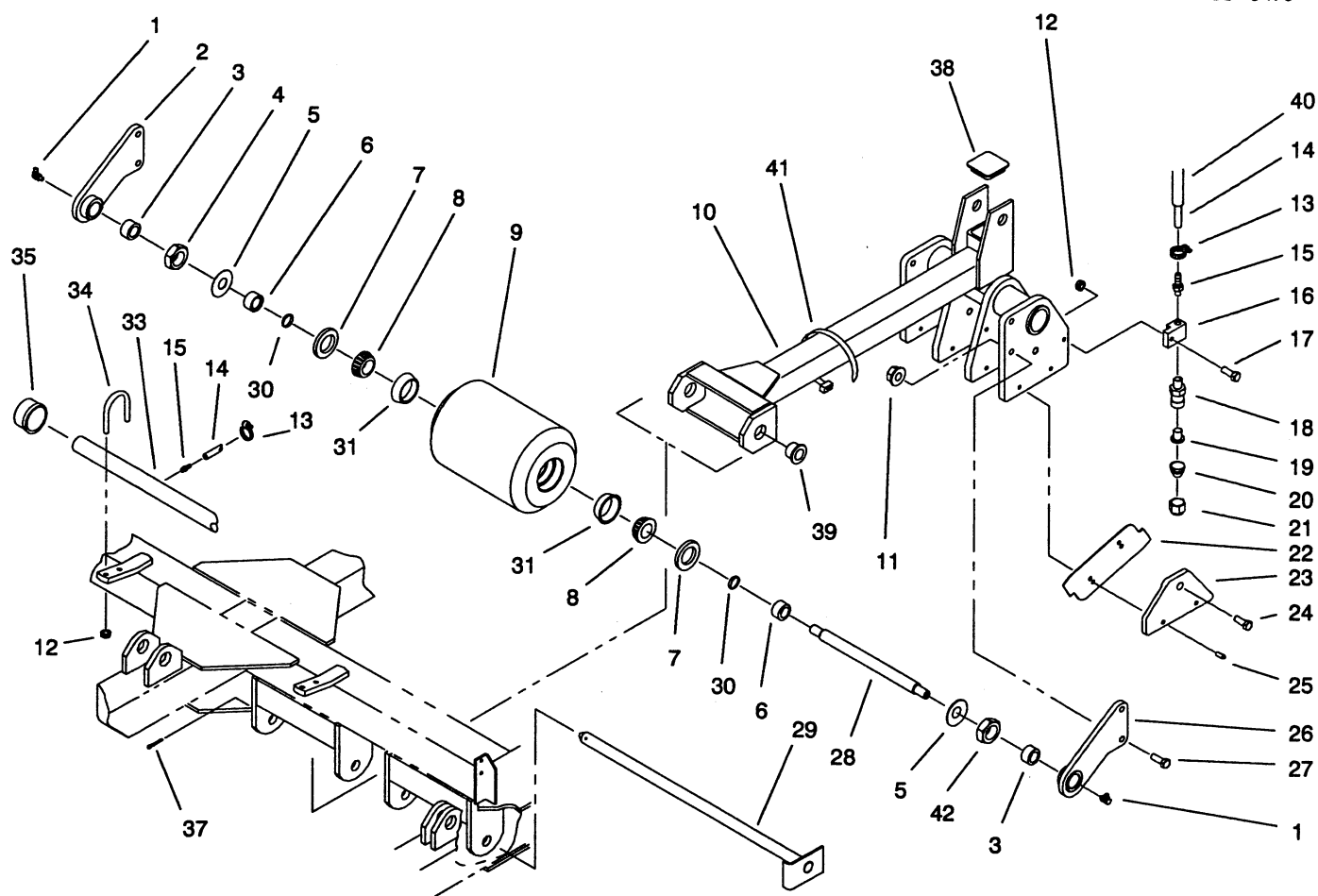
T-3248-1

HYDRAULIC CYLINDER ASSEMBLY NO. 95-9430

Ref. No.	Part No.	Description	No. Used
1	323-45	Screw-HH	1
2	99-0671	Rod-Piston	1
3	99-0672	Nut-Tie Rod	4
4	99-0673	Gland	1
5	99-0674	Back-Up Washer	2
6	99-0675	O-Ring	2
7	99-0676	Back-Up Washer	2
8	99-0677	O-Ring	1
10	99-0678	Piston	1
11	99-0679	Rod	1
		(Incl. Ref. #3)	4

Ref. No.	Part No.	Description	No. Used
12	99-0680	Butt	1
13	99-0684	Wiper	1
14	99-0685	U-Cup	1
15	99-0681	Tube	1
16	99-0682	Nut-Lock	1
17	99-0683	O-Ring	1
18	32153-2	Nut-Hex.	1
19	99-0610	Yoke-Cylinder	1
*	99-0729	Kit-Seal (Incl. Ref. #5-8, 13-14 & 17)	1

*Not Illustrated



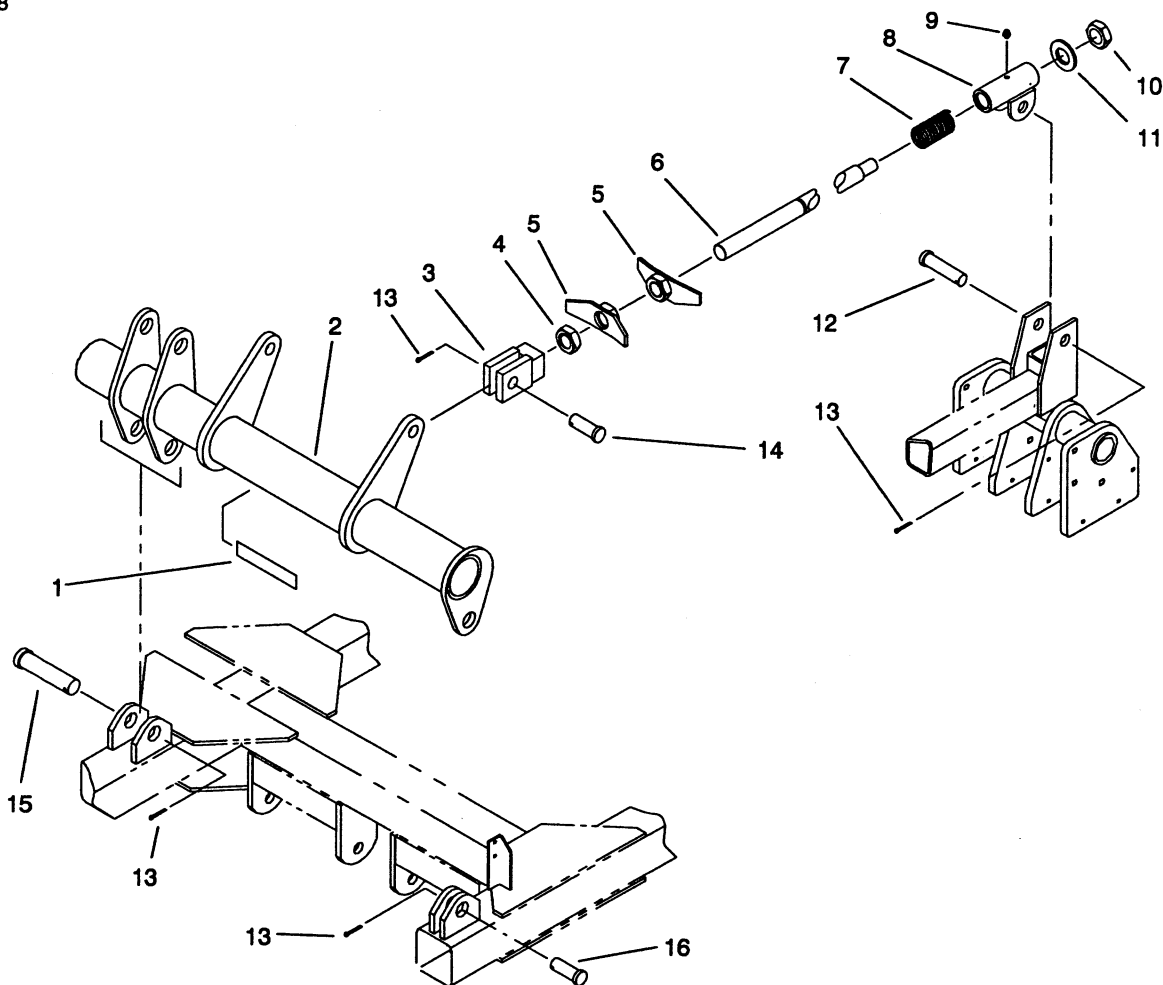
T-3223-1

BLADE & ROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	302-40	Fitting-Grease	8
2	95-9424	Roller Bracket Asm-RH	4
3	59-5780	Roller Bushing Assembly	8
4	3296-15	Nut-Lock	4
5	66-5620	Washer	8
6	59-5690	Sleeve-Wear	8
7	253-165	Seal-Outside	8
8	254-78	Cone-Bearing	8
9	95-9421	Roller	4
10	95-9438	Blade Arm Assembly (Incl. Ref. #25 & 39)	4
11	32128-43	Nut-Lock Flange	16
12	32128-33	Nut-Lock Flange	20
13	97406	Clamp-Hose	32
14	95-9440	Hose-Nozzle	16
15	94-7220	Barb-Hose	32
16	95-9419	Block-Nozzle Mount	16
17	321-8	Screw-HH	16
18	95-9460	Body-Nozzle, Brass	16
19	95-9458	Strainer-Nozzle, 50 Mesh	16
*	99-0409	Strainer-Nozzle, 100 Mesh	16
*	99-0410	Strainer-Nozzle, 200 Mesh	16

Ref. No.	Part No.	Description	No. Used
20	95-9439	Orifice-Nozzle	16
*	99-0406	Orifice-Nozzle	16
*	99-0407	Orifice-Nozzle	16
*	99-0408	Orifice-Nozzle	16
21	95-9461	Cap-Nozzle, Brass	16
22	95-9418	Blade	16
23	95-9416	Plate-Blade Clamp	16
24	325-4	Screw-HH	16
25	95-9417	Pin-Dowel	32
26	95-9425	Roller Bracket Asm-LH	4
27	323-8	Screw-HH	16
28	95-9402	Shaft-Roller	4
29	95-7839	Pivot Pin Assembly	2
30	237-54	O-Ring	8
31	254-79	Cup-Bearing	8
33	95-9452	Manifold	1
34	92-0010	U-Bolt	2
35	95-9468	Cap-Pipe	1
37	3272-13	Pin-Cotter	2
38	95-9495	Cap-Plastic	4
39	99-0485	Bearing-Flange	8
40	94-8606	Cover-Hose	8
41	3334-945	Tie-Cable	8
42	3220-7	Nut-Jam	4

*Not Illustrated

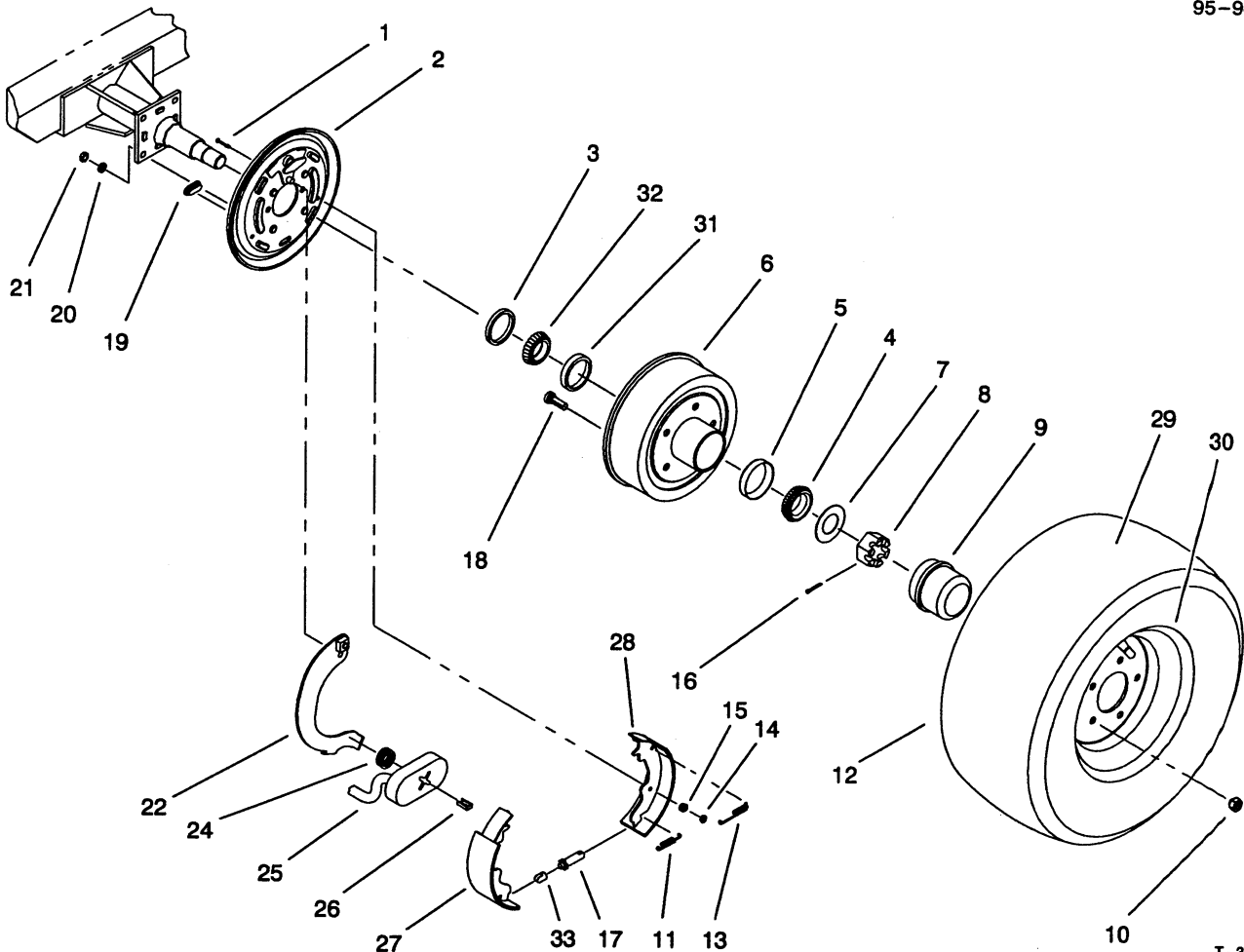


T-3222-1

ROCKER ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-7518	Decal-Pinch Point	1
2	99-0487	Rocker Bar Assembly (Incl. Ref. #1)	1
3	95-9405	Clevis Assembly	4
4	3218-9	Nut-Hex. Jam	4
5	99-0425	Wing Nut Assembly	8
6	95-9401	Rod-Compression	4
7	95-9433	Spring	8
8	95-7843	Rear Mount Assembly	4

Ref. No.	Part No.	Description	No. Used
9	302-40	Fitting-Grease	4
10	3296-51	Nut-Lock	4
11	3256-28	Washer-Flat	4
12	95-7810	Pin-Clevis	4
13	3272-13	Pin-Cotter	11
14	95-7809	Pin-Clevis	2
15	40969	Pin-Clevis	1
16	95-7812	Pin-Clevis	2



T-3221-1

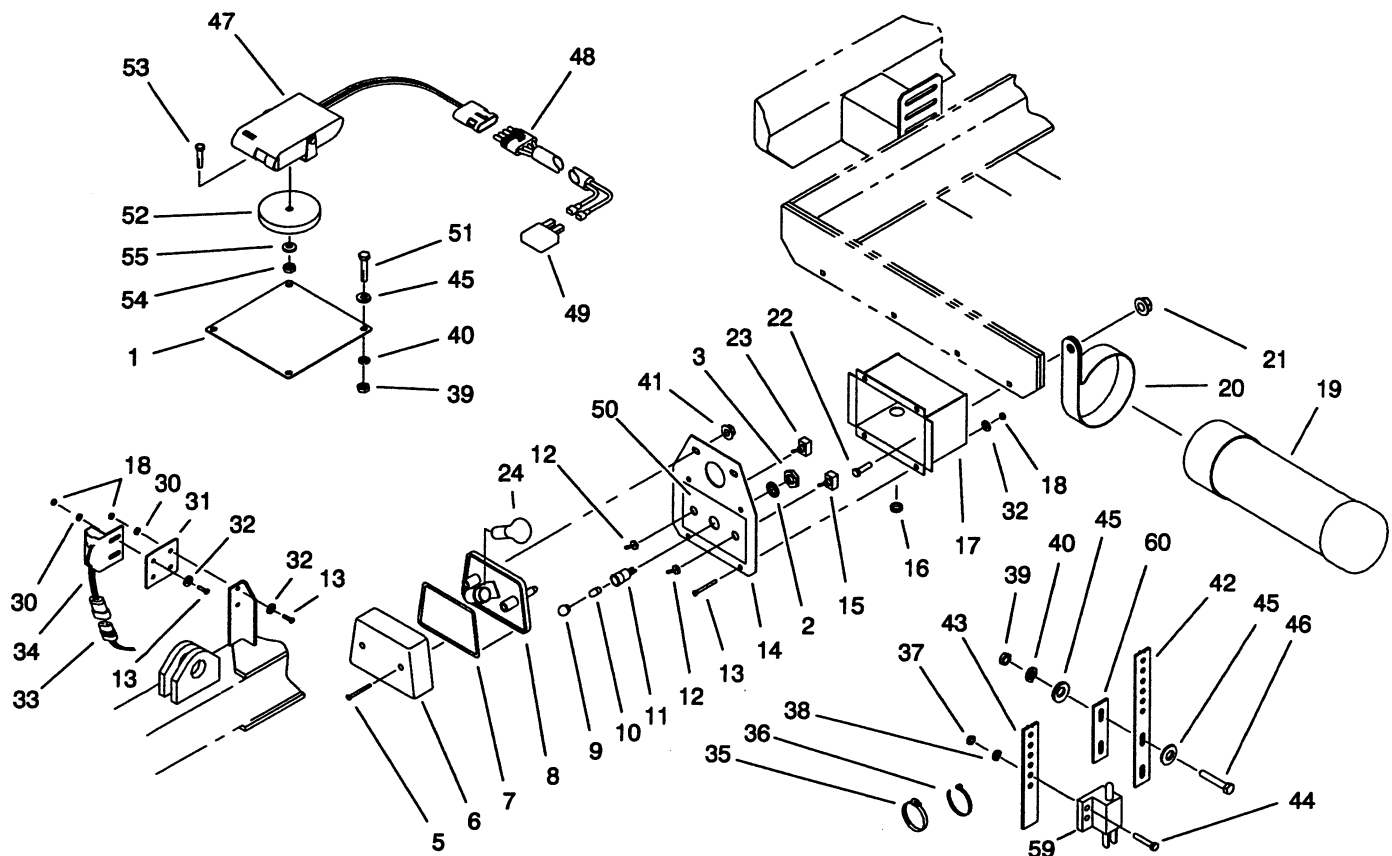
WHEEL & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99-0583	Pin-Hold Down	4
†2		Backing Plate Assembly	2
3	99-0585	Seal-Grease	2
4	99-0586	Bearing-Outer	2
5	99-0587	Cup-Outer	2
6	99-0588	Drum	2
		(Incl. Ref. #5, 18 & 31)	2
7	99-0589	Washer-Spindle	2
8	99-0590	Nut-Spindle	2
9	99-0591	Cap-Grease	2
10	242-50	Nut-Lug	10
11	99-0592	Spring-Adjusting Screw	2
12	42684	Wheel & Tire Assembly	2
		(Incl. Ref. #29 & 30)	2
13	99-0593	Spring-Shoe Retract	2
14	99-0594	Cups-Hold Down	4
		(Incl. Ref. #15)	4
†15		Spring	4
16	99-0596	Pin-Cotter	2
17	99-0597	Adjusting Screw Assembly	2
18	99-0598	Stud-Wheel	20

Ref. No.	Part No.	Description	No. Used
19	99-0599	Plug-Adjusting Slot	2
20	3253-6	Washer-Lock	8
21	3219-4	Nut-Hex.	8
22	99-0600	Arm-Magnet Lever, LH	1
*23	99-0601	Arm-Magnet Lever, RH	1
24	99-0603	Spring-Magnet	2
25	99-0604	Magnet Assembly	2
26	99-0605	Clip-Magnet	2
27	99-0606	Shoe-Primary	2
28	99-0607	Shoe-Secondary	2
29	42685	Tire	2
30	42667	Rim-Wheel	2
31	99-0608	Cup-Inner	2
32	99-0609	Bearing-Inner	2
33	99-0612	Adjusting Socket	2
*	99-0731	Brake Cluster, LH	1
		(Incl. Ref. #1, 2, 11, 13-15, 17, 19, 22-28 & 33)	1
*	99-0732	Brake Cluster, RH	1
		(Incl. Ref. #1-2, 11, 13-15, 17, 19, 22-28 & 33)	1

†Not Serviced Separately
Note: Left Hand Wheel & Brake Assembly Shown.

*Not Illustrated



T-3232-1

ELECTRICAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95-9498	Plate-Brake Controller	1
2	218-536	Washer-Lock	1
3	218-535	Nut-Hex.	1
5	32144-93	Screw-PPH	2
6	87-6300	Lens-Tail Light	1
7	87-6310	Gasket-Tail Light	1
8	87-2110	Tail Light (Incl. Ref. #5-7 & 24)	1
9	218-562	Lens-Amber	1
10	93-7480	Bulb-LED	1
11	44-2212	Lamp-Warning (Incl. Ref. #2-3 & 9-10)	1
12	30955	Boot-Switch	2
13	3250-31	Screw-HWH	8
14	99-0486	Panel-Switch Box Cover (Incl. Ref. #50)	1
15	92-0250	Switch-Toggle	1
16	95-2282	Grommet	1
17	95-9456	Electrical Box Assembly	1
18	3219-14	Nut-Hex.	8
19	42559	Tube-Manual	1
20	42560	R-Clamp	2
21	32128-33	Nut-Lock, Flange	2
22	321-9	Screw-HH	2
23	30953	Switch-Toggle	1
24		Bulb-Tail Light (#1157 Standard 12 Volt)	1
30	3253-17	Washer-Lock	4

Ref. No.	Part No.	Description	No. Used
31	99-0420	Plate-Switch	1
32	3256-14	Washer-Flat	8
33	95-9455	Harness-Sub. Surf. Appl.	1
34	99-0560	Switch-Limit	1
35	21146	Clamp-Hose	2
36	95672	Tie-Cable	12
37	3217-26	Nut-Hex.	2
38	3253-17	Washer-Lock	2
39	3217-5	Nut-Hex.	6
40	3253-3	Washer-Lock	6
41	3290-506	Nut	2
42	92-8361	Strap-Switch Mount	1
43	92-8357	Switch Mount Bracket Asm	1
44	3251-3	Screw-Round	2
45	3256-22	Washer-Flat	8
46	321-8	Screw-HH	2
47	95-9483	Brake Controller Assembly	1
48	95-9397	Harness-Tractor (Incl. Ref. #49)	1
49	99-0670	Auto-Reset Circuit Breaker	1
50	95-9492	Decal-Control Panel	1
51	321-4	Screw-HH	4
52	92-0256	Magnet	1
53	32105-8	Screw-HH	1
54	3217-26	Nut-Hex.	1
55	3256-14	Washer-Flat	1
59	92-0305	Switch-Limit	1
60	92-8362	Strap-Mount	1

*Not Illustrated



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