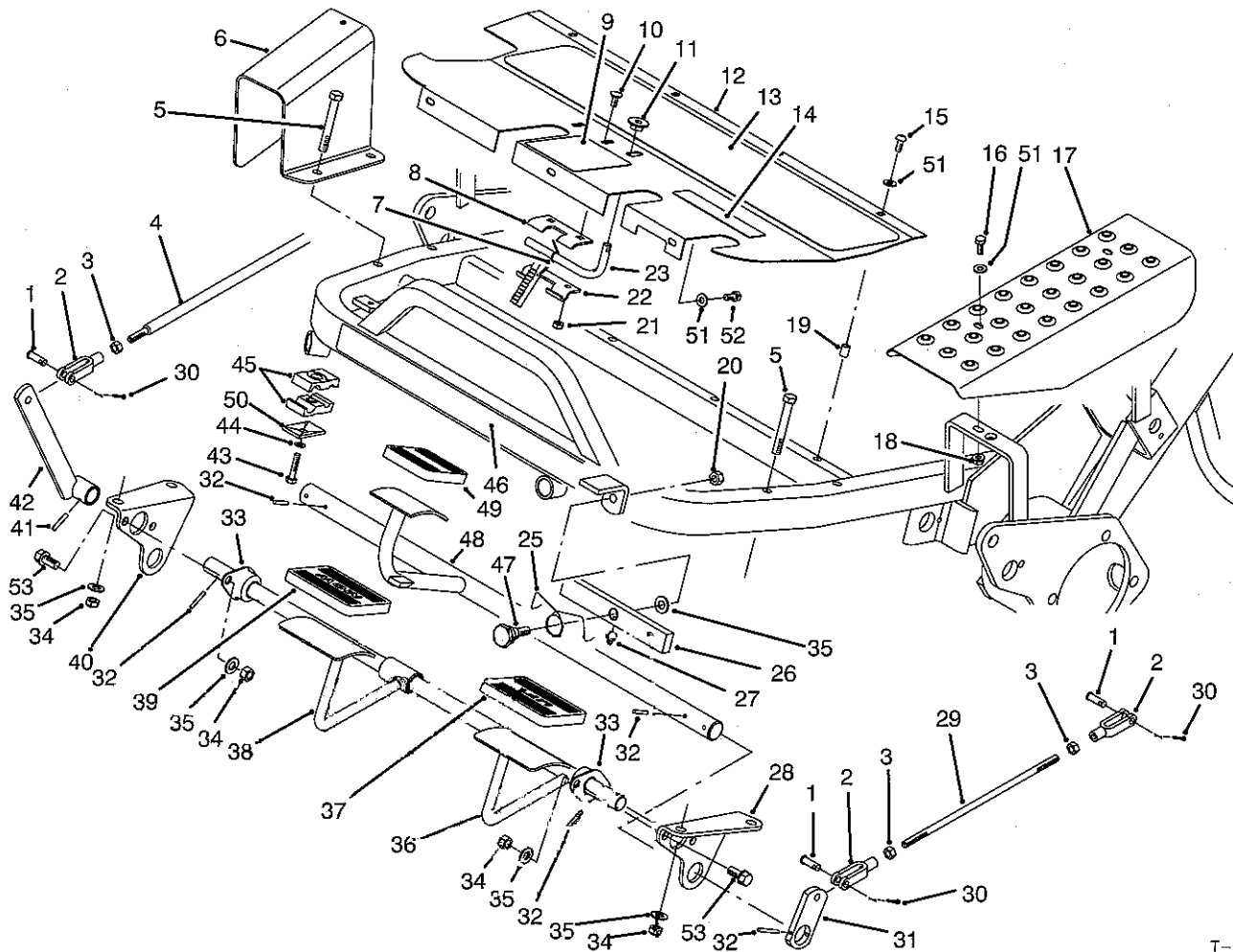


TORO®

MODEL NO. 04353-40001 & UP

**PARTS
CATALOG****GREENSMASTER® 3100
TRACTION UNIT**

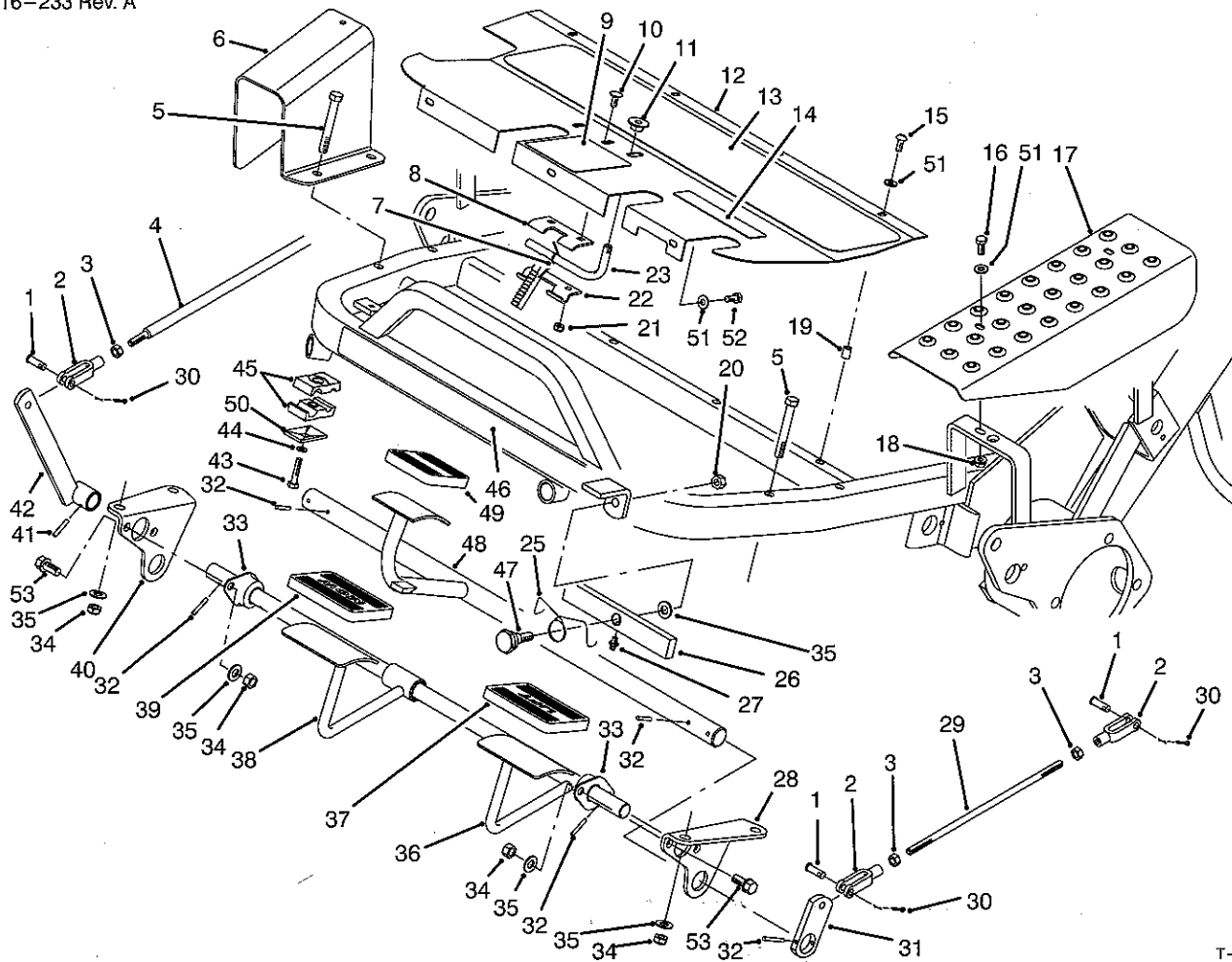
T-1285

CONTROL PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	283-61	Pin - Clevis	5	17	83-0200	Cover - L.H.	1
2	282-2	Clevis - Adjusting	5	18	32128-33	Nut - Flange Lock	2
3	3220-2	Nut - Jam	5	19	32148-6	Insert - Threaded	8
4	49-5430	Rod - Control	1	20	3296-39	Nut - Lock	1
5	323-13	Screw - Cap Hex. Hd.	4	21	3296-16	Nut - Lock	2
6	49-6110	Guard - Transfer Rod	1	22	10-7890	Hinge - Lower	1
7	10-8140	Spring - Torsion	1	23	10-7850	Latch - Parking Brake	1
8	10-7880	Hinge - Upper	1	25	83-0080	Spring - Torsion	1
†9	27-2830	Decal - Parking Brake	1	26	83-0060	Lift - Pivot	1
10	3229-22	Bolt - Carriage	2	27	302-5	Fitting - Grease	1
11	32141-111	Nut - Flange Lock	1	28	88-9640	Lift Pivot Bracket L.H.	1
12	83-0640	Plate - Footrest	1	29	27-2270	Rod - Brake Adjusting	2
13	49-6120	Pad - Footrest	1	30	3272-6	Pin - Cotter	5
†14	51-0050	Decal - Mow/Lift	1	31	10-8100	Strap - Brake Shaft	2
15	3274-31	Screw - Hex. Socket Hd.	4	32	32121-35	Pin - Roll	8
16	321-4	Screw - Hex. Flange Hd.	2	33	27-2320	Bearing - Flange	2

†For different language versions of this part, see International Decal Cross Reference page. © The TORO Company - 1994
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TPS



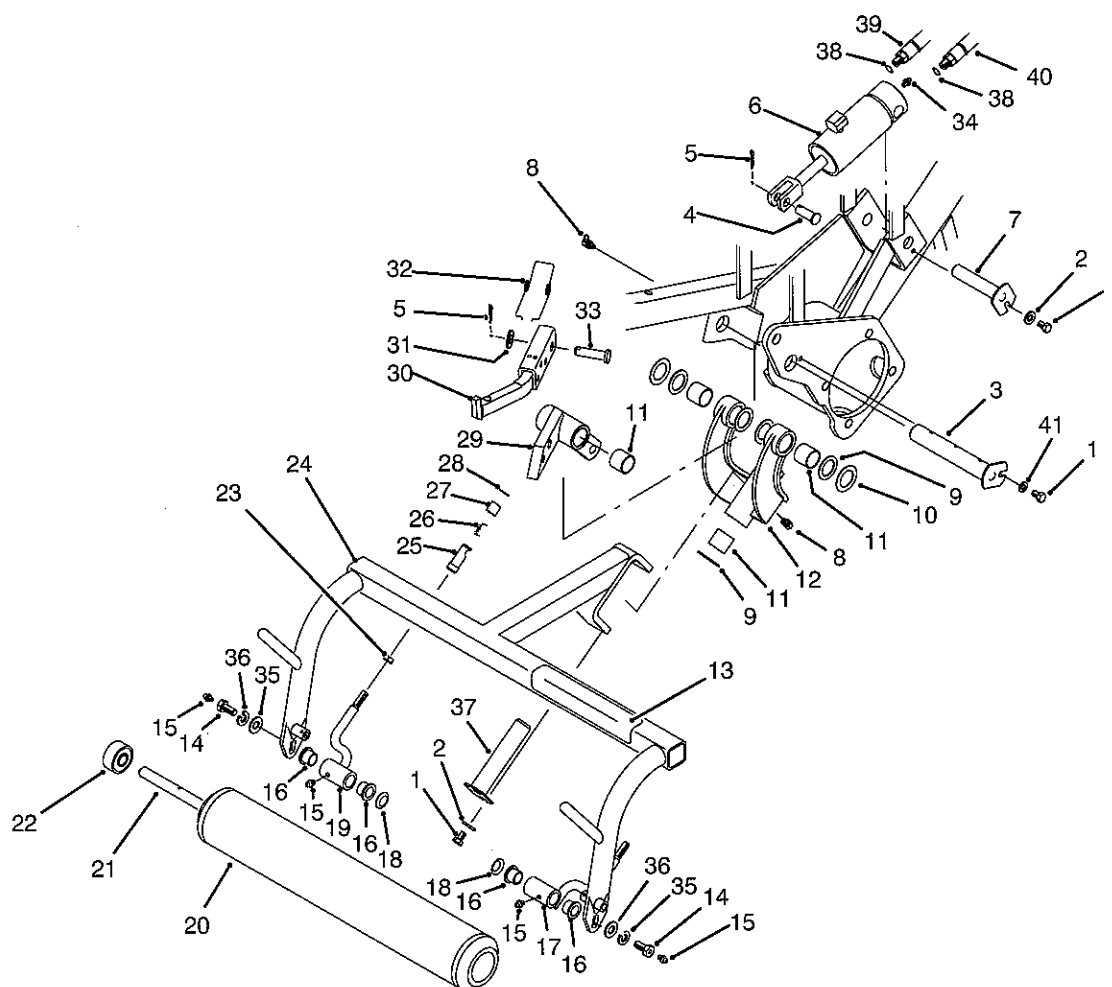
T-1285

CONTROL PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	3296-59	Nut - Lock	8
35	3256-24	Washer - Flat	9
36	88-9660	Shaft - Cutting Control	1
37	10-8240	Pad - Lift	1
38	83-0140	Pedal - Mow	1
39	10-8250	Pad - Mow	1
40	88-9630	Lift Pivot Bracket R.H.	1
41	32121-6	Pin - Roll	1
42	49-6200	Lever - Cutting Control	1
43	321-11	Screw - Cap Hex. Hd.	1
44	3253-3	Washer - Lock	1

Ref. No.	Part No.	Description	No. Used
45	56-7970	Clamp Half - Tube	2
46	88-9620	Decal - Greensmaster 3100	1
47	83-2590	Bolt - Shoulder	1
48	83-0160	Shaft - Brake	1
49	49-6170	Pad - Brake	1
50	69-9760	Plate - Cover	1
51	3256-1	Washer - Flat	10
52	321-3	Screw - Cap Hex. Hd.	3
53	3234-1	Screw - Cap Hex. Hd.	4
*	37-8130	Basket - Grass	3
*	65-8320	Bar - Gauge	1

*Not Illustrated

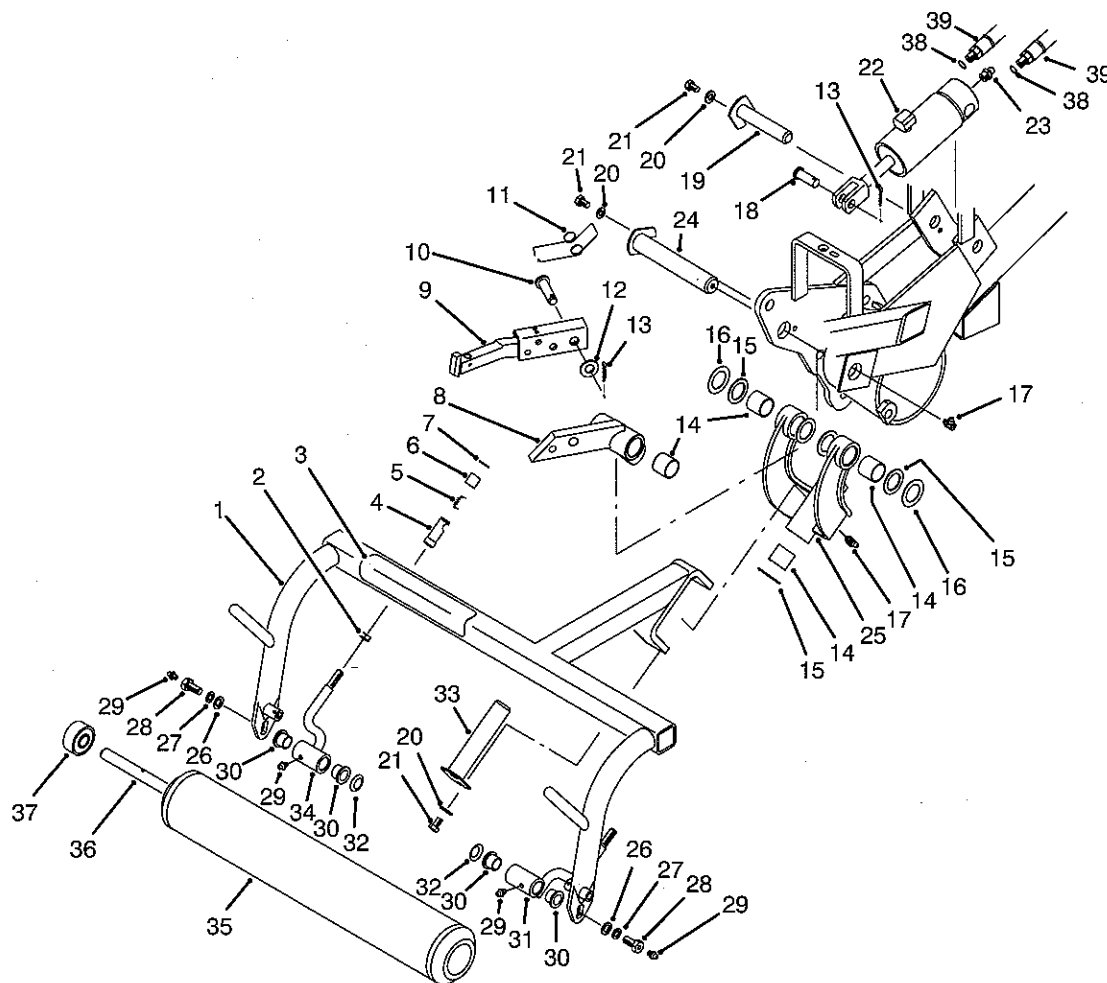


T-1283A

PULL FRAME ASSEMBLY L.H.

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-1	Screw - Cap Hex. Hd.	3	21	21-8470	Shaft - Roller	1
2	3256-23	Washer - Flat	2	22	251-141	Bearing - Ball	2
3	10-6110	Pin - Hinge	1	23	3220-3	Nut - Jam	2
4	283-8	Pin - Clevis	1	24	86-9810	Frame - Pull L.H.	1
5	3272-11	Pin - Cotter	2	25	8-7710	Ball Joint Receiver Assy. (Incl. Ref. #26-28)	2
6	83-2580	Cylinder - Lift	1	26		Spring - Compression	2
7	10-6060	Pin - Lift Cylinder	1	27		Sleeve	2
8	302-60	Fitting - Grease 90°	2	28		Ring - Retaining	2
9	10-8110	Washer - Thrust	6	29	62-2460	Lift Arm Assembly L.H. (Incl. Ref. #11)	1
10	5-1226	Washer - Shim	2	30	62-2390	Bar - Lift L.H.	1
11	3-0348	Bushing - Sleeve	6	31	3256-26	Washer - Flat	1
12	10-7820	Pivot Hinge Assembly (Incl. Ref. #11)	1	32	57-7650	Spring - Torsion	1
13	62-5070	Decal - Danger	1	33	63-8750	Pin - Pivot	1
14	11-0160	Roller Shaft Screw Assy. (Incl. Ref. #15)	2	34	302-2	Fitting - Grease Straight	1
15	302-5	Fitting - Grease Straight	4	35	3253-21	Washer - Lock	2
16	3-1506	Bushing - Flange	4	36	3256-24	Washer - Flat	2
17	92-0586	Pull Arm Assembly L.H. (Incl. Ref. #16)	1	37	10-6090	Pin - Pivot	1
18	3290-317	Washer - Wave	2	38	237-78	Seal - O-Ring	2
19	92-0585	Pull Arm Assembly R.H. (Incl. Ref. #16)	1	39	63-3850	Hose - Hydraulic (Incl. Ref. #38)	1
20	52-2720	Roller Assembly (Incl. Ref. #22)	1	40	83-1690	Hose - Hydraulic (Incl. Ref. #38)	1
				41	3253-4	Washer - Lock	1

‡For different language versions of this part, see International Decal Cross Reference.

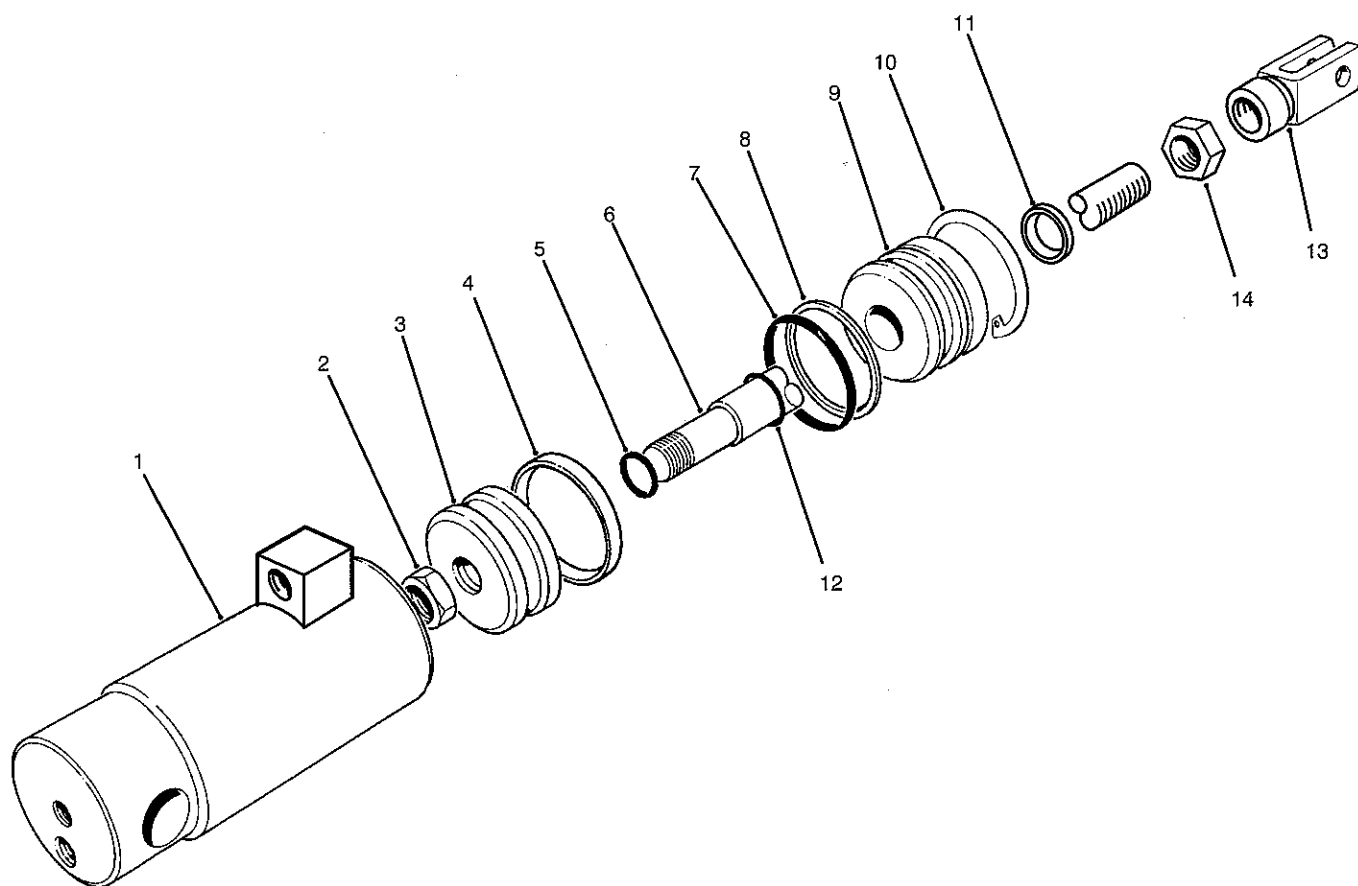


T-1284A

PULL FRAME ASSEMBLY R.H.

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-9820	Frame - Pull R.H.	1	23	302-2	Fitting - Grease	1
2	3220-3	Nut - Jam	2	24	10-6110	Pin - Pivot	1
‡3	62-5070	Decal - Danger	1	25	10-7820	Pivot Hinge Assembly (Incl. Ref. #14)	1
4	8-7710	Ball Joint Receiver Assy. (Incl. Ref. #5-7)	2	26	3256-24	Washer - Flat	2
5		Spring - Compression	2	27	3253-21	Washer - Lock	2
6		Sleeve	2	28	11-0160	Roller Shaft Screw Assy. (Incl. Ref. #29)	2
7		Ring - Retaining	2	29	302-5	Fitting - Grease	4
8	62-2440	Lift Arm Assembly (Incl. Ref. #14)	1	30	3-1506	Bushing - Flange	4
9	62-2420	Bar - Lift	1	31	92-0586	Pull Arm Assembly L.H. (Incl. Ref. #30)	1
10	63-8750	Pin - Pivot	1	32	3290-317	Washer - Wave	2
11	57-7650	Spring - Torsion	1	33	10-6090	Pin - Pivot	1
12	3256-26	Washer - Flat	1	34	92-0585	Pull Arm Assembly R.H. (Incl. Ref. #30)	1
13	3272-11	Pin - Cotter	2	35	52-2720	Roller Assembly (Incl. Ref. #37)	1
14	3-0348	Bushing - Sleeve	6	36	21-8470	Shaft - Roller	1
15	10-8110	Washer - Thrust	6	37	251-141	Bearing - Ball	2
16	5-1226	Washer - Shim	2	38	237-78	Seal - O-Ring	2
17	302-60	Fitting - Grease 90°	2	39	63-3880	Hose - Hydraulic (Incl. Ref. #38)	2
18	283-8	Pin - Clevis	1				
19	10-6060	Pin - Pivot	1				
20	3256-23	Washer - Flat	3				
21	322-1	Screw - Cap Hex. Hd.	3				
22	83-2580	Hydraulic Cylinder Assy.	1				

‡For different language versions of this part, see International Decal Cross Reference.



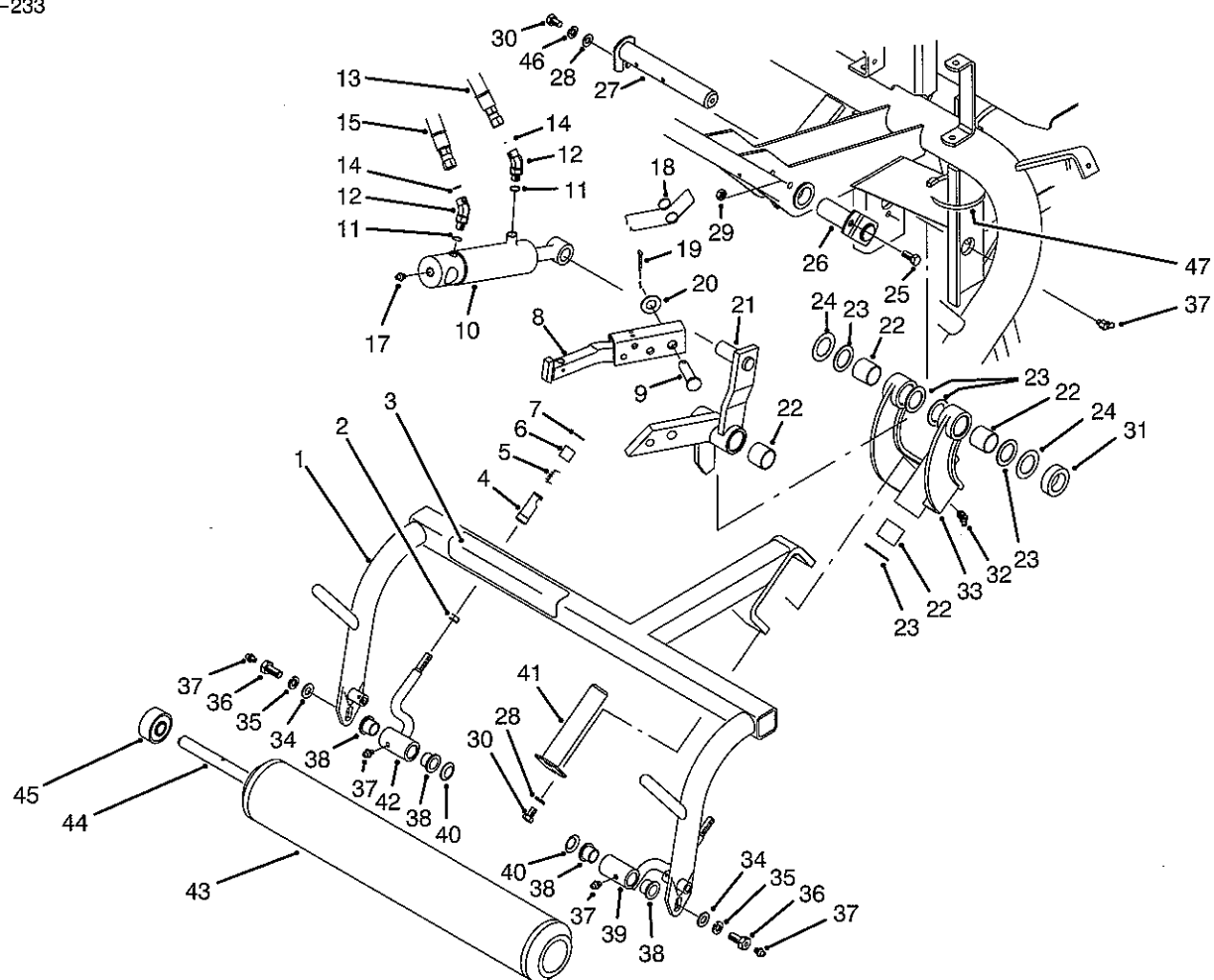
T-1246

HYDRAULIC CYLINDER ASSEMBLY NO. 83-2580

Ref. No.	Part No.	Description	No. Used
1		Barrel	1
2	32152-10	Nut - Lock	1
3	52-1990	Piston	1
4		Uniring	1
5		Seal - O-Ring	1
6	76-1860	Shaft	1
7		Seal - O-Ring	1
8		Washer - Back-Up	1
9	65-4860	Head	1

Ref. No.	Part No.	Description	No. Used
10	32120-8	Ring - Retaining	1
11		Seal - Dust	1
12		Seal - PDF	1
13	76-1850	Clevis	1
14	3220-6	Nut - Jam	1
*	86-5390	Seal Kit (Incl. Ref. #4, 5, 7, 8, 11 & 12)	1

*Not Illustrated

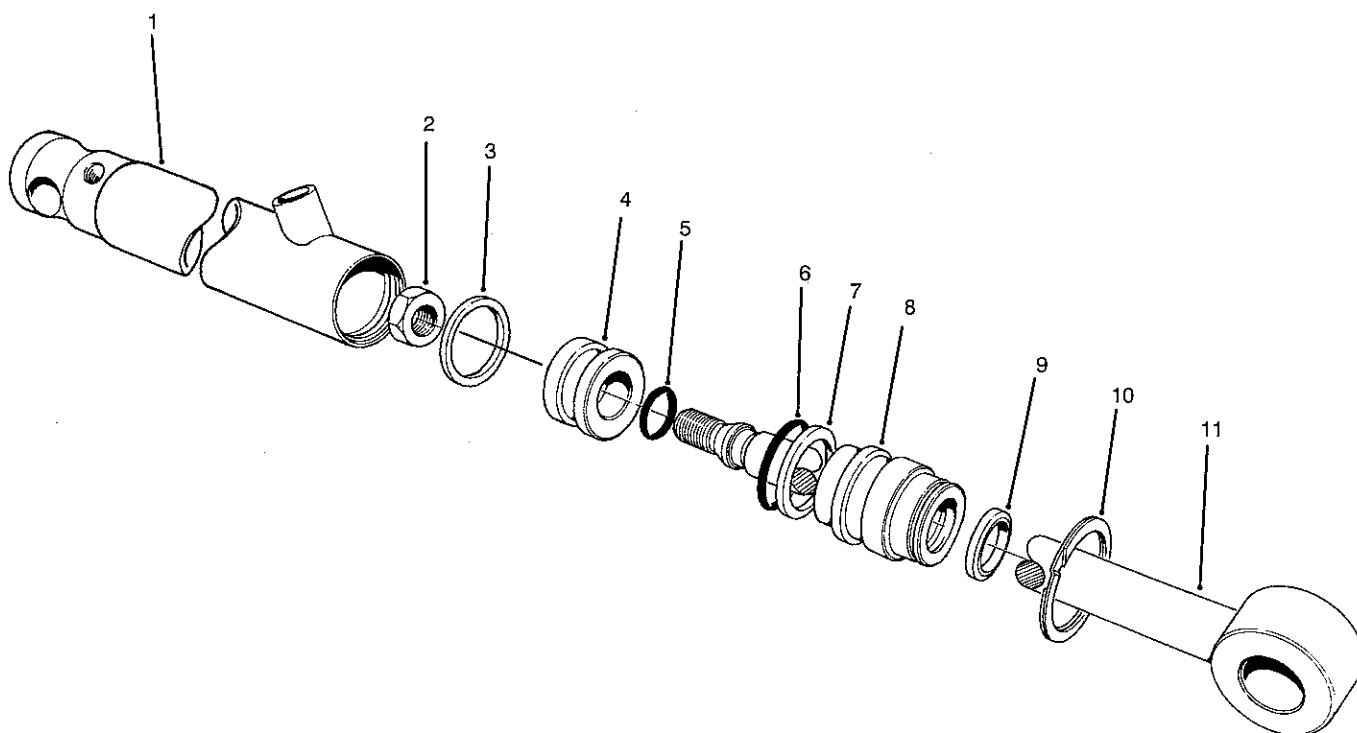


T-1286

PULL FRAME ASSEMBLY REAR

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-9820	Frame - Pull Rear	1	26	68-5560	Pin - Cylinder Pivot	1
2	3220-3	Nut - Jam	2	27	27-2550	Pin - Pivot	1
3	62-5070	Decal - Danger	1	28	3256-23	Washer - Flat	2
4	8-7710	Ball Joint Receiver Assy. (Incl. Ref. 5-7)	2	29	3296-29	Nut - Lock	1
5		Spring - Compression	2	30	322-1	Screw - Cap Hex. Hd.	2
6		Sleeve	2	31	27-2540	Spacer - Hub	1
7		Ring - Retaining	2	32	302-60	Fitting - Grease 90°	1
8	62-2420	Bar - Lift	1	33	10-7820	Pivot Hinge Assembly (Incl. Ref. #22)	1
9	63-8750	Pin - Pivot	1	34	3256-24	Washer - Flat	2
10	83-7230	Hydraulic Cylinder Assembly	1	35	3253-21	Washer - Lock	2
11	237-35	Seal - O-Ring	2	36	11-0160	Roller Shaft Screw Assy. (Incl. Ref. #37)	2
12	340-103	Fitting - Hydraulic 45° (Incl. Ref. #11 & 14)	2	37	302-5	Fitting - Grease Straight	5
13	83-1680	Hose - Hydraulic	1	38	3-1506	Bushing - Flange	4
14	237-78	Seal - O-Ring	2	39	92-0586	Pull Arm Assembly L.H. (Incl. Ref. #38)	1
15	88-9700	Hose - Hydraulic	1	40	3290-317	Washer - Wave	2
17	302-2	Fitting - Grease	1	41	10-6090	Pin - Pivot	1
18	57-7650	Spring - Torsion	1	42	92-0585	Pull Arm Assembly R.H. (Incl. Ref. #38)	1
19	3272-11	Pin - Cotter	1	43	52-2720	Roller Assembly (Incl. Ref. #45)	1
20	3256-26	Washer - Flat	1	44	21-8470	Shaft - Roller	1
21	68-5380	Lift Arm Assembly (Incl. Ref. #22)	1	45	251-141	Bearing - Ball	2
22	3-0348	Bushing - Sleeve	6	46	3253-4	Washer - Lock	1
23	10-8110	Washer - Thrust	6	47	3290-379	Tie - Cable	1
24	5-1226	Washer - Shim	2				
25	322-3	Screw - Cap Hex. Hd.	1				

‡For different language versions of this part, see International Decal Cross Reference.



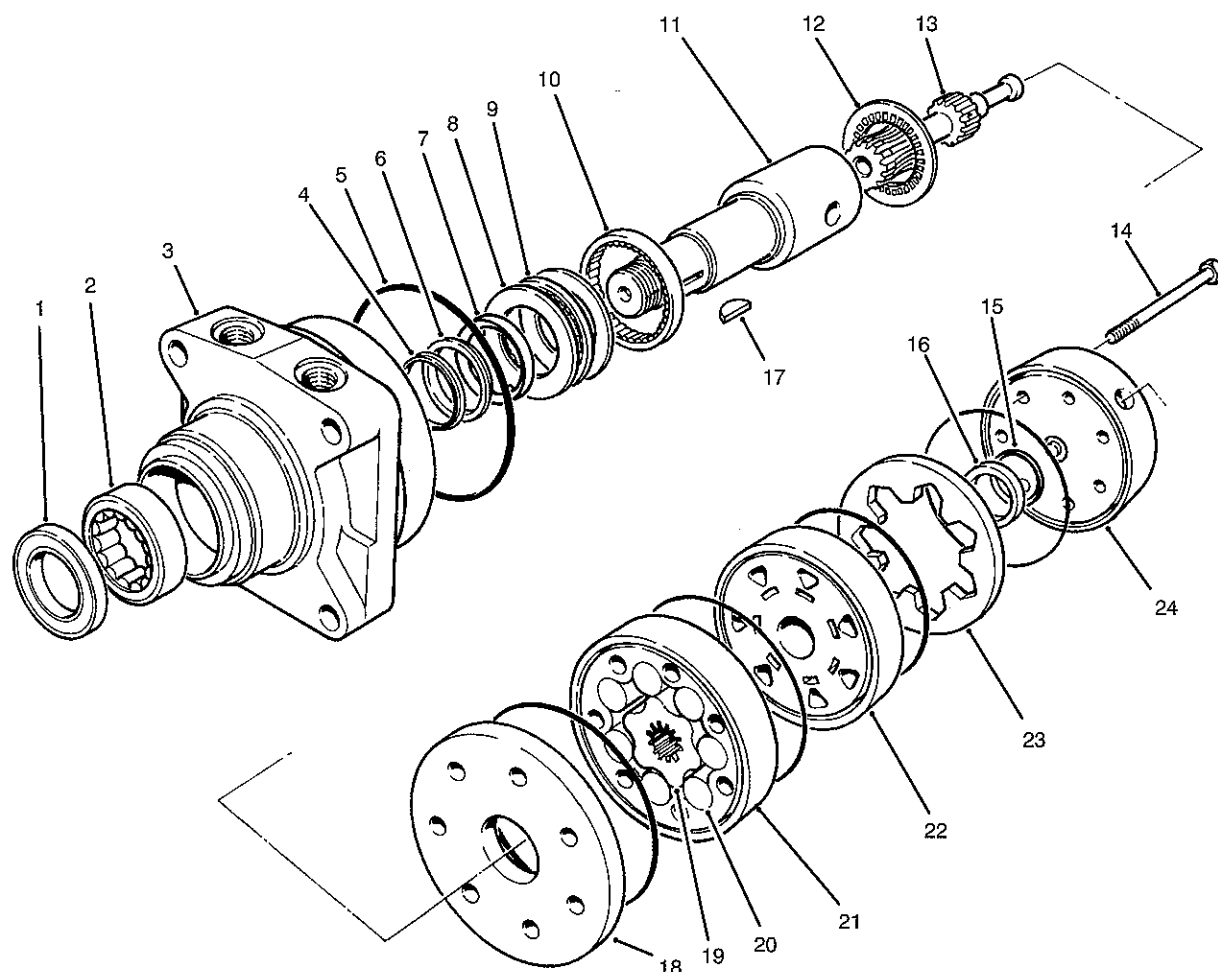
T-0640

HYDRAULIC CYLINDER NO. 83-7230

Ref. No.	Part No.	Description	No. Used
1	70-8130	Barrel	1
2	32152-10	Nut - Hex.	1
3		Uniring	1
4	70-2780	Piston	1
5		Seal - O-Ring	1
6		Seal - O-Ring	1
7		Washer - Back-Up	1

Ref. No.	Part No.	Description	No. Used
8	70-2770	Head	1
9		Seal - Dust	1
10	43-5220	Ring - Retaining	1
11	43-5230	Shaft & Clevis	1
*	86-5360	Repair Kit (Incl. Ref. #3, 5-7 & 9)	1

*Not Illustrated

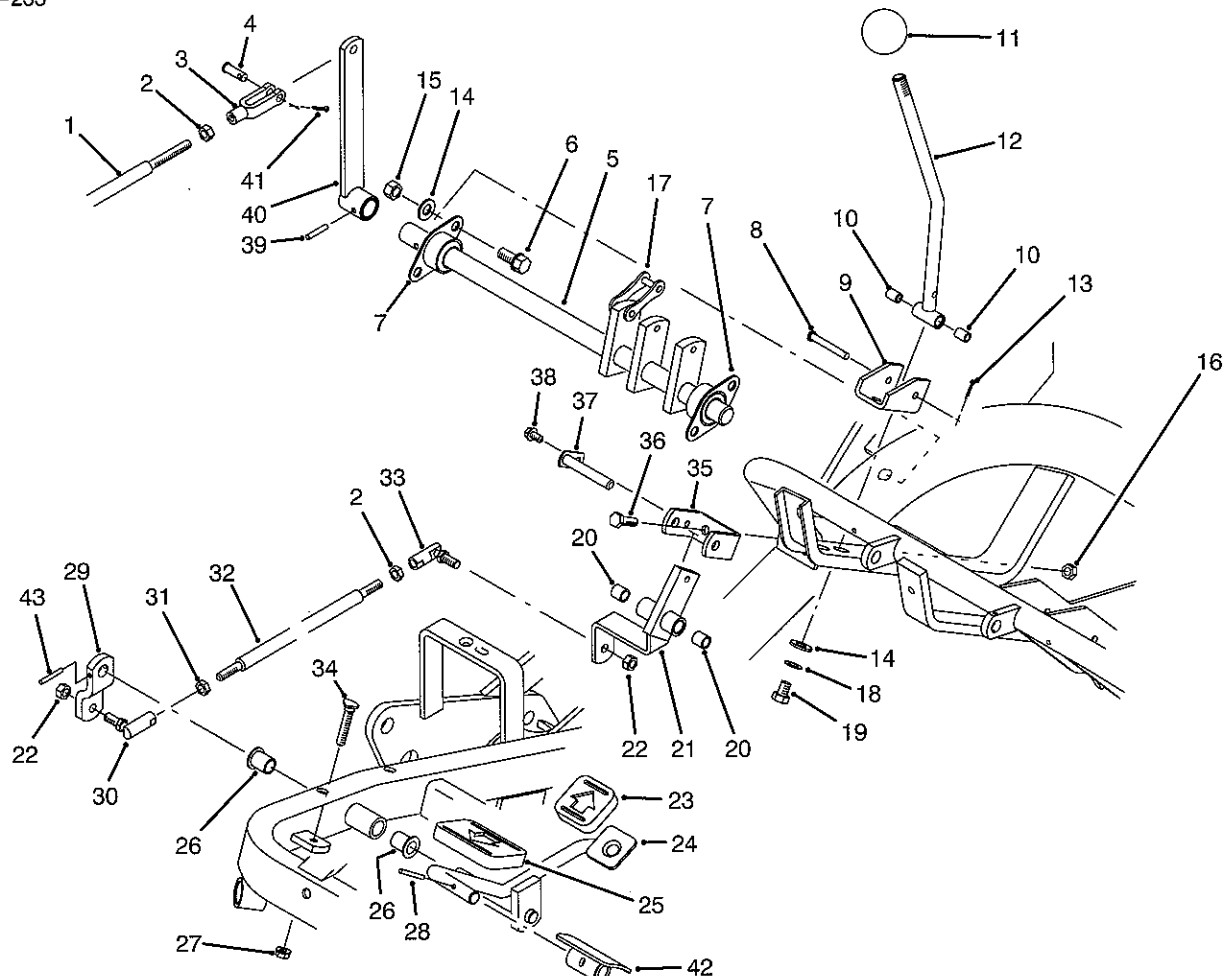


T-0983

HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 75-9990

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Seal - Dirt & Water	1	17	3257-42	Key - Woodruff	1
2		Bearing	1	18	76-0870	Plate - Wear	1
3		Housing	1	19		Rotor	1
4		Washer - Back-Up	1	20		Vane	7
5		Ring - Seal	5	21		Stator	1
6		Washer - Back-Up	1	22	76-0840	Manifold	1
7		Seal - Inner	1	23		Ring - Commutator	1
8		Washer - Thrust	2	24	76-0940	End Cover Assembly	1
9		Bearing - Thrust	1	*	76-0970	Rotor Set	1
10		Bearing	1			(Incl. Ref. #19-21)	
11	76-0860	Shaft - Coupling	1	*	76-0880	Commutator Assembly	1
12	76-0850	Bearing - Thrust	1			(Incl. Ref. #15, 16 & 23)	
13	76-0960	Link - Drive	7	*	76-0800	Seal Kit	1
14	76-1010	Screw - Cap Hex. Hd.	1			(Incl. Ref. #1, 4-7 & 15)	
15		Seal - Commutator	1	*	76-0810	Housing Assembly	1
16		Commutator	1			(Incl. Ref. #2, 3 & 8-10)	

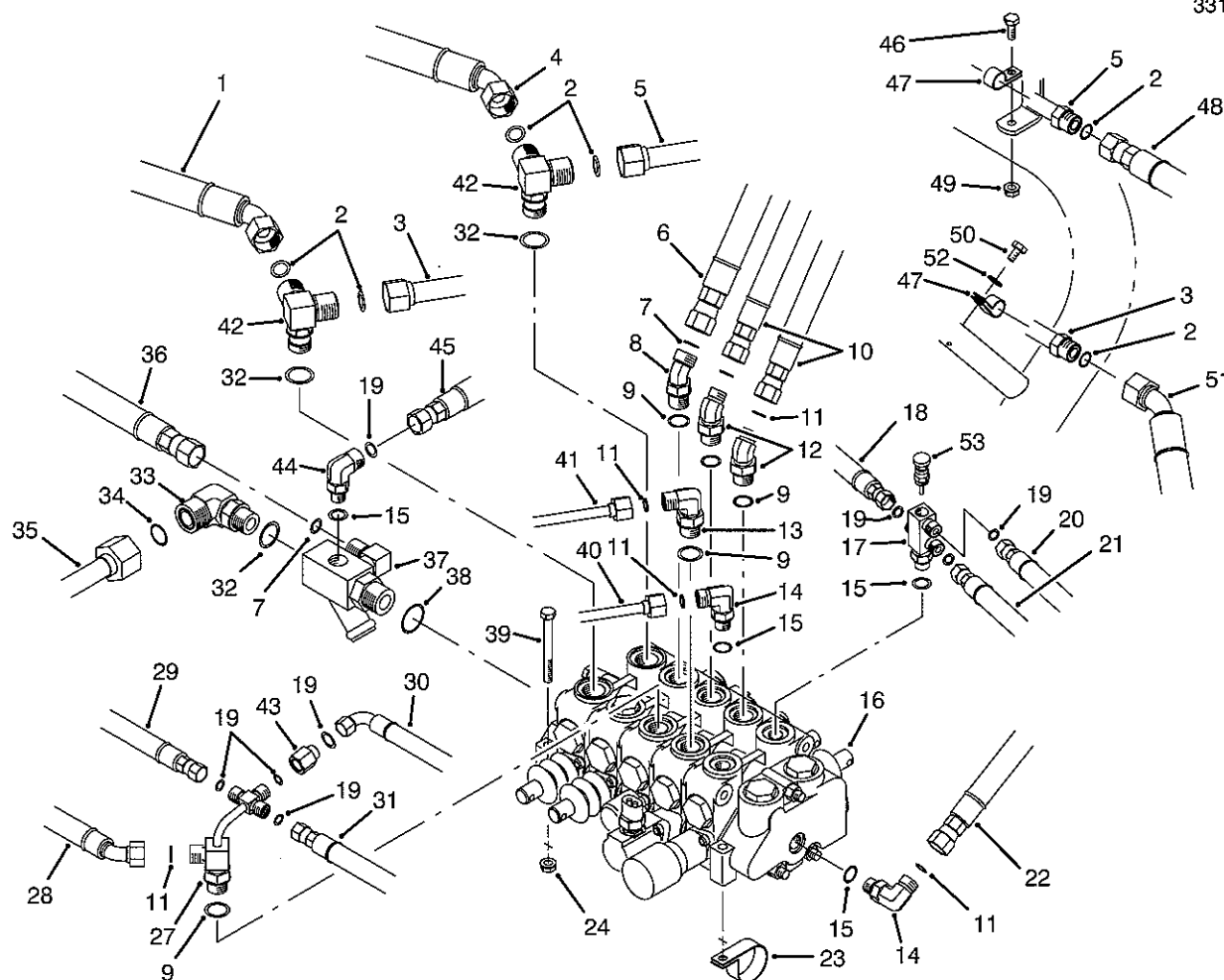
*Not Illustrated



T-1287

TRACTION CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	49-5430	Rod - Control	1	22	3296-4	Nut - Lock	2
2	3220-2	Nut - Jam	2	23	74-9110	Pad - Reverse Pedal	1
3	282-2	Clevis - Rod	1	24	83-0540	Pedal - Traction	1
4	283-61	Pin - Clevis	1	25	74-9100	Pad - Forward Pedal	1
5	44-0870	Shaft - Cam	1	26	256-155	Bushing - Flange	2
6	3234-1	Screw - Hex. Flange Hd.	4	27	32128-20	Nut - Flange Lock	1
7	27-2320	Bearing - Flange	2	28	32121-45	Pin - Roll	1
8	283-57	Pin - Clevis	1	29	83-0630	Arm - Traction Pivot	1
9	49-6220	Bracket - Control Arm	1	30	2411-42	Joint - Ball L.H. Thread	1
10	256-251	Bushing - Sleeve	2	31	3220-20	Nut - Jam L.H. Thread	1
11	233-48	Knob	1	32	83-0580	Rod - Traction Control	1
12	83-0590	Traction Handle Assembly (Incl. Ref. #10)	1	33	2411-43	Joint - Ball R.H. Thread	1
13	3272-4	Pin - Cotter	1	34	77-0480	Screw - Traction Stop	1
14	3256-24	Washer - Flat	6	35	49-6250	Bracket - Traction Pivot	1
15	3296-59	Nut - Lock	4	36	322-5	Screw - Cap Hex. Hd.	2
16	3296-29	Nut - Lock	2	37	49-6290	Shaft - Traction Pivot	1
17	57-6220	Link	5	38	12-3270	Screw - Hex. Washer Hd.	1
18	3254-6	Washer - I.T.L.W.	2	39	32121-6	Pin - Roll	1
19	3211-2	Screw - Cap Hex. Hd.	2	40	47-5320	Lever - Control	1
20	256-2	Bushing - Sleeve	2	41	3272-6	Pin - Cotter	1
21	49-6260	Assy. - Pivot, Traction (Incl. Ref. #20)	1	42	49-6440	Pedal - Forward	1
				43	32121-51	Pin - Roll	1

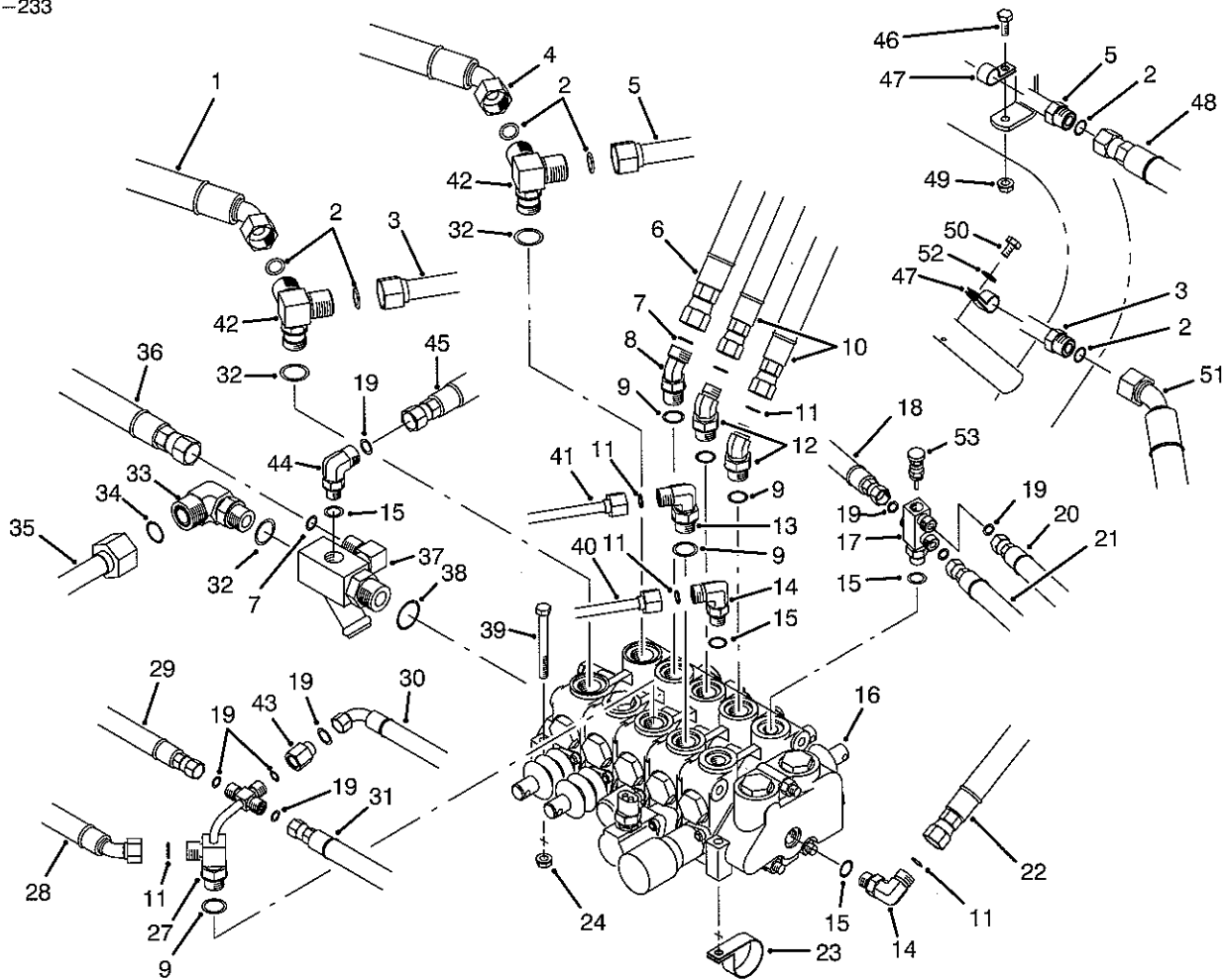


T-1294

CONTROL VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83-2450	Hose - Hydraulic	1
2	237-65	Seal - O-Ring	6
3	70-7130	Tube Assy. (Incl. Ref. #2)	1
4	83-2460	Hose - Hydraulic	1
5	83-1200	Tube Assy. (Incl. Ref. #2)	1
6	83-1180	Hose - Hydraulic	1
7	237-30	Seal - O-Ring	2
8	340-101	Fitting - Hydraulic 45° (Incl. Ref. #7 & 9)	1
9	237-79	Seal - O-Ring	4
10	83-1190	Hose - Hydraulic	2
11	237-22	Seal - O-Ring	6
12	340-138	Fitting - Hydraulic 45° (Incl. Ref. #9 & 11)	2
13	340-18	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11)	1
14	340-77	Fitting - Hydraulic 90° (Incl. Ref. #11 & 15)	2
15	237-42	Seal - O-Ring	4
16	84-2202	Control Valve Assembly	1
17	92-0587	Fitting - Valve Body (Incl. Ref. #15 & 19)	1
18	63-3880	Hose - Hydraulic	1
19	237-21	Seal - O-Ring	6
20	88-9700	Hose - Hydraulic	1
21	83-1690	Hose - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
22	83-1170	Hose - Hydraulic	1
23	304-61	Clamp - R	1
24	32128-20	Nut - Flange Lock	3
27	83-1670	Fitting - Special (Incl. Ref. #9, 11 & 19)	1
28	74-3830	Hose - Hydraulic	1
29	63-3880	Hose - Hydraulic	1
30	83-1680	Hose - Hydraulic	1
31	63-3850	Hose - Hydraulic	1
32	237-80	Seal - O-Ring	3
33	340-16	Fitting - Hydraulic 90° (Incl. Ref. #32 & 34)	1
34	237-58	Seal - O-Ring	1
35	63-4040	Tube - Hydraulic	1
36	63-3840	Hose - Hydraulic	1
37	68-5260	Fitting - Manifold Tee (Incl. Ref. #7 & 38)	1
38	237-81	Seal - O-Ring	1
39	322-14	Screw - Cap Hex. Hd.	3
40	63-4020	Tube - Hydraulic	1
41	63-4030	Tube - Hydraulic	1
42	63-4050	Fitting - Tee (Incl. Ref. #2 & 32)	2
43	71-0990	Orifice (Incl. Ref. #19)	1
44	340-137	Fitting - Hydraulic 45° (Incl. Ref. #15 & 19)	1

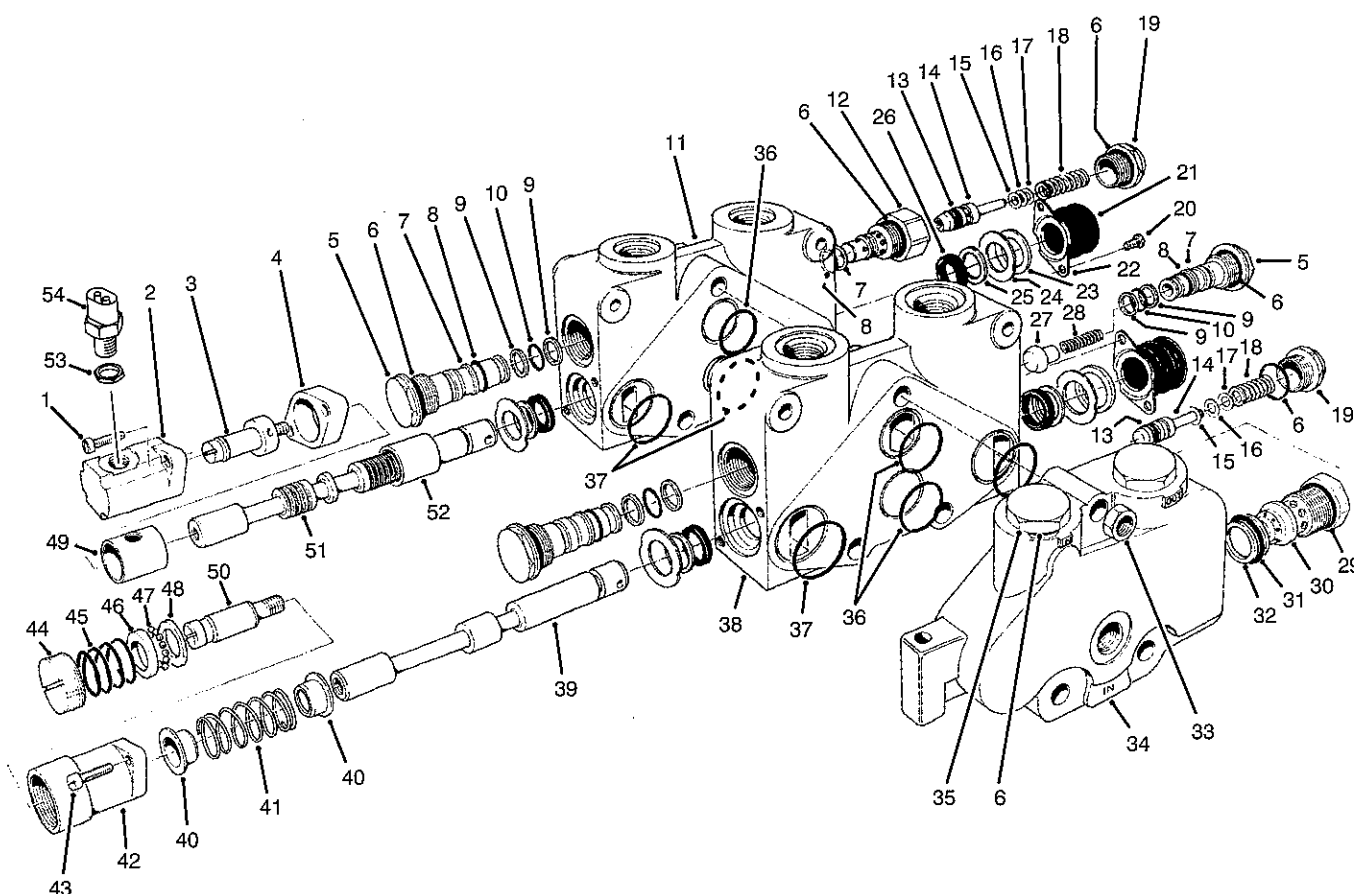


T-1294

CONTROL VALVE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
45	83-1350	Hose - Hydraulic	1	51	70-8610	Hose - Hydraulic	1
46	3234-4	Screw - Cap Hex. Hd.	1	52	3256-22	Washer - Flat	1
47	2412-41	Clamp - R	2	53	92-0588	Valve - Needle	1
48	70-7150	Hose - Hydraulic	1	*	88-9500	Needle Valve Assembly (Incl. Ref. #15, 17, 19 & 53)	1
49	3296-16	Nut - Lock	1				
50	12-3270	Screw - Thread Forming	1				

*Not Illustrated

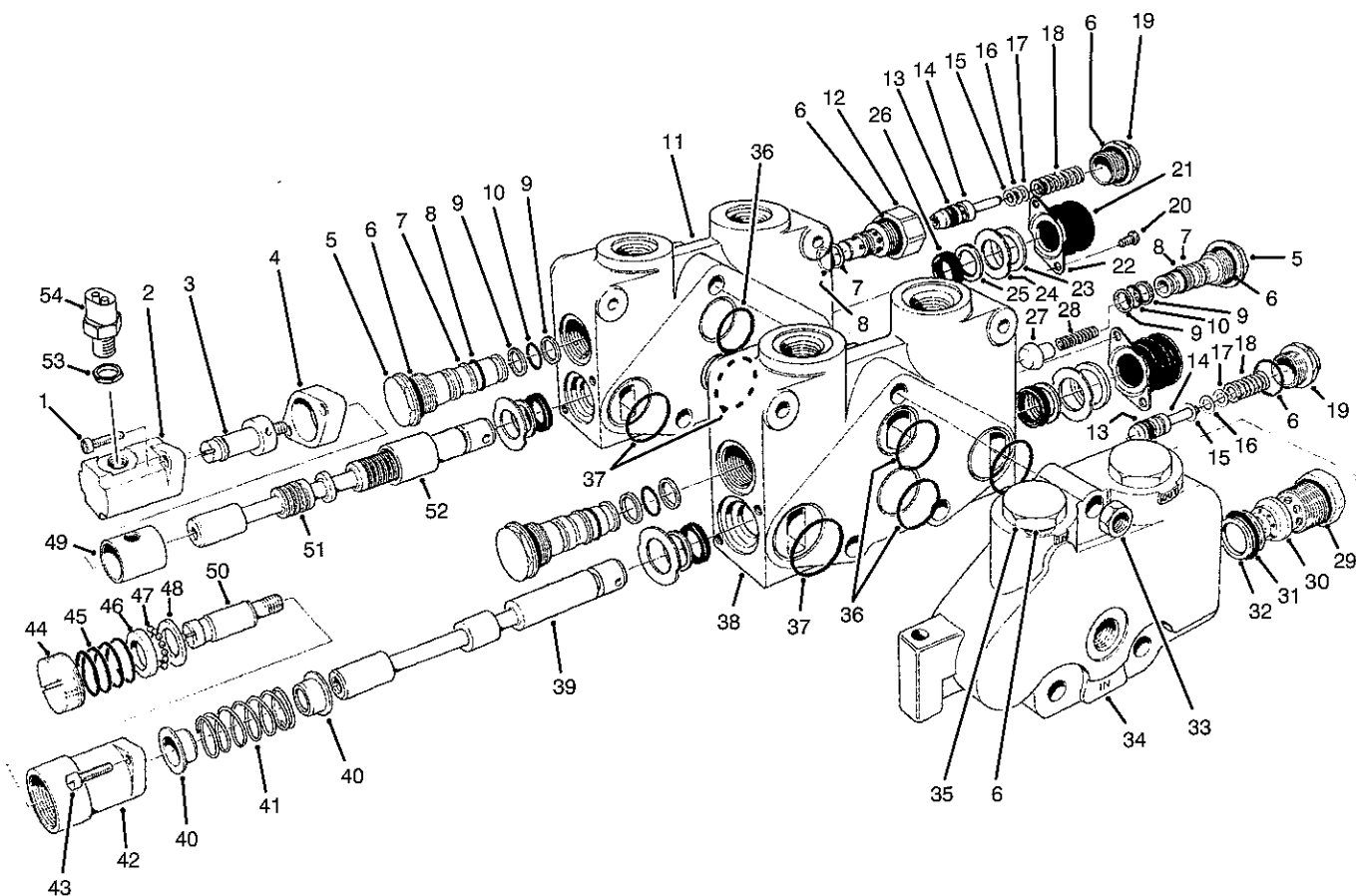


T-1318

CONTROL VALVE ASSY. NO. 84-2202 (Sections 1 & 2)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3274-70	Screw - Hex, Socket Hd.	2	24	92-2547	Plate - Seal Retainer	4
2	353-727	Bonnet	1	25	92-2546	Wiper - Seal	4
3	353-729	Spud - Detent	1	26	353-957	Seal - Lip	4
4	353-733	Spacer - Bonnet	1	27	353-301	Poppet	1
5	353-481	Plug - Load Check (Incl. Ref. #6-10)	3	28	353-304	Spring	1
6	237-54	O-Ring	8	29	353-331	O-Ring	1
7	353-306	Ring - Backup	4	30	353-760	Body Relief	1
8	353-305	O-Ring	4	31	353-758	Seal - O-Ring	1
9	353-303	Ring - Backup	6	32	353-952	Ring - Backup	1
10	353-302	O-Ring	3	33	3217-7	Nut - Hex	3
11		Housing V20T	1	34	353-772	Left End Cover	1
12	353-851	Body - Relief CP-RC Mod.	1	35	353-721	Plug	2
13	353-392	Seal - Relief Poppet PTFE	2	†36		O-Ring	3
14	353-531	Poppet Assy. (Incl. Ref. #13)	2	†37		O-Ring	4
15	353-328	Washer - Shim	A/R	†38		Housing Section #1	1
16	353-329	Washer - Shim	A/R	†39		Spool V20 SPL	1
17	353-330	Washer - Shim	A/R	40	353-417	Collar Spring	2
18	353-855	Spring	2	41	92-3058	Spring - Centering	1
19	353-334	Cap - Relief	2	42	353-780	Bonnet - R. Detent	1
20	3274-52	Screw - Hex, Socket Hd.	4	43	3274-15	Screw - Fillister Hd.	2
21	353-575	Boot - Dust Cap	2	44	353-763	Cap - Adjustment	1
22	353-559	Retainer - Boot	2	45	353-579	Spring	1
23	353-560	Washer - Breather	2	46	42-2680	Race R. Detent	1
				47	52-5880	Ball - Steel	12

†Parts Available as Assemblies Listed as (*Not Illustrated) on Following Page



T-1318

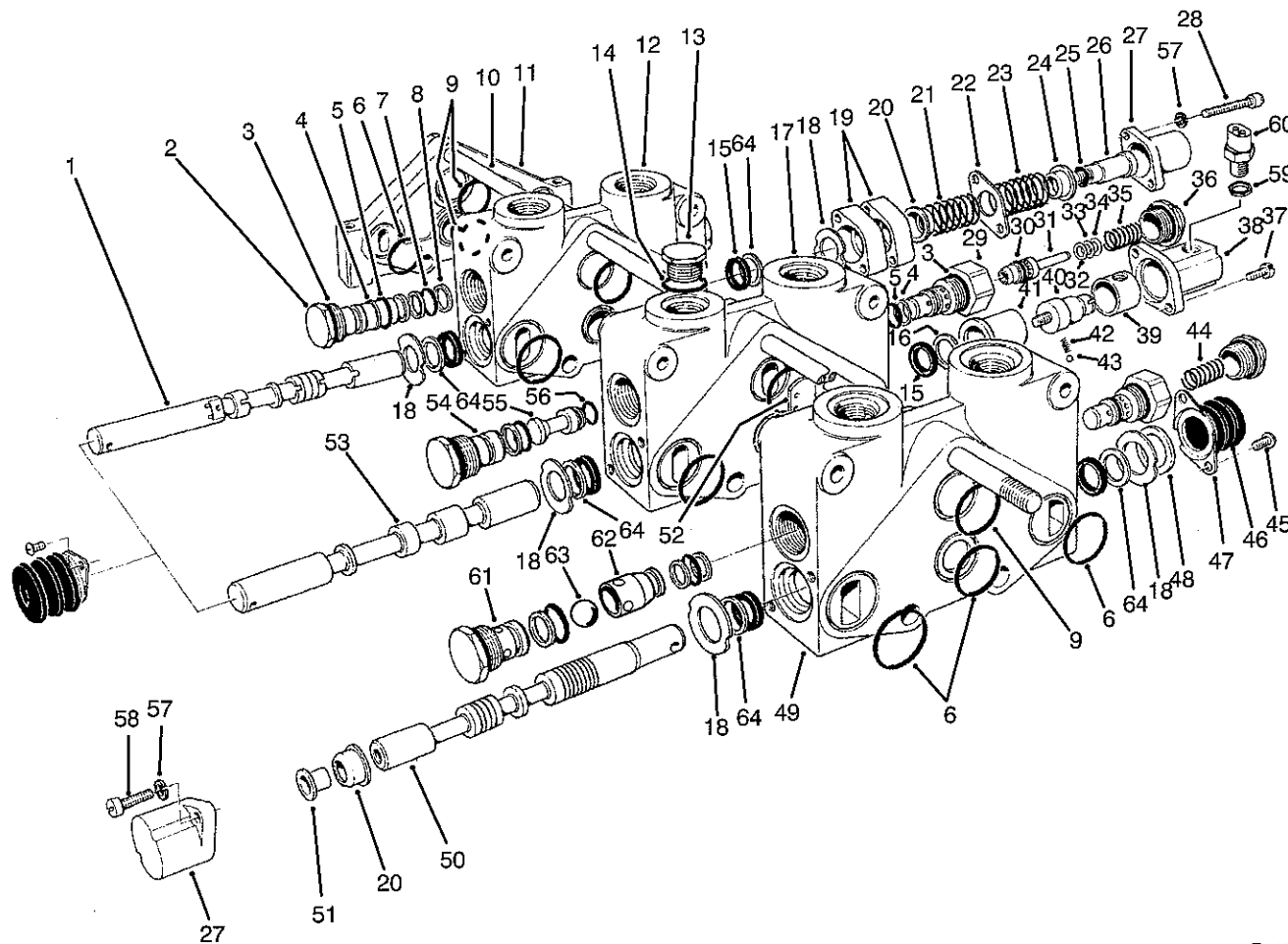
CONTROL VALVE ASSEMBLY NO. 84-2202 (Sections 1 And 2) (Continued)

Ref. No.	Part No.	Description	No. Used
48	354-29	Plate - Thrust	1
49	353-728	Sleeve	1
50	353-780	Spud - Detent Out (Incl. Ref. #44)	1
†51		Spool V20 3 Way F.F.	1
52	353-732	Sleeve - Detent	1
53	38-0410	Nut - Hex.	1
54	83-1890	Switch - Ball	1
*	353-766	Relief WH (2000) PSI Assy. (Incl. Ref. #6,13-19 & 29-32)	1
*	353-768	Section #1 Complete	1
*	353-837	Section #2 Complete	1
*	353-780	Positioner - R. Detent (Out) (Incl. Ref. #3 & 40-49)	1

Ref. No.	Part No.	Description	No. Used
*	353-839	Positioner - DI (SPL) Assy. (Incl. Ref. #1, 3-5, 50 & 52)	1
*	353-642	Relief - RC Mod. (Incl. Ref. #6-8 & 12-19)	2
*	353-854	Boot - Spool Assembly (Incl. Ref. #20-23)	2
*	353-835	Seals - Section Set (Incl. Ref. #36 & 37)	1
*	92-2548	Seals - Spool (Single End Set) (Incl. Ref. #24-26)	1
*	92-2545	Seals - Spool (Entire Valve Set)	1

*Not Illustrated

†Parts Available as Assemblies Listed as (*Not Illustrated) on This Page



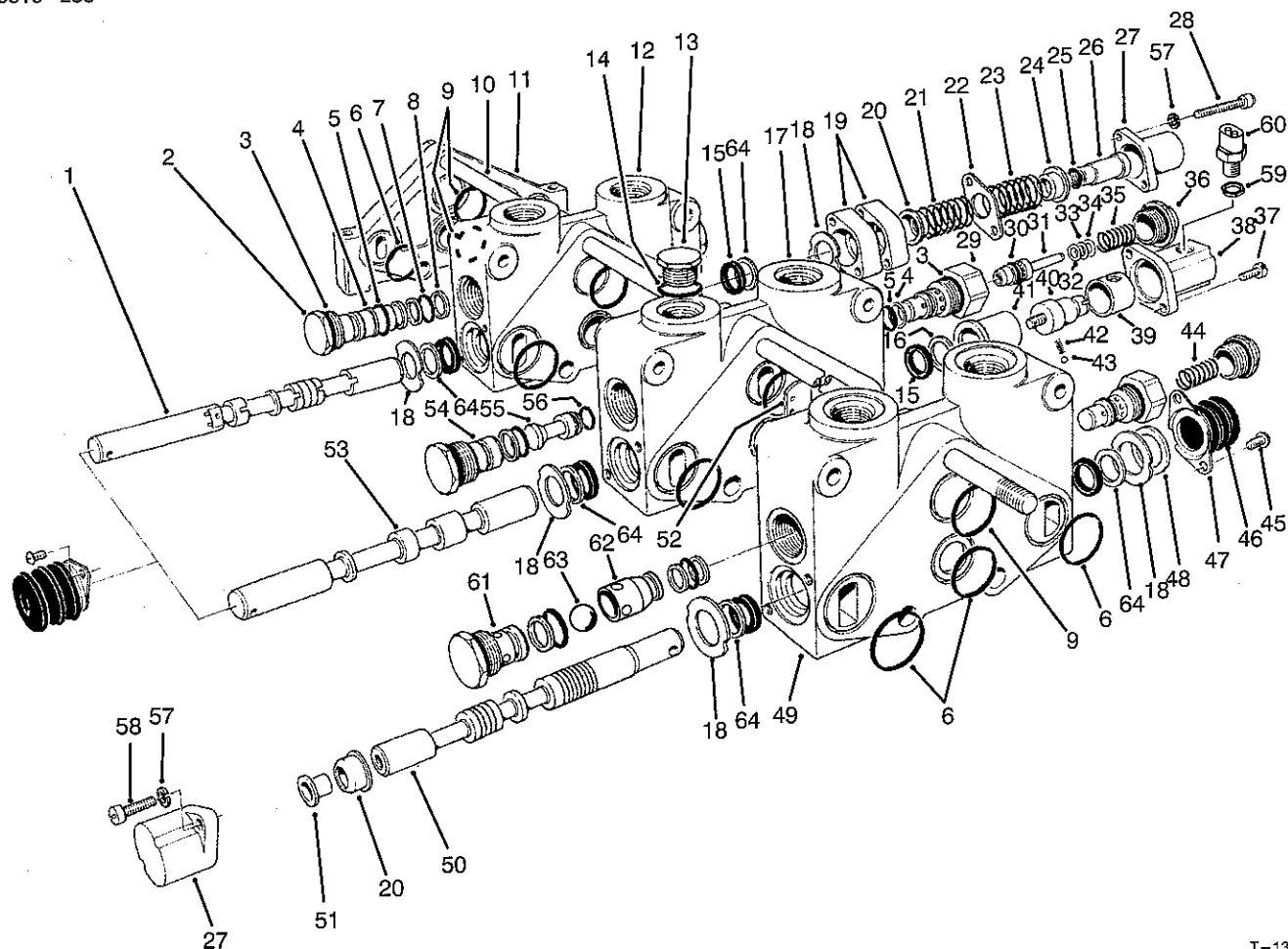
T-1319

CONTROL VALVE ASSY. NO. 84-2202 (Sections 3 Thru 5)

Ref. No.	Part No.	Description	No. Used
†1		Spool #5	1
2	353-481	Plug - Load Check (Incl. Ref. #3-5 & 7-8)	3
3	237-54	O-Ring	6
4	353-306	Ring - Backup	5
5	353-305	O-Ring	5
†6		O-Ring	11
7	353-302	O-Ring	3
8	353-303	Ring - Backup	6
†9		O-Ring	5
10	353-853	Bolt - Hex Hd.	3
11	353-668	Plate - Cap, Cover RH	1
12		Housing V20 #5	1
13	353-550	Plug Assembly (Incl. Ref. #14)	1
14	353-848	O-Ring	1
15	353-957	Seal - Lip	6
16	353-958	Ring - Backup	1
†17		Housing V20 #4	1
18	92-2547	Plate - Seal Retainer	5
19	353-733	Spacer - Bonnet	2
20	353-417	Collar Spring	2
21	353-831	Spring	1
22	353-529	Plate Seal	1
23	353-530	Spring	1

Ref. No.	Part No.	Description	No. Used
24	353-808	Collar - Spring	1
25	353-830	O-Ring	1
26	353-829	Collar Spool	1
27	354-26	Bonnet	2
28	354-28	Screw - Hex, Socket Hd.	2
29	353-851	Body - Relief CP-RC Mod.	2
30	353-392	Seal - Relief Poppet PTFE	2
31	353-531	Poppet Assembly (Incl. Ref. #30)	2
32	353-328	Washer - Shim	A/R
33	353-329	Washer - Shim	A/R
34	353-330	Washer - Shim	A/R
35	353-398	Spring	1
36	353-334	Cap - Relief	2
37	52-5900	Screw - Fillister Hd.	4
38	353-847	Bonnet (SPL)	1
39	353-849	Sleeve	1
40	353-846	Spud - DI (SPL)	1
41	353-845	Sleeve - Detent	1
42	353-730	Spring	1
43	353-731	Ball	1
44	353-855	Spring	1
45	3274-52	Screw - Hex. Socket Hd.	6
46	353-575	Boot - Dust Cap	3
47	353-559	Retainer - Boot	3

†Parts Available as Assemblies Listed as (*Not Illustrated) on Following Page



T-1319

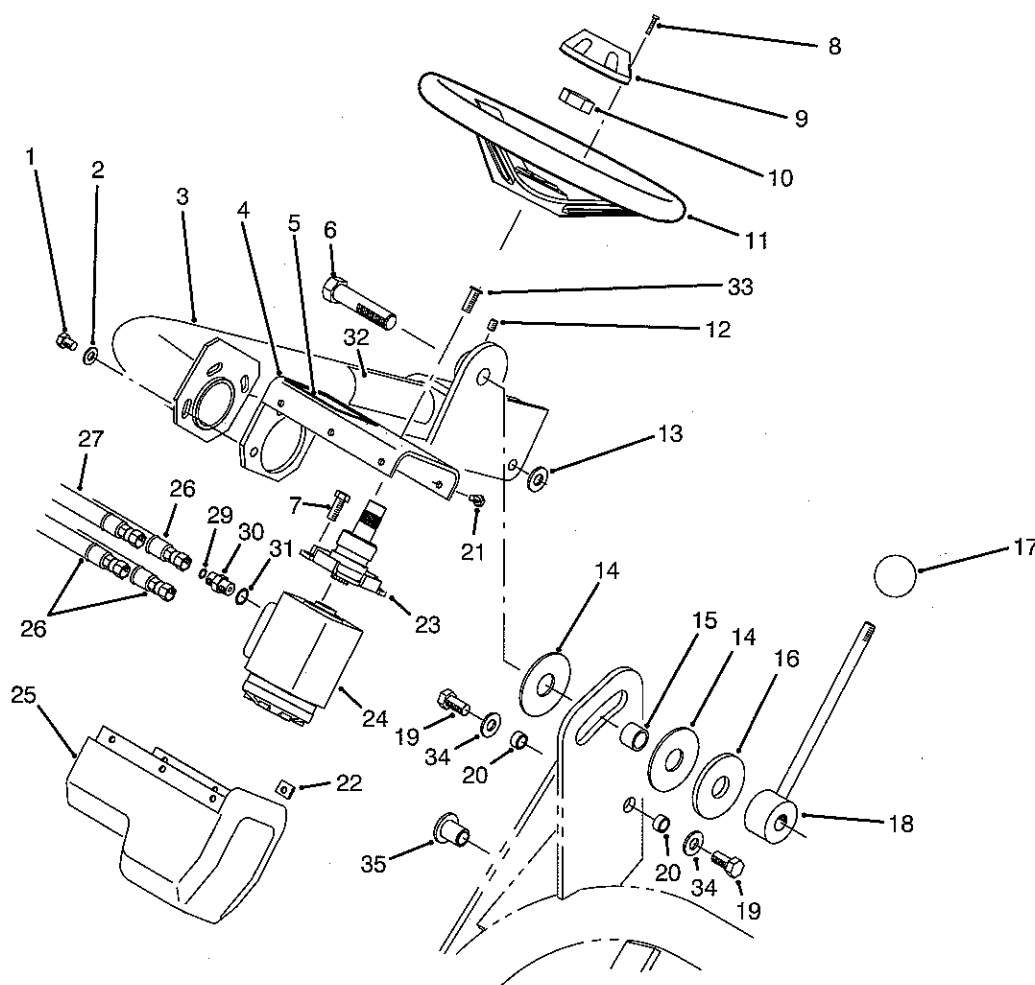
CONTROL VALVE ASSEMBLY NO. 84-2202 (Sections 3 Thru 5) (Continued)

Ref. No.	Part No.	Description	No. Used
†48	353-560	Washer - Breather	3
49		Housing V20 #2	1
†50		Spool V20 3 Way F.F.	1
51	52-5860	Collar - Spool	1
52	354-122	Disc - Seal	1
†53		Spool #4	1
54	353-953	Plug Assembly	1
55	353-844	Plus Series (Incl. Ref. #56)	1
56	353-850	O-Ring	1
57	3253-3	Washer - Lock	4
58	3274-84	Screw - Cap, Hex. Hd.	4
59	38-0410	Nut - Hex.	1
60	83-1890	Switch - Ball	1
61	353-483	Body - Anticavitation	1
62	353-484	Retainer - Ball	1
63	353-737	Ball	1
64	92-2546	Wiper - Seal	5
*	354-129	Anticavitation Check Assy. (Incl. Ref. #3, 4, 5, 7, 8 & 61-63)	1
*	353-835	Seals - Section Set (Incl. Ref. #6 & 9)	1
*	353-854	Boot - Spool Assembly (Incl. Ref. #45-48)	3

Ref. No.	Part No.	Description	No. Used
*	353-770	Section #3 Assembly (Complete)	1
*	354-25	Section #4 Assembly (Complete)	1
*	353-834	Section #5 Assembly (Complete)	1
*	353-841	Position - Spool Assembly (Incl. Ref. #20 27 37 & 51)	1
*	353-840	Position - DI (SP) Assy. (Incl. Ref. #37-43)	1
*	353-642	Relief - RC Mod. Assembly (Incl. Ref. #3-5 & 29-36)	1
*	353-833	Positioner Assembly (Incl. Ref. #19-28)	1
*	84-2202	Control Valve Assembly Complete	1
*	92-2548	Seals - Spool (End Set) (Incl. Ref. #15, 18 & 64)	1
*	92-2549	Seals - Spool (End Set #4 Rear Only) (Incl. Ref. #15, 16 & 18)	1
*	92-2545	Seals - Spool (Entire Valve Set)	1

*Not Illustrated

†Parts Available as Assemblies Listed as (*Not Illustrated) on This Page

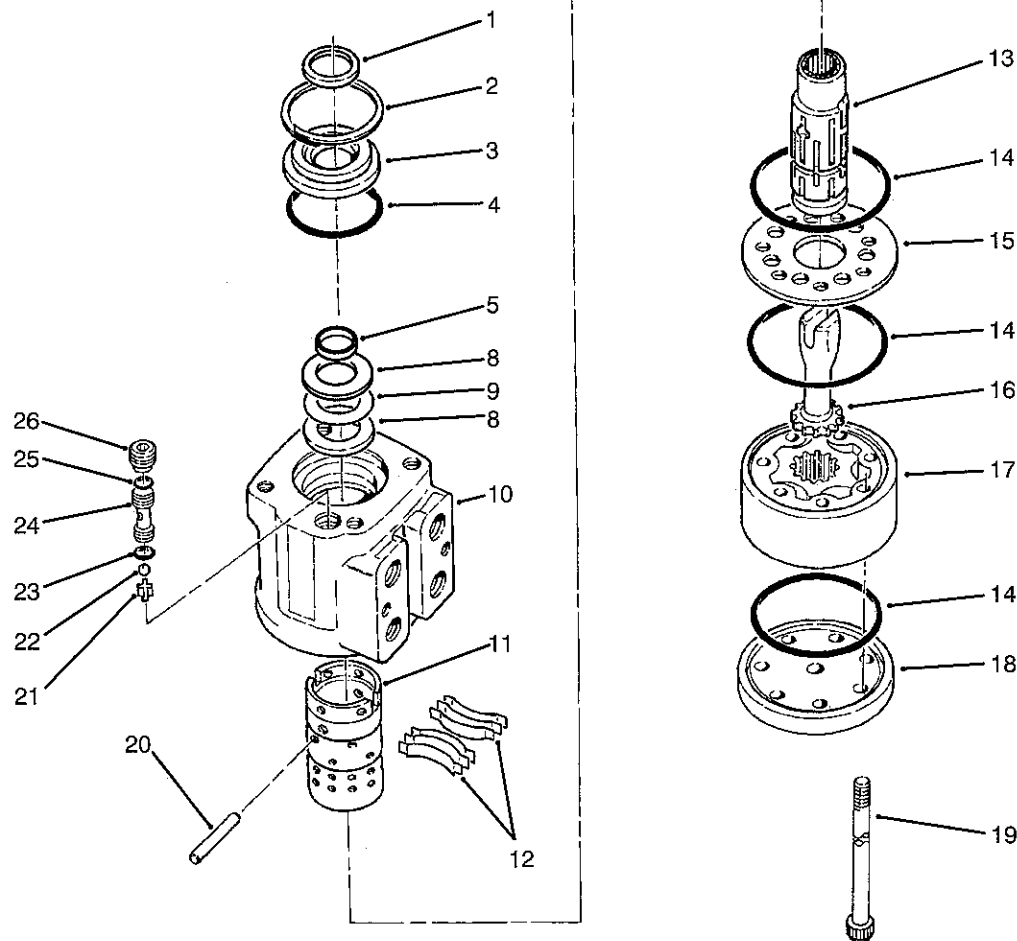


T-1291A

STEERING ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3274-80	Screw - Cap Hex. Hd.	3	19	325-4	Screw - Cap Hex. Hd.	2
2	3256-80	Washer - Flat	3	20	47-2890	Bushing - Sleeve	2
3	83-0650	Arm - Steering	1	21	3274-39	Screw - Cap Hex. Hd.	6
4	83-0780	Support - Steering Valve	1	22	3290-277	Nut - Speed	6
‡5	83-1790	Decal - Warning	1	23	83-1420	Column - Steering	1
6	83-0750	Screw - Cap Hex. Hd. L.H.	1	24	92-8690	Steering - Valve Assembly	1
7	323-4	Screw - Cap Hex. Hd.	2	25	83-0810	Cover - Steering Valve	1
8	32144-21	Screw - Round Hd.	2	26	83-1350	Hose - Hydraulic	2
9	68-5140	Cap - Steering Wheel	1	27	83-1360	Hose - Hydraulic	1
10	47-6990	Nut - Steering Wheel	1	28	83-1370	Hose - Hydraulic	1
11	68-5130	Steering Wheel Assembly (Incl. Ref. #8 & 9)	1	29	237-21	Seal - O-Ring	4
12	3246-3	Screw - Set	1	30	340-1	Fitting - Hydraulic Straight (Incl. Ref. #29 & 31)	4
13	65-6390	Washer - Thrust	1	31	237-42	Seal - O-Ring	4
14	83-0740	Disc - Friction	2	‡32	83-2050	Decal - Steering Arm	1
15	83-0730	Spacer - Lockup	1	33	3274-63	Screw - Hex. Socket Hd.	2
16	83-0760	Plate - Lockup	1	34	3256-26	Washer - Flat	2
17	233-48	Knob	1	35	83-1700	Bushing - Flange	1
18	83-0700	Handle - Lockup	1				

‡For different language versions of this part, see International Decal Cross Reference.



T-1442

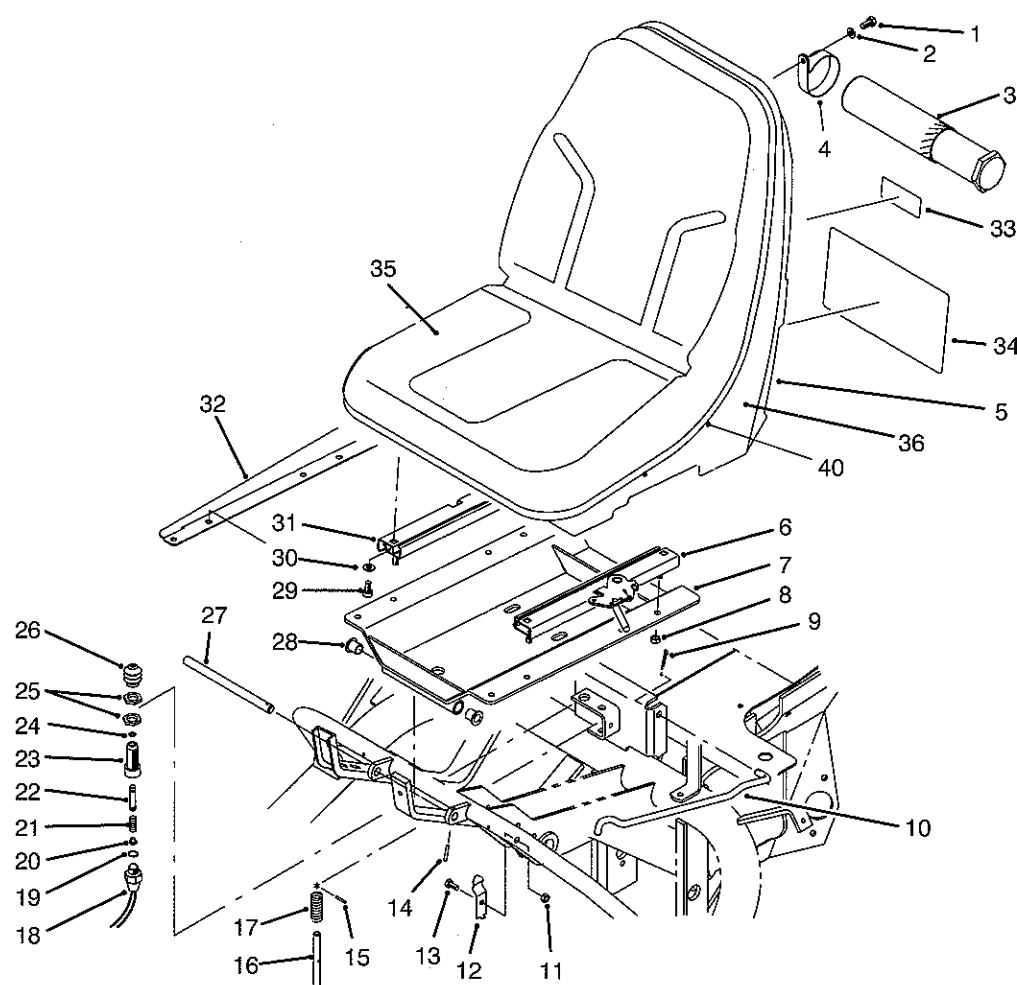
POWER STEERING VALVE NO. 92-8690

Ref. No.	Part No.	Description	No. Used
†1		Seal - Dust	1
2	52-9230	Ring - Retaining	1
3	92-8691	Bushing - Seal Gland	1
†4		O-Ring	1
†5		Seal - One Piece	1
8	59-6730	Race - Bearing	2
9	59-6740	Bearing - Needle Thrust	1
†10		Housing	1
†11		Sleeve - Control	1
†12	83-1860	Centering Spring Kit	1
†13		Spool - Control	1
†14		O-Ring	3
15	92-8697	Plate - Wear	1
16	70-8250	Drive	1
17	83-1870	Gerotor	1

Ref. No.	Part No.	Description	No. Used
18	92-8694	Cap - End	1
19	92-8696	Screw - Torx Hd.	7
20	59-6830	Centering Pin Kit	1
21	52-9290	Retainer - Ball Check	1
22	52-9280	Ball - Check	1
†23		O-Ring	1
24	52-9270	Seat - Ball Check	1
†25		O-Ring	1
26	52-9260	Screw - Set	1
*	83-1880	Control Parts Assembly (Incl. Ref. #10-13 & 20)	1
*	92-8695	Seal Kit (Incl. Ref. #1, 4, 5, 14, 23 & 25)	1

*Not Illustrated

†Not Serviced Separately



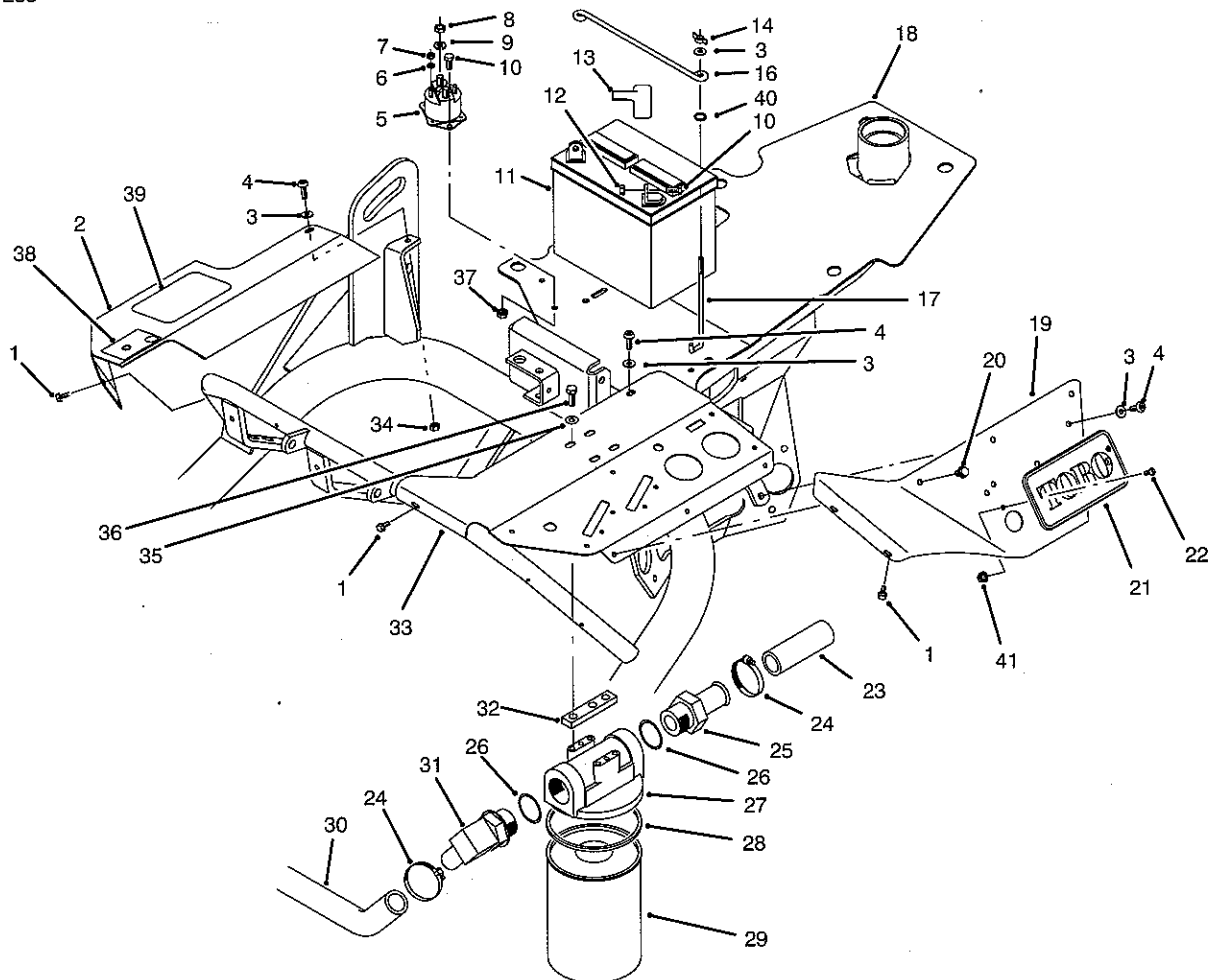
T-1290A

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-2	Screw - Cap Hex. Hd.	2	20	43-8610	Seat - Ball	1
2	3253-4	Washer - Lock	2	21	43-8600	Spring - Compression	1
3	74-0720	Tube - Manual	1	22	43-8860	Plunger - Switch	1
4	2412-133	Clamp - R	2	23	43-8620	Guide - Switch	1
5	92-1180	Seat Assembly (Incl. Ref. #35, 36 & 40)	1	24	237-7	Seal - O-Ring	1
6	51-0790	Adjuster - Seat	1	25	218-461	Nut - Hex.	2
7	83-1270	Seat Support Assembly (Incl. Ref. #28)	1	26	43-8870	Boot - Switch	1
8	3296-29	Nut - Lock	4	27	49-5880	Shaft - Seat Suport	1
9	3272-11	Pin - Cotter	1	28	256-155	Bushing -Flange	2
10	68-5100	Rod - Seat Prop	1	29	3274-12	Screw - Hex. Socket Hd.	4
11	3296-16	Nut - Lock	1	30	3256-23	Washer - Flat	4
12	68-5310	Clip - Seat Rod	1	31	51-0780	Slider - Seat	1
13	321-3	Screw - Cap Hex. Hd.	1	32	83-1840	Cover - R.H.	1
14	32121-45	Pin - Roll	1	‡33	58-6530	Decal - Hydraulic Oil	1
15	3284-3	Pin - Groove	1	‡34	83-1780	Decal - Service	1
16	51-0350	Pin - Seat Spring	1	35	92-6533	Kit - Cushion	1
17	3-6685	Spring - Compression	1	36	92-6534	Shell	1
18	72-4320	Switch - Ball	1	40	351-78	Edging	1
19	237-30	Seal - O-Ring	1	*	43-9071	Seat Switch Assembly (Incl. Ref. #18-26)	1

*Not Illustrated

‡For different language versions of this part, see International Decal Cross Reference.

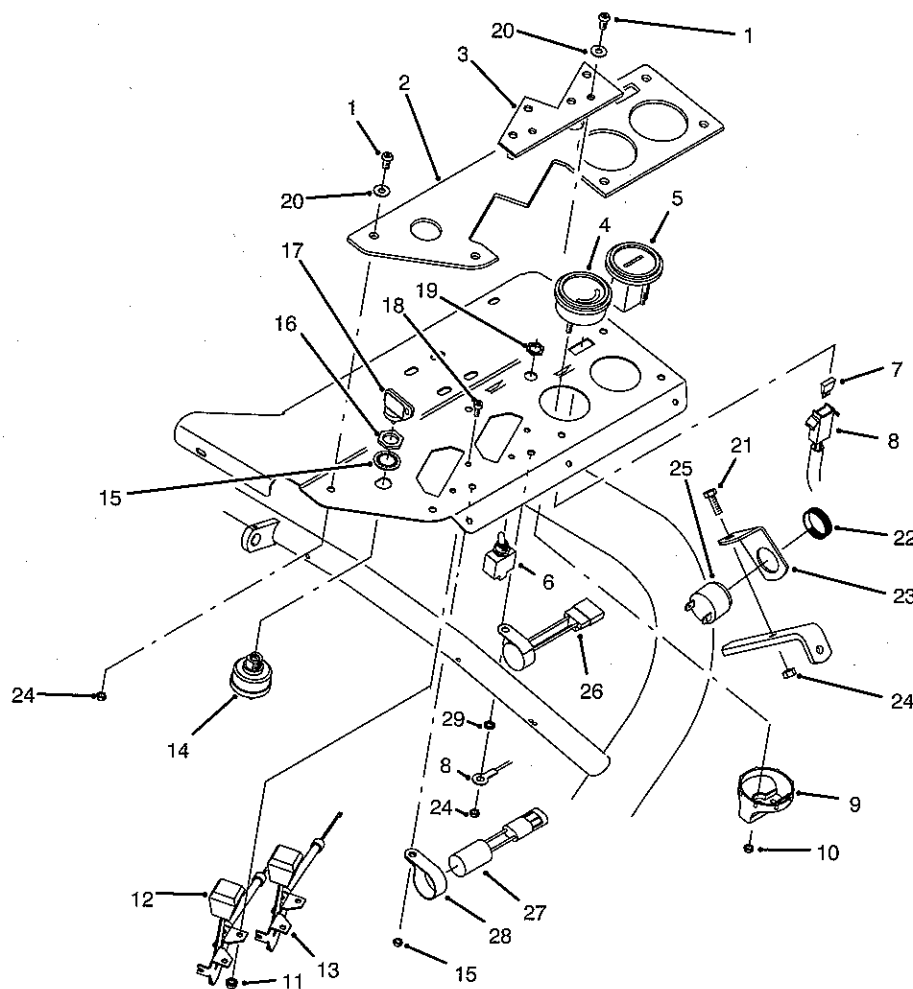


T-1295

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32104-76	Screw - Self Tapping	5	24	2412-34	Clamp - Hose	2
2	83-1830	Cover - R.H.	1	25	353-563	Fitting - Hydraulic Straight	1
3	3256-22	Washer - Flat	5	26	237-101	Seal - O-Ring	2
4	3274-64	Screw - Hex. Socket Hd.	3	27	44-5560	Head - Oil Filter	1
5	28-4210	Solenoid - Starter	1	28	72-3850	Seal - Filter	1
6	3254-1	Washer - Lock	2	29	74-3570	Filter - Hydraulic Oil	1
7	3219-14	Nut - Hex.	2			(Incl. Ref. #28)	1
8	3218-13	Nut - Jam	2	30	68-5880	Hose - Hydraulic	1
9	3253-4	Washer - Lock	2	31	353-564	Fitting - Hydraulic 90°	1
10	321-3	Screw - Cap Hex. Hd.	4			(Incl. Ref. #26)	1
11	28-1400	Battery	1	32	27-2380	Spacer	2
12	3217-5	Nut - Hex.	2	33	83-0830	Panel - Control Upper	1
13	28-8080	Boot Terminal	1	34	3296-16	Nut - Lock	3
14	32103-12	Nut - Wing	2	35	3256-23	Washer - Flat	4
16	72-4790	Hold-Down - Battery	1	36	322-4	Screw - Cap Hex. Hd.	4
17	56-7720	Bolt - Battery	2	37	32149-2	Nut - Keps	2
18	83-0220	Frame Assembly	1	38	83-1850	Decal - Traction	1
19	83-0840	Fender - L.H.	1	39	67-1300	Decal - TORO	1
20	46-8560	Screw - Self Taping	3	40	237-143	Grommet	2
21	61-3310	Plate - Logo	1	41	32149-7	Nut - Keps	2
22	3290-470	Screw - Flat Hd.	2				
23	83-1430	Hose - Hydraulic	1				

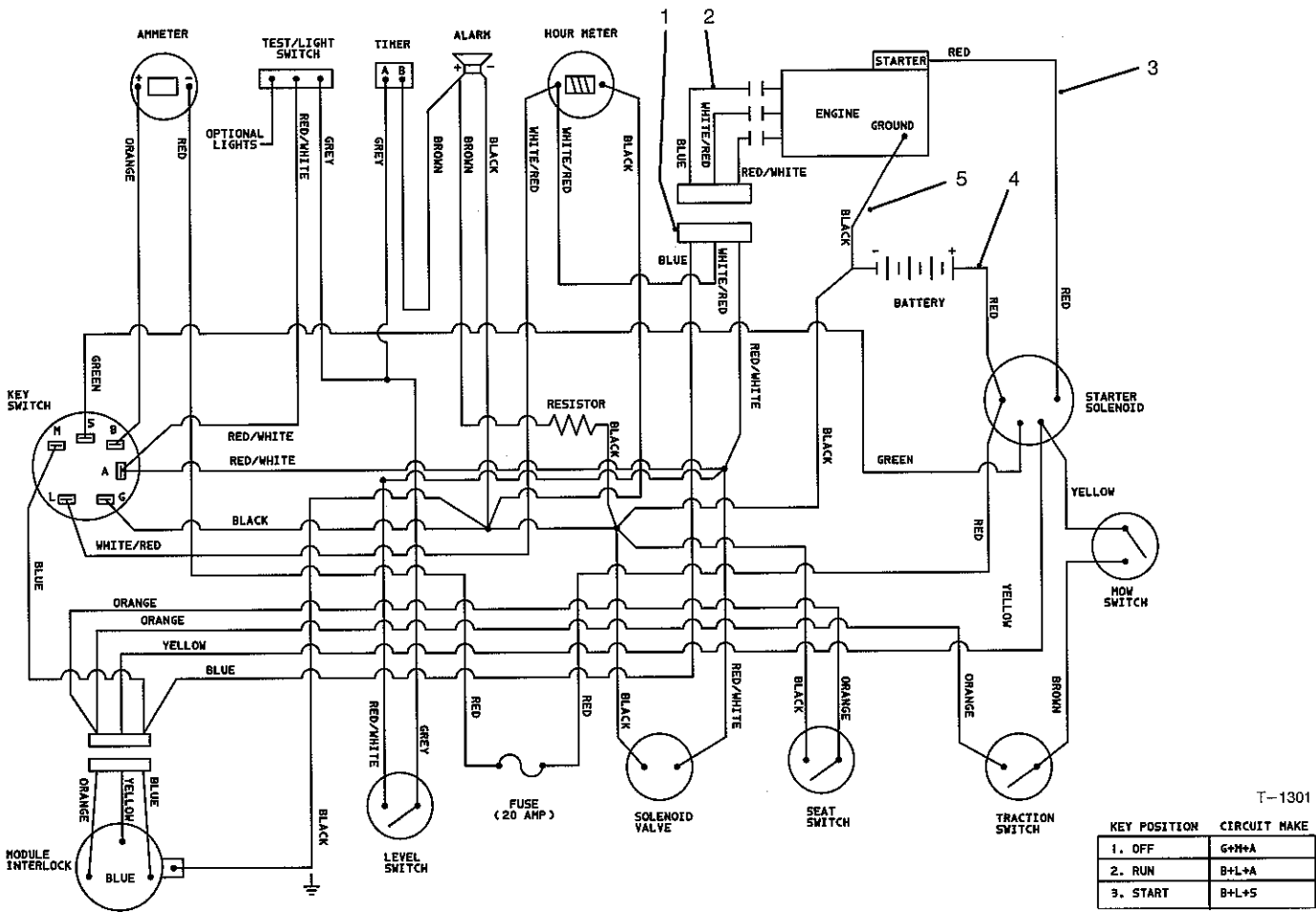
‡For different language versions of this part, see International Decal Cross Reference.



T-1296

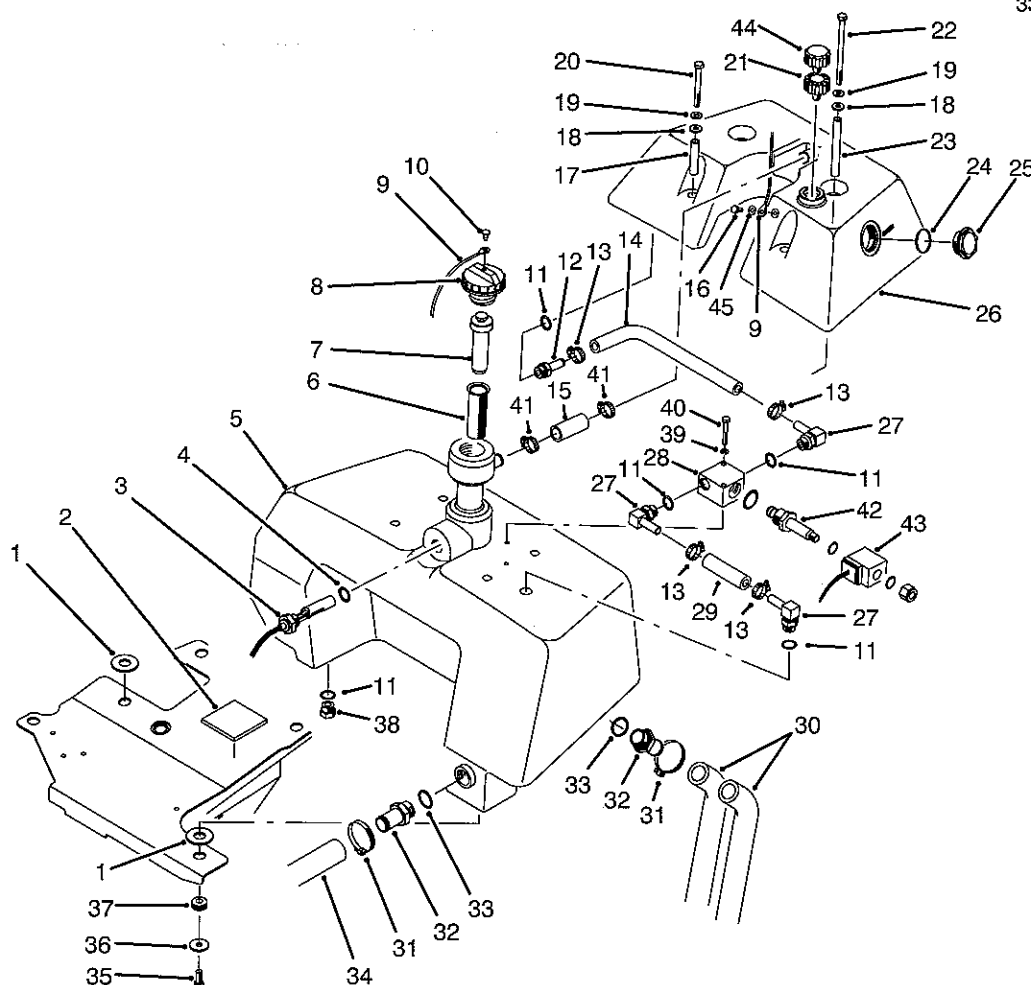
CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3274-69	Screw - Hex. Socket Hd.	8	15	3254-5	Washer - Lock	1
2	83-0850	Plate - Control Panel	1	16	218-461	Nut - Hex.	1
3	83-2030	Plate - Filler	1	17	63-8360	Key - Ignition	1
4	83-0820	Gauge - Ammeter	1	18	3273-26	Screw - Hex. Socket Hd.	4
5	66-2950	Gauge - Hourmeter	1	19		Nut - Hex.	2
6	83-1660	Switch Assembly (Incl. Ref. #19)	1	20	3256-1	Washer - Flat	8
7	218-594	Fuse - 20 Amp	1	21	321-4	Screw - Cap Hex. Hd.	1
8	83-1100	Harness - Wire (Main)	1	22		Retainer - Alarm	1
9	39-9600	Clamp - Mounting	1	23	83-1530	Bracket - Alarm	1
10	3219-14	Nut - Hex.	6	24	3296-16	Nut - Lock	9
11	3296-27	Nut - Lock	4	25	80-9330	Audio Alarm Assembly (Incl. Ref. #22)	1
12	83-0030	Control - Throttle	1	26	28-7890	Module - Interlock	1
13	83-0040	Control - Choke	1	27	83-2280	Timer - Relay	1
14	83-0020	Ignition Switch Assembly (Incl. Ref. #15-16)	1	28	2412-106	Clamp - R	1
				29	3255-7	Washer - Lock	1



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	83-1100	Harness - Wire (Main)	1	4	83-2420	Wire - Solenoid-Battery	1
2	83-1110	Harness - Wire (Engine)	1	5	83-1150	Wire - Engine Ground	1
3	83-1160	Wire - Soleniod-Starter	1				

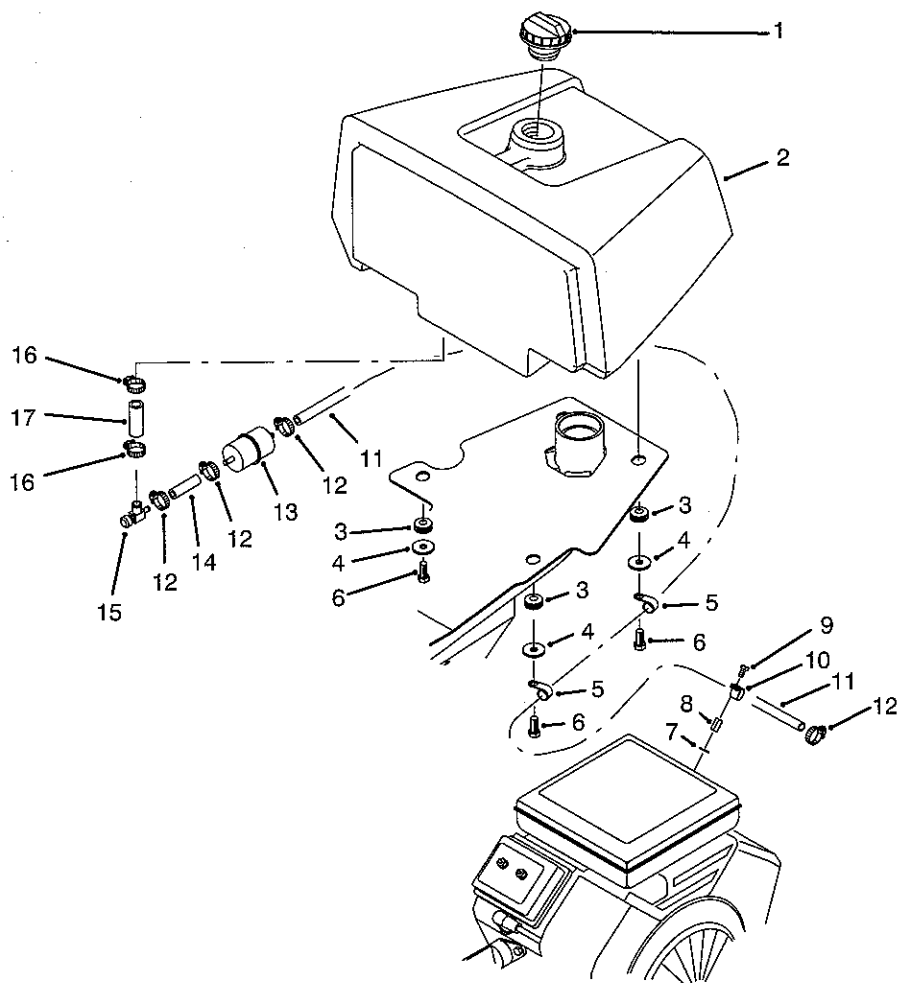


T-1289A

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83-2400	Spacer - Tank	2
2	83-2390	Pad - Tank	1
3	83-1450	Sensor - Oil Level	1
4	237-80	Seal - O-Ring	1
5	92-8966	Reservoir - Hydraulic	1
6	83-1520	Screen - Filler	1
7	92-4063	Plug - Filler Cap	1
8	70-8640	Cap - Hydraulic Reservoir (Incl. Ref. #9 & 10)	1
9	75-0540	Tether - Cap	1
10	2410-73	Retainer - Tether	1
11	237-79	Seal - O-Ring	5
12	92-1665	Fitting - Hydraulic Straight (Incl. Ref. #11)	1
13	2412-36	Clamp - Hose	4
14	83-2070	Hose - Valve	1
15	83-2090	Hose - Overflow	1
16	321-2	Screw - Cap Hex. Hd.	1
17	83-1550	Spacer - Tank (Short)	2
18	83-1470	Washer - Neoprene	4
19	3256-23	Washer - Flat	4
20	322-14	Screw - Cap Hex. Hd.	2
21	92-8020	Adapter - Breather	1
22	322-29	Screw - Cap Hex. Hd.	2
23	83-1560	Spacer - Tank (Long)	2
24	237-123	Seal - O-Ring	1

Ref. No.	Part No.	Description	No. Used
25	83-2250	Gauge - Sight (Incl. Ref. #24)	1
26	92-1666	Tank - Auxiliary Hydraulic	1
27	354-120	Fitting - Hydraulic 90° (Incl. Ref. #11)	3
28	83-1460	Solenoid Valve Assembly (Incl. Ref. #42 & 43)	1
29	83-2080	Hose - Valve-Tank	1
30	83-0910	Hose - Hydraulic	2
31	2412-34	Clamp - Hose	3
32	83-0870	Fitting - Hydraulic Straight (Incl. Ref. #33)	3
33	237-177	Seal - O-Ring	3
34	83-1430	Hose - Hydraulic	1
35	323-6	Screw - Cap Hex. Hd.	3
36	63-8410	Washer - Flat	3
37	240-11	Grommet	3
38	353-550	Plug - Hydraulic (Incl. Ref. #11)	1
39	3253-3	Washer - Lock	2
40	321-11	Screw - Cap Hex. Hd.	2
41	2412-141	Clamp - Hose	2
42	83-2000	Spool - Valve	1
43	83-2010	Coil - Valve	1
44	68-6150	Breather	1
45	3256-22	Washer - Flat	1



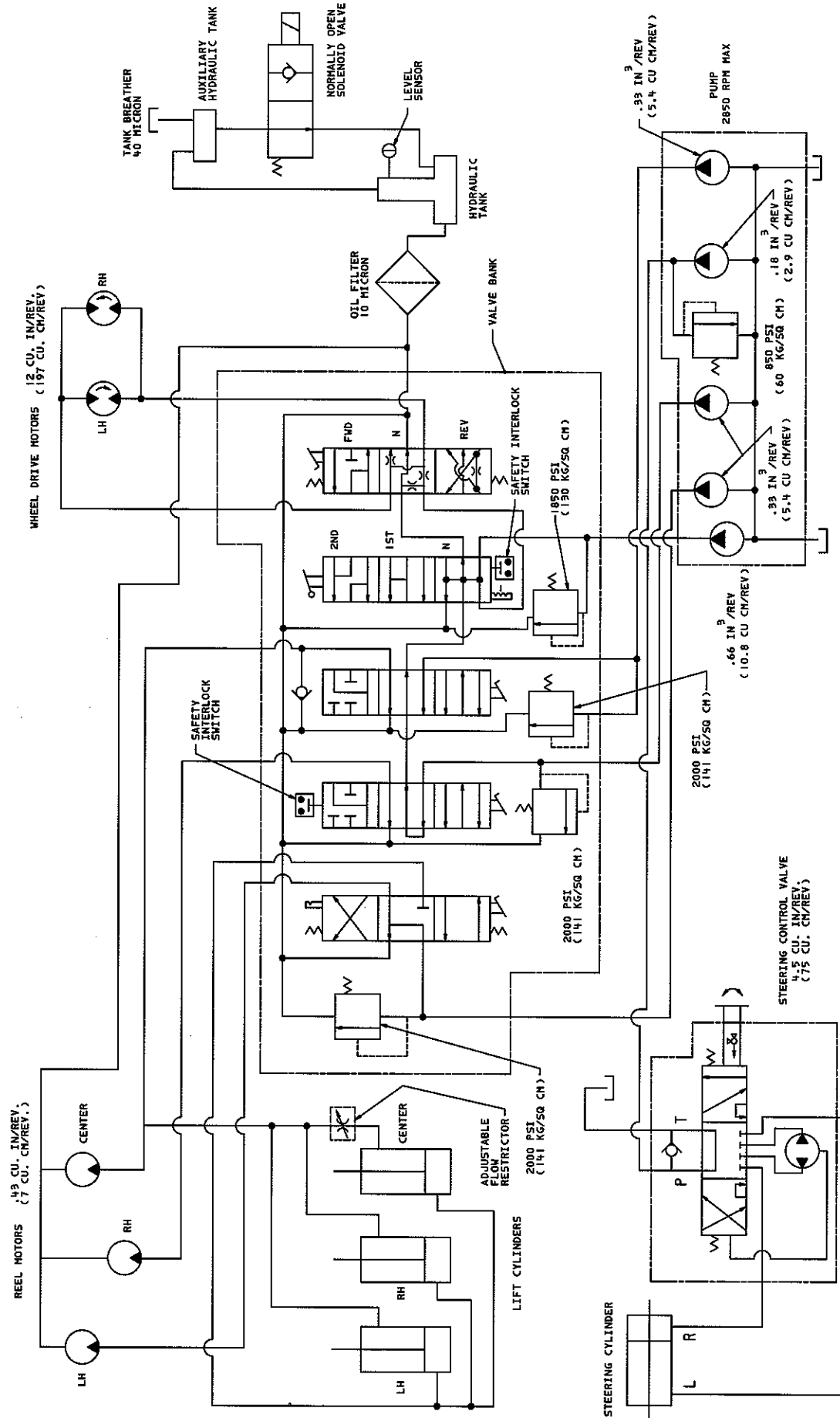
T-1317A

FUEL TANK ASSEMBLY

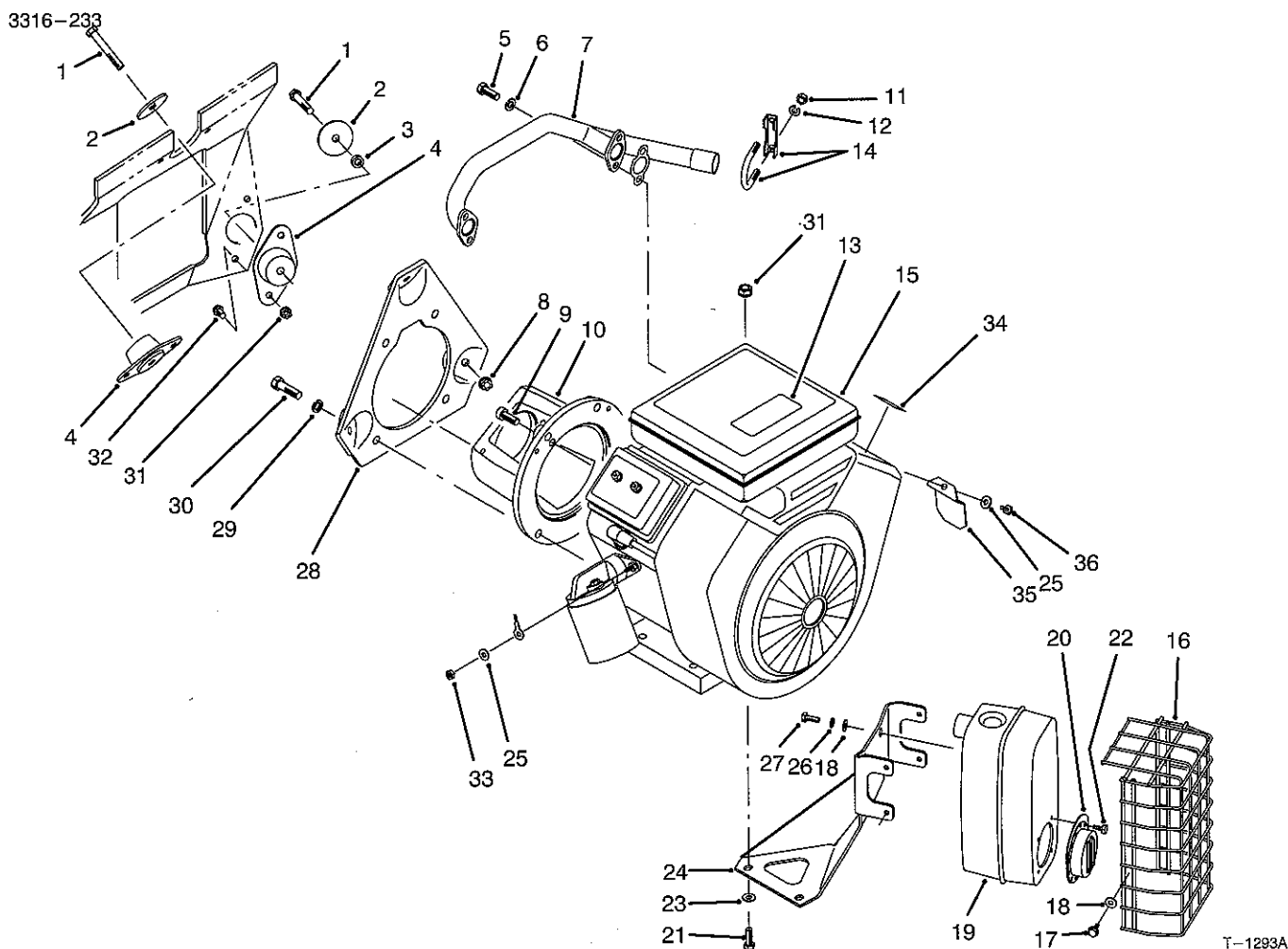
Ref. No.	Part No.	Description	No. Used
1	70-8631	Cap - Fuel	1
2	92-7189	Tank - Fuel	1
3	240-11	Grommet	4
4	63-8410	Washer - Flat	4
5	2412-41	Clamp - R	3
6	323-6	Screw - Cap Hex. Hd.	3
7	3256-63	Washer - Flat	1
8	83-2200	Nut - Special	1
9	48-7610	Screw - Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
10	2412-94	Clamp - R	1
11	83-2041	Hose - Fuel	1
12	2412-108	Clamp - Hose	4
13	83-1320	Filter - Fuel	1
14	83-2040	Hose - Fuel	1
15	83-1390	Fiting - Fuel Shut-Off	1
16	2412-36	Clamp - Hose	2
17	56-2230	Hose - Fuel	1

HYDRAULIC SCHEMATIC



T-1302



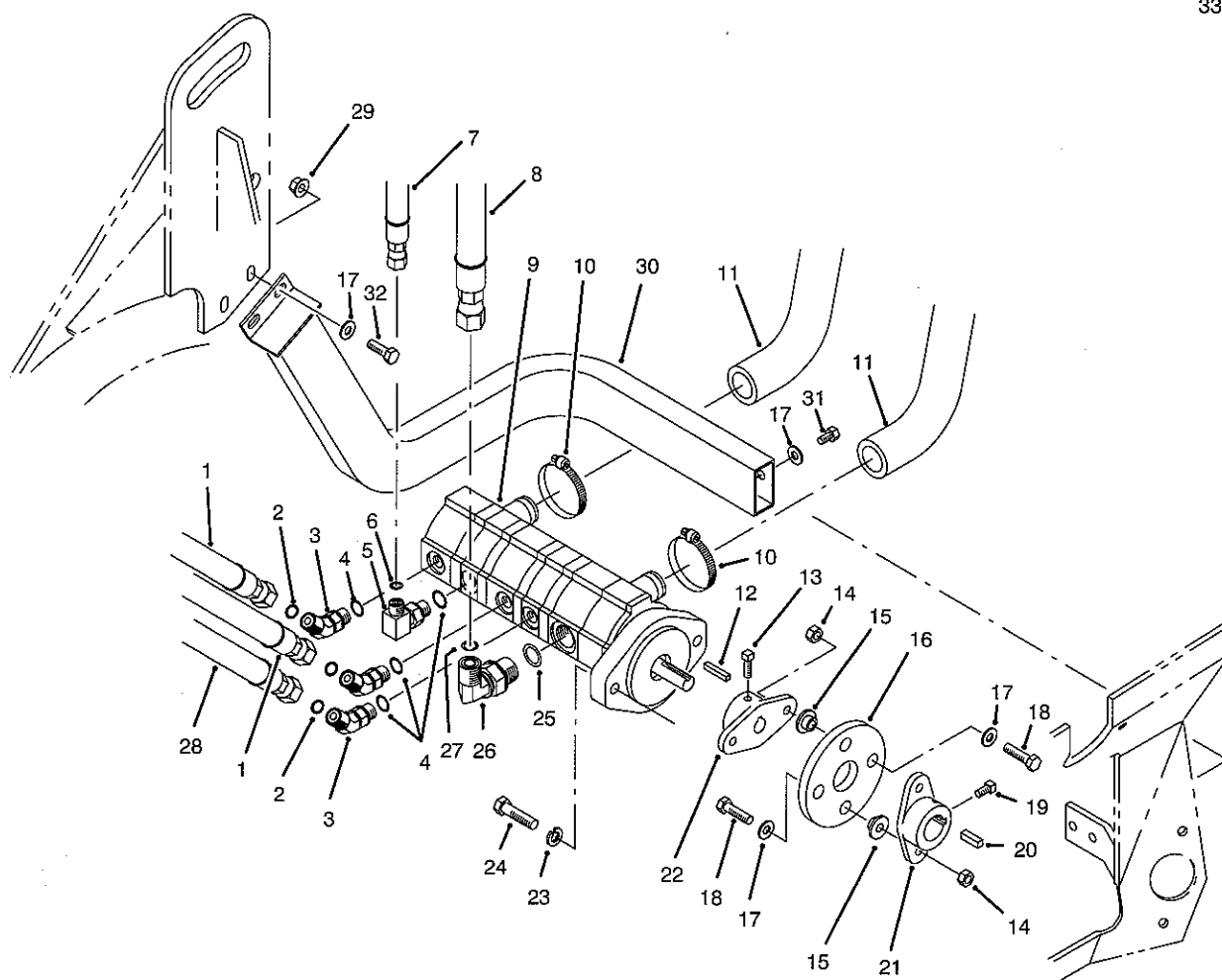
ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-12	Screw - Cap Hex. Hd.	3
2	83-1040	Washer - Mount	3
3	83-1050	Spacer - Mount	2
4	83-1030	Mount - Engine	3
5		Screw - Cap Hex. Hd.	4
6		Washer - Lock	4
7	83-1080	Pipe - Exhaust	1
8	3290-357	Nut - Flange Lock	3
9	3274-7	Screw - Socket Hd.	2
10	83-1060	Adapter - Pump	1
11		Nut - Hex.	2
12		Washer - Lock	2
†13	71-3620	Decal - Engine RPM	1
14	2112-11	Clamp - Muffler (Incl. Ref. #11 & 12)	1
15	83-0010	Engine Assembly (Incl. Ref. #5 & 6)	1
16	83-1400	Shield - Muffler	1
17	32144-4	Screw - Hex. Washer Hd.	4
18	3256-1	Washer - Flat	8
19	493963	Muffler	1
*	83-2240	Arrestor - Spark (Optional)	1

Ref. No.	Part No.	Description	No. Used
20	83-2220	Deflector - Exhaust	1
21	322-8	Screw - Cap Hex. Hd.	2
22	83-2230	Screw - Cap Hex. Hd.	4
23	3256-23	Washer - Flat	2
24	83-1630	Bracket - Muffler Support	1
25	43-5930	Washer - Lock	2
26	3253-3	Washer - Lock	4
27	321-4	Screw - Cap Hex. Hd.	4
28	85-8120	Plate - Engine Mount	1
29	3253-6	Washer - Lock	4
30	324-7	Screw - Cap Hex. Hd.	4
31	32128-20	Nut - Flange Lock	8
32	322-3	Screw - Cap Hex. Hd.	6
33	43-2830	Nut - Hex	1
†34	63-8440	Decal - Warning Hot	1
35	83-2310	Shield	1
36	48-7620	Screw - Cap Hex. Hd.	1
*	3290-378	Tie - Cable	2
*	250-6	Tie - Cable	2

*Not Illustrated

†For different language versions of this part, see International Decal Cross Reference.

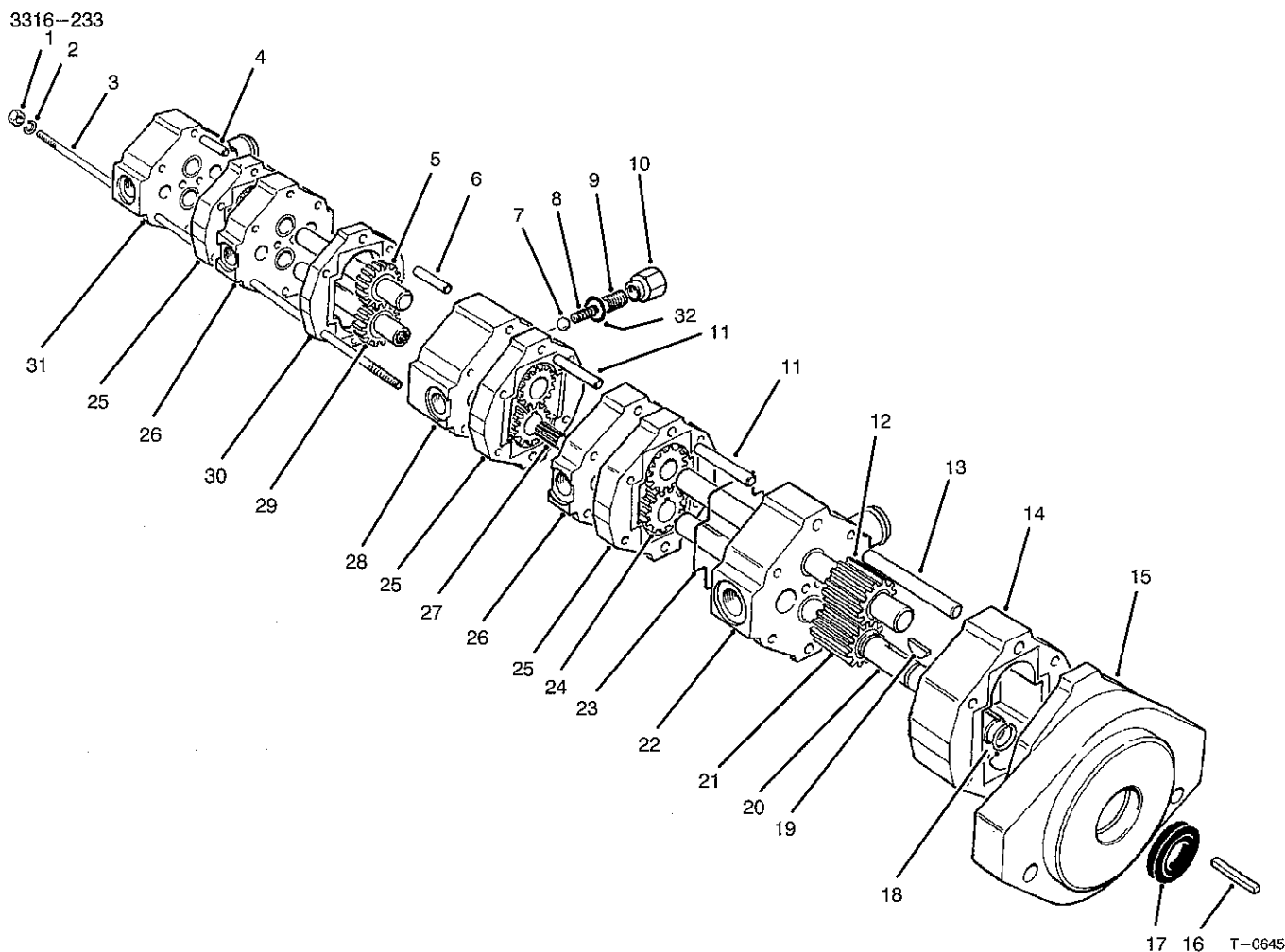


T-1292

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83-1190	Hose - Hydraulic	2
2	237-22	Seal - O-Ring	3
3	340-87	Fitting - Hydraulic 45° (Incl. Ref. #2 & 4)	3
4	237-42	Seal - O-Ring	4
5	340-82	Fitting - Hydraulic 90° (Incl. Ref. #4 & 6)	1
6	237-21	Seal - O-Ring	1
7	83-1350	Hose - Hydraulic	1
8	83-1180	Hose - Hydraulic	1
9	68-4940	Hydraulic Pump Assembly (Incl. Ref. #12)	1
10	2412-34	Clamp - Hose	2
11	83-0910	Hose - Pump	2
12	5-0946	Key - Square	1
13	3241-6	Screw - Set Square Hd.	2
14	3296-29	Nut - Lock	4
15	27-6600	Spacer - Coupling	4

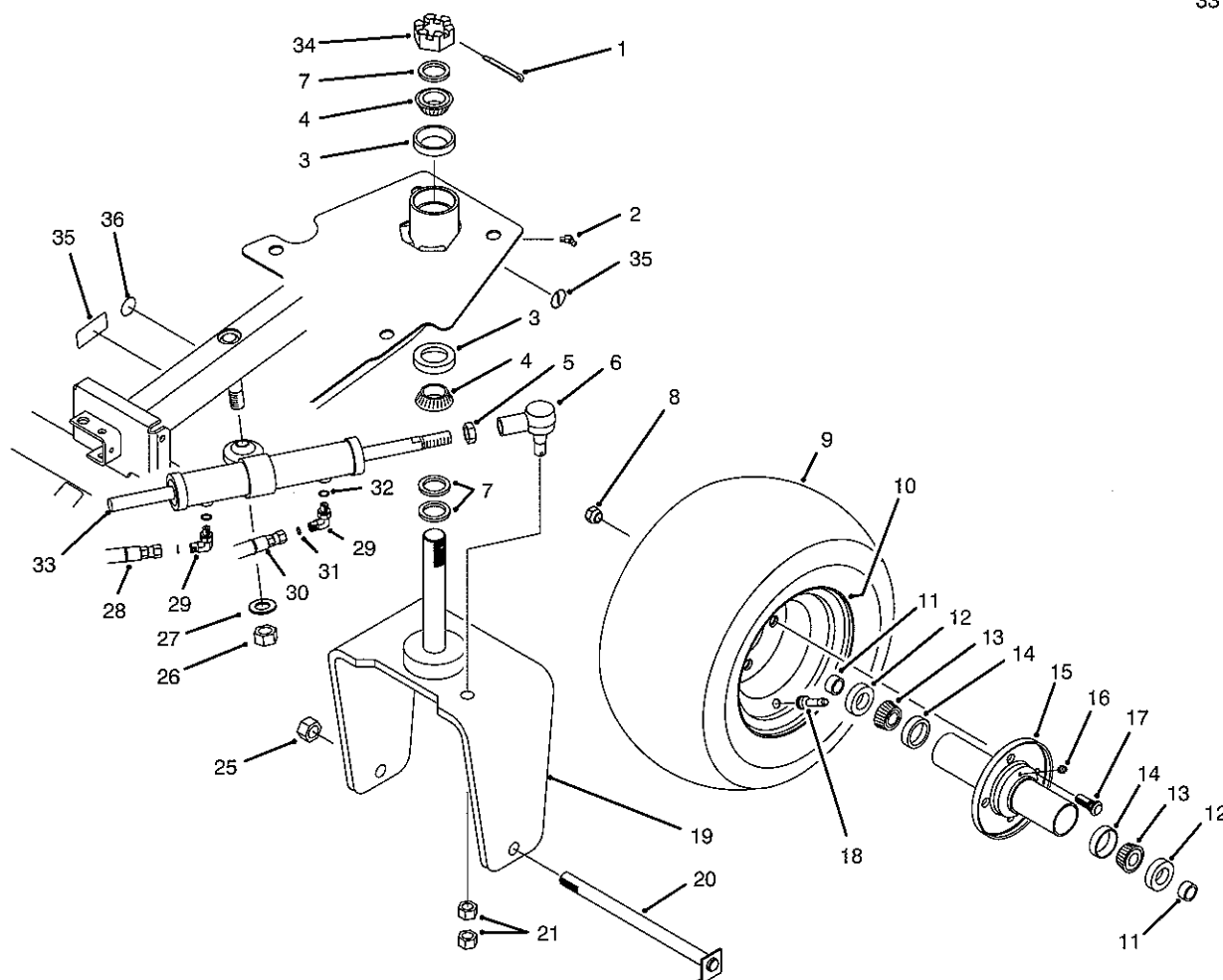
Ref. No.	Part No.	Description	No. Used
16	44-2230	Coupling - Rubber	1
17	3256-23	Washer - Flat	8
18	322-6	Screw - Cap Hex. Hd.	4
19	3241-2	Screw - Set Square Hd.	2
20	10-7070	Key - Square	1
21	27-1960	Hub - Engine	1
22	27-1970	Hub - Pump	1
23	3253-21	Washer - Lock	2
24	323-8	Screw - Cap Hex. Hd.	2
25	237-80	Seal - O-Ring	1
26	340-105	Fitting - Hydraulic 90° (Incl. Ref. #25 & 27)	1
27	237-30	Seal - O-Ring	1
28	83-1170	Hose - Hydraulic	1
29	32128-20	Nut - Flange Lock	2
30	83-1940	Guard - Pump	1
31	322-1	Screw - Cap Hex. Hd.	2
32	322-4	Screw - Cap Hex. Hd.	2



HYDRAULIC PUMP 68-4940

Ref. No.	Part No.	Description	No. Used
1	3217-6	Nut - Lock	4
2	354-16	Washer - Lock	4
3	354-17	Stud - Threaded	4
4	354-11	Pin - Dowel	2
5	354-9	Idler Shaft - Gear Assy.	1
6	354-12	Pin - Dowel	2
7		Ball - Valve	1
8		Spring - Compression	1
9		Adjuster - Valve	1
10		Cap - Adjuster, Valve	1
11	354-13	Pin - Dowel	4
12	354-10	Idler Shaft - Gear Assy.	1
13	354-14	Pin - Dowel	2
14	353-971	Plate - Gear 66B	1
15	354-2	Body Assembly	1
16	5-0946	Key - Square	1
17	354-15	Seal - Shaft	1

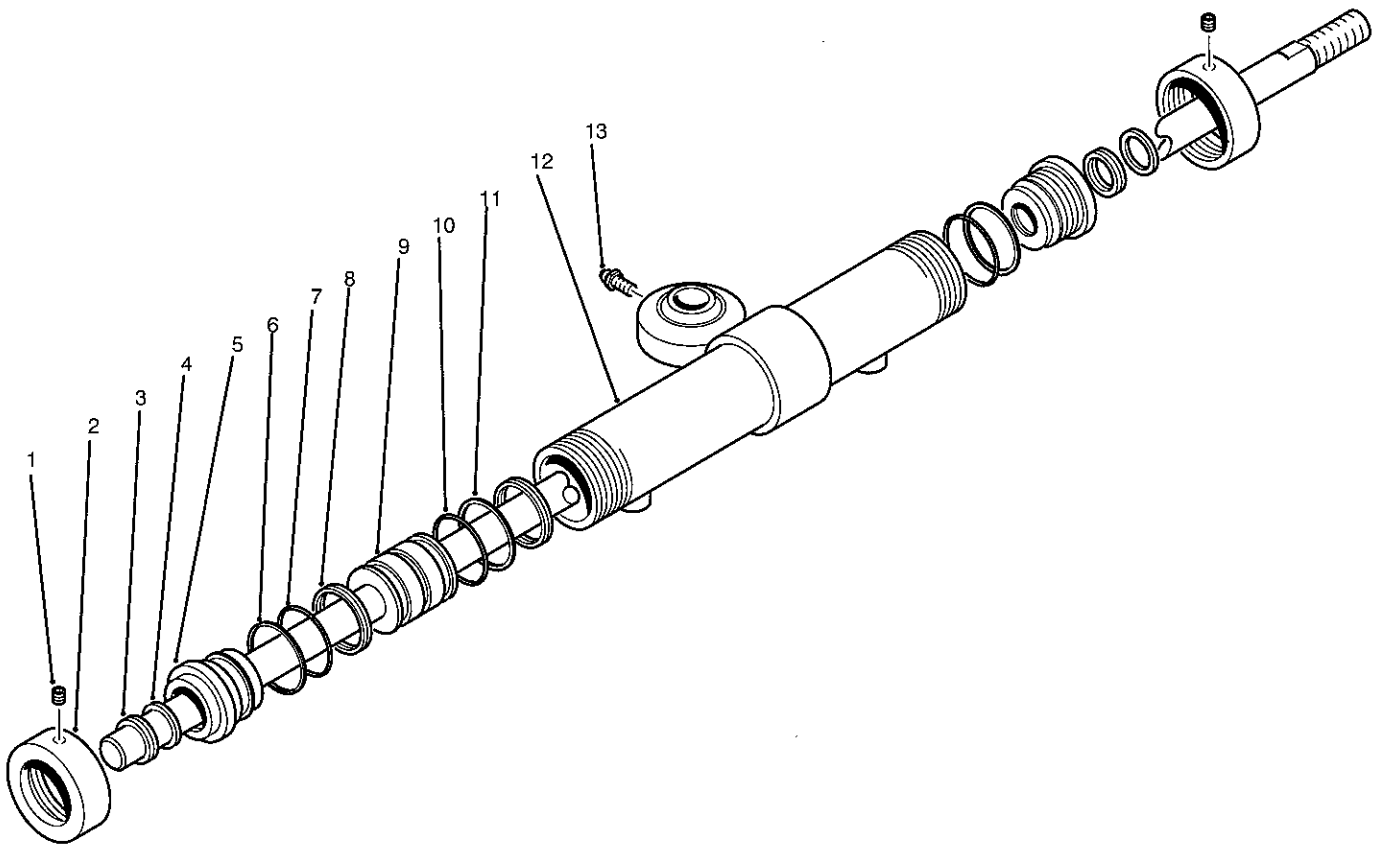
Ref. No.	Part No.	Description	No. Used
18	353-886	Ring - Retaining	2
19	353-884	Key - Woodruff	4
20	354-1	Shaft - Drive	1
21	353-964	Gear - 66B	1
22	354-3	Bearing Plate Assembly	1
23	353-922	Seal - Ring	10
24	353-967	Gear - 33B	6
25	353-969	Plate - Gear 33B	3
26	353-923	Bearing Plate Assembly	2
27	354-5	Adapter - Splined	1
28	354-4	Bearing Plate Assembly (Incl. Ref. #7-10 & 32)	1
29	354-8	Drive Shaft - Gear Assy.	1
30	354-6	Plate - Gear 18B	1
31	354-7	Cover Assembly	1
32	354-35	Gasket	1



T-1288

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3272-37	Pin - Cotter	1	18	232-24	Valve Stem w/Cap	1
2	302-11	Fitting - Grease	1	19	83-0930	Fork - Castor	1
3	254-61	Cup - Bearing	2	20	5-3934	Bolt - Castor	1
4	254-70	Cone - Bearing	2	21	3220-6	Nut - Jam	2
5	84-5300	Nut - Jam	1	25	3296-67	Nut - Lock	1
6	83-1640	Rod End Assembly	1	26	3217-12	Nut - Lock	1
7	18-6320	Washer - Steering	3	27	3256-28	Washer - Flat	1
8	242-50	Nut - Lug	4	28	83-1350	Hose - Hydraulic	1
9	28-3680	Tire	1	29	340-132	Fitting - Hydraulic 90° (Incl. Ref. #31 & 32)	2
10	217-60	Rim	1	30	83-1360	Hose - Hydraulic	1
11	74-3730	Spacer - Hub	2	31	237-21	Seal - O-Ring	2
12	253-111	Seal - Shaft	2	32	237-78	Seal - O-Ring	2
13	254-78	Cone - Bearing	2	33	83-2330	Hydraulic Cylinder Assy.	1
14	254-79	Cup - Bearing	2	34	32136-9	Nut - Hex. Slotted	1
15	75-9440	Hub - Wheel	1	35	92-6071	Decal - Safety	1
16	302-55	Fitting - Grease	1	36	58-6520	Decal - Grease	2
17	10-6830	Stud - Drive	4				



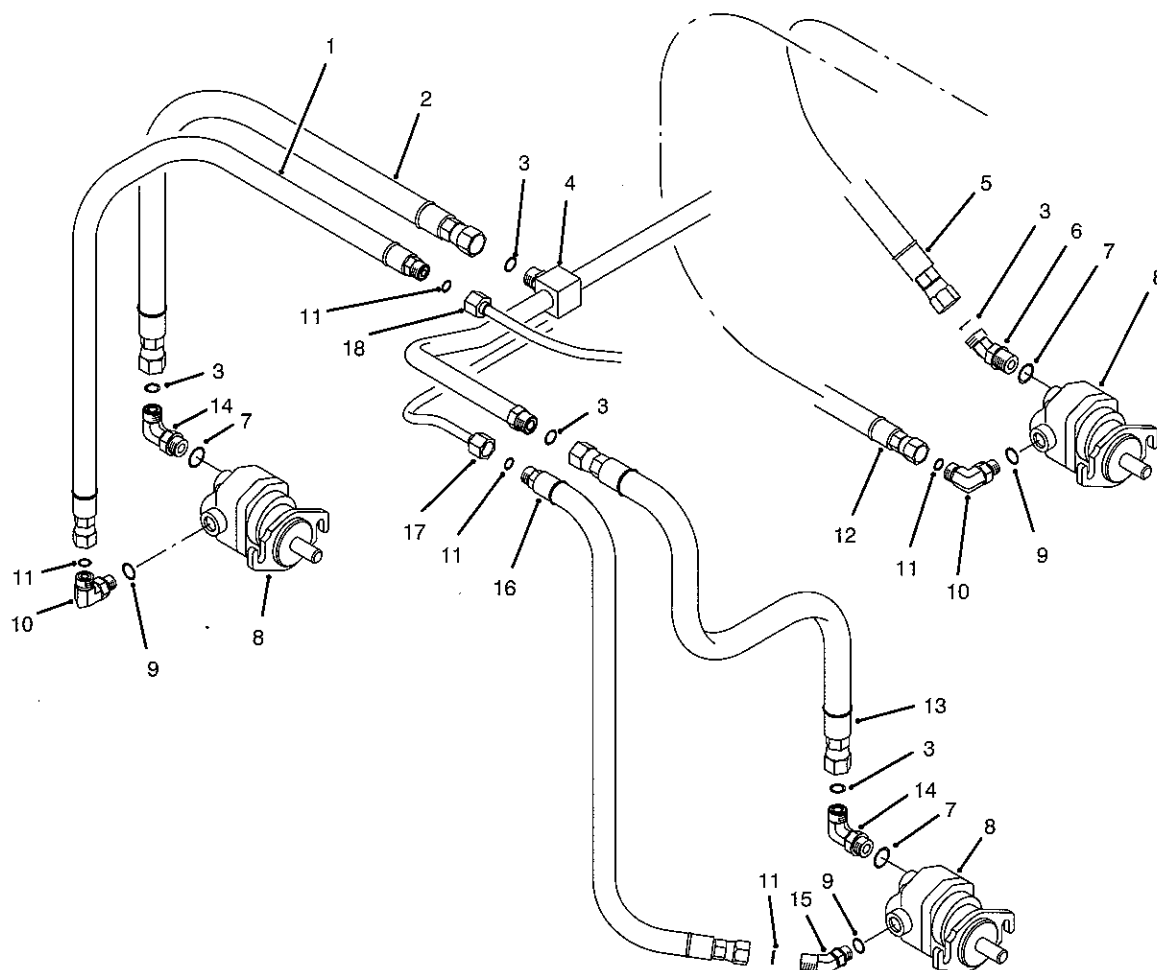
T-1313

HYDRAULIC CYLINDER ASSEMBLY NO. 83-2330

Ref. No.	Part No.	Description	No. Used
1	3245-1	Screw - Set, Hex. Soc. Hd.	2
2	83-2340	Cap - Threaded	2
3		Wiper - Rod	2
4		U-Cup - Double Lip	2
5	83-2350	Cap - Head, Thread	2
6		Ring - Back-Up	2
7		O-Ring	2
8		Ring - Wear	2

Ref. No.	Part No.	Description	No. Used
9	83-2360	Assembly - Rod	1
10		O-Ring	1
11		Ring - Piston, Urithane	1
12	83-2370	Assembly - Barrel	1
13	302-5	Fitting - Grease	1
*	83-2380	Kit - Seal Repair (Incl. Ref. #1-7)	1

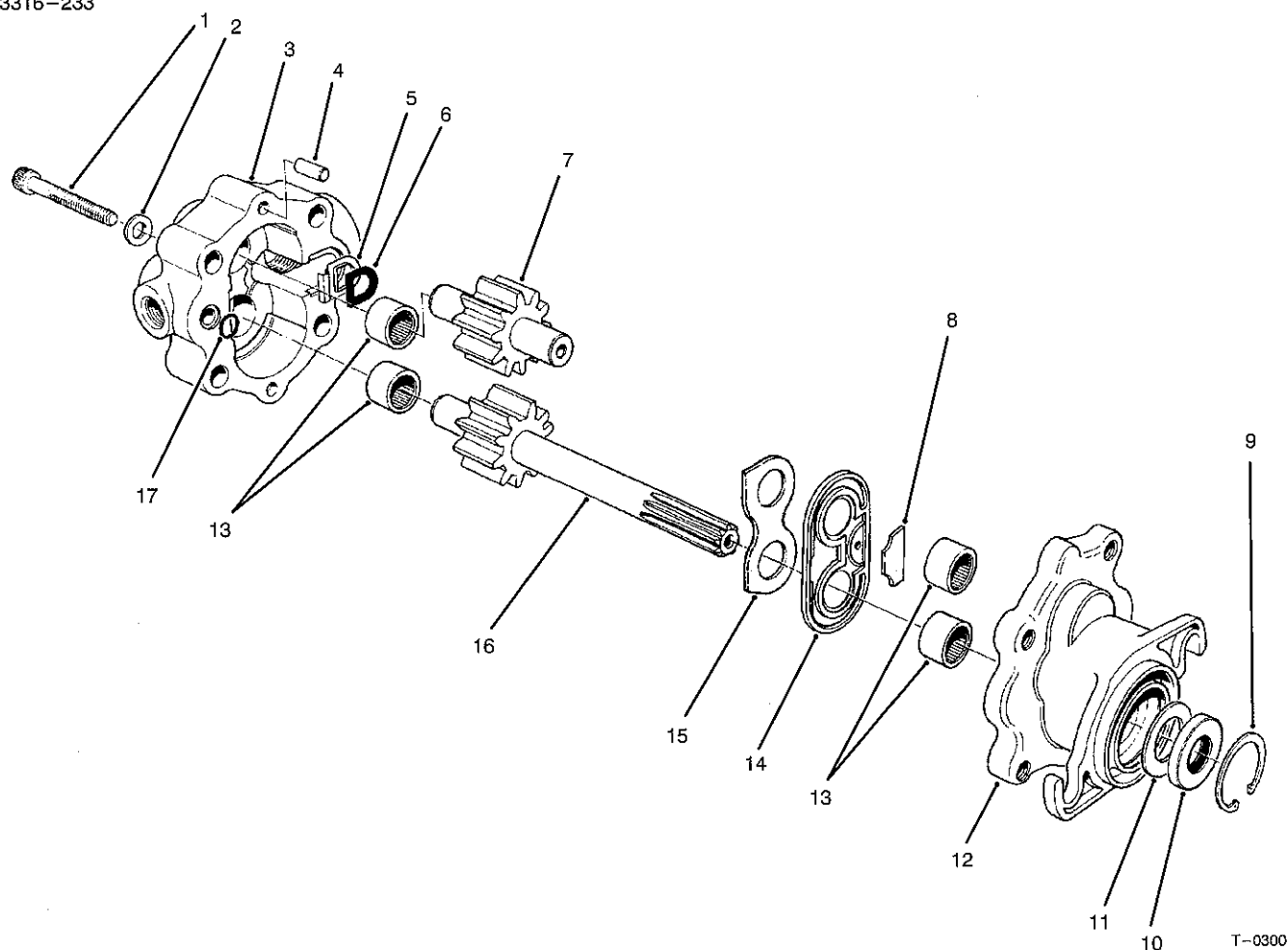
*Not Illustrated



T-1297

REEL MOTOR INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-3810	Hose - Hydraulic	1	10	340-77	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11)	2
2	63-3820	Hose - Hydraulic	1	11	237-22	Seal - O-Ring	5
3	237-30	Seal - O-Ring	5	12	74-3830	Hose - Hydraulic	1
4	63-4040	Hydraulic Tube Assembly (Incl. Ref. #3)	1	13	63-3830	Hose - Hydraulic	1
5	63-3840	Hose - Hydraulic	1	14	340-98	Fitting - Hydraulic 90° (Incl. Ref. #3 & 7)	2
6	340-101	Fitting - Hydraulic 45° (Incl. Ref. #3 & 7)	1	15	340-87	Fitting - Hydraulic 45° (Incl. Ref. #9 & 11)	1
7	237-79	Seal - O-Ring	3	16	63-3870	Hose - Hydraulic	1
8	70-9800	Reel Motor Assembly	3	17	63-4020	Tube - Hydraulic	1
9	237-42	Seal - O-Ring	3	18	63-4030	Tube - Hydraulic	1



REEL MOTOR NO. 70-9800

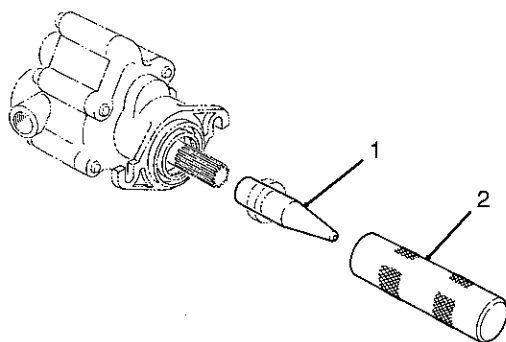
Ref. No.	Part No.	Description	No. Used
1	353-601	Screw - Hex Socket Hd.	4
2	353-600	Washer	4
3	353-588	Cover - Motor	1
4	353-599	Pin - Dowel	2
5	353-597	Bridging - Insert	1
6	353-598	Gasket - Insert	1
7	353-593	Idler Gear Assembly	1
8	353-591	Block - Anti-Extrusion	1
9	32151-41	Ring - Retaining	1
10		Seal - Shaft	1
11		Spacer	1
12	353-777	Body - Motor (Incl. Ref. #13)	1

Ref. No.	Part No.	Description	No. Used
13	353-586	Bearing - Needle	4
14	353-594	Seal Assembly	1
15	353-595	Plate - Wear	1
16	353-592	Drive Shaft Assembly	1
17	353-596	O-Ring	1
*	72-4380	Seal Kit (Incl. Ref. #9-11)	1
*	72-4390	Repair Kit (Incl. Ref. #5, 6, 8-11, 14, 15 & 17)	
*		Seal Installer	1
*		Seal Protector	1

*Not Illustrated

SPECIAL TOOLS

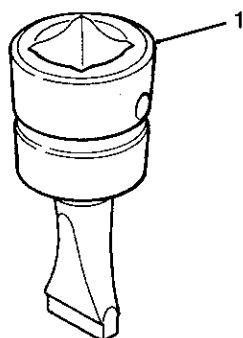
REEL MOTOR SEAL INSTALLATION TOOLS



T-0727

Ref. No.	Part No.	Description	No. Used
1	TOR491430	Protector – Seal	1
2	TOR491450	Installer – Seal	1

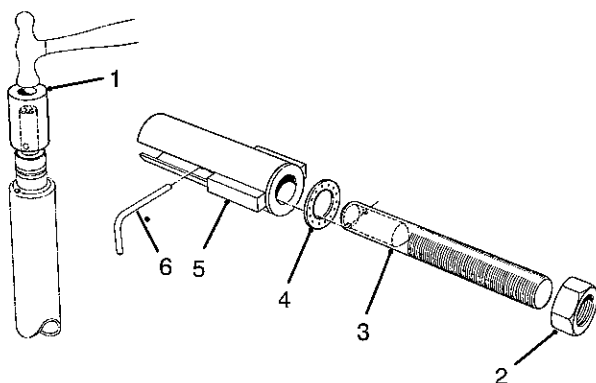
BED KNIFE SCREW TOOL NO. TOR510880



T-0729

Ref. No.	Part No.	Description	No. Used
1		Tool – Bed Knife Screw	1

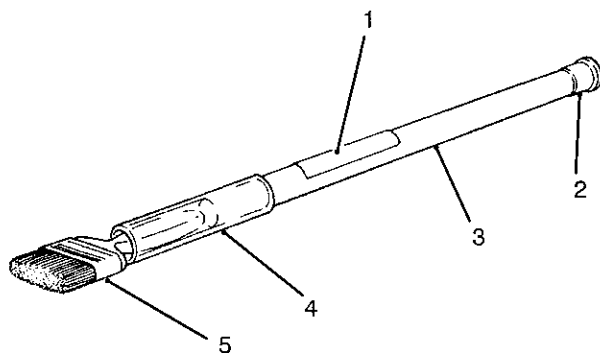
BEARING REPLACEMENT TOOL KIT NO. TOR238900



T-0730

Ref. No.	Part No.	Description	No. Used
1	23-8880	Driver – Bearing	2
2	3219-18	Nut – Hex.	1
3	23-8840	Puller – Bolt	1
4	22-6090	Washer – Thrust	1
5	23-8850	Tube – Support	1
6	23-8860	Pin – Bearing Rplcmnt.	1

BACKLAPPING BRUSH ASSEMBLY NO. 29-9100



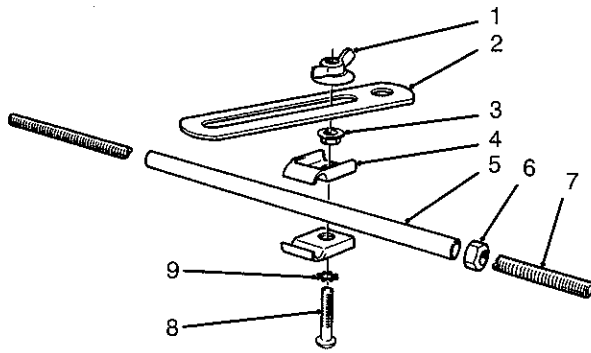
T-0731

Ref. No.	Part No.	Description	No. Used
1	12-9140	Decal	1
2	2410-18	Plug	1
3	29-9080	Handle	1
4	29-9090	Hose – Handle	1
5	36-4310	Brush	1

Note: Special tools may be ordered from: Owatonna Tool Company 2013 4th St. NW Owatonna, MN 55060

SPECIAL TOOLS (Continued)

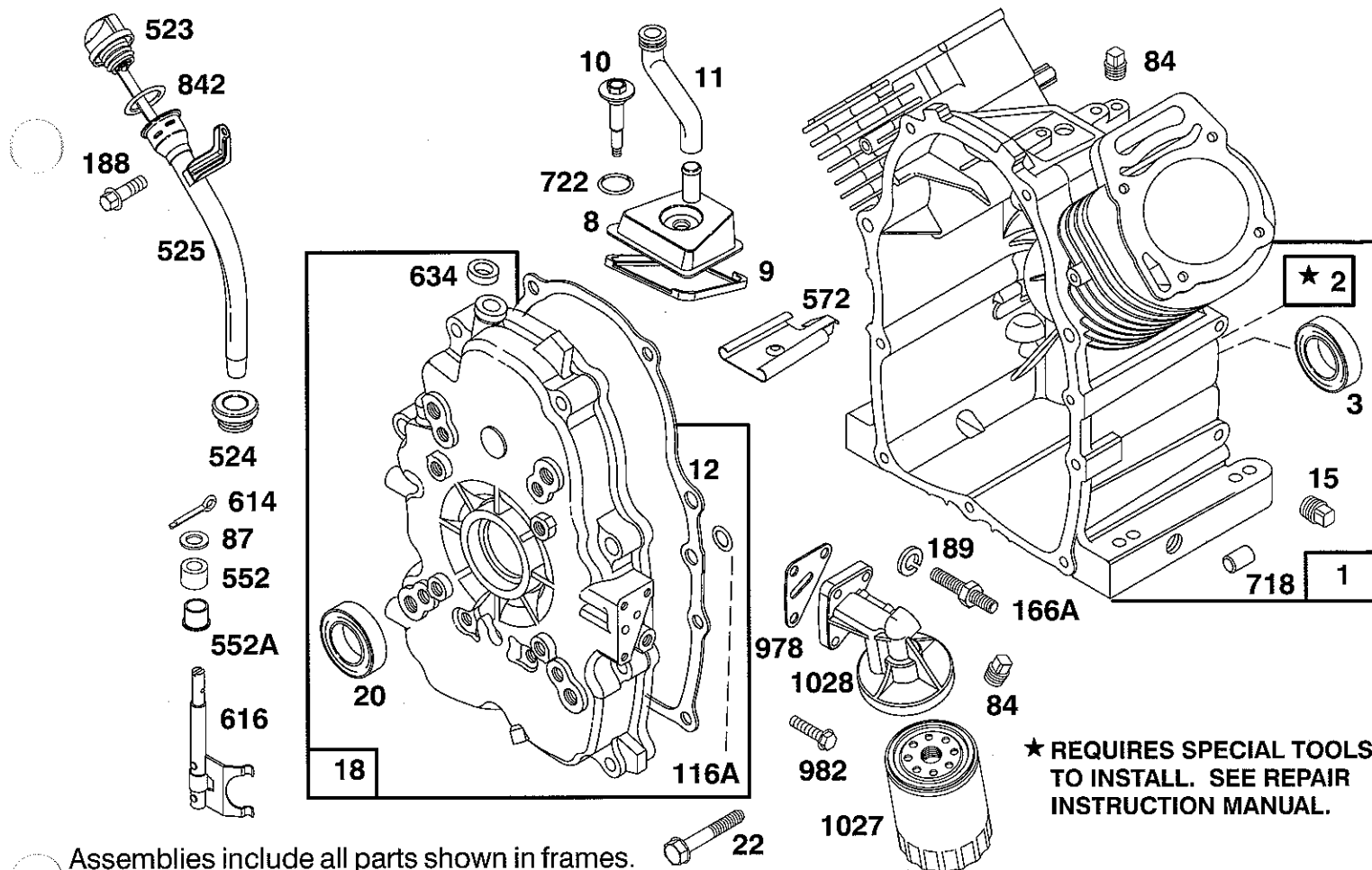
ALIGNMENT TOOL NO. TOR200120



T-0732

Ref. No.	Part No.	Description	No. Used
1	3-4808	Nut - Wing	1
2	20-0110	Bracket - Alignment	1
3	32128-20	Nut - Lock, Flange	1
4	3-6657	Clip - Skid	2
5	20-0070	Tube	1
6	3219-2	Nut - Hex.	1
7	20-0080	Rod	1
8	32122-35	Screw - Truss Head	1
9	3255-8	Washer - Lock, Int. Tooth	1

Note: Special tools may be ordered from: Owatonna Tool Company
2013 4th St. NW
Owatonna, MN 55060



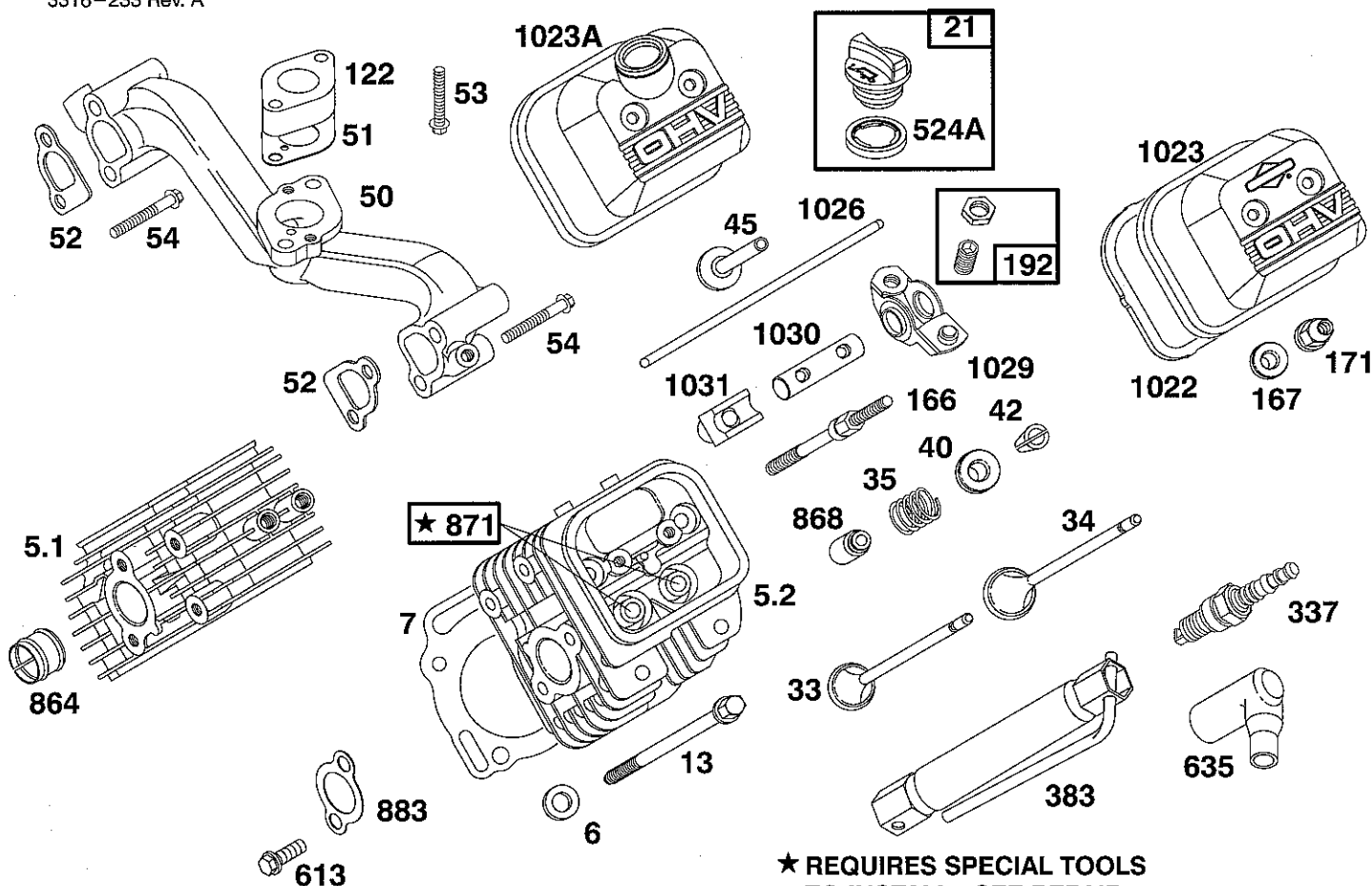
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
1	807521	Cylinder Assembly	
2	805107	Bearing - Cylinder	
*3	805101	Seal - Oil	
8	807795	Breather Assembly	
*9	805379	Gasket - Breather	
10	805751	Screw - Hex. Washer Head	
11	805362	Tube - Breather	
*12	805112	Gasket - Crankcase Cover	
15	805048	Plug - Oil Drain	
18	807628	Cover Assembly - Crankcase	
*20	805049	Seal - Oil	
22	805696	Screw - Crankcase Cover	
84	91488	Plug - Pipe	
*87	805054	Seal - Governor Shaft	
*116A	805198	O-Ring (Crankcase Cover)	
166A	805073	Stud - Oil Filter Adapter	
188	805247	Screw - Hex. Head	

Ref. No.	Part No.	Description	No. Used
189	805449	Lockwasher	
523	807977	Dipstick	
*524	805259	Seal - Filler Tube	
525	807584	Tube - Oil Filler	
552	805412	Bushing - Governor Shaft	
552A	805413	Bushing - Governor Shaft	
572	805197	Baffle - Breather	
614	805417	Pin - Cotter	
616	807596	Fork - Governor	
634	805416	Washer - Governor Shaft	
718	805103	Dowel - Crankcase	
*722	805483	Seal - Breather Screw	
*842	805386	O-Ring	
*978	805250	Gasket - Oil Filter Adapter	
982	805030	Screw	
1027	491056	Filter - Oil	
1028	805292	Adapter - Oil Filter	

*Included in Gasket Set - Part No. 807989.



Assemblies include all parts shown in frames.

**★ REQUIRES SPECIAL TOOLS
TO INSTALL. SEE REPAIR
INSTRUCTION MANUAL.**

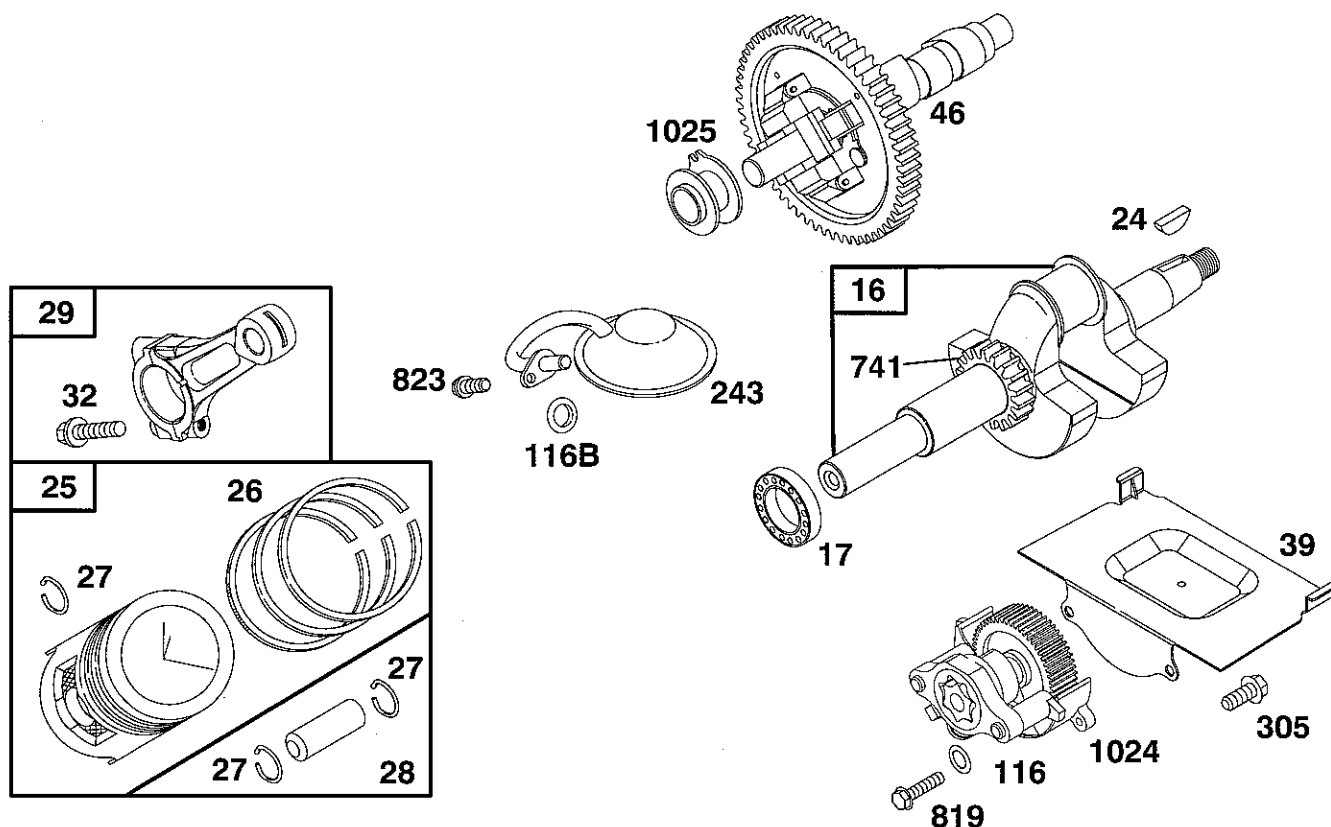
ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
5.1	807987	Head – Cylinder (Cyl. #1)	
5.2	807988	Head – Cylinder (Cyl. #2)	
‡6	805193	Washer – Cylinder Head	
‡*7	807986	Gasket – Cylinder Head	
13	805097	Screw – Cylinder Head	
21	491832	Plug – Oil Fill (Cyl. #1)	
33	805089	Valve – Exhaust	
34	805090	Valve – Intake	
35	805078	Spring – Valve	
40	805092	Retainer – Valve Spring	
42	805161	Retainer – Valve	
45	805354	Tappet – Valve	
50	805772	Manifold – Intake	
*51	805264	Gasket – Carburetor Mtg.	
‡*52	805023	Gasket – Intake Manifold	
53	805466	Screw	
54	805006	Screw	
122	805328	Spacer – Carburetor	
166	805343	Stud – Rocker Arm	
‡*167	805420	Washer – Valve Cover	
‡171	805019	Nut – Nylock	

Ref. No.	Part No.	Description	No. Used
192	807623	Screw – Valve Adjustment (Incl. Jam Nut)	
337	496018	Plug – Spark	
383	19374	Wench – Spark Plug	
†*524A	271983	Seal – Filler Plug	
613	805158	Screw	
635	805529	Elbow – Spark Plug	
864	805083	Liner – Exhaust Port	
868	805094	Seal – Valve Guide	
871	805084	Guide – Valve	
†*883	805024	Gasket – Exhaust Manifold	
†*1022	805028	Gasket – Valve Cover	
1023	805100	Cover – Valve	
1023A	808032	Cover – Valve Used on Cylinder #1.	
1026	805352	Rod – Push Note: 805617 Rod – Push Used on Exhaust Side Only.	
1029	807557	Arm – Rocker	
1030	805342	Shaft – Rocker Arm	
1031	805341	Support – Rocker Arm	

*Included in Gasket Set — Part No. 807989.

‡Included in Valve Overhaul Kit – Part No. 807990.



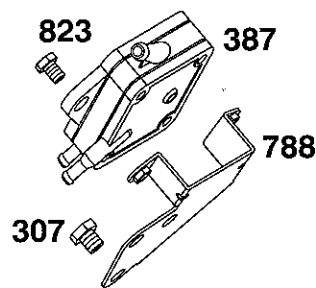
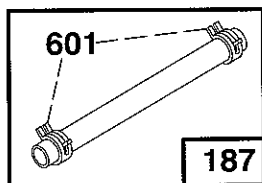
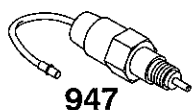
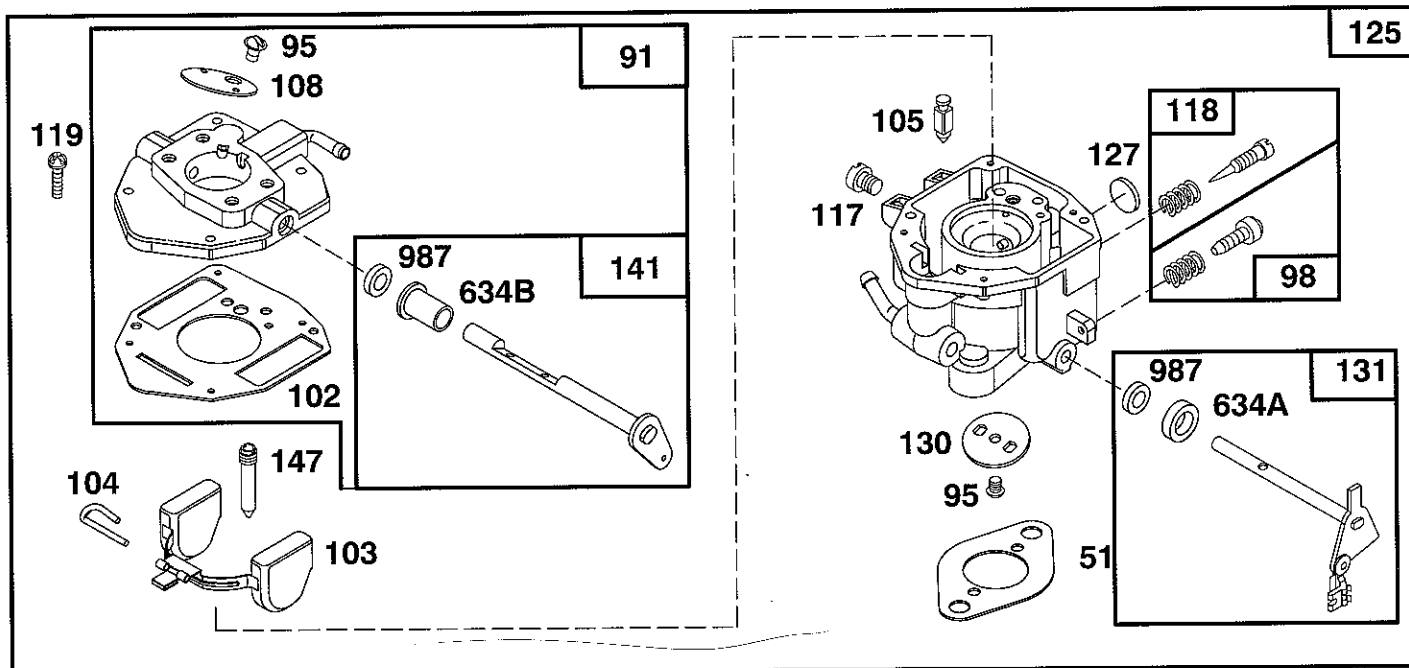
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
16	807589	Crankshaft Note: To Replace Crankshaft Gear Key - Order Part No. 94196. 807625 Thrust Washer	
17	805754	Bearing - Ball	
24	805016	Key - Flywheel	
25	807619	Piston Assembly (Standard)	
	807807	Piston Assembly .010 O.S.	
	807809	Piston Assembly .020 O.S.	
	807811	Piston Assembly .030 O.S.	
26	807620	Ring Set - Piston (Standard)	
	807808	Ring Set - Piston .010 O.S.	
	807810	Ring Set - Piston .020 O.S.	
	807812	Ring Set - Piston .030 O.S.	
27	805099	Lock - Piston Pin	
28	807621	Piston Pin Assembly	

Ref. No.	Part No.	Description	No. Used
29	807900	Connecting Rod Assembly Note: For Connecting Rod With .020" Undersize Crankpin Bore - Order Part No. 807803.	
32	805395	Screw - Connecting Rod	
39	805654	Plate - Windage	
46	807542	Gear - Cam	
*116	805058	O-Ring (Oil Pump)	
*116B	805316	O-Ring (Pick - Up Tube)	
243	807598	Screen - Oil Pump Pick-Up	
305	805406	Screw	
741	805675	Gear - Timing	
819	805057	Screw	
823	805317	Screw - Mounting	
1024	807644	Oil Pump Assembly	
1025	805313	Slider - Governor	

*Included in Gasket Set - Part No. 807989.



Assemblies include all parts shown in frames.

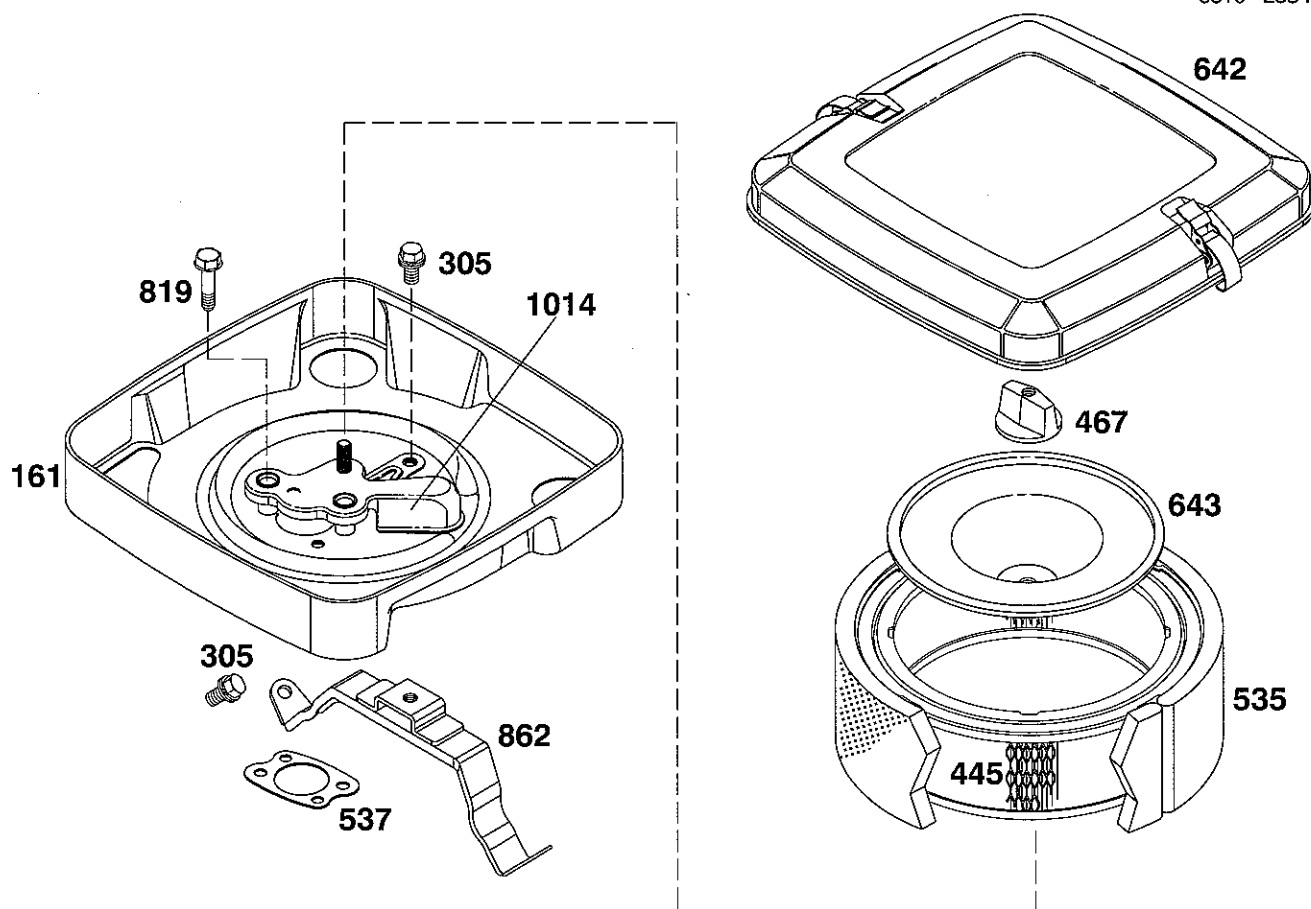
ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
*51	805700	Gasket - Carburetor Mtg.	
91	807919	Body - Upper Carburetor	
95	805538	Screw - Valve Mtg.	
98	807718	Screw - Throttle Adj.	
†102	805541	Gasket - Intake Elbow	
103	805546	Float Assembly	
†104	805545	Pin - Float Hinge	
†105	805547	Valve - Fuel Inlet	
108	805539	Valve - Choke	
†117	805853	Jet - Main	
†118	807719	Valve - Idle Adjusting Needle	
119	805540	Screw - Upper Body Mtg.	
125	807918	Carburetor Assembly	
†127	805559	Plug - Welch	

Ref. No.	Part No.	Description	No. Used
130	805554	Valve - Throttle	
131	807720	Shaft - Throttle	
141	807722	Shaft - Choke	
†147	805553	Jet - Slow Speed	
187	393815	Hose - Fuel (Cut to Suit)	
307	805025	Screw	
387	491922	Pump - Fuel	
601	93053	Clamp - Hose	
†634A	805557	Collar - Throttle	
†634B	805543	Collar - Choke	
788	807685	Bracket - Fuel Pump	
823	805317	Screw - Mounting	
947	807664	Solenoid	
†987	805544	Seal - Shaft	

†Included in Carburetor Kit - Part No. 807726.

*Included in Gasket Set - Part No. 807989.



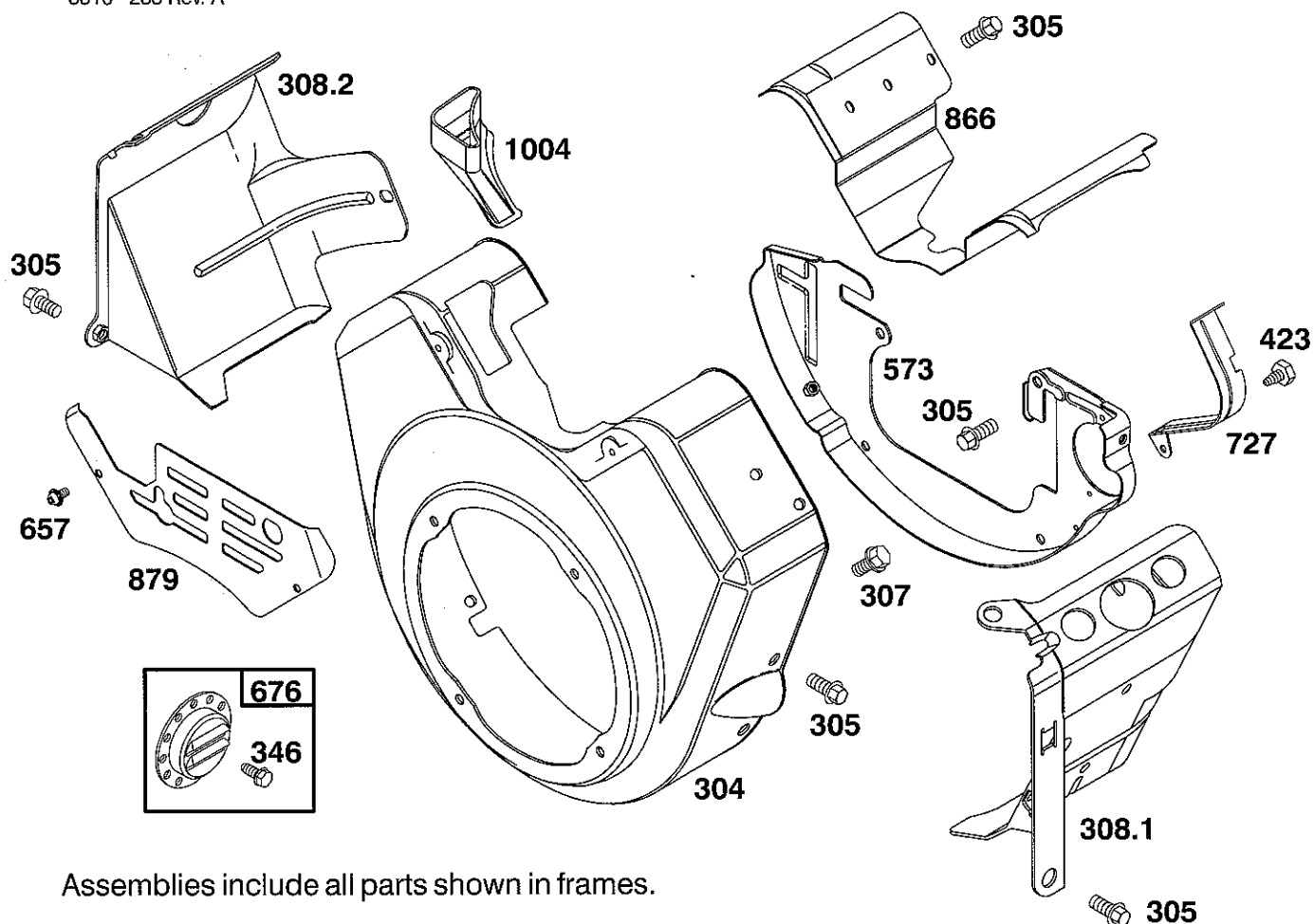
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
161	807857	Base Assy. - Air Cleaner	
305	805406	Screw	
445	394018	Cartridge - Air Cleaner	
467	491875	Knob - Air Cleaner	
535	272490	Element - Foam	
*537	805655	Gasket - Air Cleaner	

Ref. No.	Part No.	Description	No. Used
642	807862	Cover Assy. - Air Cleaner	
643	805631	Plate - Air Cleaner	
819	805057	Screw	
862	807796	Bracket - Air Cleaner	
1014	807797	Carburetor Inlet Shield Assy.	

*Included in Gasket Set - Part No. 807989.

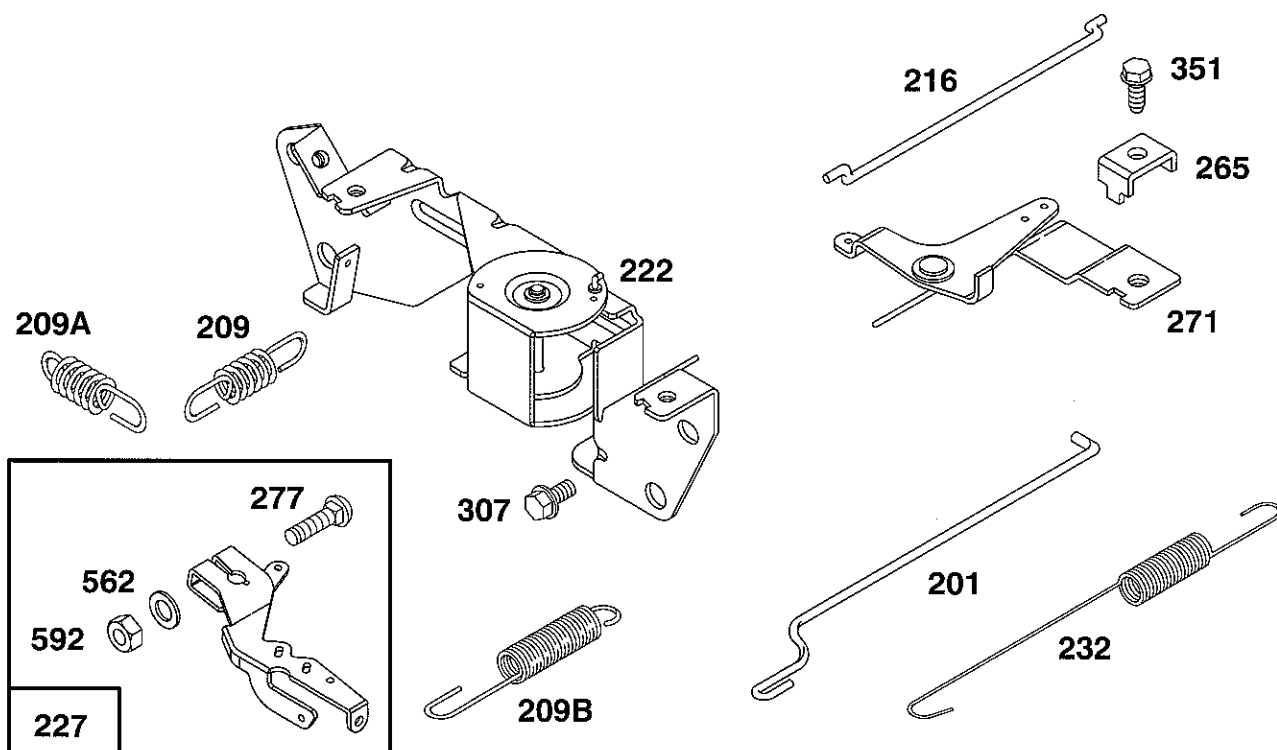


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
304	807898	Housing - Blower	
305	805406	Screw	
307	805025	Screw	
308.1	807868	Cover - Air Guide (Cyl. #1)	
308.2	807869	Cover - Air Guide (Cyl. #2)	
346	93705	Screw	
423	805260	Screw	

Ref. No.	Part No.	Description	No. Used
573	807663	Back Plate Assembly	
657	805009	Screw	
676	397630	Deflector-Exhaust	
727	805505	Shield - Starter	
866	805738	Valley Cover - Air Guide	
879	805841	Cover - Carburetor	
1004	805632	Tube - Air Inlet	

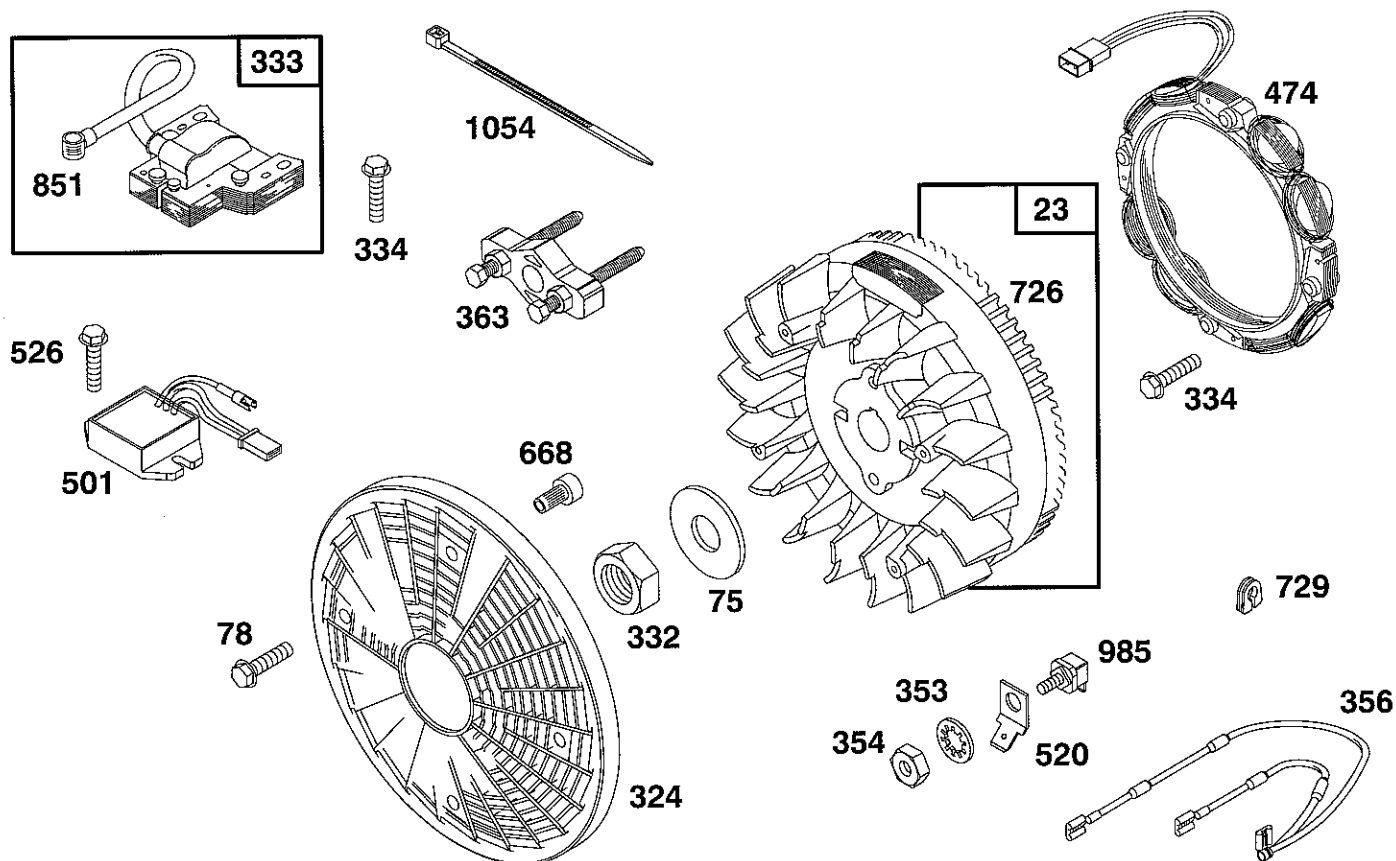


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
201	805480	Link - Governor	
209	805464	Spring - Governor	
209A	805453	Spring - Governed Idle	
209B	805450	Spring - Governed Idle (Secondary)	
216	805439	Link - Choke	
222	807610	Bracket - Governor Control	
227	807528	Lever Assembly - Governor	

Ref. No.	Part No.	Description	No. Used
232	805465	Spring - Governor Link	
265	221535	Clamp - Casing	
271	807609	Bracket - Choke Control	
277	805018	Washer	
307	805025	Screw	
351	805169	Screw - Hex. Head	
562	805381	Bolt	
592	805383	Nut - Hex.	

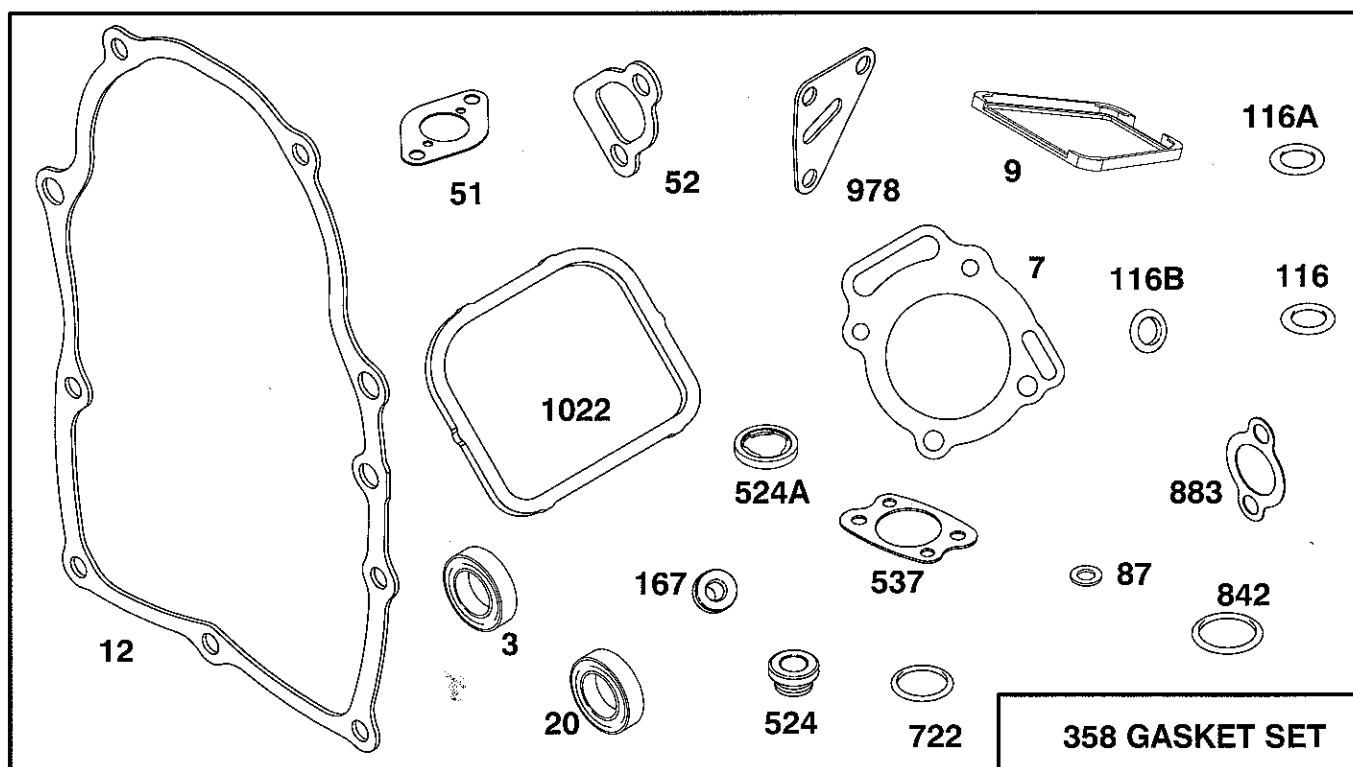


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
23	808128	Flywheel	
75	805007	Washer - Spring	
78	805447	Screw	
324	280829	Screen - Rotating	
332	805021	Nut - Hex	
333	492341	Armature - Magneto	
334	805407	Screw - Mounting	
353	92791	Lockwasher (Internal Tooth)	
354	90576	Nut - Hex.	
356	493792	Wire Assy.	
363	19203	Puller - Flywheel	

Ref. No.	Part No.	Description	No. Used
474	393295	Stator - Alternator	
501	394890	Regulator - Alternator	
520	93722	Terminal - Ground	
526	805448	Screw - Mtg.	
668	805402	Spacer	
726	808162	Gear - Flywheel Ring	
729	805641	Grommet	
851	221798	Terminal - Ignition Cable	
985	398525	Insulator	
1054	280275	Tie - Cable	



Assemblies include all parts shown in frames.

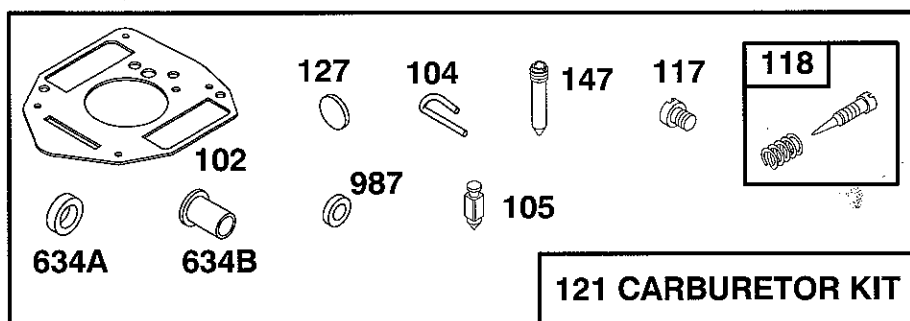
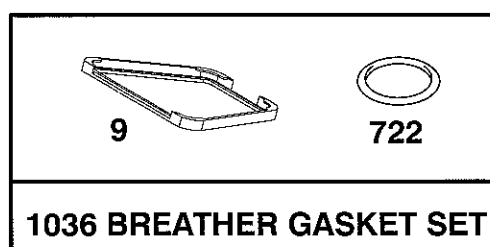
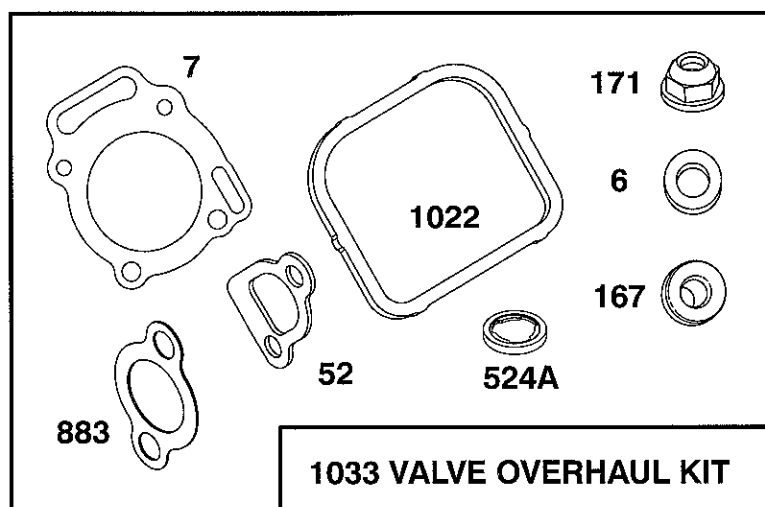
ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
*3	805101	Seal - Oil	
*‡7	807986	Gasket - Cylinder Head	
*9	805379	Gasket - Breather	
*12	805112	Gasket - Crankcase Cover	
*20	805049	Seal - Oil	
*51	805264	Gasket - Carburetor Mtg.	
*‡52	805023	Gasket - Intake Manifold	
*87	805054	Seal - Governor Shaft	
*116	805058	O-Ring (Oil Pump)	
*116A	805198	O-Ring (Crankcase Cover)	
*116B	805316	O-Ring (Pick - Up Tube)	

Ref. No.	Part No.	Description	No. Used
‡*167	805420	Washer - Valve Cover	
358	807989	Gasket Set	
*524	805259	Seal - Filler Tube	
‡*524A	271983	Seal - Filler Plug	
*537	805655	Gasket - Air Cleaner	
*722	805483	Seal - Breather Screw	
‡*842	805386	O-Ring	
*883	805024	Gasket - Exhaust Manifold	
*978	805250	Gasket - Oil Filter Adapter	
‡*1022	805028	Gasket - Valve Cover	

*Included in Gasket Set - Part No. 807989.

‡Included in Valve Overhaul Kit - Part No. 807990.



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
‡6	805193	Washer – Cylinder Head	
*‡7	807986	Gasket – Cylinder Head	
*9	805379	Gasket – Breather	
*‡52	805023	Gasket – Carburetor Mtg.	
†102	805541	Gasket – Intake Elbow	
†104	805545	Pin – Float Hinge	
†105	805547	Valve – Fuel Inlet	
†117	805548	Jet – Main	
†118	807719	Valve – Idle Adjusting Needle	
121	807726	Carburetor Kit	
†127	805559	Plug – Welch	

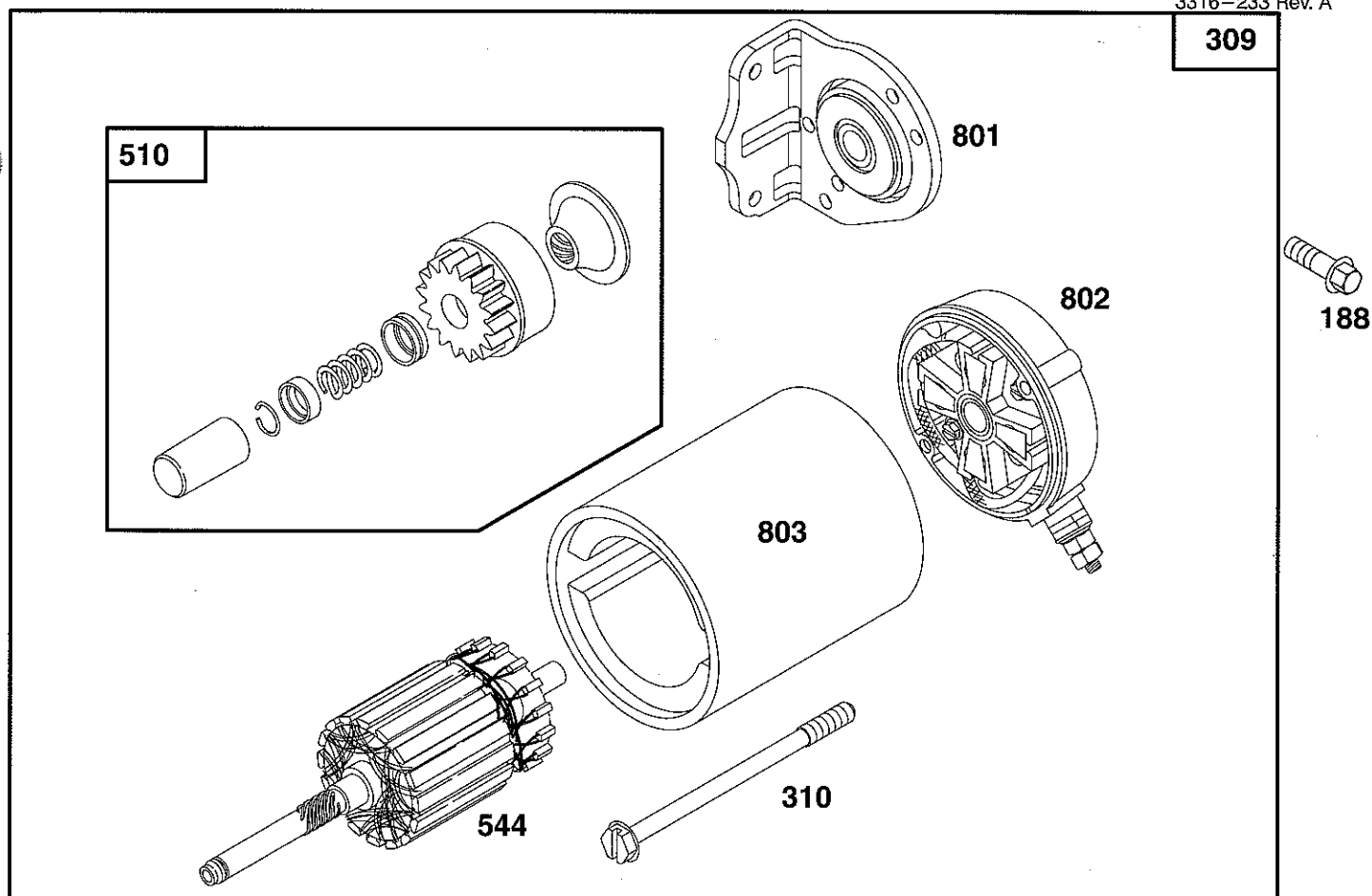
Ref. No.	Part No.	Description	No. Used
†147	805553	Jet – Slow Speed	
*‡167	805420	Washer – Valve Cover	
‡171	805019	Nut – Nylock	
‡*524A	271983	Seal – Filler Plug	
†634A	805557	Collar – Throttle	
†634B	805543	Collar – Choke	
*722	805483	Seal – Breather Screw	
*‡883	805024	Gasket – Exhaust Manifold	
†987	805544	Seal – Shaft	
*‡1022	805028	Gasket – Valve Cover	
1033	807990	Overhaul Kit – Valve	
1036	807688	Gasket Set – Breather	

*Included in Gasket Set – Part No. 807989.

†Included in Carburetor Kit – Part No. 807726.

‡Included in Valve Overhaul Kit – Part No. 807990.

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Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0479-01

Ref. No.	Part No.	Description	No. Used
188	805247	Screw - Hex. Head	
309	808106	Motor - Starting	
310	496880	Bolt - Thru	
510	496881	Drive - Starter	
544	496816	Armature - Starter	

Ref. No.	Part No.	Description	No. Used
801	496814	Cap Assy. - Drive	
802	496813	Cap Assy. - Commutator	
		Includes: 496887 Brush Set	
803	496815	Housing - Starter	

INTERNATIONAL DECAL CROSS REFERENCE

JAPANESE DECAL KIT NO. 83-2600

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	JAPANESE
Plate Control	Upper Control Panel	83-0850	83-2570
Decal ANSI	Rear of Frame	N/A	84-3020
Decal Parking Brake	Footrest Plate	27-2830	83-2480
Decal Hydraulic Oil	Seat Back	58-6530	84-3180
Decal Warning	Cutting Unit Pull Frames	62-5070	84-6560
Panel Engine RPM	Engine Air Cleaner Cover	71-3620	83-2550
Decal Hot Surface	Engine Blower Housing	63-8440	83-2560
Decal Traction Speed	Lower Control Panel	83-2260	83-2500
Decal Warning	Steering Valve Support	83-1790	83-2520
Decal Traction	Right Side Cover	83-1850	83-2540
Decal Mow / Lift	Footrest Plate	51-0050	83-2530
Decal Service	Seat Back	83-1780	83-2490
Decal Steering Arm	Steering Arm	83-2050	83-2510

SWEDISH DECAL KIT NO. 83-2640

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	SWEDISH
Plate Control	Upper Control Panel	83-0850	N/A
Decal ANSI	Rear of Frame	N/A	84-2950
Decal Parking Brake	Footrest Plate	27-2830	84-9220
Decal Hydraulic Oil	Seat Back	58-6530	84-3110
Decal Warning	Cutting Unit Pull Frames	62-5070	84-6590
Panel Engine RPM	Engine Air Cleaner Cover	71-3620	84-9570
Decal Hot Surface	Engine Blower Housing	63-8440	84-9620
Decal Traction Speed	Lower Control Panel	83-2260	84-9320
Decal Warning	Steering Valve Support	83-1790	84-9420
Decal Traction	Right Side Cover	83-1850	84-9520
Decal Mow / Lift	Footrest Plate	51-0050	84-9470
Decal Service	Seat Back	83-1780	84-9270
Decal Steering Arm	Steering Arm	83-2050	84-9370

INTERNATIONAL DECAL CROSS REFERENCE (Cont.)

ITALIAN DECAL KIT NO. 83-2650

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	ITALIAN
Plate Control	Upper Control Panel	83-0850	N/A
Decal ANSI	Rear of Frame	N/A	84-2990
Decal Parking Brake	Footrest Plate	27-2830	84-9230
Decal Hydraulic Oil	Seat Back	58-6530	84-3150
Decal Warning	Cutting Unit Pull Frames	62-5070	84-6550
Panel Engine RPM	Engine Air Cleaner Cover	71-3620	84-9580
Decal Hot Surface	Engine Blower Housing	63-8440	84-9630
Decal Traction Speed	Lower Control Panel	83-2260	84-9330
Decal Warning	Steering Valve Support	83-1790	84-9430
Decal Traction	Right Side Cover	83-1850	84-9530
Decal Mow / Lift	Footrest Plate	51-0050	84-9480
Decal Service	Seat Back	83-1780	84-9280
Decal Steering Arm	Steering Arm	83-2050	84-9380

GERMAN DECAL KIT NO. 83-2630

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	GERMAN
Plate Control	Upper Control Panel	83-0850	N/A
Decal ANSI	Rear of Frame	N/A	84-2970
Decal Parking Brake	Footrest Plate	27-2830	84-9210
Decal Hydraulic Oil	Seat Back	58-6530	84-3130
Decal Warning	Cutting Unit Pull Frames	62-5070	85-6540
Panel Engine RPM	Engine Air Cleaner Cover	71-3620	84-9560
Decal Hot Surface	Engine Blower Housing	63-8440	84-9610
Decal Traction Speed	Lower Control Panel	83-2260	84-9310
Decal Warning	Steering Valve Support	83-1790	84-9410
Decal Traction	Right Side Cover	83-1850	84-9510
Decal Mow / Lift	Footrest Plate	51-0050	84-9460
Decal Service	Seat Back	83-1780	84-9260
Decal Steering Arm	Steering Arm	83-2050	84-9360

INTERNATIONAL DECAL CROSS REFERENCE (Cont.)

SPANISH DECAL KIT NO. 83-2610

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	SPANISH
Plate Control	Upper Control Panel	83-0850	N/A
Decal ANSI	Rear of Frame	N/A	84-2980
Decal Parking Brake	Footrest Plate	27-2830	84-9190
Decal Hydraulic Oil	Seat Back	58-6530	84-3140
Decal Warning	Cutting Unit Pull Frames	62-5070	85-6580
Panel Engine RPM	Engine Air Cleaner Cover	71-3620	84-9540
Decal Hot Surface	Engine Blower Housing	63-8440	84-9590
Decal Traction Speed	Lower Control Panel	83-2260	84-9290
Decal Warning	Steering Valve Support	83-1790	84-9390
Decal Traction	Right Side Cover	83-1850	84-9490
Decal Mow / Lift	Footrest Plate	51-0050	84-9440
Decal Service	Seat Back	83-1780	84-9240
Decal Steering Arm	Steering Arm	83-2050	84-9340

FRENCH DECAL KIT NO. 83-2620

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	FRENCH
Plate Control	Upper Control Panel	83-0850	N/A
Decal ANSI	Rear of Frame	N/A	84-2960
Decal Parking Brake	Footrest Plate	27-2830	84-9200
Decal Hydraulic Oil	Seat Back	58-6530	84-3120
Decal Warning	Cutting Unit Pull Frames	62-5070	85-6530
Panel Engine RPM	Engine Air Cleaner Cover	71-3620	84-9550
Decal Hot Surface	Engine Blower Housing	63-8440	84-9600
Decal Traction Speed	Lower Control Panel	83-2260	84-9300
Decal Warning	Steering Valve Support	83-1790	84-9400
Decal Traction	Right Side Cover	83-1850	84-9500
Decal Mow / Lift	Footrest Plate	51-0050	84-9450
Decal Service	Seat Back	83-1780	84-9250
Decal Steering Arm	Steering Arm	83-2050	84-9350

TORO PART NUMBER INDEX

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-0348	Bushing - Sleeve	3 11 6	28-3680	Tire	8 2 2
3-0348	Bushing - Sleeve	4 14 6	28-3680	Tire	29 9 1
3-0348	Bushing - Sleeve	6 22 6	28-4210	Solenoid - Starter	20 5 1
3-1506	Bushing - Flange	3 16 4	28-7890	Module - Interlock	21 26 1
3-1506	Bushing - Flange	4 30 4	28-8080	Boot Terminal	20 13 1
3-1506	Bushing - Flange	6 38 4	29-9080	Handle	33 3 1
3-4808	Nut - Wing	34 1 1	29-9090	Hose - Handle	33 4 1
3-6657	Clip - Skid	34 4 2	36-4310	Brush	33 5 1
3-6685	Spring - Compression	19 17 1	38-0410	Nut - Hex.	14 53 1
5-0946	Key - Square	27 12 1	38-0410	Nut - Hex.	16 59 1
5-0946	Key - Square	28 16 1	39-9600	Clamp - Mounting	21 9 1
5-1226	Washer - Shim	3 10 2	42-2680	Race R. Detent	13 46 1
5-1226	Washer - Shim	4 16 2	43-2830	Nut - Hex	26 33 1
5-1226	Washer - Shim	6 24 2	43-5220	Ring - Retaining	7 10 1
5-3934	Bolt - Castor	29 20 1	43-5230	Shaft & Clevis	7 11 1
8-7710	Ball Joint Receiver Assy.	4 4 2	43-5930	Washer - Lock	26 25 2
8-7710	Ball Joint Receiver Assy.	6 4 2	43-8600	Spring - Compression	19 21 1
8-7710	Ball Joint Receiver Assy.	3 25 2	43-8610	Seat - Ball	19 20 1
10-6060	Pin - Lift Cylinder	3 7 1	43-8620	Guide - Switch	19 23 1
10-6060	Pin - Pivot	4 19 1	43-8860	Plunger - Switch	19 22 1
10-6090	Pin - Pivot	4 33 1	43-8870	Boot - Switch	19 26 1
10-6090	Pin - Pivot	3 37 1	43-9071	Seat Switch Assembly	19 * 1
10-6090	Pin - Pivot	6 41 1	44-0870	Shaft - Cam	10 5 1
10-6110	Pin - Hinge	3 3 1	44-2230	Coupling - Rubber	27 16 1
10-6110	Pin - Pivot	4 24 1	44-5560	Head - Oil Filter	20 27 1
10-6821	Brake Drum Assembly	8 * 2	46-8560	Screw - Self Taping	20 20 3
10-6830	Stud - Drive	29 17 4	47-2890	Bushing - Sleeve	17 20 2
10-6850	Drum - Brake	8 6 2	47-5320	Lever - Control	10 40 1
10-6870	Hub - Wheel	8 5 2	47-6990	Nut - Steering Wheel	17 10 1
10-7070	Key - Square	27 20 1	48-7610	Screw - Cap Hex. Hd.	24 9 1
10-7820	Pivot Hinge Assembly	3 12 1	48-7620	Screw - Cap Hex. Hd.	26 36 1
10-7820	Pivot Hinge Assembly	4 25 1	49-5430	Rod - Control	10 1 1
10-7820	Pivot Hinge Assembly	6 33 1	49-5430	Rod - Control	1 4 1
10-7850	Latch - Parking Brake	1 23 1	49-5880	Shaft - Seat Support	19 27 1
10-7880	Hinge - Upper	1 8 1	49-6110	Guard - Transfer Rod	1 6 1
10-7890	Hinge - Lower	1 22 1	49-6120	Pad - Footrest	1 13 1
10-8100	Strap - Brake Shaft	1 31 2	49-6170	Pad - Brake	2 49 1
10-8110	Washer - Thrust	3 9 6	49-6200	Lever - Cutting Control	2 42 1
10-8110	Washer - Thrust	4 15 6	49-6220	Bracket - Control Arm	10 9 1
10-8110	Washer - Thrust	6 23 6	49-6250	Bracket - Traction Pivot	10 35 1
10-8140	Spring - Torsion	1 7 1	49-6260	Pivot - Traction	10 21 1
10-8240	Pad - Lift	2 37 1	49-6290	Shaft - Traction Pivot	10 37 1
10-8250	Pad - Mow	2 39 1	49-6440	Pedal - Forward	10 42 1
11-0160	Roller Shaft Screw Assy.	3 14 2	51-0050	Decal - Mow/Lift	1 14 1
11-0160	Roller Shaft Screw Assy.	4 28 2	51-0350	Pin - Seat Spring	19 16 1
11-0160	Roller Shaft Screw Assy.	6 36 2	51-0780	Slider - Seat	19 31 1
12-3270	Screw - Hex. Washer Hd.	10 38 1	51-0790	Adjuster - Seat	19 6 1
12-3270	Screw - Thread Forming	12 50 1	52-1990	Piston	5 3 1
12-9140	Decal	33 1 1	52-2720	Roller Assembly	3 20 1
18-6320	Washer - Steering	29 7 3	52-2720	Roller Assembly	4 35 1
20-0070	Tube	34 5 1	52-2720	Roller Assembly	6 43 1
20-0080	Rod	34 7 1	52-5860	Collar - Spool	16 51 1
20-0110	Bracket - Alignment	34 2 1	52-5880	Ball - Steel	13 47 12
21-8470	Shaft - Roller	3 21 1	52-5900	Screw - Fillister Hd.	15 37 4
21-8470	Shaft - Roller	4 36 1	52-9230	Ring - Retaining	18 2 1
21-8470	Shaft - Roller	6 44 1	52-9260	Screw - Set	18 26 1
22-6090	Washer - Thrust	33 4 1	52-9270	Seat - Ball Check	18 24 1
23-8840	Puller - Bolt	33 3 1	52-9280	Ball - Check	18 22 1
23-8850	Tube - Support	33 5 1	52-9290	Retainer - Ball Check	18 21 1
23-8860	Pin - Bearing Rplcmnt.	33 6 1	56-2230	Hose - Fuel	24 17 1
23-8880	Driver - Bearing	33 1 2	56-7720	Bolt - Battery	20 17 2
26-3790	Nut - Lock	8 4 2	56-7970	Clamp Half - Tube	2 45 2
27-1960	Hub - Engine	27 21 1	57-6140	Clamp Half - Tube	8 20 2
27-1970	Hub - Pump	27 22 1	57-6220	Link	10 17 5
27-2270	Rod - Brake Adjusting	1 29 2	57-7650	Spring - Torsion	4 11 1
27-2320	Bearing - Flange	10 7 2	57-7650	Spring - Torsion	6 18 1
27-2320	Bearing - Flange	1 33 2	57-7650	Spring - Torsion	3 32 1
27-2380	Spacer	20 32 2	58-6520	Decal - Grease	29 36 2
27-2540	Spacer - Hub	6 31 1	58-6530	Decal - Hydraulic Oil	19 33 1
27-2550	Pin - Pivot	6 27 1	59-6730	Race - Bearing	18 8 2
27-2830	Decal - Parking Brake	1 9 1	59-6740	Bearing - Needle Thrust	18 9 1
27-6600	Spacer - Coupling	27 15 4	59-6830	Centering Pin Kit	18 20 1
28-1400	Battery	20 11 1	61-3310	Plate - Logo	20 21 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
62-2390	Bar - Lift L.H.	3	30	1	74-3570	Filter - Hydraulic Oil	20	29	1
62-2420	Bar - Lift	6	8	1	74-3730	Spacer - Hub	29	11	2
62-2420	Bar - Lift	4	9	1	74-3830	Hose - Hydraulic	31	12	1
62-2440	Lift Arm Assembly	4	8	1	74-3830	Hose - Hydraulic	11	28	1
62-2460	Lift Arm Assembly L.H.	3	29	1	74-9100	Pad - Forward Pedal	10	25	1
62-5070	Decal - Danger	3	13	1	74-9110	Pad - Reverse Pedal	10	23	1
62-5070	Decal - Danger	4	3	1	75-0540	Tether - Cap	23	9	1
62-5070	Decal - Danger	6	3	1	75-9440	Hub - Wheel	29	15	1
63-3810	Hose - Hydraulic	31	1	1	75-9990	Motor - Hydraulic	8	22	2
63-3820	Hose - Hydraulic	31	2	1	76-0800	Seal Kit	9	*	1
63-3830	Hose - Hydraulic	31	13	1	76-0810	Housing Assembly	9	*	1
63-3840	Hose - Hydraulic	31	5	1	76-0840	Manifold	9	22	1
63-3840	Hose - Hydraulic	11	36	1	76-0850	Bearing - Thrust	9	12	1
63-3850	Hose - Hydraulic	11	31	1	76-0860	Shaft - Coupling	9	11	1
63-3850	Hose - Hydraulic	3	39	1	76-0870	Plate - Wear	9	18	1
63-3870	Hose - Hydraulic	31	16	1	76-0880	Commutator Assembly	9	*	1
63-3880	Hose - Hydraulic	11	18	1	76-0940	End Cover Assembly	9	24	1
63-3880	Hose - Hydraulic	11	29	1	76-0960	Link - Drive	9	13	7
63-3880	Hose - Hydraulic	4	40	2	76-0970	Rotor Set	9	*	1
63-4020	Tube - Hydraulic	31	17	1	76-1010	Screw - Cap Hex. Hd.	9	14	1
63-4020	Tube - Hydraulic	11	40	1	76-1850	Clevis	5	13	1
63-4030	Tube - Hydraulic	31	18	1	76-1860	Shaft	5	6	1
63-4030	Tube - Hydraulic	11	41	1	77-0480	Screw - Traction Stop	10	34	1
63-4040	Hydraulic Tube Assembly	31	4	1	80-9330	Audio Alarm Assembly	21	25	1
63-4040	Tube - Hydraulic	11	35	1	83-0010	Engine Assembly	26	15	1
63-4050	Fitting - Tee	11	42	2	83-0020	Ignition Switch Assembly	21	14	1
63-8360	Key - Ignition	21	17	1	83-0030	Control - Throttle	21	12	1
63-8410	Washer - Flat	24	4	4	83-0040	Control - Choke	21	13	1
63-8410	Washer - Flat	23	36	3	83-0060	Lift - Pivot	1	26	1
63-8440	Decal - Warning Hot	26	34	1	83-0080	Spring - Torsion	1	25	1
63-8750	Pin - Pivot	6	9	1	83-0140	Pedal - Mow	2	38	1
63-8750	Pin - Pivot	4	10	1	83-0160	Shaft - Brake	2	48	1
63-8750	Pin - Pivot	3	33	1	83-0190	Cover - R.H.	8	18	1
65-4860	Head	5	9	1	83-0200	Cover - L.H.	1	17	1
65-6390	Washer - Thrust	17	13	1	83-0220	Frame Assembly	20	18	1
66-2950	Gauge - Hourmeter	21	5	1	83-0540	Pedal - Traction	10	24	1
67-1300	Decal - TORO	20	39	1	83-0580	Rod - Traction Control	10	32	1
68-4940	Hydraulic Pump Assembly	27	9	1	83-0590	Traction Handle Assembly	10	12	1
68-5100	Rod - Seat Prop	19	10	1	83-0630	Arm - Traction Pivot	10	29	1
68-5130	Steering Wheel Assembly	17	11	1	83-0640	Plate - Footrest	1	12	1
68-5140	Cap - Steering Wheel	17	9	1	83-0650	Arm - Steering	17	3	1
68-5260	Fitting - Manifold Tee	11	37	1	83-0700	Handle - Lockup	17	18	1
68-5310	Clip - Seat Rod	19	12	1	83-0730	Spacer - Lockup	17	15	1
68-5380	Lift Arm Assembly	6	21	1	83-0740	Disc - Friction	17	14	2
68-5560	Pin - Cylinder Pivot	6	26	1	83-0750	Screw - Cap Hex. Hd. L.H.	17	6	1
68-5880	Hose - Hydraulic	20	30	1	83-0760	Plate - Lockup	17	16	1
68-6150	Breather	23	44	1	83-0780	Support - Steering Valve	17	4	1
69-9760	Plate - Cover	2	50	1	83-0810	Cover - Steering Valve	17	25	1
70-2770	Head	7	8	1	83-0820	Gauge - Ammeter	21	4	1
70-2780	Piston	7	4	1	83-0830	Panel - Control Upper	20	33	1
70-7130	Tube Assy.	11	3	1	83-0840	Fender - L.H.	20	19	1
70-7150	Hose - Hydraulic	12	48	1	83-0850	Plate - Control Panel	21	2	1
70-8130	Barrel	7	1	1	83-0870	Fitting - Hydraulic Straight	23	32	3
70-8250	Drive	18	16	1	83-0910	Hose - Hydraulic	23	30	2
70-8610	Hose - Hydraulic	12	51	1	83-0910	Hose - Pump	27	11	2
70-8631	Cap - Fuel	24	1	1	83-0930	Fork - Castor	29	19	1
70-8640	Cap - Hydraulic Reservoir	23	8	1	83-1030	Mount - Engine	26	4	3
70-9800	Reel Motor Assembly	31	8	3	83-1040	Washer - Mount	26	2	3
70-9840	Shoe - Brake	8	8	4	83-1050	Spacer - Mount	26	3	2
70-9850	Clip - Retaining	8	23	2	83-1060	Adapter - Pump	26	10	1
70-9860	Cam - Brake	8	27	2	83-1080	Pipe - Exhaust	26	7	1
70-9870	Plate - Backing	8	10	2	83-1100	Harness - Wire (Main)	22	1	1
70-9880	Spring - Return	8	7	4	83-1100	Harness - Wire (Main)	21	8	1
71-0990	Orifice	11	43	1	83-1110	Harness - Wire (Engine)	22	2	1
71-1500	Brake Assembly	8	*	2	83-1150	Wire - Engine Ground	22	5	1
71-1510	Arm - Brake	8	24	2	83-1160	Wire - Solenoid-Starter	22	3	1
71-3620	Decal - Engine RPM	26	13	1	83-1170	Hose - Hydraulic	11	22	1
72-3850	Seal - Filter	20	28	1	83-1170	Hose - Hydraulic	27	28	1
72-4320	Switch - Ball	19	18	1	83-1180	Hose - Hydraulic	11	6	1
72-4380	Seal Kit	32	*	1	83-1180	Hose - Hydraulic	27	8	1
72-4390	Repair Kit	32	*		83-1190	Hose - Hydraulic	27	1	2
72-4790	Hold-Down - Battery	20	16	1	83-1190	Hose - Hydraulic	11	10	2
74-0720	Tube - Manual	19	3	1	83-1200	Tube Assy.	11	5	1

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83-1270	Seat Support Assembly	19 7 1	83-2590	Bolt - Shoulder	2 47 1
83-1320	Filter - Fuel	24 13 1	83-7230	Hydraulic Cylinder Assembly	6 10 1
83-1350	Hose - Hydraulic	27 7 1	84-2000	Bracket - Brake	8 12 2
83-1350	Hose - Hydraulic	17 26 2	84-2202	Control Valve Assembly	16 * 1
83-1350	Hose - Hydraulic	29 28 1	84-2202	Control Valve Assembly	11 16 1
83-1350	Hose - Hydraulic	12 45 1	84-5300	Nut - Jam	29 5 1
83-1360	Hose - Hydraulic	17 27 1	85-6540	Stud - Drive	8 28 8
83-1360	Hose - Hydraulic	29 30 1	85-8120	Plate - Engine Mount	26 28 1
83-1370	Hose - Hydraulic	17 28 1	86-5360	Repair Kit	7 * 1
83-1390	Fitting - Fuel Shut-Off	24 15 1	86-5390	Seal Kit	5 * 1
83-1400	Shield - Muffler	26 16 1	86-9810	Frame - Pull L.H.	3 24 1
83-1420	Column - Steering	17 23 1	86-9820	Frame - Pull R.H.	4 1 1
83-1430	Hose - Hydraulic	20 23 1	86-9820	Frame - Pull Rear	6 1 1
83-1430	Hose - Hydraulic	23 34 1	88-9500	Needle Valve Assembly	12 * 1
83-1450	Sensor - Oil Level	23 3 1	88-9620	Decal - Greensmaster 3100	2 46 1
83-1460	Solenoid Valve Assembly	23 28 1	88-9630	Lift Pivot Bracket R.H.	2 40 1
83-1470	Washer - Neoprene	23 18 4	88-9640	Lift Pivot Bracket L.H.	1 28 1
83-1520	Screen - Filler	23 6 1	88-9660	Shaft - Cutting Control	2 36 1
83-1530	Bracket - Alarm	21 23 1	88-9700	Hose - Hydraulic	6 15 1
83-1550	Spacer - Tank (Short)	23 17 2	88-9700	Hose - Hydraulic	11 20 1
83-1560	Spacer - Tank (Long)	23 23 2	92-0585	Pull Arm Assembly R.H.	3 19 1
83-1630	Bracket - Muffler Support	26 24 1	92-0585	Pull Arm Assembly R.H.	4 34 1
83-1640	Rod End Assembly	29 6 1	92-0585	Pull Arm Assembly R.H.	6 42 1
83-1660	Switch Assembly	21 6 1	92-0586	Pull Arm Assembly L.H.	3 17 1
83-1670	Fitting - Special	11 27 1	92-0586	Pull Arm Assembly L.H.	4 31 1
83-1680	Hose - Hydraulic	6 13 1	92-0586	Pull Arm Assembly L.H.	6 39 1
83-1680	Hose - Hydraulic	11 30 1	92-0587	Fitting - Valve Body	11 17 1
83-1690	Hose - Hydraulic	11 21 1	92-0588	Valve - Needle	12 53 1
83-1690	Hose - Hydraulic	3 40 1	92-1180	Seat Assembly	19 5 1
83-1700	Bushing - Flange	8 33 2	92-1665	Fitting - Hydraulic Straight	23 12 1
83-1700	Bushing - Flange	17 35 1	92-1666	Tank - Auxiliary Hydraulic	23 26 1
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83-1790	Decal - Warning	17 5 1	92-2545	Seals - Spool	16 * 1
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83-1840	Cover - R.H.	19 32 1	92-2546	Wiper - Seal	16 64 5
83-1850	Decal - Traction	20 38 1	92-2547	Plate - Seal Retainer	15 18 5
83-1860	Centering Spring Kit	18 12 1	92-2547	Plate - Seal Retainer	13 24 4
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83-1880	Control Parts Assembly	18 * 1	92-2548	Seal - Spool Set	16 * 1
83-1890	Switch - Ball	14 54 1	92-2549	Seal - Spool Set	16 * 1
83-1890	Switch - Ball	16 60 1	92-3058	Spring - Centering	13 41 1
83-1940	Guard - Pump	27 30 1	92-4063	Plug - Filler Cap	23 7 1
83-2000	Spool - Valve	23 * 1	92-6071	Decal - Safety	29 35 1
83-2010	Coil - Valve	23 * 1	92-6533	Kit - Cushion	19 35 1
83-2030	Plate - Filler	21 3 1	92-6534	Shell	19 36 1
83-2040	Hose - Fuel	24 14 1	92-7189	Tank - Fuel	24 2 1
83-2041	Hose - Fuel	24 11 1	92-8020	Adapter - Breather	23 21 1
83-2050	Decal - Steering Arm	17 32 1	92-8690	Steering - Valve Assembly	17 24 1
83-2070	Hose - Valve	23 14 1	92-8691	Bushing - Seal Gland	18 3 1
83-2080	Hose - Valve-Tank	23 29 1	92-8694	Cap - End	18 18 1
83-2090	Hose - Overflow	23 15 1	92-8695	Seal Kit	18 * 1
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83-2220	Deflector - Exhaust	26 20 1	92-8697	Plate - Wear	18 15 1
83-2230	Screw - Cap Hex. Hd.	26 22 4	92-8966	Reservoir - Hydraulic	23 5 1
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83-2250	Guage - Sight	23 25 1	217-60	Rim	29 10 1
83-2280	Timer - Relay	21 27 1	218-461	Nut - Hex.	21 16 1
83-2310	Shield	26 35 1	218-461	Nut - Hex.	19 25 2
83-2330	Hydraulic Cylinder Assy.	29 33 1	218-594	Fuse - 20 Amp	21 7 1
83-2340	Cap - Threaded	30 2 2	2112-11	Clamp - Muffler	26 14 1
83-2350	Cap - Head, Thread	30 5 2	232-24	Stem - Valve	8 1 2
83-2360	Assembly - Rod	30 9 1	232-24	Valve Stem w/Cap	29 18 1
83-2370	Assembly - Barrel	30 12 1	233-48	Knob	10 11 1
83-2380	Kit - Seal Repair	30 * 1	233-48	Knob	17 17 1
83-2390	Pad - Tank	23 2 1	237-7	Seal - O-Ring	19 24 1
83-2400	Spacer - Tank	23 1 2	237-21	Seal - O-Ring	27 6 1
83-2420	Wire - Solenoid-Battery	22 4 1	237-21	Seal - O-Ring	11 19 6
83-2450	Hose - Hydraulic	11 1 1	237-21	Seal - O-Ring	17 29 4
83-2450	Hose - Hydraulic (Top)	8 34 1	237-21	Seal - O-Ring	29 31 2
83-2460	Hose - Hydraulic	11 4 1	237-22	Seal - O-Ring	27 2 3
83-2460	Hose - Hydraulic (Bottom)	8 * 1	237-22	Seal - O-Ring	11 11 6
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237-30	Seal - O-Ring	11 7 2	302-5	Fitting - Grease	1 27 1
237-30	Seal - O-Ring	19 19 1	302-5	Fitting - Grease	4 29 4
237-30	Seal - O-Ring	27 27 1	302-5	Fitting - Grease Straight	3 15 4
237-35	Seal - O-Ring	6 11 2	302-5	Fitting - Grease Straight	6 37 5
237-42	Seal - O-Ring	27 4 4	302-11	Fitting - Grease	29 2 1
237-42	Seal - O-Ring	31 9 3	302-55	Fitting - Grease	29 16 1
237-42	Seal - O-Ring	11 15 4	302-60	Fitting - Grease 90°	3 8 2
237-42	Seal - O-Ring	17 31 4	302-60	Fitting - Grease 90°	4 17 2
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237-54	O-Ring	13 6 8	304-61	Clamp - R	11 23 1
237-58	Seal - O-Ring	11 34 1	321-2	Screw - Cap Hex. Hd.	23 16 1
237-65	Seal - O-Ring	11 2 6	321-3	Screw - Cap Hex. Hd.	20 10 4
237-65	Seal - O-Ring	8 15 4	321-3	Screw - Cap Hex. Hd.	19 13 1
237-78	Seal - O-Ring	6 14 2	321-3	Screw - Cap Hex. Hd.	2 52 3
237-78	Seal - O-Ring	29 32 2	321-4	Screw - Cap Hex. Hd.	21 21 1
237-78	Seal - O-Ring	3 38 2	321-4	Screw - Cap Hex. Hd.	26 27 4
237-78	Seal - O-Ring	4 38 2	321-4	Screw - Cap Hex. Hd.	8 31 1
237-79	Seal - O-Ring	31 7 3	321-4	Screw - Hex. Flange Hd.	1 16 2
237-79	Seal - O-Ring	11 9 4	321-5	Screw - Cap Hex. Hd.	8 26 8
237-79	Seal - O-Ring	23 11 5	321-11	Screw - Cap Hex. Hd.	23 40 2
237-80	Seal - O-Ring	23 4 1	321-11	Screw - Cap Hex. Hd.	2 43 1
237-80	Seal - O-Ring	8 13 4	321-11	Screw - Hex. Washer Hd.	8 17 1
237-80	Seal - O-Ring	27 25 1	322-1	Screw - Cap Hex. Hd.	3 1 3
237-80	Seal - O-Ring	11 32 3	322-1	Screw - Cap Hex. Hd.	4 21 3
237-81	Seal - O-Ring	11 38 1	322-1	Screw - Cap Hex. Hd.	6 30 2
237-101	Seal - O-Ring	20 26 2	322-1	Screw - Cap Hex. Hd.	27 31 2
237-123	Seal - O-Ring	23 24 1	322-2	Screw - Cap Hex. Hd.	19 1 2
237-143	Grommet	20 40 2	322-3	Screw - Cap Hex. Hd.	6 25 1
237-177	Seal - O-Ring	23 33 3	322-3	Screw - Cap Hex. Hd.	26 32 6
240-11	Grommet	24 3 4	322-4	Screw - Cap Hex. Hd.	27 32 2
240-11	Grommet	23 37 3	322-4	Screw - Cap Hex. Hd.	20 36 4
242-50	Nut - Lug	29 8 4	322-5	Screw - Cap Hex. Hd.	10 36 2
242-50	Nut - Lug	8 29 8	322-6	Screw - Cap Hex. Hd.	27 18 4
2410-18	Plug	33 2 1	322-8	Screw - Cap Hex. Hd.	26 21 2
2410-73	Retainer - Tether	23 10 1	322-14	Screw - Cap Hex. Hd.	23 20 2
2411-42	Joint - Ball L.H. Thread	10 30 1	322-14	Screw - Cap Hex. Hd.	11 39 3
2411-43	Joint - Ball R.H. Thread	10 33 1	322-29	Screw - Cap Hex. Hd.	23 22 2
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2412-34	Clamp - Hose	20 24 2	323-6	Screw - Cap Hex. Hd.	24 6 3
2412-34	Clamp - Hose	23 31 3	323-6	Screw - Cap Hex. Hd.	23 35 3
2412-36	Clamp - Hose	23 13 4	323-8	Screw - Cap Hex. Hd.	27 24 2
2412-36	Clamp - Hose	24 16 2	323-12	Screw - Cap Hex. Hd.	26 1 3
2412-41	Clamp - R	12 47 2	323-13	Screw - Cap Hex. Hd.	1 5 4
2412-41	Clamp - R	24 5 3	324-7	Screw - Cap Hex. Hd.	26 30 4
2412-94	Clamp - R	24 10 1	325-4	Screw - Cap Hex. Hd.	17 19 2
2412-106	Clamp - R	21 28 1	325-11	Screw - Cap Hex. Hd.	8 9 8
2412-108	Clamp - Hose	24 12 4	3211-2	Screw - Cap Hex. Hd.	10 19 2
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251-141	Bearing - Ball	4 37 2	3218-13	Nut - Jam	20 8 2
251-141	Bearing - Ball	6 45 2	3219-2	Nut - Hex.	34 6 1
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254-70	Cone - Bearing	29 4 2	3219-18	Nut - Hex.	33 2 1
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254-79	Cup - Bearing	29 14 2	3220-2	Nut - Jam	1 3 5
256-2	Bushing - Sleeve	10 20 2	3220-3	Nut - Jam	4 2 2
256-155	Bushing - Flange	10 26 2	3220-3	Nut - Jam	6 2 2
256-155	Bushing - Flange	19 28 2	3220-3	Nut - Jam	3 23 2
256-251	Bushing - Sleeve	10 10 2	3220-6	Nut - Jam	5 14 1
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282-2	Clevis - Rod	10 3 1	3220-20	Nut - Jam L.H. Thread	10 31 1
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283-8	Pin - Clevis	4 18 1	3234-1	Screw - Cap Hex. Hd.	2 53 4
283-57	Pin - Clevis	10 8 1	3234-1	Screw - Hex. Flange Hd.	10 6 4
283-61	Pin - Clevis	1 1 5	3234-4	Screw - Cap Hex. Hd.	12 46 1
283-61	Pin - Clevis	10 4 1	3241-2	Screw - Set Square Hd.	27 19 2
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3253-3	Washer - Lock	2 44 1	3290-378	Tie - Cable	26 * 2
3253-3	Washer - Lock	16 57 4	3290-379	Tie - Cable	6 47 1
3253-4	Washer - Lock	3 41 1	3290-470	Screw - Flat Hd.	20 22 2
3253-4	Washer - Lock	19 2 2	3296-4	Nut - Lock	10 22 2
3253-4	Washer - Lock	20 9 2	3296-16	Nut - Lock	19 11 1
3253-4	Washer - Lock	6 46 1	3296-16	Nut - Lock	1 21 2
3253-6	Washer - Lock	26 29 4	3296-16	Nut - Lock	21 24 9
3253-21	Washer - Lock	27 23 2	3296-16	Nut - Lock	20 34 3
3253-21	Washer - Lock	4 27 2	3296-16	Nut - Lock	12 49 1
3253-21	Washer - Lock	3 35 2	3296-23	Nut - Lock	8 19 8
3253-21	Washer - Lock	6 35 2	3296-27	Nut - Lock	21 11 4
3254-1	Washer - Lock	20 6 2	3296-29	Nut - Lock	19 8 4
3254-5	Washer - Lock	21 15 1	3296-29	Nut - Lock	27 14 4
3254-6	Washer - I.T.L.W.	10 18 2	3296-29	Nut - Lock	10 16 2
3255-7	Washer - Lock	21 29 1	3296-29	Nut - Lock	6 29 1
3255-8	Washer - Lock, Int. Tooth	34 9 1	3296-39	Nut - Lock	1 20 1
3256-1	Washer - Flat	2 51 10	3296-42	Nut - Lock	8 25 8
3256-1	Washer - Flat	26 18 8	3296-59	Nut - Lock	10 15 4
3256-1	Washer - Flat	21 20 8	3296-59	Nut - Lock	2 34 8
3256-22	Washer - Flat	20 3 5	3296-67	Nut - Lock	29 25 1
3256-22	Washer - Flat	8 30 2	32103-12	Nut - Wing	20 14 2
3256-22	Washer - Flat	12 52 1	32104-76	Screw - Self Tapping	20 1 5
3256-22	Washer - Flat	23 45 1	32108-100	Screw - Flat Hd.	8 16 1
3256-23	Washer - Flat	3 2 2	32120-8	Ring - Retaining	5 10 1
3256-23	Washer - Flat	27 17 8	32121-6	Pin - Roll	10 39 1
3256-23	Washer - Flat	23 19 4	32121-6	Pin - Roll	2 41 1
3256-23	Washer - Flat	4 20 3	32121-35	Pin - Roll	1 32 8
3256-23	Washer - Flat	26 23 2	32121-45	Pin - Roll	19 14 1
3256-23	Washer - Flat	6 28 2	32121-45	Pin - Roll	10 28 1
3256-23	Washer - Flat	19 30 4	32121-51	Pin - Roll	10 43 1
3256-23	Washer - Flat	20 35 4	32122-35	Screw - Truss Head	34 8 1
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3256-24	Washer - Flat	4 26 2	32128-33	Nut - Lock	8 32 1
3256-24	Washer - Flat	6 34 2	32128-20	Nut - Flange Lock	11 24 3
3256-24	Washer - Flat	2 35 9	32128-20	Nut - Flange Lock	10 27 1
3256-24	Washer - Flat	3 36 2	32128-20	Nut - Flange Lock	27 29 2
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3257-42	Key - Woodruff	9 17 1	32149-7	Nut - Keps	20 41 2
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3272-11	Pin - Cotter	19 9 1	340-14	Fitting - Hydraulic 45°	8 14 4
3272-11	Pin - Cotter	4 13 2	340-16	Fitting - Hydraulic 90°	11 33 1
3272-11	Pin - Cotter	6 19 1	340-18	Fitting - Hydraulic 90°	11 13 1
3272-37	Pin - Cotter	29 1 1	340-77	Fitting - Hydraulic 90°	31 10 2
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3274-7	Screw - Socket Hd.	26 9 2	340-82	Fitting - Hydraulic 90°	27 5 1
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3274-52	Screw - Hex. Socket Hd.	13 20 4	340-101	Fitting - Hydraulic 45°	11 8 1
3274-52	Screw - Hex. Socket Hd.	15 45 6	340-103	Fitting - Hydraulic 45°	6 12 2
3274-63	Screw - Hex. Socket Hd.	17 33 2	340-105	Fitting - Hydraulic 90°	27 26 1
3274-64	Screw - Hex. Socket Hd.	20 4 3	340-132	Fitting - Hydraulic 90°	29 29 2
3274-69	Screw - Hex. Socket Hd.	21 1 8	340-137	Fitting - Hydraulic 45°	11 44 1
3274-70	Screw - Hex. Socket Hd.	13 1 2	340-138	Fitting - Hydraulic 45°	11 12 2
3274-80	Screw - Cap Hex. Hd.	17 1 3	351-78	Edging	19 40 1
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353-306	Ring - Backup	15 4 5	353-780	Positioner - R. Detent (Out)	14 * 1
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353-328	Washer - Shim	13 15 A/R	353-808	Collar - Spring	15 24 1
353-328	Washer - Shim	15 32 A/R	353-829	Collar Spool	15 26 1
353-329	Washer - Shim	13 16 A/R	353-830	O-Ring	15 25 1
353-329	Washer - Shim	15 33 A/R	353-831	Spring	15 21 1
353-330	Washer - Shim	13 17 A/R	353-833	Positioner Assembly	16 * 1
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*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Greensmaster 3100 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Greensmaster 3100, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the Greensmaster 3100.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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