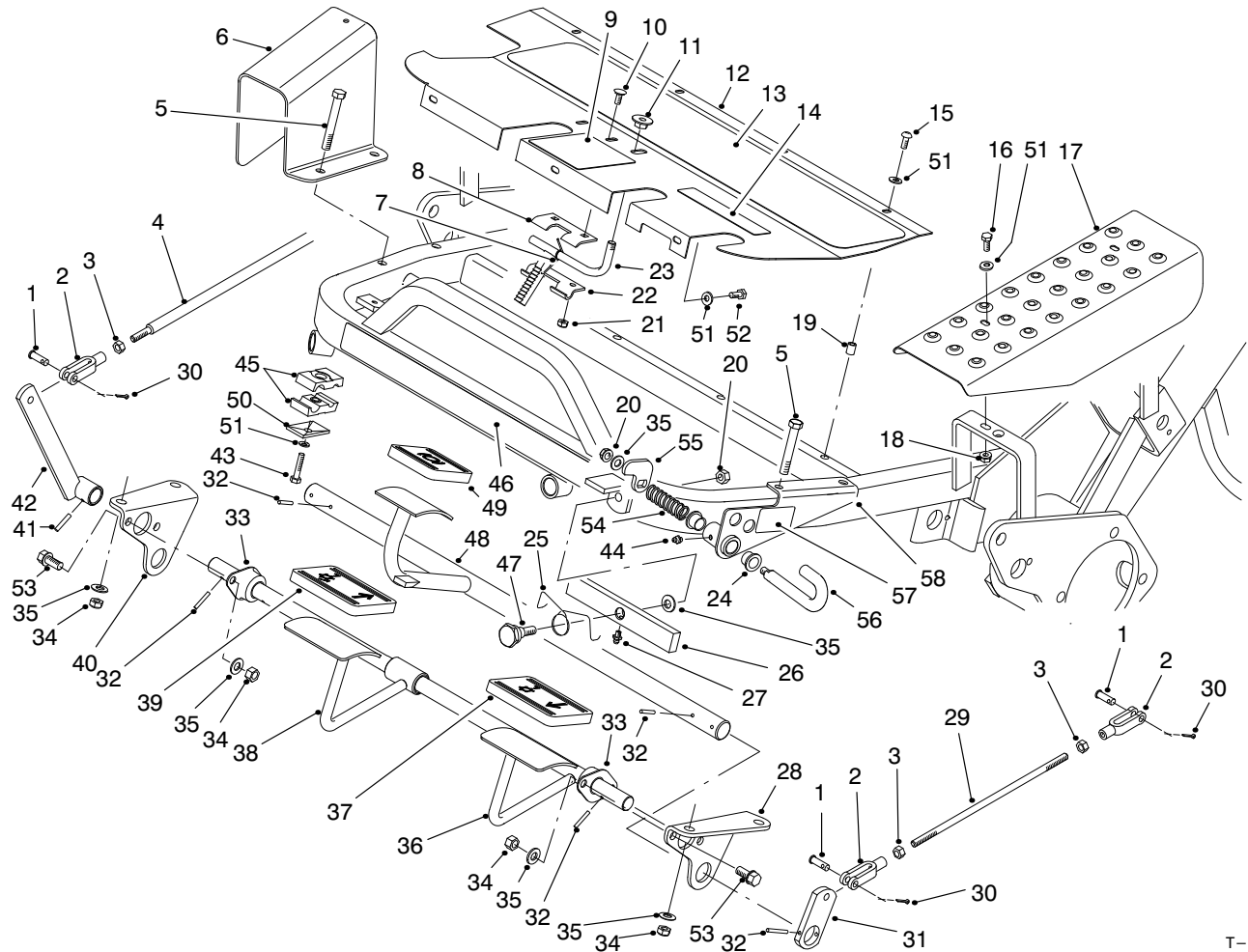




MODEL NO. 04351-80001 & UP

PARTS CATALOG

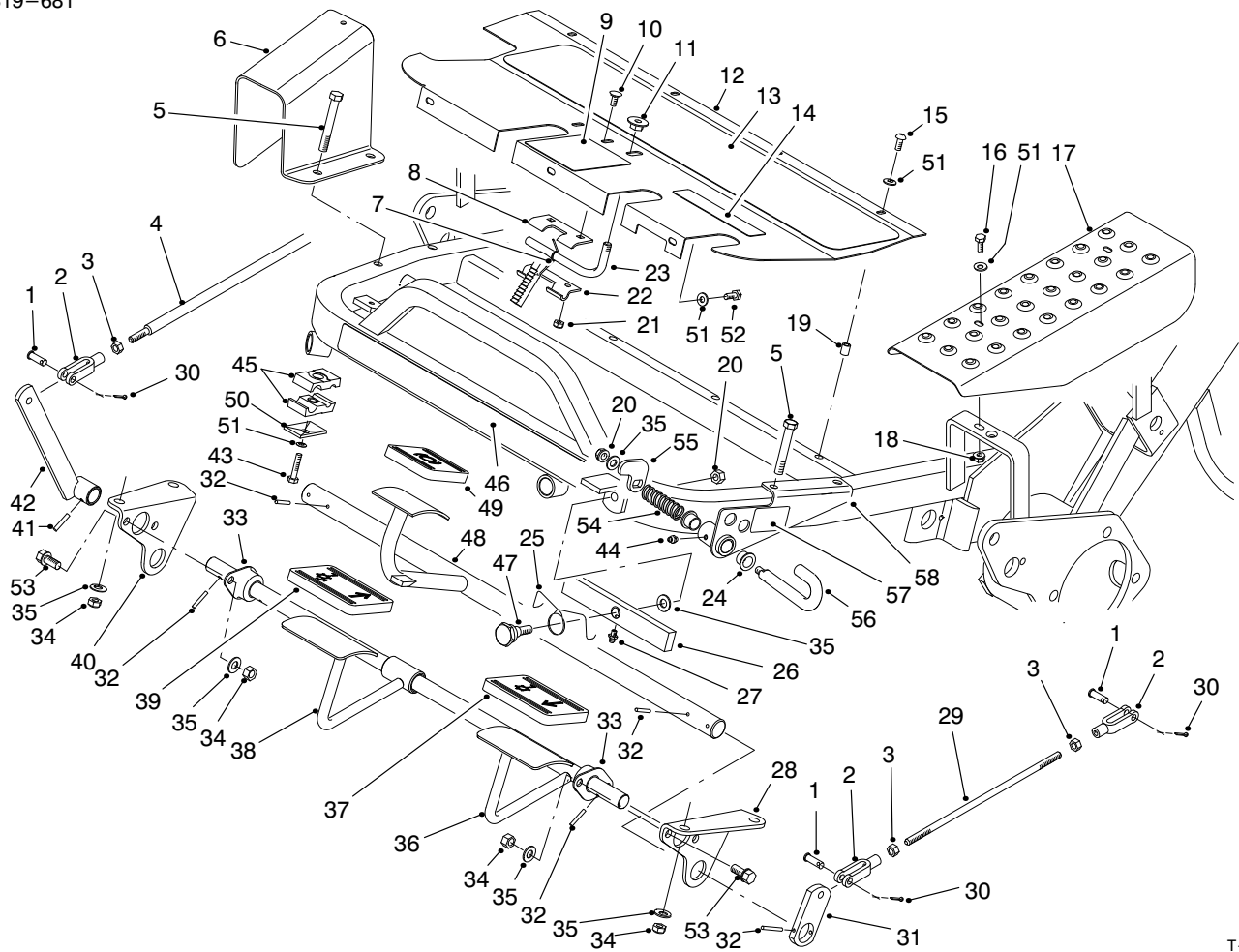
GREENSMASTER® 3050 TRACTION UNIT



T-1285B

CONTROL PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	283-61	Pin - Clevis	5	18	32128-33	Nut - Flange Lock	2
2	282-2	Clevis - Adjusting	5	19	32148-6	Insert - Threaded	8
3	3220-2	Nut - Jam	5	20	3296-39	Nut - Lock	2
4	49-5430	Rod - Control	1	21	3296-16	Nut - Lock	2
5	323-13	Screw - Cap Hex. Hd.	4	22	95-1629	Hinge - Lower	1
6	49-6110	Guard - Transfer Rod	1	23	10-7850	Latch - Parking Brake	1
7	10-8140	Spring - Torsion	1	24	3-1506	Bushing	2
8	95-1628	Hinge - Upper	1	25	83-0080	Spring - Torsion	1
9	93-8062	Decal - Parking Brake	1	26	83-0060	Lift - Pivot	1
10	3229-11	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	93-8075	Decal - Mow/Lift	1	31	10-8100	Strap - Brake Shaft	2
15	3274-68	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
17	83-0200	Cover - L.H.	1	34	3296-59	Nut - Lock	8

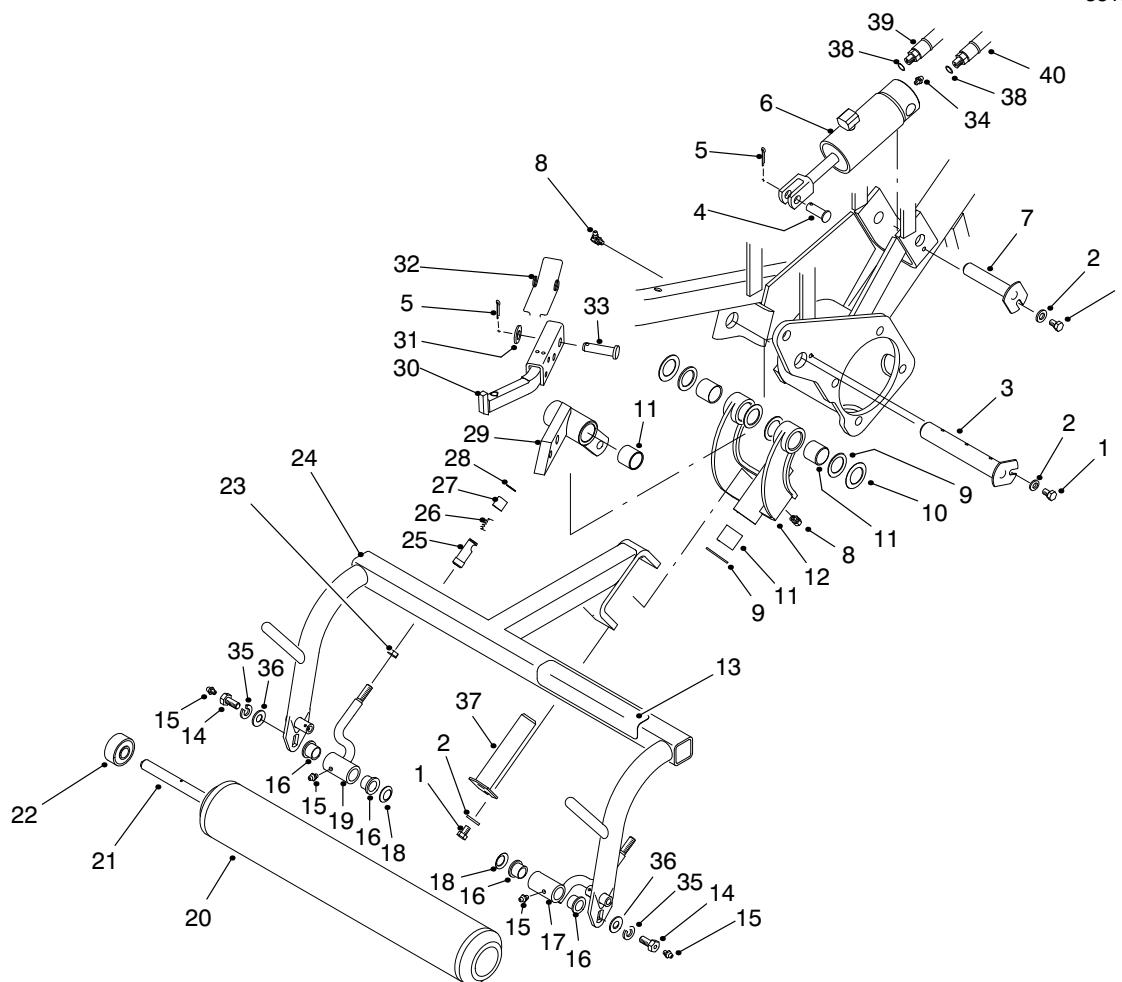


T-1285B

CONTROL PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
35	3256-38	Washer - Flat	6	48	83-0160	Shaft - Brake	1
36	88-9660	Shaft - Cutting Control	1	49	93-7629	Pad - Brake	1
37	93-7631	Pad - Lift	1	50	69-9760	Plate - Cover	1
38	83-0140	Pedal - Mow	1	51	3256-1	Washer - Flat	9
39	93-7630	Pad - Mow	1	52	321-3	Screw - Cap Hex. Hd.	3
40	88-9630	Lift Pivot Bracket R.H.	1	53	3234-1	Screw - Cap Hex. Hd.	4
41	32121-6	Pin - Roll	1	54	76-0410	Spring	1
42	49-6200	Lever - Cutting Control	1	55	93-9904	Arm - Lock Out, Mow	1
43	321-11	Screw - Cap Hex. Hd.	1	56	93-9903	Pin - Lock Out, Mow	1
44	302-5	Fitting - Grease	1	57	93-9898	Decal - Lock	1
45	56-7970	Clamp Half - Tube	2	58	93-9901	Bracket - Lock Out, Mow	1
46	95-5997	Decal - Greensmaster 3050	1	*	36-7250	Basket - Grass	3
47	83-2590	Bolt - Eccentric	1	*	65-8320	Bar - Gauge	1

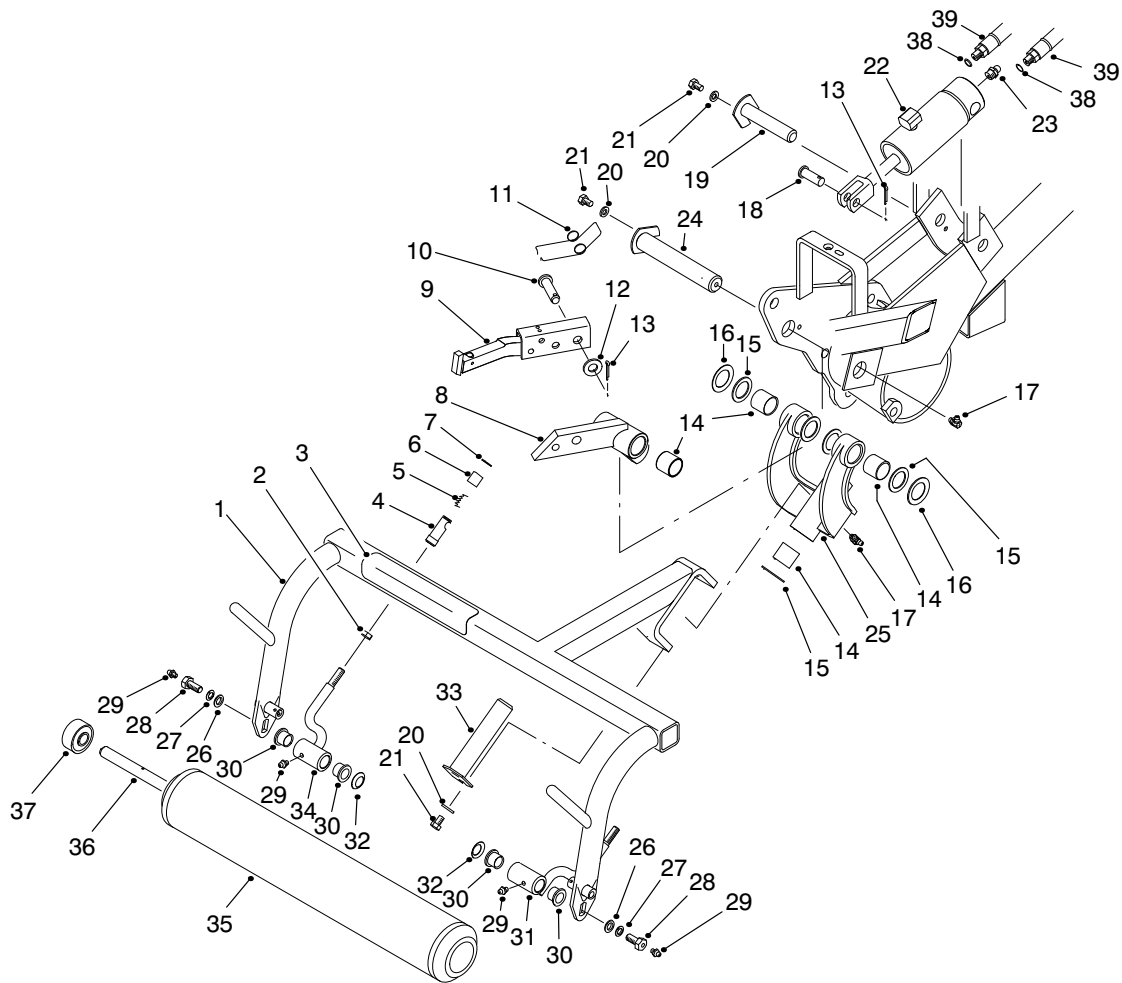
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T-1283

PULL FRAME ASSEMBLY L.H.

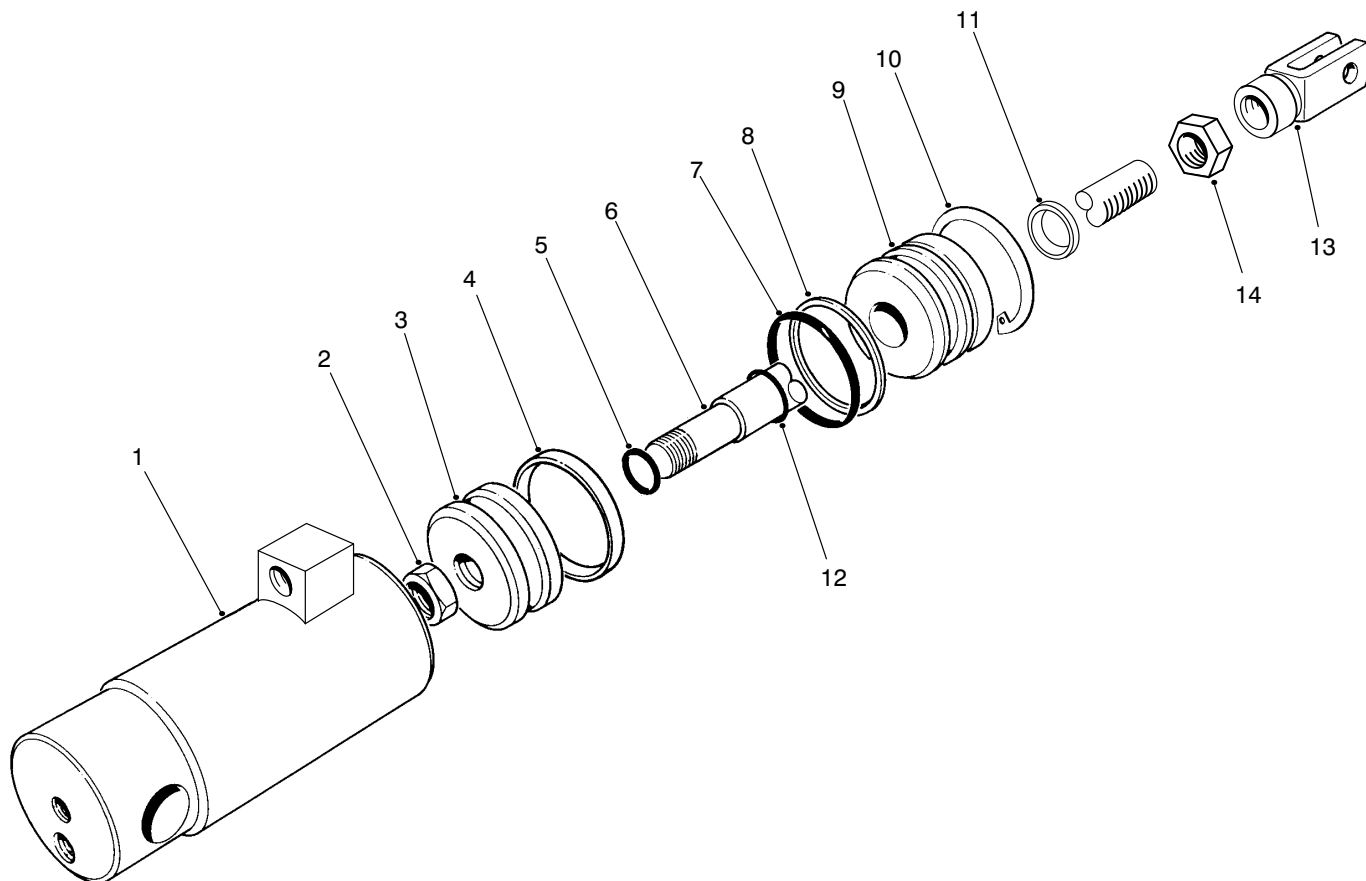
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-1	Screw - Cap Hex. Hd.	3	21	21-8470	Shaft - Roller	1
2	3256-23	Washer - Flat	3	22	251-141	Bearing - Ball	2
3	10-6110	Pin - Hinge	1	23	3220-3	Nut - Jam	2
4	283-8	Pin - Clevis	1	24	92-9176	Frame - Pull L.H.	1
5	3272-11	Pin - Cotter	2	25	94-2959	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	94-5586	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	93-8064	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



T-1284

PULL FRAME ASSEMBLY R.H.

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-9177	Frame - Pull R.H.	1	23	302-2	Fitting - Grease	1
2	3220-3	Nut - Jam	2	24	10-6110	Pin - Pivot	1
3	93-8064	Decal - Danger	1	25	10-7820	Pivot Hinge Assembly (Incl. Ref. #14)	1
4	94-2959	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	94-5588	Bar - Lift, R.H.	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	92-9767	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				

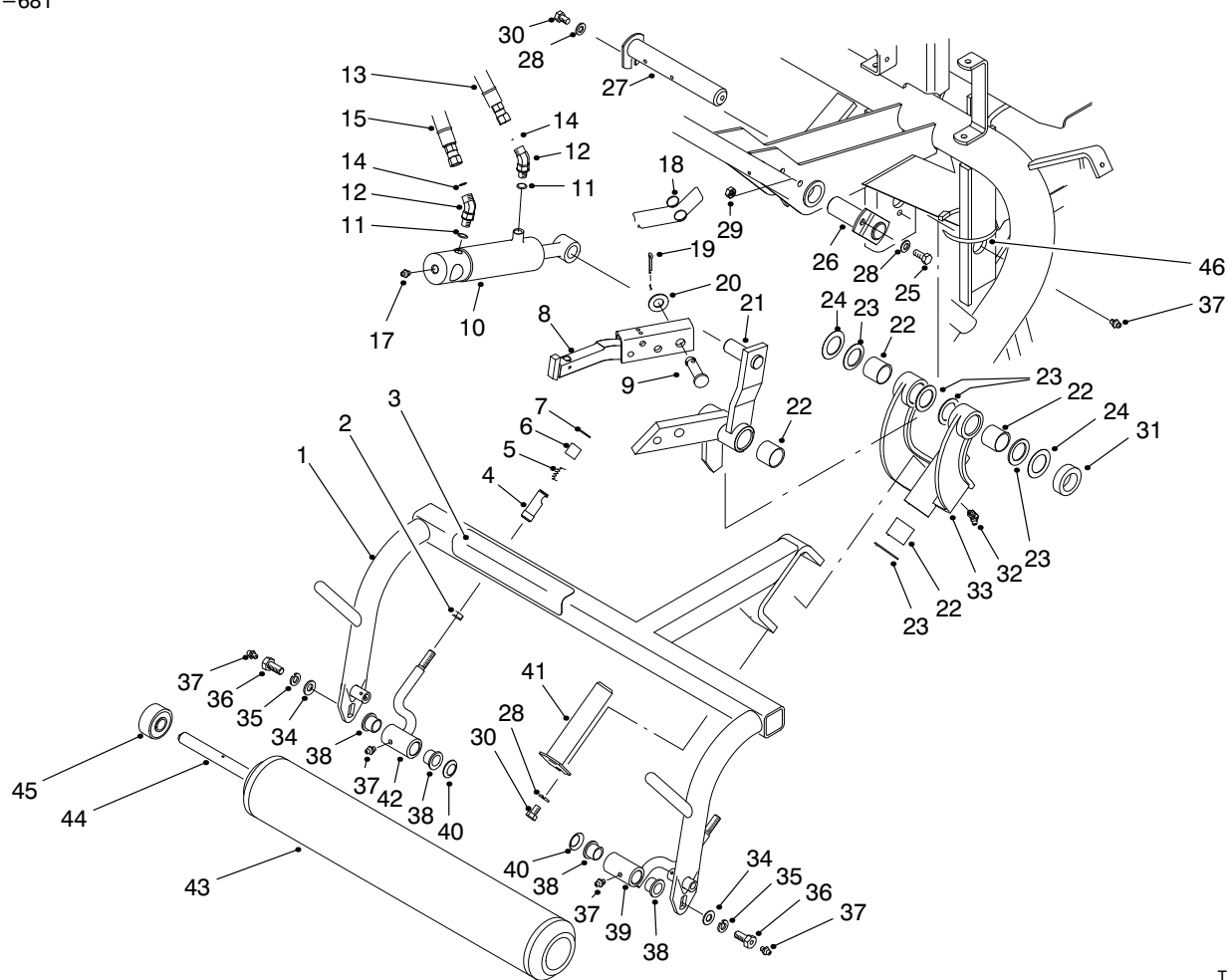


T-1246

HYDRAULIC CYLINDER ASSEMBLY NO. 83-2580

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Barrel	1	10	32120-8	Ring - Retaining	1
2	32152-10	Nut - Lock	1	11		Seal - Dust	1
3	52-1990	Piston	1	12		Seal - PDF	1
4		Uniring	1	13	76-1850	Clevis	1
5		Seal - O-Ring	1	14	3220-6	Nut - Jam	1
6	76-1860	Shaft	1	*	86-5390	Seal Kit	
7		Seal - O-Ring	1			(Incl. Ref. #4, 5, 7, 8, 11 & 12)	1
8		Washer - Back-Up	1				
9	65-4860	Head	1				

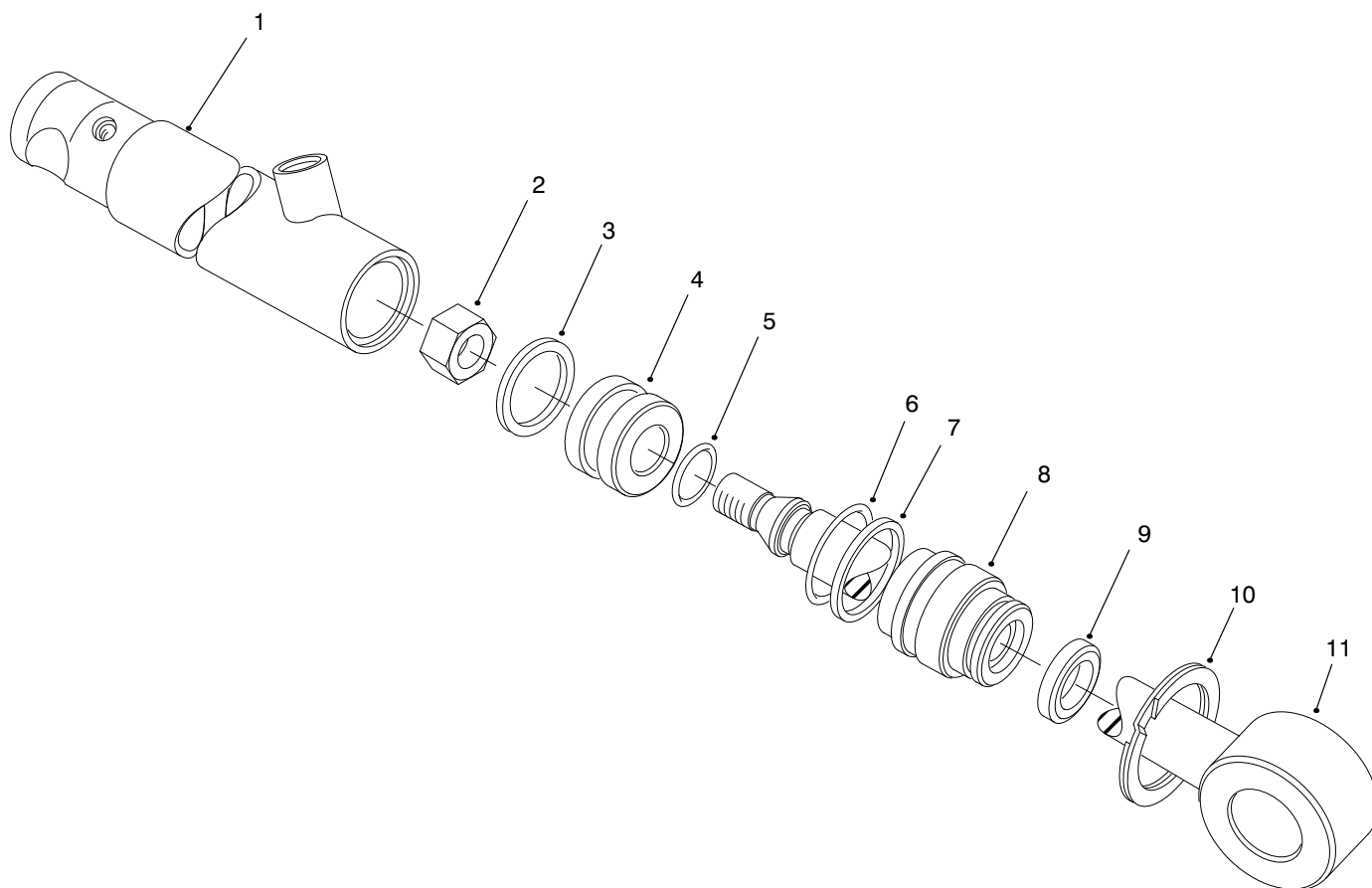
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T-1286-4

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	93-8064	Decal - Danger	1	28	3256-23	Washer - Flat	3
4	94-2959	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	93-2384	Spacer - Carrier	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	237-21	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	3290-379	Tie - Cable	1
23	10-8110	Washer - Thrust	6				
24	5-1226	Washer - Shim	2				
25	322-3	Screw - Cap Hex. Hd.	1				

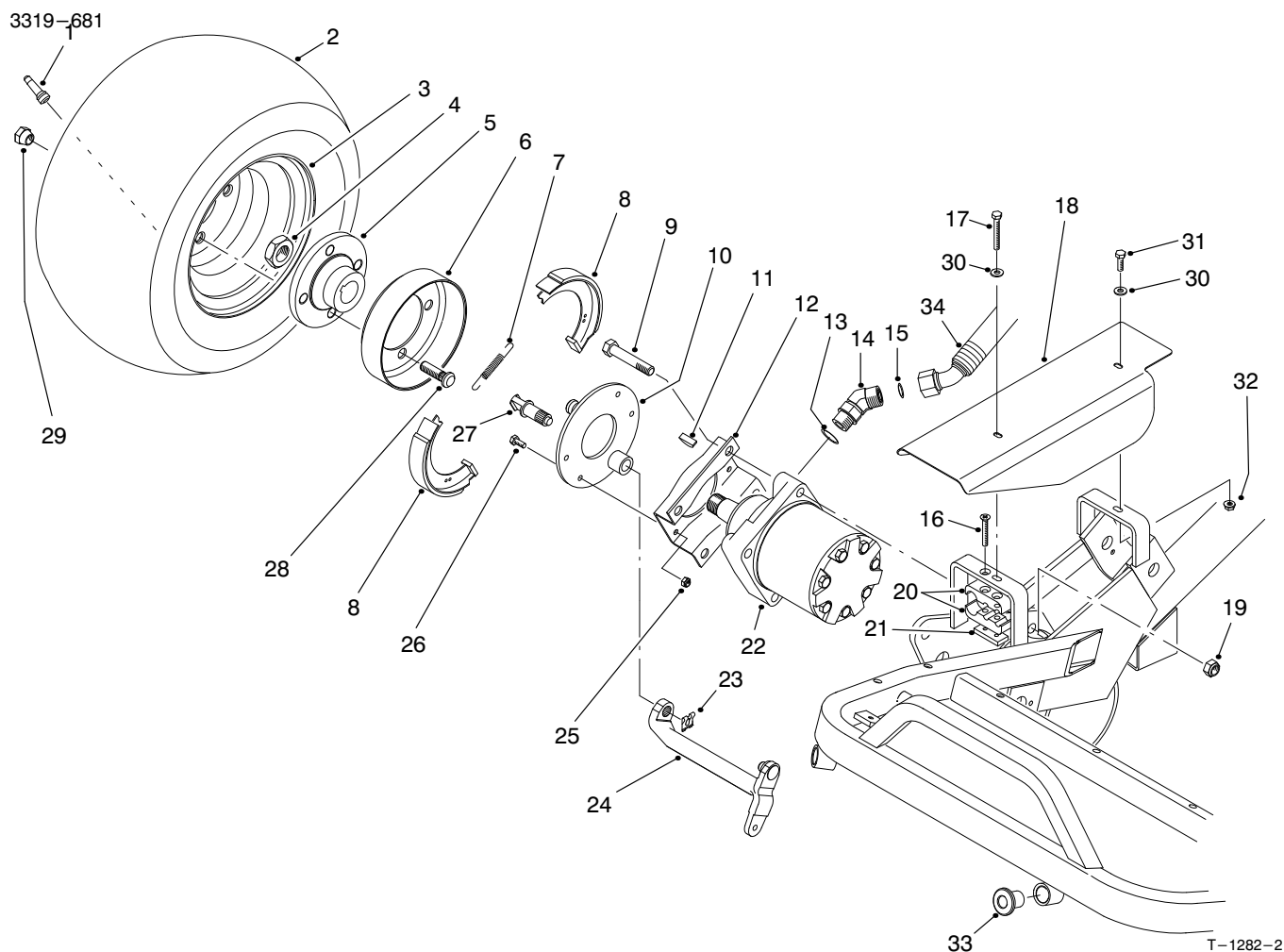


T-0640-2

HYDRAULIC CYLINDER NO. 83-7230

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-8130	Barrel	1	8	70-2770	Head	1
2	32152-10	Nut - Hex.	1	9		Seal - Dust	1
3		Uniring	1	10	43-5220	Ring - Retaining	1
4	70-2780	Piston	1	11	43-5230	Shaft & Clevis	1
5		Seal - O-Ring	1	*	86-5360	Repair Kit	1
6		Seal - O-Ring	1			(Incl. Ref. #3, 5-7 & 9)	
7		Washer - Back-Up	1				

*Not Illustrated



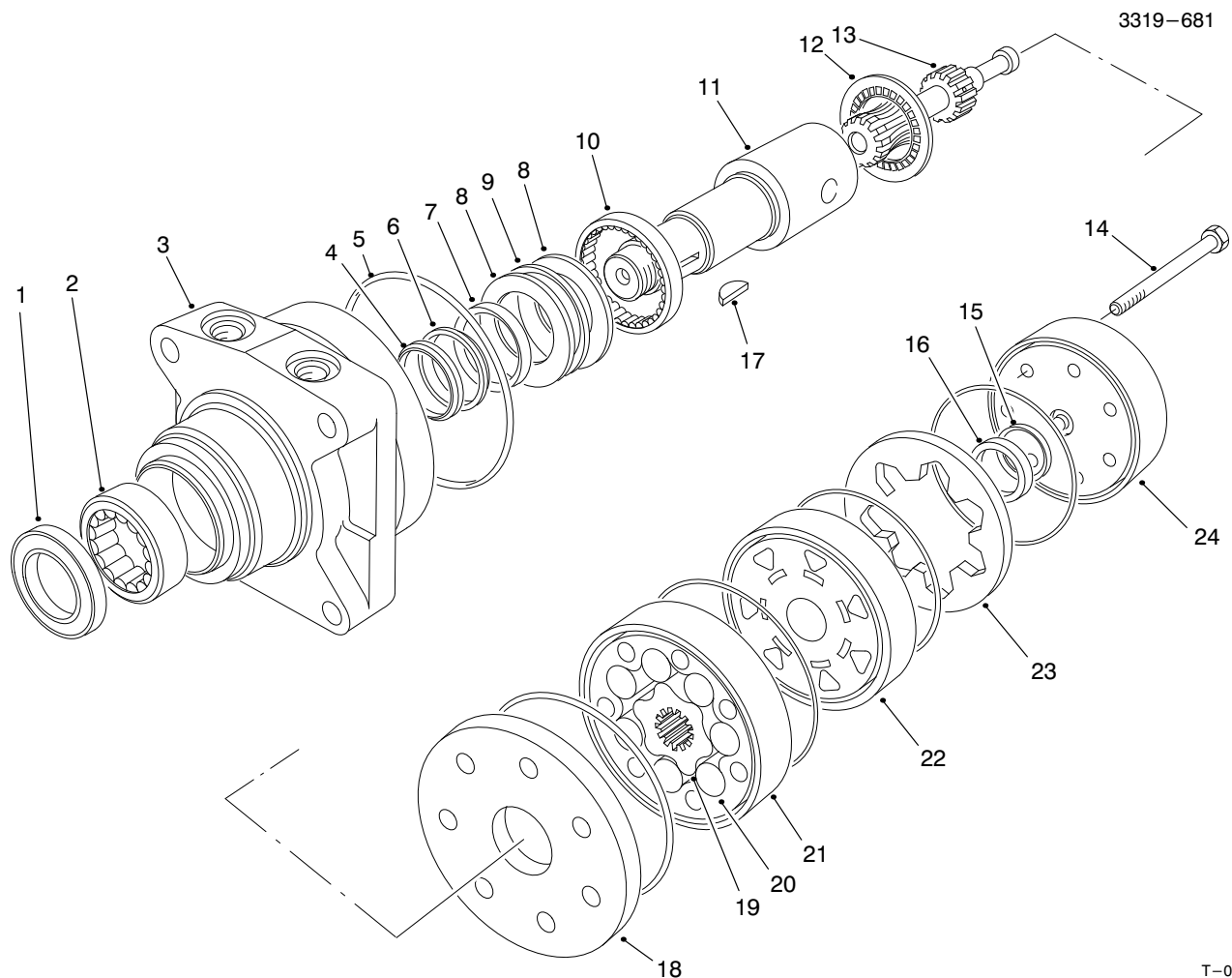
T-1282-2

FRONT WHEEL & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	232-24	Stem - Valve	2
2	28-3680	Tire	2
3	217-60	Rim	2
4	26-3790	Nut - Lock	2
5	10-6870	Hub - Wheel	2
6	10-6850	Drum - Brake	2
7	70-9880	Spring - Return	4
8	70-9840	Shoe - Brake	4
9	325-11	Screw - Cap Hex. Hd.	8
10	70-9870	Plate - Backing	2
11	3257-42	Key - Woodruff	2
12	84-2000	Bracket - Brake	2
13	237-80	Seal - O-Ring	4
14	340-14	Fitting - Hydraulic 45° (Incl. Ref. #13 & 15)	4
15	237-65	Seal - O-Ring	4
16	32108-100	Screw - Flat Hd.	1
17	321-11	Screw - Hex. Washer Hd.	1
18	83-0190	Cover - R.H.	1
19	3296-23	Nut - Lock	8
20	57-6140	Clamp Half - Tube	2

Ref. No.	Part No.	Description	No. Used
21	83-1220	Plate - Clamp	1
22	92-9199	Motor - Hydraulic	2
23	70-9850	Clip - Retaining	2
24	93-2096	Arm - Brake	2
25	3296-42	Nut - Lock	8
26	321-5	Screw - Cap Hex. Hd.	8
27	70-9860	Cam - Brake	2
28	85-6540	Stud - Drive	8
29	242-50	Nut - Lug	8
30	3256-22	Washer - Flat	2
31	321-4	Screw - Cap Hex. Hd.	1
32	32128-33	Nut - Lock	1
33	83-1700	Bushing - Flange	3
34	98-0647	Hose - Hydraulic (Top)	1
*	98-0646	Hose - Hydraulic (Bottom)	1
*	10-6821	Brake Drum Assembly (Incl. Ref. #5, 6 & 28)	2
*	71-1500	Brake Assembly (Incl. Ref. #7, 8, 10, 23 & 27)	2

*Not Illustrated

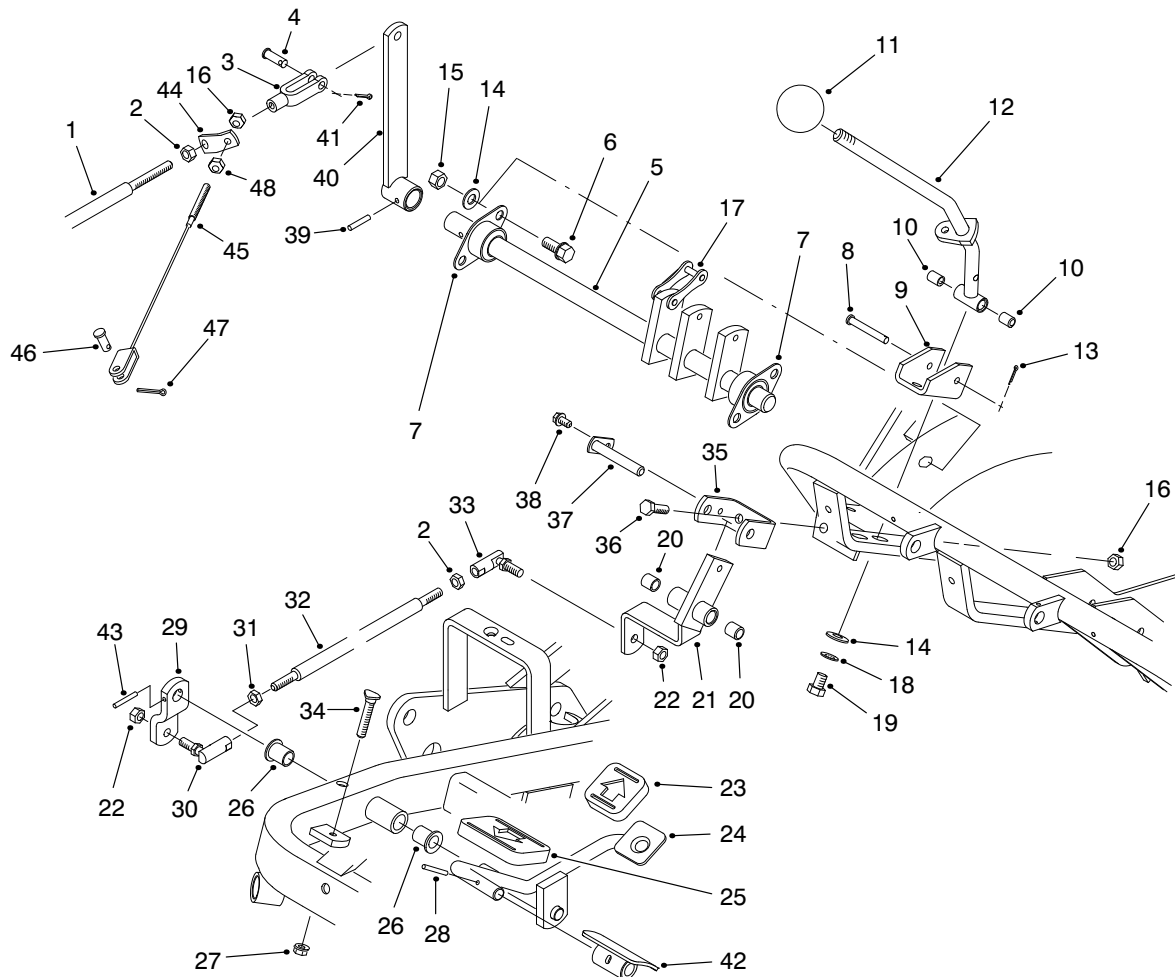


T-0983-2

HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 92-9199

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	*	92-9763	Rotor Set (Incl. Ref. #19-21)	1
10		Bearing	1	*	76-0880	Commutator Assembly (Incl. Ref. #15, 16 & 23)	1
11	76-0860	Shaft – Coupling	1	*	94-8178	Seal Kit (Incl. Ref. #1, 4-7 & 15)	1
12	76-0850	Bearing – Thrust	1	*	76-0810	Housing Assembly (Incl. Ref. #2, 3 & 8-10)	1
13	92-9761	Link – Drive	7				
14	92-9762	Screw – Cap Hex. Hd.	1				
15		Seal – Commutator	1				
16		Commutator	1				

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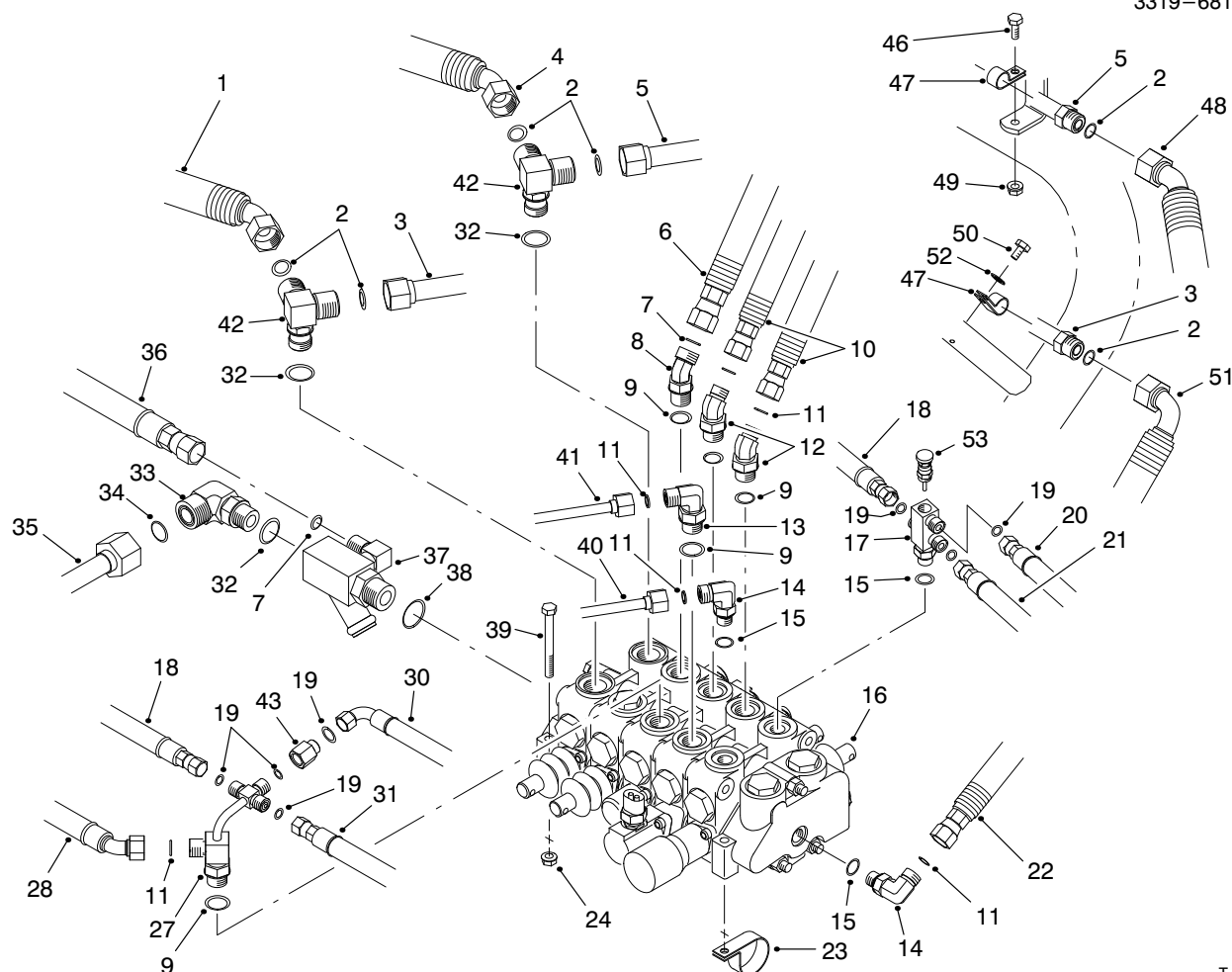


T-1287

TRACTION CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-5430	Rod - Control	1
2	3220-2	Nut - Jam	2
3	282-2	Clevis - Rod	1
4	283-61	Pin - Clevis	1
5	44-0870	Shaft - Cam	1
6	3234-1	Screw - Hex. Flange Hd.	4
7	27-2320	Bearing - Flange	2
8	283-57	Pin - Clevis	1
9	49-6220	Bracket - Control Arm	1
10	256-251	Bushing - Sleeve	2
11	233-48	Knob	1
12	93-9934	Traction Handle Assembly (Incl. Ref. #10)	1
13	3272-4	Pin - Cotter	1
14	3256-24	Washer - Flat	6
15	3296-59	Nut - Lock	4
16	3296-29	Nut - Lock	3
17	57-6220	Link	5
18	3254-6	Washer - I.T.L.W.	2
19	3211-2	Screw - Cap Hex. Hd.	2
20	256-2	Bushing - Sleeve	2
21	49-6260	Assy. - Pivot, Traction (Incl. Ref. #20)	1
22	3296-4	Nut - Lock	2
23	74-9110	Pad - Reverse Pedal	1

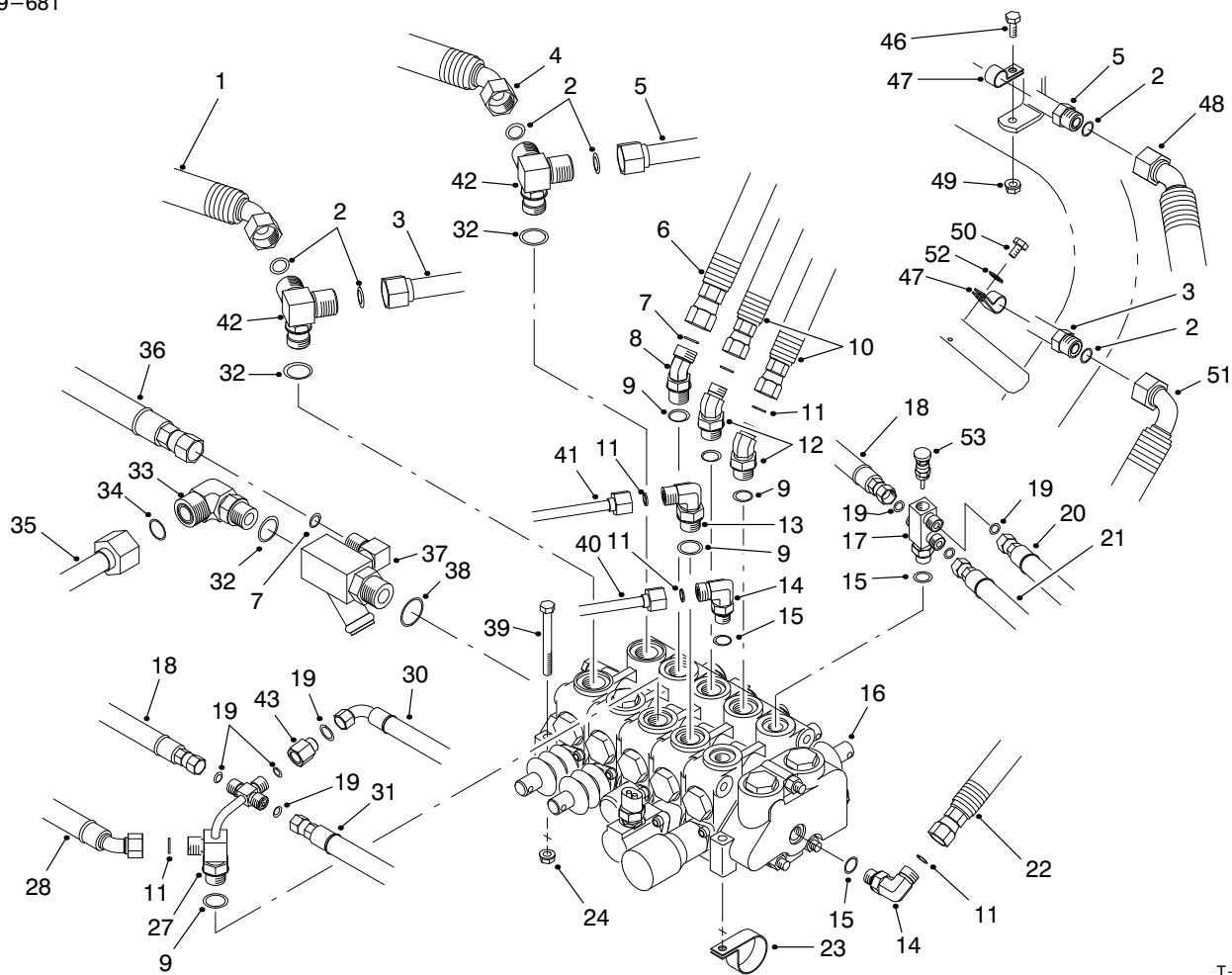
Ref. No.	Part No.	Description	No. Used
24	83-0540	Pedal - Traction	1
25	74-9100	Pad - Forward Pedal	1
26	256-155	Bushing - Flange	2
27	32128-20	Nut - Flange Lock	1
28	32121-45	Pin - Roll	1
29	83-0630	Arm - Traction Pivot	1
30	2411-42	Joint - Ball L.H. Thread	1
31	3220-20	Nut - Jam L.H. Thread	1
32	83-0580	Rod - Traction Control	1
33	2411-43	Joint - Ball R.H. Thread	1
34	17-9420	Screw - Traction Stop	1
35	49-6250	Bracket - Traction Pivot	1
36	322-5	Screw - Cap Hex. Hd.	2
37	49-6290	Shaft - Traction Pivot	1
38	12-3270	Screw - Hex. Washer Hd.	1
39	32121-6	Pin - Roll	1
40	47-5320	Lever - Control	1
41	3272-6	Pin - Cotter	1
42	49-6440	Pedal - Forward	1
43	32121-51	Pin - Roll	1
44	93-9936	Bracket - Cable	1
45	93-9937	Cable - Traction Return	1
46	283-62	Pin - Clevis	1
47	3272-10	Pin - Cotter	1
48	3217-6	Nut - Hex.	1



T-2718-3

CONTROL VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	98-0647	Hose - Hydraulic	1	22	98-2150	Hose - Hydraulic	1
2	237-65	Seal - O-Ring	6	23	304-61	Clamp - R	1
3	70-7130	Tube Assy. (Incl. Ref. #2)	1	24	32128-20	Nut - Flange Lock	3
4	98-0646	Hose - Hydraulic	1	27	83-1670	Fitting - Special (Incl. Ref. #9, 11 & 19)	1
5	83-1200	Tube Assy. (Incl. Ref. #2)	1	28	95-5986	Hose - Hydraulic	1
6	98-2151	Hose - Hydraulic	1	30	83-1680	Hose - Hydraulic	1
7	237-30	Seal - O-Ring	2	31	63-3850	Hose - Hydraulic	1
8	340-101	Fitting - Hydraulic 45° (Incl. Ref. #7 & 9)	1	32	237-80	Seal - O-Ring	3
9	237-79	Seal - O-Ring	5	33	340-16	Fitting - Hydraulic 90° (Incl. Ref. #32 & 34)	1
10	98-0649	Hose - Hydraulic	2	34	237-58	Seal - O-Ring	1
11	237-21	Seal - O-Ring	6	35	63-4040	Tube - Hydraulic	1
12	340-138	Fitting - Hydraulic 45° (Incl. Ref. #9 & 11)	2	36	95-5987	Hose - Hydraulic	1
13	340-18	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11)	1	37	63-4080	Fitting - Manifold Tee (Incl. Ref. #7 & 38)	1
14	340-77	Fitting - Hydraulic 90° (Incl. Ref. #11 & 15)	2	38	237-81	Seal - O-Ring	1
15	237-42	Seal - O-Ring	3	39	322-14	Screw - Cap Hex. Hd.	3
16	84-2203	Control Valve Assembly	1	40	63-4020	Tube - Hydraulic	1
17	93-2555	Fitting - Valve Body (Incl. Ref. #15 & 19)	1	41	63-4030	Tube - Hydraulic	1
18	92-9767	Hose - Hydraulic	2	42	63-4050	Fitting - Tee (Incl. Ref. #2 & 32)	2
19	237-21	Seal - O-Ring	5	43	71-0990	Orifice (Incl. Ref. #19)	1
20	88-9700	Hose - Hydraulic	1	46	3234-4	Screw - Cap Hex. Hd.	1
21	83-1690	Hose - Hydraulic	1	47	2412-41	Clamp-R	2
				48	98-0648	Hose - Hydraulic	1

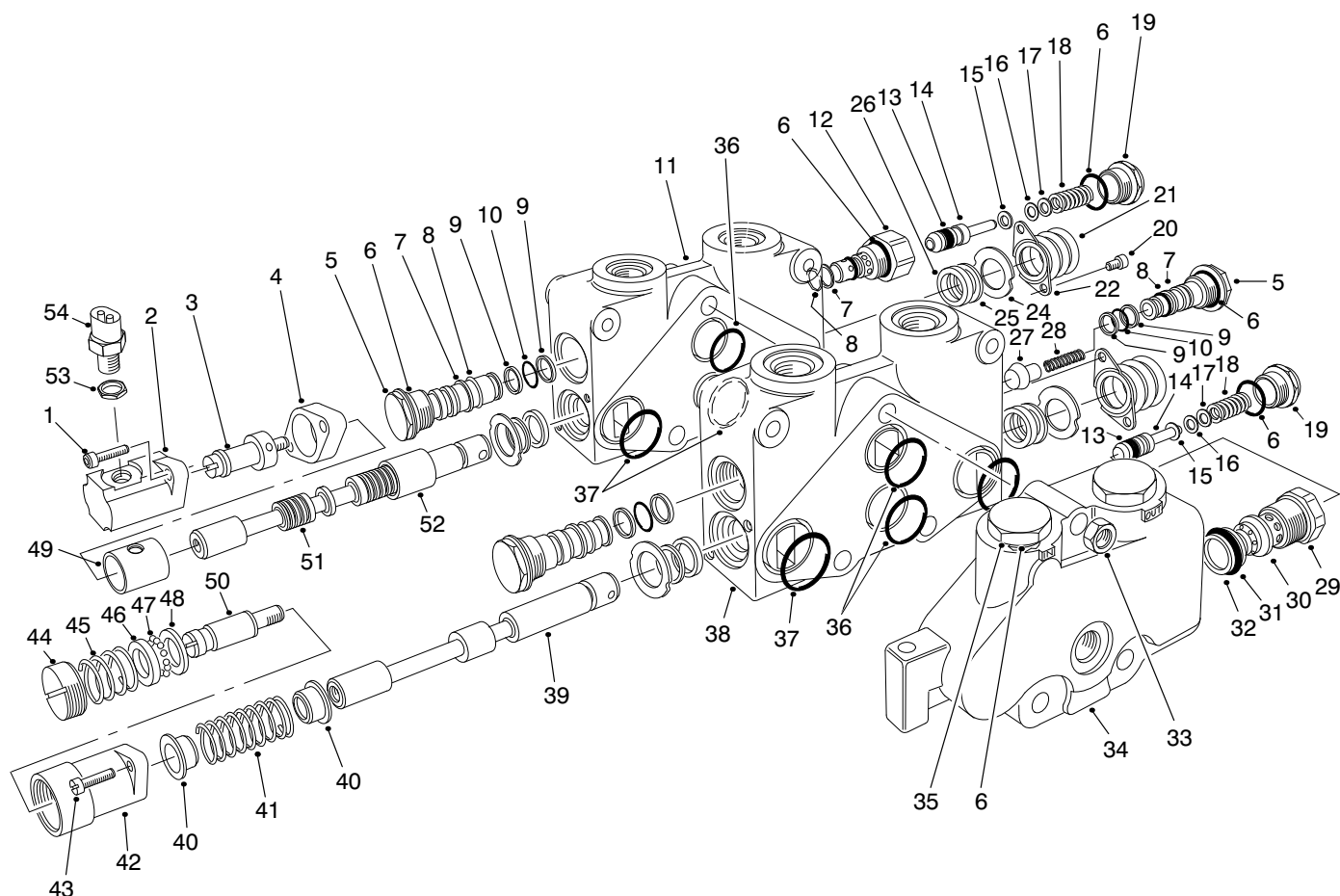


T-2718-3

CONTROL VALVE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	3296-16	Nut – Lock	1	53	93-2554	Valve – Needle	1
50	12-3270	Screw – Thread Forming	1	*	93-2556	Needle Valve Assembly	1
51	98-2153	Hose – Hydraulic	1			(Incl. Ref. #15, 17, 19 & 53)	
52	3256-22	Washer – Flat	1				

*Not Illustrated



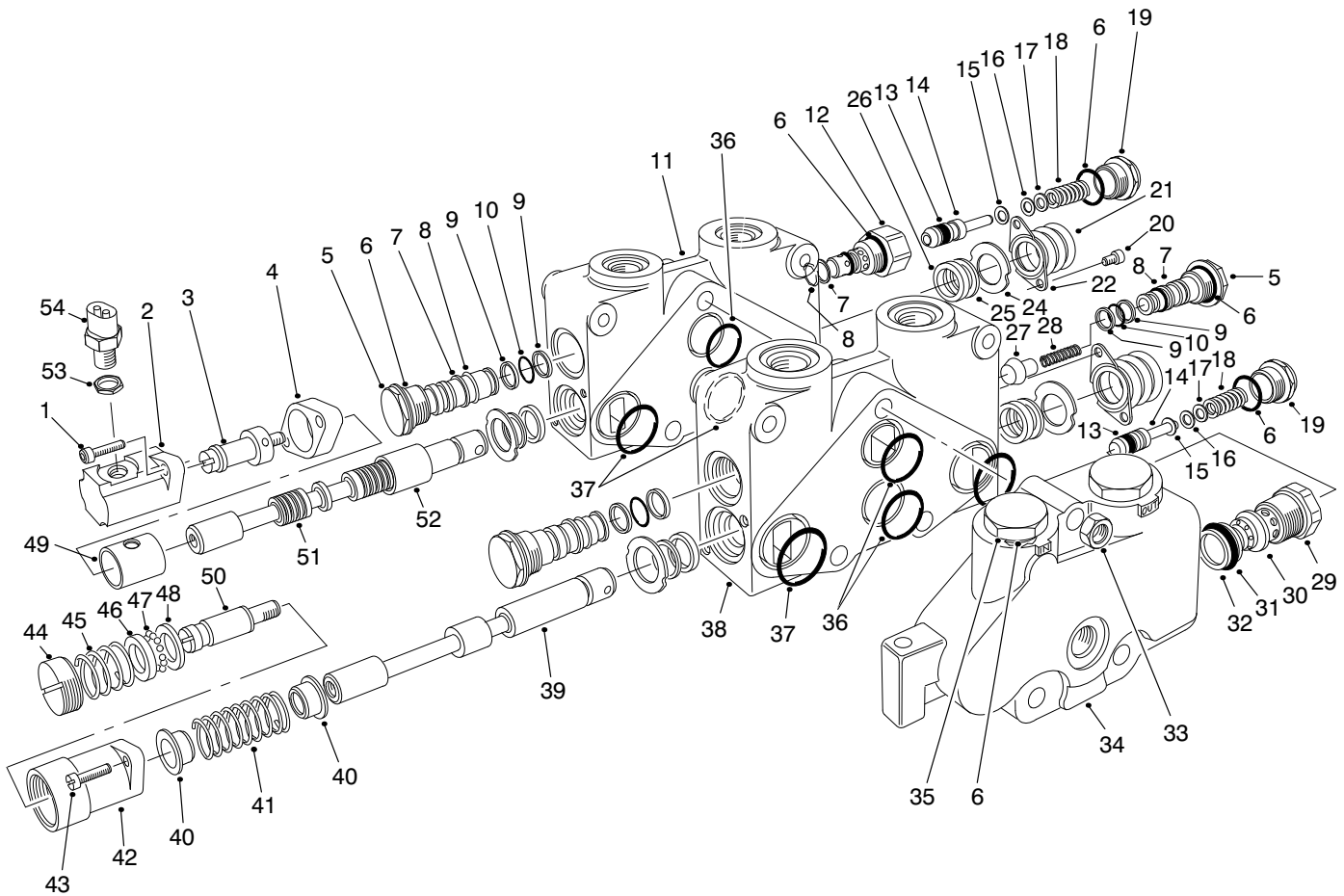
T-1318-4

CONTROL VALVE ASSY. NO. 84-2203 (Sections 1 & 2)

Ref. No.	Part No.	Description	No. Used
1	3274-70	Screw - Hex, Socket Hd.	2
2	353-727	Bonnet	1
3	353-729	Spud - Detent	1
4	353-733	Spacer - Bonnet	1
5	353-481	Plug - Load Check (Incl. Ref. #6-10)	3
6	237-54	O-Ring	8
7	353-306	Ring - Backup	4
8	353-305	O-Ring	4
9	353-303	Ring - Backup	6
10	353-302	O-Ring	3
11		Housing V20T	1
12	353-851	Body - Relief CP-RC Mod.	1
13	353-392	Seal - Relief Poppet PTFE	2
14	353-531	Poppet Assy. (Incl. Ref. #13)	2
15	353-328	Washer - Shim	A/R
16	353-329	Washer - Shim	A/R
17	353-330	Washer - Shim	A/R
18	353-855	Spring	2
19	353-334	Cap - Relief	2
20	3274-52	Screw - Hex, Socket Hd.	4
21	353-575	Boot - Dust Cap	2
22	93-3651	Retainer - Boot	2
24	92-2547	Plate - Seal Retainer	4

Ref. No.	Part No.	Description	No. Used
25	92-2546	Wiper - Seal	4
26	353-957	Seal - Lip	4
27	353-301	Poppet	1
28	353-304	Spring	1
29	353-331	O-Ring	1
30	353-760	Body Relief	1
31	353-758	Seal - O-Ring	1
32	353-952	Ring - Backup	1
33	3217-7	Nut - Hex	3
34	353-772	Left End Cover	1
35	353-721	Plug (Incl. Ref. #6)	2
†36		O-Ring	3
†37		O-Ring	4
†38		Housing Section #1	1
†39		Spool V20 SPL	1
40	353-417	Collar Spring	2
41	92-3058	Spring - Centering	1
42	353-780	Bonnet - R. Detent	1
43	3274-15	Screw - Fillister Hd.	2
44	353-780	Cap - Adjustment (Incl. Ref. #42)	1
45	353-579	Spring	1
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-1318-4

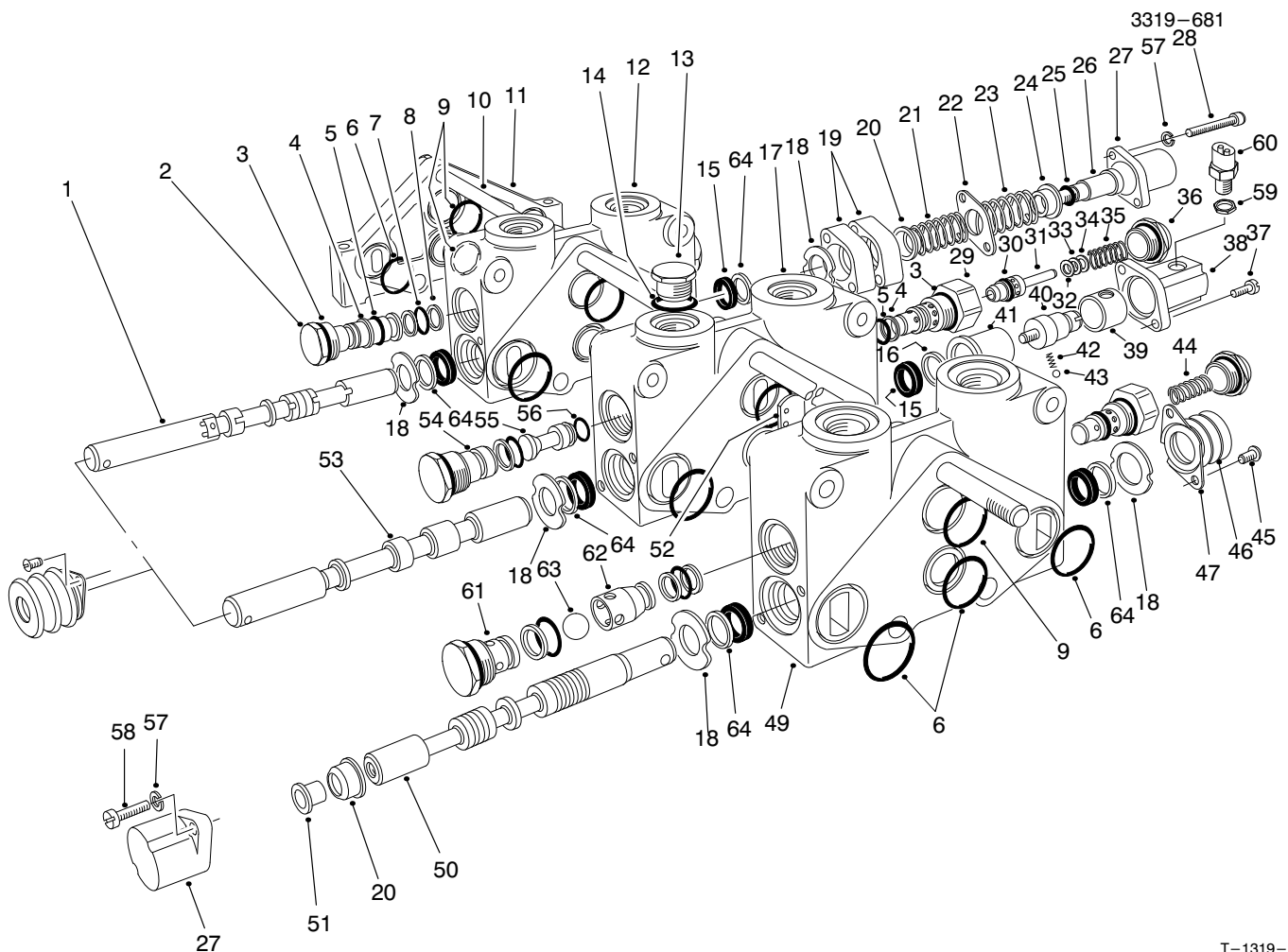
CONTROL VALVE ASSEMBLY NO. 84-2203 (Sections 1 And 2) (Continued)

Ref. No.	Part No.	Description	No. Used
48	354-29	Plate - Thrust	1
50	353-728	Sleeve	1
49	353-762	Spud - Detent Out	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. #40-49)	1

Ref. No.	Part No.	Description	No. Used
*	353-839	Positioner - DI (SPL) Assy. (Incl. Ref. #1-4 & 50)	1
*	353-642	Relief - RC Mod. (Incl. Ref. #6-8 & 12-19)	2
*	93-3652	Boot - Spool Assembly (Incl. Ref. #20-22)	2
*	84-2190	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



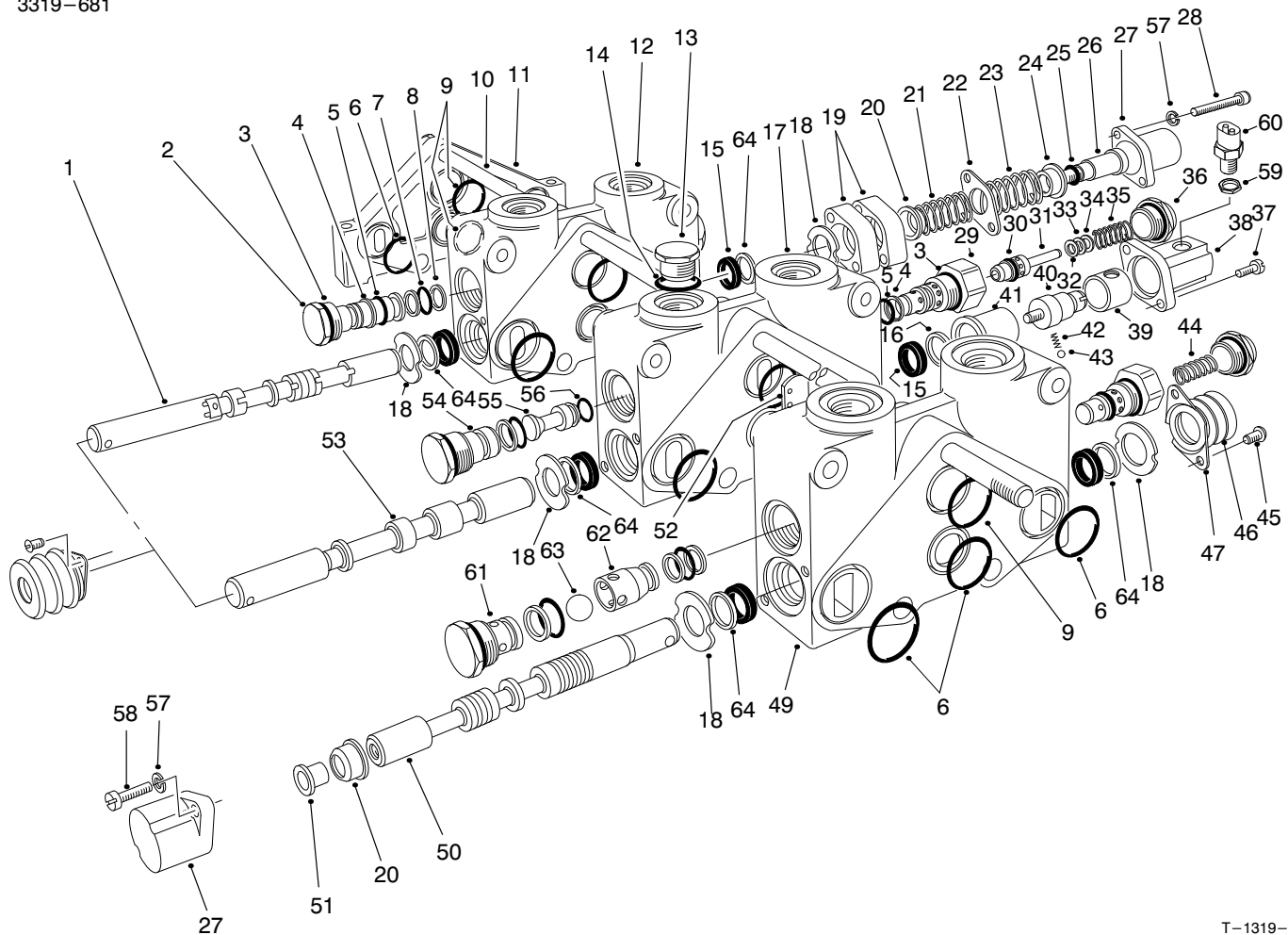
T-1319-2

CONTROL VALVE ASSY. NO. 84-2203 (Sections 3 Thru 5)

Ref. No.	Part No.	Description	No. Used
1	94-5434	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	92-3148	Spring	1

Ref. No.	Part No.	Description	No. Used
24	353-808	Collar - Spring	1
25	353-830	O-Ring	1
26	94-4248	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	93-3651	Retainer - Boot	3

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



T-1319-2

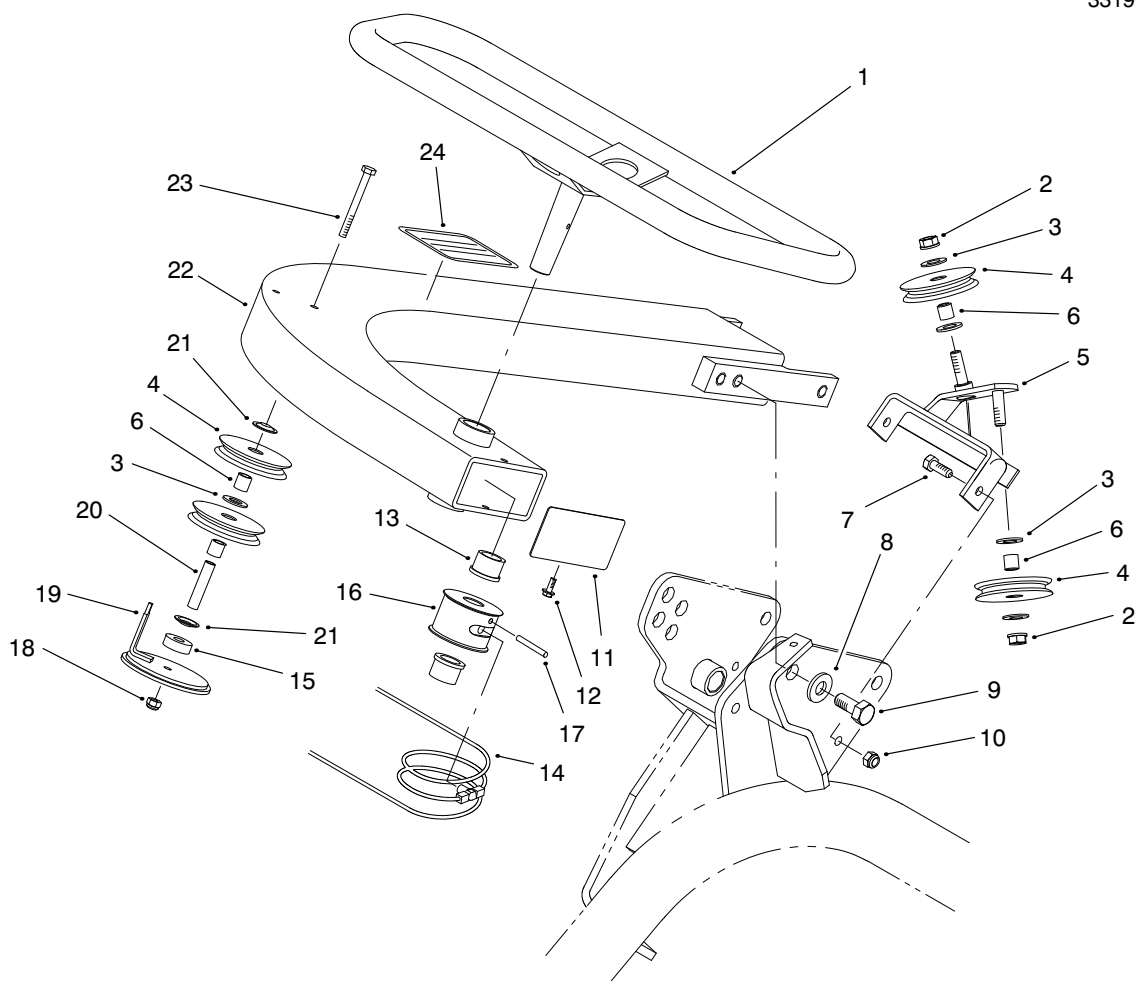
CONTROL VALVE ASSEMBLY NO. 84-2203 (Sections 3 Thru 5) (Continued)

Ref. No.	Part No.	Description	No. Used
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
*	93-3652	Boot - Spool Assembly (Incl. Ref. #45-47)	3
*	354-131	Section #3 Assembly (Complete)	1

Ref. No.	Part No.	Description	No. Used
*	354-25	Section #4 Assembly (Complete)	1
*	93-1386	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
*	84-2203	Control Valve Assembly Complete	1
*	92-2548	Seals - Spool (Single 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

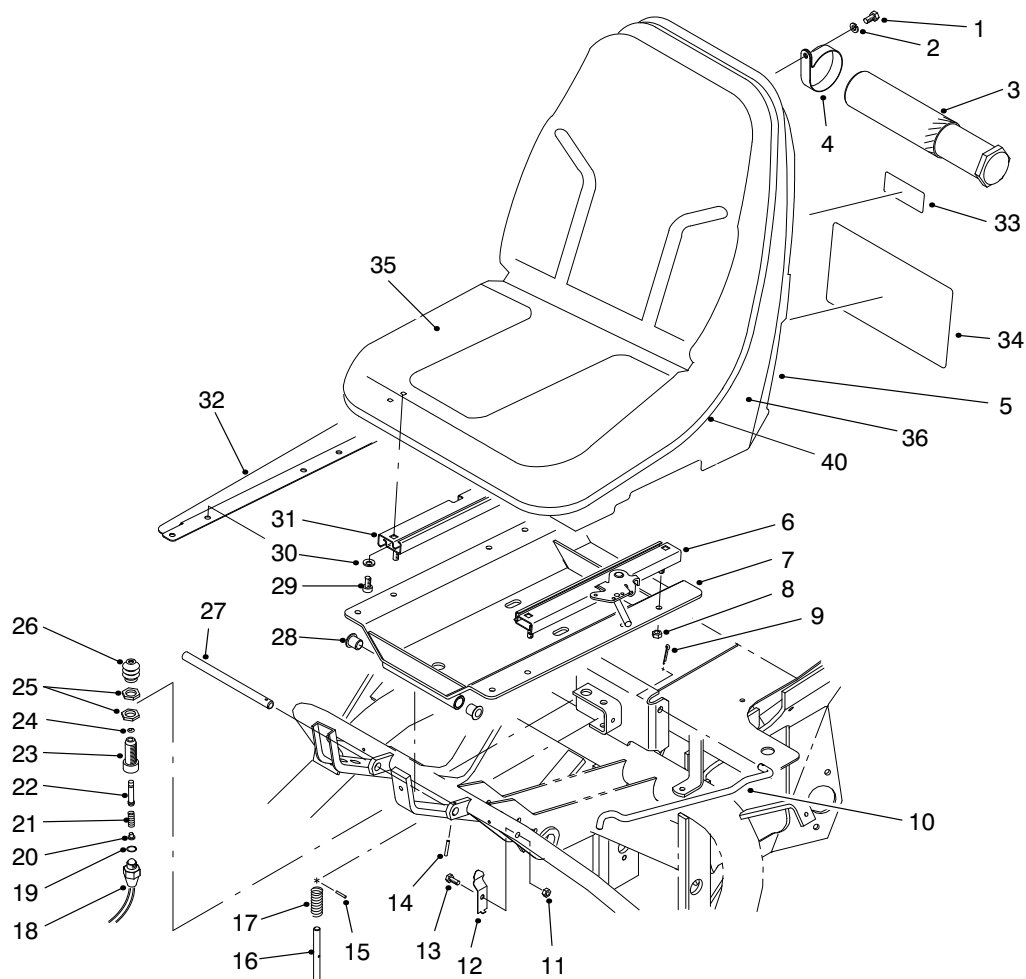
†Parts Available as Assemblies Listed as (*Not Illustrated) on This Page



T-2701-3

STEERING ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	49-5900	Wheel - Steering	1	13	256-113	Bushing	2
2	3296-59	Nut - Lock	2	14	95-5965	Cable - Steering	1
3	3256-4	Washer - Flat	5	15	95-5963	Spacer - Pulley	1
4	5-2653	Pulley Assembly (Incl. Ref. #6)	4	16	95-7149	Pulley - Front Steering	1
5	95-2932	Bracket - Pulley	1	17	32121-44	Pin - Roll	1
6	256-2	Bushing	4	18	3296-16	Nut - Lock	1
7	322-4	Screw - HH	2	19	95-5959	Pulley - Support	1
8	3256-26	Washer - Flat	4	20	10-7240	Sleeve	1
9	325-2	Screw - HH	4	21	3290-314	Nut - Push	2
10	3296-29	Nut - Lock	2	22	95-2941	Steering Arm Assembly	1
11	95-7140	Tube - Cap	1	23	321-15	Screw - HH	1
12	32104-76	Screw - Acorn	2	24	93-8063	Decal - Danger	1



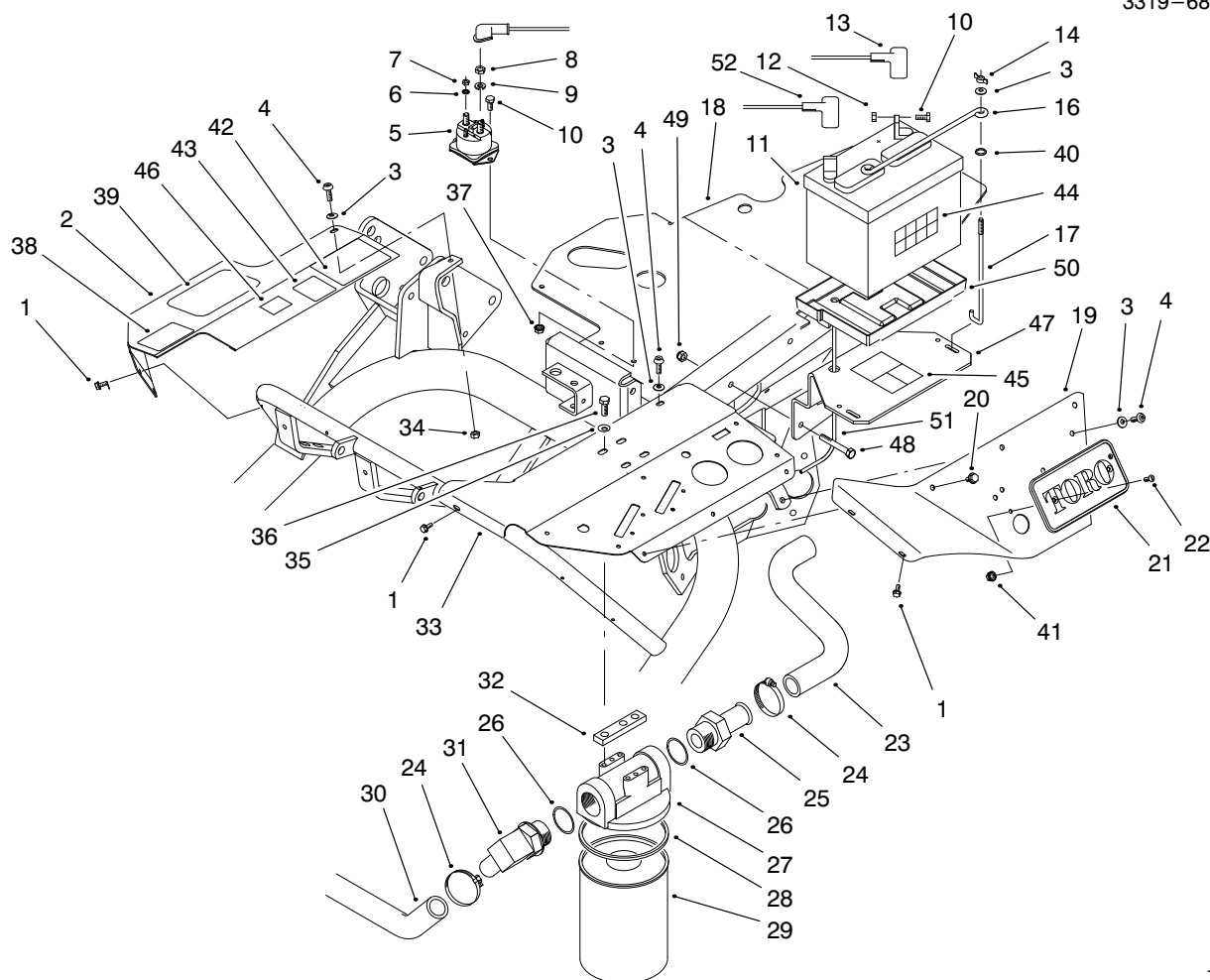
T-1290-2

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-2	Screw - Cap Hex. Hd.	2
2	3253-4	Washer - Lock	2
3	74-0720	Tube - Manual	1
4	2412-133	Clamp - R	2
5	92-1180	Seat Assembly (Incl. Ref. #35, 36 & 40)	1
6	51-0790	Adjuster - Seat	1
7	83-1270	Seat Support Assembly (Incl. Ref. #28)	1
8	3296-29	Nut - Lock	4
9	3272-11	Pin - Cotter	1
10	68-5100	Rod - Seat Prop	1
11	3296-16	Nut - Lock	1
12	68-5310	Clip - Seat Rod	1
13	321-3	Screw - Cap Hex. Hd.	1
14	32121-45	Pin - Roll	1
15	3284-3	Pin - Groove	1
16	51-0350	Pin - Seat Spring	1
17	3-6685	Spring - Compression	1
18	72-4320	Switch - Ball	1
19	237-30	Seal - O-Ring	1
20	43-8610	Seat - Ball	1
21	43-8600	Spring - Compression	1
22	43-8860	Plunger - Switch	1
23	43-8620	Guide - Switch	1
24	237-7	Seal - O-Ring	1
25	218-461	Nut - Hex.	2

Ref. No.	Part No.	Description	No. Used
26	43-8870	Boot - Switch	1
27	49-5880	Shaft - Seat Support	1
28	256-155	Bushing - Flange	2
29	3274-12	Screw - Hex. Socket Hd.	4
30	3256-23	Washer - Flat	4
31	51-0780	Slider - Seat	1
32	83-1840	Cover - R.H.	1
33	93-8067	Decal - Oil	1
34	95-7113	Decal - Service	1
34	95-7124	Decal - Service (Spanish)	1
34	95-7125	Decal - Service (French)	1
34	95-7126	Decal - Service (German)	1
34	95-7127	Decal - Service (Swedish)	1
34	95-7128	Decal - Service (Italian)	1
34	95-7129	Decal - Service (Portuguese)	1
34	95-7130	Decal - Service (Norwegian)	1
34	95-7131	Decal - Service (Finnish)	1
34	95-7132	Decal - Service (Danish)	1
34	95-7133	Decal - Service (Dutch)	1
34	95-7143	Decal - Service (Japanese)	1
35	92-6533	Kit - Cushion	1
36	92-6534	Shell	1
40	351-78	Edging	1
*	43-9071	Seat Switch Assembly (Incl. Ref. #18-26)	1

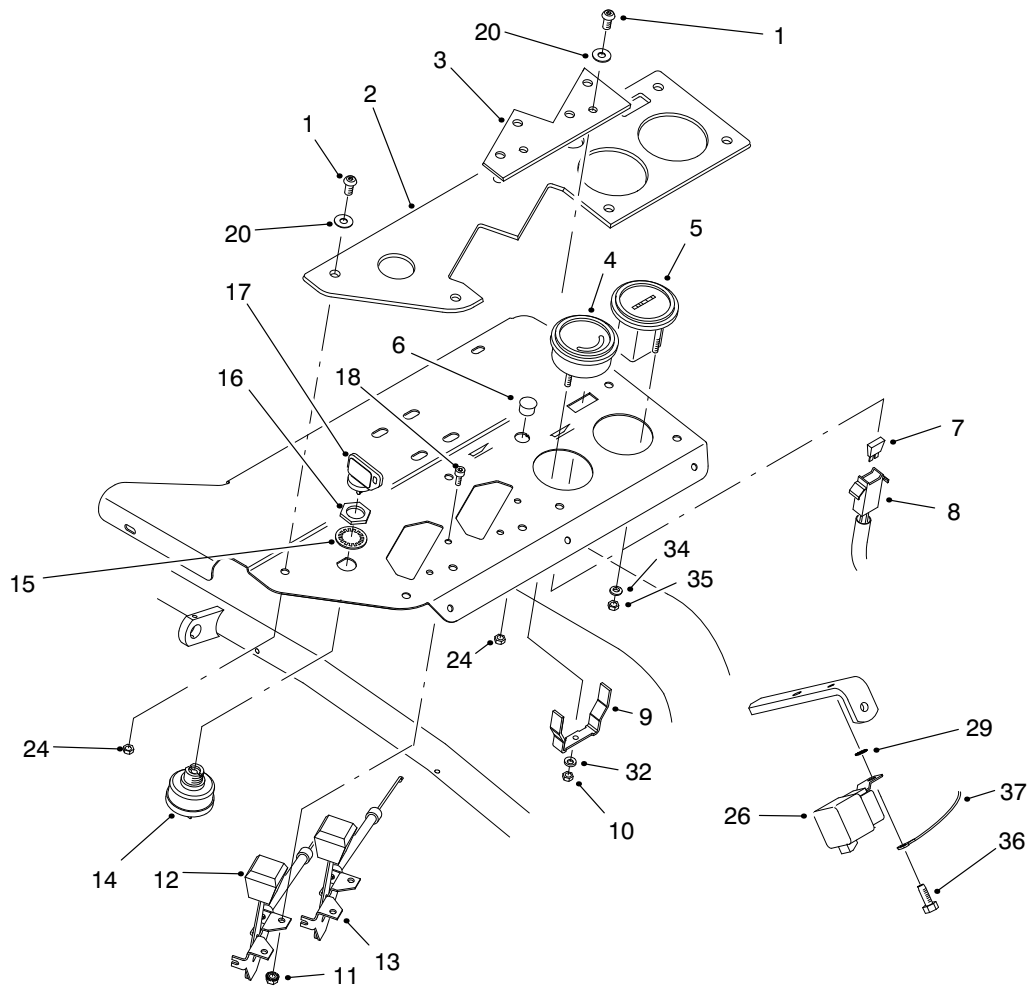
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T-2702-3

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32104-76	Screw - Self Tapping	5	28	72-3850	Seal - Filter	1
2	94-2694	Cover - R.H.	1	29	74-3570	Filter - Hydraulic Oil (Incl. Ref. #28)	1
3	3256-22	Washer - Flat	5	30	68-5880	Hose - Hydraulic	1
4	3274-69	Screw - Hex. Socket Hd.	3	31	353-564	Fitting - Hydraulic 90° (Incl. Ref. #26)	1
5	28-4210	Solenoid - Starter	1	32	27-2380	Spacer	2
6	3254-1	Washer - Lock	2	33	83-0830	Panel - Control Upper	1
7	3219-14	Nut - Hex.	2	34	3296-16	Nut - Lock	3
8	3218-13	Nut - Jam	2	35	3256-23	Washer - Flat	4
9	3253-4	Washer - Lock	2	36	322-4	Screw - Cap Hex. Hd.	4
10	321-3	Screw - Cap Hex. Hd.	4	37	32149-2	Nut - Keps	2
11	28-1400	Battery	1	38	93-8065	Decal - Traction	1
12	3217-5	Nut - Hex.	2	39	67-1300	Decal - TORO	1
13	28-8080	Boot Terminal	1	40	237-143	Grommet	2
14	32103-12	Nut - Wing	2	41	32149-7	Nut - Keps	2
16	72-4790	Hold-Down - Battery	1	42	92-5524	Decal - Noise Rating	1
17	56-7720	Bolt - Battery	2	43	63-9920	Decal - EEC	1
18	95-5981	Frame Assembly	1	44	93-7276	Decal - Danger	1
19	83-0840	Fender - L.H.	1	45	93-6668	Decal - Danger	1
20	46-8560	Screw - Self Taping	3	46	93-7252	Decal - C.E. Mark	1
21	61-3310	Plate - Logo	1	47	95-7122	Battery Base Assembly	1
22	3290-470	Screw - Flat Hd.	2	48	322-11	Screw - HH	2
23	95-7119	Hose - Hydraulic	1	49	3296-29	Nut - Hex. Lock	2
24	2412-34	Clamp - Hose	3	50	106948	Tray - Battery	1
25	353-563	Fitting - Hydraulic Straight (Incl. Ref. #26)	1	51	98-0601	Tube - Battery Drain	1
26	237-101	Seal - O-Ring	2	52	98-0603	Boot - Terminal	1
27	44-5560	Head - Oil Filter	1				

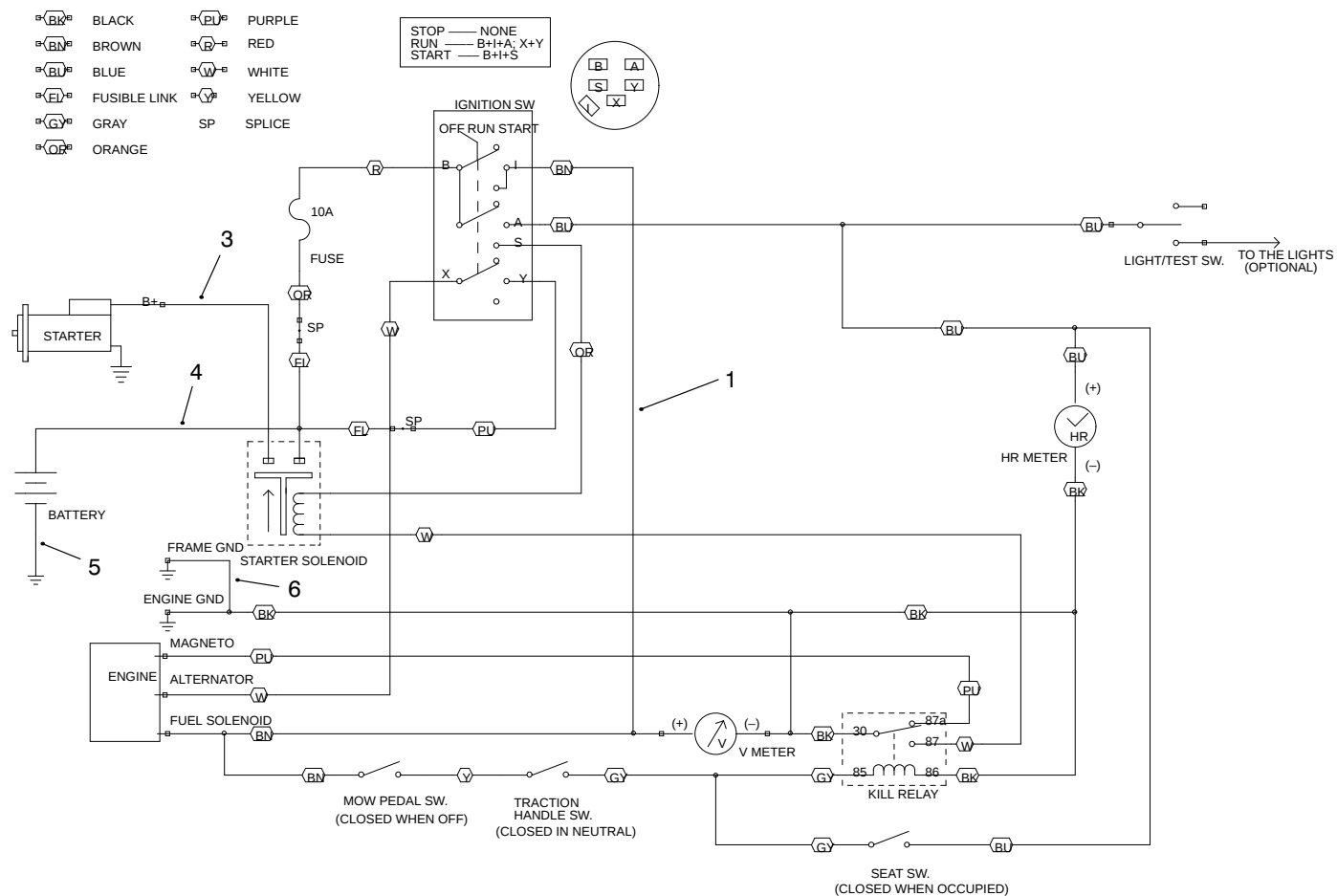


T-2714-3

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3274-69	Screw - Hex. Socket Hd.	8
2	93-8061	Plate - Control	1
3	83-2030	Plate - Filler	1
4	98-2160	Gauge - Voltmeter (Incl. Ref. #9-10 & 32)	1
5	66-2950	Gauge - Hourmeter (Incl. Ref. #34 & 35)	1
6	2410-64	Plug - Hole	1
7	218-578	Fuse - 10 Amp	1
8	98-2163	Harness - Wire (Main)	1
9	78-0080	Clamp - Mounting	1
10	3217-27	Nut - Hex.	1
11	3296-27	Nut - Lock	4
12	83-0030	Control - Throttle	1
13	83-0040	Control - Choke	1

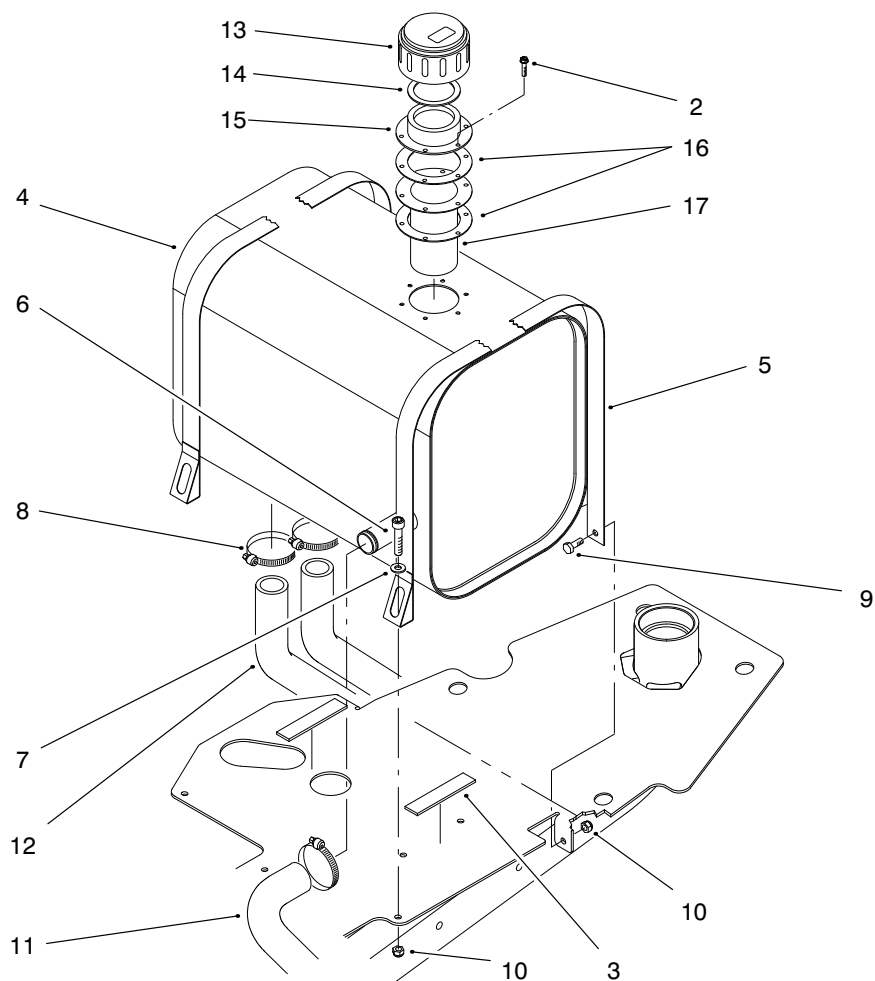
Ref. No.	Part No.	Description	No. Used
14	88-9830	Ignition Switch Assembly (Incl. Ref. #15-16)	1
15	3254-5	Washer - Lock	2
16	218-461	Nut - Hex.	2
17	63-8360	Key - Ignition	1
18	3273-26	Screw - Hex. Socket Hd.	4
20	3256-1	Washer - Flat	8
24	3296-16	Nut - Lock	8
26	70-1480	Relay	1
29	3255-7	Washer - Lock, Int. Tooth	1
32	3255-25	Washer - Lock, Ext. Tooth	1
34	3255-20	Washer - Lock, Ext. Tooth	2
35	3217-25	Nut - Hex.	2
36	32104-95	Screw - Hex. Hd.	1
37	83-1150	Wire Asm - Engine Ground	1



T-2824-1

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	98-2163	Wire Harness – Main	1	5	98-0604	Cable Assembly – Negative	1
3	98-2161	Wire Assembly	1	6	83-1150	Wire Asm – Engine Ground	1
4	95-7144	Cable Assembly – Positive	1				

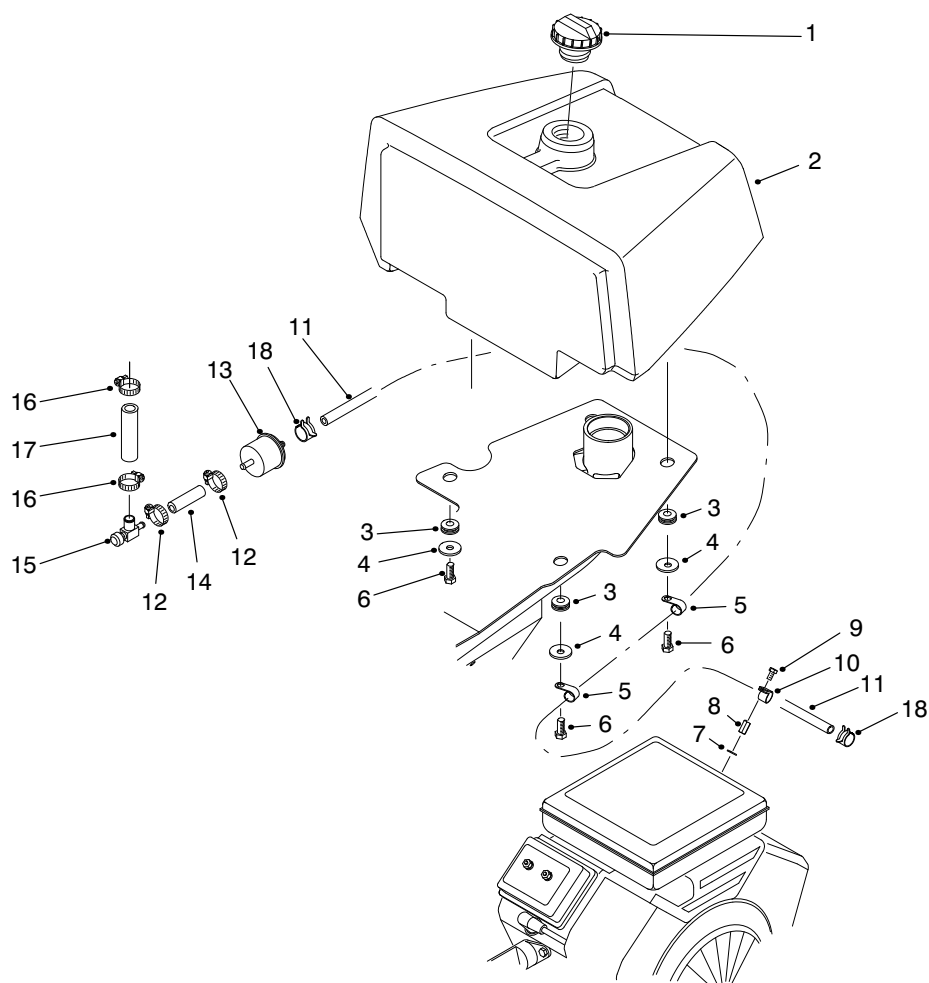


T-2703-1

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	32144-34	Screw - Hex. Slot	6	11	95-7119	Hose - Return Line	1
3	95-5951	Strip - Seal	2	12	95-5966	Hose - Pump Inlet	2
4	95-7118	Tank - Hydraulic	1	13	353-962	Cap	1
5	27-2400	Strap - Reservoir Assembly	2	14	76-1720	Gasket - Filler Cap	1
6	3274-19	Screw - Hex. Socket Hd.	2	15	353-961	Flange	1
7	3256-22	Washer - Flat	2	16	353-963	Gasket	2
8	2412-34	Clamp - Hose	3	17	62-2610	Strainer - Filler Cap	1
9	321-3	Screw - Hex. Hd.	2	*	62-2570	Filler Cap Assembly (Incl. Ref. #13-17)	1
10	3296-16	Nut - Lock	4				

*Not Illustrated

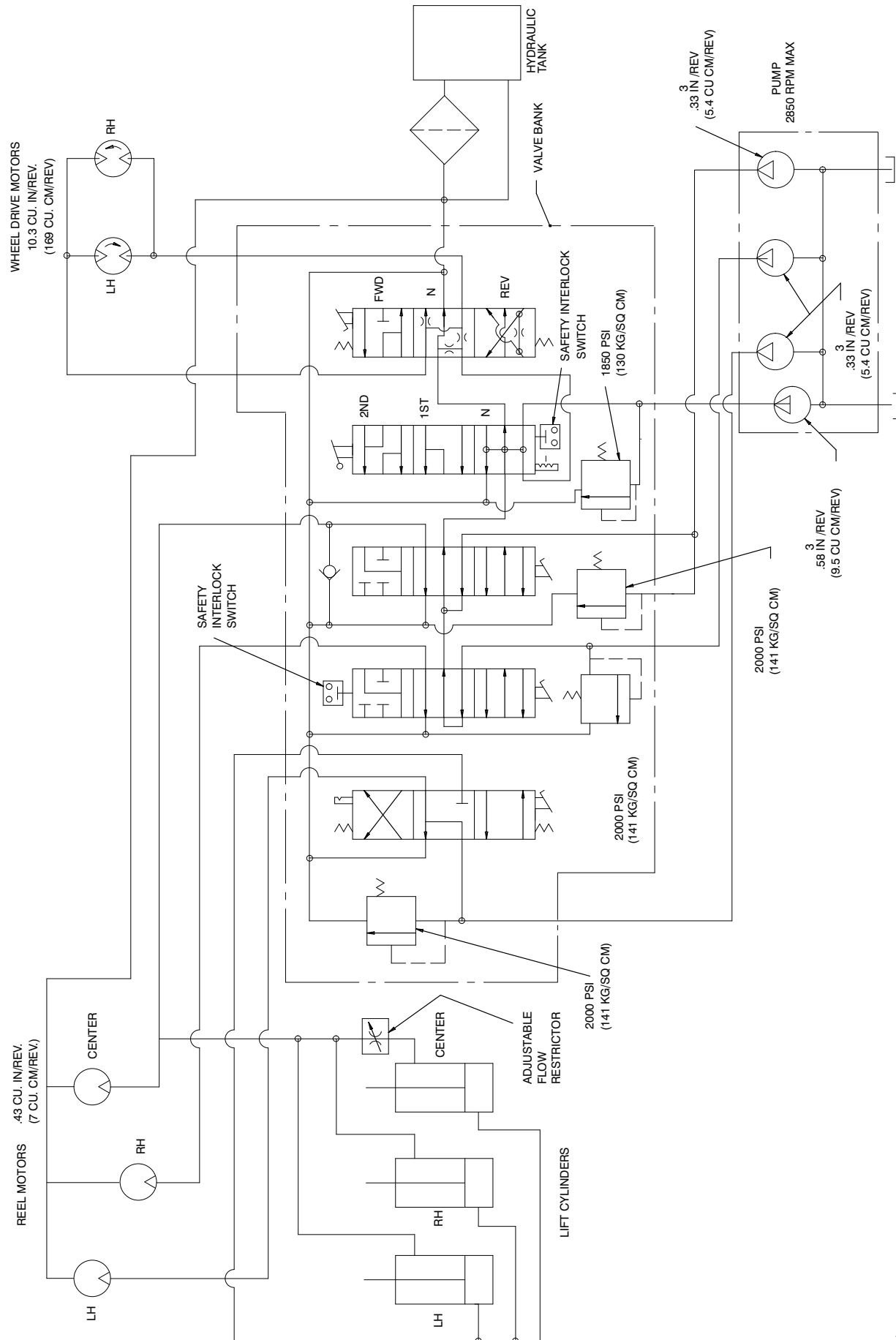


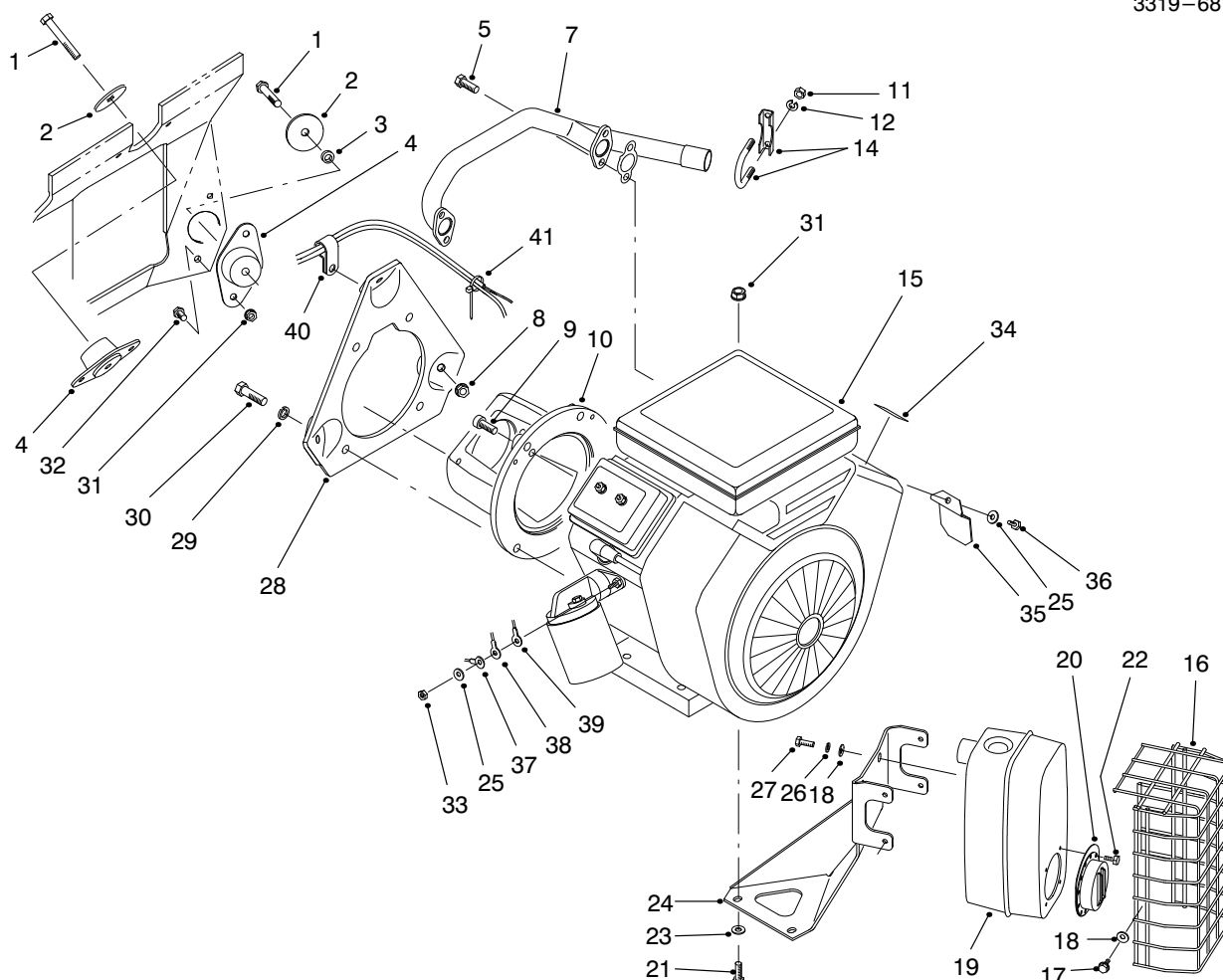
T-1317-3

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-7170	Cap - Fuel	1	10	2412-94	Clamp - R	1
2	92-7189	Tank - Fuel	1	11	83-2041	Hose - Fuel	1
3	240-11	Grommet	4	12	2412-108	Clamp - Hose	2
4	63-8410	Washer - Flat	4	13	94-2690	Filter - Fuel	1
5	2412-41	Clamp - R	3	14	83-2040	Hose - Fuel	1
6	323-6	Screw - Cap Hex. Hd.	3	15	83-1390	Fitting - Fuel Shut-Off	1
7	3256-63	Washer - Flat	1	16	2412-36	Clamp - Hose	2
8	83-2200	Nut - Special	1	17	56-2230	Hose - Fuel	1
9	48-7610	Screw - Cap Hex. Hd.	1	18	2412-98	Clamp - Hose	2

HYDRAULIC SCHEMATIC



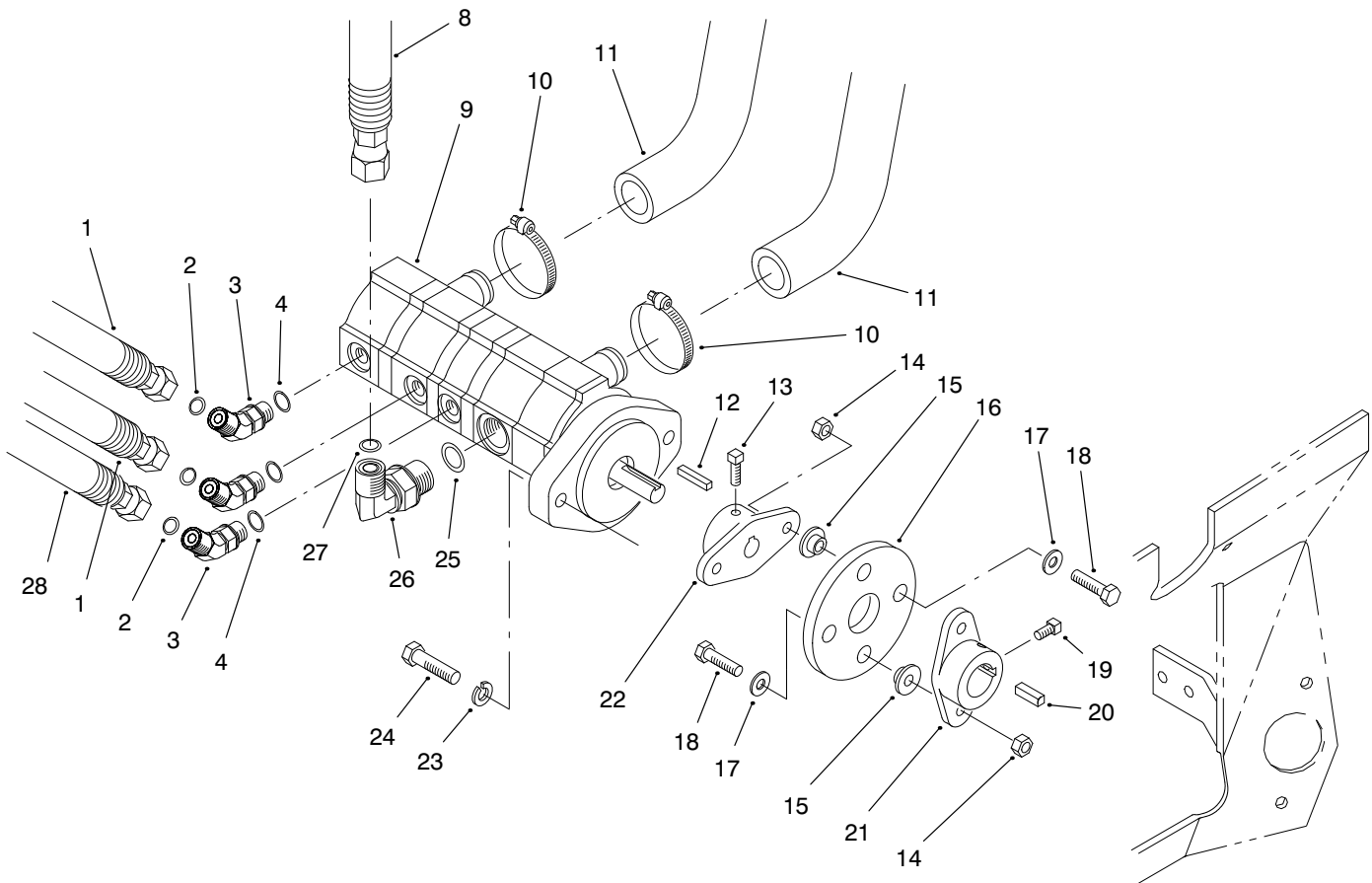


ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-12	Screw - Cap Hex. Hd.	3	21	322-8	Screw - Cap Hex. Hd.	2
2	83-1040	Washer - Mount	3	†22	94896	Screw - Cap Hex. Hd.	4
3	83-1050	Spacer - Mount	2	23	3256-23	Washer - Flat	2
4	83-1030	Mount - Engine	3	24	83-1630	Bracket - Muffler Support	1
5		Screw - Cap Hex. Hd.	4	25	43-5930	Washer - Lock	2
7	83-1080	Pipe - Exhaust	1	26	3253-3	Washer - Lock	4
8	3290-357	Nut - Flange Lock	3	27	49-2040	Screw - Thread Forming	4
9	3274-7	Screw - Socket Hd.	2	28	85-8120	Plate - Engine Mount	1
10	83-1060	Adapter - Pump	1	29	3253-6	Washer - Lock	4
11		Nut - Hex.	2	30	324-7	Screw - Cap Hex. Hd.	4
12		Washer - Lock	2	31	32128-20	Nut - Flange Lock	8
14	2112-11	Clamp - Muffler (Incl. Ref. #11 & 12)	1	32	322-3	Screw - Cap Hex. Hd.	6
15	98-0636	Engine Assembly (Incl. Ref. #5)	1	33	43-2830	Nut - Hex	1
16	83-1400	Shield - Muffler	1	34	93-8069	Decal - Warning	1
17	12-3270	Screw - Hex. Washer Hd.	4	35	83-2310	Shield	1
18	3256-1	Washer - Flat	8	36	48-7620	Screw - Cap Hex. Hd.	1
19	98-0616	Muffler	1	37	95-7145	Wire Asm - Engine Ground	1
*	83-2240	Arrestor - Spark (Optional)	1	38	95-7142	Wire Harness - Main	1
†20	397630	Deflector - Exhaust	1	39		Cable Assembly - Negative	1
				40	2412-81	R-Clamp	1
				41	3290-378	Tie - Cable	1
				*	250-6	Tie - Cable	2

*Not Illustrated

†Obtain replacement parts from your local Briggs & Stratton Dealer.

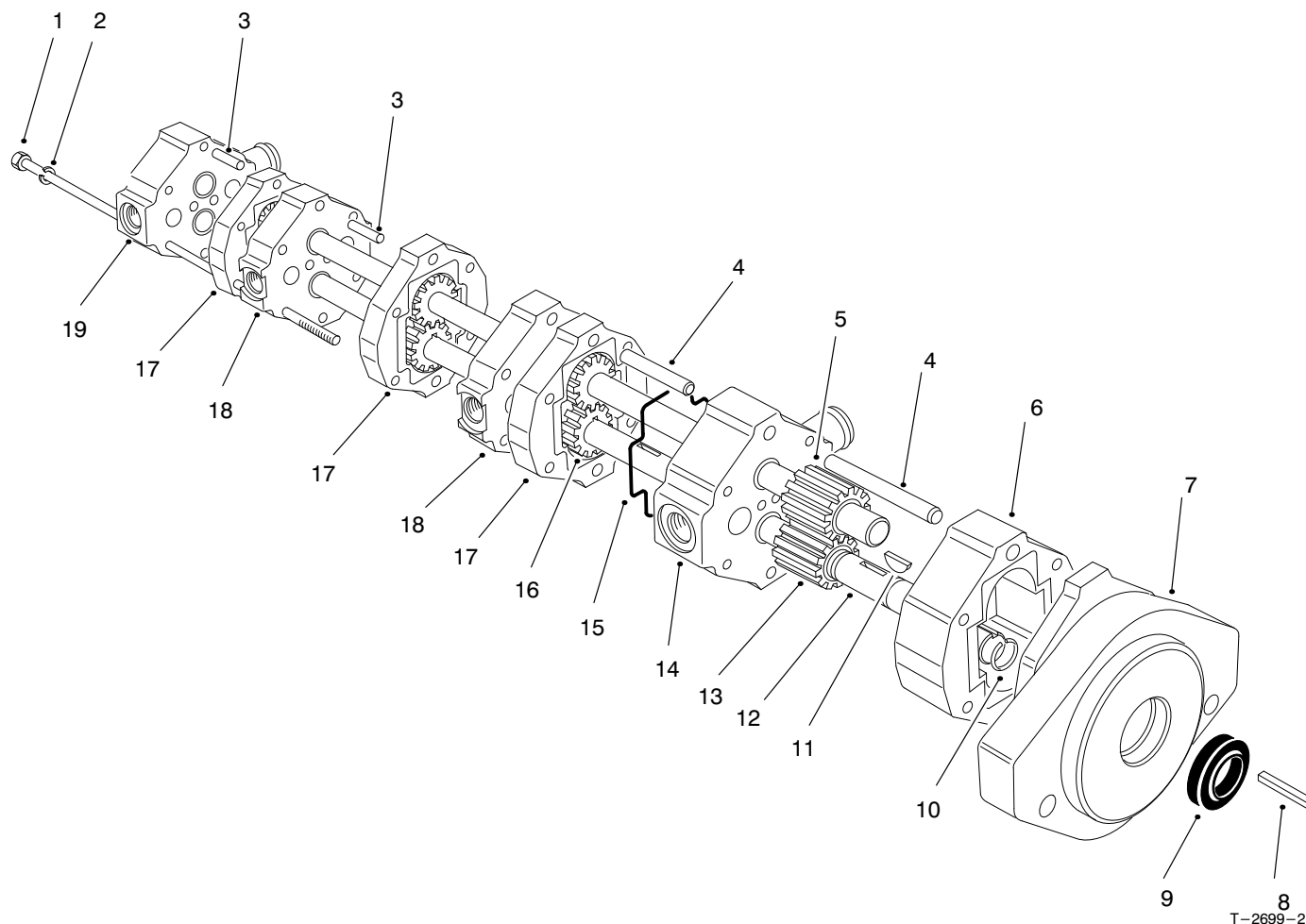


T-2698-2

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	98-0649	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	3
8	98-2151	Hose – Hydraulic	1
9	95-5976	Hydraulic Pump Assembly (Incl. Ref. #12)	1
10	2412-34	Clamp – Hose	2
11	95-5966	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

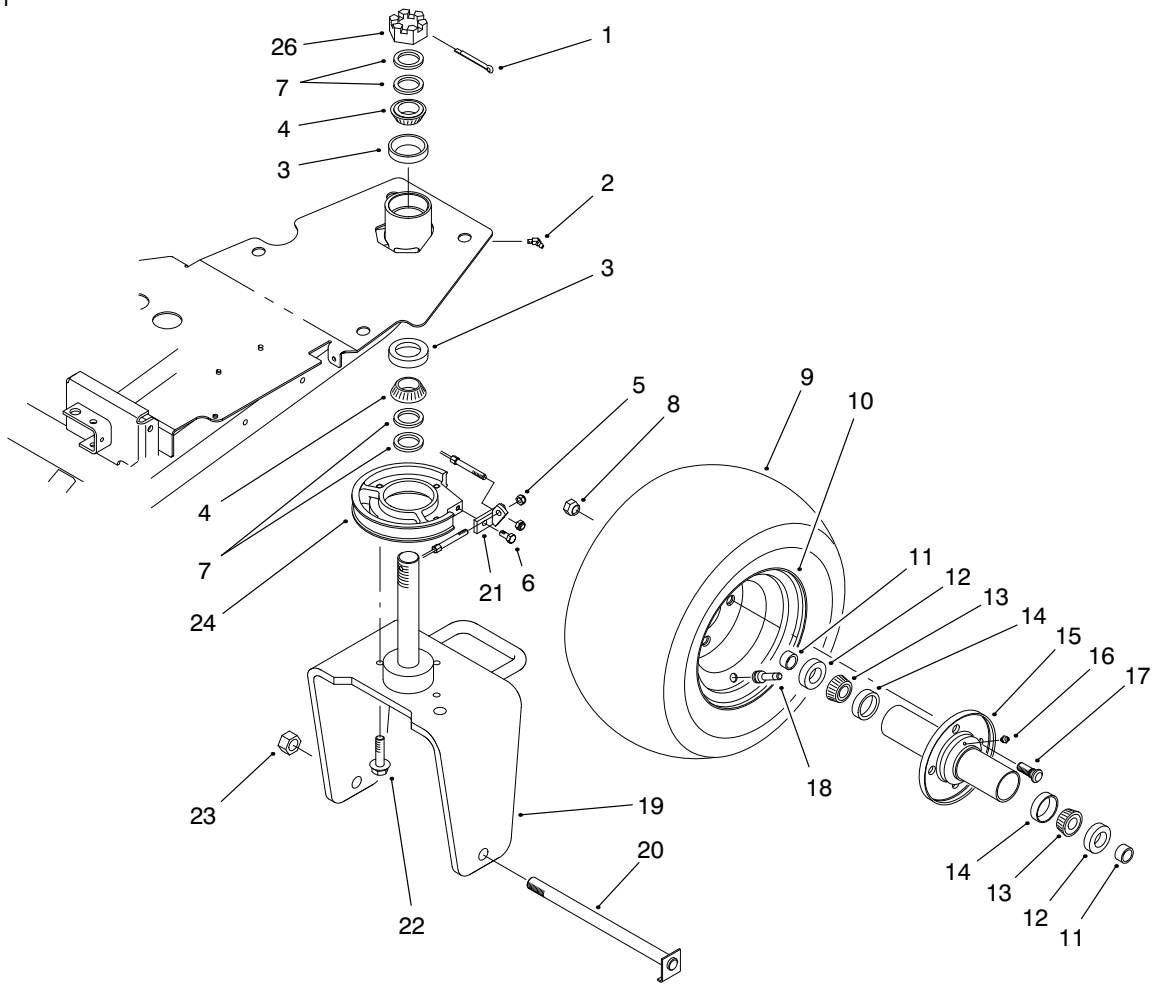
Ref. No.	Part No.	Description	No. Used
16	44-2230	Coupling – Rubber	1
17	3256-23	Washer – Flat	4
18	322-6	Screw – Cap Hex. Hd.	4
19	3241-2	Screw – Set Square Hd.	2
20	10-7070	Key – Square	1
21	27-1960	Hub – Engine	1
22	27-1970	Hub – Pump	1
23	3253-21	Washer – Lock	2
24	323-8	Screw – Cap Hex. Hd.	2
25	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	98-2150	Hose – Hydraulic	1



HYDRAULIC PUMP NO. 95-5976

Ref. No.	Part No.	Description	No. Used
1	354-16	Washer - Lock	4
2	98-0614	Stud - Threaded	4
3	354-11	Pin - Dowel	4
4	98-0610	Pin - Dowel	4
5	98-0608	Idler Shaft	1
6	353-919	Plate - Gear Pump B	1
7	98-0611	Body Assembly	1
8	5-0946	Key - Square	1
9	354-15	Seal - Shaft	1
10	353-886	Ring - Retaining	4

Ref. No.	Part No.	Description	No. Used
11	353-884	Key - Woodruff	5
12	98-0609	Shaft - Drive	1
13	92-9773	Gear - 59B	2
14	353-3	Bearing Plate Assembly	1
15	353-922	Seal - Ring	8
16	353-967	Gear - 33B	6
17	353-969	Plate - Gear 33B	3
18	98-0612	Bearing Plate Assembly	2
19	98-0613	Cover Assembly	1

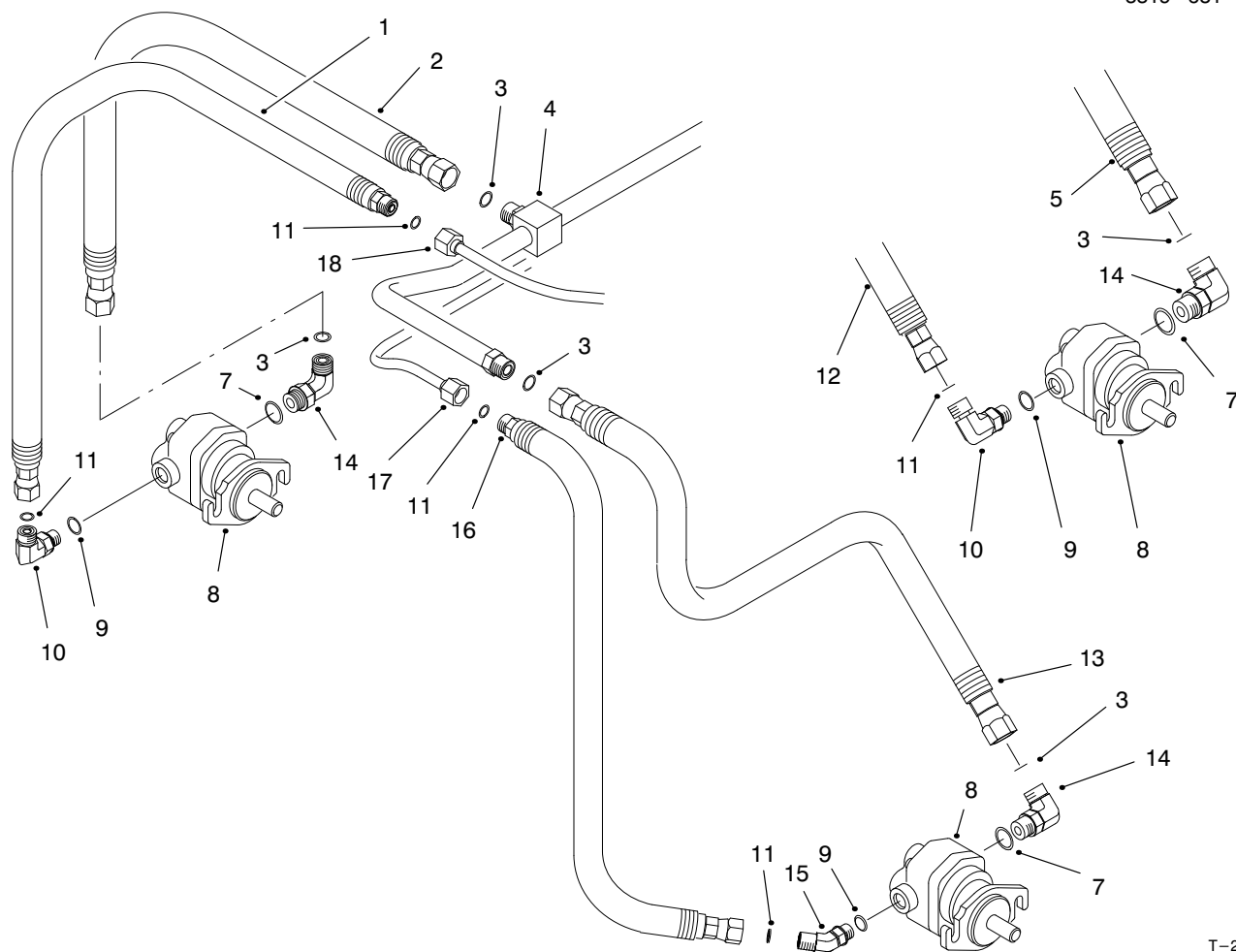


T-2700-2

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272-37	Pin - Cotter	1
2	302-11	Fitting - Grease	1
3	254-61	Cup - Bearing	2
4	254-70	Cone - Bearing	2
5	3296-4	Nut - Lock NI	2
6	322-3	Screw - HH	1
7	18-6320	Washer - Steering	4
8	242-50	Nut - Lug	4
9	28-3680	Tire	1
10	217-60	Rim	1
11	74-3730	Spacer - Hub	2
12	253-111	Seal - Shaft	2
13	254-78	Cone - Bearing	2

Ref. No.	Part No.	Description	No. Used
14	254-79	Cup - Bearing	2
15	75-9440	Hub - Wheel	1
16	302-55	Fitting - Grease	1
17	10-6830	Stud - Drive	4
18	232-24	Valve Stem w/Cap	1
19	95-5952	Fork - Castor	1
20	5-3934	Bolt - Castor	1
21	95-5956	Cable Anchor Assembly	1
22	3234-24	Screw - HH	3
23	3296-67	Nut - Lock	1
24	95-5955	Drum - Steering	1
26	32136-9	Nut - Hex. Slotted	1

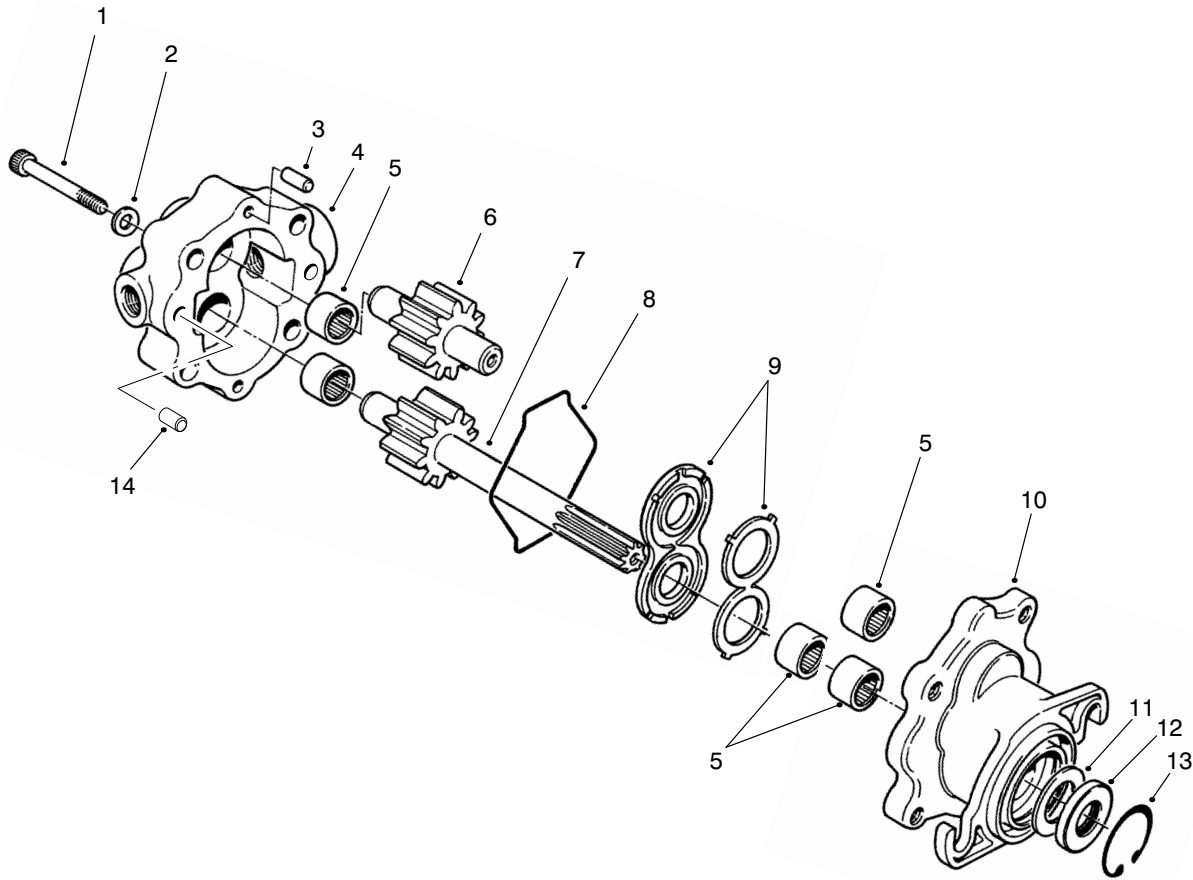


T-2719-2

REEL MOTOR INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95-5984	Hydraulic Hose Assembly	1
2	95-5985	Hydraulic Hose Assembly	1
3	237-30	Seal - O-Ring	5
4	63-4040	Hydraulic Tube Assembly (Incl. Ref. #3)	1
5	63-3840	Hydraulic Hose Assembly	1
7	237-79	Seal - O-Ring	3
8	94-3506	Reel Motor Assembly	3
9	237-42	Seal - O-Ring	3
10	340-77	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11)	2

Ref. No.	Part No.	Description	No. Used
11	237-22	Seal - O-Ring	5
12	74-3830	Hydraulic Hose Assembly	1
13	95-5989	Hydraulic Hose Assembly	1
14	340-98	Fitting - Hydraulic 90° (Incl. Ref. #3 & 7)	3
15	340-87	Fitting - Hydraulic 45° (Incl. Ref. #9 & 11)	1
16	95-5988	Hydraulic Hose Assembly	1
17	63-4020	Tube - Hydraulic	1
18	63-4030	Tube - Hydraulic	1



T-1872

REEL MOTOR NO. 94-3506

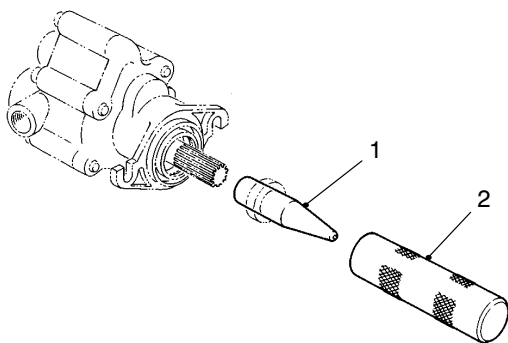
Ref. No.	Part No.	Description	No. Used
1	354-50	Screw - Hex Socket Hd.	4
2	354-51	Washer	4
3	353-599	Pin - Dowel	2
4	94-3507	Cover Assembly (Incl. Ref. #5)	1
5		Bearing - Needle	5
6	94-3509	Idler Gear Assembly	1
7	94-3508	Drive Shaft Assembly	1
8	354-46	Ring - Seal	1

Ref. No.	Part No.	Description	No. Used
9	74-3810	Load Plate Assembly	1
10	92-8795	Body Assembly (Incl. Ref. #5	1
11		Spacer	1
12		Seal - Shaft	1
13	32151-41	Ring - Retaining	1
14	92-8796	Pin - Dowel	2
*	92-8863	Repair Kit (Incl. Ref. #8 & 11-13)	1

*Not Illustrated

SPECIAL TOOLS

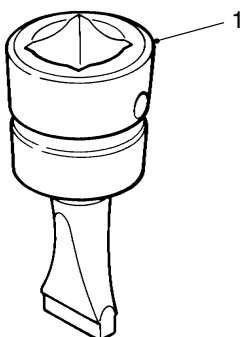
REEL MOTOR SEAL INSTALLATION TOOLS



T-0727

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

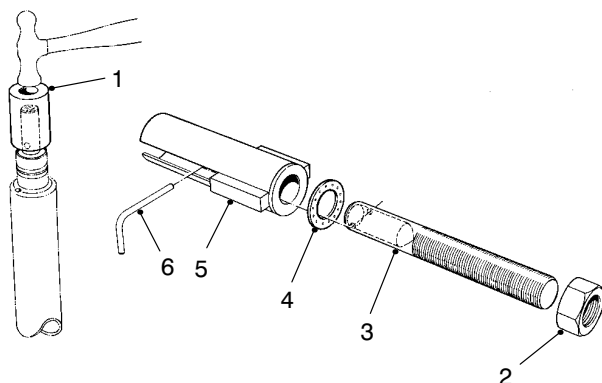
BED KNIFE SCREW TOOL NO. TOR510880



T-0729

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

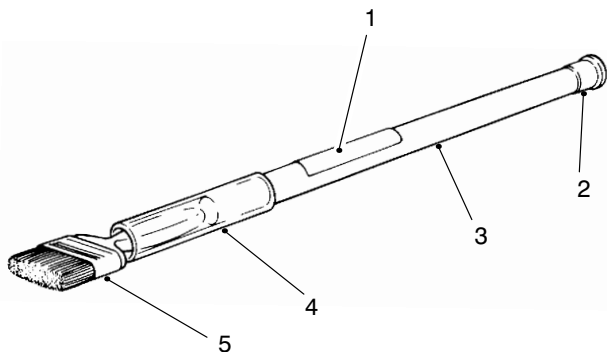
BEARING REPLACEMENT TOOL KIT NO. TOR238900



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



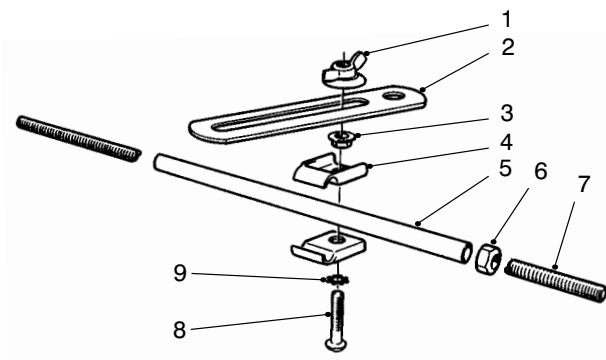
T-0731

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)

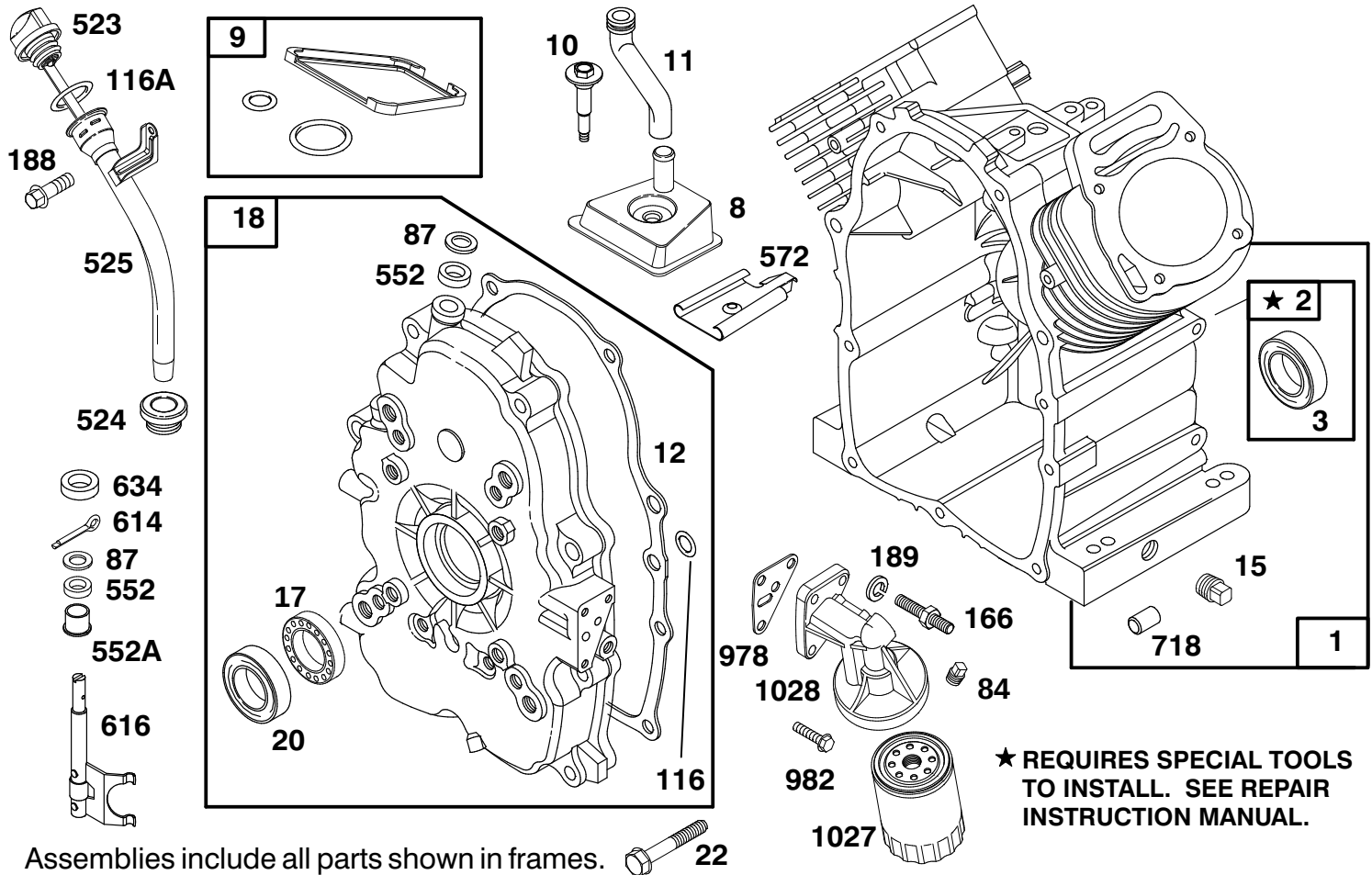
ALIGNMENT TOOL NO. TOR200120



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

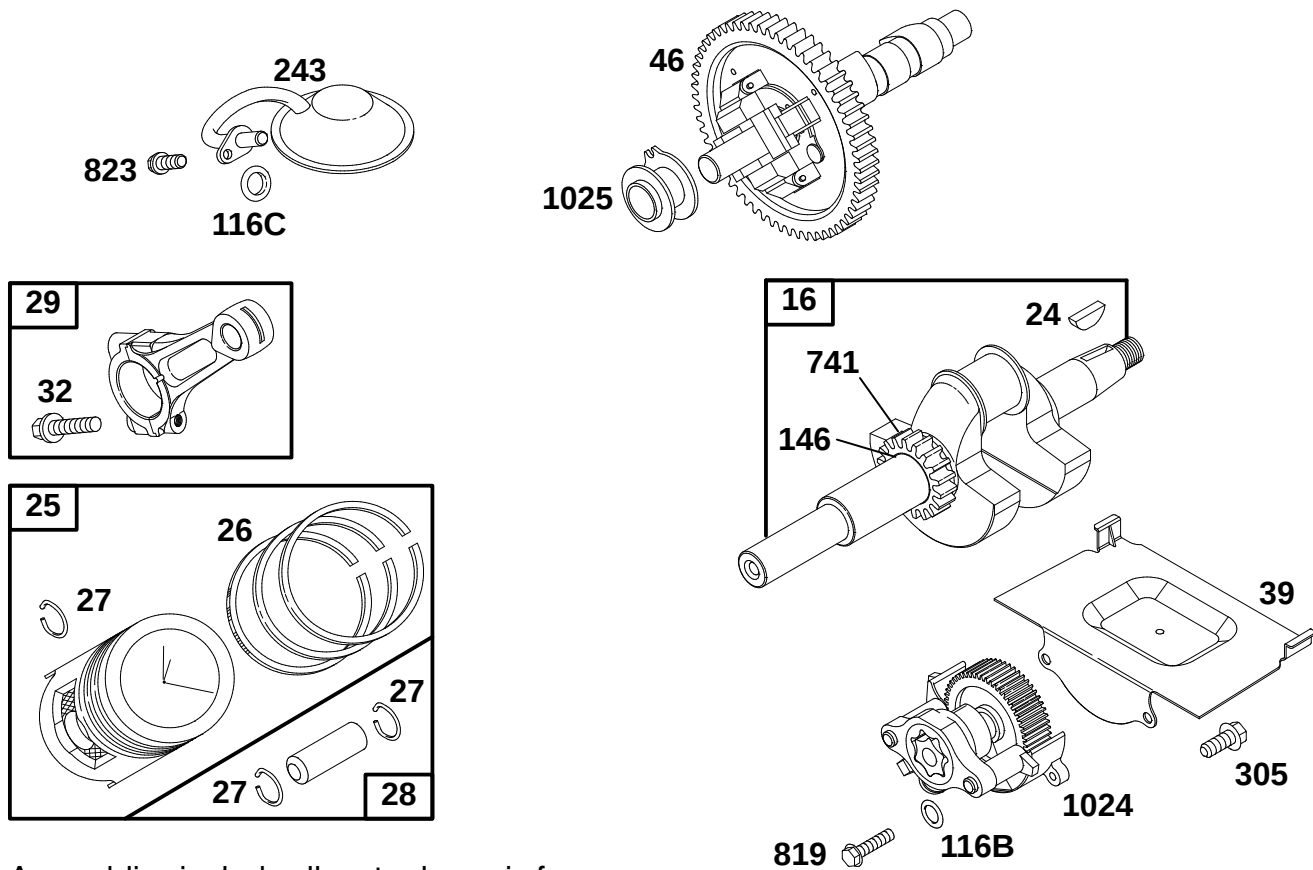


ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
1	808440	Cylinder Assembly	1
2	808534	Bearing – Cylinder	1
*3	805101	Seal – Oil	1
8	807795	Breather Assembly	1
*9	807688	Gasket – Breather	1
10	805751	Screw – Hex. Washer Head	1
11	806083	Tube – Breather	1
12	806190	Gasket – Crankcase Cover	1
15	805048	Plug – Oil Drain	1
17	805754	Bearing – Ball	1
18	808502	Cover Assy. – Crankcase	1
*20	805049	Seal – Oil	1
22	805696	Screw – Crankcase Cover	1
84	91488	Plug – Pipe	1
*87	805054	Seal – Governor Shaft	1
116	806191	O–Ring (Crankcase Cover)	1
*116A	805386	O Ring (Dipstick)	1
166	805073	Stud – Oil Filter Adapter	1

Ref. No.	Part No.	Description	No. Used
188	805247	Screw – Hex. Head	1
189	805449	Lockwasher	1
523	807977	Dipstick	1
*524	281370	Seal – Fill Tube	1
525	807584	Tube – Oil Fill	1
552	805412	Bushing – Governor Shaft	1
552A	805413	Bushing – Governor Shaft	1
572	805197	Baffle – Breather	1
614	806096	Pin – Cotter	1
616	807596	Fork – Governor	1
634	805416	Washer – Governor Shaft	1
718	805103	Dowel – Crankcase	1
*978	805250	Gasket – Oil Filter Adapter	1
982	805030	Screw	1
1027	492932	Filter – Oil	1
1028	808325	Adapter – Oil Filter	1
1058	273685	Owner's Manual	1

*Included in Gasket Set – Part No. 808390.



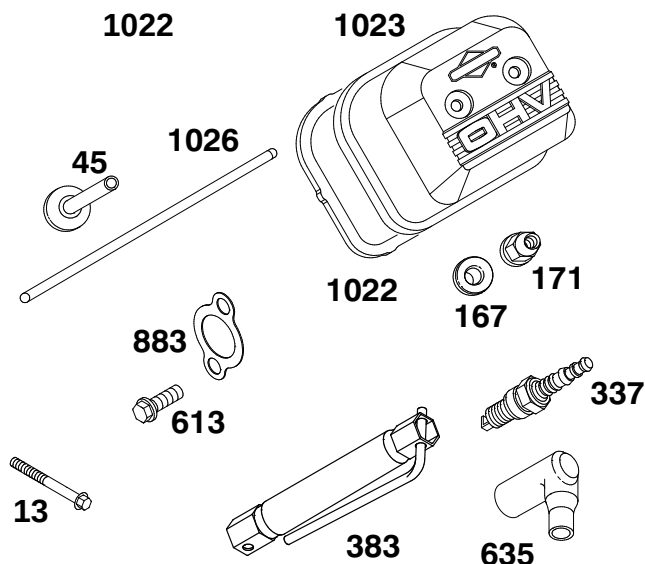
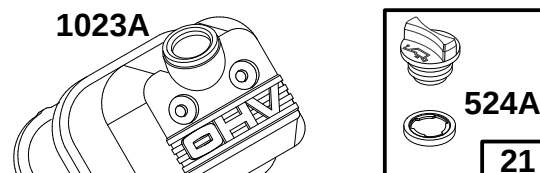
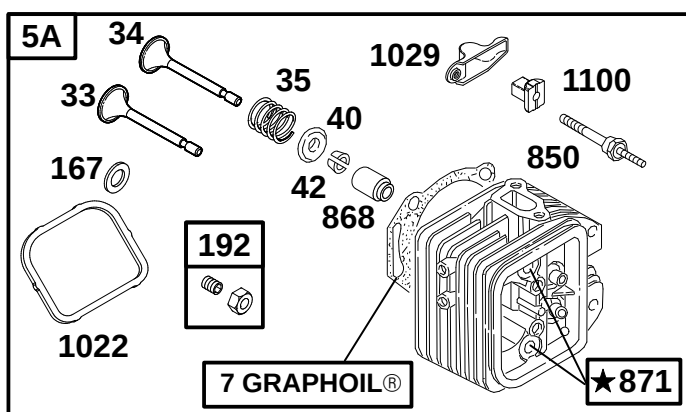
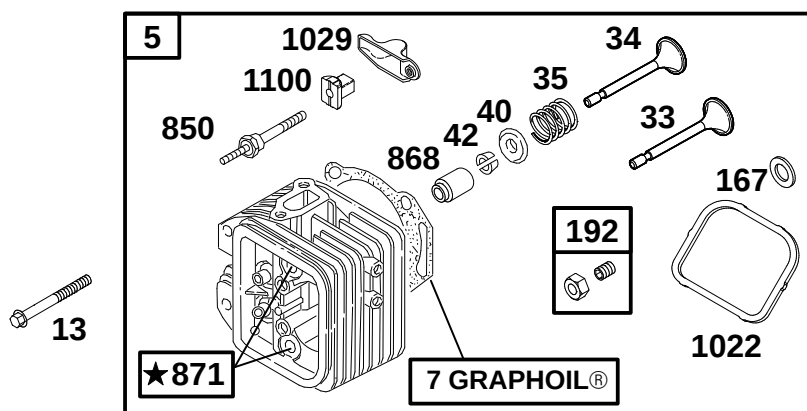
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
16	808417	Crankshaft	1
24	806066	Key - Flywheel	1
25	807619	Piston Assembly (Standard)	1
	807807	Piston Assembly (.010 O.S.)	1
	807809	Piston Assembly (.020 O.S.)	1
	807811	Piston Assembly (.030 O.S.)	1
26	807620	Ring Set - Piston (Standard)	1
	807808	Ring Set - Piston (.010 O.S.)	1
	807810	Ring Set - Piston (.020 O.S.)	1
	807812	Ring Set - Piston (.030 O.S.)	1
27	805099	Lock - Piston Pin	1
28	807621	Piston Pin Assembly	1
29	807900	Connecting Rod Assembly	1
	807809	Rod - Connecting (.020 U.S.)	1

Ref. No.	Part No.	Description	No. Used
32	805395	Screw - Connecting Rod	1
39	805654	Deflector - Oil	1
46	807542	Gear - Cam	1
*116B	805058	O-Ring (Oil Pump)	1
*116C	805316	O-Ring (Pick - Up Tube)	1
146	94196	Key - Timing	1
243	807598	Screen - Oil Pump Pick-Up	1
305	805406	Screw	1
741	805984	Gear - Timing	1
819	805057	Screw	1
823	805317	Screw - Mounting	1
1024	807644	Oil Pump Assembly	1
1025	805313	Slider - Governor	1

*Included in Gasket Set - Part No. 808390.



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

Assemblies include all parts shown in frames.

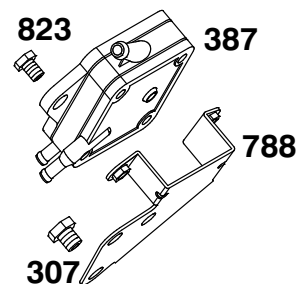
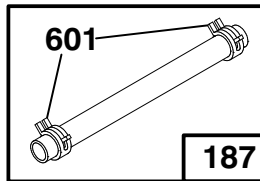
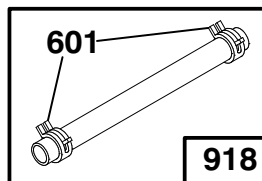
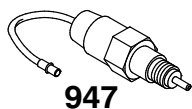
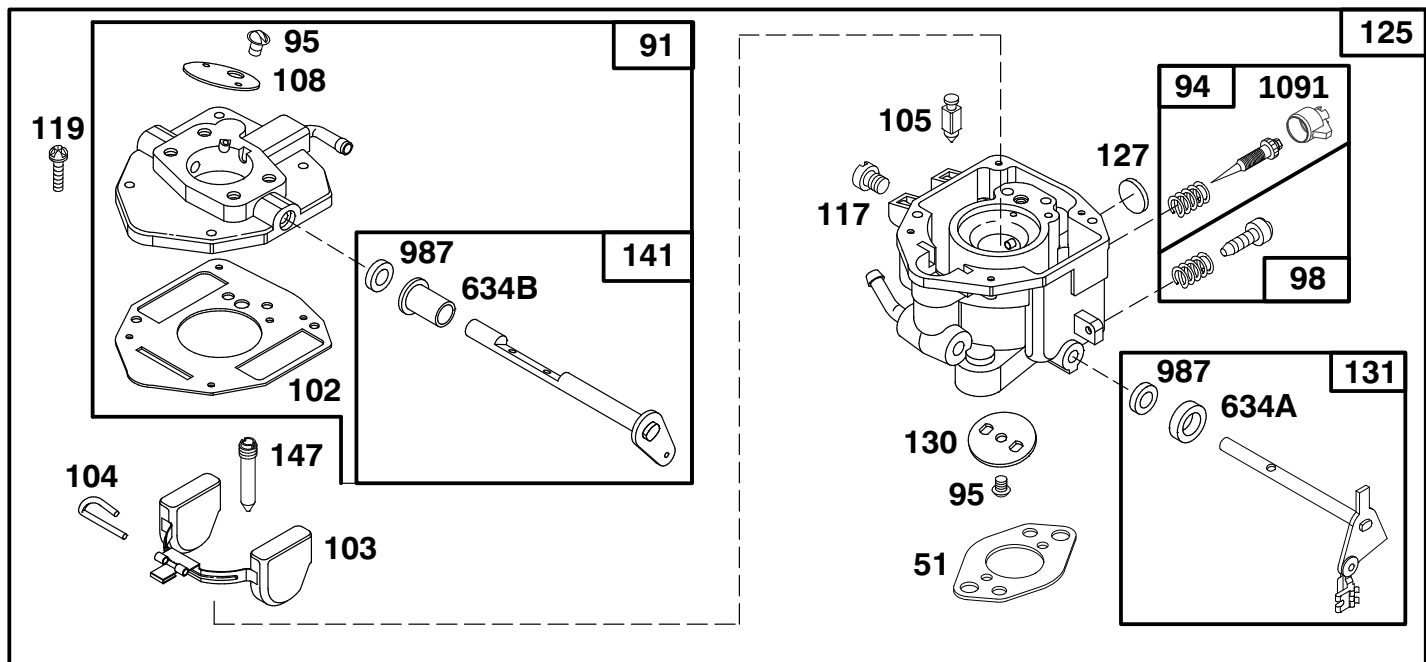
ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
5	808381	Head – Cylinder (Cyl. #1)	1
5A	808382	Head – Cylinder (Cyl. #2)	1
*†7	806085	Gasket – Cylinder Head	1
13	805097	Screw – Cylinder Head	1
21	491832	Plug – Oil Filler	1
33	807681	Valve – Exhaust	1
34	807680	Valve – Intake	1
35	805937	Spring – Valve	1
40	805092	Retainer – Valve Spring	1
42	807683	Retainer – Valve	1
45	262679	Tappet – Valve	1
*†167	805420	Washer – Valve Cover	1
†171	805019	Nut – Nylock	1
192	807623	Screw – Valve Adjustment	1
337	496018	Plug – Spark	1
383	19374	Wrench – Spark Plug	1

Ref. No.	Part No.	Description	No. Used
*†524A	271983	Seal – Filler Plug	1
613	805158	Screw – Hex.	1
635	805529	Elbow – Spark Plug	1
868	805094	Seal – Valve Guide	1
871	805084	Guide – Valve	1
*†883	805024	Gasket – Exhaust Manifold	1
850	806037	Stud – Rocker Arm	1
*†1022	806039	Gasket – Valve Cover	1
1023	805100	Cover – Valve	1
1023A	808032	Cover – Valve	1
1026	805352	Rod – Push (Intake Valve)	1
		Note: 805617 Rod – Push (Exhaust Valve)	
1029	806036	Arm – Rocker	1
1100	806038	Pivot – Rocker Arm	1

*Included in Gasket Set – Part No. 808390.

†Included in Valve Overhaul Kit – Part No. 808392.



Assemblies include all parts shown in frames.

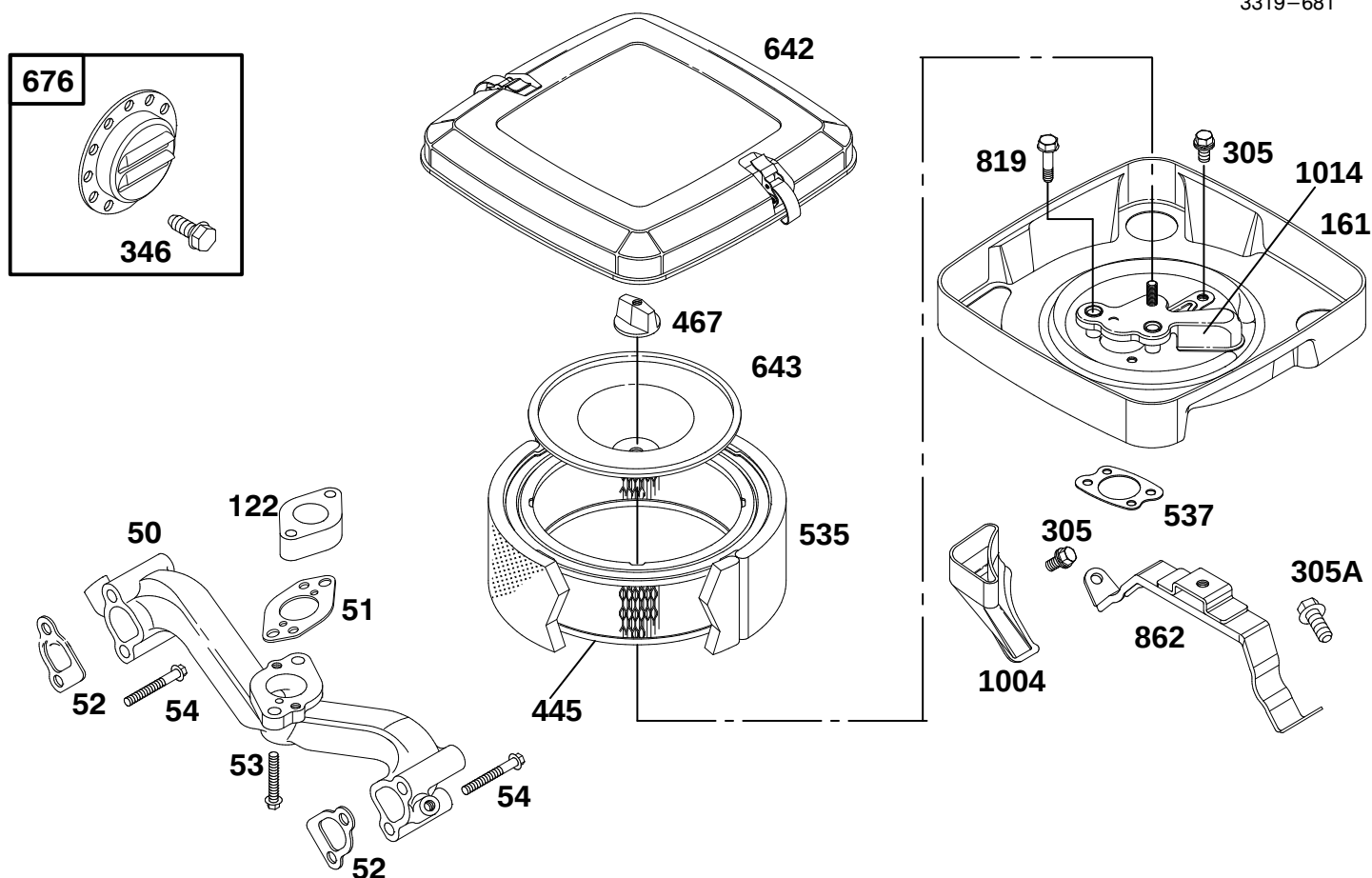
ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
*51	805700	Gasket - Carburetor Mtg.	1
91	807919	Body - Upper Carburetor	1
95	805538	Screw - Valve Mtg.	1
98	808177	Screw - Throttle Adj.	1
†102	805541	Gasket - Carburetor Body	1
103	805546	Float Assembly	1
†104	805545	Pin - Float Hinge	1
†105	805547	Valve - Fuel Inlet	1
108	805539	Valve - Choke	1
117	805852	Jet - Main	1
	805537	Jet - Main (High Altitude)	1
†94	808257	Valve - Idle Adjust	1
119	805540	Screw - Upper Body Mtg.	1
125	808251	Carburetor Assembly	1
†127	805559	Plug - Welch	1
130	805554	Valve - Throttle	1
131	807720	Shaft - Throttle	1

Ref. No.	Part No.	Description	No. Used
141	807722	Shaft - Choke	1
†147	805553	Jet - Slow Speed	1
187	296004	Line - Fuel (Cut to Required Length)	1
307	805025	Screw - Hex. Hd.	1
387	491922	Pump - Fuel	1
601	93053	Clamp - Hose	1
†634A	805557	Collar - Throttle	1
†634B	805543	Collar - Choke	1
788	807685	Bracket - Fuel Pump	1
823	805317	Screw - Mounting	1
918	393815	Line - Vacuum (Cut to Required Length)	1
947	807664	Solenoid	1
†987	805544	Seal - Shaft	1
1091	805862	Cap - Limiter	1

*Included in Gasket Set - Part No. 808390.

†Included in Carburetor Kit - Part No. 808273.

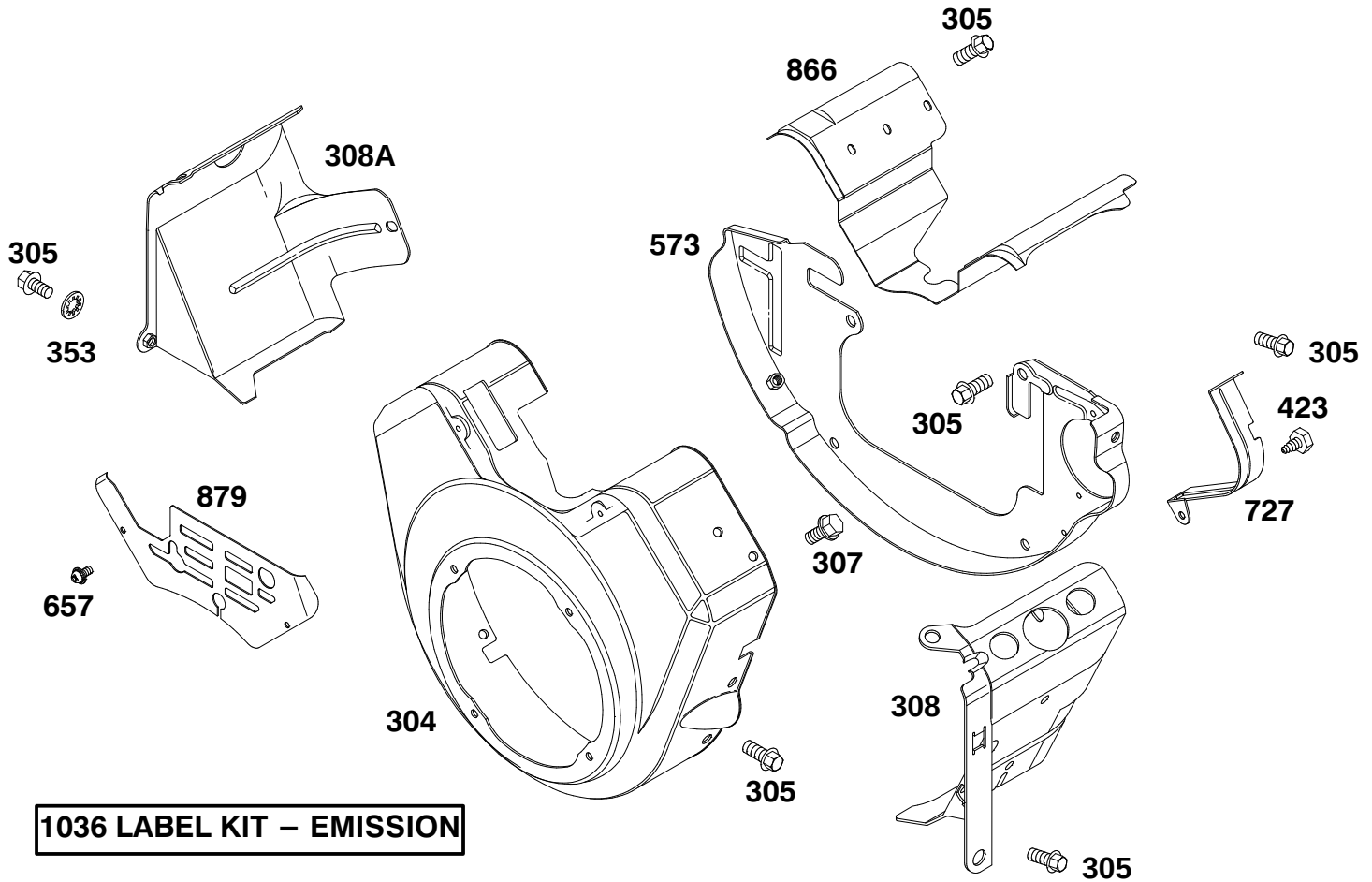


ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	805772	Manifold - Intake	1	445	394018	Filter - Air	1
*51	805700	Gasket - Carburetor Mtg.	1	467	491875	Knob - Air Cleaner	1
*‡52	805023	Gasket - Intake Manifold	1	535	272490	Filter - Air	1
53	805466	Screw	1	*537	805655	Gasket - Air Cleaner	1
54	805006	Screw	1	642	807862	Cover - Air Cleaner	1
122	805328	Spacer - Carburetor	1	643	805631	Plate - Air Cleaner	1
161	807857	Base - Air Cleaner	1	676	397630	Deflector - Muffler	1
305	805406	Screw - Hex. (M6 x 12mm)	1	819	805057	Screw - Hex. Hd.	1
305A	805902	Screw - Hex. (M6 x 16mm)	1	862	807796	Bracket - Air Cleaner	1
346	94896	Screw - Hex.	1	1004	805632	Strap - Cleaner Mounting	1
				1014	807797	Shield - Carburetor	1

*Included in Gasket Set - Part No. 808390.

‡Included in Valve Overhaul Kit - Part No. 808392.

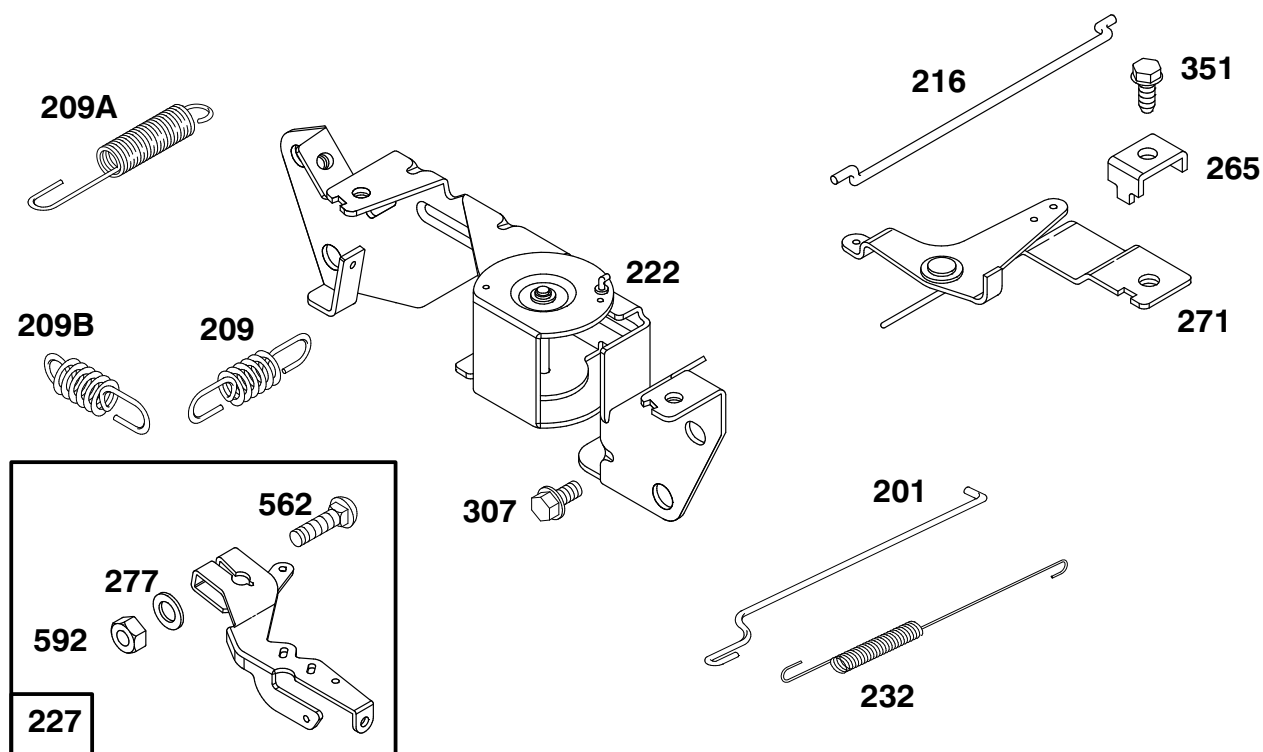


1036 LABEL KIT – EMISSION

ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
304	807898	Housing – Blower	1
305	805406	Screw – Hex. Head	1
307	805025	Screw – Hex. Head	1
308	808309	Cover – Air Guide (Cyl. #1)	1
308A	808098	Cover – Air Guide (Cyl. #2)	1
353A	806101	Washer – Lock	1

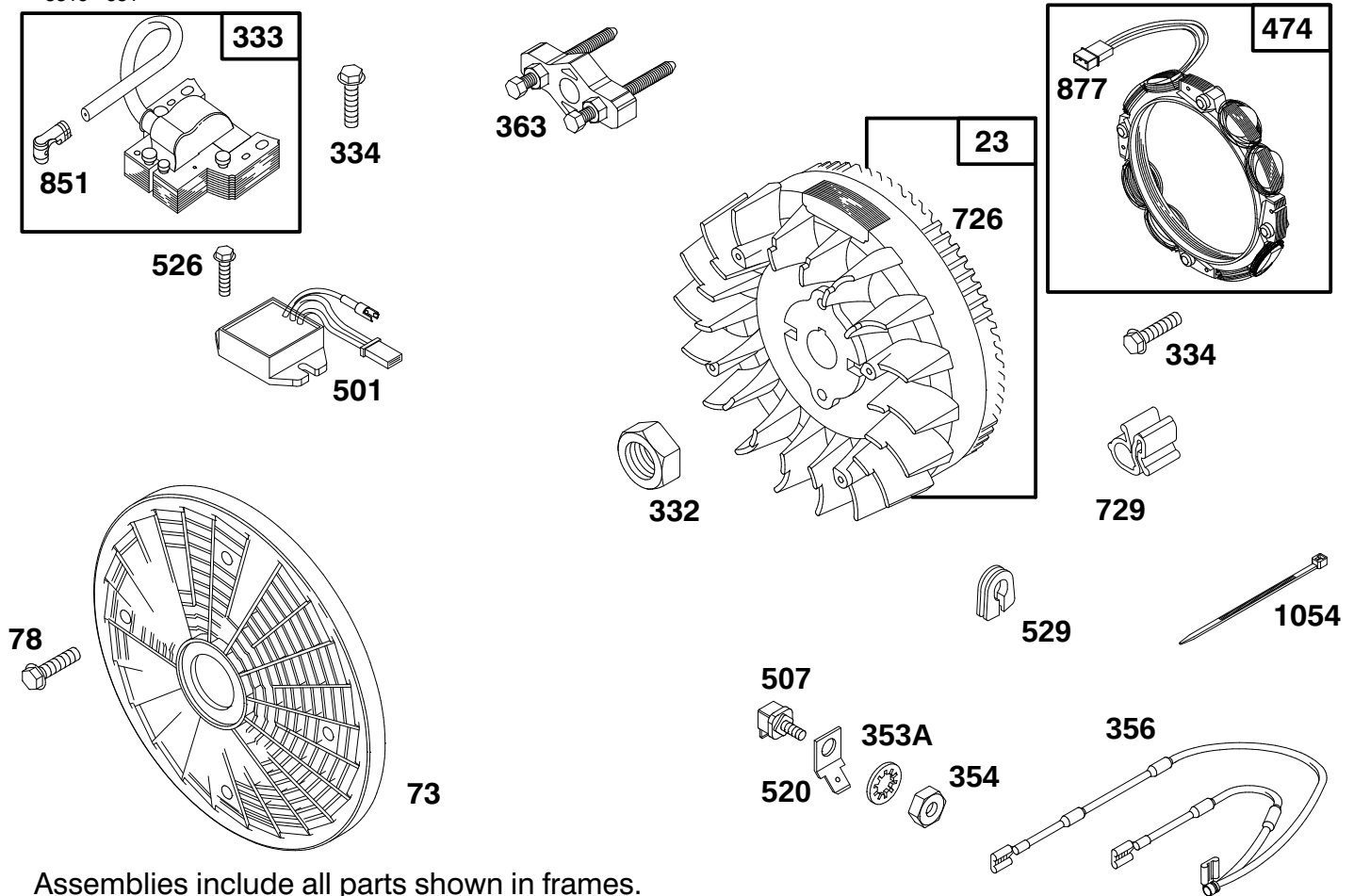
Ref. No.	Part No.	Description	No. Used
423	805260	Screw – Hex. Head	1
573	807663	Back Plate Assembly	1
657	805009	Screw – Hex. Head	1
727	805505	Shield – Starter	1
866	805738	Valley Cover – Air Guide	1
879	805841	Cover – Carburetor	1
1036	499366	Label Kit – Emission	1



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
201	805480	Link - Governor	1	265	221535	Clamp - Casing	1
209	805464	Spring - Governor	1	271	808145	Bracket - Choke Control	1
209A	805450	Spring - Governed Idle	1	277	805018	Washer	1
209B	806105	Spring - Governor	1	307	805025	Screw - Hex. Head	1
216	805439	Link - Choke	1	351	805169	Screw - Hex. Head	1
222	808195	Bracket - Governor Control	1	562	805381	Bolt - Carriage	1
227	807528	Lever Assembly - Governor	1	592	805383	Nut - Hex.	1
232	805465	Spring - Governor Link	1				

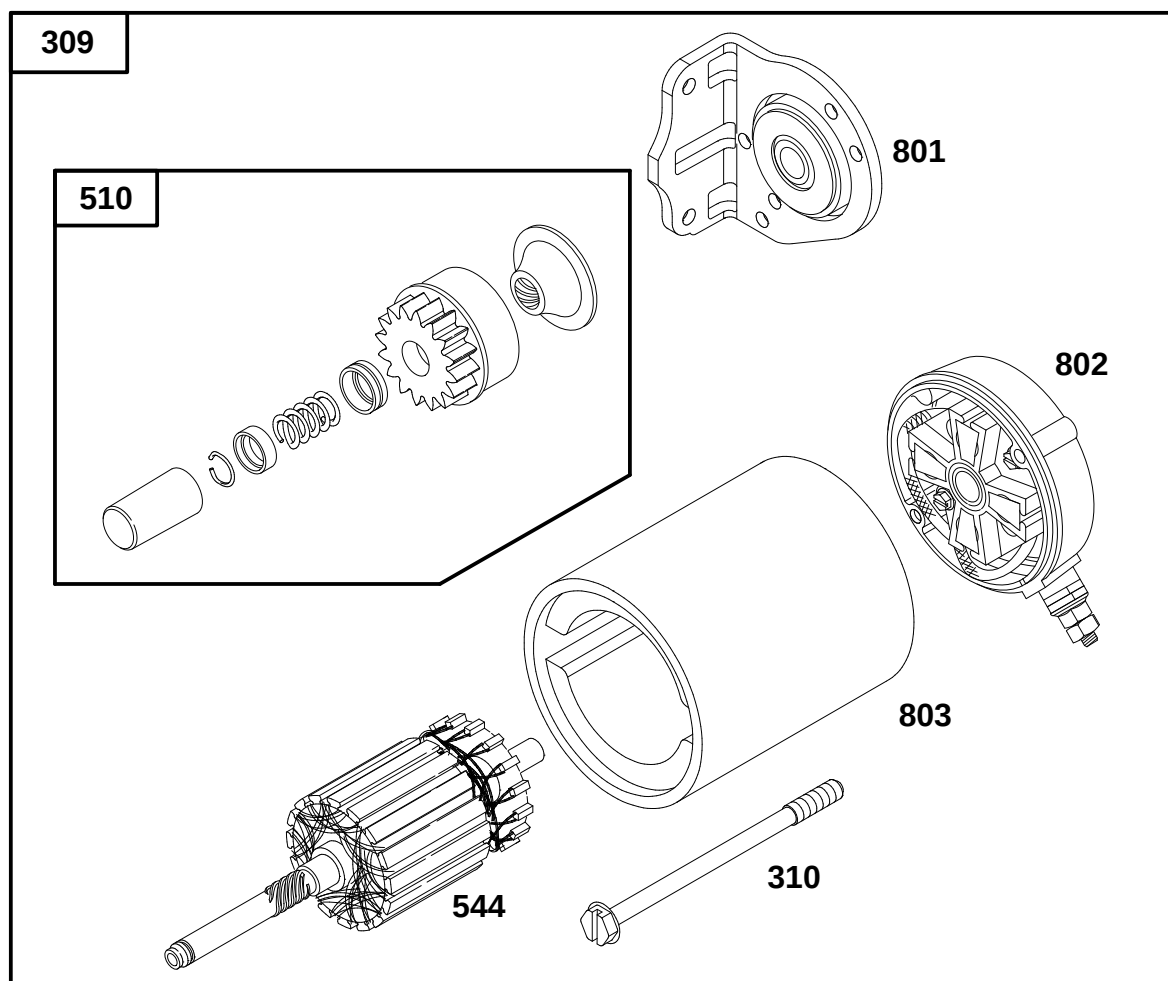


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
23	808128	Flywheel - Magneto	1
73	494439	Screen - Rotating	1
78	805447	Screw - Hex. Hd.	1
332	806028	Nut - Hex.	1
333	492341	Armature - Magneto	1
334	805407	Screw - Hex. Hd.	1
353	92791	Washer - Lock (Internal Tooth)	1
354	90576	Nut - Hex.	1
356	493792	Wire - Assy.	1
363	19203	Puller - Flywheel	1
474	393295	Stator - Alternator	1

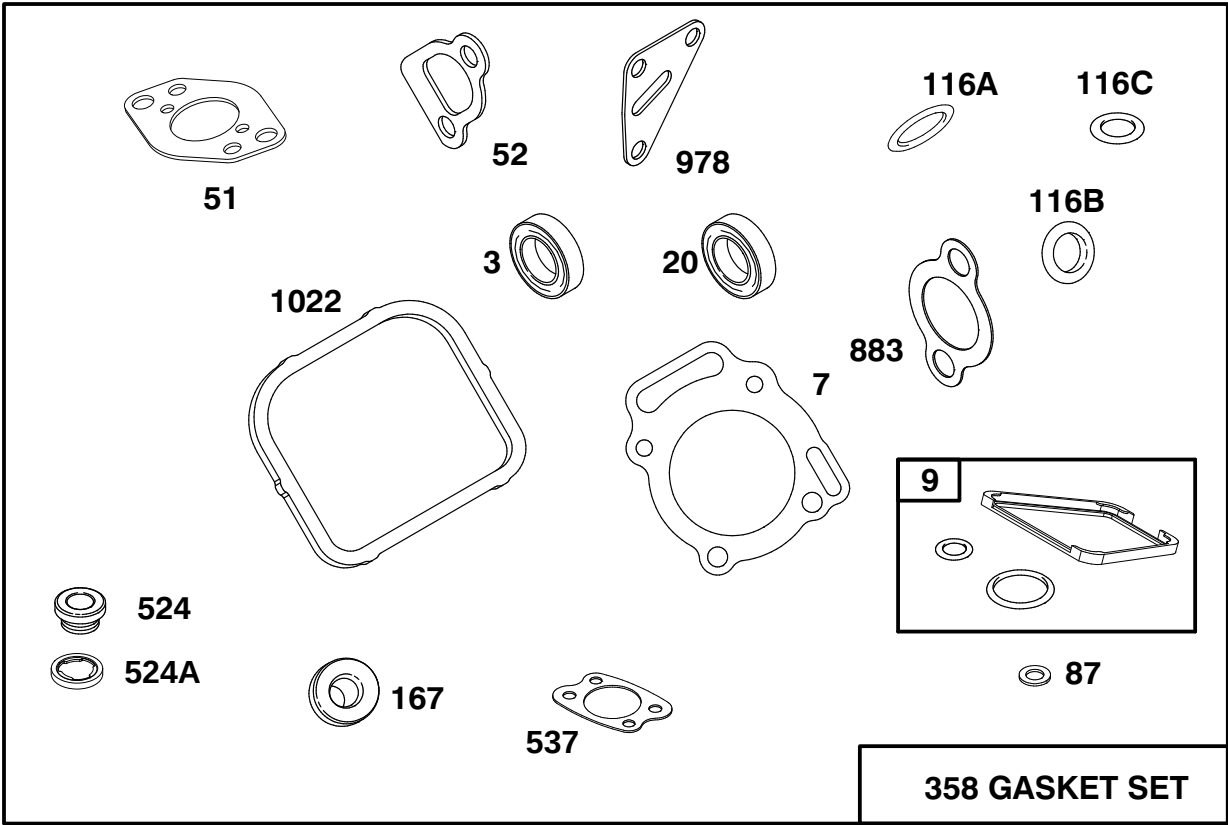
Ref. No.	Part No.	Description	No. Used
501	394890	Regulator - Alternator	1
507	398525	Insulator	1
520	93722	Terminal - Spade	1
526	805448	Screw - Hex. Hd.	1
529	805641	Grommet	1
726	808162	Gear - Flywheel Ring	1
729	280470	Clip - Wire	1
851	493880	Terminal - Ignition Cable	1
877	393537	Wire - Alternator	1
1054	280275	Tie - Cable	1



ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
188	805247	Screw-Hex. Head	1
309	808106	Motor-Starter	1
310	496880	Bolt-Thru	1
510	496881	Drive-Starter	1
544	496816	Armature-Starter	1

Ref. No.	Part No.	Description	No. Used
801	496814	Cap-Drive	1
802	496813	Cap-End Note: Includes 496887 Brush Set.	1
803	496815	Housing-Starter	1



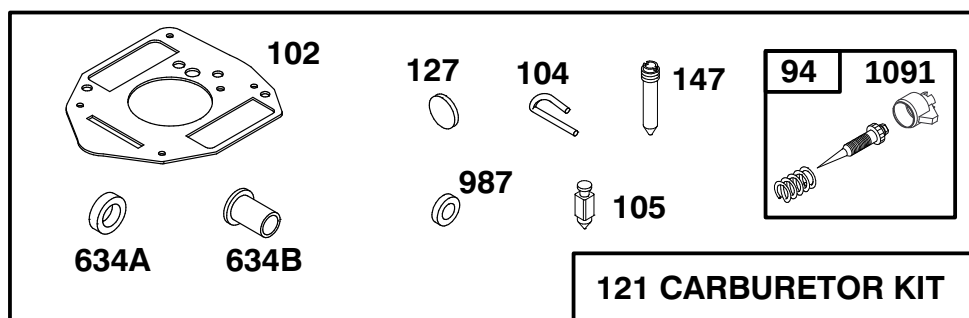
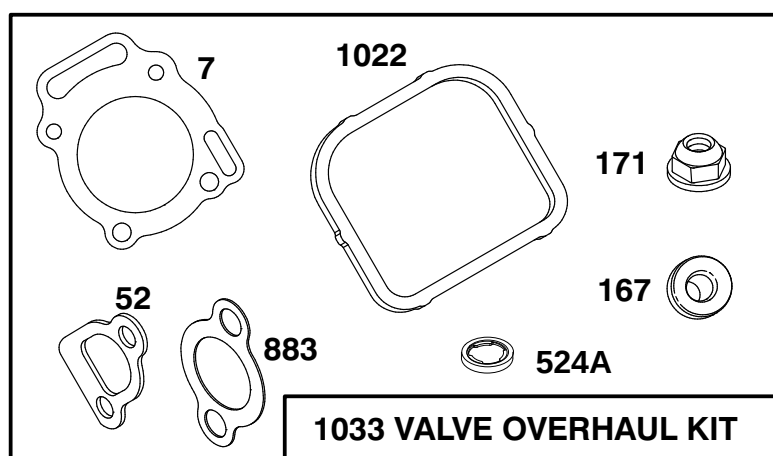
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used
*3	805101	Seal – Oil	1
*‡7	806085	Gasket – Cylinder Head	1
*9	807688	Gasket – Breather	1
*20	805049	Seal – Oil	1
*51	805700	Gasket – Carburetor Mtg.	1
‡52	805023	Gasket – Intake Manifold	1
*87	805054	Seal – Governor Shaft	1
*116A	805386	O–Ring (Dipstick)	1
*116B	805058	O–Ring (Oil Pump)	1

Ref. No.	Part No.	Description	No. Used
*116C	805316	O–Ring (Pick – Up Tube)	1
*‡167	805420	Washer – Valve Cover	1
358	808390	Gasket Set	1
*524	281370	Seal – Fill Tube	1
*‡524A	271983	Seal – Filler Plug	1
*537	805655	Gasket – Air Cleaner	1
*883	805024	Gasket – Exhaust Manifold	1
*978	805250	Gasket – Oil Filter Adapter	1
*‡1022	806039	Gasket – Valve Cover	1

*Included in Gasket Set – Part No. 808390.
‡Included in Valve Overhaul Kit – Part No 808392.



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-1179-E1

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*†7	806085	Gasket – Cylinder Head	1	†171	805019	Nut – Nylock	1
*†52	805023	Gasket – Intake Manifold	1	*†524A	271983	Seal – Filler Plug	1
†94	808257	Valve – Idle Adjust	1	†634A	805557	Collar – Throttle	1
†102	805541	Gasket – Carburetor Body	1	†634B	805543	Collar – Choke	1
†104	805545	Pin – Float Hinge	1	*†883	805024	Gasket – Exhaust Manifold	1
†105	805547	Valve – Fuel Inlet	1	†987	805544	Seal – Shaft	1
121	808273	Carburetor Kit	1	*†1022	806039	Gasket – Valve Cover	1
†127	805559	Plug – Welch	1	1033	808392	Overhaul Kit – Valve	1
†147	805553	Jet – Slow Speed	1	†1091	805862	Cap – Limiter	1
*†167	805420	Washer – Valve Cover	1				

*Included in Gasket Set – Part No. 808390.

†Included in Carburetor Kit – Part No. 808273.

‡Included in Valve Overhaul Kit – Part No. 808392.

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
106948	Tray – Battery	19	50	1	27-2550	Pin – Pivot	6	27	1
3-0348	Bushing – Sleeve	3	11	6	27-6600	Spacer – Coupling	26	15	4
3-0348	Bushing – Sleeve	4	14	6	28-1400	Battery	19	11	1
3-0348	Bushing – Sleeve	6	22	6	28-3680	Tire	8	2	2
3-1506	Bushing	1	24	2	28-3680	Tire	28	9	1
3-1506	Bushing – Flange	3	16	4	28-4210	Solenoid – Starter	19	5	1
3-1506	Bushing – Flange	4	30	4	28-8080	Boot Terminal	19	13	1
3-1506	Bushing – Flange	6	38	4	29-9080	Handle	31	3	1
3-4808	Nut – Wing	32	1	1	29-9090	Hose – Handle	31	4	1
3-6657	Clip – Skid	32	4	2	36-4310	Brush	31	5	1
3-6685	Spring – Compression	18	17	1	36-7250	Basket – Grass	2	*	3
5-0946	Key – Square	27	8	1	38-0410	Nut – Hex.	14	53	1
5-0946	Key – Square	26	12	1	38-0410	Nut – Hex.	16	59	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	25	33	1
5-1226	Washer – Shim	6	24	2	43-5220	Ring – Retaining	7	10	1
5-2653	Pulley Assembly	17	4	4	43-5230	Shaft & Clevis	7	11	1
5-3934	Bolt – Castor	28	20	1	43-5930	Washer – Lock	25	25	2
10-6060	Pin – Lift Cylinder	3	7	1	43-8600	Spring – Compression	18	21	1
10-6060	Pin – Pivot	4	19	1	43-8610	Seat – Ball	18	20	1
10-6090	Pin – Pivot	4	33	1	43-8620	Guide – Switch	18	23	1
10-6090	Pin – Pivot	3	37	1	43-8860	Plunger – Switch	18	22	1
10-6090	Pin – Pivot	6	41	1	43-8870	Boot – Switch	18	26	1
10-6110	Pin – Hinge	3	3	1	43-9071	Seat Switch Assembly	18	*	1
10-6110	Pin – Pivot	4	24	1	44-0870	Shaft – Cam	10	5	1
10-6821	Brake Drum Assembly	8	*	2	44-2230	Coupling – Rubber	26	16	1
10-6830	Stud – Drive	28	17	4	44-5560	Head – Oil Filter	19	27	1
10-6850	Drum – Brake	8	6	2	46-8560	Screw – Self Taping	19	20	3
10-6870	Hub – Wheel	8	5	2	47-5320	Lever – Control	10	40	1
10-7070	Key – Square	26	20	1	48-7610	Screw – Cap Hex. Hd.	23	9	1
10-7240	Sleeve	17	20	1	48-7620	Screw – Cap Hex. Hd.	25	36	1
10-7820	Pivot Hinge Assembly	3	12	1	49-2040	Screw – Thread Forming	25	27	4
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	18	27	1
10-8100	Strap – Brake Shaft	1	31	2	49-5900	Wheel – Steering	17	1	1
10-8110	Washer – Thrust	3	9	6	49-6110	Guard – Transfer Rod	1	6	1
10-8110	Washer – Thrust	4	15	6	49-6120	Pad – Footrest	1	13	1
10-8110	Washer – Thrust	6	23	6	49-6200	Lever – Cutting Control	2	42	1
10-8140	Spring – Torsion	1	7	1	49-6220	Bracket – Control Arm	10	9	1
11-0160	Roller Shaft Screw Assy.	3	14	2	49-6250	Bracket – Traction Pivot	10	35	1
11-0160	Roller Shaft Screw Assy.	4	28	2	49-6260	Assy. – Pivot, Traction	10	21	1
11-0160	Roller Shaft Screw Assy.	6	36	2	49-6290	Shaft – Traction Pivot	10	37	1
12-3270	Screw – Hex. Washer Hd.	25	17	4	49-6440	Pedal – Forward	10	42	1
12-3270	Screw – Hex. Washer Hd.	10	38	1	51-0350	Pin – Seat Spring	18	16	1
12-3270	Screw – Thread Forming	12	50	1	51-0780	Slider – Seat	18	31	1
12-9140	Decal	31	1	1	51-0790	Adjuster – Seat	18	6	1
17-9420	Screw – Traction Stop	10	34	1	52-1990	Piston	5	3	1
18-6320	Washer – Steering	28	7	4	52-2720	Roller Assembly	3	20	1
20-0070	Tube	32	5	1	52-2720	Roller Assembly	4	35	1
20-0080	Rod	32	7	1	52-2720	Roller Assembly	6	43	1
20-0110	Bracket – Alignment	32	2	1	52-5860	Collar – Spool	16	51	1
21-8470	Shaft – Roller	3	21	1	52-5880	Ball – Steel	13	47	12
21-8470	Shaft – Roller	4	36	1	52-5900	Screw – Fillister Hd.	15	37	4
21-8470	Shaft – Roller	6	44	1	56-2230	Hose – Fuel	23	17	1
22-6090	Washer – Thrust	31	4	1	56-7720	Bolt – Battery	19	17	2
23-8840	Puller – Bolt	31	3	1	56-7970	Clamp Half – Tube	2	45	2
23-8850	Tube – Support	31	5	1	57-6140	Clamp Half – Tube	8	20	2
23-8860	Pin – Bearing Rplcmnt.	31	6	1	57-6220	Link	10	17	5
23-8880	Driver – Bearing	31	1	2	57-7650	Spring – Torsion	4	11	1
26-3790	Nut – Lock	8	4	2	57-7650	Spring – Torsion	6	18	1
27-1960	Hub – Engine	26	21	1	57-7650	Spring – Torsion	3	32	1
27-1970	Hub – Pump	26	22	1	61-3310	Plate – Logo	19	21	1
27-2270	Rod – Brake Adjusting	1	29	2	62-2420	Bar – Lift	6	8	1
27-2320	Bearing – Flange	10	7	2	62-2440	Lift Arm Assembly	4	8	1
27-2320	Bearing – Flange	1	33	2	62-2460	Lift Arm Assembly L.H.	3	29	1
27-2380	Spacer	19	32	2	62-2570	Filler Cap Assembly	22	*	1
27-2400	Strap – Reservoir Assembly	22	5	2	62-2610	Strainer – Filler Cap	22	17	1

*Not Illustrated

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
63-3840	Hydraulic Hose Assembly	29 5 1	83-0190	Cover - R.H.	8 18 1
63-3850	Hose - Hydraulic	11 31 1	83-0200	Cover - L.H.	1 17 1
63-3850	Hose - Hydraulic	3 39 1	83-0540	Pedal - Traction	10 24 1
63-4020	Tube - Hydraulic	29 17 1	83-0580	Rod - Traction Control	10 32 1
63-4020	Tube - Hydraulic	11 40 1	83-0630	Arm - Traction Pivot	10 29 1
63-4030	Tube - Hydraulic	29 18 1	83-0640	Plate - Footrest	1 12 1
63-4030	Tube - Hydraulic	11 41 1	83-0830	Panel - Control Upper	19 33 1
63-4040	Hydraulic Tube Assembly	29 4 1	83-0840	Fender - L.H.	19 19 1
63-4040	Tube - Hydraulic	11 35 1	83-1030	Mount - Engine	25 4 3
63-4050	Fitting - Tee	11 42 2	83-1040	Washer - Mount	25 2 3
63-4080	Fitting - Manifold Tee	11 37 1	83-1050	Spacer - Mount	25 3 2
63-8360	Key - Ignition	20 17 1	83-1060	Adapter - Pump	25 10 1
63-8410	Washer - Flat	23 4 4	83-1080	Pipe - Exhaust	25 7 1
63-8750	Pin - Pivot	6 9 1	83-1150	Wire Asm - Engine Ground	21 6 1
63-8750	Pin - Pivot	4 10 1	83-1150	Wire Asm - Engine Ground	20 37 1
63-8750	Pin - Pivot	3 33 1	83-1200	Tube Assy.	11 5 1
63-9920	Decal - EEC	19 43 1	83-1220	Plate - Clamp	8 21 1
65-4860	Head	5 9 1	83-1270	Seat Support Assembly	18 7 1
65-8320	Bar - Gauge	2 * 1	83-1390	Fitting - Fuel Shut-Off	23 15 1
66-2950	Gauge - Hourmeter	20 5 1	83-1400	Shield - Muffler	25 16 1
67-1300	Decal - TORO	19 39 1	83-1630	Bracket - Muffler Support	25 24 1
68-5100	Rod - Seat Prop	18 10 1	83-1670	Fitting - Special	11 27 1
68-5310	Clip - Seat Rod	18 12 1	83-1680	Hose - Hydraulic	6 13 1
68-5380	Lift Arm Assembly	6 21 1	83-1680	Hose - Hydraulic	11 30 1
68-5560	Pin - Cylinder Pivot	6 26 1	83-1690	Hose - Hydraulic	11 21 1
68-5880	Hose - Hydraulic	19 30 1	83-1690	Hose - Hydraulic	3 40 1
69-9760	Plate - Cover	2 50 1	83-1700	Bushing - Flange	8 33 3
70-1480	Relay	20 26 1	83-1840	Cover - R.H.	18 32 1
70-2770	Head	7 8 1	83-1890	Switch - Ball	14 54 1
70-2780	Piston	7 4 1	83-1890	Switch - Ball	16 60 1
70-7130	Tube Assy.	11 3 1	83-2030	Plate - Filler	20 3 1
70-8130	Barrel	7 1 1	83-2040	Hose - Fuel	23 14 1
70-9840	Shoe - Brake	8 8 4	83-2041	Hose - Fuel	23 11 1
70-9850	Clip - Retaining	8 23 2	83-2200	Nut - Special	23 8 1
70-9860	Cam - Brake	8 27 2	83-2240	Arrestor - Spark	25 * 1
70-9870	Plate - Backing	8 10 2	83-2310	Shield	25 35 1
70-9880	Spring - Return	8 7 4	83-2580	Cylinder - Lift	3 6 1
71-0990	Orifice	11 43 1	83-2580	Hydraulic Cylinder Assy.	4 22 1
71-1500	Brake Assembly	8 * 2	83-2590	Bolt - Eccentric	2 47 1
72-3850	Seal - Filter	19 28 1	83-7230	Hydraulic Cylinder Assembly	6 10 1
72-4320	Switch - Ball	18 18 1	84-2000	Bracket - Brake	8 12 2
72-4790	Hold-Down - Battery	19 16 1	84-2190	Seals - Section Set	14 * 1
74-0720	Tube - Manual	18 3 1	84-2203	Control Valve Assembly	16 * 1
74-3570	Filter - Hydraulic Oil	19 29 1	84-2203	Control Valve Assembly	11 16 1
74-3730	Spacer - Hub	28 11 2	85-6540	Stud - Drive	8 28 8
74-3810	Load Plate Assembly	30 9 1	85-8120	Plate - Engine Mount	25 28 1
74-3830	Hydraulic Hose Assembly	29 12 1	86-5360	Repair Kit	7 * 1
74-9100	Pad - Forward Pedal	10 25 1	86-5390	Seal Kit	5 * 1
74-9110	Pad - Reverse Pedal	10 23 1	86-9820	Frame - Pull Rear	6 1 1
75-9440	Hub - Wheel	28 15 1	88-9630	Lift Pivot Bracket R.H.	2 40 1
76-0410	Spring	2 54 1	88-9640	Lift Pivot Bracket L.H.	1 28 1
76-0810	Housing Assembly	9 * 1	88-9660	Shaft - Cutting Control	2 36 1
76-0840	Manifold	9 22 1	88-9700	Hose - Hydraulic	6 15 1
76-0850	Bearing - Thrust	9 12 1	88-9700	Hose - Hydraulic	11 20 1
76-0860	Shaft - Coupling	9 11 1	88-9830	Ignition Switch Assembly	20 14 1
76-0870	Plate - Wear	9 18 1	92-0585	Pull Arm Assembly R.H.	3 19 1
76-0880	Commutator Assembly	9 * 1	92-0585	Pull Arm Assembly R.H.	4 34 1
76-0940	End Cover Assembly	9 24 1	92-0585	Pull Arm Assembly R.H.	6 42 1
76-1720	Gasket - Filler Cap	22 14 1	92-0586	Pull Arm Assembly L.H.	3 17 1
76-1850	Clevis	5 13 1	92-0586	Pull Arm Assembly L.H.	4 31 1
76-1860	Shaft	5 6 1	92-0586	Pull Arm Assembly L.H.	6 39 1
78-0080	Clamp - Mounting	20 9 1	92-1180	Seat Assembly	18 5 1
83-0030	Control - Throttle	20 12 1	92-2545	Seals - Spool	14 * 1
83-0040	Control - Choke	20 13 1	92-2545	Seals - Spool	16 * 1
83-0060	Lift - Pivot	1 26 1	92-2546	Wiper - Seal	13 25 4
83-0080	Spring - Torsion	1 25 1	92-2546	Wiper - Seal	16 64 5
83-0140	Pedal - Mow	2 38 1	92-2547	Plate - Seal Retainer	15 18 5
83-0160	Shaft - Brake	2 48 1	92-2547	Plate - Seal Retainer	13 24 4

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-2548	Seals - Spool	14 * 1	94-8178	Seal Kit	9 * 1
92-2548	Seals - Spool	16 * 1	95-1628	Hinge - Upper	1 8 1
92-2549	Seals - Spool	16 * 1	95-1629	Hinge - Lower	1 22 1
92-3058	Spring - Centering	13 41 1	95-2932	Bracket - Pulley	17 5 1
92-3148	Spring	15 23 1	95-2941	Steering Arm Assembly	17 22 1
92-5524	Decal - Noise Rating	19 42 1	95-5951	Strip - Seal	22 3 2
92-6533	Kit - Cushion	18 35 1	95-5952	Fork - Castor	28 19 1
92-6534	Shell	18 36 1	95-5955	Drum - Steering	28 24 1
92-7189	Tank - Fuel	23 2 1	95-5956	Cable Anchor Assembly	28 21 1
92-8795	Body Assembly	30 10 1	95-5959	Pulley - Support	17 19 1
92-8796	Pin - Dowel	30 14 2	95-5963	Spacer - Pulley	17 15 1
92-8863	Repair Kit	30 * 1	95-5965	Cable - Steering	17 14 1
92-9176	Frame - Pull L.H.	3 24 1	95-5966	Hose - Pump	26 11 2
92-9177	Frame - Pull R.H.	4 1 1	95-5966	Hose - Pump Inlet	22 12 2
92-9199	Motor - Hydraulic	8 22 2	95-5976	Hydraulic Pump Assembly	26 9 1
92-9761	Link - Drive	9 13 7	95-5981	Frame Assembly	19 18 1
92-9762	Screw - Cap Hex. Hd.	9 14 1	95-5984	Hydraulic Hose Assembly	29 1 1
92-9763	Rotor Set	9 * 1	95-5985	Hydraulic Hose Assembly	29 2 1
92-9767	Hose - Hydraulic	11 18 2	95-5986	Hose - Hydraulic	11 28 1
92-9767	Hose - Hydraulic	4 39 2	95-5987	Hose - Hydraulic	11 36 1
92-9773	Gear - 59B	27 13 2	95-5988	Hydraulic Hose Assembly	29 16 1
93-1386	Section #5 Assembly	16 * 1	95-5989	Hydraulic Hose Assembly	29 13 1
93-2096	Arm - Brake	8 24 2	95-5997	Decal - Greensmaster 3050	2 46 1
93-2384	Spacer - Carrier	6 31 1	95-7113	Decal - Service	18 34 1
93-2554	Valve - Needle	12 53 1	95-7118	Tank - Hydraulic	22 4 1
93-2555	Fitting - Valve Body	11 17 1	95-7119	Hose - Hydraulic	19 23 1
93-2556	Needle Valve Assembly	12 * 1	95-7119	Hose - Return Line	22 11 1
93-3651	Retainer - Boot	13 22 2	95-7122	Battery Base Assembly	19 47 1
93-3651	Retainer - Boot	15 47 3	95-7124	Decal - Service (Spanish)	18 34 1
93-3652	Boot - Spool Assembly	14 * 2	95-7125	Decal - Service (French)	18 34 1
93-3652	Boot - Spool Assembly	16 * 3	95-7126	Decal - Service (German)	18 34 1
93-6668	Decal - Danger	19 45 1	95-7127	Decal - Service (Swedish)	18 34 1
93-7170	Cap - Fuel	23 1 1	95-7128	Decal - Service (Italian)	18 34 1
93-7252	Decal - C.E. Mark	19 46 1	95-7129	Decal - Service	18 34 1
93-7276	Decal - Danger	19 44 1	95-7130	Decal - Service (Norwegian)	18 34 1
93-7629	Pad - Brake	2 49 1	95-7131	Decal - Service (Finnish)	18 34 1
93-7630	Pad - Mow	2 39 1	95-7132	Decal - Service (Danish)	18 34 1
93-7631	Pad - Lift	2 37 1	95-7133	Decal - Service (Dutch)	18 34 1
93-8061	Plate - Control	20 2 1	95-7140	Tube - Cap	17 11 1
93-8062	Decal - Parking Brake	1 9 1	95-7142	Wire Harness - Main	25 38 1
93-8063	Decal - Danger	17 24 1	95-7143	Decal - Service (Japanese)	18 34 1
93-8064	Decal - Danger	4 3 1	95-7144	Cable Assembly - Positive	21 4 1
93-8064	Decal - Danger	6 3 1	95-7145	Wire Asm - Engine Ground	25 37 1
93-8064	Decal - Danger	3 13 1	95-7149	Pulley - Front Steering	17 16 1
93-8065	Decal - Traction	19 38 1	98-0601	Tube - Battery Drain	19 51 1
93-8067	Decal - Oil	18 33 1	98-0603	Boot - Terminal	19 52 1
93-8069	Decal - Warning	25 34 1	98-0604	Cable Assembly - Negative	21 5 1
93-8075	Decal - Mow/Lift	1 14 1	98-0608	Idler Shaft	27 5 1
93-9898	Decal - Lock	2 57 1	98-0609	Shaft - Drive	27 12 1
93-9901	Bracket - Lock Out, Mow	2 58 1	98-0610	Pin - Dowel	27 4 4
93-9903	Pin - Lock Out, Mow	2 56 1	98-0611	Body Assembly	27 7 1
93-9904	Arm - Lock Out, Mow	2 55 1	98-0612	Bearing Plate Assembly	27 18 2
93-9934	Traction Handle Assembly	10 12 1	98-0613	Cover Assembly	27 19 1
93-9936	Bracket - Cable	10 44 1	98-0614	Stud - Threaded	27 2 4
93-9937	Cable - Traction Return	10 45 1	98-0616	Muffler	25 19 1
94-2690	Filter - Fuel	23 13 1	98-0636	Engine Assembly	25 15 1
94-2694	Cover - R.H.	19 2 1	98-0646	Hose - Hydraulic	11 4 1
94-2959	Ball Joint Receiver Assy.	4 4 2	98-0646	Hose - Hydraulic (Bottom)	8 * 1
94-2959	Ball Joint Receiver Assy.	6 4 2	98-0647	Hose - Hydraulic	11 1 1
94-2959	Ball Joint Receiver Assy.	3 25 2	98-0647	Hose - Hydraulic (Top)	8 34 1
94-3506	Reel Motor Assembly	29 8 3	98-0648	Hose - Hydraulic	11 48 1
94-3507	Cover Assembly	30 4 1	98-0649	Hose - Hydraulic	26 1 2
94-3508	Drive Shaft Assembly	30 7 1	98-0649	Hose - Hydraulic	11 10 2
94-3509	Idler Gear Assembly	30 6 1	98-2150	Hose - Hydraulic	11 22 1
94-4248	Collar Spool	15 26 1	98-2150	Hose - Hydraulic	26 28 1
94-5434	Spool #5	15 1 1	98-2151	Hose - Hydraulic	11 6 1
94-5586	Bar - Lift L.H.	3 30 1	98-2151	Hose - Hydraulic	26 8 1
94-5588	Bar - Lift, R.H.	4 9 1	98-2153	Hose - Hydraulic	12 51 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
98-2160	Gauge - Voltmeter	20 4 1	254-79	Cup - Bearing	28 14 2
98-2161	Wire Assembly	21 3 1	256-2	Bushing	17 6 4
98-2163	Harness - Wire (Main)	20 8 1	256-2	Bushing - Sleeve	10 20 2
98-2163	Wire Harness - Main	21 1 1	256-113	Bushing	17 13 2
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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 3050 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 3050, 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 3050.
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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MAINTENANCE RECORD

[illegible]

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.