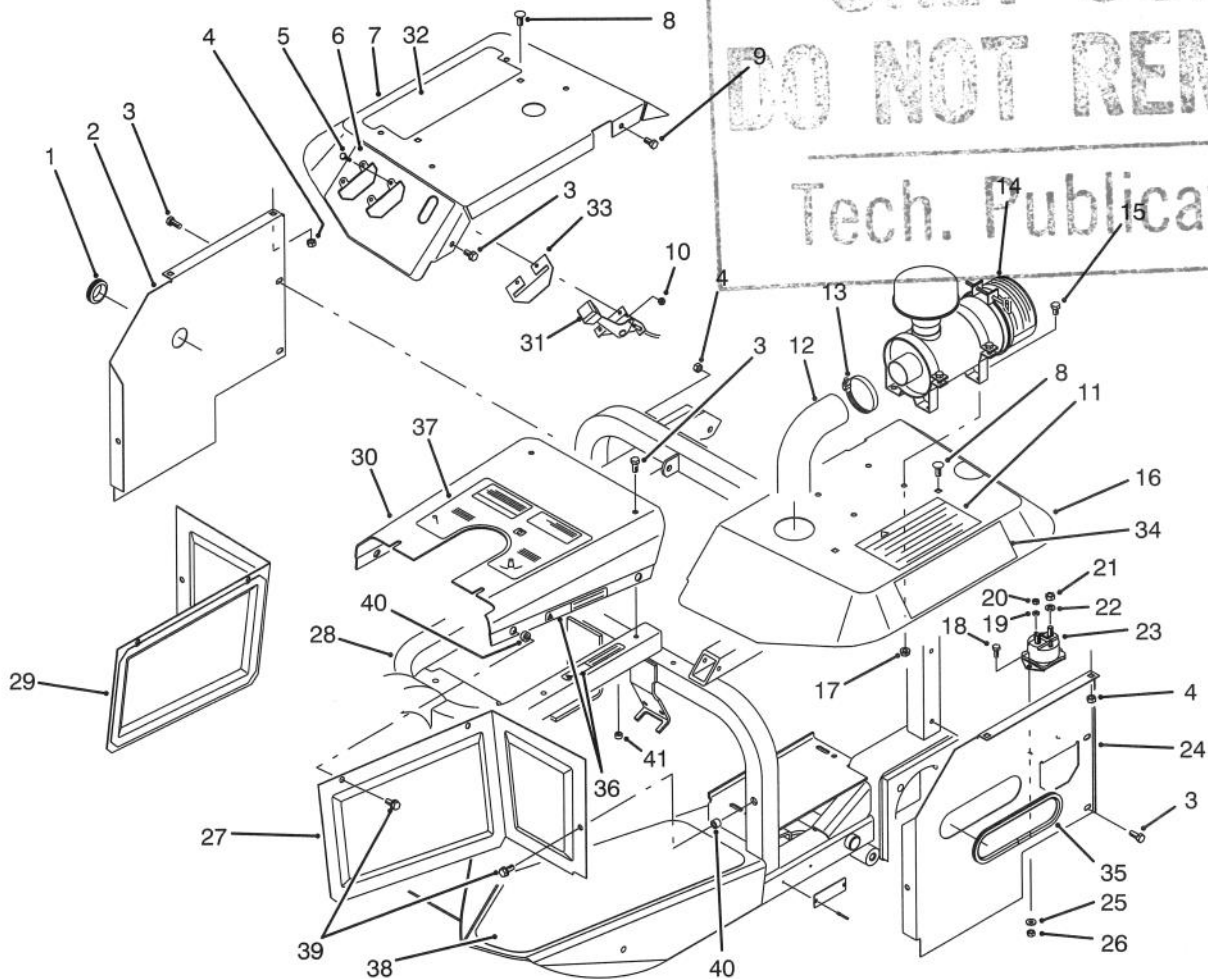




MODEL NO. 08881-20001 & UP

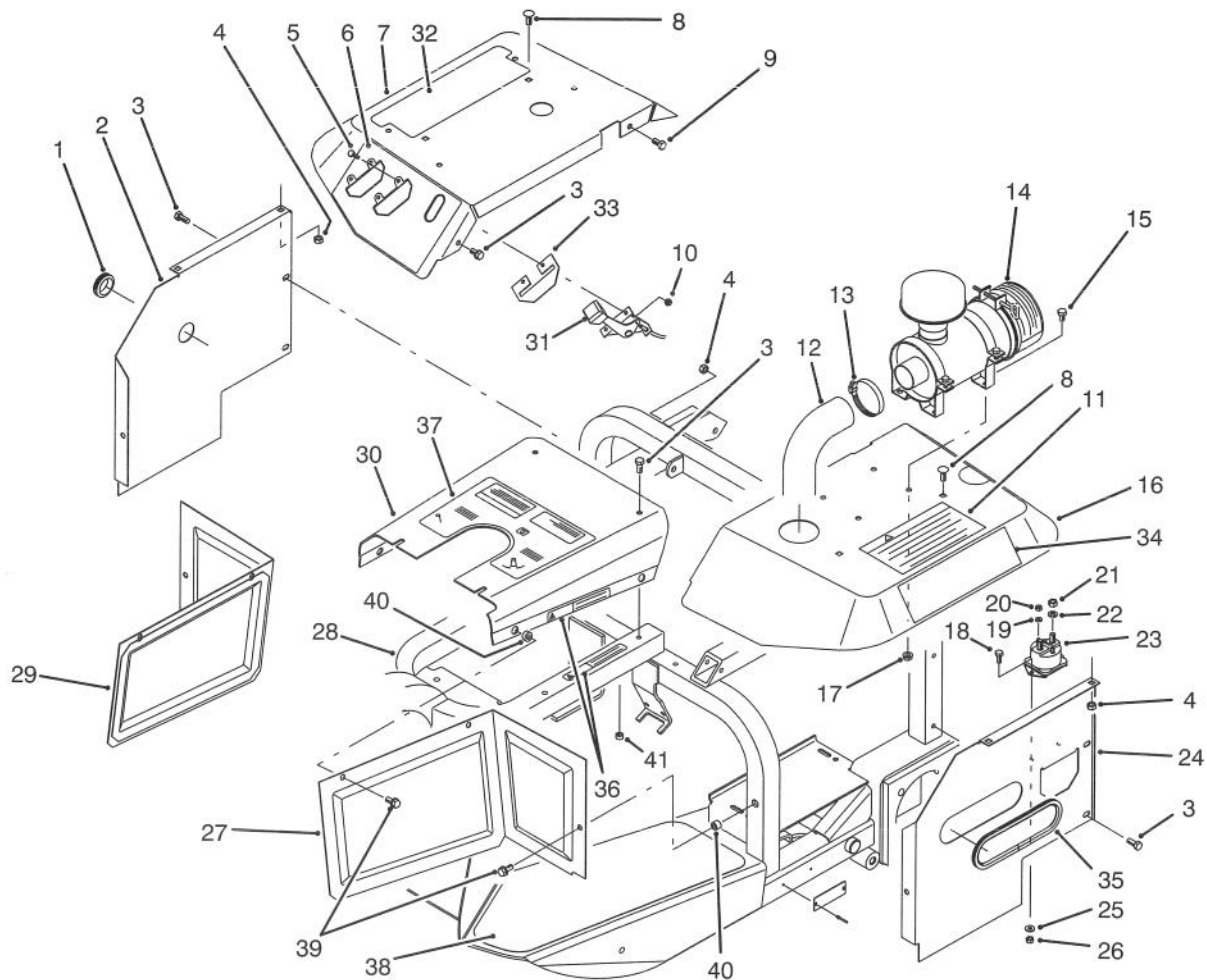
**PARTS
CATALOG**
SAND PRO® 5000


T-1472

BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	240-3	Grommet	1
2	85-9050	Panel - R.H. Rear	1
3	32144-11	Screw - Cap Hex. Hd.	8
4	3296-29	Nut - Lock	6
5	32105-13	Screw - Cap Hex. Hd.	4
6	85-8820	Decal - Control	1
7	85-9530	Fender - R.H.	1
8	3230-18	Bolt - Carriage	4
9	322-2	Screw - Cap Hex. Hd.	2
10	3296-2	Nut - Lock	4
11	85-8840	Decal - Warning	1
12	85-9500	Hose - Air Cleaner	1
13	2412-92	Clamp - Hose	1
14	46-6890	Air Cleaner Assembly	1
15	322-1	Screw - Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
16	14-7509	Fender Assembly L.H. (Incl. Ref. #11)	1
17	32128-20	Nut - Flange Lock	4
18	321-3	Screw - Cap Hex. Hd.	2
19	3254-1	Washer - Lock	2
20	3219-14	Nut - Hex.	2
21	3218-13	Nut - Hex.	2
22	3254-2	Washer - Lock	2
23	28-4210	Solenoid - Starter	1
24	85-9040	Panel - Rear L.H.	1
25	3256-22	Washer - Flat	2
26	3296-8	Nut - Lock	2
27	85-9680	Panel - Front L.H.	1
28	85-7600	Frame Assembly (Incl. Ref. #41)	1

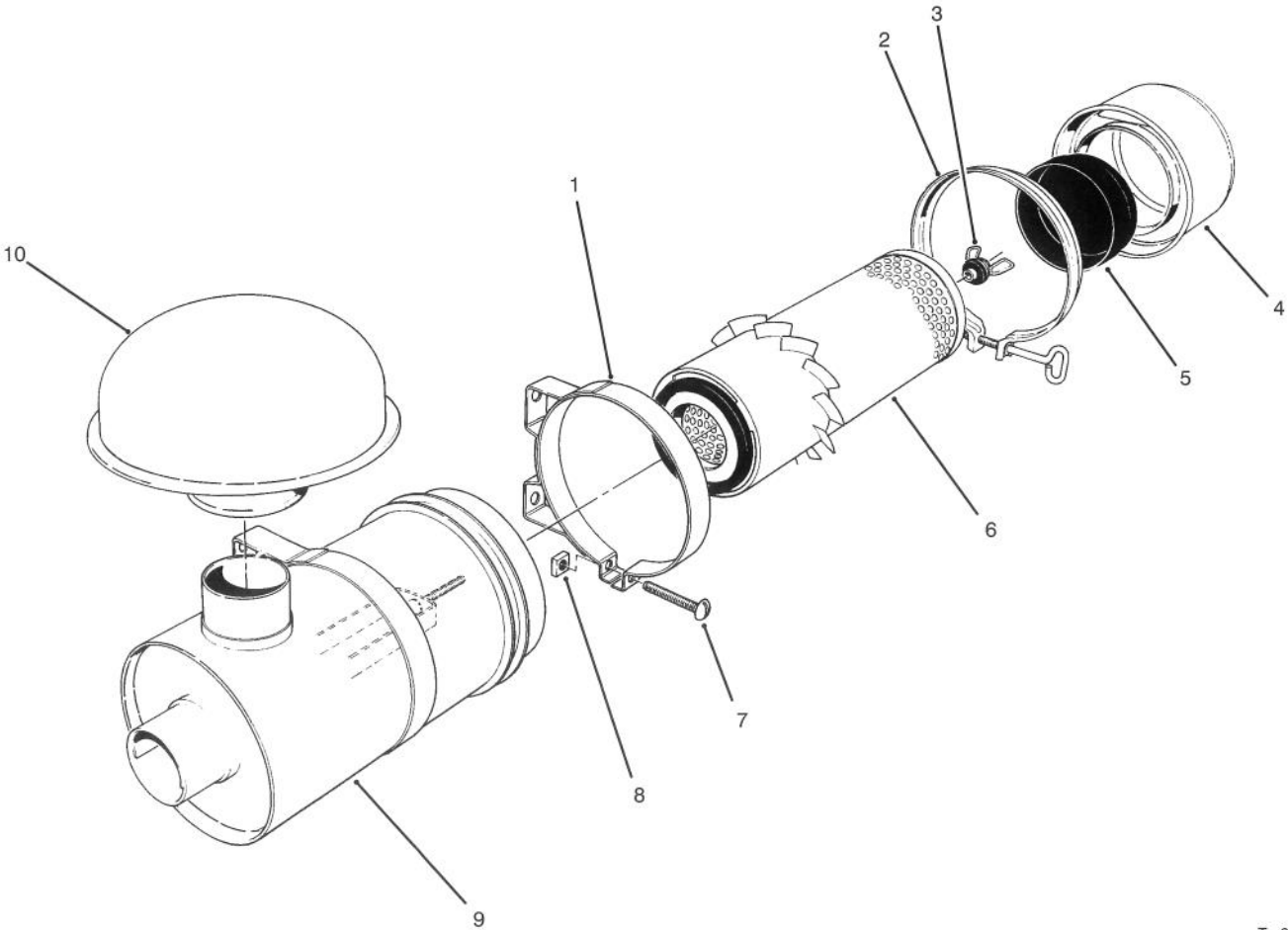


T-1472

BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
29	85-8490	Panel - Front R.H.	1	36	85-8880	Decal - Shield Missing	3
30	88-8130	Top Panel Assembly (Incl. Ref. #36, 37 & 40)	1	37	85-8810	Decal - Operating	1
31	85-9310	Control - Throttle & Choke	2	38	85-8790	Tread - Floor L.H.	1
32	80-2150	Pad - Litterbox	1	*	85-8780	Tread - Floor R.H.	1
33	85-9190	Plate - Control	1	39	3234-7	Screw - Hex. Flange Hd.	6
34	85-8800	Decal - Sand Pro 5000	2	40	32148-8	Nut - Clinch	6
35	88-8340	Trim - Panel	1	41	32148-11	Nut - Clinch	3

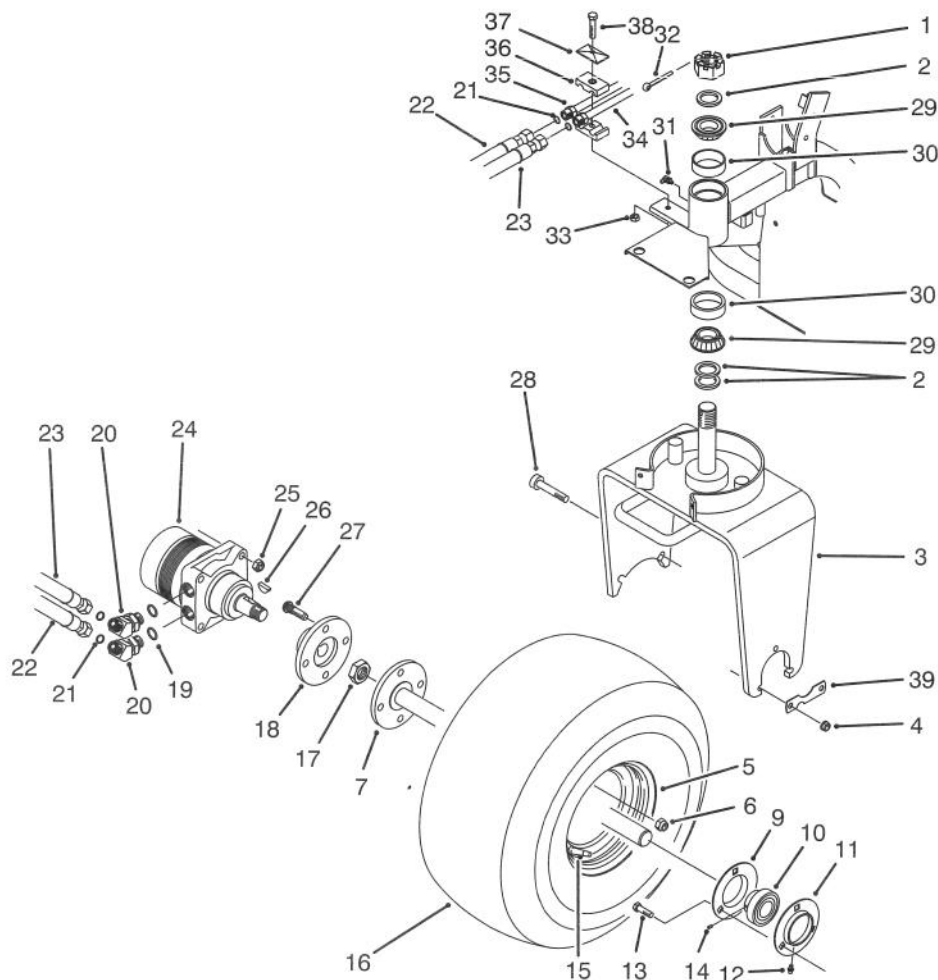
*Not Illustrated



T-0248

AIR CLEANER ASSEMBLY NO. 46-6890

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33-1350	Band Assembly (Incl. Ref. #7 & 8)	2	6	33-1300	Element Assembly	1
2	33-1340	Clamp Assembly	1	7	3258-19	Screw - Round Hd.	2
3	33-1330	Nut Assembly	1	8	32107-11	Nut - Square	2
4	33-1320	Cup	1	9		Body Assembly	1
5	33-1310	Baffle	1	10	46-7510	Hood - Intake	1

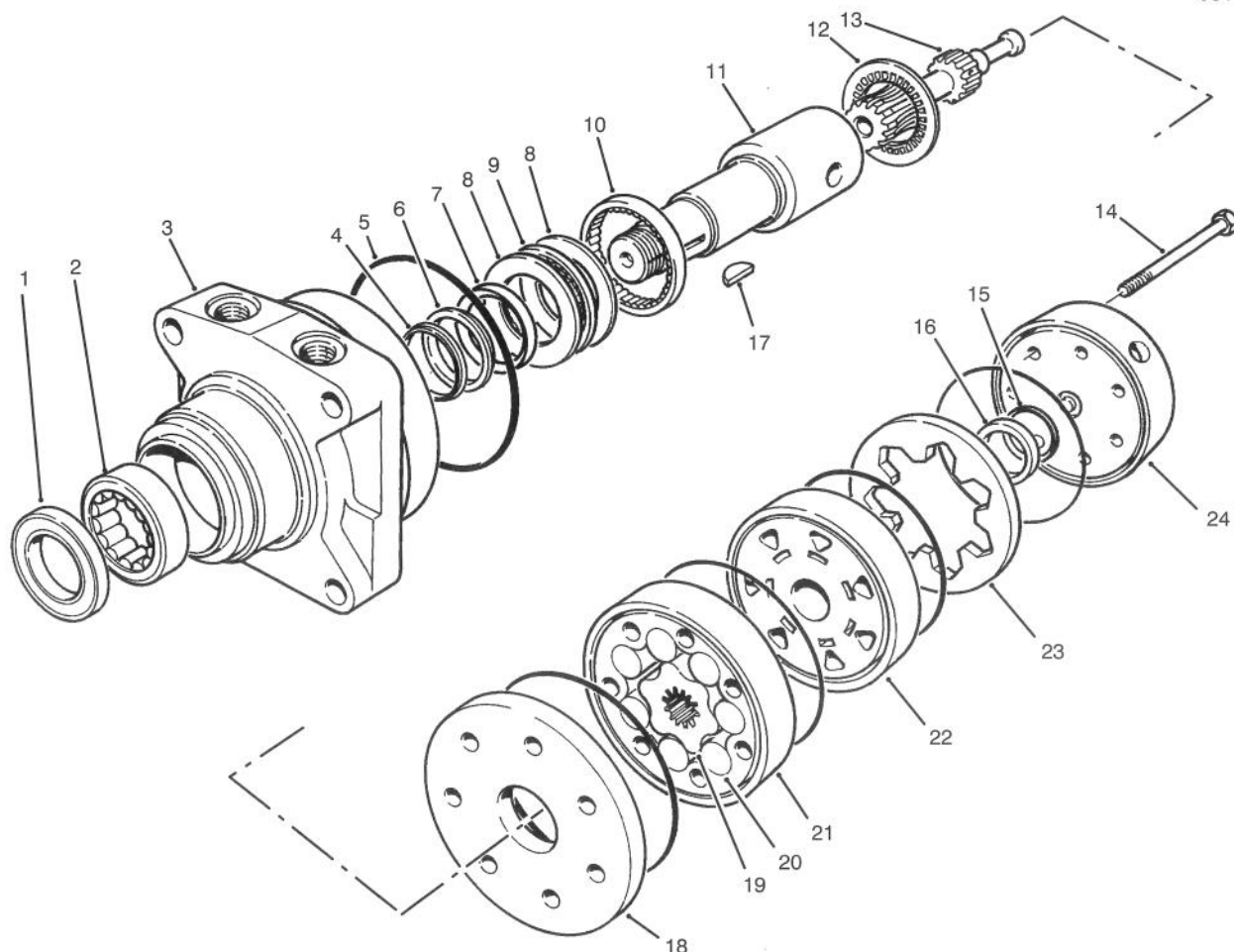


T-1468

FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32136-9	Nut - Slotted	1
2	18-6320	Washer	3
3	85-8060	Fork - Steering	1
4	3296-39	Nut - Lock	3
5	46-4810	Rim	1
6	242-50	Nut - Lug	4
7	18-6290	Shaft - Axle	1
9	85-8950	Flange - Bearing	1
10	251-352	Bearing Assembly (Incl. Ref. #14)	1
11	85-8940	Flange - Bearing Lube (Incl. Ref. #12)	1
12	302-5	Fitting - Grease	1
13	323-29	Screw - Cap Hex. Hd.	3
14	251-352	Screw - Set	2
15	232-35	Valve - Stem	1
16	85-8290	Tire	1
17	26-3790	Nut - Lock	1
18	17-4710	Hub	1
19	237-80	Seal - O-Ring	2
20	340-89	Fitting - Hydraulic 45° (Incl. Ref. #19 & 21)	2

Ref. No.	Part No.	Description	No. Used
21	237-30	Seal - O-Ring	4
22	85-9640	Hose - Hydraulic	1
23	85-9630	Hose - Hydraulic	1
24	75-9830	Hydraulic Motor Assembly	1
25	3296-23	Nut - Lock	2
26	3257-42	Key - Woodruff	1
27	10-6830	Stud - Drive	4
28	3274-93	Screw - Hex. Socket Hd.	2
29	254-70	Cone - Bearing	2
30	254-61	Cup - Bearing	2
31	302-60	Fitting - Grease	1
32	3272-37	Pin - Cotter	1
33	3296-8	Nut - Lock	1
34	85-9360	Tube - Hydraulic (Incl. Ref. #21)	1
35	85-9370	Tube - Hydraulic (Incl. Ref. #21)	1
36	56-7976	Clamp - Tube	1
37	69-9760	Plate - Cover	1
38	321-10	Screw - Cap Hex. Hd.	1
39	88-8350	Tab - Bearing	1

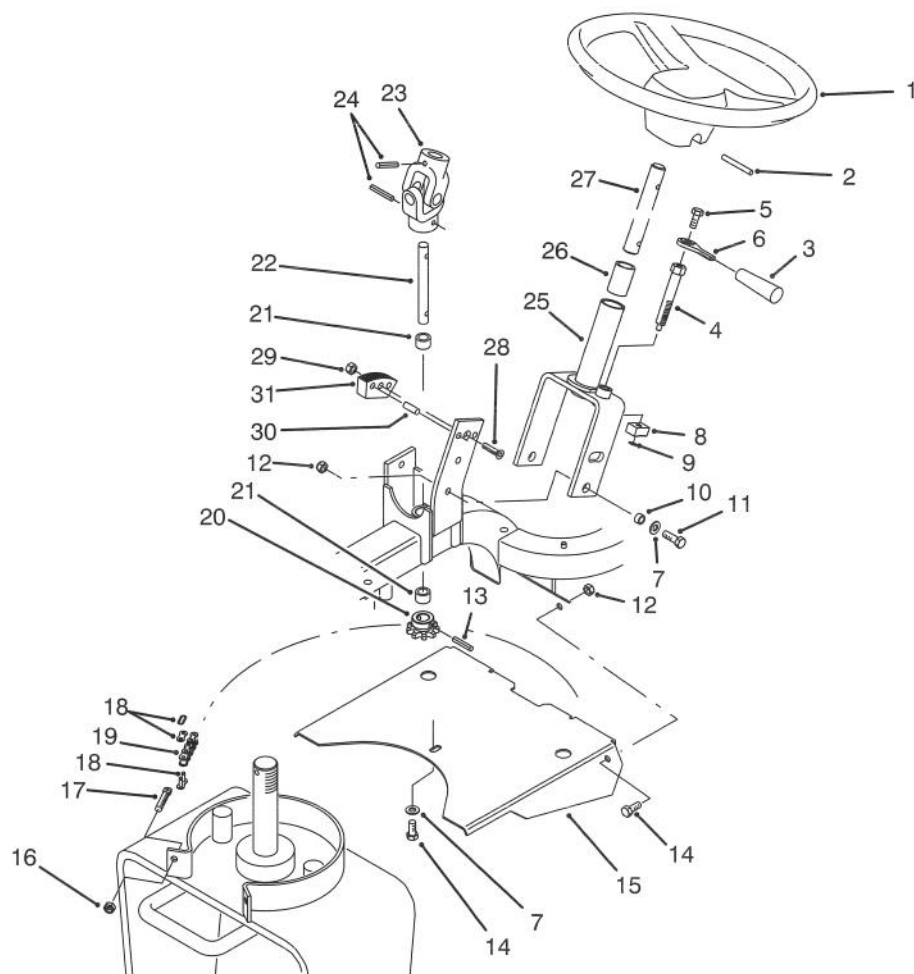


T-0983

FRONT HYDRAULIC DRIVE MOTOR NO. 75-9830

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 - Backup	1	20		Vane	7
5		Seal - Rings	5	21		Stator	1
6		Washer - Backup	1	22	76-0840	Manifold	1
7		Seal - Inner	1	23		Ring - Commutator	1
8		Washer - Thrust	2	24	76-0940	Assembly - Cover, End	1
9		Bearing - Thrust	1	*	76-0950	Rotor Set (Incl. Ref. #19-21)	1
10		Bearing	1	*	76-0880	Assembly - Commutator (Incl. Ref. #15, 16 & 23)	1
11	76-0860	Shaft - Coupling	1	*	76-0800	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
12	76-0850	Bearing - Thrust	1	*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1
13	76-0930	Link - Drive	7				
14	76-1030	Screw - Cap, Hex. Hd.	1				
15		Seal - Commutator	1				
16		Commutator	1				

*Not Illustrated

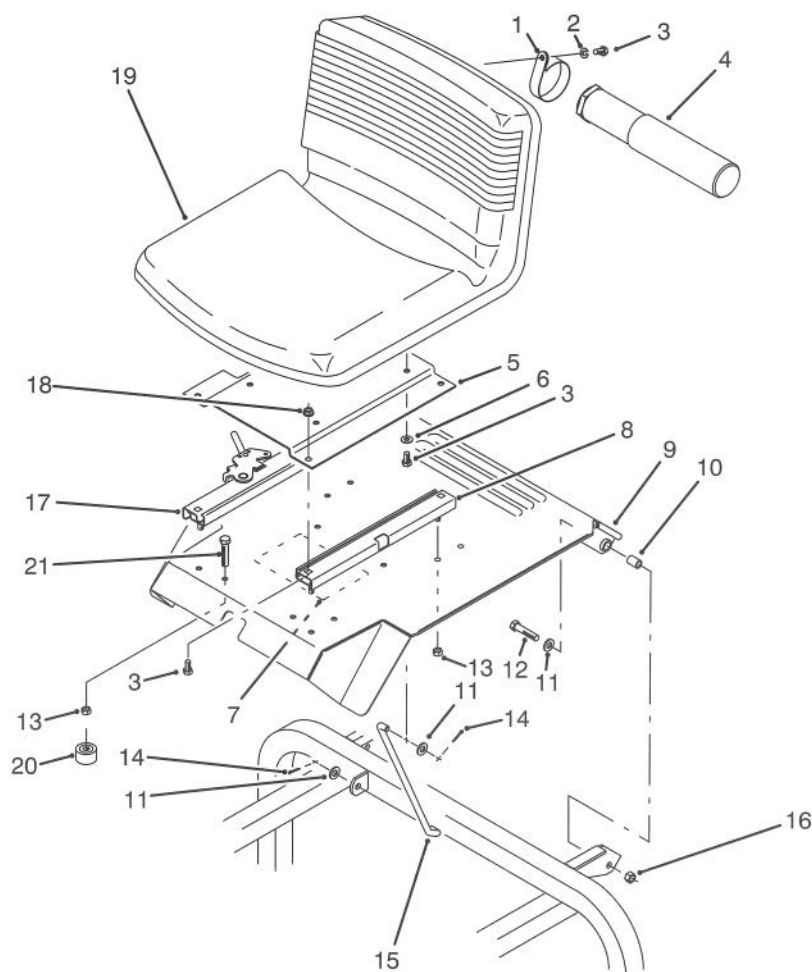


T-1471

STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-1420	Wheel - Steering	1
2	32121-111	Pin - Roll	1
3	233-39	Handle	1
4	88-8240	Pin - Tilt Lock	1
5	322-43	Screw - Cap Hex. Hd.	1
6	88-8280	Lever - Steering Adjust	1
7	3256-23	Washer - Flat	4
8	88-8530	Block - Lock Upper	1
9	32151-105	Ring - Retaining	1
10	85-9120	Spacer	3
11	322-5	Screw - Cap Hex. Hd.	3
12	3296-29	Nut - Lock	5
13	32121-112	Pin - Roll	1
14	322-3	Screw - Cap Hex. Hd.	3
15	85-8970	Shield - Chain	1
16	3296-4	Nut - Lock	2

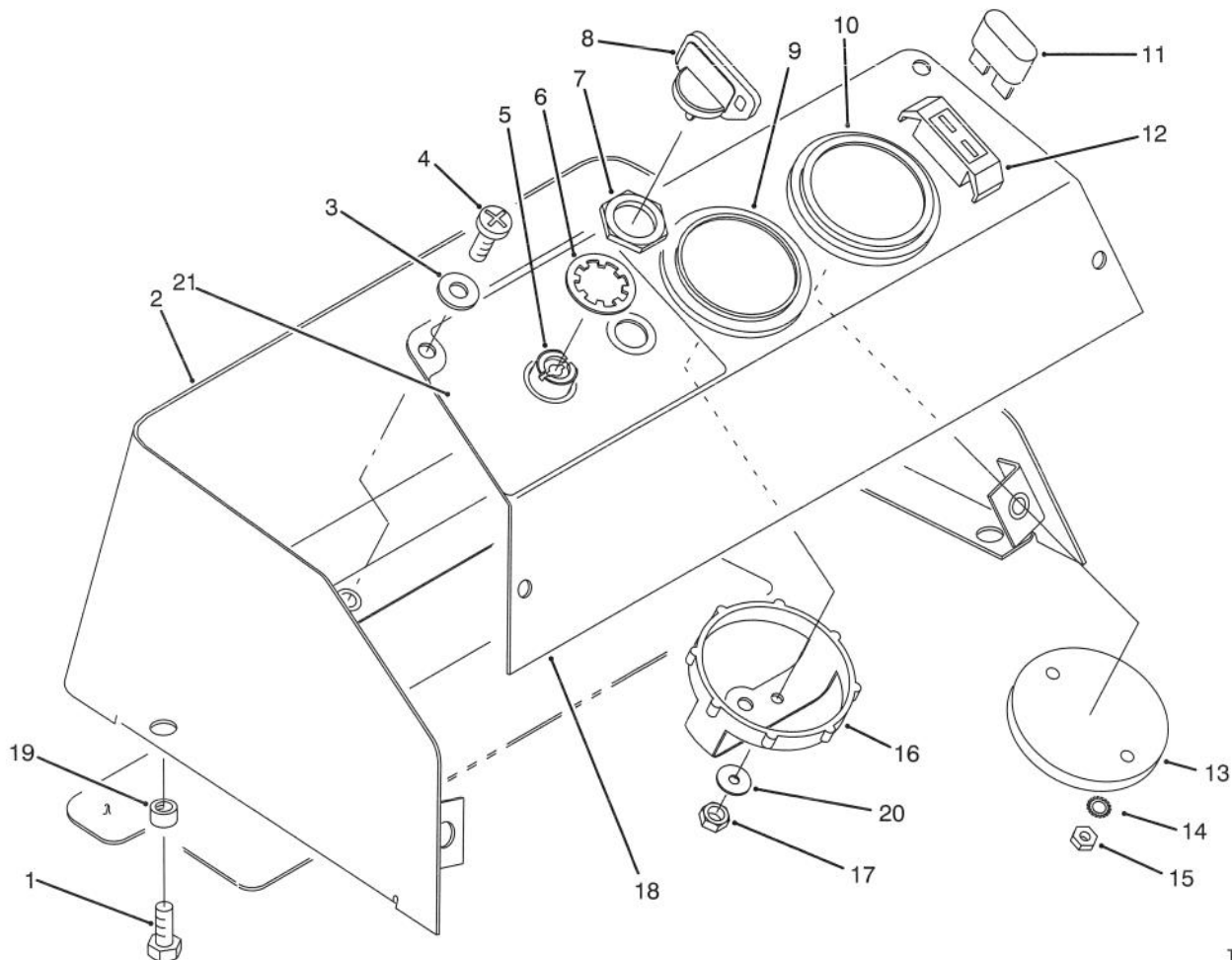
Ref. No.	Part No.	Description	No. Used
17	18-6380	Bolt - Adjustment	2
18	2710-11	Link - Connecting	2
19	85-8030	Chain	1
20	85-9180	Sprocket	1
21	256-287	Bushing - Sleeve	2
22	85-9210	Shaft - Steering Lower	1
23	85-9200	Joint - Universal	1
24	32121-15	Pin - Roll	2
25	88-8290	Steering Column Assembly (Incl. Ref. #26)	1
26	256-185	Bushing - Sleeve	1
27	85-9220	Shaft - Steering Upper	1
28	3289-24	Screw - Socket Flat Hd.	1
29	3296-29	Nut - Lock	1
30	88-8510	Dowel	2
31	88-8520	Block - Lock Lower	1



T-1470

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-133	Clamp - R	2	12	323-9	Screw - Cap Hex. Hd.	2
2	3253-4	Washer - Lock	2	13	3296-29	Nut - Lock	6
3	322-2	Screw - Cap Hex. Hd.	10	14	3274-4	Pin - Cotter	2
4	74-0720	Tube - Manual	1	15	85-9320	Rod - Seat Prop	1
5	85-9660	Plate - Seat	1	16	3296-39	Nut - Lock	2
6	3256-3	Washer - Flat	4	17	51-0790	Slide - Seat Adjust	1
7	85-8850	Decal - Service	1	18	32128-20	Nut - Flange Lock	4
8	51-0780	Slide - Seat Adjust	1	19	76-1401	Seat	1
9	85-9230	Support - Seat	1	20	88-8360	Bumper	2
10	85-0290	Spacer - Seat Support	2	21	322-42	Screw - Cap Hex. Hd.	2
11	3256-24	Washer - Flat	4				

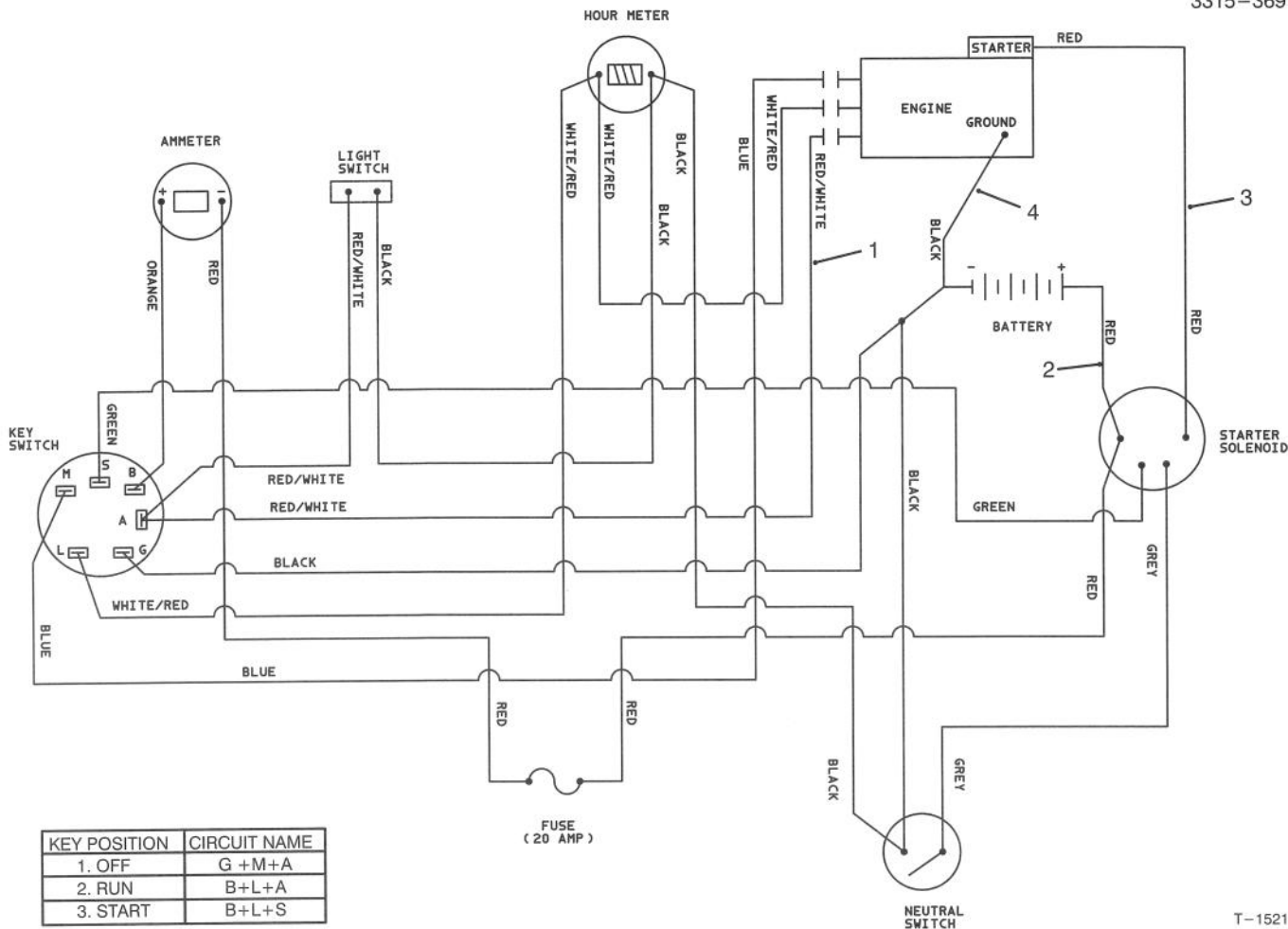


T-1479

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-3	Screw - Cap Hex. Hd.	4
2	85-9070	Console Assembly (Incl. Ref. #19)	1
3	3256-1	Washer - Flat	4
4	3258-166	Screw - Phillips Hd.	4
5	83-0020	Ignition Switch Assembly (Incl. Ref. #6-8)	1
6	3254-5	Washer - Lock	1
7	218-461	Nut - Lock	1
8	63-8360	Key - Ignition	1
9	83-0820	Ammeter Assembly (Incl. Ref. #16-17 & 20)	1
10	66-2950	Hour Meter Assembly (Incl. Ref. #13-15)	1
11	218-594	Fuse - 20 Amp	2
12	80-2120	Wire Harness Assembly (Incl. Ref. #11)	1

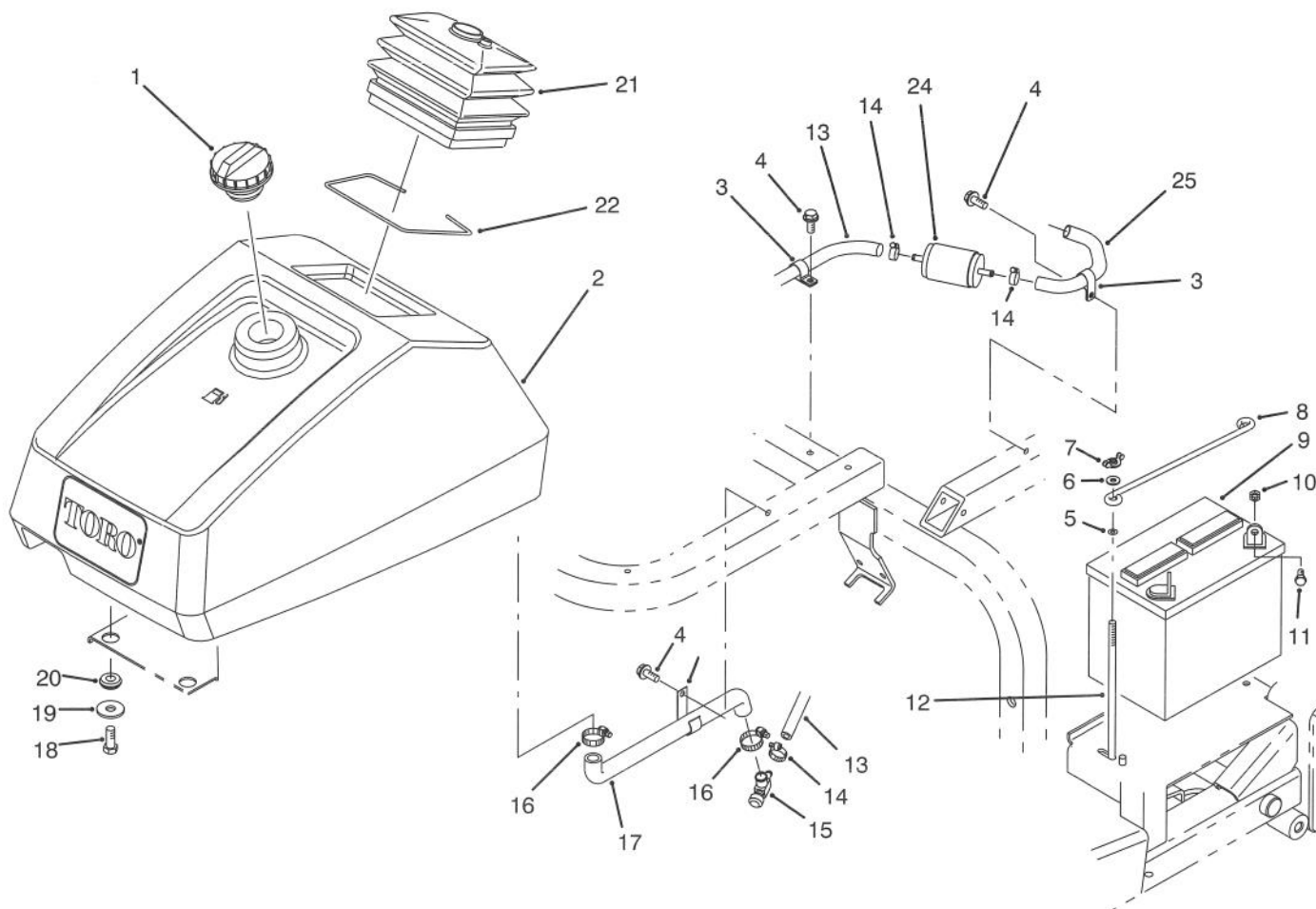
Ref. No.	Part No.	Description	No. Used
13		Clamp - Hour Meter	1
14	3255-20	Washer - E.T.L.W.	2
15	3217-25	Nut - Hex	2
16	39-9600	Clamp - Ammeter	1
17	3219-14	Nut - Hex.	2
18	85-8890	Panel - Console	1
19	32148-6	Nut - Clinch	8
20		Washer - Flat	1
21	85-8830	Decal - Console	1
*	3290-378	Tie - Cable (For Wire Harness)	3
*	3290-509	Mount - Tie (For Wire Harness)	3
*	3274-31	Screw - Hex. Socket Hd. (For Wire Harness)	3



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	80-2120	Wire Harness – Main	1
2	80-2110	Cable – Solenoid – Starter	1

Ref. No.	Part No.	Description	No. Used
3	83-2420	Cable – Positive	1
4	88-8330	Cable – Engine Ground	1

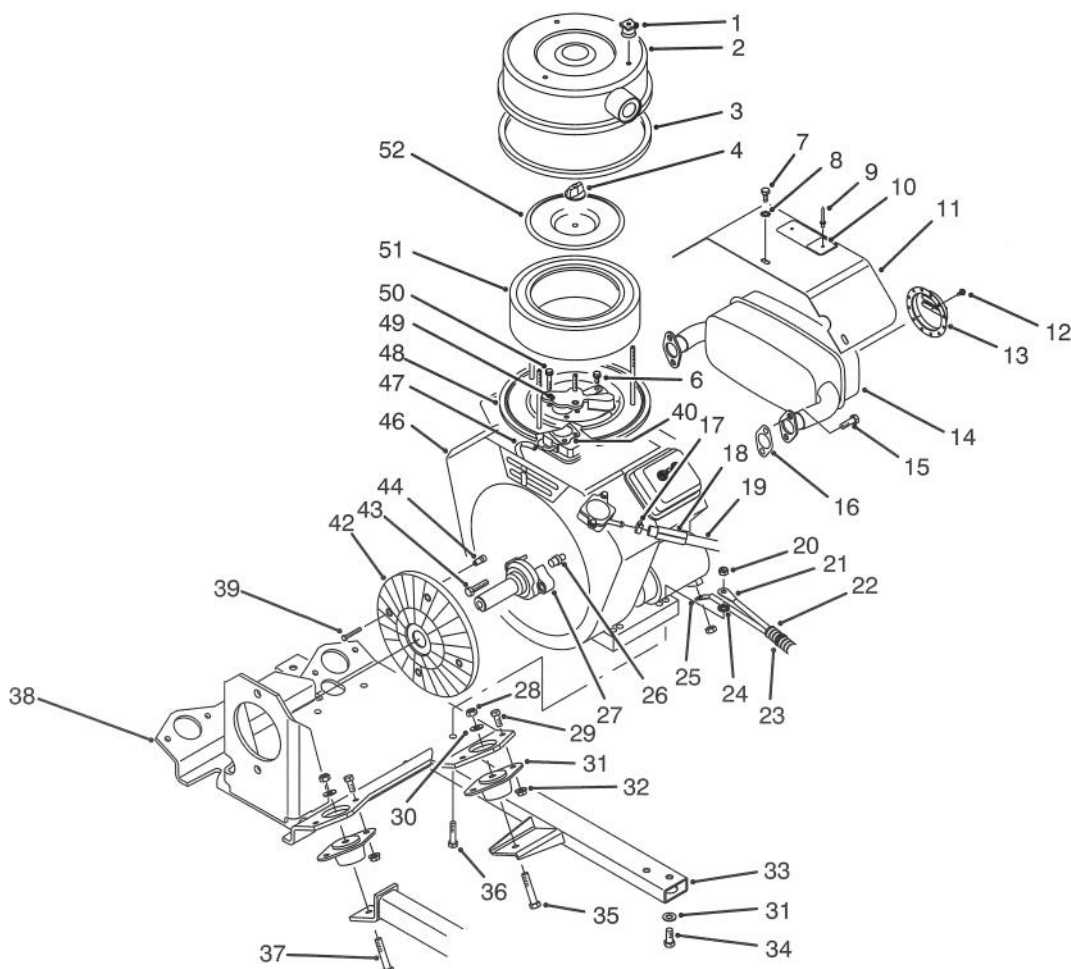


T-1478

FUEL TANK & BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8631	Cap - Fuel	1
2	85-9000	Tank - Fuel	1
3	2412-93	Clamp - R	2
4	32144-11	Screw - Self Tapping	3
5	237-143	Grommet	2
6	3256-22	Washer - Flat	2
7	32103-12	Nut - Wing	2
8	72-4790	Hold-Down - Battery	1
9	28-1400	Battery	1
10	3217-5	Nut - Hex.	2
11	321-3	Screw - Cap Hex. Hd.	2
12	56-7720	Rod - Battery Hold-Down	2
13	21-2480	Hose - Fuel	1

Ref. No.	Part No.	Description	No. Used
14	2412-108	Clamp - Hose	3
15	83-1390	Fitting - Fuel Shut-Off	1
16	2412-36	Clamp - Hose	2
17	85-9140	Hose - Fuel	1
18	323-6	Screw - Cap Hex. Hd.	3
19	63-8410	Washer - Flat	3
20	240-11	Grommet	3
21	85-9010	Boot - Steering	1
22	85-8930	Retainer - Boot	1
23	2412-109	Clip - J	1
24	83-1320	Filter - Fuel	1
25	47-2964	Hose - Fuel	1

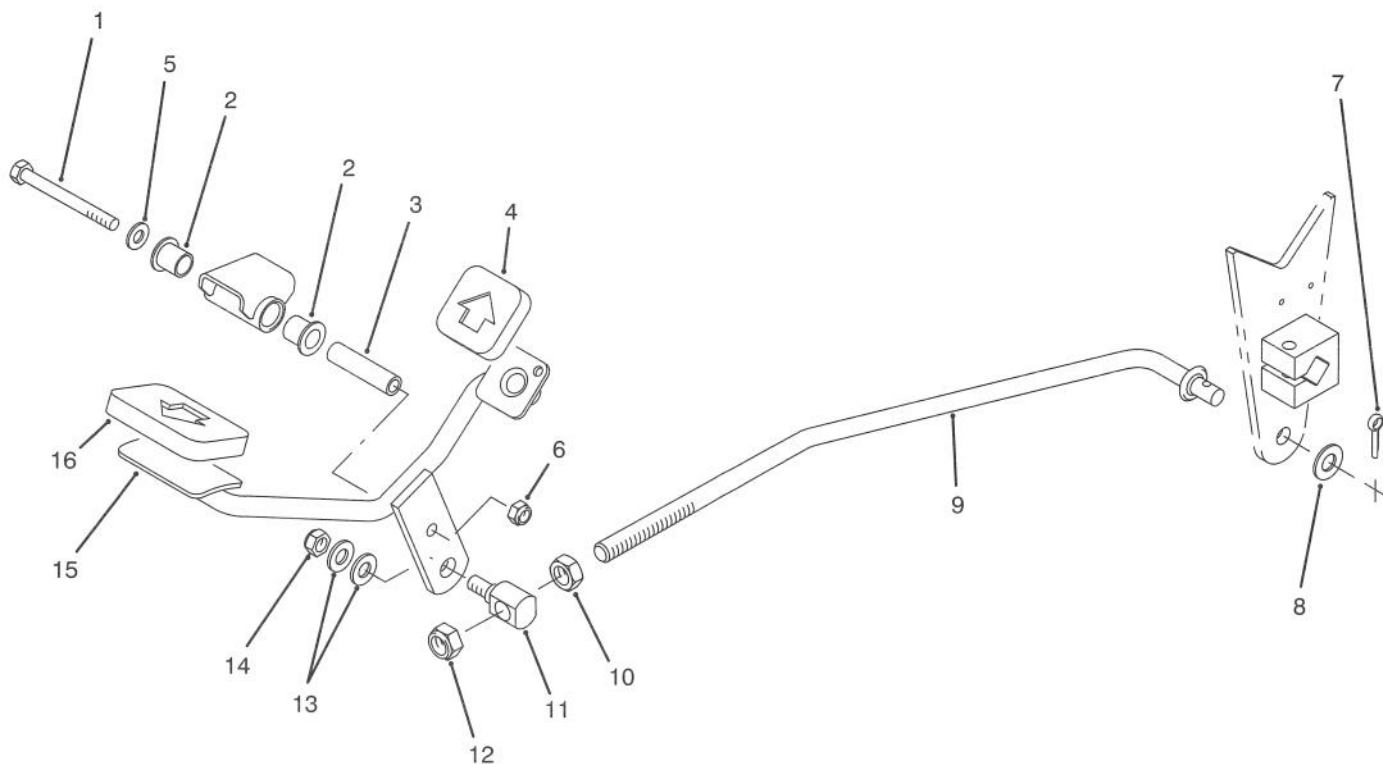


T-1474

ENGINE & MUFFLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1	281051	Knob – Air Cleaner	3	†26	805613	Pin – Pilot	1
2	85-8370	Cover – Air Cleaner	1	†27	262680	Shaft – Stub	12
3	85-8360	Seal – Cover	1	28	3296-39	Nut – Lock	4
†4	491875	Knob – Air Cleaner	1	29	322-4	Screw – Cap Hex. Hd.	8
†6	805406	Screw – Hex. Flange Hd.	3	30	3256-24	Washer – Flat	8
7	48-7620	Screw – Cap Hex. Hd.	3	31	83-1031	Mount – E/Wngine	4
8	3255-7	Washer – ETLW	3	32	3296-29	Nut – Lock	8
9	3296-32	Rivet – Pop	2	33	85-8600	Support – Engine	1
10	80-8290	Plate – Hot Surface	1	34	323-33	Screw – Cap Hex. Hd.	4
11	88-8380	Muffler Shield Assembly (Incl. Ref. #9 & 10)	1	35	323-10	Screw – Cap Hex. Hd.	2
12	83-2230	Screw	4	36	322-9	Screw – Cap Hex. Hd.	4
13	83-2220	Deflector – Exhaust	1	37	323-11	Screw – Cap Hex. Hd.	2
14	80-2060	Muffler	1	38	85-8640	Base – Engine	1
†15	805158	Screw	4	†39	805447	Screw – Cap Hex. Hd.	4
†16	805023	Gasket – Exhaust	2	†40	805655	Gasket – Carburetor	1
17	2412-108	Clamp – Hose	1	†42	805723	Screen – Rotating	1
18	38-3400	Guard – Rubber	1	†43	093847	Screw – Cap Hex. Hd.	2
19	47-2964	Hose – Fuel	1	†44	805402	Spacer – Screen	4
20	3296-29	Nut – Lock	4	46	85-8000	Engine Assembly	1
21	88-8330	Cable – Negative	1	47	75-4705	Hose – Fuel	1
22	88-8390	Cover – Cable	1	48	85-8430	Base – Air Cleaner	1
23	3290-378	Tie – Cable	2	†49	807797	Shield – Carburetor Inlet	1
24	3254-2	Washer – ITLW	1	†50	805057	Screw – Cap Hex. Hd.	2
25	83-2420	Cable – Positive	1	†51	394018	Element – Air Cleaner	1
				†52	805631	Plate – Element	1

†Contact your local Briggs & Stratton Dealer for part replacement.

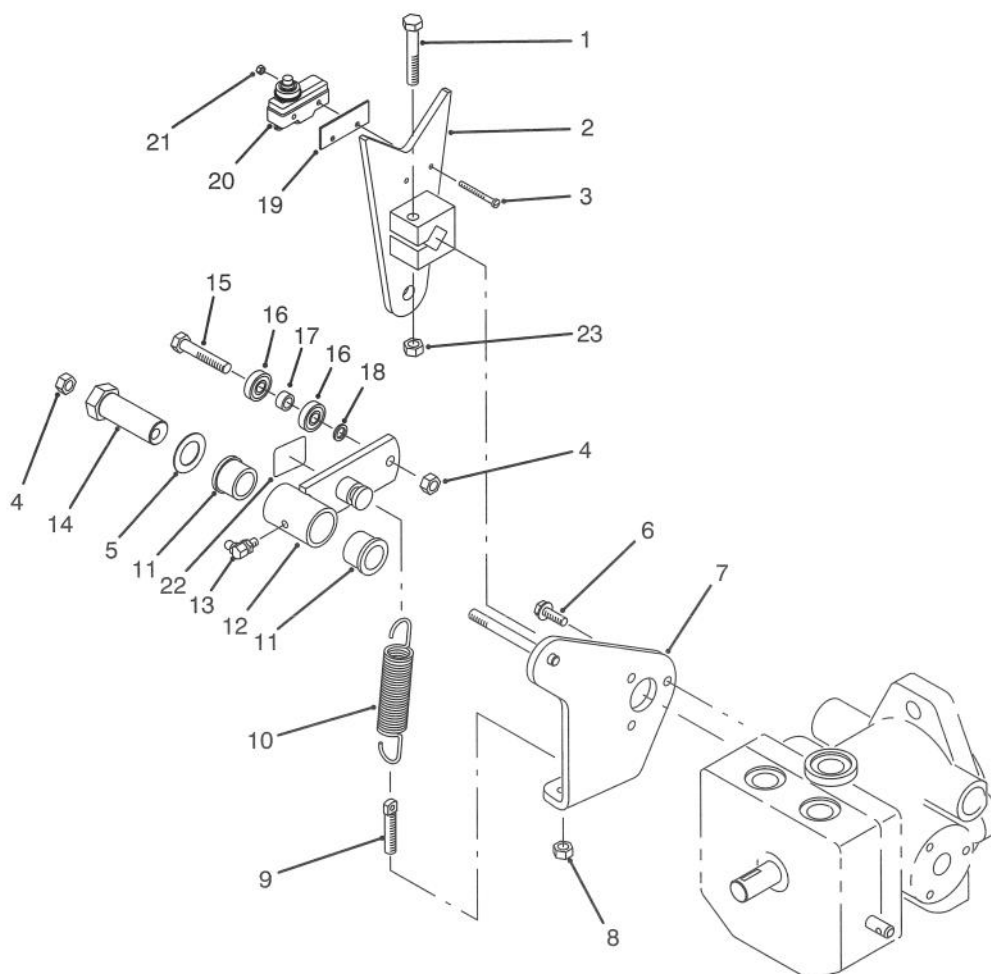


T-1476

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-14	Screw - Cap Hex. Hd.	1
2	256-219	Bushing - Flange	2
3	85-8960	Spacer	1
4	74-9110	Pad - Reverse	1
5	3256-23	Washer - Flat	1
6	3296-29	Nut - Lock	1
7	3272-16	Pin - Cotter	1
8	3256-26	Washer - Flat	1

Ref. No.	Part No.	Description	No. Used
9	85-8450	Rod - Control	1
10	3218-5	Nut - Jam	1
11	85-9540	Stud - Adjuster	1
12	3296-23	Nut - Lock	1
13	3256-24	Washer - Flat	2
14	3296-39	Nut - Lock	1
15	85-8530	Pedal Assembly	1
16	74-9100	Pad - Forward	1

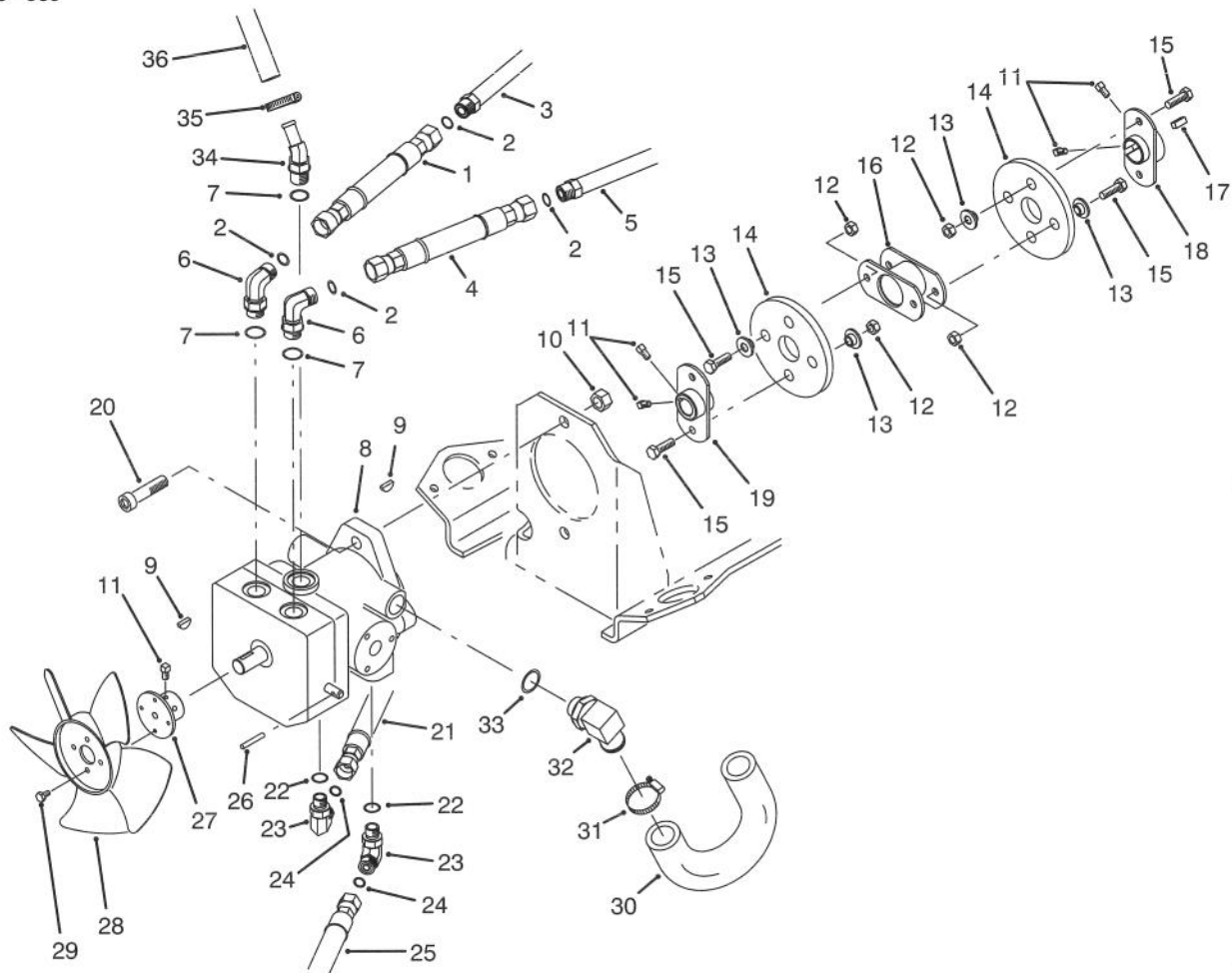


T-1480

PUMP CONTROL LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-10	Screw - Cap Hex. Hd.	1
2	85-8300	Lever - Pump	1
3	32105-21	Screw - Machine	2
4	3296-29	Nut - Lock	2
5	3-6498	Washer - Thrust	1
6	49-2040	Screw - Hex. Flange Hd.	3
7	85-8320	Plate - Pump	1
8	3296-4	Nut - Lock	1
9	18-6380	Pin - Adjusting	1
10	85-9030	Spring - Extension	1
11	256-113	Bushing - Flange	2
12	85-8460	Switch Arm Assembly (Incl. Ref. #11 & 13)	1

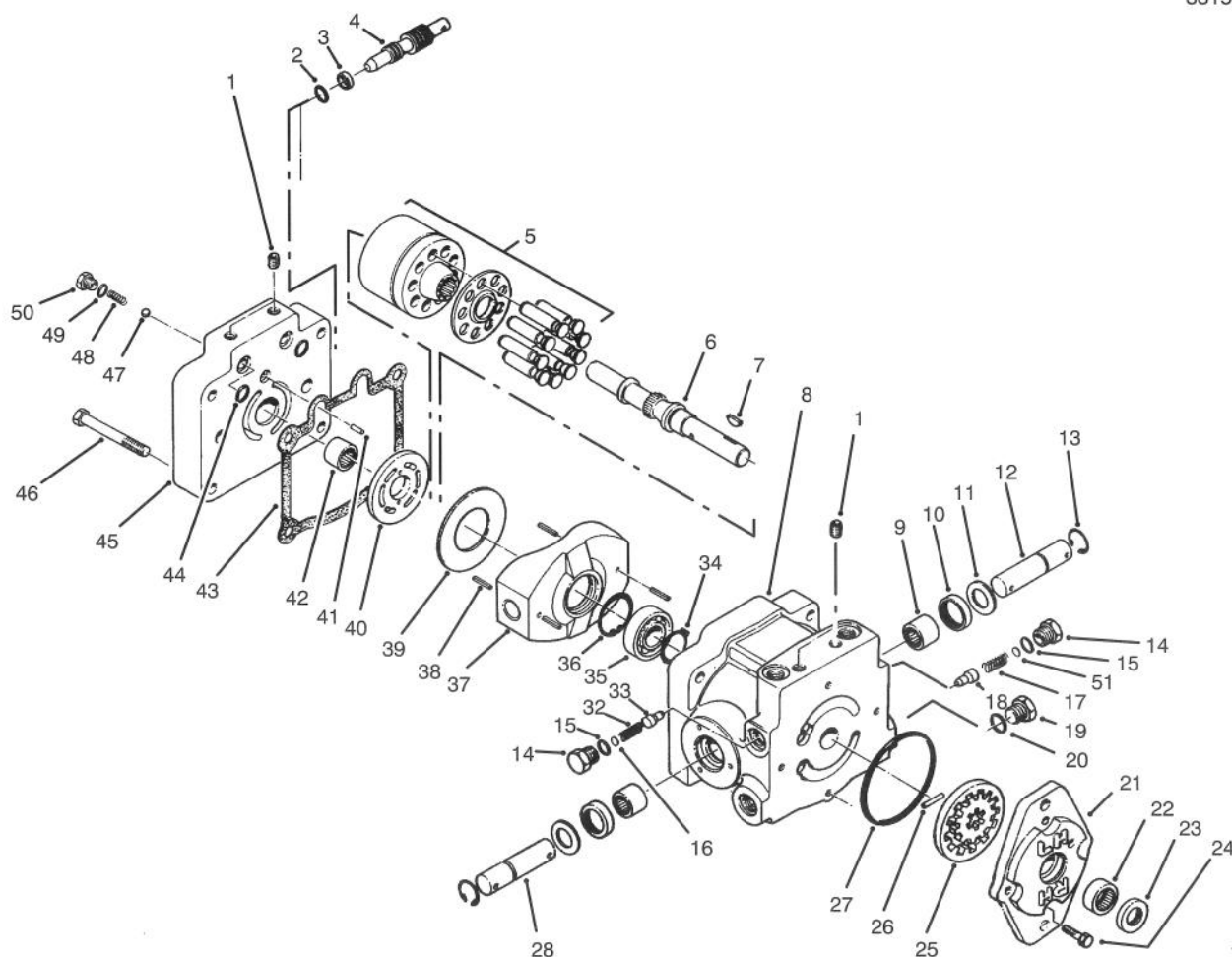
Ref. No.	Part No.	Description	No. Used
13	302-60	Fitting - Grease	1
14	76-8640	Stud - Traction	1
15	322-9	Screw - Cap Hex. Hd.	1
16	251-259	Bearing	2
17	85-9120	Spacer	1
18	75-5470	Spacer	1
19	85-9150	Plate - Switch	1
20	29-6163	Switch - Neutral	1
21	3296-9	Nut - Lock	2
22	85-8860	Decal - Eccentric Bolt	1
23	3296-39	Nut - Lock	1



T-1475

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	85-9620	Hose - Hydraulic	1	19	85-8700	Hub - Pump	1
2	237-30	Seal - O-Ring	4	20	3274-5	Screw - Hex. Socket Hd.	2
3	85-9430	Hydraulic Tube Assembly (Incl. Ref. #2)	1	21	85-9600	Hose - Hydraulic	1
4	85-9610	Hose - Hydraulic	1	22	237-42	Seal - O-Ring	2
5	85-9420	Hydraulic Tube Assembly (Incl. Ref. #2)	1	23	340-77	Fitting - Hydraulic 90° (Incl. Ref. #22 & 24)	2
6	340-98	Fitting - Hydraulic 90° (Incl. Ref. #2 & 7)	2	24	237-22	Seal - O-Ring	2
7	237-79	Seal - O-Ring	3	25	85-9590	Hose - Hydraulic	1
8	85-8240	Hydraulic Pump Assembly (Incl. Ref. #9)	1	26	32121-6	Pin - Roll	1
9	3257-32	Key - Woodruff	2	27	85-8670	Hub - Fan	1
10	3296-23	Nut - Lock	2	28	85-9560	Fan	1
11	3241-5	Screw - Set Sq. Hd.	6	29	32144-73	Screw - Cap Hex. Hd.	4
12	3296-29	Nut - Hex.	8	30	85-7680	Hose - Hydraulic	1
13	27-6600	Spacer - Coupler	8	31	2412-34	Clamp - Hose	1
14	80-8650	Coupler - Rubber	2	32	61-2710	Fitting - Hydraulic 90° (Incl. Ref. #33)	1
15	322-4	Screw - Cap Hex. Hd.	8	33	237-80	Seal - O-Ring	1
16	85-8770	Coupling	1	34	354-126	Fitting - Hydraulic 45° (Incl. Ref. #7)	1
17	85-9020	Key - Square	1	35	2412-36	Clamp - Hose	1
18	85-8730	Hub - Engine	1	36	85-9450	Hose - Hydraulic	1

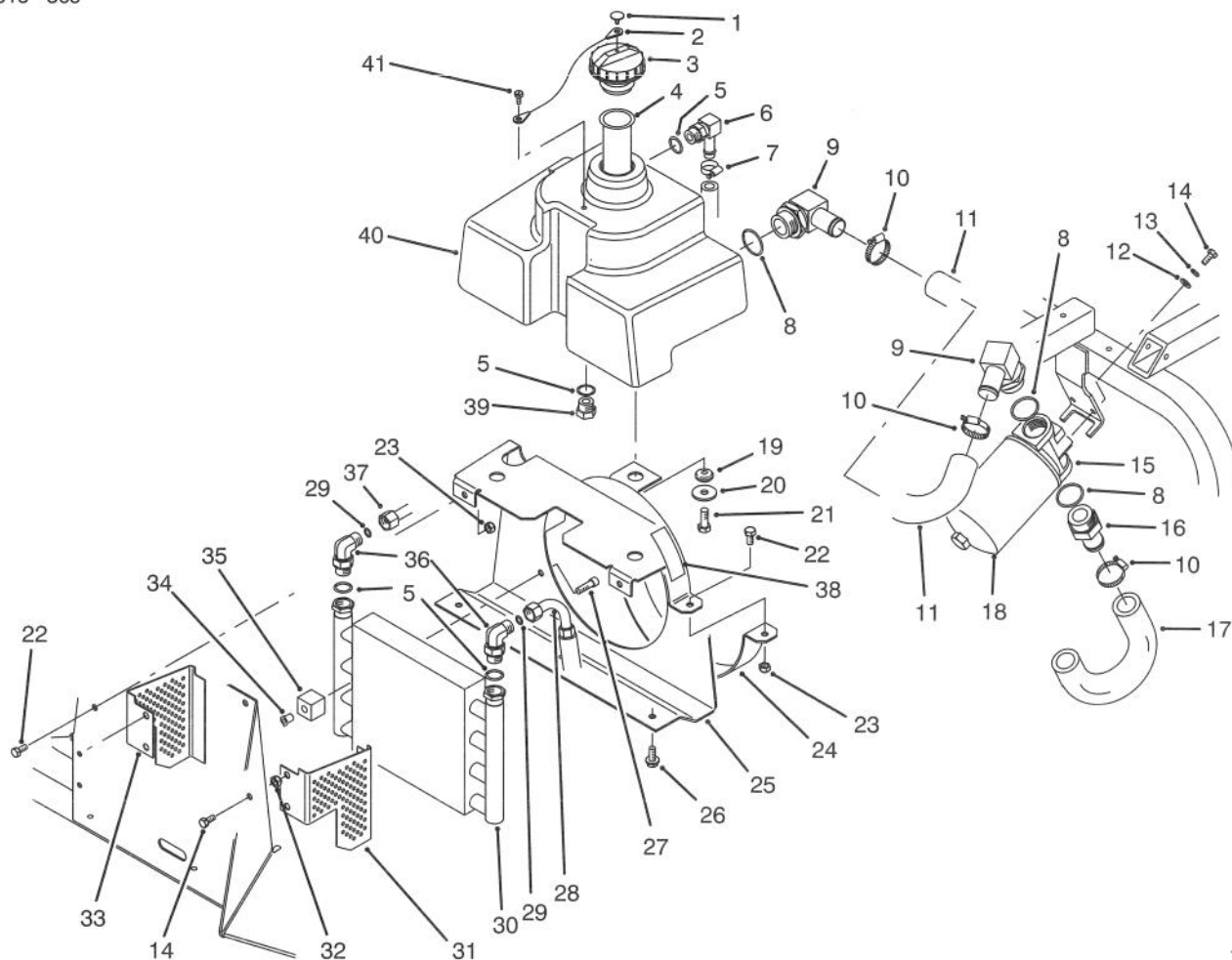


T-0245

HYDRAULIC PUMP ASSEMBLY NO. 85-8240

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	285-17	Plug - Pipe	6	25	25-2680	Gerotor Assembly	1
2	237-22	O-Ring	1	26	25-2530	Pin - Straight	1
3	25-2630	Ring	1	27	237-95	O-Ring	1
4	25-2620	Valve - By-Pass	1	28	49-8480	Shaft - Trunion	1
5	48-1800	Cylinder Block Kit	1	32	25-2480	Spring - Charge Relief	1
6	67-8020	Shaft - Pump	1	33	28-3420	Cone - Charge Relief	1
7	3257-32	Key - Woodruff	1	34	32120-15	Ring - Retaining	1
8	85-4920	Hydraulic Pump Assembly (Complete)	1	35	251-8	Bearing - Ball	1
9	252-82	Bearing - Needle	2	36	32120-11	Ring - Retaining	1
10	25-3210	Seal - Lip	2	37	25-2450	Swash/Plate	1
11	25-2510	Washer	2	38	32121-91	Pin - Coiled Spring	3
12	25-2580	Shaft - Trunion	1	39	25-2380	Plate - Thrust	1
13	32151-46	Ring - Retaining	2	40	25-2390	Plate - Valve	1
14	25-2460	Plug	2	41	25-2430	Pin - Straight	1
15	237-86	O-Ring	2	42	67-8080	Bearing - Needle	1
16	25-2470	Kit - Shim Pack	2	43	25-2400	Gasket	1
17	25-2570	Spring - Relief Valve	1	44	62-4290	O-Ring	2
18	25-2560	Cone - Relief Valve	1	45	67-8090	Cap - Pump End	1
19	67-8030	Plug Assembly (Incl. Ref. #20)	1	46	323-11	Screw - Cap Hex. Hd.	4
20	67-8040	O-Ring	1	47	25-2490	Ball - Check Valve	2
21	25-2690	Housing - Charge Pump	1	48	25-2640	Spring - Check Valve	2
22	67-8050	Bearing - Needle	1	50	25-2650	Plug - Check Valve	2
23	67-8060	Seal - Lip	1	*	25-3180	Kit - Check Valve (Incl. Ref. #47-50)	1
24	322-4	Screw - Cap Hex. Hd.	4	*	49-8520	Kit - Implement Relief (Incl. Ref. #14-18)	1

*Not Illustrated

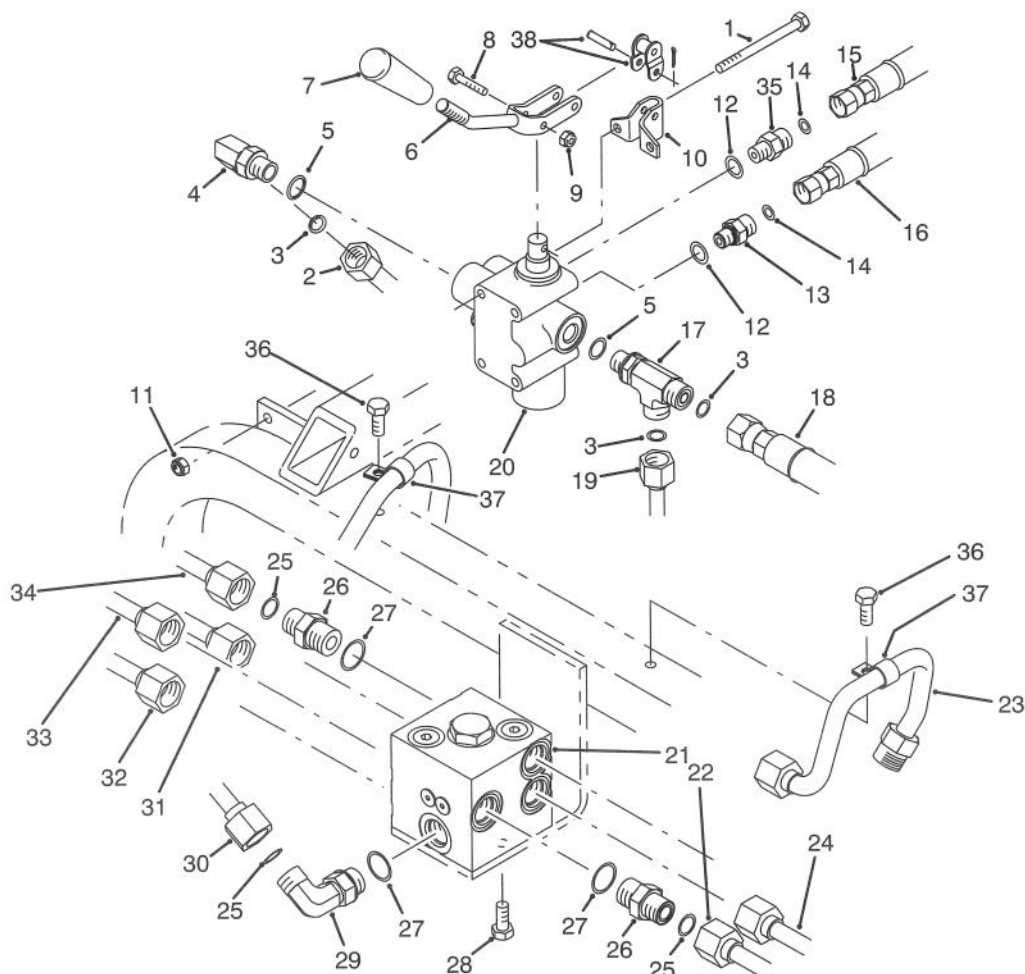


T-1473

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2410-73	Retainer - Teather	1
2	75-0540	Teather	1
3	86-4870	Reservoir Cap Assembly (Incl. Ref. #1 & 2)	1
4	85-9510	Screen - Filler	1
5	237-79	Seal - O-Ring	4
6	354-120	Fitting - Hydraulic 90° (Incl. Ref. #5)	1
7	2412-36	Clamp - Hose	1
8	237-146	Seal - O-Ring	3
9	23-8910	Fitting - Hydraulic 90° (Incl. Ref. #8)	2
10	2412-34	Clamp - Hose	3
11	85-7610	Hose - Hydraulic	1
12	3256-22	Washer - Flat	2
13	3253-3	Washer - Lock	2
14	321-3	Screw - Cap Hex. Hd.	6
15	61-3770	Hydraulic Filter Head Assy.	1
16	354-78	Fitting - Hydraulic Straight (Incl. Ref. #8)	1
17	85-7680	Hose - Hydraulic	1
18	23-9740	Element - Hydraulic Filter	1
19	240-11	Grommet	3
20	63-8410	Washer - Flat	3
21	323-6	Screw - Cap Hex. Hd.	3

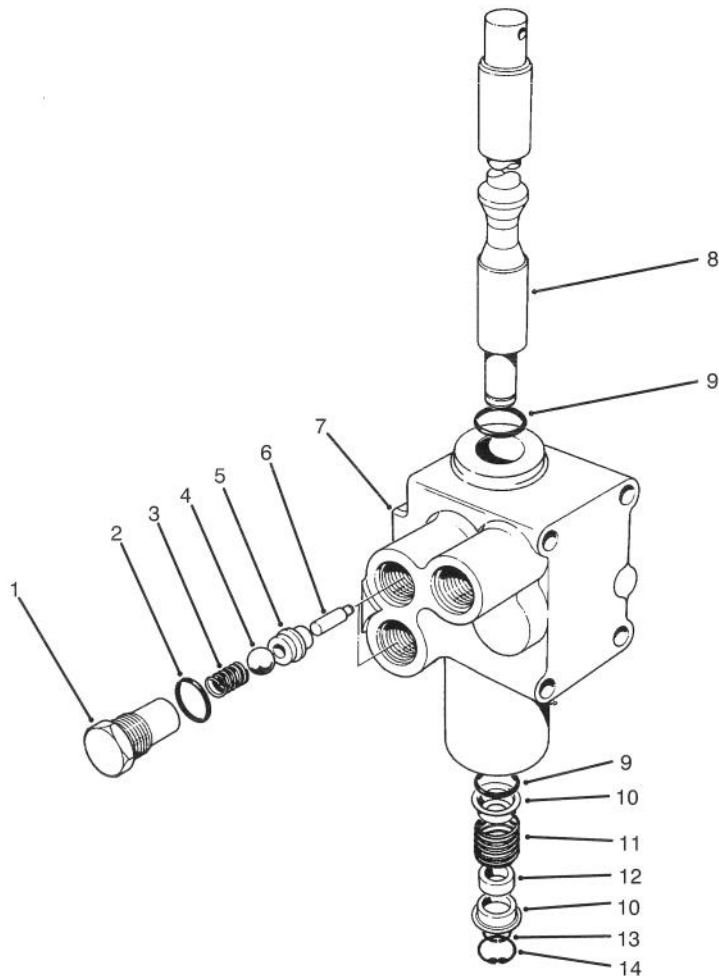
Ref. No.	Part No.	Description	No. Used
22	322-2	Screw - Cap Hex. Hd.	4
23	3296-29	Nut - Lock	4
24	85-8570	Shroud - Lower	1
25	14-7579	Cooler Mount Assembly (Incl. Ref. #38)	1
26	32144-11	Screw - Thread Forming	3
27	3274-86	Screw - Hex. Socket Hd.	2
28	85-9590	Hose - Hydraulic	1
29	237-22	Seal - O-Ring	2
30	85-9460	Cooler - Oil	1
31	88-8120	Screen Assembly L.H. (Incl. Ref. #32)	1
32	32148-6	Nut - Clinch	4
33	88-8110	Screen Assembly R.H. (Incl. Ref. #32)	1
34	85-9670	Nut - T	2
35	85-9550	Clamp - Rubber	2
36	340-18	Fitting - Hydraulic 90° (Incl. Ref. #5 & 29)	2
37	85-0390	Tube - Hydraulic	1
38	77-3100	Decal - Danger	2
39	353-550	Plug - Hydraulic (Incl. Ref. #5)	1
40	85-9110	Reservoir - Hydraulic	1
41	32105-13	Screw - Hex. Flange Hd.	1



T-1477

HYDRAULIC MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	321-23	Screw - Cap Hex. Hd.	3	20	43-1950	Lift Valve Assembly	1
2	85-0390	Tube - Hydraulic	1	21	85-9470	Hydraulic Manifold Assembly	1
3	237-22	Seal-O-Ring	3	22	85-7760	Tube - Hydraulic	1
4	340-77	Fitting - Hydraulic 90° (Incl. Ref. # 3 & 5)	1	23	85-9420	Tube - Hydraulic	1
5	237-42	Seal-O-Ring	2	24	85-9390	Tube - Hydraulic	1
6	85-8900	Lever - Lift Valve	1	25	237-79	Seal-O-Ring	8
7	233-39	Handle	1	26	340-4	Fitting - Hydraulic Straight (Incl. Ref. #25 & 27)	7
8	3290-360	Screw - Cap Hex. Hd.	2	27	237-30	Seal-O-Ring	8
9	3296-2	Nut - Lock	2	28	322-3	Screw - Cap Hex. Hd.	2
10	88-8480	Bracket - Pivot	1	29	340-98	Fitting - Hydraulic 90° (Incl. Ref. #25 & 27)	1
11	3296-8	Nut - Lock	3	30	85-9360	Tube - Hydraulic	1
12	237-78	Seal-O-Ring	2	31	85-9410	Tube - Hydraulic	1
13	340-92	Fitting - Hydraulic Straight (Incl. Ref. #12 & 14)	1	32	85-9400	Tube - Hydraulic	1
14	237-21	Seal-O-Ring	2	33	85-9430	Tube - Hydraulic	1
15	85-9570	Hose - Hydraulic	1	34	85-9370	Tube - Hydraulic	1
16	85-9580	Hose - Hydraulic	1	35	85-9720	Fitting - Hydraulic Orificed (Incl. Ref. #12 & 14)	1
17	340-86	Fitting - Hydraulic Tee (Incl. Ref. #3 & 5)	1	36	32144-11	Screw - Thread Forming	2
18	85-9600	Hose - Hydraulic	1	37	2412-138	Clamp - R	2
19	85-0380	Tube - Hydraulic	1	38	2710-20	Link - Offset	1

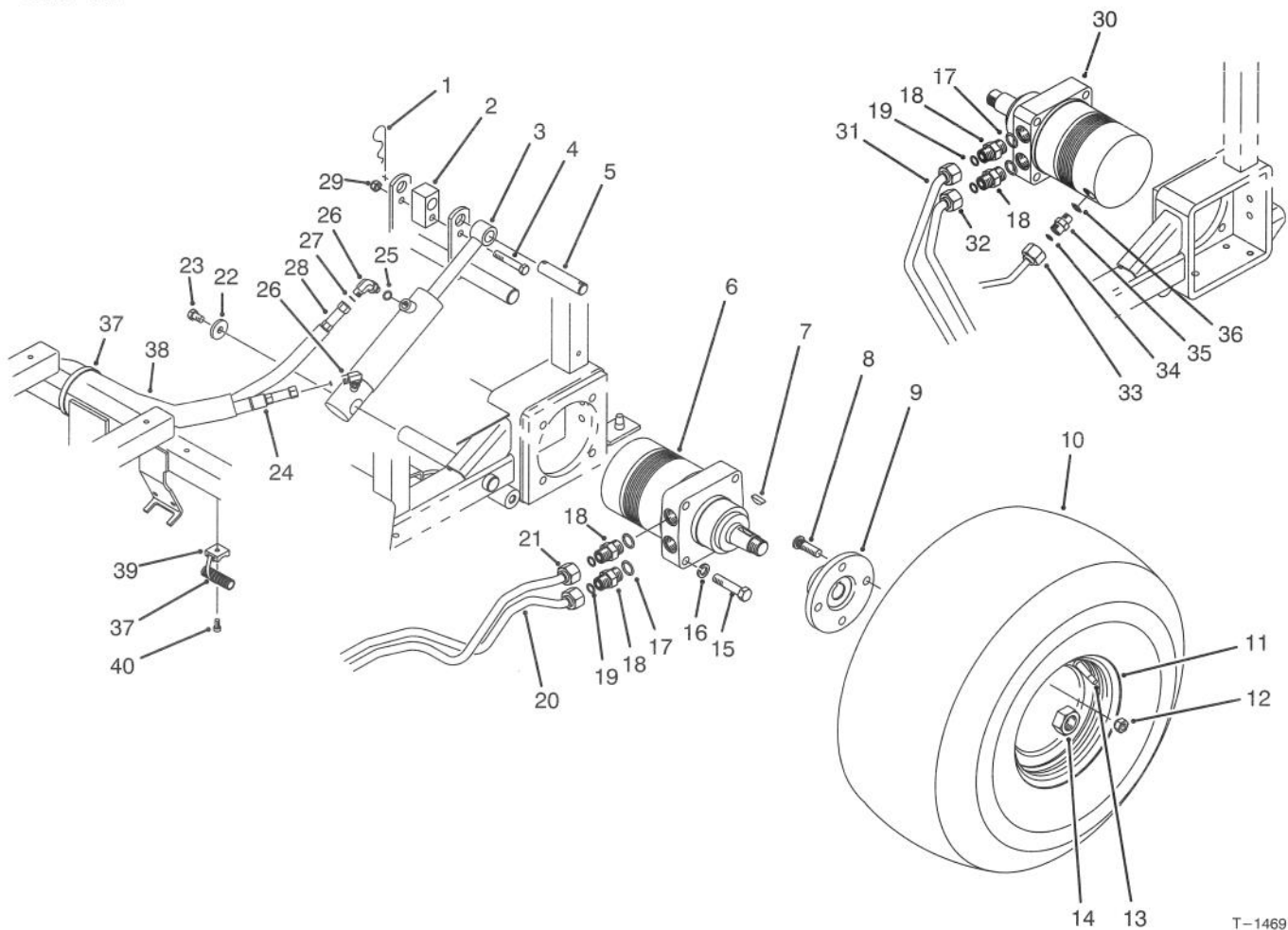


T-0236

CONTROL VALVE ASSEMBLY NO. 43-1950

Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2
2	237-42	O-Ring	2
3	22-8340	Spring	2
4	22-8350	Ball	2
5	22-8370	Seat-Check Valve	2
6	22-8360	Pin - Cam	2
7	43-1730	Body	1

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



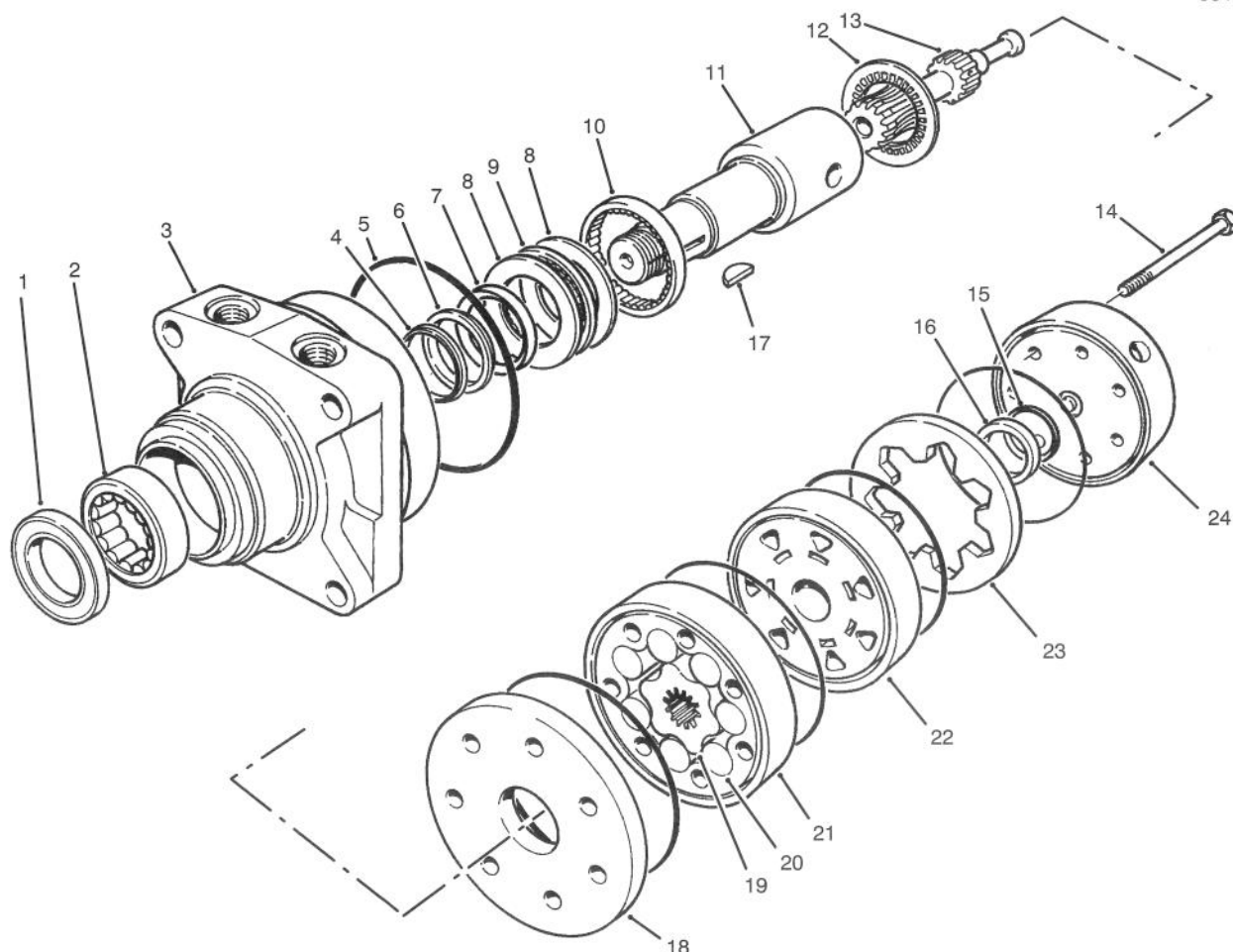
T-1469

REAR WHEEL & LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-256	Pin - Hair	2
2	85-9160	Spacer	1
3	83-7000	Cylinder Assembly	1
4	323-11	Screw - Cap Hex. Hd.	1
5	85-9170	Pin - Cylinder	1
6	75-9831	Hydraulic Motor Assy. L.H.	1
7	3257-42	Key - Woodruff	2
8	10-6830	Stud - Drive	8
9	17-4710	Hub - Wheel	2
10	85-8290	Tire	2
11	46-4810	Rim	2
12	242-50	Nut - Lock	8
13	232-35	Valve - Stem	2
14	26-3790	Nut - Lock	2
15	325-9	Screw - Cap Hex. Hd.	8
16	3253-7	Washer - Lock	8
17	237-80	Seal - O-Ring	4
18	340-6	Fitting - Hydraulic Straight (Incl. Ref. #17-19)	4
19	237-30	Seal - O-Ring	4
20	85-9390	Tube - Hydraulic	1
21	85-7760	Tube - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
22	53-6380	Washer	1
23	232-34	Screw - Cap Hex. Hd.	1
24	85-9580	Hose - Hydraulic	1
25	237-78	Seal - O-Ring	2
26	340-132	Fitting - Hydraulic 90° (Incl. Ref. #25-27)	2
27	237-21	Seal - O-Ring	2
28	85-9570	Hose - Hydraulic	1
29	3296-39	Nut - Lock	1
30	75-9840	Hydraulic Motor Assy. R.H.	1
31	85-9400	Tube - Hydraulic	1
32	85-9410	Tube - Hydraulic	1
33	85-0380	Tube - Hydraulic	1
34	237-22	Seal - O-Ring	1
35	340-2	Fitting - Hydraulic Straight (Incl. Ref. #34 & 36)	1
36	237-42	Seal - O-Ring	1
37	3290-378	Tie - Cable	5
38	56-7981	Sleeve - Protective	1
39	3290-509	Mount - Tie	3
40	3274-31	Screw - Hex. Socket Hd.	3

*Not Illustrated



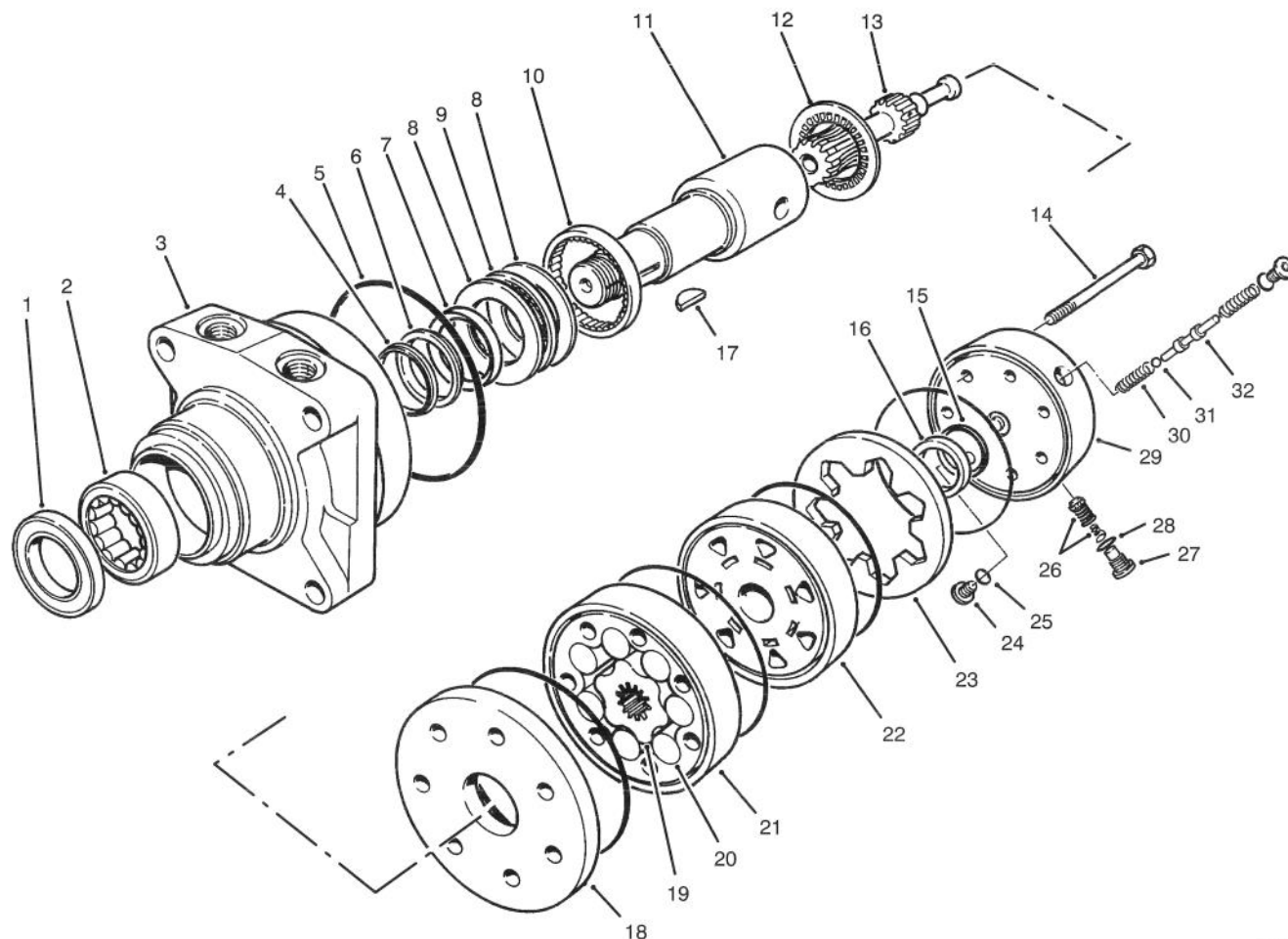
T-0983

LEFT REAR HYDRAULIC MOTOR ASSEMBLY NO. 75-9831

Ref. No.	Part No.	Description	No. Used
1		Seal - Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer - Backup	1
5		Seal - Rings	5
6		Washer - Backup	1
7		Seal - Inner	1
8		Washer - Thrust	2
9		Bearing - Thrust	1
10		Bearing	1
11	76-0860	Shaft - Coupling	1
12	76-0850	Bearing - Thrust	1
13	76-0820	Link - Drive	7
14	76-1020	Screw - Cap, Hex. Hd.	1
15		Seal - Commutator	1
16		Commutator	1

Ref. No.	Part No.	Description	No. Used
17	3257-42	Key - Woodruff	1
18	76-0870	Plate - Wear	1
19		Rotor	1
20		Vane	7
21		Stator	1
22	76-0840	Manifold	1
23		Ring - Commutator	1
24	76-0940	Assembly - Cover, End	1
*	76-0830	Rotor Set (Incl. Ref. #19-21)	1
*	76-0880	Assembly - Commutator (Incl. Ref. #15, 16 & 23)	1
*	76-0800	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated



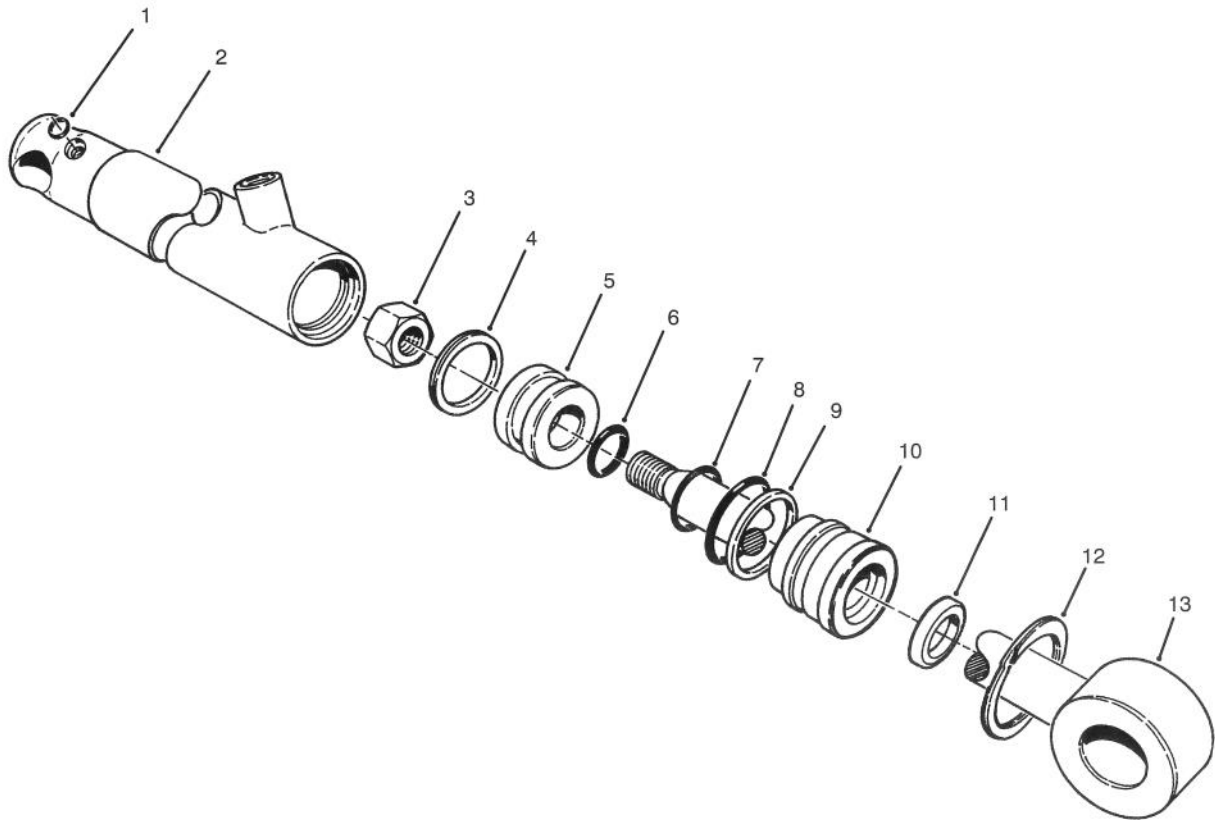
T-0982

RIGHT REAR HYDRAULIC MOTOR ASSEMBLY NO. 75-9840

Ref. No.	Part No.	Description	No. Used
1		Seal - Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer - Backup	1
5		Seal - Rings	5
6		Washer - Backup	1
7		Seal - Inner	1
8		Washer - Thrust	2
9		Bearing - Thrust	1
10		Bearing	1
11	76-0860	Shaft - Coupling	1
12	76-0850	Bearing - Thrust	1
13	76-0820	Link - Drive	1
14	76-1040	Screw - Cap, Hex. Hd.	7
15		Seal - Commutator	1
16		Commutator	1
17	3257-42	Key - Woodruff	1
18	76-0870	Plate - Wear	1
19		Rotor	1
20		Vane	7
21		Stator	1

Ref. No.	Part No.	Description	No. Used
22	76-0840	Manifold	1
23		Ring - Commutator	1
24		Plug	2
25		O-Ring	2
26		Valve - Relief	1
27		Plug	1
28		O-Ring	1
29	76-0890	Assembly	
		(Incl. Ref. #24-25 & 30-32)	1
30		Spring	2
31		Ball	1
32		Valve - Shuttle	1
*	76-0830	Rotor Set	
		(Incl. Ref. #19-21)	1
*	76-0880	Assembly - Commutator	
		(Incl. Ref. #15, 16 & 23)	1
*	76-0800	Kit - Seal	
		(Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Assembly - Housing	
		(Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated

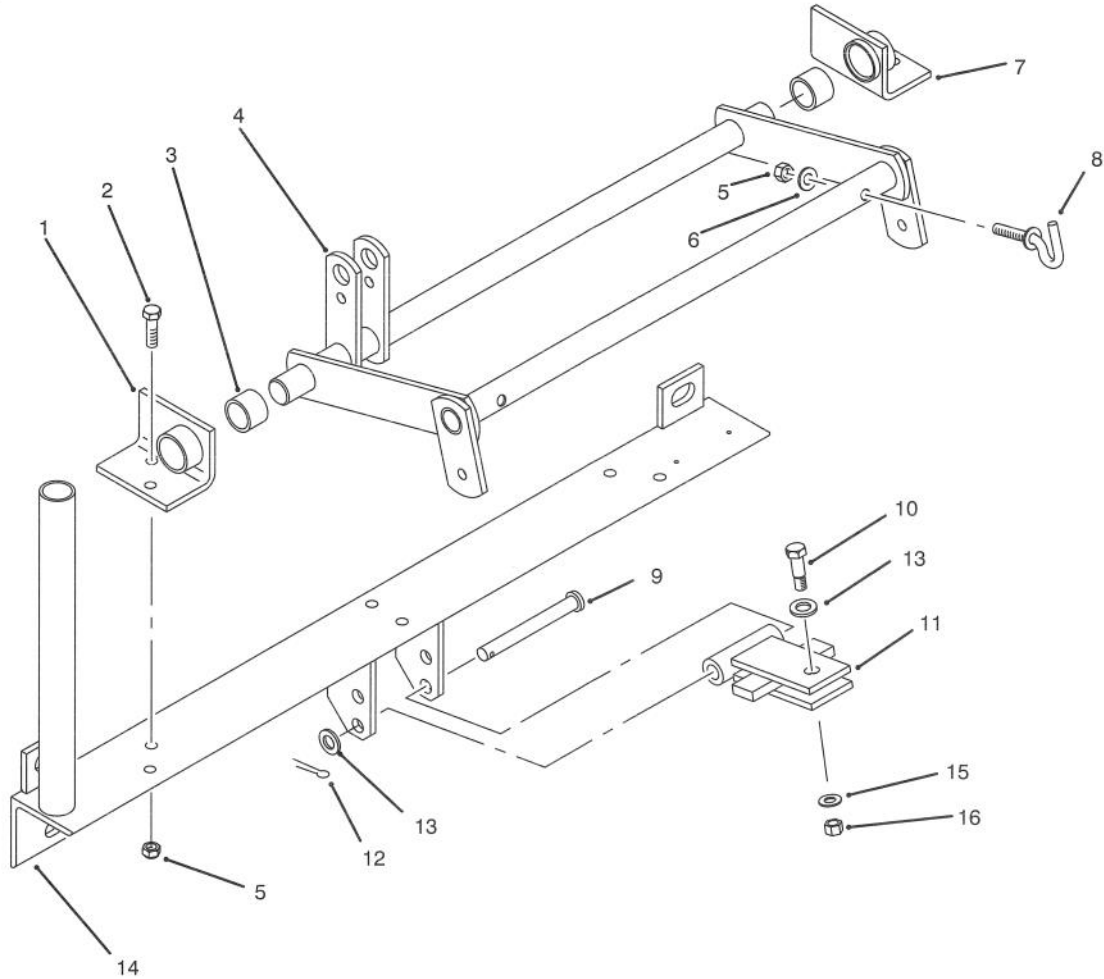


T-0217

HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 83-7000

Ref. No.	Part No.	Description	No. Used
1	237-78	O-Ring	2
2	43-5260	Barrel w/Clevis & Ports	1
3	32152-10	Nut	1
4		Uniring - Grooved	1
5	70-2780	Piston	1
6		O-Ring	1
7		Poly-Pack	1
8		O-Ring	1

Ref. No.	Part No.	Description	No. Used
9		Back-Up Head	1
10	70-2770	Head	1
11		Seal - Dust	1
12	43-5220	Ring - Retaining	1
13	43-5230	Shaft with Clevis	1
14	83-7250	Seal Repair Kit (Incl. Ref. #4, 6-9 & 11)	1

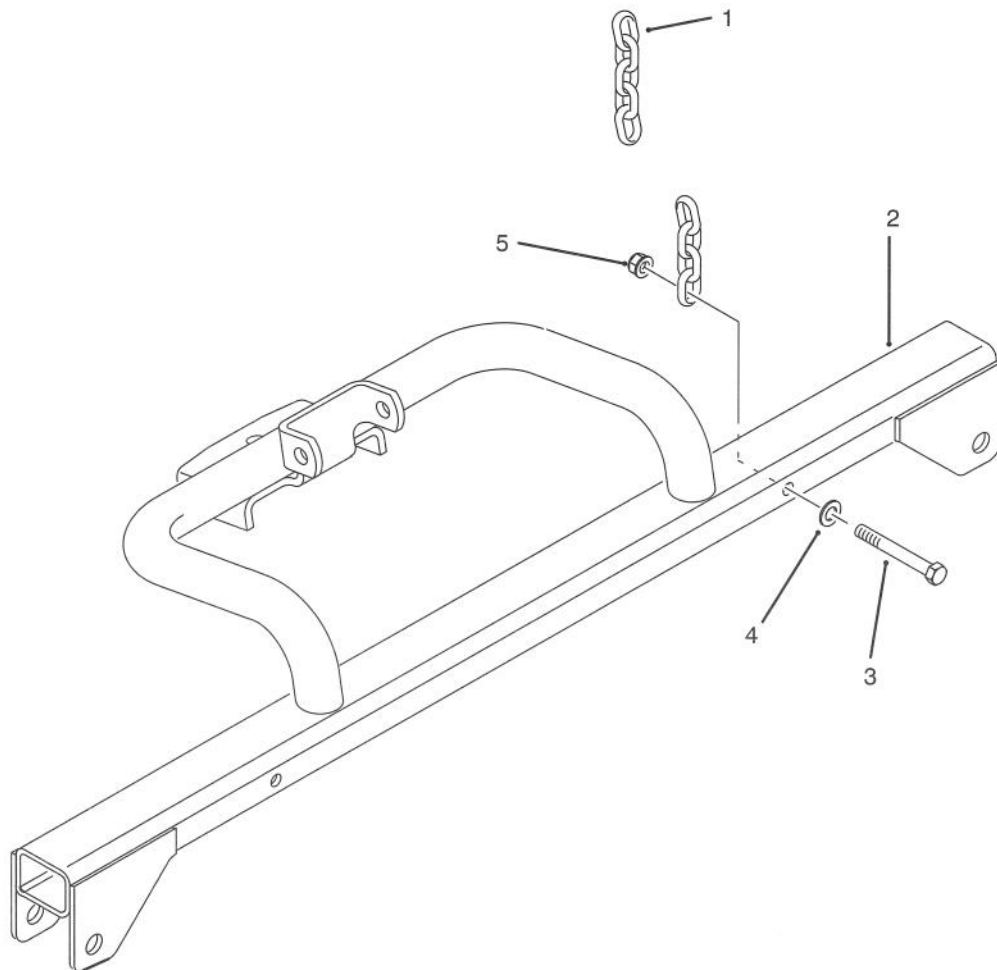


T-1346

RAKE MOUNTING KIT MODEL NO. 08814 (Optional)

Ref. No.	Part No.	Description	No. Used
1	80-1680	Bracket - Pivot, W.A. LH	1
2	323-7	Screw - Cap Hex. Hd.	4
3	256-234	Bushing	2
4	84-2420	Arm - Lift, W.A.	1
5	3296-39	Nut - Lock	6
6	3256-3	Washer - Flat	2
7	80-1690	Bracket - Pivot, W.A. RH	1
8	80-2040	Hook	2

Ref. No.	Part No.	Description	No. Used
9	283-83	Pin - Clevis	1
10	80-2050	Bolt - Shoulder	1
11	84-2230	Pivot - W.A.	1
12	3272-12	Pin - Cotter	1
13	3256-26	Washer - Flat	2
14	84-2620	Angle - W.A.	1
15	3256-25	Washer - Flat	1
16	3296-48	Nut - Lock	1

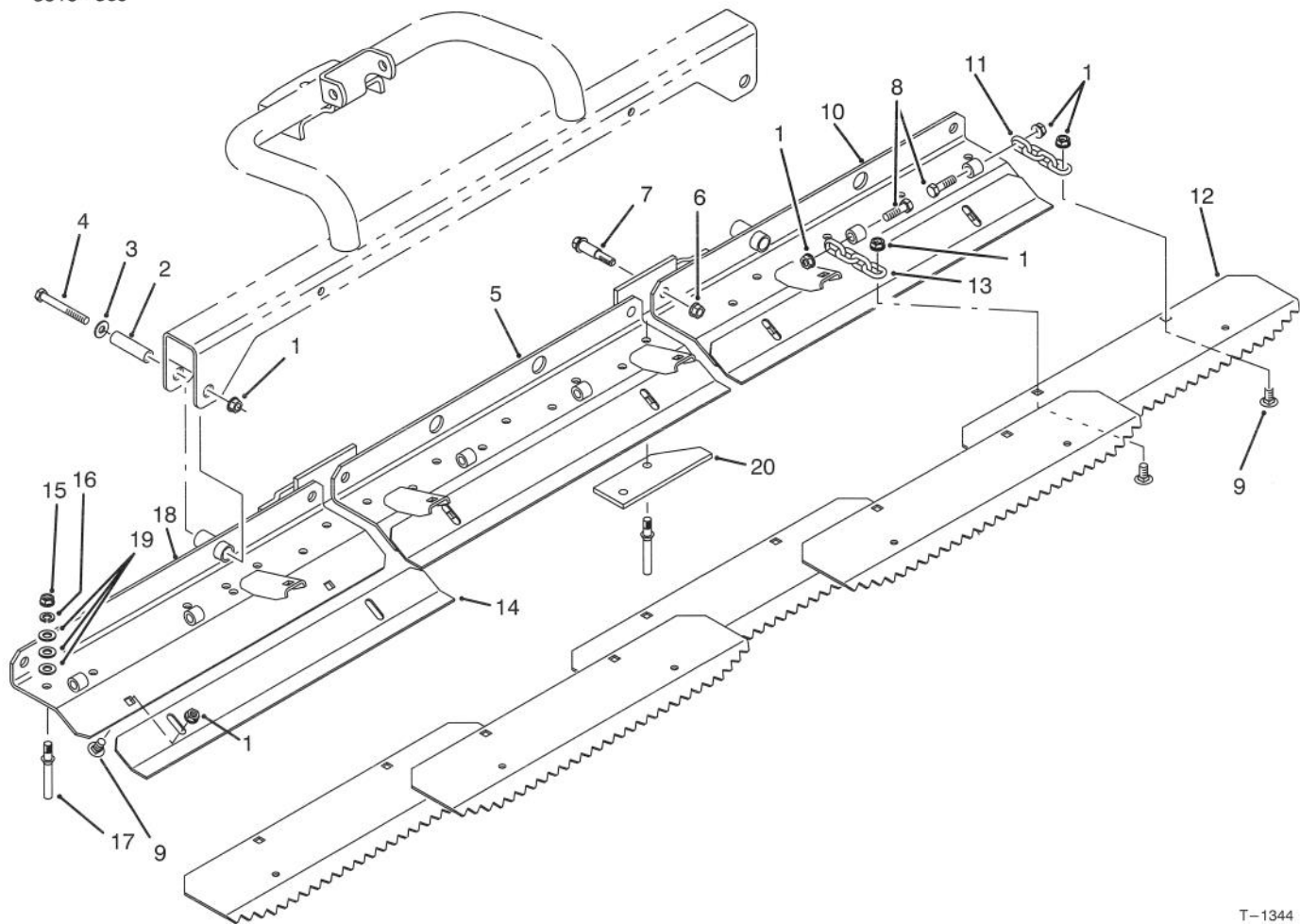


T-1343

TOOTH RAKE KIT MODEL NO. 08812 (Optional)

Ref. No.	Part No.	Description	No. Used
1	84-2452	Chain - 14 Links	2
2	84-2680	Hanger W.A.	1
3	323-14	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
4	3256-3	Washer - Flat	2
5	32128-21	Nut - Flange Head	2

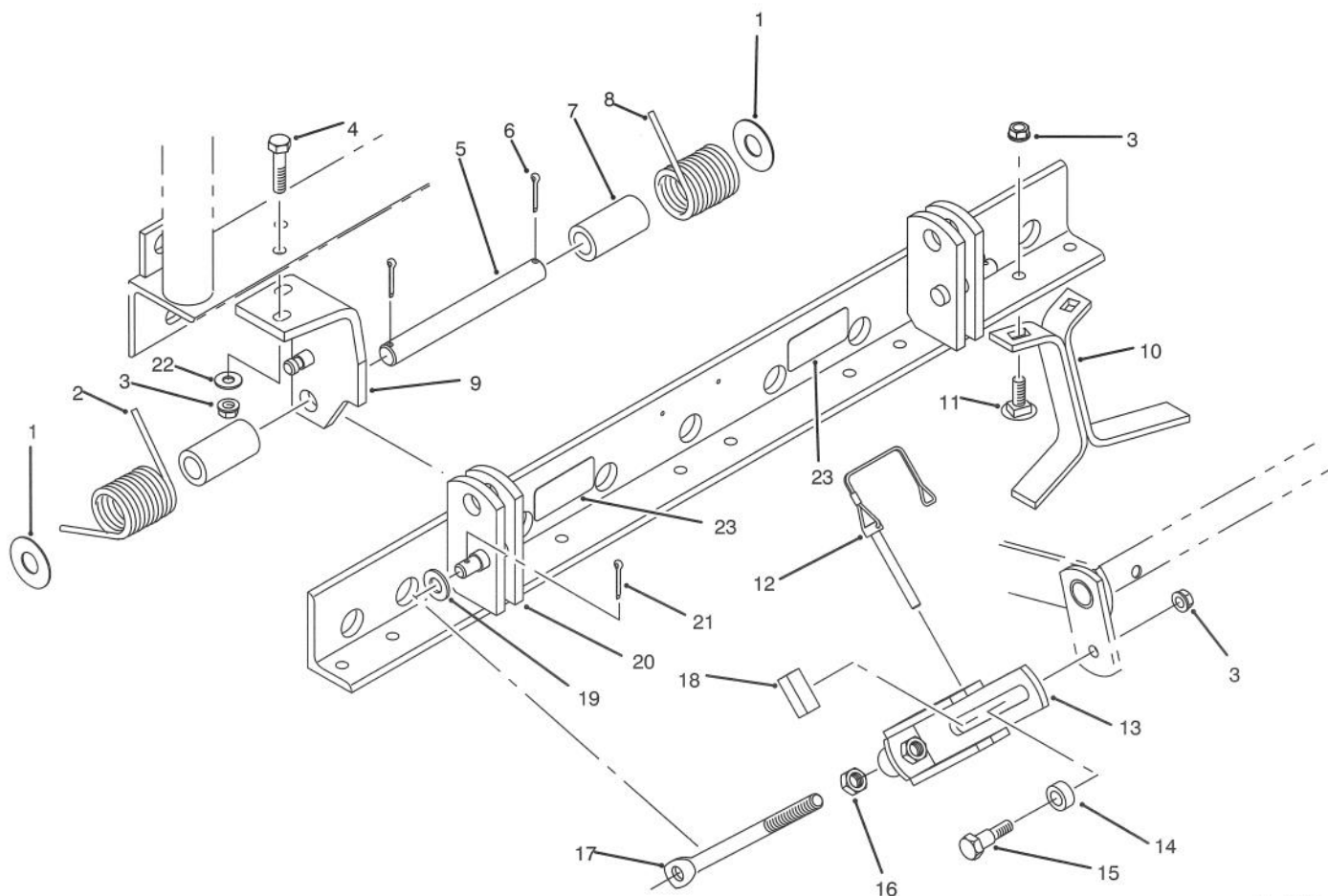


T-1344

TOOTH RAKE KIT MODEL NO. 08812 (Optional) (Cont.)

Ref. No.	Part No.	Description	No. Used
1	32128-21	Nut - Flange Head	30
2	84-2350	Spacer - Long	2
3	3256-3	Washer - Flat	2
4	323-14	Screw - Cap Hex. Hd.	2
5	84-2390	Plate - Center, Trowel W.A.	1
6	32128-12	Nut - Flange Lock	2
7	66-0561	Bolt - Shoulder	2
8	323-7	Screw - Cap Hex. Hd.	6
9	3231-21	Bolt - Carriage	20
10	84-2400	Plate - R.H., Trowel W.A.	1
11	84-2450	Chain - 4 Links	6
12	84-2280	Rake - Finishing	5
13	84-2451	Chain - 5 Links	4

Ref. No.	Part No.	Description	No. Used
14	84-2550	Trowel - Smooth	3
15	3217-7	Nut	27
16	3253-21	Washer - Lock	27
17	88-8450	Rake - Prong	27
18	84-2360	Plate - L.H., Trowel W.A.	1
19	3256-24	Washer - Flat	69
20	88-8440	Plate - Tipper	2
*	18-7570	Weight - Rake (Optional)	A/R
*	322-5	Screw - Cap Hex. Hd. (2 per Rake Weight) (Opt.)	A/R
*	3296-29	Nut - Lock (2 per Rake Weight) (Opt.)	A/R



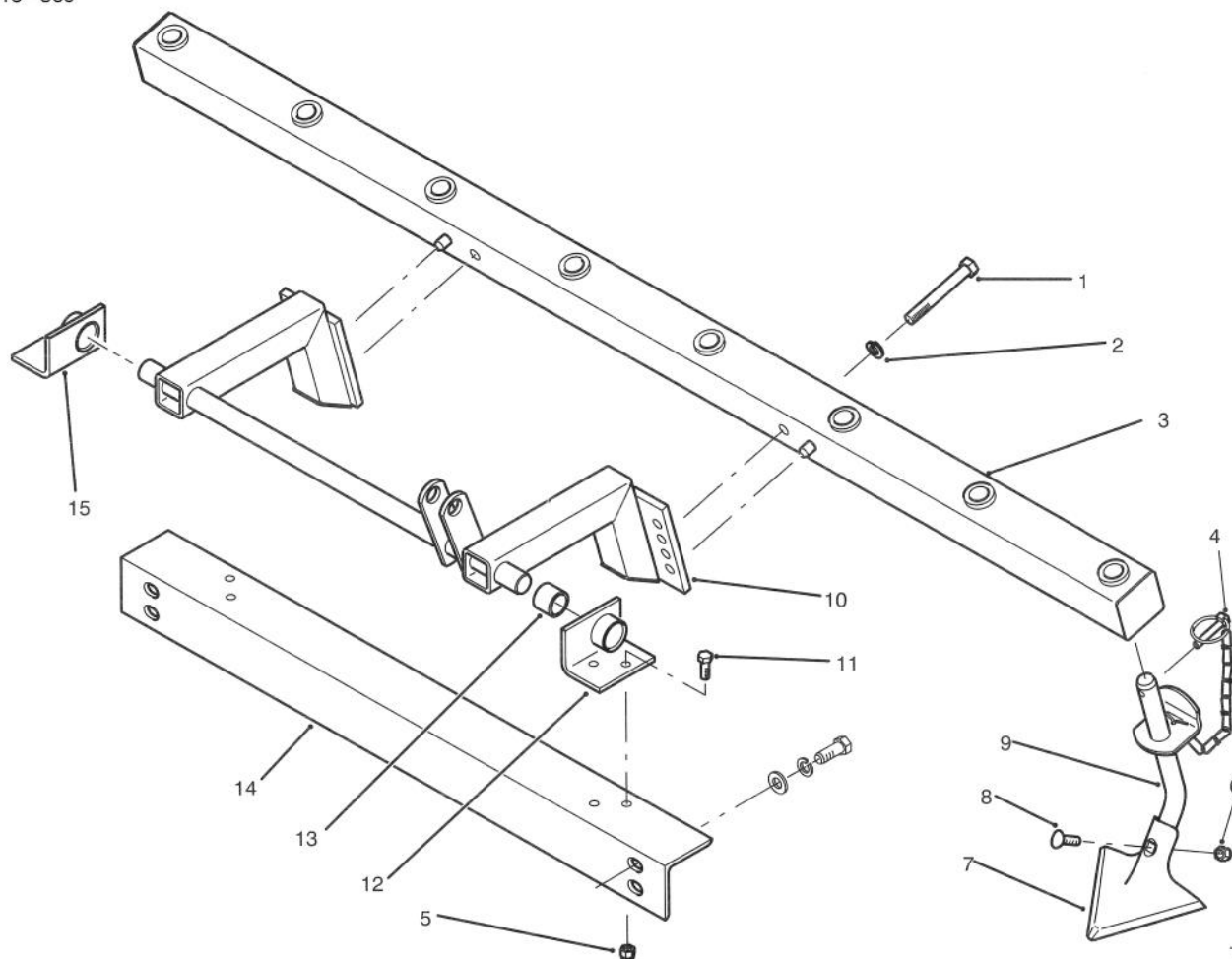
T-1420

WEEDER KIT MODEL NO. 08815 (Optional)

Ref. No.	Part No.	Description	No. Used
1	67-0860	Washer - Flat	4
2	85-0140	Spring - Torsion, L.H.	2
3	3296-39	Nut - Lock	16
4	323-9	Screw - Cap Hex. Hd.	4
5	85-0120	Pin	2
6	3272-18	Pin - Cotter	4
7	85-0130	Spacer - Spring	4
8	85-0150	Spring - Torsion, R.H.	2
9	85-0100	Bracket W.A. - L.H.	1
*	85-0070	Bracket W.A. - R.H.	1
10	85-0160	Sweep W.A.	5
11	3231-2	Bolt - Carriage	10

Ref. No.	Part No.	Description	No. Used
12	85-0270	Pin - Lock	2
13	85-0190	Lift Arm W.A.	2
14	85-0250	Spacer	2
15	85-0240	Bolt - Shoulder	2
16	3217-9	Nut - Hex.	2
17	85-0230	Rod - Adjustment	2
18	85-0260	Block	2
19	3256-26	Washer	2
20	85-0020	Angle W.A.	1
21	3272-12	Pin - Cotter	2
22	3256-3	Washer - Flat	4
23	55-4300	Decal - Warning	2

*Not Illustrated

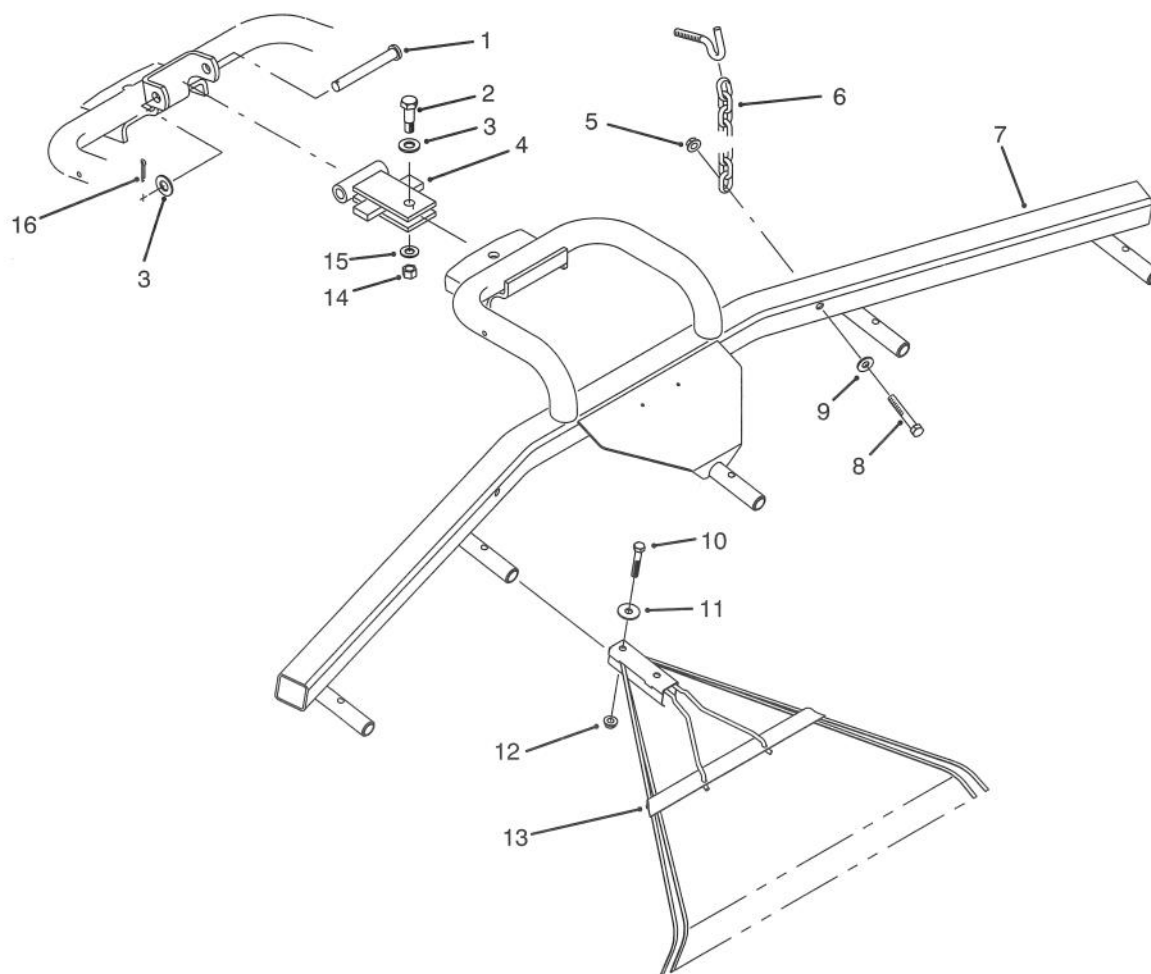


T-1231A

CULTIVATOR KIT MODEL NO. 08818 (Optional)

Ref. No.	Part No.	Description	No. Used
1	325-15	Screw - Cap Hex. Hd.	2
2	3253-7	Washer - Lock	2
3	80-1340	Beam W.A.	1
4	283-80	Assembly - Lynch Pin	8
5	3296-39	Nut - Lock	4
6	32152-2	Nut - Lock	8
7	80-1640	Sweep	8
8	323-51	Bolt - Plow	8
9	80-1350	Bar W.A.	8
10	80-1330	Frame W.A.	1

Ref. No.	Part No.	Description	No. Used
11	323-6	Screw - Cap Hex. Hd.	4
12	80-1680	Bracket - Pivot, L.H. (Incl. Ref. #13)	1
13	256-234	Bushing	2
14	80-1710	Angle - Support	1
15	80-1690	Bracket - Pivot, R.H. (Incl. Ref. #13)	1
16	80-1700	Assembly - Sweep (Incl. Ref. #4, 6-9)	8

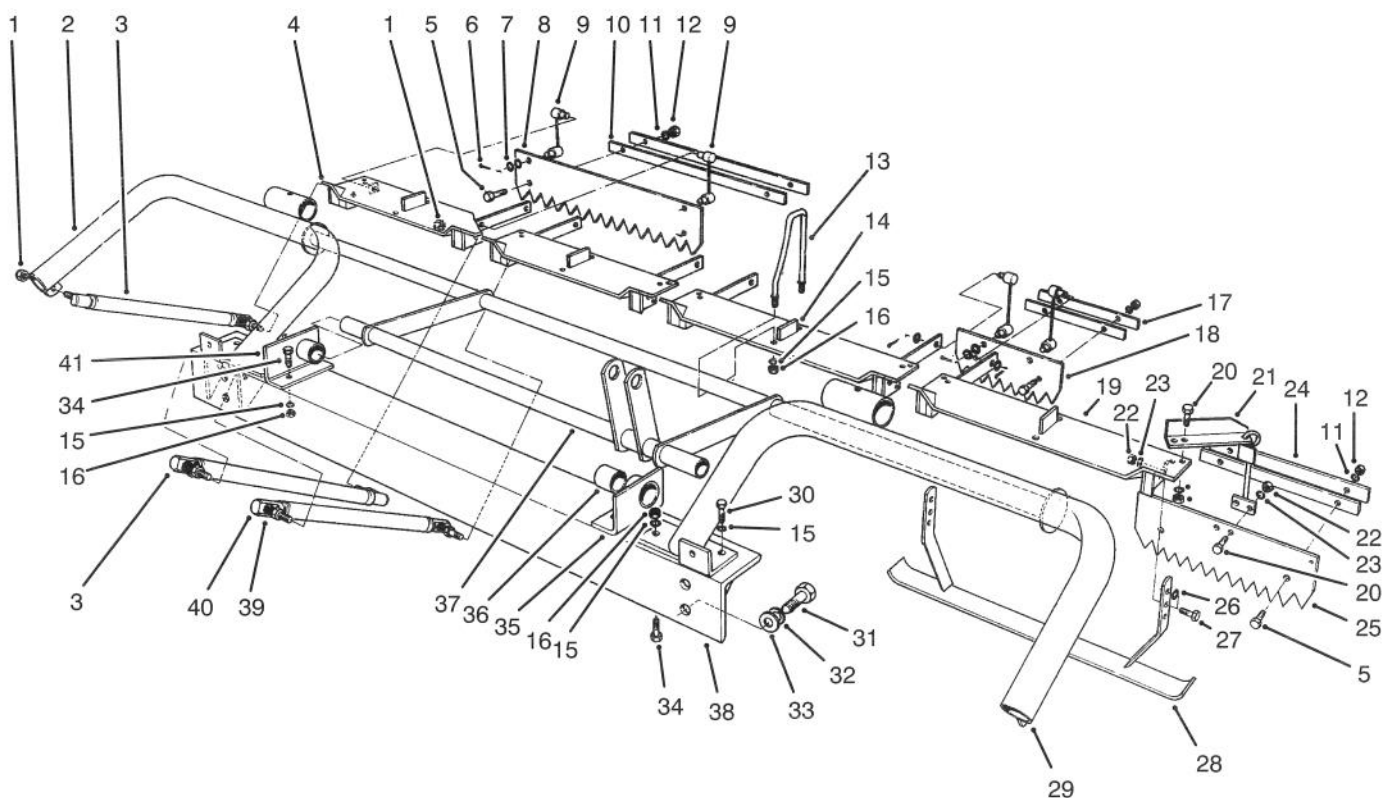


T-1413

SPRING RAKE KIT MODEL NO. 08813 (Optional)

Ref. No.	Part No.	Description	No. Used
1	283-83	Pin - Clevis	1
2	80-2050	Bolt - Shoulder	1
3	3256-26	Washer - Flat	2
4	84-2230	Pivot	1
5	32128-21	Nut - Flange Head	2
6	84-2453	Chain (16 Links)	2
7	85-0310	Hanger W.A.	1
8	323-12	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
9	3256-3	Washer - Flat	2
10	322-21	Screw - Cap Hex. Hd.	5
11	3256-35	Washer - Flat	5
12	3296-29	Nut - Lock	5
13	85-0360	Rake - Spring	5
14	3296-48	Nut - Lock	1
15	3256-25	Washer - Flat	1
16	3272-12	Pin - Cotter	1

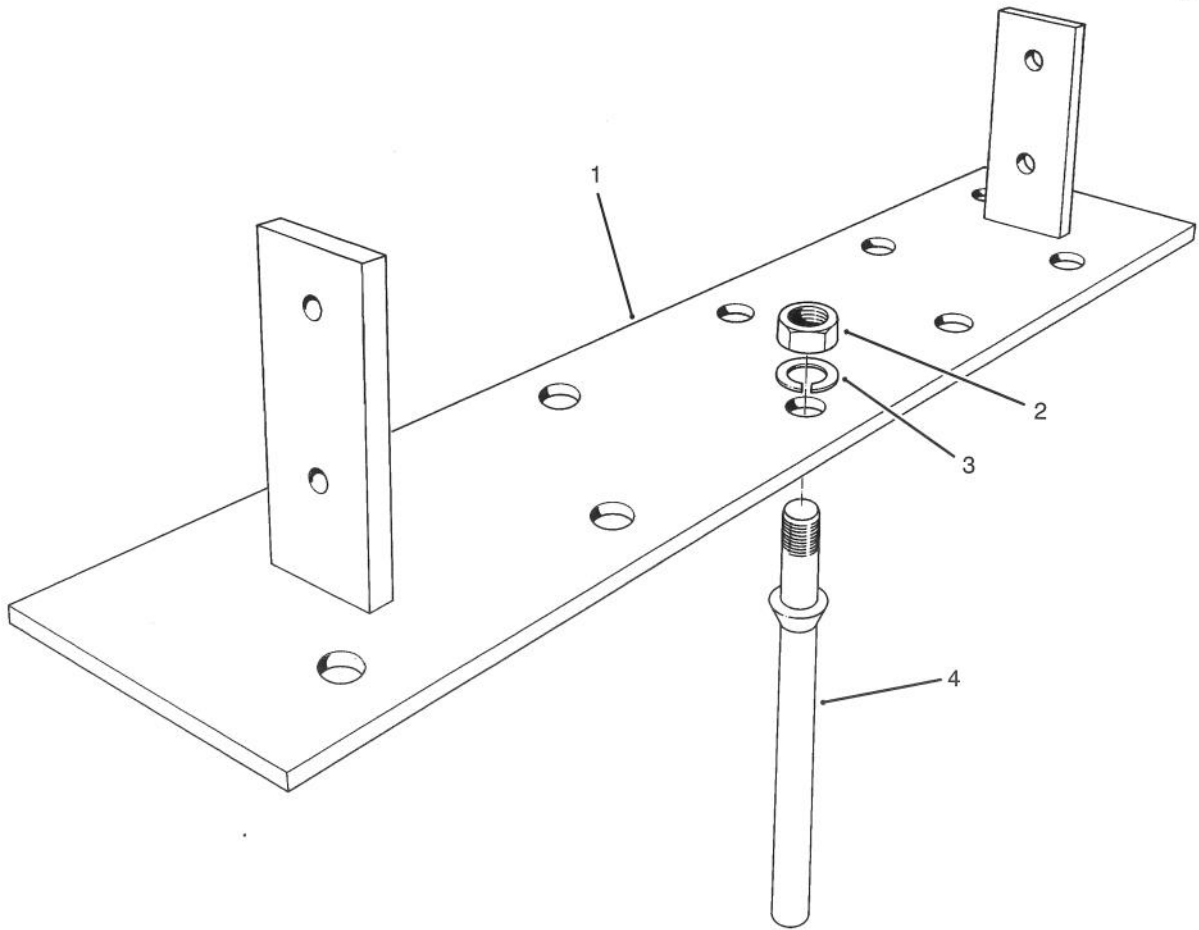


T-0253

RAKE ASSEMBLY MODEL NO. 08811 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3296-5	Nut - Lock	16
2	18-7260	Hoop - Wheel, R.H.	1
3	18-7550	Assembly - Ball Joint (Incl. Ref. #39)	4
4	18-7450	Rake - Upper	1
5	322-5	Screw - Cap, Hex. Hd.	18
6	3272-10	Pin - Cotter	28
7	3256-23	Washer - Flat	42
8	77-5100	Plate - Drag, Main	4
9	20-4670	Assembly - Cable, Drag	14
10	18-7570	Weight - Drag	8
11	3253-4	Washer - Lock	18
12	3217-6	Nut - Hex	18
13	18-7520	Hoop - Lift	4
14	18-7380	Rake - Upper, (Center)	2
15	3253-21	Washer - Lock	14
16	3217-7	Nut - Hex.	12
17	18-7590	Weight - Drag (Secondary)	6
18	77-5090	Plate - Drag (Secondary)	3
19	18-7420	Rake - Upper, L.H.	1
20	321-4	Screw - Cap, Hex. Hd.	8
21	18-7660	Bracket - Swivel	2
22	3217-5	Nut - Hex.	24

Ref. No.	Part No.	Description	No. Used
23	3253-3	Washer - Lock	24
24	18-7650	Weight	4
25	77-5080	Swivel - Drag	2
26	3256-22	Washer - Flat	8
27	321-31	Screw - Cap, Hex. Hd.	16
28	18-7460	Rake - Bar	4
29	18-7360	Hoop - Wheel, L.H.	1
30	323-3	Screw - Cap, Hex. Hd.	2
31	325-5	Screw - Cap, Hex. Hd.	4
32	3253-7	Washer - Lock	4
33	3256-26	Washer - Flat	4
34	323-6	Screw - Cap, Hex. Hd.	4
35	18-7220	Bracket - Pivot, L.H. (Incl. Ref. #36)	1
36	256-234	Bushing	2
37	18-7170	Bar - Lift	1
38	18-7280	Mount - Rake	1
39	2411-31	Boot - Rubber	16
40	18-7530	Assembly - Ball Joint (Ctr.) (Incl. Ref. #39)	4
41	18-7250	Bracket - Pivot, R.H. (Incl. Ref. #36)	1



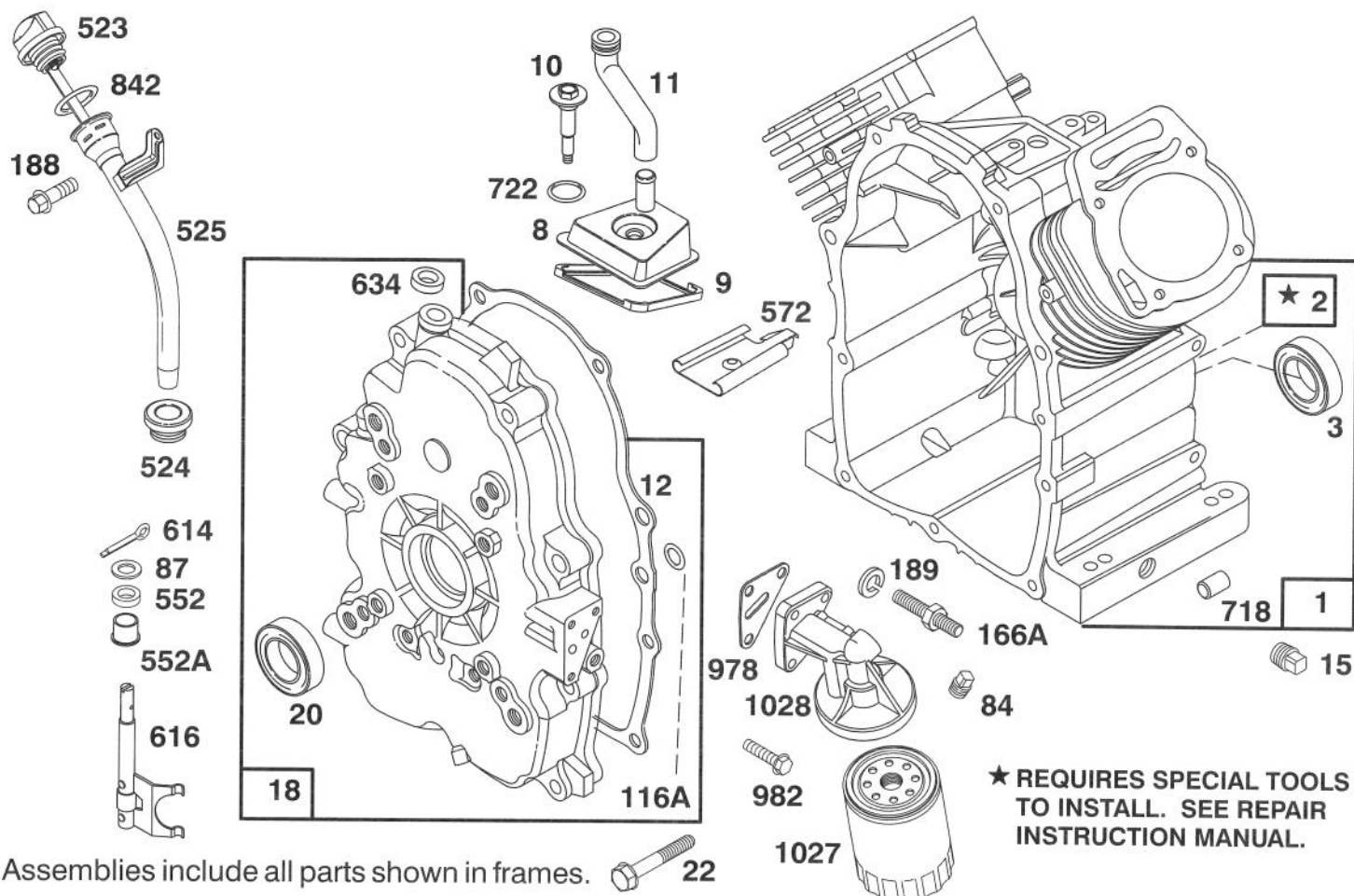
T-0254

PRONG RAKE KIT NO. 42-3960 (Optional)

Ref. No.	Part No.	Description	No. Used
1	42-1910	Plate	4
2	3217-7	Nut - Hex.	40

Ref. No.	Part No.	Description	No. Used
3	3253-29	Washer - Lock	40
4	42-1940	Prong - Rake	40

Note: Used with Rake Attachment Model No. 08811



Assemblies include all parts shown in frames. 22

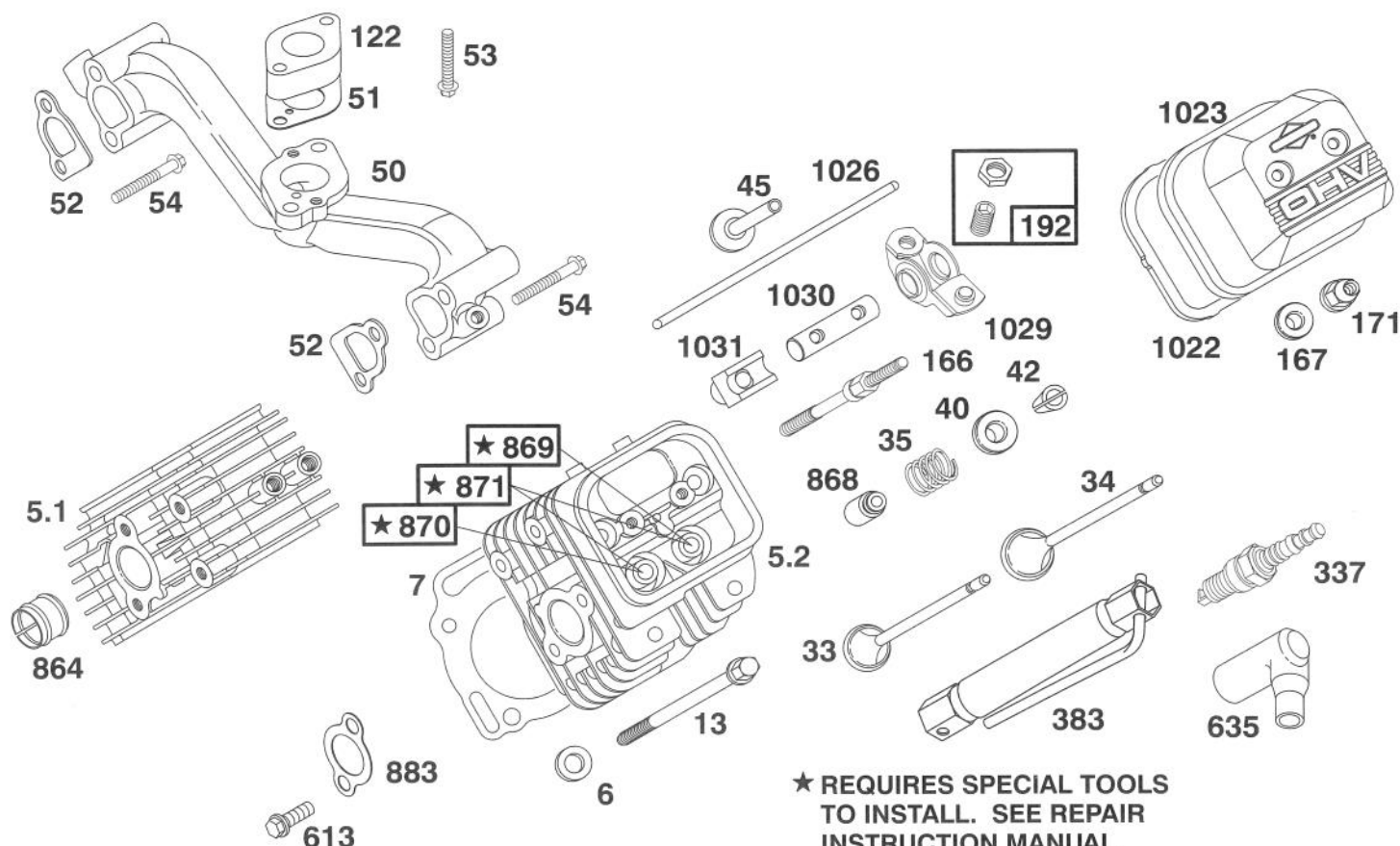
★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

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	805017	Screw – Crankcase Cover	
84	805059	Plug – Pipe	
87	805054	Seal – Governor Shaft	
*116A	805198	O-Ring (Crankcase Cover)	
166A	805073	Stud – Oil Filter Adapter	
188	805247	Screw – Hex. Head	
189	805449	Lockwasher	

Ref. No.	Part No.	Description	No. Used
523	807585	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	492932	Filter – Oil	
1028	805292	Adapter – Oil Filter	
1029	807557	Arm – Rocker	

*Included in Gasket Set – Part No. 807989.



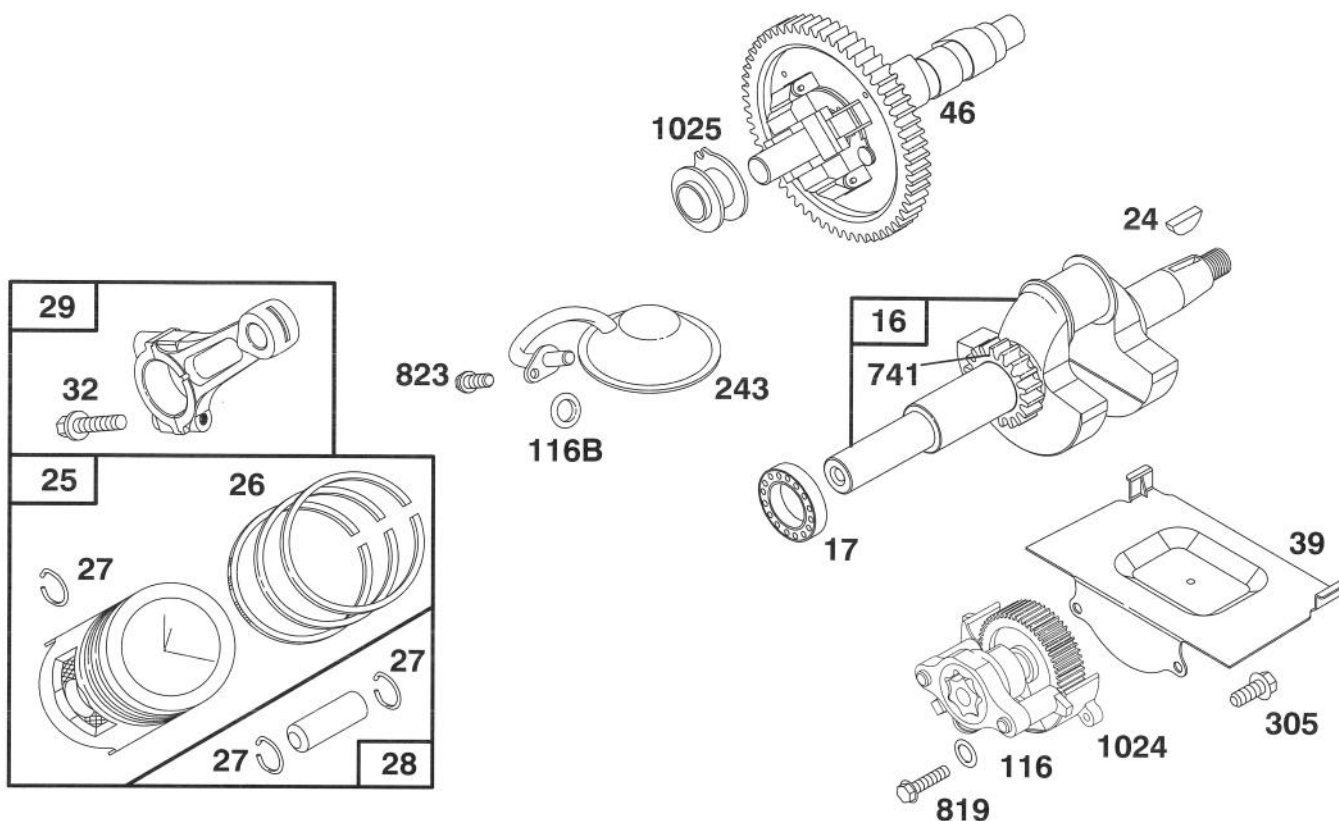
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

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	
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	805409	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	
192	807623	Screw – Valve Adjustment (Incl. Jam Nut)	
337	491055	Plug – Spark	
383	19374	Wrench – Spark Plug	
613	805158	Screw	
635	805529	Elbow – Spark Plug	
864	805083	Liner – Exhaust Port	
868	805094	Seal – Valve Guide	
869	805085	Seat – Intake Valve	
870	805086	Seat – Exhaust Valve	
871	805084	Guide – Valve	
†*883	805024	Gasket – Exhaust Manifold	
†1022	805028	Gasket – Valve Cover	
1023	805100	Cover – Valve	
		Note: 807665 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.



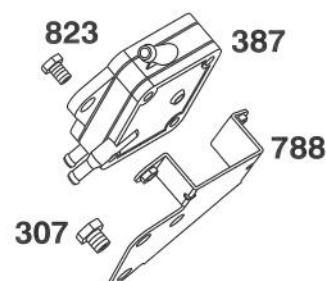
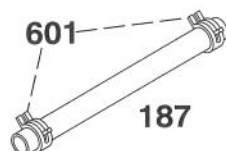
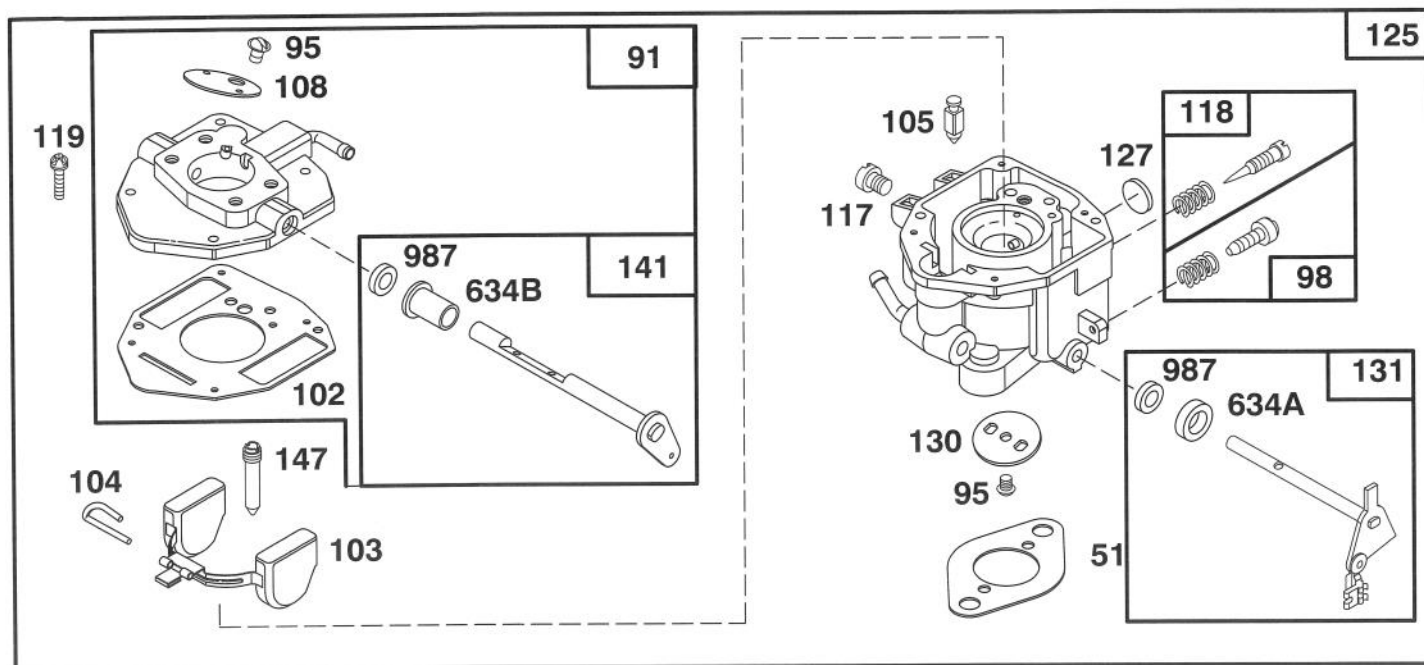
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
16	808000	Crankshaft Note: To Replace Crankshaft Timing Gear Key Order Part No. 94196 807625 Washers – Thrust	
17	805213	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.	

Ref. No.	Part No.	Description	No. Used
27	805099	Lock – Piston Pin	
28	807621	Piston Pin Assembly	
29	807622	Connecting Rod Assembly	
32	805395	Screw – Connecting Rod	
39	805300	Deflector – Oil	
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.



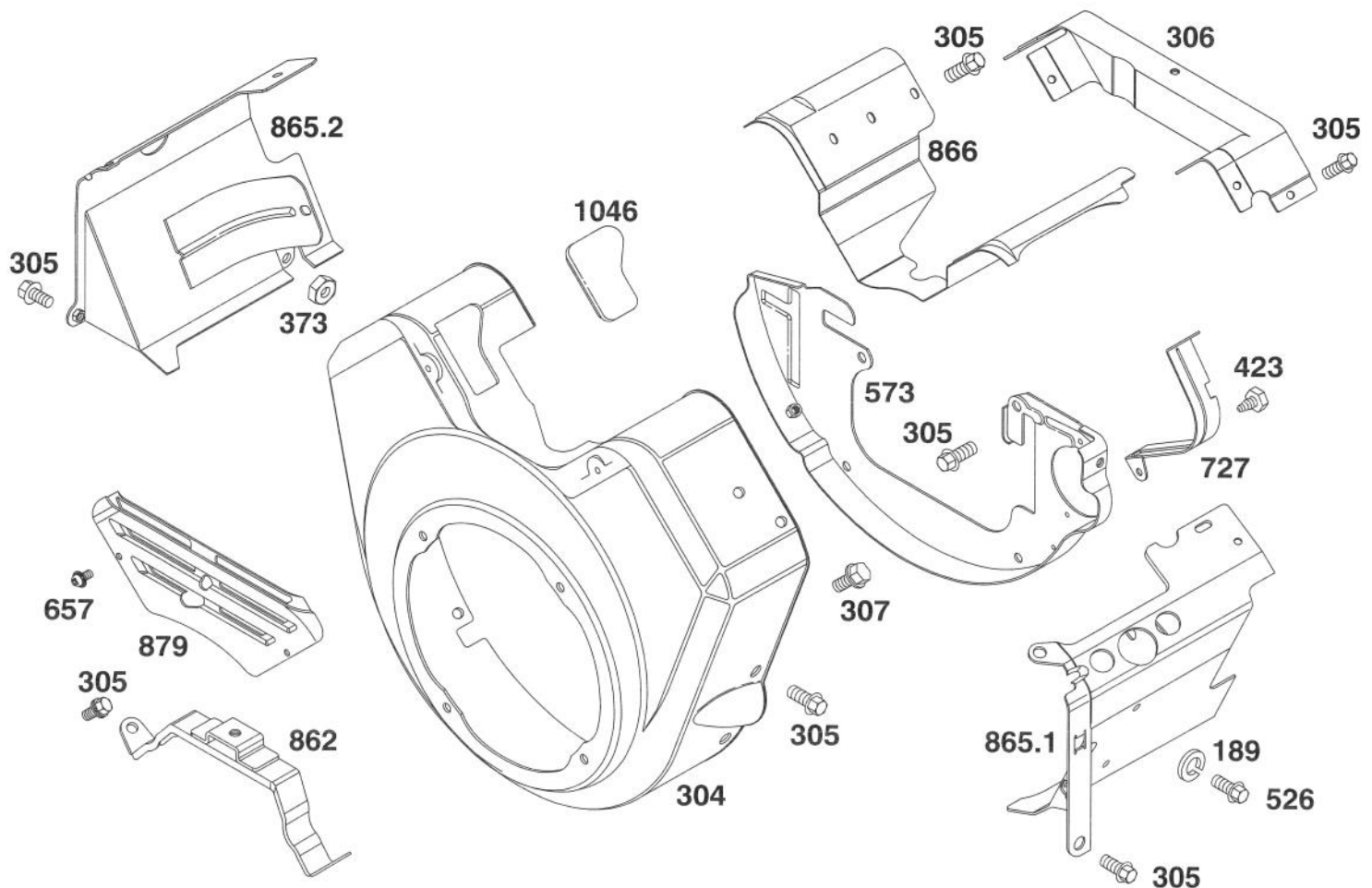
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
*51	805264	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	805548	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	805836	Hose - Fuel (Formed)	
307	805025	Screw	
387	491922	Pump - Fuel	
601	805187	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	

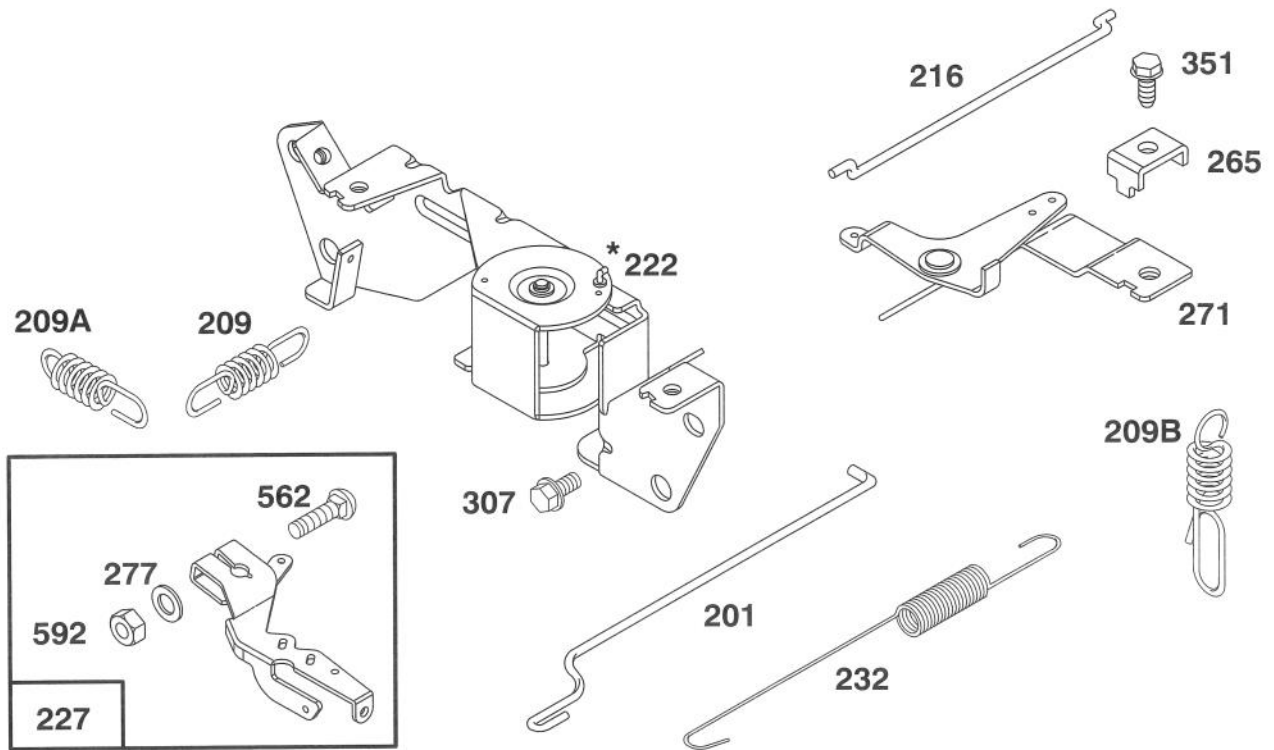
*Included in Carburetor Overhaul Kit - Part No. 807726.



ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
189	805449	Washer – Lock	
304	807898	Housing – Blower	
305	805406	Screw	
306	807661	Cover – Valley Extension	
307	805025	Screw	
373	805383	Nut – Hex	
423	805260	Screw	
526	805448	Screw – Mounting	
573	807663	Back Plate Assembly	
657	805009	Screw	

Ref. No.	Part No.	Description	No. Used
727	805505	Shield – Starter	
862	807796	Bracket – Air Cleaner	
865.1	807870	Cover – Air Guide (Cyl. #1)	
865.2	807871	Cover – Air Guide (Cyl. #2)	
866	805738	Valley Cover – Air Guide	
879	805369	Cover – Carburetor	
1046	805753	Plug – Blower Housing	



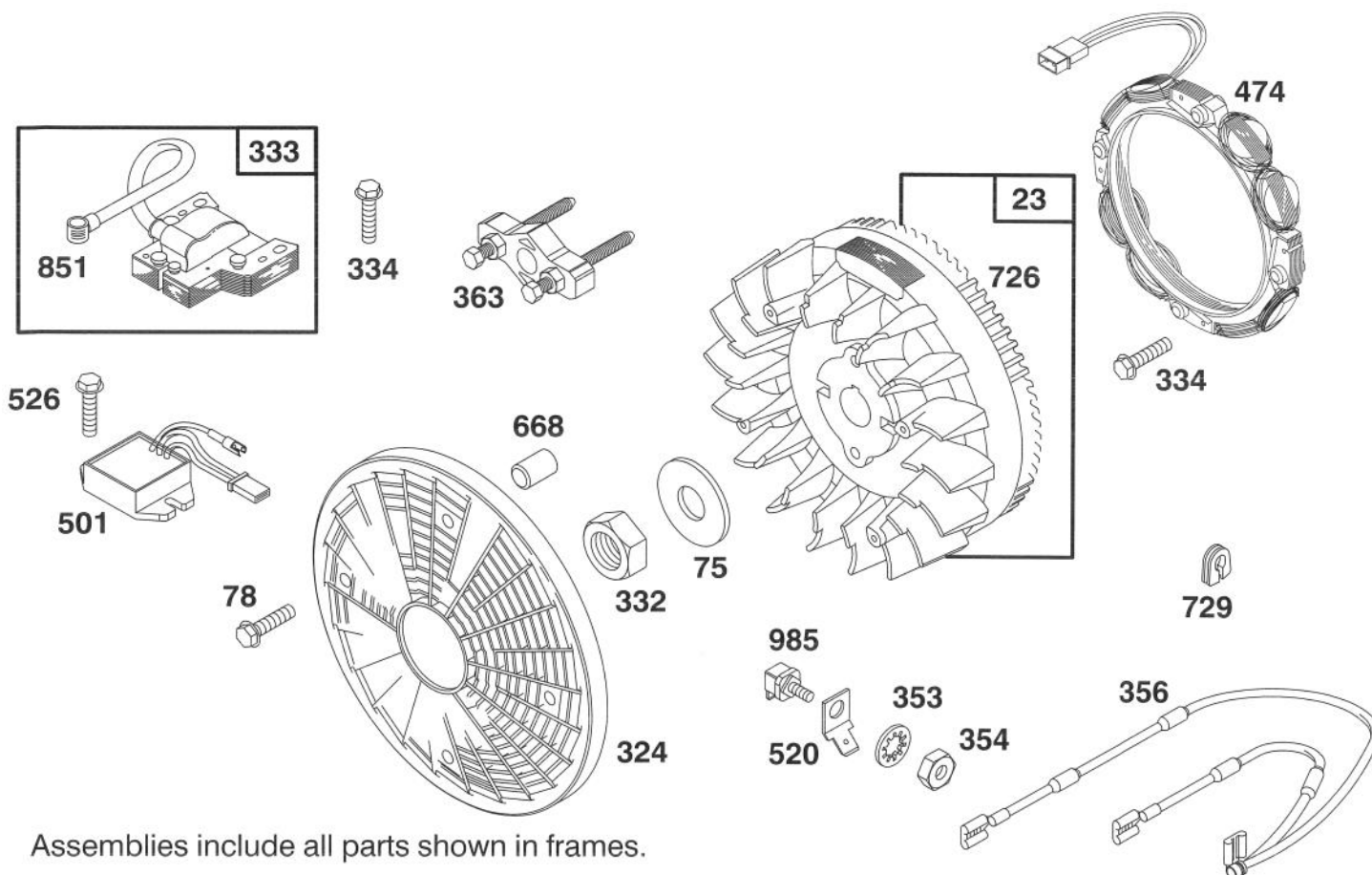
*Special Tool Required
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
201	805480	Link - Governor	
209	805463	Spring - Governor	
209A	805453	Spring - Governed Idle	
209B	805450	Spring - Governor	
216	805439	Link - Choke	
222	807610	Bracket - Governor Control	
227	807528	Lever Assembly - Governor	
232	805465	Spring - Governor Link	
265	221535	Clamp - Casing	

Ref. No.	Part No.	Description	No. Used
271	807609	Bracket - Choke Control	
277	805018	Washer	
307	805025	Screw	
351	805169	Screw - Hex. Head	
562	805381	Bolt	
592	805383	Nut - Hex.	
*	19229	Tang Bender (Low Idle)	
*	19352	Tang Bender (High Idle)	

*Special Tool Required

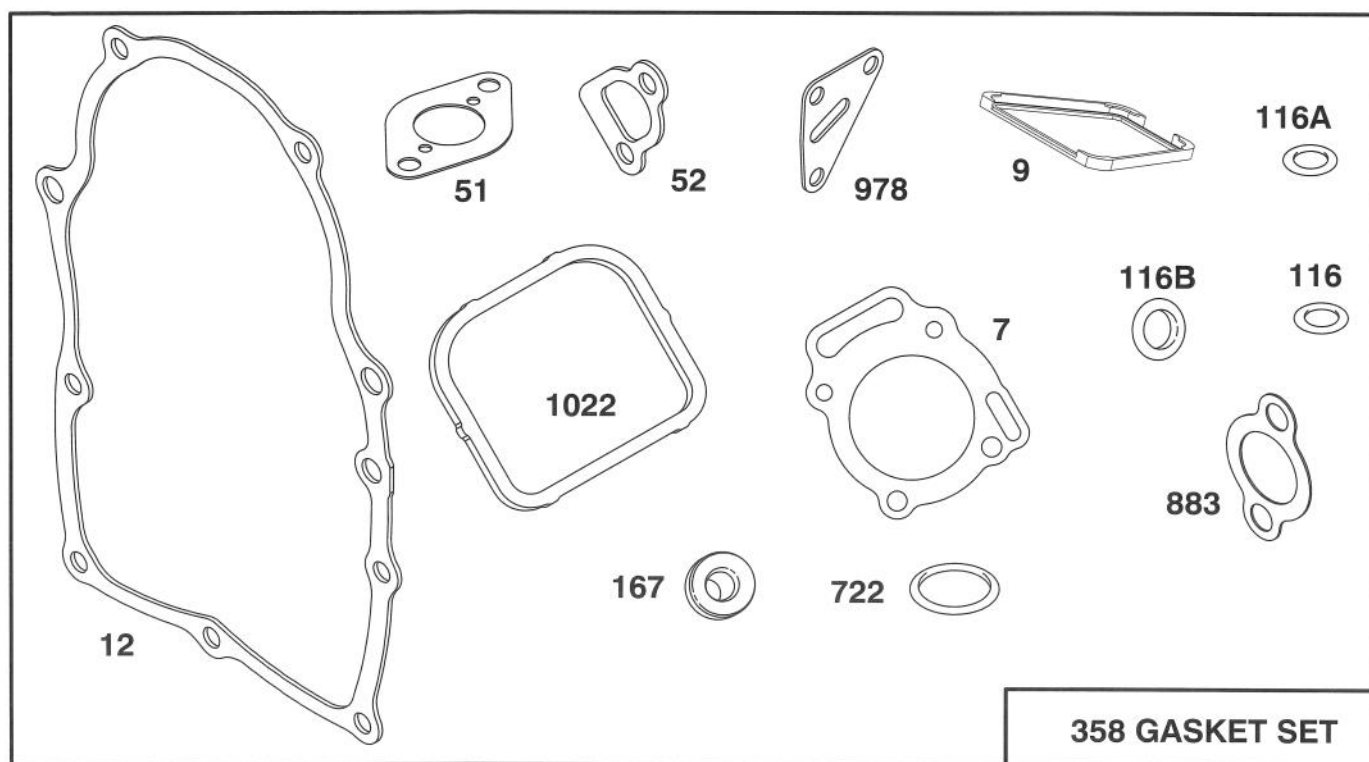


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
23	807531	Flywheel - Magneto	
75	805007	Washer - Spring	
78	805447	Screw	
324	805723	Screen - Rotating	
332	805021	Nut - Hex	
333	492341	Armature - Magneto	
334	805407	Screw - Mounting	
353	92791	Washer - Lock (Internal Tooth)	
354	90576	Nut - Hex	
356	493972	Wire - Assy.	

Ref. No.	Part No.	Description	No. Used
363	19203	Puller - Flywheel	
474	393295	Stator - Alternator	
501	394890	Regulator - Alternator	
520	93722	Terminal - Spade	
526	805448	Screw - Mtg.	
668	805402	Spacer	
726	807805	Gear - Flywheel Ring	
729	805641	Grommet	
851	221798	Terminal - Ignition Cable	
985	398525	Insulator	



Assemblies include all parts shown in frames.

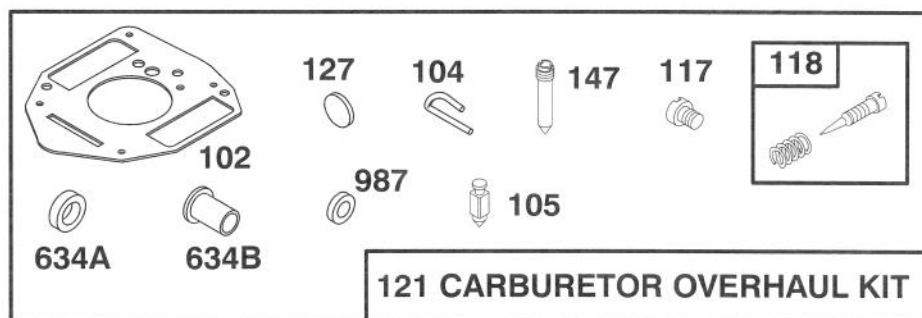
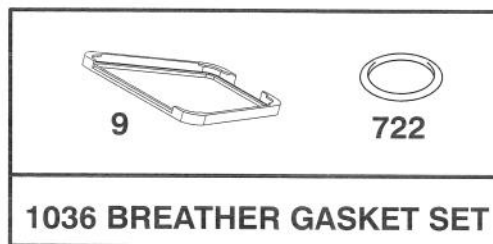
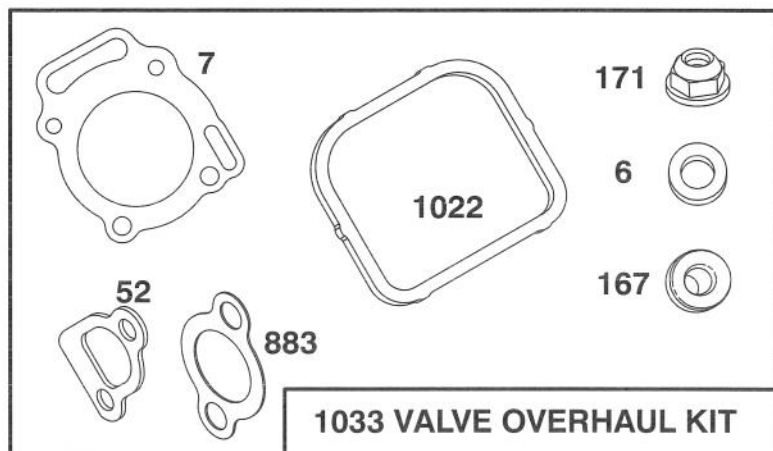
ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
†7	807986	Gasket – Cylinder Head	
*9	805379	Gasket – Breather	
*12	805112	Gasket – Crankcase Cover	
*51	805264	Gasket – Carburetor Mtg.	
*52	805023	Gasket – Intake Manifold	
*116	805058	O-Ring (Oil Pump)	
*116A	805198	O-Ring (Crankcase Cover)	

Ref. No.	Part No.	Description	No. Used
*116B	805316	O-Ring (Pick – Up Tube)	
*†167	805420	Washer – Valve Cover	
358	807989	Gasket Set	
*722	805483	Seal – Breather Screw	
*883	805023	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 303447-0446-01

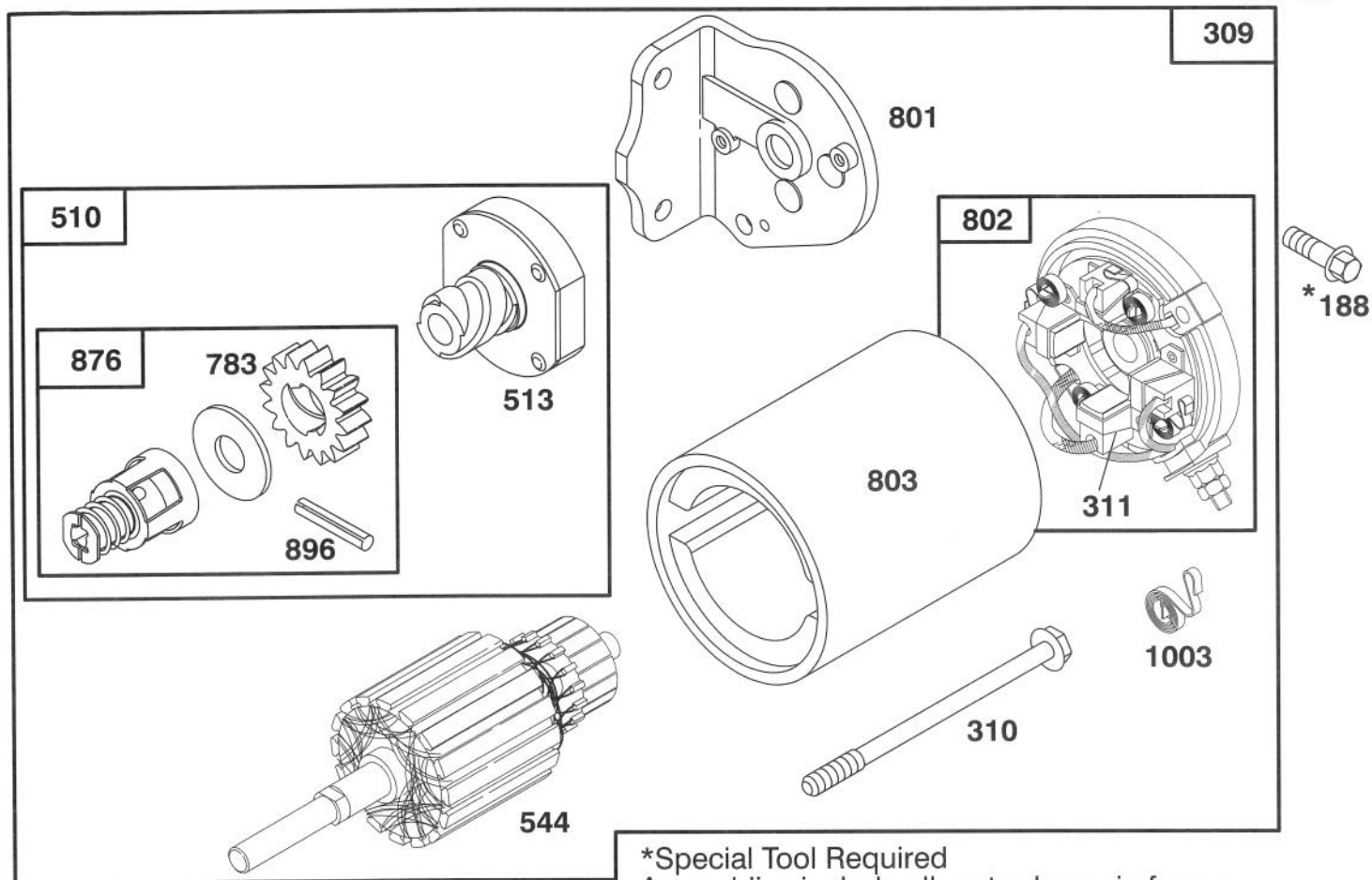
Ref. No.	Part No.	Description	No. Used
‡6	805193	Washer – Cylinder Head	
‡7	807986	Gasket – Cylinder Head	
*9	805379	Gasket – Breather	
†*52	805023	Gasket – Intake Manifold	
†102	805541	Gasket – Intake Elbow	
†104	805545	Pin – Float Hinge	
†105	805547	Valve – Fuel Inlet	
†117	805548	Jet – Main	
†118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

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



ENGINE BRIGGS & STRATTON MODEL 303447-0446-01

Ref. No.	Part No.	Description	No. Used
188	805247	Screw - Hex. Head	
309	399169	Motor - Starting	
310	94169	Bolt	
311	490311	Brush Assembly	
510	490421	Drive Assembly	
513	398003	Clutch Assembly	
544	490309	Armature Assembly	
783	280104	Gear	

Ref. No.	Part No.	Description	No. Used
801	394856	Cap Assy. - Drive	
802	490310	Cap Assy. - Commutator	
803	399172	Housing Assembly	
876	490467	Gear Kit	
896	94288	Roll Pin	
1003	490316	Brush Spring Set	
*	19353	Socket Tool	

*Special Tool Required

TORO PART NUMBER INDEX

3315-369

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-6498	Washer - Thrust	13 5 1	26-3790	Nut - Lock	20 14 2
10-6830	Stud - Drive	20 8 8	26-3790	Nut - Lock	4 17 1
10-6830	Stud - Drive	4 27 4	27-6600	Spacer - Coupler	14 13 8
14-7509	Fender Assembly L.H.	1 16 1	28-1400	Battery	10 9 1
14-7579	Cooler Mount Assembly	16 25 1	28-3420	Cone - Charge Relief	15 33 1
17-4710	Hub	4 18 1	28-4210	Solenoid - Starter	1 23 1
17-4710	Hub - Wheel	20 9 2	29-6163	Switch - Neutral	13 20 1
18-6290	Shaft - Axle	4 7 1	33-1300	Element Assembly	3 6 1
18-6320	Washer	4 2 3	33-1310	Baffle	3 5 1
18-6380	Bolt - Adjustment	6 17 2	33-1320	Cup	3 4 1
18-6380	Pin - Adjusting	13 9 1	33-1330	Nut Assembly	3 3 1
18-7170	Bar - Lift	30 37 1	33-1340	Clamp Assembly	3 2 1
18-7220	Bracket - Pivot, L.H.	30 35 1	33-1350	Band Assembly	3 1 2
18-7250	Bracket - Pivot, R.H.	30 41 1	38-3400	Guard - Rubber	11 18 1
18-7260	Hoop - Wheel, R.H.	30 2 1	39-9600	Clamp - Ammeter	8 16 1
18-7280	Mount - Rake	30 38 1	42-1910	Plate	31 1 4
18-7360	Hoop - Wheel, L.H.	30 29 1	42-1940	Prong - Rake	31 4 40
18-7380	Rake - Upper, (Center)	30 14 2	43-1730	Body	18 7 1
18-7420	Rake - Upper, L.H.	30 19 1	43-1950	Lift Valve Assembly	17 20 1
18-7450	Rake - Upper	30 4 1	43-5220	Ring - Retaining	23 12 1
18-7460	Rake - Bar	30 28 4	43-5230	Shaft with Clevis	23 13 1
18-7520	Hoop - Lift	30 13 4	43-5260	Barrel w/Clevis & Ports	23 2 1
18-7530	Assembly - Ball Joint (Ctr.)	30 40 4	46-4810	Rim	4 5 1
18-7550	Assembly - Ball Joint	30 3 4	46-4810	Rim	20 11 2
18-7570	Weight - Drag	30 10 8	46-6890	Air Cleaner Assembly	1 14 1
18-7570	Weight - Rake (Optional)	26 * A/R	46-7510	Hood - Intake	3 10 1
18-7590	Weight - Drag (Secondary)	30 17 6	47-2964	Hose - Fuel	11 19 1
18-7650	Weight	30 24 4	47-2964	Hose - Fuel	10 25 1
18-7660	Bracket - Swivel	30 21 2	48-1800	Cylinder Block Kit	15 5 1
20-4670	Assembly - Cable, Drag	30 9 14	48-7620	Screw - Cap Hex. Hd.	11 7 3
21-2480	Hose - Fuel	10 13 1	49-2040	Screw - Hex. Flange Hd.	13 6 3
22-8330	Plug	18 1 2	49-8480	Shaft - Trunion	15 28 1
22-8340	Spring	18 3 2	49-8520	Kit - Implement Relief	15 * 1
22-8350	Ball	18 4 2	51-0780	Slide - Seat Adjust	7 8 1
22-8360	Pin - Cam	18 6 2	51-0790	Slide - Seat Adjust	7 17 1
22-8370	Seat-Check Valve	18 5 2	53-6380	Washer	20 22 1
22-8380	Retainer - Spring	18 10 2	55-4300	Decal - Warning	27 23 2
22-8410	Spring	18 11 1	56-7720	Rod - Battery Hold-Down	10 12 2
22-8420	Spool	18 8 1	56-7976	Clamp - Tube	4 36 1
22-8480	Ring - Retaining, Spool	18 13 1	56-7981	Sleeve - Protective	20 38 1
22-8490	Ring - Retaining	18 14 1	61-2710	Fitting - Hydraulic 90°	14 32 1
22-8500	O-Ring	18 9 2	61-3770	Hydraulic Filter Head Assy.	16 15 1
23-3030	Spacer	18 12 1	62-4290	O-Ring	15 44 2
23-8910	Fitting - Hydraulic 90°	16 9 2	63-8360	Key - Ignition	8 8 1
23-9740	Element - Hydraulic Filter	16 18 1	63-8410	Washer - Flat	10 19 3
25-2380	Plate - Thrust	15 39 1	63-8410	Washer - Flat	16 20 3
25-2390	Plate - Valve	15 40 1	66-0561	Bolt - Shoulder	26 7 2
25-2400	Gasket	15 43 1	66-2950	Hour Meter Assembly	8 10 1
25-2430	Pin - Straight	15 41 1	67-0860	Washer - Flat	27 1 4
25-2450	Swash/Plate	15 37 1	67-8020	Shaft - Pump	15 6 1
25-2460	Plug	15 14 2	67-8030	Plug Assembly	15 19 1
25-2470	Kit - Shim Pack	15 16 2	67-8040	O-Ring	15 20 1
25-2480	Spring - Charge Relief	15 32 1	67-8050	Bearing - Needle	15 22 1
25-2490	Ball - Check Valve	15 47 2	67-8060	Seal - Lip	15 23 1
25-2510	Washer	15 11 2	67-8080	Bearing - Needle	15 42 1
25-2530	Pin - Straight	15 26 1	67-8090	Cap - Pump End	15 45 1
25-2560	Cone - Relief Valve	15 18 1	69-9760	Plate - Cover	4 37 1
25-2570	Spring - Relief Valve	15 17 1	70-2770	Head	23 10 1
25-2580	Shaft - Trunion	15 12 1	70-2780	Piston	23 5 1
25-2620	Valve - By-Pass	15 4 1	70-8631	Cap - Fuel	10 1 1
25-2630	Ring	15 3 1	72-4790	Hold-Down - Battery	10 8 1
25-2640	Spring - Check Valve	15 48 2	74-0720	Tube - Manual	7 4 1
25-2650	Plug - Check Valve	15 50 2	74-9100	Pad - Forward	12 16 1
25-2680	Gerotor Assembly	15 25 1	74-9110	Pad - Reverse	12 4 1
25-2690	Housing - Charge Pump	15 21 1	75-0540	Teather	16 2 1
25-3180	Kit - Check Valve	15 * 1	75-4705	Hose - Fuel	11 47 1
25-3210	Seal - Lip	15 10 2	75-5470	Spacer	13 18 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3315-369

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
75-9830	Hydraulic Motor Assembly	4 24 1	83-1390	Fitting - Fuel Shut-Off	10 15 1
75-9831	Hydraulic Motor Assy. L.H.	20 6 1	83-2220	Deflector - Exhaust	11 13 1
75-9840	Hydraulic Motor Assy. R.H.	20 30 1	83-2230	Screw	11 12 4
76-0800	Kit - Seal	21 * 1	83-2420	Cable - Positive	9 3 1
76-0800	Kit - Seal	22 * 1	83-2420	Cable - Positive	11 25 1
76-0800	Kit - Seal	5 * 1	83-7000	Cylinder Assembly	20 3 1
76-0810	Assembly - Housing	21 * 1	83-7250	Seal Repair Kit	23 14 1
76-0810	Assembly - Housing	22 * 1	84-2230	Pivot	29 4 1
76-0810	Assembly - Housing	5 * 1	84-2230	Pivot - W.A.	24 11 1
76-0820	Link - Drive	21 13 7	84-2280	Rake - Finishing	26 12 5
76-0820	Link - Drive	22 13 1	84-2350	Spacer - Long	26 2 2
76-0830	Rotor Set	21 * 1	84-2360	Plate - L.H., Trowel W.A.	26 18 1
76-0830	Rotor Set	22 * 1	84-2390	Plate - Center, Trowel W.A.	26 5 1
76-0840	Manifold	21 22 1	84-2400	Plate - R.H., Trowel W.A.	26 10 1
76-0840	Manifold	22 22 1	84-2420	Arm - Lift, W.A.	24 4 1
76-0840	Manifold	5 22 1	84-2450	Chain - 4 Links	26 11 6
76-0850	Bearing - Thrust	21 12 1	84-2451	Chain - 5 Links	26 13 4
76-0850	Bearing - Thrust	22 12 1	84-2452	Chain - 14 Links	25 1 2
76-0850	Bearing - Thrust	5 12 1	84-2453	Chain (16 Links)	29 6 2
76-0860	Shaft - Coupling	21 11 1	84-2550	Trowel - Smooth	26 14 3
76-0860	Shaft - Coupling	22 11 1	84-2620	Angle - W.A.	24 14 1
76-0860	Shaft - Coupling	5 11 1	84-2680	Hanger W.A.	25 2 1
76-0870	Plate - Wear	21 18 1	85-0020	Angle W.A.	27 20 1
76-0870	Plate - Wear	22 18 1	85-0070	Bracket W.A. - R.H.	27 * 1
76-0870	Plate - Wear	5 18 1	85-0100	Bracket W.A. - L.H.	27 9 1
76-0880	Assembly - Commutator	21 * 1	85-0120	Pin	27 5 2
76-0880	Assembly - Commutator	22 * 1	85-0130	Spacer - Spring	27 7 4
76-0880	Assembly - Commutator	5 * 1	85-0140	Spring - Torsion, L.H.	27 2 2
76-0890	Assembly	22 29 1	85-0150	Spring - Torsion, R.H.	27 8 2
76-0930	Link - Drive	5 13 7	85-0160	Sweep W.A.	27 10 5
76-0940	Assembly - Cover, End	21 24 1	85-0190	Lift Arm W.A.	27 13 2
76-0940	Assembly - Cover, End	5 24 1	85-0230	Rod - Adjustment	27 17 2
76-0950	Rotor Set	5 * 1	85-0240	Bolt - Shoulder	27 15 2
76-1020	Screw - Cap, Hex. Hd.	21 14 1	85-0250	Spacer	27 14 2
76-1030	Screw - Cap, Hex. Hd.	5 14 1	85-0260	Block	27 18 2
76-1040	Screw - Cap, Hex. Hd.	22 14 7	85-0270	Pin - Lock	27 12 2
76-1401	Seat	7 19 1	85-0290	Spacer - Seat Support	7 10 2
76-1420	Wheel - Steering	6 1 1	85-0310	Hanger W.A.	29 7 1
76-8640	Stud - Traction	13 14 1	85-0360	Rake - Spring	29 13 5
77-3100	Decal - Danger	16 38 2	85-0380	Tube - Hydraulic	17 19 1
77-5080	Swivel - Drag	30 25 2	85-0380	Tube - Hydraulic	20 33 1
77-5090	Plate - Drag (Secondary)	30 18 3	85-0390	Tube - Hydraulic	17 2 1
77-5100	Plate - Drag, Main	30 8 4	85-0390	Tube - Hydraulic	16 37 1
80-1330	Frame W.A.	28 10 1	85-4920	Hydraulic Pump Assembly	15 8 1
80-1340	Beam W.A.	28 3 1	85-7600	Frame Assembly	1 28 1
80-1350	Bar W.A.	28 9 8	85-7610	Hose - Hydraulic	16 11 1
80-1640	Sweep	28 7 8	85-7680	Hose - Hydraulic	16 17 1
80-1680	Bracket - Pivot, L.H.	28 12 1	85-7680	Hose - Hydraulic	14 30 1
80-1680	Bracket - Pivot, W.A. LH	24 1 1	85-7760	Tube - Hydraulic	20 21 1
80-1690	Bracket - Pivot, R.H.	28 15 1	85-7760	Tube - Hydraulic	17 22 1
80-1690	Bracket - Pivot, W.A. RH	24 7 1	85-8000	Engine Assembly	11 46 1
80-1700	Assembly - Sweep	28 16 8	85-8030	Chain	6 19 1
80-1710	Angle - Support	28 14 1	85-8060	Fork - Steering	4 3 1
80-2040	Hook	24 8 2	85-8240	Hydraulic Pump Assembly	14 8 1
80-2050	Bolt - Shoulder	29 2 1	85-8290	Tire	20 10 2
80-2050	Bolt - Shoulder	24 10 1	85-8290	Tire	4 16 1
80-2060	Muffler	11 14 1	85-8300	Lever - Pump	13 2 1
80-2110	Cable - Solenoid-Starter	9 2 1	85-8320	Plate - Pump	13 7 1
80-2120	Wire Harness - Main	9 1 1	85-8360	Seal - Cover	11 3 1
80-2120	Wire Harness Assembly	8 12 1	85-8370	Cover - Air Cleaner	11 2 1
80-2150	Pad - Litterbox	2 32 1	85-8430	Base - Air Cleaner	11 48 1
80-8290	Plate - Hot Surface	11 10 1	85-8450	Rod - Control	12 9 1
80-8650	Coupler - Rubber	14 14 2	85-8460	Switch Arm Assembly	13 12 1
83-0020	Ignition Switch Assembly	8 5 1	85-8490	Panel - Front R.H.	2 29 1
83-0820	Ammeter Assembly	8 9 1	85-8530	Pedal Assembly	12 15 1
83-1031	Mount - EWngine	11 31 4	85-8570	Shroud - Lower	16 24 1
83-1320	Filter - Fuel	10 24 1	85-8600	Support - Engine	11 33 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
85-8640	Base - Engine	11 38 1	85-9570	Hose - Hydraulic	17 15 1
85-8670	Hub - Fan	14 27 1	85-9570	Hose - Hydraulic	20 28 1
85-8700	Hub - Pump	14 19 1	85-9580	Hose - Hydraulic	17 16 1
85-8730	Hub - Engine	14 18 1	85-9580	Hose - Hydraulic	20 24 1
85-8770	Coupling	14 16 1	85-9590	Hose - Hydraulic	14 25 1
85-8780	Tread - Floor R.H.	2 * 1	85-9590	Hose - Hydraulic	16 28 1
85-8790	Tread - Floor L.H.	2 38 1	85-9600	Hose - Hydraulic	17 18 1
85-8800	Decal - Sand Pro 5000	2 34 2	85-9600	Hose - Hydraulic	14 21 1
85-8810	Decal - Operating	2 37 1	85-9610	Hose - Hydraulic	14 4 1
85-8820	Decal - Control	1 6 1	85-9620	Hose - Hydraulic	14 1 1
85-8830	Decal - Console	8 21 1	85-9630	Hose - Hydraulic	4 23 1
85-8840	Decal - Warning	1 11 1	85-9640	Hose - Hydraulic	4 22 1
85-8850	Decal - Service	7 7 1	85-9660	Plate - Seat	7 5 1
85-8860	Decal - Eccentric Bolt	13 22 1	85-9670	Nut - T	16 34 2
85-8880	Decal - Shield Missing	2 36 3	85-9680	Panel - Front L.H.	1 27 1
85-8890	Panel - Console	8 18 1	85-9720	Fitting - Hydraulic Orificed	17 35 1
85-8900	Lever - Lift Valve	17 6 1	86-4870	Reservoir Cap Assembly	16 3 1
85-8930	Retainer - Boot	10 22 1	88-8110	Screen Assembly R.H.	16 33 1
85-8940	Flange - Bearing Lube	4 11 1	88-8120	Screen Assembly L.H.	16 31 1
85-8950	Flange - Bearing	4 9 1	88-8130	Top Panel Assembly	2 30 1
85-8960	Spacer	12 3 1	88-8240	Pin - Tilt Lock	6 4 1
85-8970	Shield - Chain	6 15 1	88-8280	Lever - Steering Adjust	6 6 1
85-9000	Tank - Fuel	10 2 1	88-8290	Steering Column Assembly	6 25 1
85-9010	Boot - Steering	10 21 1	88-8330	Cable - Engine Ground	9 4 1
85-9020	Key - Square	14 17 1	88-8330	Cable - Negative	11 21 1
85-9030	Spring - Extension	13 10 1	88-8340	Trim - Panel	2 35 1
85-9040	Panel - Rear L.H.	1 24 1	88-8350	Tab - Bearing	4 39 1
85-9050	Panel - R.H. Rear	1 2 1	88-8360	Bumper	7 20 2
85-9070	Console Assembly	8 2 1	88-8380	Muffler Shield Assembly	11 11 1
85-9110	Reservoir - Hydraulic	16 40 1	88-8390	Cover - Cable	11 22 1
85-9120	Spacer	6 10 3	88-8440	Plate - Tipper	26 20 2
85-9120	Spacer	13 17 1	88-8450	Rake - Prong	26 17 27
85-9140	Hose - Fuel	10 17 1	88-8480	Bracket - Pivot	17 10 1
85-9150	Plate - Switch	13 19 1	88-8510	Dowel	6 30 2
85-9160	Spacer	20 2 1	88-8520	Block - Lock Lower	6 31 1
85-9170	Pin - Cylinder	20 5 1	88-8530	Block - Lock Upper	6 8 1
85-9180	Sprocket	6 20 1	218-461	Nut - Lock	8 7 1
85-9190	Plate - Control	2 33 1	218-594	Fuse - 20 Amp	8 11 2
85-9200	Joint - Universal	6 23 1	232-34	Screw - Cap Hex. Hd.	20 23 1
85-9210	Shaft - Steering Lower	6 22 1	232-35	Valve - Stem	20 13 2
85-9220	Shaft - Steering Upper	6 27 1	232-35	Valve - Stem	4 15 1
85-9230	Support - Seat	7 9 1	233-39	Handle	6 3 1
85-9310	Control - Throttle & Choke	2 31 2	233-39	Handle	17 7 1
85-9320	Rod - Seat Prop	7 15 1	237-21	Seal-O-Ring	17 14 2
85-9360	Tube - Hydraulic	17 30 1	237-21	Seal-O-Ring	20 27 2
85-9360	Tube - Hydraulic	4 34 1	237-22	O-Ring	15 2 1
85-9370	Tube - Hydraulic	17 34 1	237-22	Seal - O-Ring	14 24 2
85-9370	Tube - Hydraulic	4 35 1	237-22	Seal - O-Ring	16 29 2
85-9390	Tube - Hydraulic	20 20 1	237-22	Seal - O-Ring	20 34 1
85-9390	Tube - Hydraulic	17 24 1	237-22	Seal-O-Ring	17 3 3
85-9400	Tube - Hydraulic	20 31 1	237-30	Seal - O-Ring	14 2 4
85-9400	Tube - Hydraulic	17 32 1	237-30	Seal - O-Ring	4 21 4
85-9410	Tube - Hydraulic	17 31 1	237-30	Seal-O-Ring	20 19 4
85-9410	Tube - Hydraulic	20 32 1	237-30	Seal-O-Ring	17 27 8
85-9420	Hydraulic Tube Assembly	14 5 1	237-42	O-Ring	18 2 2
85-9420	Tube - Hydraulic	17 23 1	237-42	Seal - O-Ring	14 22 2
85-9430	Hydraulic Tube Assembly	14 3 1	237-42	Seal - O-Ring	20 36 1
85-9430	Tube - Hydraulic	17 33 1	237-42	Seal-O-Ring	17 5 2
85-9450	Hose - Hydraulic	14 36 1	237-78	O-Ring	23 1 2
85-9460	Cooler - Oil	16 30 1	237-78	Seal-O-Ring	17 12 2
85-9470	Hydraulic Manifold Assembly	17 21 1	237-78	Seal-O-Ring	20 25 2
85-9500	Hose - Air Cleaner	1 12 1	237-79	Seal - O-Ring	16 5 4
85-9510	Screen - Filler	16 4 1	237-79	Seal - O-Ring	14 7 3
85-9530	Fender - R.H.	1 7 1	237-79	Seal-O-Ring	17 25 8
85-9540	Stud - Adjuster	12 11 1	237-80	Seal - O-Ring	4 19 2
85-9550	Clamp - Rubber	16 35 2	237-80	Seal - O-Ring	14 33 1
85-9560	Fan	14 28 1	237-80	Seal-O-Ring	20 17 4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3315-369

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
237-86	O-Ring	15 15 2	322-9	Screw - Cap Hex. Hd.	11 36 4
237-95	O-Ring	15 27 1	322-14	Screw - Cap Hex. Hd.	12 1 1
237-143	Grommet	10 5 2	322-21	Screw - Cap Hex. Hd.	29 10 5
237-146	Seal - O-Ring	16 8 3	322-42	Screw - Cap Hex. Hd.	7 21 2
240-3	Grommet	1 1 1	322-43	Screw - Cap Hex. Hd.	6 5 1
240-11	Grommet	16 19 3	323-3	Screw - Cap, Hex. Hd.	30 30 2
240-11	Grommet	10 20 3	323-6	Screw - Cap Hex. Hd.	28 11 4
242-50	Nut - Lock	20 12 8	323-6	Screw - Cap Hex. Hd.	10 18 3
242-50	Nut - Lug	4 6 4	323-6	Screw - Cap Hex. Hd.	16 21 3
2410-73	Retainer - Teather	16 1 1	323-6	Screw - Cap, Hex. Hd.	30 34 4
2411-31	Boot - Rubber	30 39 16	323-7	Screw - Cap Hex. Hd.	24 2 4
2412-34	Clamp - Hose	16 10 3	323-7	Screw - Cap Hex. Hd.	26 8 6
2412-34	Clamp - Hose	14 31 1	323-9	Screw - Cap Hex. Hd.	27 4 4
2412-36	Clamp - Hose	16 7 1	323-9	Screw - Cap Hex. Hd.	7 12 2
2412-36	Clamp - Hose	10 16 2	323-10	Screw - Cap Hex. Hd.	13 1 1
2412-36	Clamp - Hose	14 35 1	323-10	Screw - Cap Hex. Hd.	11 35 2
2412-92	Clamp - Hose	1 13 1	323-11	Screw - Cap Hex. Hd.	20 4 1
2412-93	Clamp - R	10 3 2	323-11	Screw - Cap Hex. Hd.	11 37 2
2412-108	Clamp - Hose	10 14 3	323-11	Screw - Cap Hex. Hd.	15 46 4
2412-108	Clamp - Hose	11 17 1	323-12	Screw - Cap Hex. Hd.	29 8 2
2412-109	Clip - J	10 23 1	323-14	Screw - Cap Hex. Hd.	25 3 2
2412-133	Clamp - R	7 1 2	323-14	Screw - Cap Hex. Hd.	26 4 2
2412-138	Clamp - R	17 37 2	323-29	Screw - Cap Hex. Hd.	4 13 3
251-8	Bearing - Ball	15 35 1	323-33	Screw - Cap Hex. Hd.	11 34 4
251-259	Bearing	13 16 2	323-51	Bolt - Plow	28 8 8
251-352	Bearing Assembly	4 10 1	325-5	Screw - Cap, Hex. Hd.	30 31 4
251-352	Screw - Set	4 14 2	325-9	Screw - Cap Hex. Hd.	20 15 8
252-82	Bearing - Needle	15 9 2	325-15	Screw - Cap Hex. Hd.	28 1 2
254-61	Cup - Bearing	4 30 2	3217-5	Nut - Hex.	10 10 2
254-70	Cone - Bearing	4 29 2	3217-5	Nut - Hex.	30 22 24
256-113	Bushing - Flange	13 11 2	3217-6	Nut - Hex	30 12 18
256-185	Bushing - Sleeve	6 26 1	3217-7	Nut	26 15 27
256-219	Bushing - Flange	12 2 2	3217-7	Nut - Hex.	31 2 40
256-234	Bushing	24 3 2	3217-7	Nut - Hex.	30 16 12
256-234	Bushing	28 13 2	3217-9	Nut - Hex.	27 16 2
256-234	Bushing	30 36 2	3217-25	Nut - Hex	8 15 2
256-287	Bushing - Sleeve	6 21 2	3218-5	Nut - Jam	12 10 1
2710-11	Link - Connecting	6 18 2	3218-13	Nut - Hex.	1 21 2
2710-20	Link - Offset	17 38 1	3219-14	Nut - Hex.	8 17 2
283-80	Assembly - Lynch Pin	28 4 8	3219-14	Nut - Hex.	1 20 2
283-83	Pin - Clevis	29 1 1	3230-18	Bolt - Carriage	1 8 4
283-83	Pin - Clevis	24 9 1	3231-2	Bolt - Carriage	27 11 10
285-17	Plug - Pipe	15 1 6	3231-21	Bolt - Carriage	26 9 20
302-5	Fitting - Grease	4 12 1	3234-7	Screw - Hex. Flange Hd.	2 39 6
302-60	Fitting - Grease	13 13 1	3241-5	Screw - Set Sq. Hd.	14 11 6
302-60	Fitting - Grease	4 31 1	3253-3	Washer - Lock	16 13 2
321-3	Screw - Cap Hex. Hd.	8 1 4	3253-3	Washer - Lock	30 23 24
321-3	Screw - Cap Hex. Hd.	10 11 2	3253-4	Washer - Lock	7 2 2
321-3	Screw - Cap Hex. Hd.	16 14 6	3253-4	Washer - Lock	30 11 18
321-3	Screw - Cap Hex. Hd.	1 18 2	3253-7	Washer - Lock	28 2 2
321-4	Screw - Cap, Hex. Hd.	30 20 8	3253-7	Washer - Lock	20 16 8
321-10	Screw - Cap Hex. Hd.	4 38 1	3253-7	Washer - Lock	30 32 4
321-23	Screw - Cap Hex. Hd.	17 1 3	3253-21	Washer - Lock	30 15 14
321-31	Screw - Cap, Hex. Hd.	30 27 16	3253-21	Washer - Lock	26 16 27
322-1	Screw - Cap Hex. Hd.	1 15 4	3253-29	Washer - Lock	31 3 40
322-2	Screw - Cap Hex. Hd.	7 3 10	3254-1	Washer - Lock	1 19 2
322-2	Screw - Cap Hex. Hd.	1 9 2	3254-2	Washer - ITLW	11 24 1
322-2	Screw - Cap Hex. Hd.	16 22 4	3254-2	Washer - Lock	1 22 2
322-3	Screw - Cap Hex. Hd.	6 14 3	3254-5	Washer - Lock	8 6 1
322-3	Screw - Cap Hex. Hd.	17 28 2	3255-7	Washer - ETLW	11 8 3
322-4	Screw - Cap Hex. Hd.	14 15 8	3255-20	Washer - E.T.L.W.	8 14 2
322-4	Screw - Cap Hex. Hd.	15 24 4	3256-1	Washer - Flat	8 3 4
322-4	Screw - Cap Hex. Hd.	11 29 8	3256-3	Washer - Flat	26 3 2
322-5	Screw - Cap Hex. Hd.	26 * A/R	3256-3	Washer - Flat	25 4 2
322-5	Screw - Cap Hex. Hd.	6 11 3	3256-3	Washer - Flat	24 6 2
322-5	Screw - Cap, Hex. Hd.	30 5 18	3256-3	Washer - Flat	7 6 4
322-9	Screw - Cap Hex. Hd.	13 15 1	3256-3	Washer - Flat	29 9 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3256-3	Washer - Flat	27 22 4	3296-29	Nut - Lock	29 12 5
3256-22	Washer - Flat	10 6 2	3296-29	Nut - Lock	6 12 5
3256-22	Washer - Flat	16 12 2	3296-29	Nut - Lock	7 13 6
3256-22	Washer - Flat	1 25 2	3296-29	Nut - Lock	16 23 4
3256-22	Washer - Flat	30 26 8	3296-29	Nut - Lock	6 29 1
3256-23	Washer - Flat	12 5 1	3296-29	Nut - Lock	11 32 8
3256-23	Washer - Flat	30 7 42	3296-29	Nut - Lock	11 20 4
3256-23	Washer - Flat	6 7 4	3296-32	Rivet - Pop	11 9 2
3256-24	Washer - Flat	7 11 4	3296-39	Nut - Lock	27 3 16
3256-24	Washer - Flat	12 13 2	3296-39	Nut - Lock	4 4 3
3256-24	Washer - Flat	26 19 69	3296-39	Nut - Lock	24 5 6
3256-24	Washer - Flat	11 30 8	3296-39	Nut - Lock	28 5 4
3256-25	Washer - Flat	24 15 1	3296-39	Nut - Lock	12 14 1
3256-25	Washer - Flat	29 15 1	3296-39	Nut - Lock	7 16 2
3256-26	Washer	27 19 2	3296-39	Nut - Lock	13 23 1
3256-26	Washer - Flat	29 3 2	3296-39	Nut - Lock	11 28 4
3256-26	Washer - Flat	12 8 1	3296-39	Nut - Lock	20 29 1
3256-26	Washer - Flat	24 13 2	3296-48	Nut - Lock	29 14 1
3256-26	Washer - Flat	30 33 4	3296-48	Nut - Lock	24 16 1
3256-35	Washer - Flat	29 11 5	32103-12	Nut - Wing	10 7 2
3257-32	Key - Woodruff	15 7 1	32105-13	Screw - Cap Hex. Hd.	1 5 4
3257-32	Key - Woodruff	14 9 2	32105-13	Screw - Hex. Flange Hd.	16 41 1
3257-42	Key - Woodruff	20 7 2	32105-21	Screw - Machine	13 3 2
3257-42	Key - Woodruff	21 17 1	32107-11	Nut - Square	3 8 2
3257-42	Key - Woodruff	5 17 1	32120-11	Ring - Retaining	15 36 1
3257-42	Key - Woodruff	4 26 1	32120-15	Ring - Retaining	15 34 1
3257-42	Key - Woodruff	22 17 1	32121-6	Pin - Roll	14 26 1
3258-19	Screw - Round Hd.	3 7 2	32121-15	Pin - Roll	6 24 2
3258-166	Screw - Phillips Hd.	8 4 4	32121-91	Pin - Coiled Spring	15 38 3
3272-10	Pin - Cotter	30 6 28	32121-111	Pin - Roll	6 2 1
3272-12	Pin - Cotter	24 12 1	32121-112	Pin - Roll	6 13 1
3272-12	Pin - Cotter	29 16 1	32128-12	Nut - Flange Lock	26 6 2
3272-12	Pin - Cotter	27 21 2	32128-20	Nut - Flange Lock	1 17 4
3272-16	Pin - Cotter	12 7 1	32128-20	Nut - Flange Lock	7 18 4
3272-18	Pin - Cotter	27 6 4	32128-21	Nut - Flange Head	26 1 30
3272-37	Pin - Cotter	4 32 1	32128-21	Nut - Flange Head	25 5 2
3274-4	Pin - Cotter	7 14 2	32128-21	Nut - Flange Head	29 5 2
3274-5	Screw - Hex. Socket Hd.	14 20 2	32136-9	Nut - Slotted	4 1 1
3274-31	Screw - Hex. Socket Hd.	8 * 3	32144-11	Screw - Cap Hex. Hd.	1 3 8
3274-31	Screw - Hex. Socket Hd.	20 40 3	32144-11	Screw - Self Tapping	10 4 3
3274-86	Screw - Hex. Socket Hd.	16 27 2	32144-11	Screw - Thread Forming	16 26 3
3274-93	Screw - Hex. Socket Hd.	4 28 2	32144-11	Screw - Thread Forming	17 36 2
3289-24	Screw - Socket Flat Hd.	6 28 1	32144-73	Screw - Cap Hex. Hd.	14 29 4
3290-256	Pin - Hair	20 1 2	32148-6	Nut - Clinch	8 19 8
3290-360	Screw - Cap Hex. Hd.	17 8 2	32148-6	Nut - Clinch	16 32 4
3290-378	Tie - Cable	8 * 3	32148-8	Nut - Clinch	2 40 6
3290-378	Tie - Cable	11 23 2	32148-11	Nut - Clinch	2 41 3
3290-378	Tie - Cable	20 37 5	32151-46	Ring - Retaining	15 13 2
3290-509	Mount - Tie	8 * 3	32151-105	Ring - Retaining	6 9 1
3290-509	Mount - Tie	20 39 3	32152-2	Nut - Lock	28 6 8
3296-2	Nut - Lock	17 9 2	32152-10	Nut	23 3 1
3296-2	Nut - Lock	1 10 4	340-2	Fitting - Hydraulic Straight	20 35 1
3296-4	Nut - Lock	13 8 1	340-4	Fitting - Hydraulic Straight	17 26 7
3296-4	Nut - Lock	6 16 2	340-6	Fitting - Hydraulic Straight	20 18 4
3296-5	Nut - Lock	30 1 16	340-18	Fitting - Hydraulic 90°	16 36 2
3296-8	Nut - Lock	17 11 3	340-77	Fitting - Hydraulic 90°	17 4 1
3296-8	Nut - Lock	1 26 2	340-77	Fitting - Hydraulic 90°	14 23 2
3296-8	Nut - Lock	4 33 1	340-86	Fitting - Hydraulic Tee	17 17 1
3296-9	Nut - Lock	13 21 2	340-89	Fitting - Hydraulic 45°	4 20 2
3296-23	Nut - Lock	14 10 2	340-92	Fitting - Hydraulic Straight	17 13 1
3296-23	Nut - Lock	12 12 1	340-98	Fitting - Hydraulic 90°	14 6 2
3296-23	Nut - Lock	4 25 2	340-98	Fitting - Hydraulic 90°	17 29 1
3296-29	Nut - Hex.	14 12 8	340-132	Fitting - Hydraulic 90°	20 26 2
3296-29	Nut - Lock	26 * A/R	353-550	Plug - Hydraulic	16 39 1
3296-29	Nut - Lock	1 4 6	354-78	Fitting - Hydraulic Straight	16 16 1
3296-29	Nut - Lock	13 4 2	354-120	Fitting - Hydraulic 90°	16 6 1
3296-29	Nut - Lock	12 6 1	354-126	Fitting - Hydraulic 45°	14 34 1

*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 Sand Pro 5000 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. In any correspondence concerning the Sand Pro 5000, 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 Sand Pro 5000.
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.

TABLE OF CONTENTS

Description	Page	Description	Page
Body Assembly	1-2	Rear Wheel & Lift Assembly	20
Air Cleaner Assembly No. 46-6890	3	Left Rear Hydraulic Motor Assembly	
Front Wheel Assembly	4	No. 75-9831	21
Front Hydraulic Drive Motor No. 75-9830	5	Right Rear Hydraulic Motor Assembly	
Steering Assembly	6	No. 75-9840	22
Seat Assembly	7	Hydraulic Lift Cylinder Assembly No. 83-7000 ...	23
Control Panel Assembly	8	Rake Mounting Kit Model No. 08814	
Electrical Schematic	9	(Optional)	24
Fuel Tank & Battery Assembly	10	Tooth Rake Kit Model No. 08812 (Optional) ..	25-26
Engine & Muffler Assembly	11	Weeder Kit Model No. 08815 (Optional)	27
Traction Pedal Assembly	12	Cultivator Kit Model No. 08818 (Optional)	28
Pump Control Lever Assembly	13	Spring Rake Kit Model No. 08813 (Optional)	29
Hydraulic Pump Installation Assembly	14	Rake Assembly Model No. 08811 (Optional)	30
Hydraulic Pump Assembly No. 85-8240	15	Prong Rake Kit No. 42-3960 (Optional)	31
Hydraulic Reservoir Assembly	16	Engine Briggs & Stratton	
Hydraulic Manifold Assembly	17	Model 303447-0446-01	32-41
Control Valve Assembly No. 43-1950	18	TORO Part Number Index	42-46
Hydraulic Schematic	19		

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