Form No. 3350–899

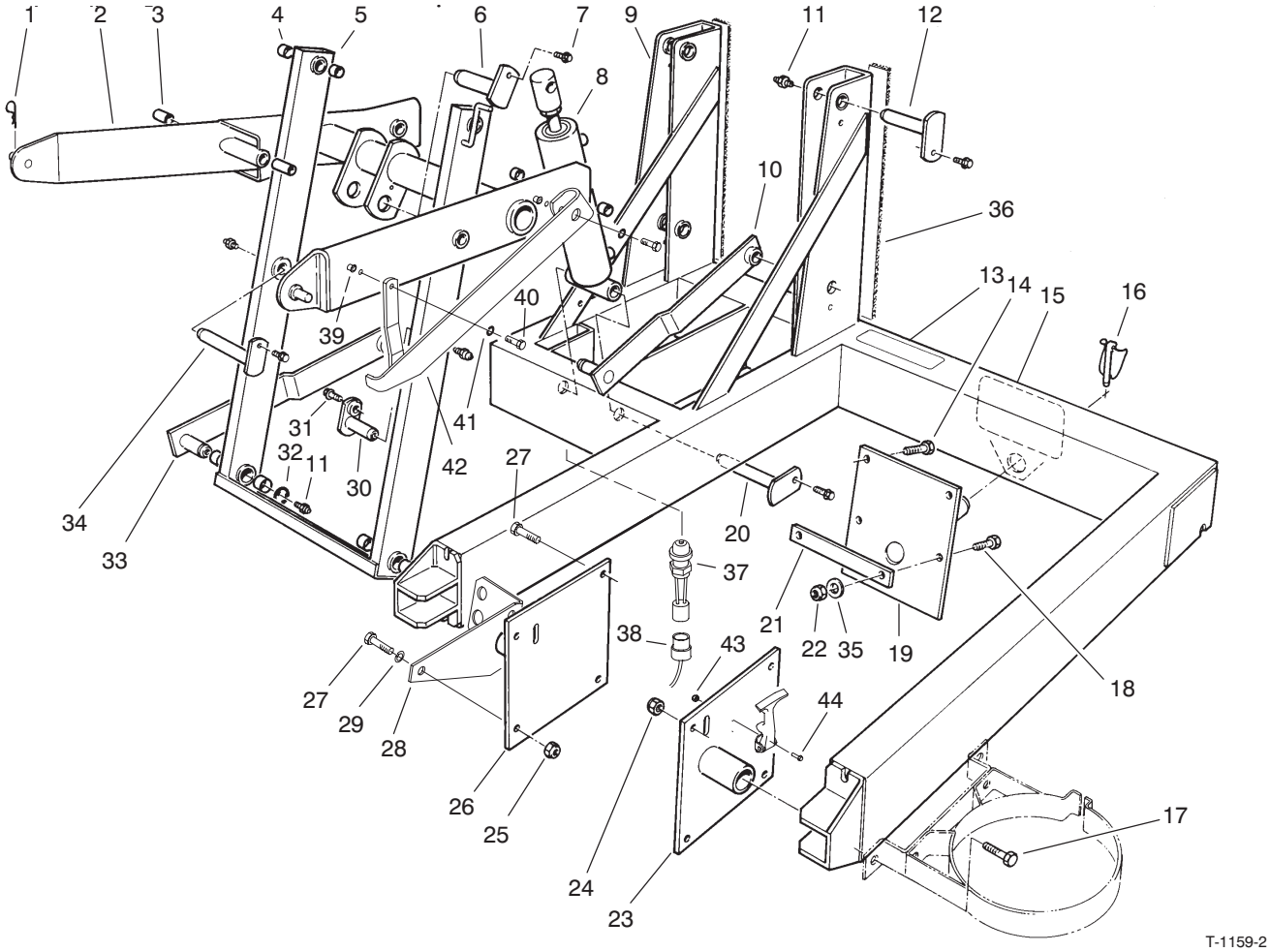
TORO

MODEL NO. 30505–240000001 & Up

PARTS CATALOG

15 CU. FT. HOPPER KIT

For Groundsmaster® 200 Series/GM1000L



T-1159-2

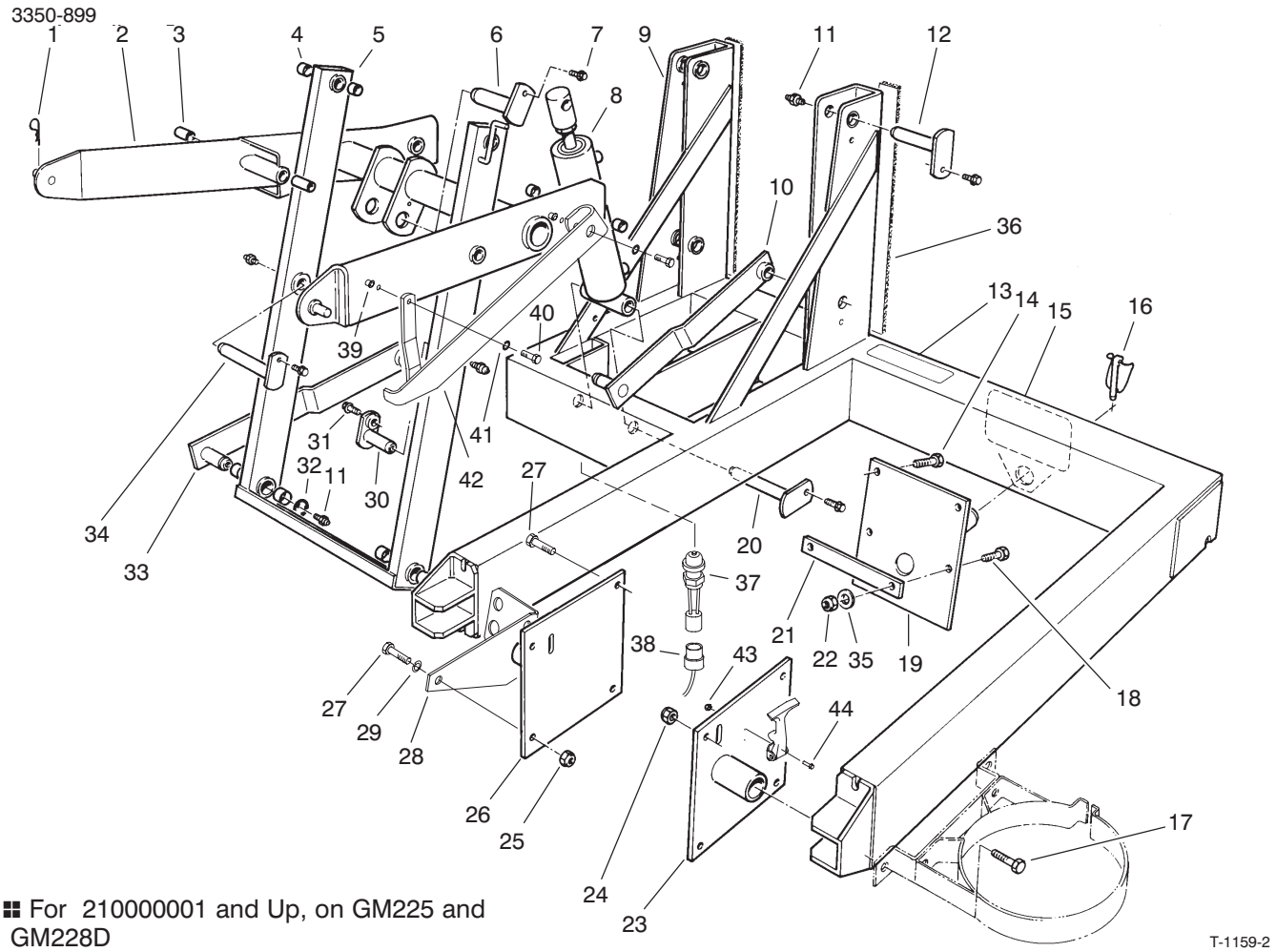
Frame Assembly

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin-Cotter Hair	2
2	77-6740	Asm-Main Lift Arm (Incl. Ref. #3 & 4)	1
3	256-77	Bushing-Sleeve	2
4	256-76	Bushing-Sleeve	14
5	77-6750	Asm-Arm (Incl. Ref. #4)	1
6	77-6560	Pin-Cylinder Mount	1
7	49-2040	Screw-HHF	6
8	77-5950	Asm-Hydraulic Cylinder	1
9	77-6001	Asm-Main Frame (Incl. Ref. #13, 15 & 36)	1
10	77-6360	Asm-Lower Arm, LH (Incl. Ref. #11)	1
11	302-5	Fitting-Grease	8
12	77-6600	Asm-Pivot Pin (Incl. Ref. #11)	4
13	107-2931	Decal	1
14	325-5	Screw-HH	2
15	62-5550	Decal-TORO	1
16	3290-384	Pin-Disconnect	1
17	322-6	Screw-HH	4
18	325-6	Screw-HH	2
19	77-6160	Bracket-Rear	1
20	77-6561	Pin-Pivot	1
21	77-6690-03	Strap	2
22	3296-25	Nut-Lock	4
23	95-6292	Bracket-Side LH	1
24	3296-29	Nut-Lock	4
25	32152-2	Nut-Hex.	2
26	95-6291	Bracket-Side RH	1
27	323-6	Screw-HH	4
28	95-6294	Bracket-Coupler	1

PROTOTYPE

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TPS



■ For 210000001 and Up, on GM225 and GM228D

T-1159-2

Frame Assembly (Continued)

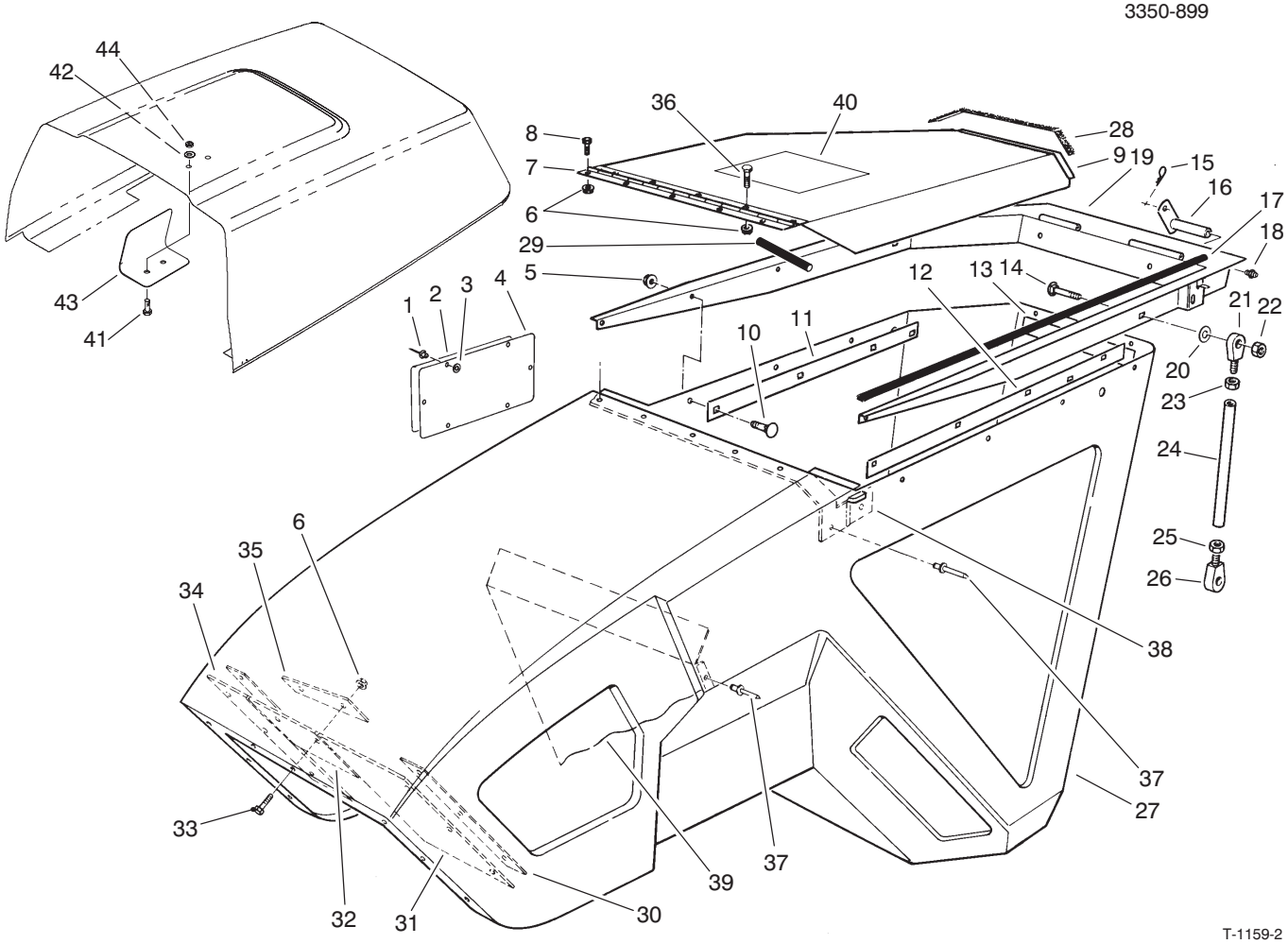
Ref. No.	Part No.	Description	No. Used
29	3253-5	Washer-Lock	2
30	77-6602	Asm-Pivot Pin (Incl. Ref. #11)	1
31	49-2040	Screw-HWH	2
32	32151-48	Ring-Retaining	2
33	77-6390	Asm-Lower Arm, RH (Incl. Ref. #11)	1
34	77-6601	Asm-Pivot Pin (Incl. Ref. #11)	1
35	3256-26	Washer-Flat	2
36	82-5880	Bumper	2
37	94-3429	Switch	1

Ref. No.	Part No.	Description	No. Used
38	94-3767	Harness-W ire	1
■38	105-9585	Harness-Switch	1
39	32148-8	Nut-Clinch	2
40	322-4	Screw-HH	2
41	3253-4	Washer-Lock	2
42	98-1826	Skid-Hopper	1
†43	3296-2	Nut-Lock	4
†44	3290-126	Screw-HHF	4
*	107-2930	Decal-W arning	1
*	3290-378	Tie-Cable	6

PROTOTYPE

*Not Illustrated

† Used with GM1000L only.



T-1159-2

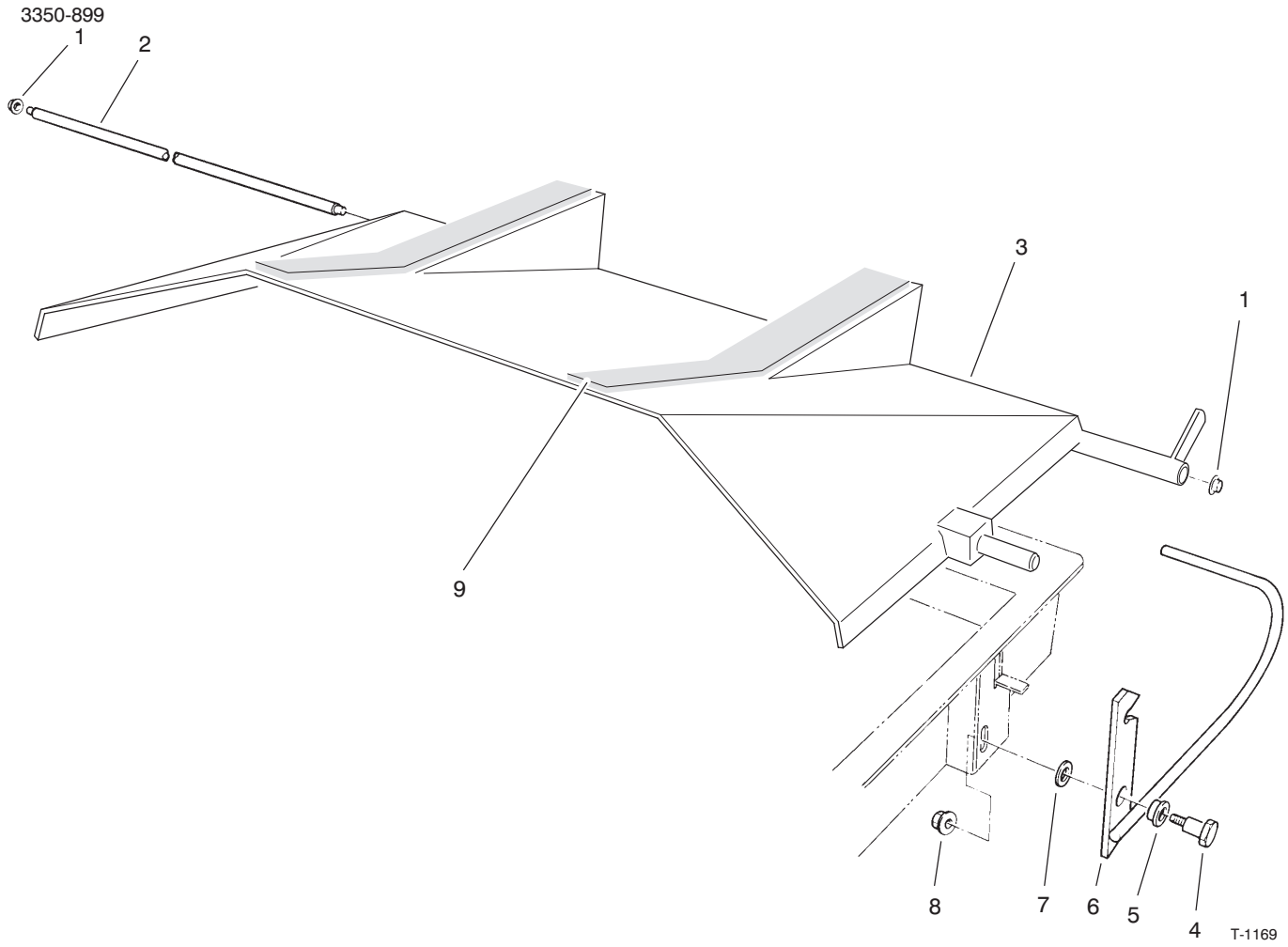
Hopper Assembly

Ref. No.	Part No.	Description	No. Used
1	3290-415	Rivet - Pop	6
2	80-4760	Decal	1
3	3269-10	Washer	6
4	80-4740	Plate	1
5	32128-20	Nut-Flange	9
6	32128-17	Nut-Flange	18
7	77-6770-03	Hinge	1
8	32105-13	Screw-HH	5
9	93-3751	Cover-Hopper Front	1
10	3230-2	Bolt-Carriage	9
11	77-6651	Plate-Backup	1
12	77-6650	Plate-Backup	1
13	77-6660	Plate-Backup	1
14	3233-14	Bolt-Carriage	2
15	3290-467	Pin-Hair Cotter	2
16	77-6600	Asm-Pivot Pin (Incl. Ref. #18)	2
17	93-4376	Seal-Left	1
*	93-4375	Seal-Right	1
18	302-5	Fitting-Grease	2
19	77-6430	Arm	1
20	3256-26	Washer-Flat	2
21	61-3530	End-Rod RH	2
22	32153-5	Nut-Lock	2

Ref. No.	Part No.	Description	No. Used
23	3220-5	Nut-Jam	2
24	77-6490-03	Rod	2
25	3220-12	Nut-Jam LH	2
26	61-3540	End-Rod LH	2
27	94-5361	Hopper ASM (Incl. Ref. #37 & 39)	1
28	93-6649	Seal-Cover Rear	1
29	93-4374	Seal-LH	1
*	93-4373	Seal-RH	1
30	82-5840	Plate-Shield Side	2
31	82-5820	Shield-W ide	1
32	82-5810	Shield-T op	1
33	32105-12	Screw-Cap Hex. Hd.	8
34	82-5821	Shield-Narrow	1
35	82-5830	Plate-Shield Short	1
36	32105-2	Screw-HH	5
37	3269-20	Rivet-P op	13
38	92-6329	Plate-Stiffener	1
39	80-4750	Baffle-Hopper	1
40	107-2929	Decal-W arning	1
†41	322-5	Screw-HH	2
†42	3256-57	Washer-Flat	2
†43	98-1827	Plate-Skid	1
†44	3296-29	Nut-Lock	2

PROTOTYPE

*Not Illustrated
† Used with GM1000L only.

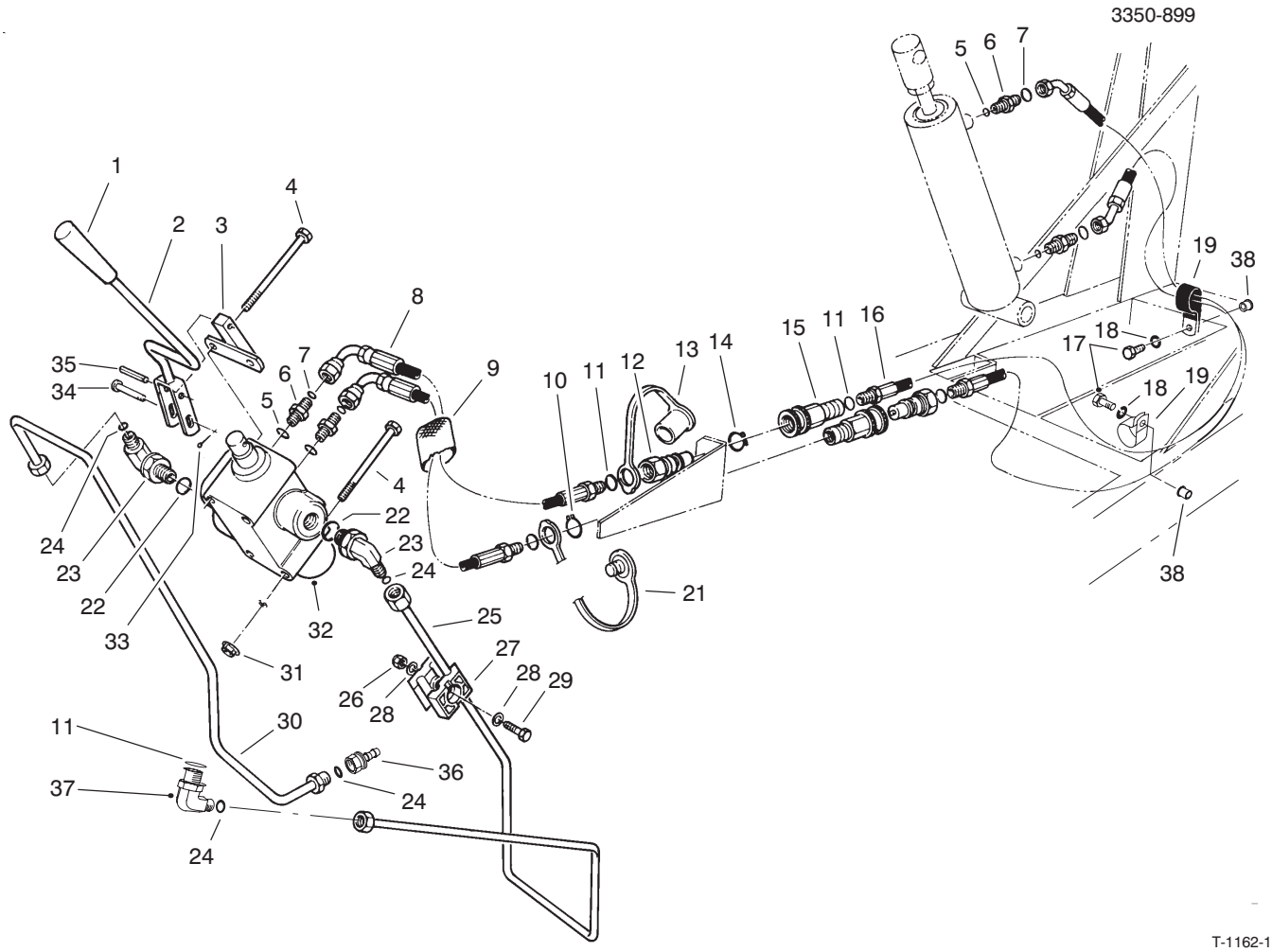


Rear Cover and Latch Assembly

Ref. No.	Part No.	Description	No. Used
1	32112-1	Retainer	2
2	77-6540	Pin-Hinge	1
3	93-3237	Cover-Rear	1
4	28-0540	Bolt-Shoulder	1
5	256-284	Bushing-Flange	1

Ref. No.	Part No.	Description	No. Used
6	77-6890	Asm-Latch (Incl. Ref. #5)	1
7	80-4980	Washer-Flat	1
8	32128-20	Nut-Flange Lock	1
9	82-5870	Foam	2

PROTOTYPE



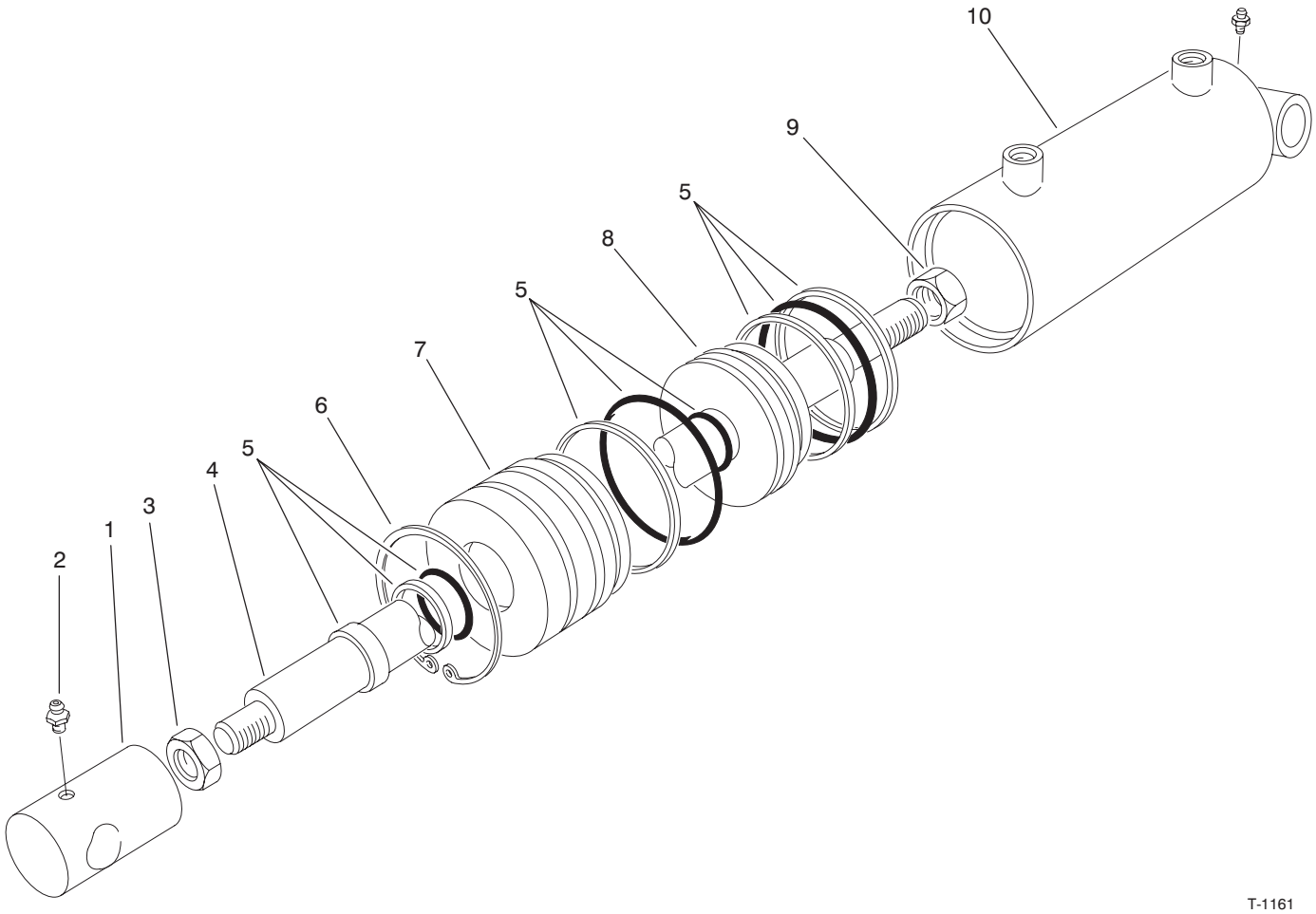
Hydraulic Plumbing Assembly

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob-Handle	1
2	80-3490	Handle	1
3	80-3360	Lever-Pivot	1
4	321-14	Screw-HH	3
5	237-78	O-Ring	4
6	340-92	Fitting-Hydraulic, Straight (Incl. Ref. #5 & 7)	4
7	237-21	O-Ring	4
8	77-5960	Asm-Hose (Incl. Ref. #11)	2
9	56-7982	Sleeve-Hose	1
10	32151-83	Ring-Retaining	1
11	237-42	O-Ring	5
12	63-1240	Nipple-Quick Disconnect	2
13	353-985	Plug-Dust	1
14	32151-79	Ring-Retaining	1
15	63-1220	Coupler-Quick Disconnect	2
16	77-5970	Asm-Hose (Incl. Ref. #11)	2
17	322-4	Screw-HH	2
18	3253-4	Washer-Lock	2

Ref. No.	Part No.	Description	No. Used
19	2412-105	Clamp-T ube	2
21	353-984	Plug-Dust	1
22	237-42	O-Ring	2
23	340-77	Fitting-Hydraulic 90° (Incl. Ref. #22 & 24)	4
24	237-22	O-Ring	2
25	77-5980	Tube-Hydraulic	1
26	3296-8	Nut-Lock	1
27	56-7973	Clamp	2
28	3256-22	Washer-Flat	2
29	321-8	Screw-HH	1
30	77-5990	Tube-Hydraulic	1
31	32128-33	Nut-Flange Lock	3
32	43-1950	Asm-Control Valve	1
33	3272-4	Pin-Cotter	1
34	283-17	Pin-Clevis	1
35	32121-5	Pin-Roll	1
†36	98-2300	Fitting-Hydraulic	1
†37	340-77	Fitting-Hydraulic	1
38	32148-7	Nut-Clinch	2
*	107-2939	Decal-V alve Operation	1

PROTOTYPE

*Not Illustrated
† Used with GM1000L only.



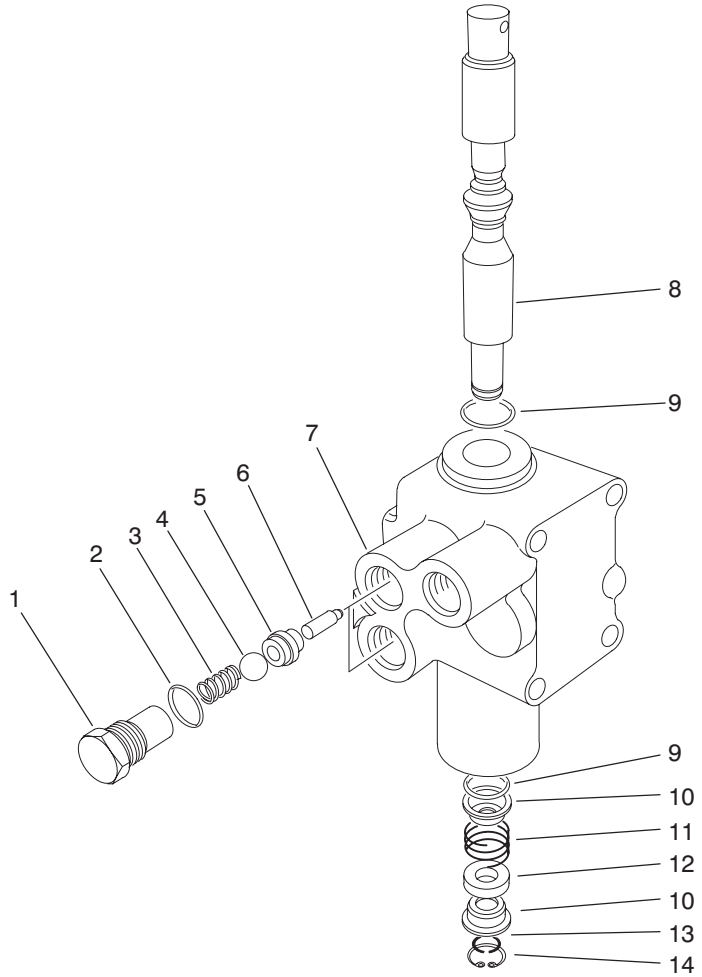
T-1161

Hydraulic Cylinder Assembly No. 77—5950

Ref. No.	Part No.	Description	No. Used
1	77-6980	Clevis	1
2	302-55	Fitting-Grease	2
3	77-6990	Nut	1
4	77-6960	Shaft	1
5	67-5500	Seal Repair Kit	1

Ref. No.	Part No.	Description	No. Used
6	67-5470	Ring-Retaining	1
7	67-5460	Head	1
8	67-5450	Piston	1
9	60-9760	Nut-Hex.	1
10	77-6970	Barrel	1

PROTOTYPE



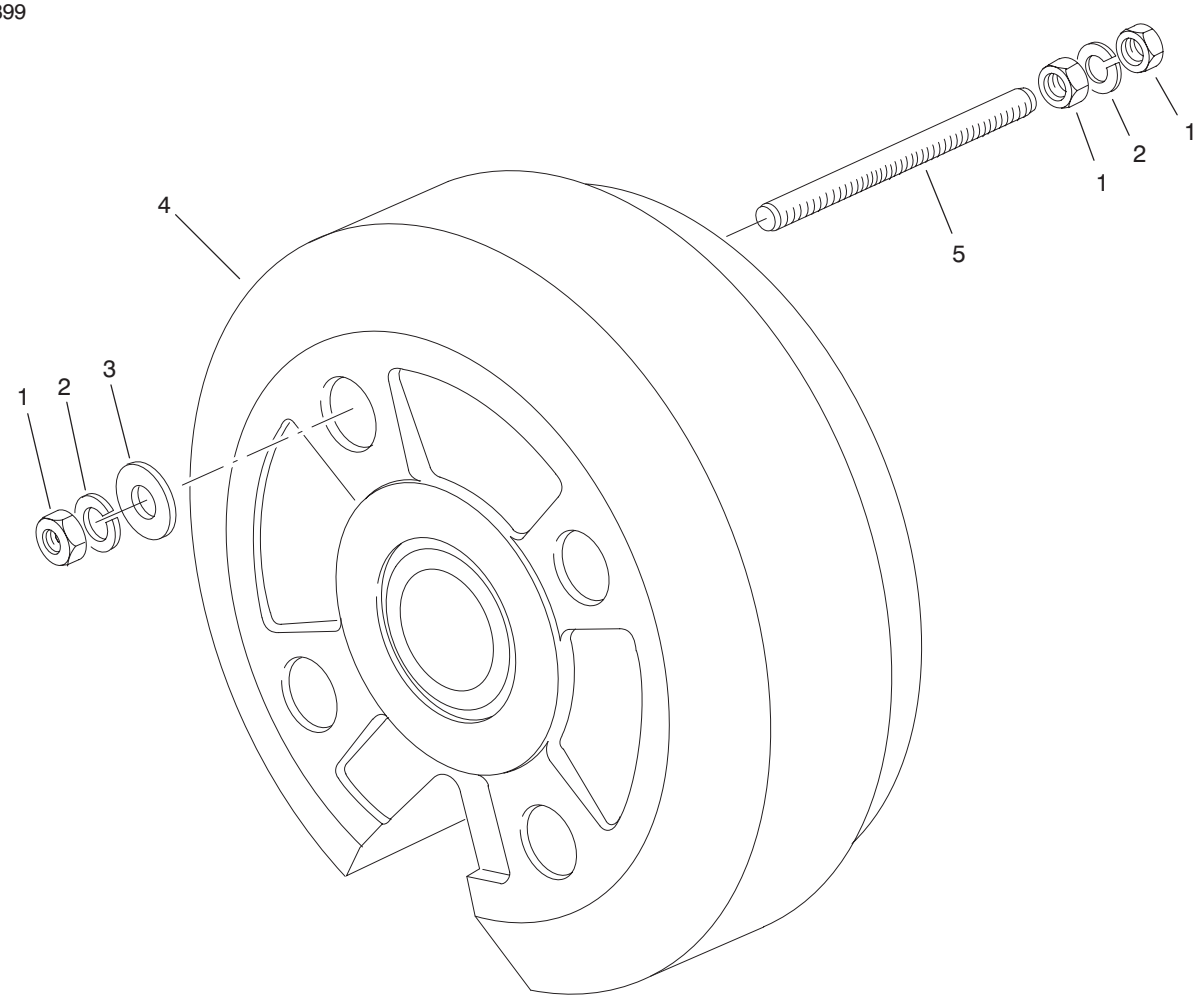
T-0280

Control Valve Assembly No. 43—1950

Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2
2	237-42	O-Ring	2
3	22-8340	Spring-Compression	2
4	22-8350	Ball	2
5	22-8370	Seat-Check Valve	2
6	22-8360	Pin-Cam	2
7		Body	1

Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
9	22-8500	O-Ring	2
10	22-8380	Retainer-Spring	2
11	22-8410	Spring-Compression	1
12	23-3030	Spacer	1
13	22-8480	Ring-Retaining	1
14	22-8490	Ring-Retaining	1

PROTOTYPE



T-1163

Wheel Weight Assembly No. 77–6700

Ref. No.	Part No.	Description	No. Used
1		Nut-Hex.	6
2		Washer-Lock	4
3		Washer-Flat	2

Ref. No.	Part No.	Description	No. Used
4	77-6700	Asm-W eight, Wheel (Incl. Ref. #1-5)	1
5		Rod-Threaded	2

PROTOTYPE