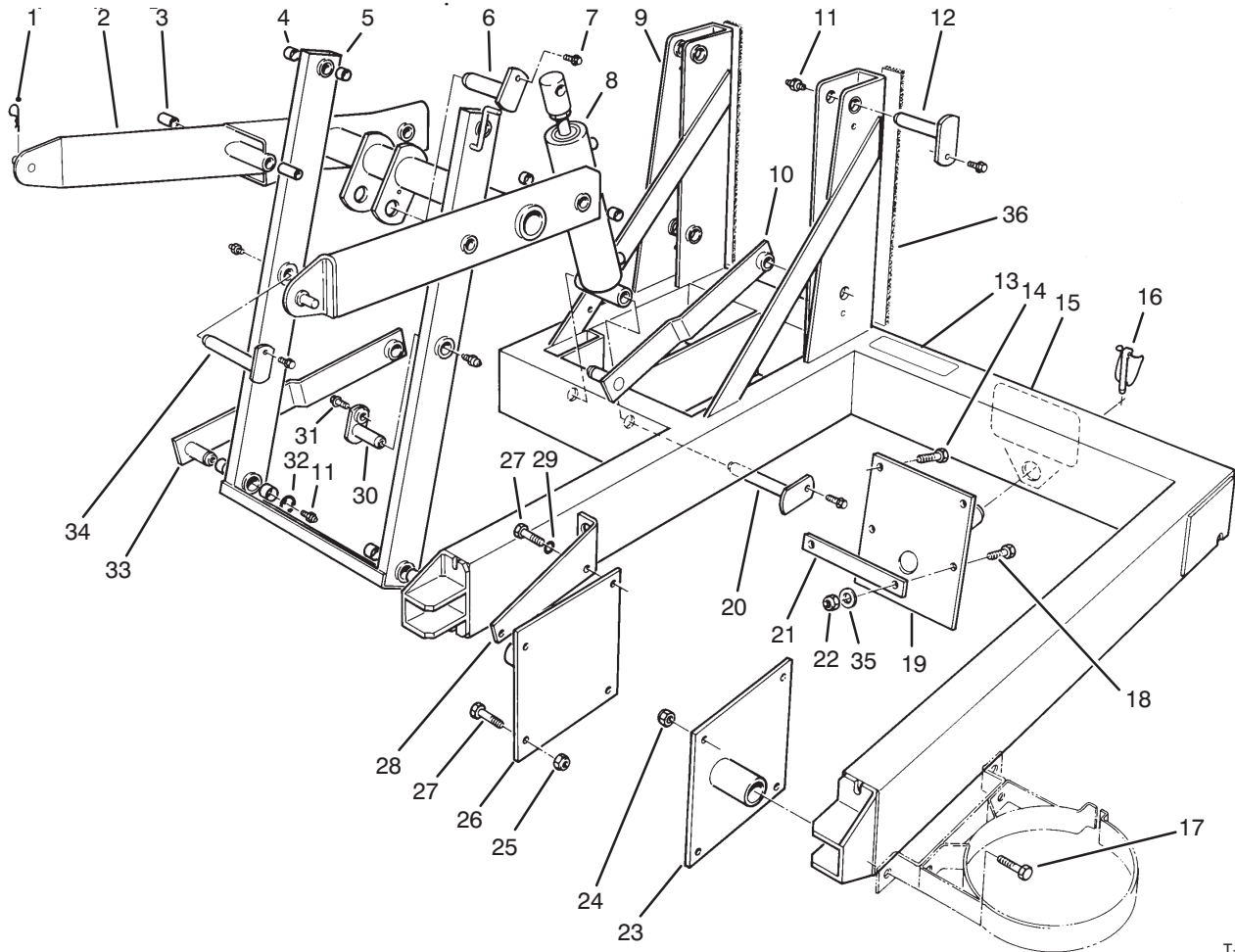


TORO®

MODEL NO. 30505-50001 & UP

PARTS CATALOG

15 CU. FT. HOPPER KIT For Groundsmaster 200 Series

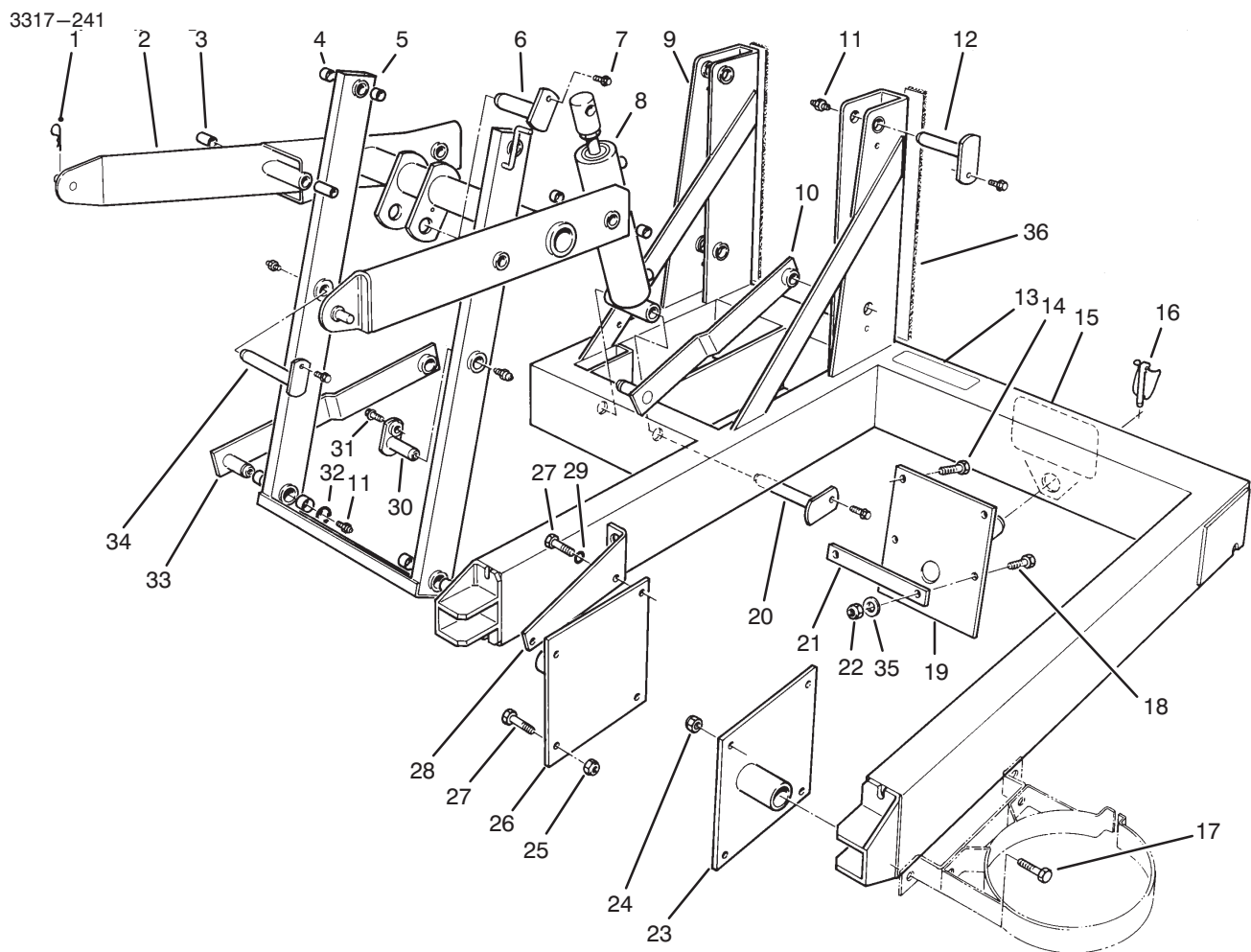


T-1159

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin - Cotter Hair	2
2	77-6740	Main Lift Arm Assembly (Incl. Ref. #3 & 4)	1
3	256-77	Bushing - Sleeve	2
4	256-76	Bushing - Sleeve	14
5	77-6750	Arm Assembly (Incl. Ref. #4)	1
6	77-6560	Pin - Cylinder Mount	1
7	49-2040	Screw - Hex. Flange Hd.	6
8	77-5950	Hydraulic Cylinder Assembly	1
9	77-6001	Main Frame Assembly (Incl. Ref. #13, 15 & 36)	1
10	77-6360	Lower Arm Assembly LH (Incl. Ref. #11)	1
11	302-5	Fitting - Grease	8
12	77-6600	Pivot Pin Assembly (Incl. Ref. #11)	4

Ref. No.	Part No.	Description	No. Used
13	80-4650	Decal	1
14	325-5	Screw - Cap Hex. Hd.	2
15	62-5550	Decal - TORO	1
16	3290-384	Pin - Disconnect	1
17	322-6	Screw - Cap Hex. Hd.	4
18	325-6	Screw - Cap Hex. Hd.	2
19	77-6160	Bracket - Rear	1
20	77-6561	Pin - Pivot	1
21	77-6690	Strap	2
22	3296-25	Nut - Lock	4
23	77-6240	Bracket - Side LH	1
24	3296-29	Nut - Lock	4
25	32152-2	Nut - Hex.	2
26	77-6210	Bracket - Side RH	1
27	323-6	Screw - Cap Hex. Hd.	4
28	77-6670	Bracket - Coupler	1
29	3253-5	Washer - Lock	2



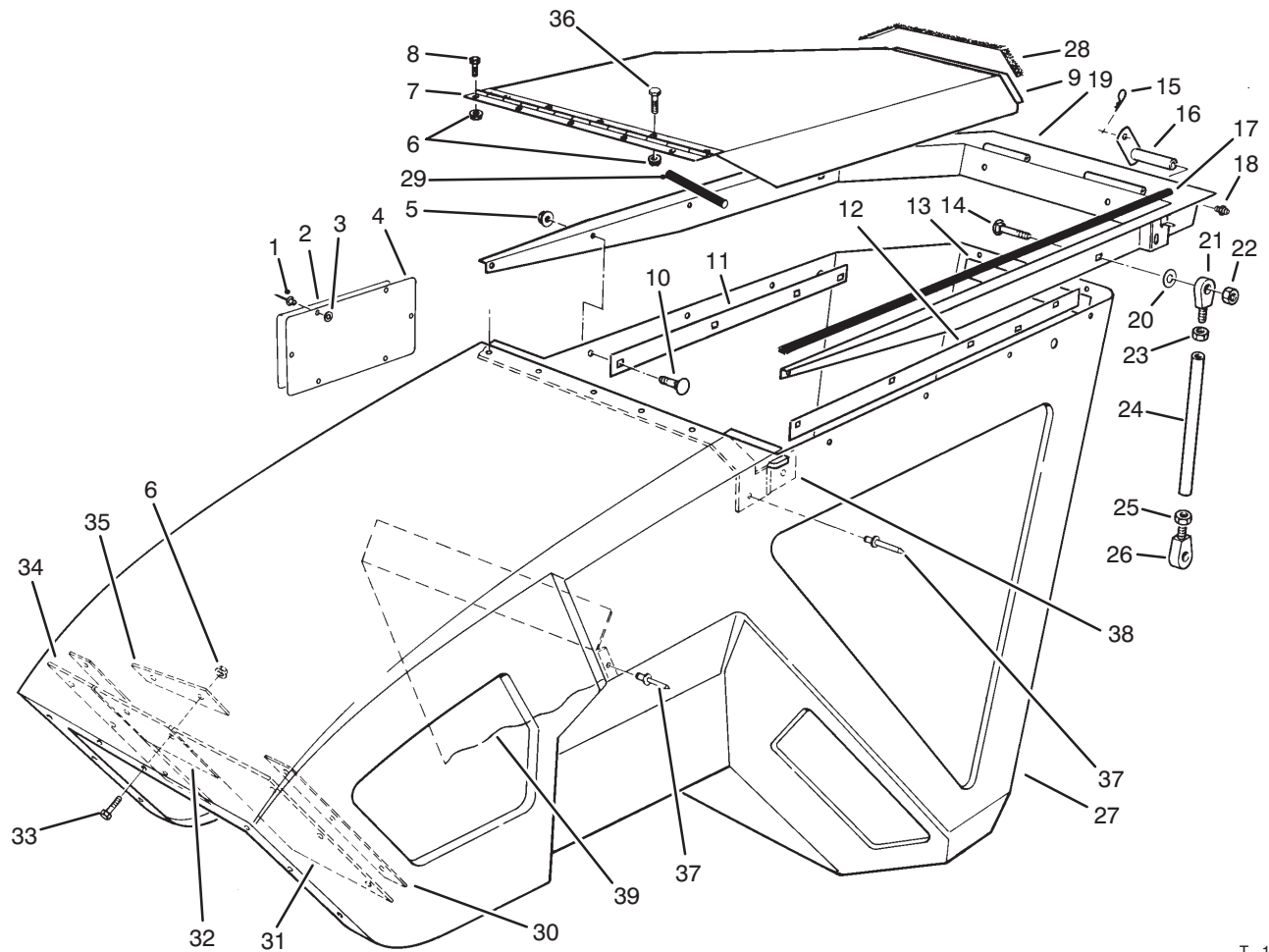
T-1159

FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
30	77-6602	Pivot Pin Assembly (Incl. Ref. #11)	1
31	49-2040	Screw - Hex. Washer Hd.	2
32	32151-48	Ring - Retaining	2
33	77-6390	Lower Arm Assembly RH (Incl. Ref. #11)	1

Ref. No.	Part No.	Description	No. Used
34	77-6601	Pivot Pin Assembly (Incl. Ref. #11)	1
35	3256-26	Washer - Flat	2
36	82-5880	Bumper	2
*	80-4660	Decal - Warning	1

*Not Illustrated

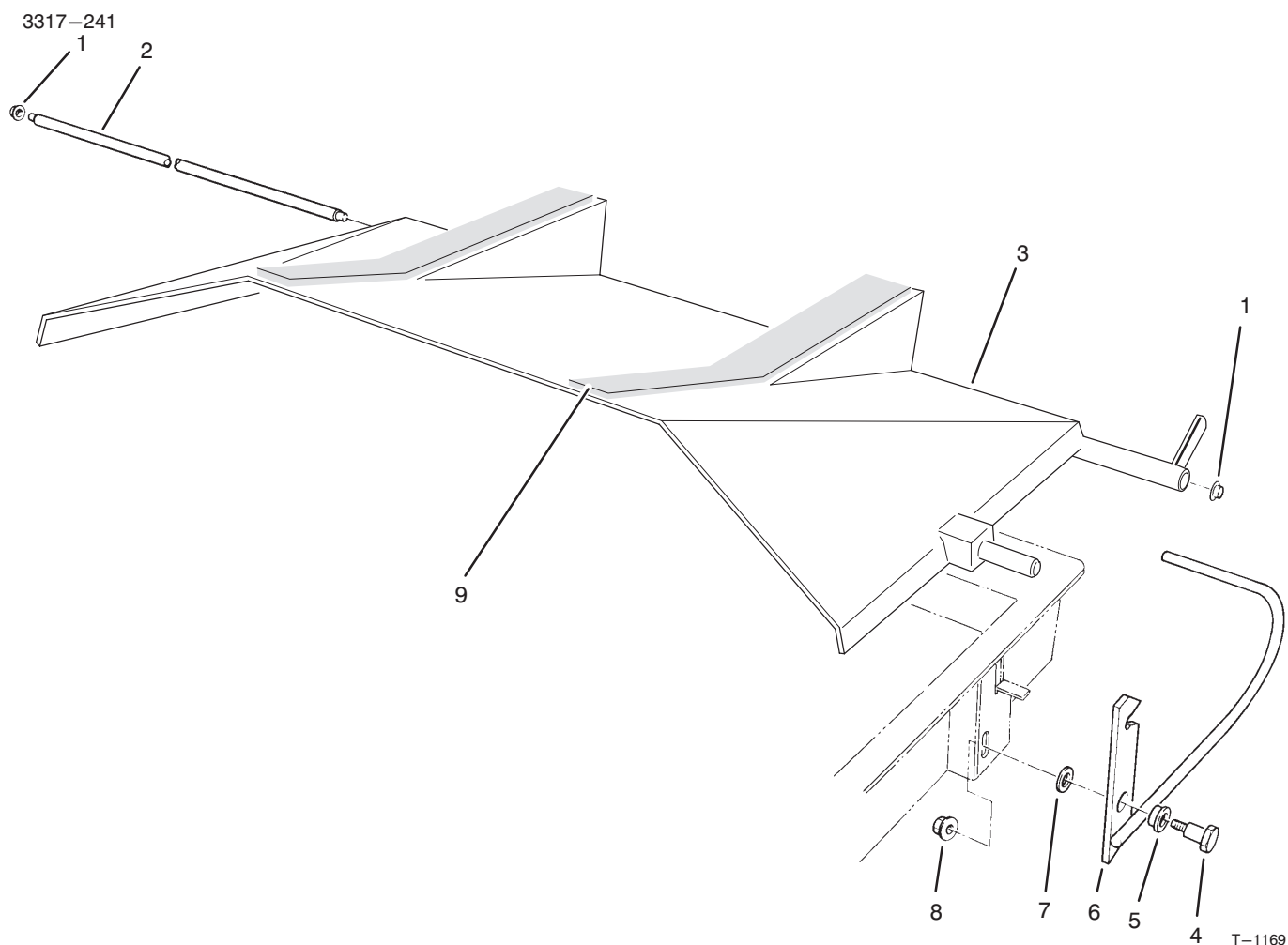


T-1160

HOPPER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-415	Rivet - Pop	6	20	3256-26	Washer - Flat	2
2	80-4760	Decal	1	21	2411-48	End - Rod RH	2
3	3269-10	Washer	6	22	32153-5	Nut - Lock	2
4	80-4740	Plate	1	23	3220-5	Nut - Jam	2
5	32128-20	Nut - Flange	9	24	77-6490	Rod	2
6	32128-17	Nut - Flange	18	25	3220-12	Nut - Jam LH	2
7	77-6770	Hinge	1	26	2411-49	End - Rod LH	2
8	32105-13	Screw - Cap Hex. Hd.	5	27	77-6510	Hopper	1
9	93-3751	Cover - Hopper Front	1	28	93-6649	Seal - Cover Rear	1
10	3230-2	Bolt - Carriage	9	29	93-4374	Seal - LH	1
11	77-6651	Plate - Backup	1	*	93-4373	Seal - RH	1
12	77-6650	Plate - Backup	1	30	82-5840	Plate - Shield Side	2
13	77-6660	Plate - Backup	1	31	82-5820	Shield - Wide	1
14	3233-14	Bolt - Carriage	2	32	82-5810	Shield - Top	1
15	3290-467	Pin - Hair Cotter	2	33	32105-12	Screw - Cap Hex. Hd.	8
16	77-6600	Pivot Pin Assembly (Incl. Ref. #18)	2	34	82-5821	Shield - Narrow	1
17	93-4376	Seal - Left	1	35	82-5830	Plate - Shield Short	1
*	93-4375	Seal - Right	1	36	32105-2	Screw - Cap Hex. Hd.	5
18	302-5	Fitting - Grease	2	37	3269-20	Rivet - Pop	13
19	77-6430	Arm	1	38	92-6329	Plate - Stiffener	1
				39	80-4750	Baffle - Hopper	1

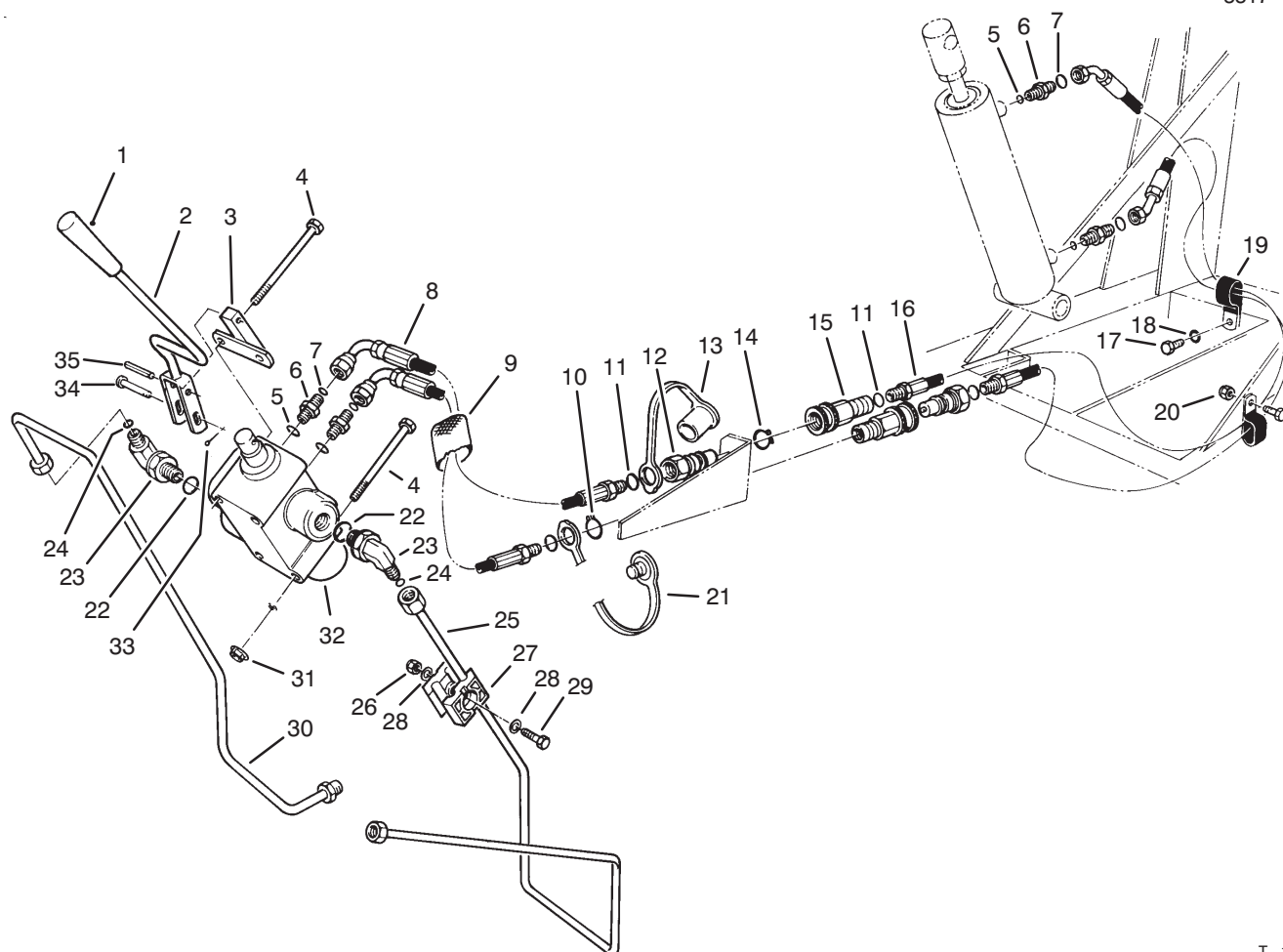
*Not Illustrated



REAR COVER & 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	Latch Assembly (Incl. Ref. #5)	1
7	80-4980	Washer - Flat	1
8	32128-20	Nut - Flange Lock	1
9	82-5870	Foam	2

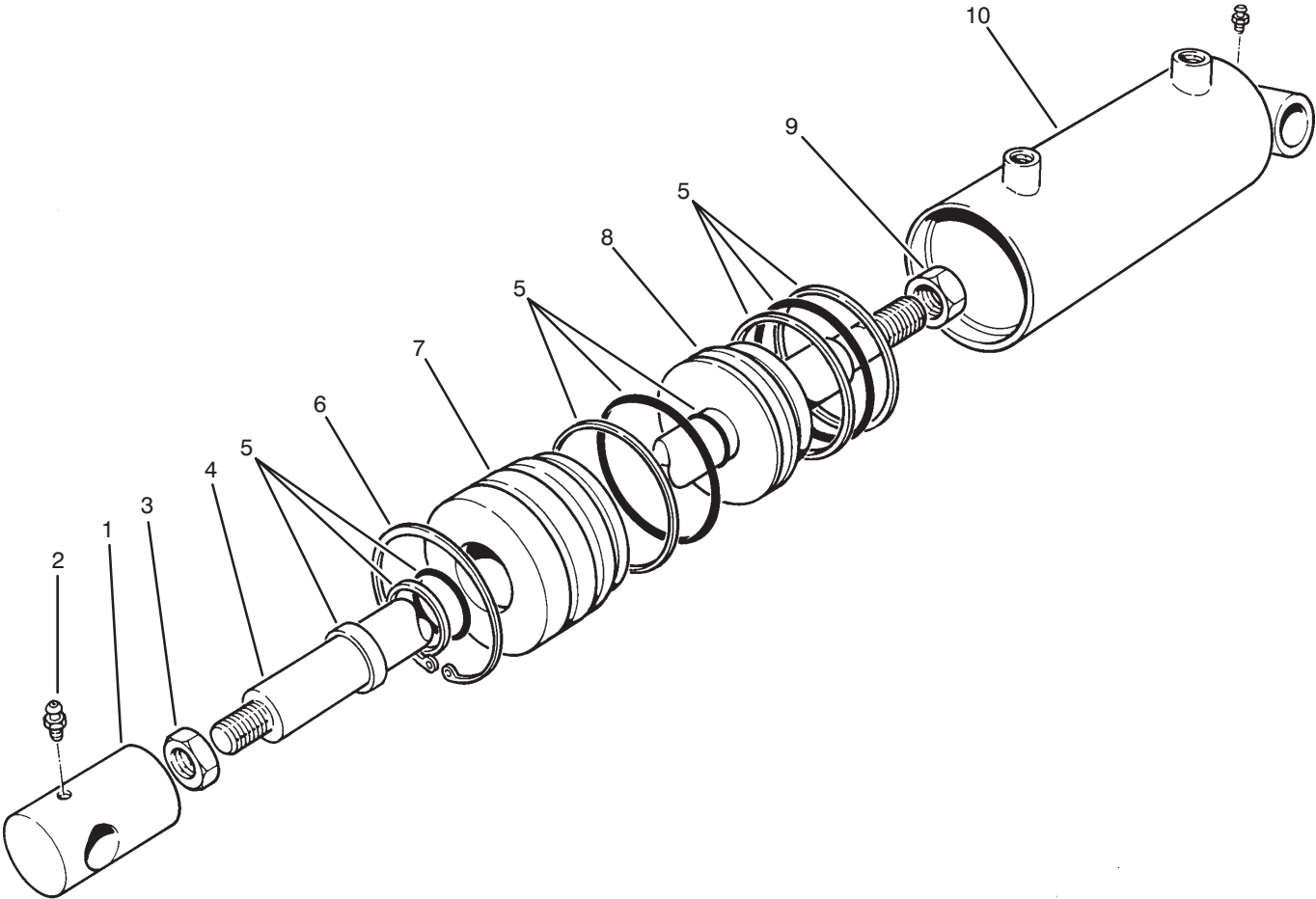


T-1162

HYDRAULIC PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	233-39	Knob - Handle	1	18	3253-4	Washer - Lock	1
2	80-3490	Handle	1	19	2412-105	Clamp - Tube	2
3	80-3360	Lever - Pivot	1	20	3296-29	Nut - Lock	1
4	321-14	Screw - Cap Hex. Hd.	3	21	353-984	Plug - Dust	1
5	237-78	Seal - O-Ring	4	22	237-42	Seal - O-Ring	2
6	340-92	Fitting - Hydraulic Straight (Incl. Ref. #5 & 7)	4	23	340-77	Fitting - Hydraulic 90° (Incl. Ref. #22 & 24)	2
7	237-21	Seal - O-Ring	4	24	237-22	Seal - O-Ring	2
8	77-5960	Hose Assembly (Incl. Ref. #11)	2	25	77-5980	Tube - Hydraulic	1
9	56-7982	Sleeve - Hose	1	26	3296-8	Nut - Lock	1
10	32151-83	Ring - Retaining	1	27	56-7973	Clamp	2
11	237-42	Seal - O-Ring	4	28	3256-22	Washer - Flat	2
12	63-1240	Nipple - Quick Disconnect	2	29	321-8	Screw - Cap Hex. Hd.	1
13	353-985	Plug - Dust	1	30	77-5990	Tube - Hydraulic	1
14	32151-79	Ring - Retaining	1	31	32128-33	Nut - Flange Lock	3
15	63-1220	Coupler - Quick Disconnect	2	32	43-1950	Control Valve Assembly	1
16	77-5970	Hose Assembly (Incl. Ref. #11)	2	33	3272-4	Pin - Cotter	1
17	322-4	Screw - Cap Hex. Hd.	2	34	283-17	Pin - Clevis	1
				35	32121-5	Pin - Roll	1
				*	80-4640	Decal - Valve Operation	1

*Not Illustrated

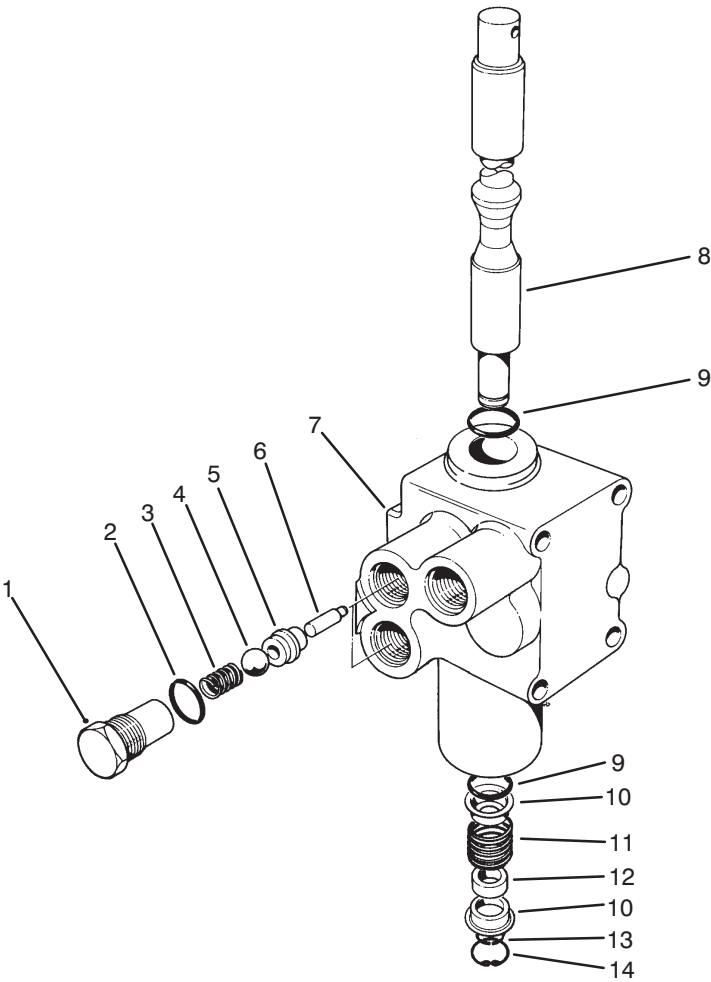


T-1161

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

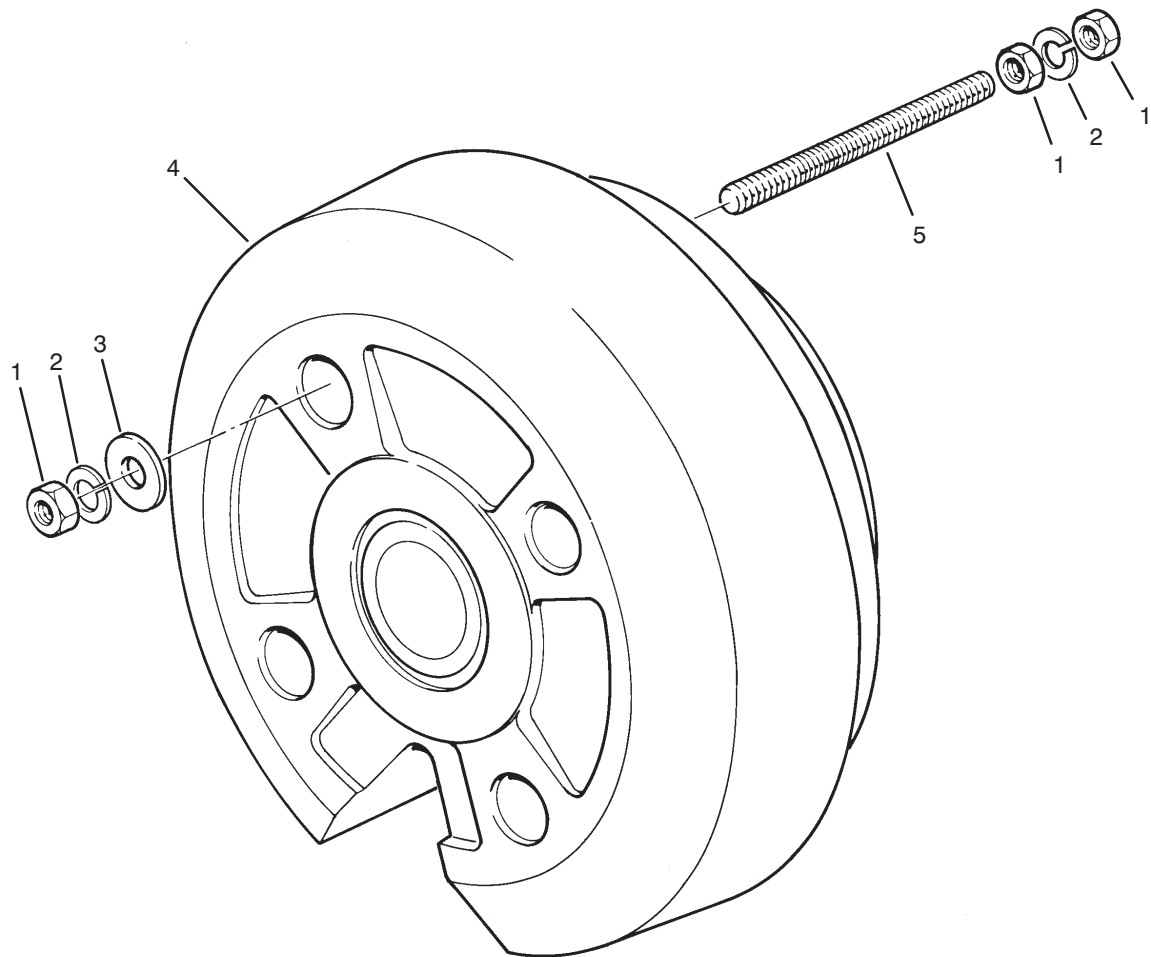
Ref. No.	Part No.	Description	No. Used
6	67-5470	Ring - Retaining	1
7	67-5460	Head	1
8	67-5450	Piston	1
9	60-9760	Nut - Hex.	1
10	77-6970	Barrel	1



T-0236

CONTROL VALVE ASSEMBLY NO. 43-1950

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2	8	22-8420	Spool	1
2	237-42	Seal - O-Ring	2	9	22-8500	Seal - O-Ring	2
3	22-8340	Spring - Compression	2	10	22-8380	Retainer - Spring	2
4	22-8350	Ball	2	11	22-8410	Spring - Compression	1
5	22-8370	Seat - Check Valve	2	12	23-3030	Spacer	1
6	22-8360	Pin - Cam	2	13	22-8480	Ring - Retaining	1
7		Body	1	14	22-8490	Ring - Retaining	1



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	Wheel Weight Assembly (Incl. Ref. #1-5)	1
5		Rod – Threaded	2