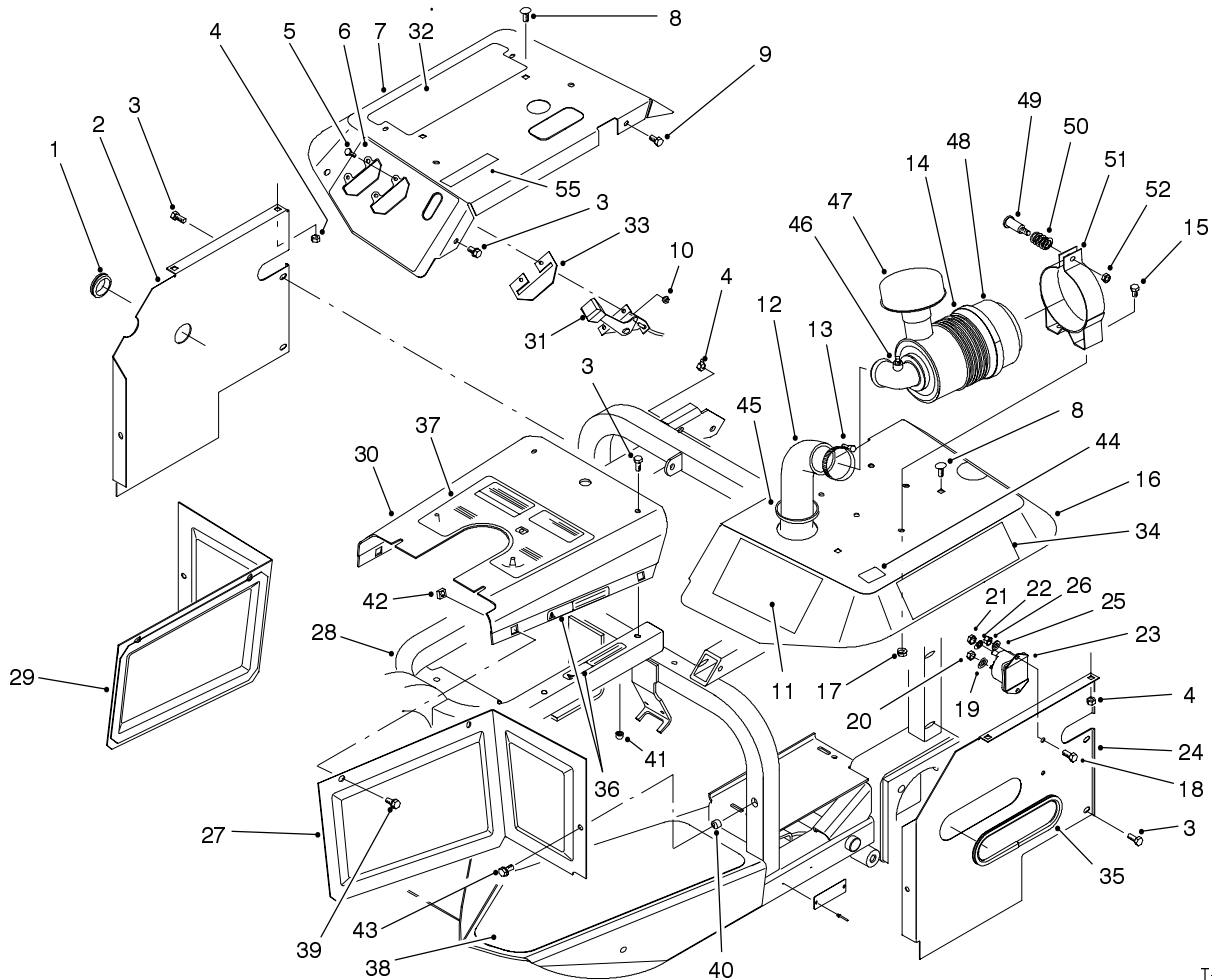




MODEL NO. 08881-70400 & UP
MODEL NO. 08881TE-70200 & UP

PARTS
CATALOG

SAND PRO® 5000

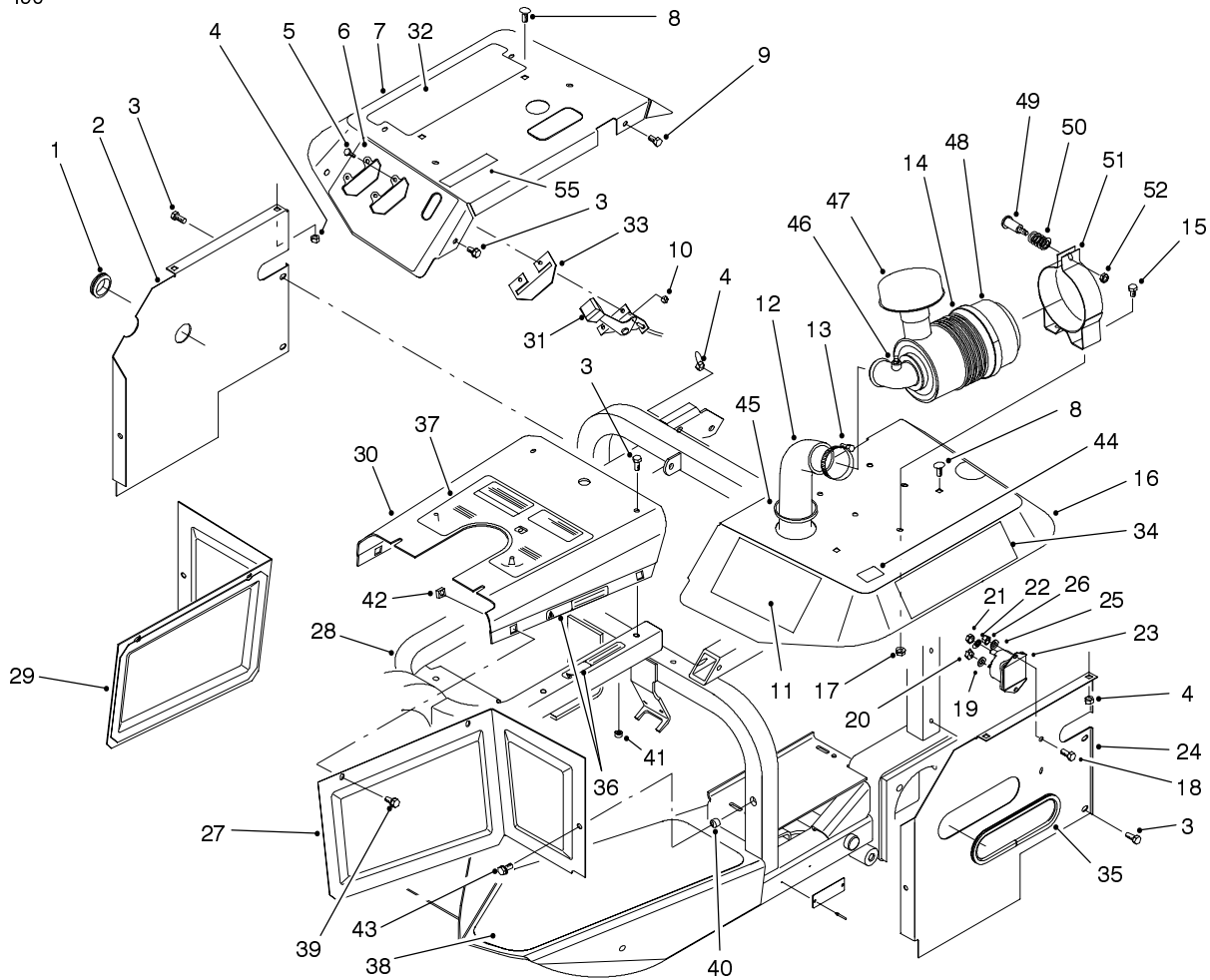


T-1472-2

BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	240-3	Grommet	1
2	98-0902	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
6	93-9055	Decal - Control (Europe)	1
6	92-1855	Decal - Control (Japanese)	1
7	98-0904	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
11	93-9053	Decal - Warning (Europe)	1
11	92-1865	Decal - Warning (Japanese)	1
12	92-8977	Hose - Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
13	2412-130	Clamp - Hose	2
14	93-2190	Air Cleaner Assembly (Incl. Ref. #46, 48 & 53-54)	1
15	322-1	Screw - Cap Hex. Hd.	2
16	94-6044	Fender Assembly L.H. (Incl. Ref. #11)	1
17	32128-20	Nut - Flange Lock	2
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	98-0903	Panel - Rear L.H.	1
25	3256-22	Washer - Flat	2
26	3296-8	Nut - Lock	2



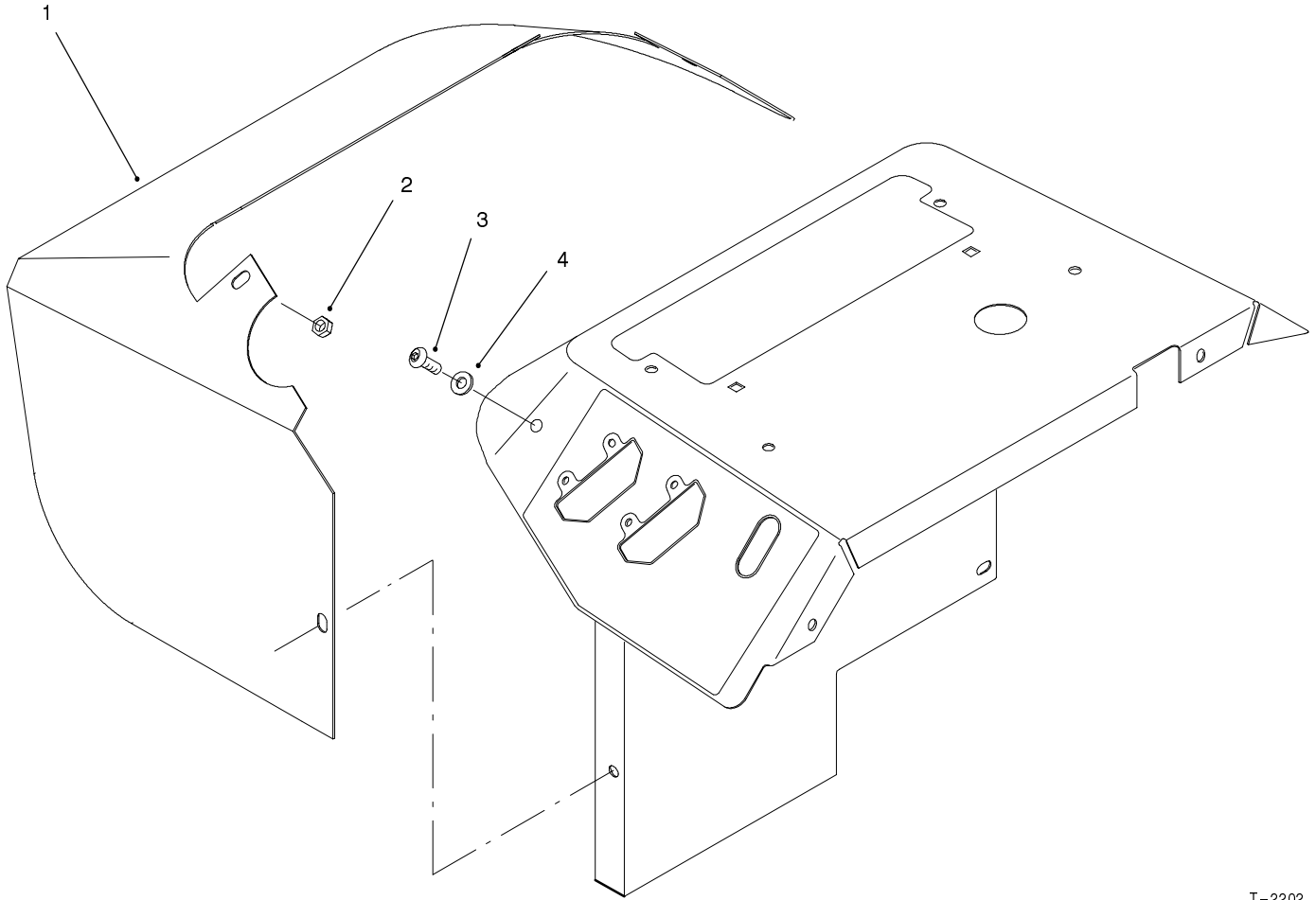
T-1472-2

BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
27	85-9680	Panel - Front L.H.	1
28	85-7600	Frame Assembly (Incl. Ref. #41)	1
29	85-8490	Panel - Front R.H.	1
30	88-8130	Top Panel Assembly (Incl. Ref. #36, 37 & 42)	1
31	85-9310	Control - Throttle & Choke	2
32	80-2150	Pad - Litterbox	1
33	85-9190	Plate - Control	1
34	85-8800	Decal - Sand Pro 5000	2
*	88-8490	Decal - Infield Pro 5000	2
35	88-8340	Trim - Panel	1
36	85-8880	Decal - Danger	3
36	93-9052	Decal - Danger (Europe)	3
36	92-1875	Decal - Danger (Japanese)	3
37	95-5829	Decal - Operating	1
37	93-9050	Decal - Operating (Europe)	1
37	92-1850	Decal - Operating (Japanese)	1
38	85-8790	Tread - Floor L.H.	1

Ref. No.	Part No.	Description	No. Used
*	85-8780	Tread - Floor R.H.	1
39	3234-7	Screw - Hex. Flange Hd.	4
40	32148-8	Nut - Clinch	2
41	32148-11	Nut - Clinch	3
42	3290-496	Nut - Retaining	4
43	3234-29	Screw - Hex. Flange Hd.	2
44	93-7252	Decal - CE Mark (Europe)	1
45	237-164	Grommet - Rubber	1
46	285-17	Plug	1
47	46-7510	Hood - Air Inlet	1
48	94-3652	Cover Assembly	1
49	94-3653	Bolt	1
50	94-3654	Spring - Compression	1
51	93-2191	Mounting Band Assembly (Incl. Ref. #49, 50 & 52)	1
52	48-9510	Nut - Lock	1
*53	94-1414	Valve	1
*54	93-2195	Element - Air Cleaner	1
55	93-7442	Decal - Parking Lever	1

*Not Illustrated



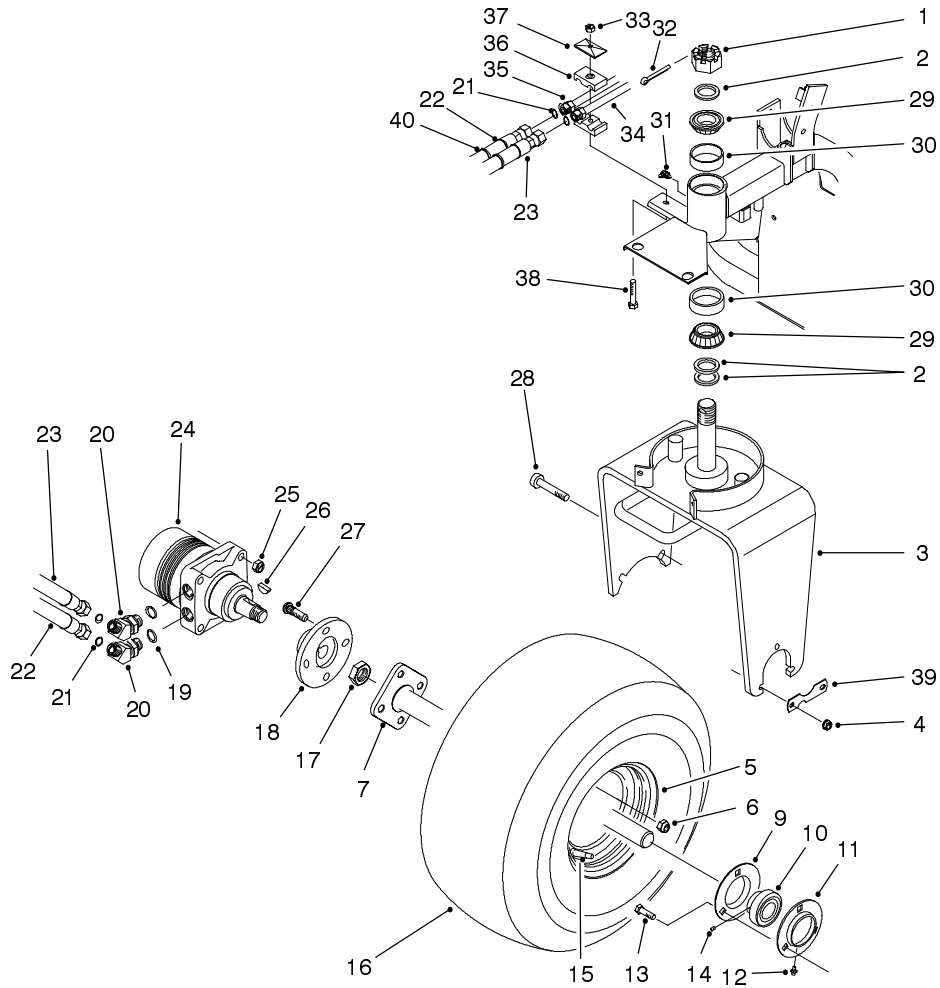
T-2202

FENDER EXTENSION ASSEMBLY (EUROPE)

Ref. No.	Part No.	Description	No. Used
1	94-1890	Fender Extension - R.H.	1
*	94-1889	Fender Extension - L.H.	1
2	3296-29	Nut - Lock	8

Ref. No.	Part No.	Description	No. Used
3	3274-55	Screw - Hex. Socket Hd.	8
4	3256-70	Washer - Flat	16

*Not Illustrated

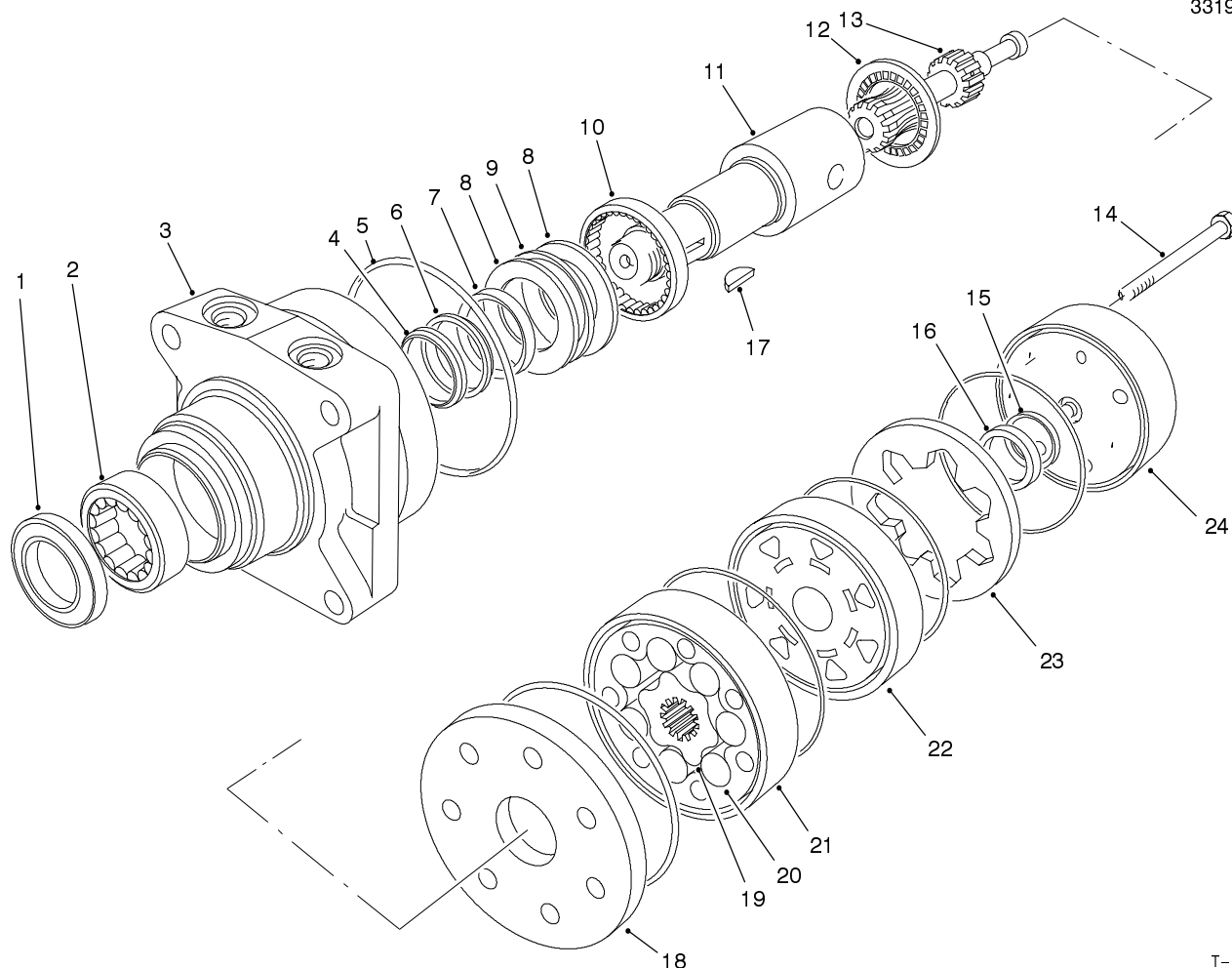


T-1468

FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32136-9	Nut - Slotted	1
2	18-6320	Washer	3
3	95-5830	Fork - Steering	1
4	3296-39	Nut - Lock	3
5	94-6116	Rim	1
6	242-50	Nut - Lug	4
7	92-8969	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	93-6838	Hub	1
19	237-80	Seal - O-Ring	2
20	340-89	Fitting - Hydraulic 45° (Incl. Ref. #19 & 21)	2
21	237-30	Seal - O-Ring	4

Ref. No.	Part No.	Description	No. Used
22	85-9640	Hose - Hydraulic	1
23	85-9630	Hose - Hydraulic	1
24	75-9830	Hydraulic Motor Assembly (Incl. Ref. #26)	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
40	3290-378	Tie - Cable	2

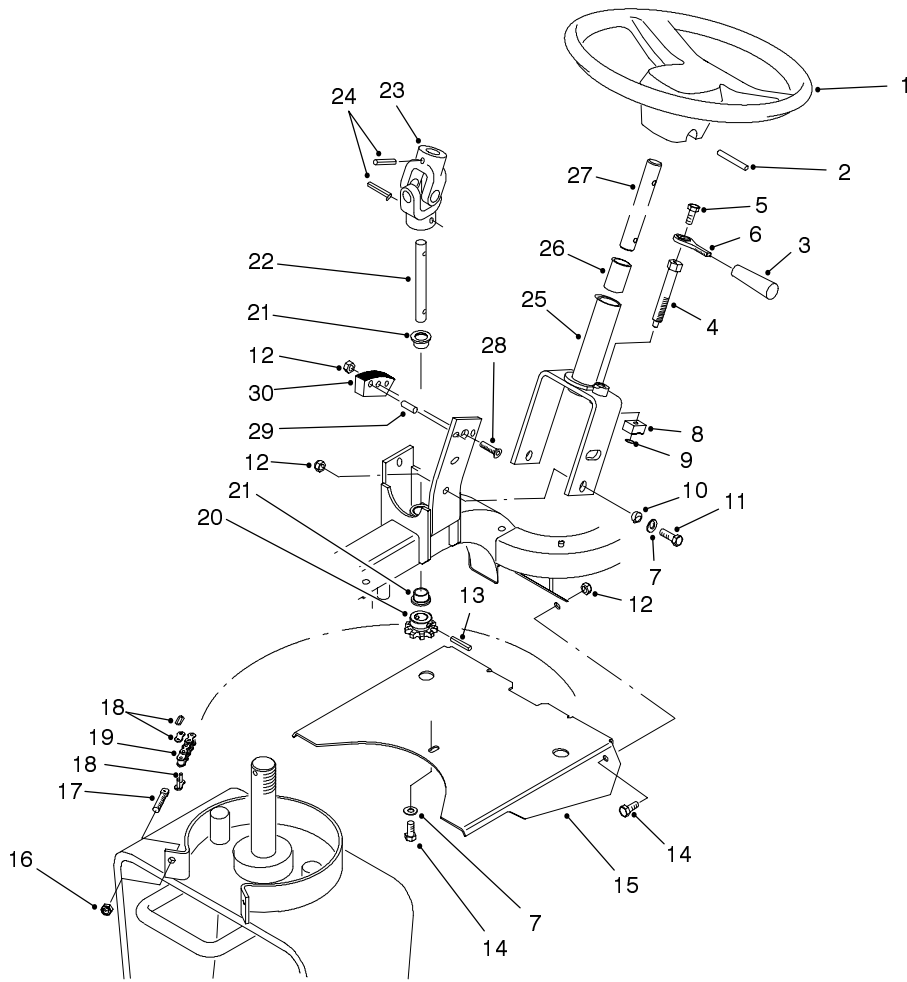


T-0983-2

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	*	94-8178	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

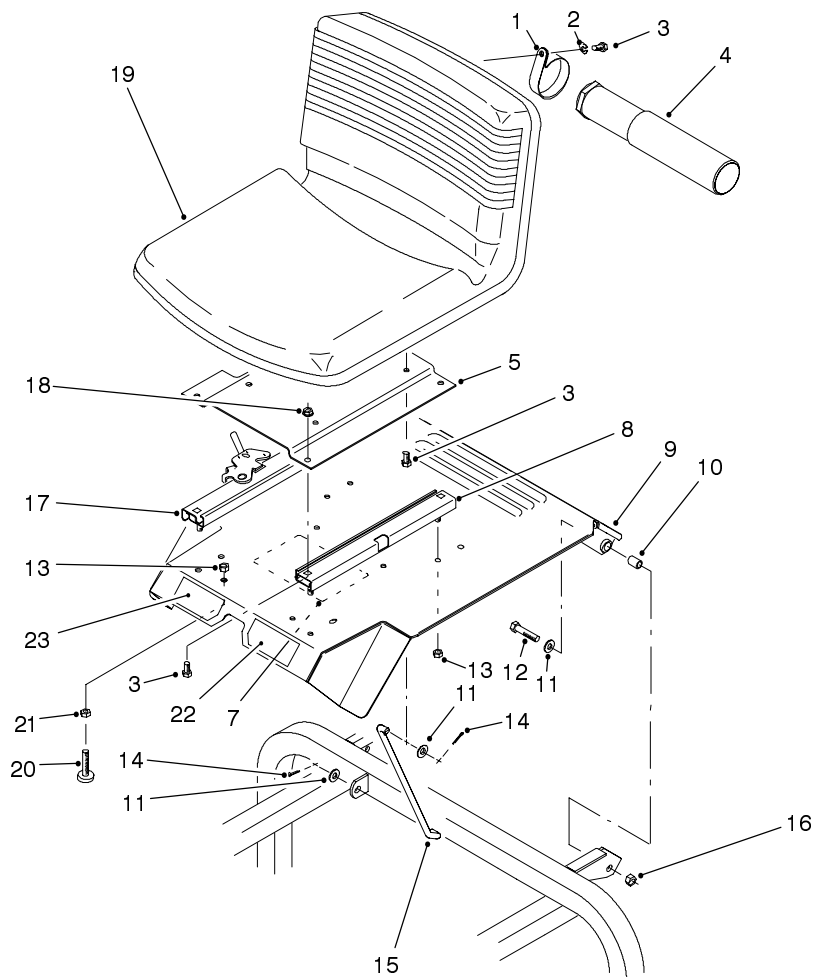


T-1471-2

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	94-4514	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	94-4513	Ring - Retaining	1
10	85-9120	Spacer	3
11	322-5	Screw - Cap Hex. Hd.	3
12	3296-29	Nut - Lock	6
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

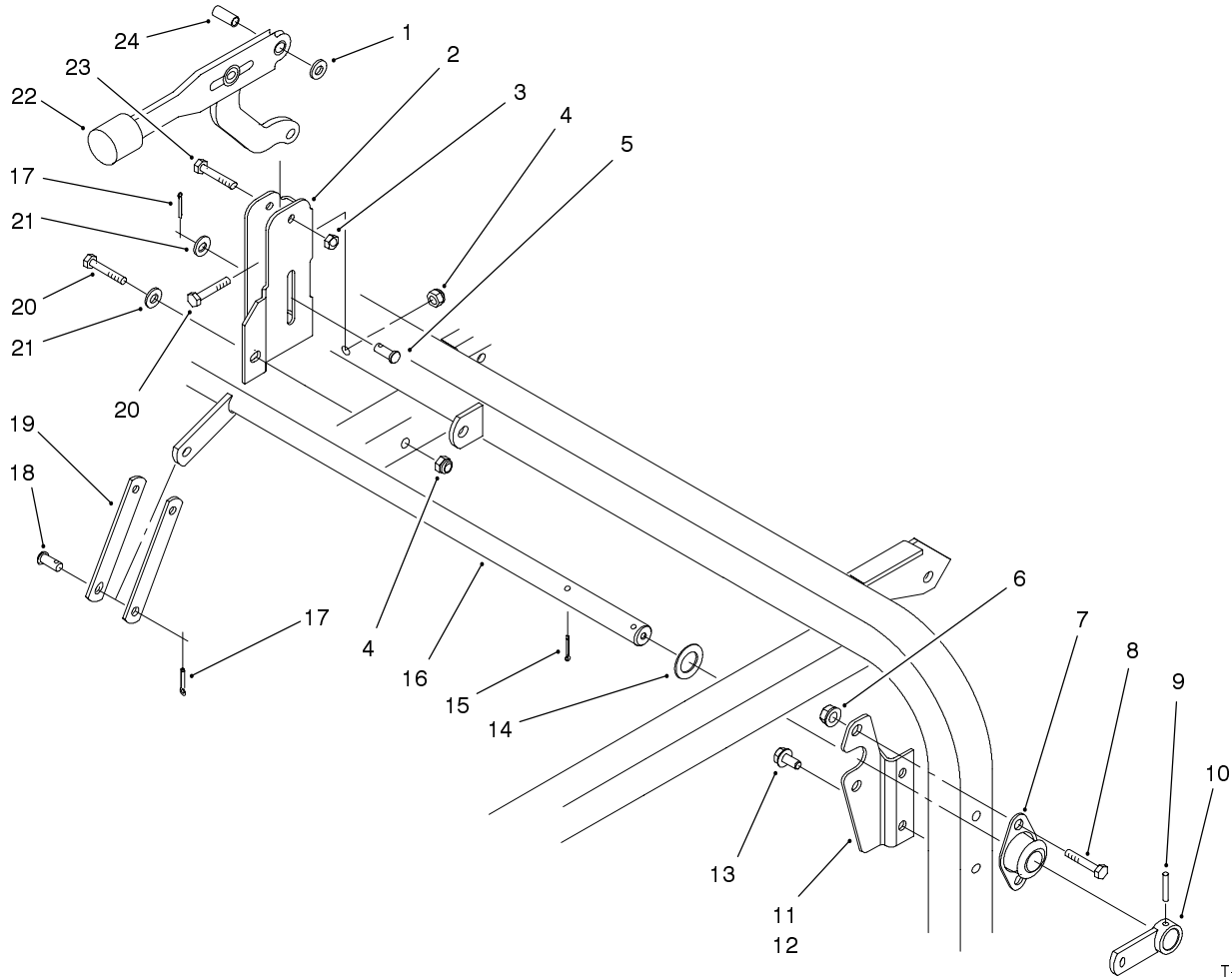
Ref. No.	Part No.	Description	No. Used
17	18-6380	Bolt - Adjustment	2
18	2710-11	Link - Connecting	2
19	85-8030	Chain	1
20	85-9180	Sprocket	1
21	65-8770	Bushing - Flange	2
22	85-9210	Shaft - Steering Lower	1
23	85-9200	Joint - Universal	1
24	32121-15	Pin - Roll	2
25	88-8290	Steering Column Assembly (Incl. 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	88-8510	Dowel	2
30	88-8520	Block - Lock Lower	1



T-1470-2

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-133	Clamp - R	2	7	92-1870	Decal - Service (Japanese)	1
2	3253-4	Washer - Lock	2	8	51-0780	Slide - Seat Adjust	1
3	322-2	Screw - Cap Hex. Hd.	10	9	85-9230	Support - Seat	1
4	74-0720	Tube - Manual	1	10	85-0290	Spacer - Seat Support	2
5	85-9660	Plate - Seat	1	11	3256-24	Washer - Flat	4
7	95-0639	Decal - Service	1	12	323-9	Screw - Cap Hex. Hd.	2
7	93-9057	Decal - Service (Danish)	1	13	3296-29	Nut - Lock	6
7	93-9058	Decal - Service (Dutch)	1	14	3274-4	Pin - Cotter	2
7	93-9059	Decal - Service (Finnish)	1	15	85-9320	Rod - Seat Prop	1
7	93-9060	Decal - Service (Italian)	1	16	3296-39	Nut - Lock	2
7	93-9061	Decal - Service (Norwegian)	1	17	51-0790	Slide - Seat Adjust	1
7	93-9062	Decal - Service (Portuguese)	1	18	32128-20	Nut - Flange Lock	4
7	92-1871	Decal - Service (French)	1	19	92-8976	Seat	1
7	92-1872	Decal - Service (Spanish)	1	20	32141-36	Screw - Leveling	2
7	92-1873	Decal - Service (German)	1	21	3218-2	Nut - Jam	2
7	92-1874	Decal - Service (Swedish)	1	22	88-8630	Decal - 2 Wheel Drive	1
				23	92-2335	Decal - 3 Wheel Drive	1

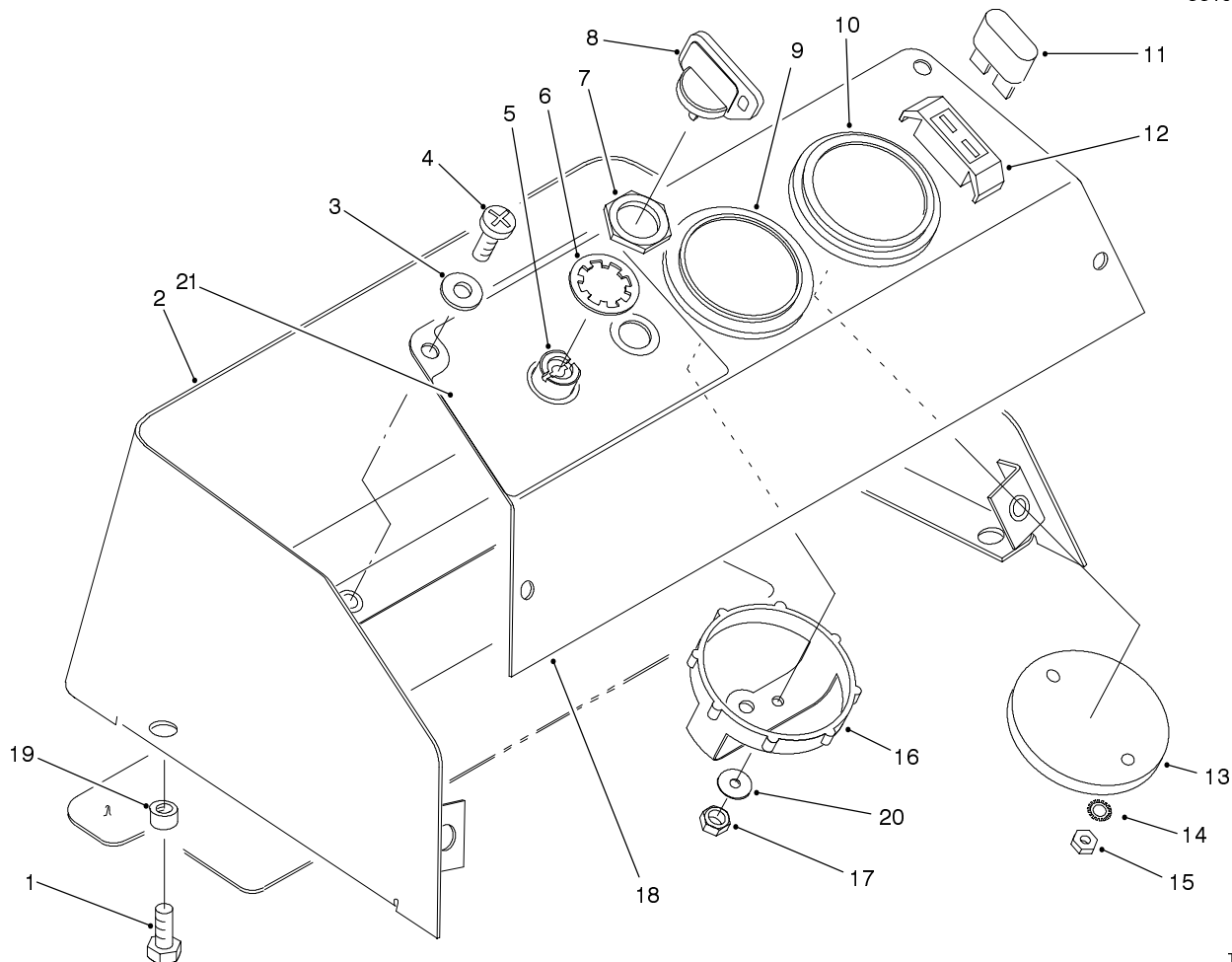


T-2750-1

PARKING BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-477	Washer - Curved	1
2	95-5823	Bracket - Lever	1
3	3296-42	Nut - Hex. Lock	1
4	3296-29	Nut - Hex. Lock	2
5	238-14	Pin - Clevis	1
6	3296-39	Nut - Hex. Lock	4
7	27-2320	Bearing - Side Flange	2
8	3234-1	Screw - Hex. Head Flange	4
9	32121-6	Pin - Roll	2
10	83-9310	Arm - Brake	2
11	98-0900	Bracket - Bearing LH	1
12	98-0901	Bracket - Bearing RH	1

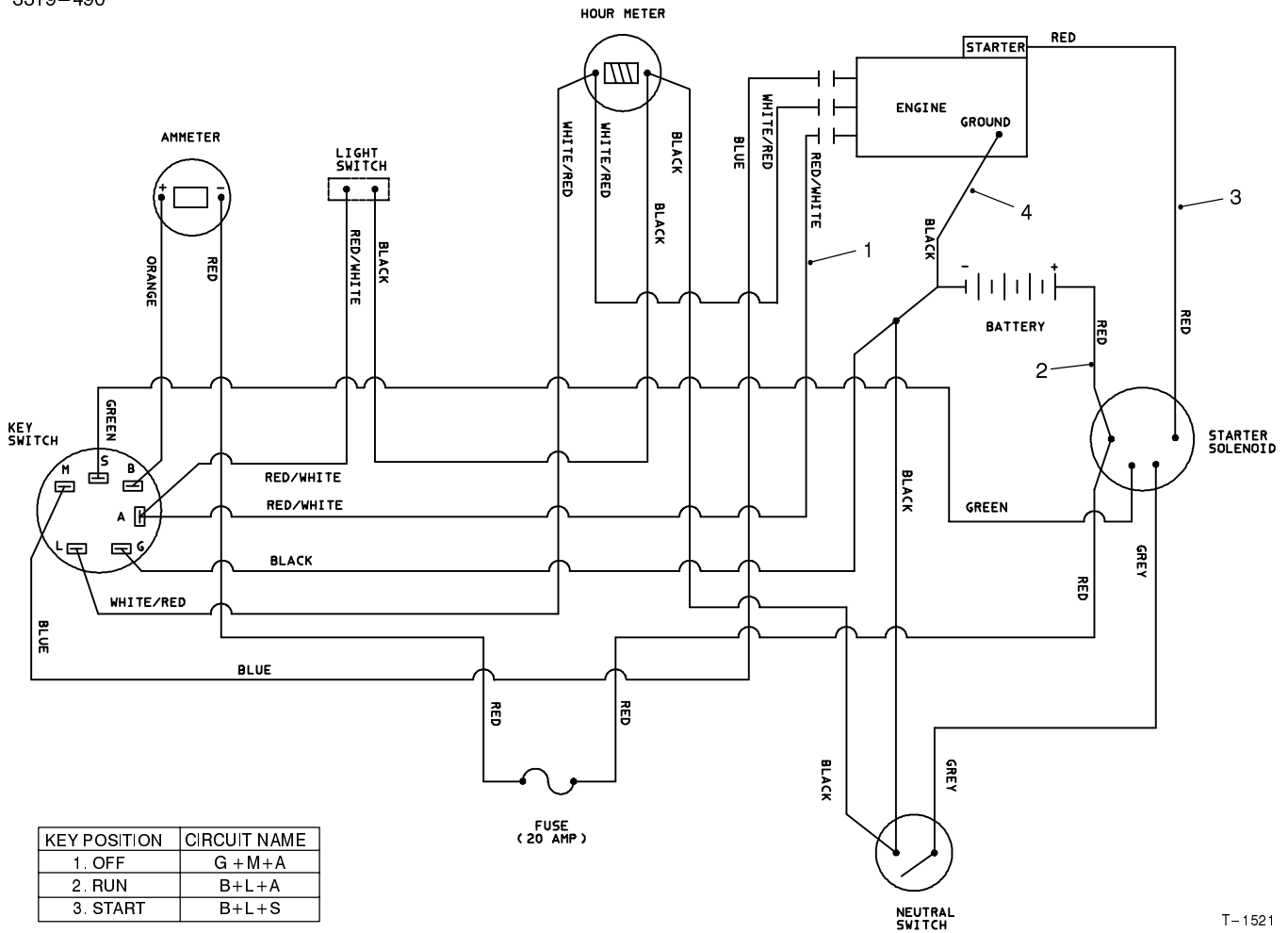
Ref. No.	Part No.	Description	No. Used
13	32144-14	Screw - Hex. Washer Head	4
14	67-9410	Washer - Flat	2
15	3272-12	Pin - Cotter	2
16	95-5848	Rod - Traverse	1
17	3272-10	Pin - Cotter	2
18	283-62	Pin - Clevis	1
19	95-5844	Strap	2
20	322-11	Screw - Hex. Head	2
21	3256-23	Washer - Flat	2
22	87-2710	Lever Assembly	1
23	321-9	Screw - Hex. Head	1
24	87-4710	Spacer - Parking Brake	1



T-1479

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	321-3	Screw - Cap Hex. Hd.	4	13		Clamp - Hour Meter	1
2	85-9070	Console Assembly (Incl. Ref. #19)	1	14	3255-20	Washer - E.T.L.W.	2
3	3256-1	Washer - Flat	4	15	3217-25	Nut - Hex	2
4	3258-166	Screw - Phillips Hd.	4	16	39-9600	Clamp - Ammeter	1
5	83-0020	Ignition Switch Assembly (Incl. Ref. #6-8)	1	17	3219-14	Nut - Hex.	2
6	3254-5	Washer - Lock	1	18	85-8890	Panel - Console	1
7	218-461	Nut - Lock	1	19	32148-6	Nut - Clinch	8
8	63-8360	Key - Ignition	1	20		Washer - Flat	1
9	83-0820	Ammeter Assembly (Incl. Ref. #16-17 & 20)	1	21	85-8830	Decal - Console	1
10	66-2950	Hour Meter Assembly (Incl. Ref. #13-15)	1	21	93-9056	Decal - Console (Europe)	1
11	218-594	Fuse - 20 Amp	2	21	92-1860	Decal - Console (Japanese)	1
12	80-2120	Wire Harness Assembly (Incl. Ref. #11)	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

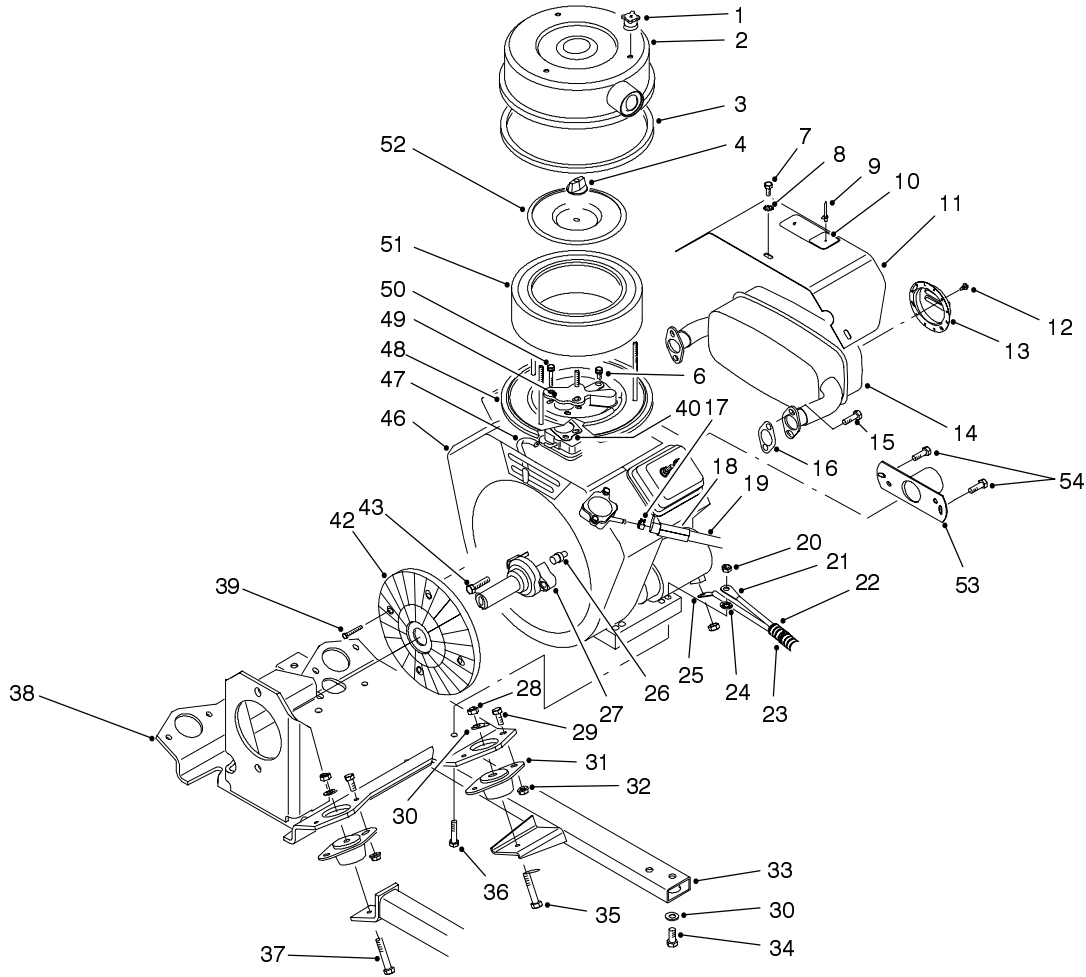


T-1521

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-1474-2

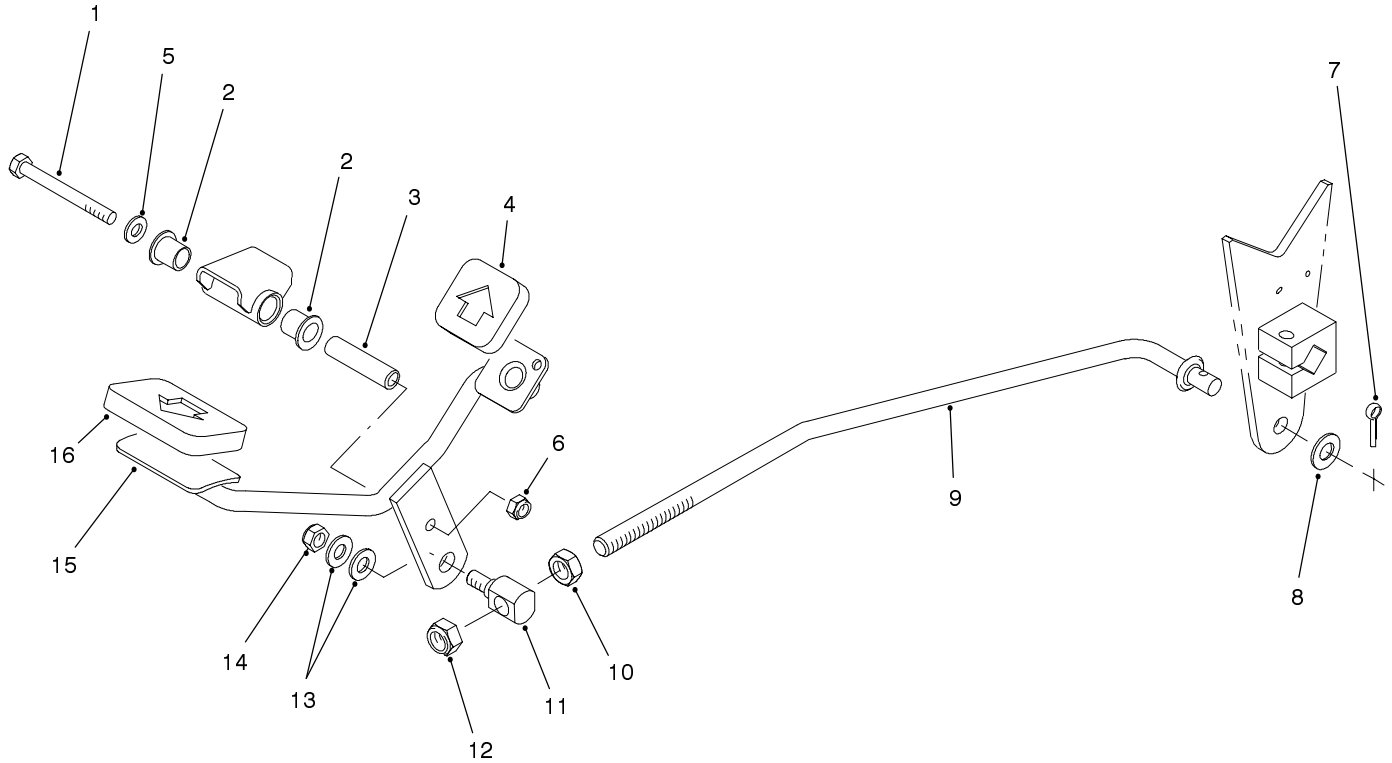
ENGINE & MUFFLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†1	281051	Knob – Air Cleaner	3
2	85-8370	Cover – Air Cleaner	1
3	85-8360	Seal – Cover	1
†4	491875	Knob – Air Cleaner	1
†6	805406	Screw – Hex. Flange Hd.	3
7	48-7620	Screw – Cap Hex. Hd.	3
8	3255-7	Washer – ETLW	3
9	3269-32	Rivet – Pop	2
10	80-8290	Plate – Hot Surface	1
10	95-0645	Decal – Hot (Europe)	1
10	83-6140	Plate – Hot (Japanese)	1
11	95-5827	Muffler Shield Assembly (Incl. Ref. #9 & 10)	1
12	83-2230	Screw	4
13	83-2220	Deflector – Exhaust	1
14	80-2060	Muffler	1
†15	805158	Screw	4
†16	805023	Gasket – Exhaust	2
17	2412-98	Clamp – Hose	1
18	38-3400	Guard – Rubber	1
19	47-2964	Hose – Fuel	1
20	3296-29	Nut – Lock	4
21	88-8330	Cable – Negative	1
22	88-8390	Cover – Cable	1
23	3290-378	Tie – Cable	2
24	3254-2	Washer – ITLW	1
25	83-2420	Cable – Positive	1
†26	805613	Pin – Pilot	1

Ref. No.	Part No.	Description	No. Used
†27	262680	Shaft – Stub	1
28	3296-39	Nut – Lock	4
29	322-4	Screw – Cap Hex. Hd.	8
30	3256-24	Washer – Flat	8
31	83-1031	Mount – Engine	4
32	3296-29	Nut – Lock	8
33	85-8600	Support – Engine	1
34	323-33	Screw – Cap Hex. Hd.	4
35	323-10	Screw – Cap Hex. Hd.	2
36	322-9	Screw – Cap Hex. Hd.	4
37	323-11	Screw – Cap Hex. Hd.	2
38	85-8640	Base – Engine	1
†39	805447	Screw – Cap Hex. Hd.	4
†40	805655	Gasket – Carburetor	1
†42	808034	Screen – Rotating	1
†43	093847	Screw – Cap Hex. Hd.	2
46	85-8000	Engine Assembly	1
47	75-4705	Hose – Fuel	1
48	85-8430	Base – Air Cleaner	1
†49	807797	Shield – Carburetor Inlet	1
†50	805057	Screw – Cap Hex. Hd.	2
†51	394018	Element – Air Cleaner	1
†52	805631	Plate – Element	1
53	95-0632	Cover	1
54	3210-2	Screw – Cap Hex. Hd.	2
*	83-2240	Arrester – Spark (Optional)	1

*Not Illustrated

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

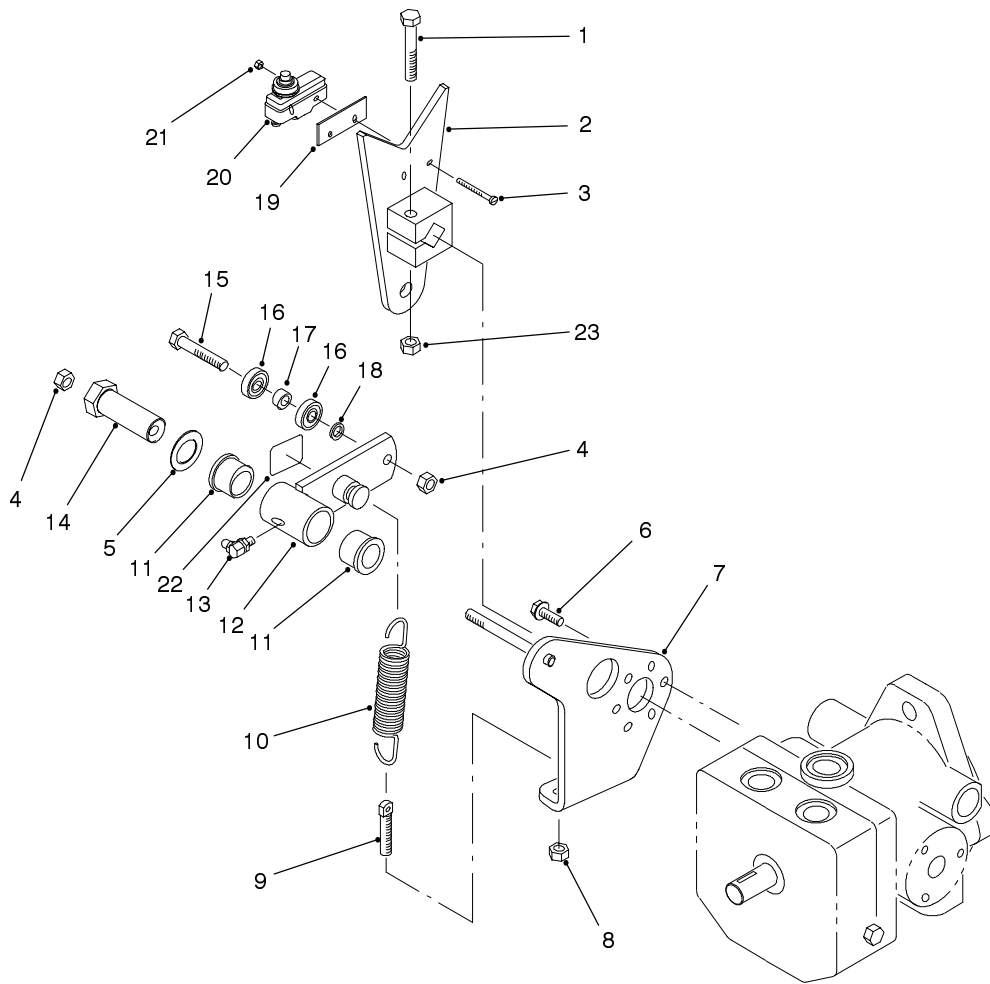


T-1476

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	92-2344	Trunnion	1
12	3296-23	Nut - Lock	1
13	3256-24	Washer - Flat	2
14	3296-39	Nut - Lock	1
15	92-2343	Pedal Assembly	1
16	74-9100	Pad - Forward	1

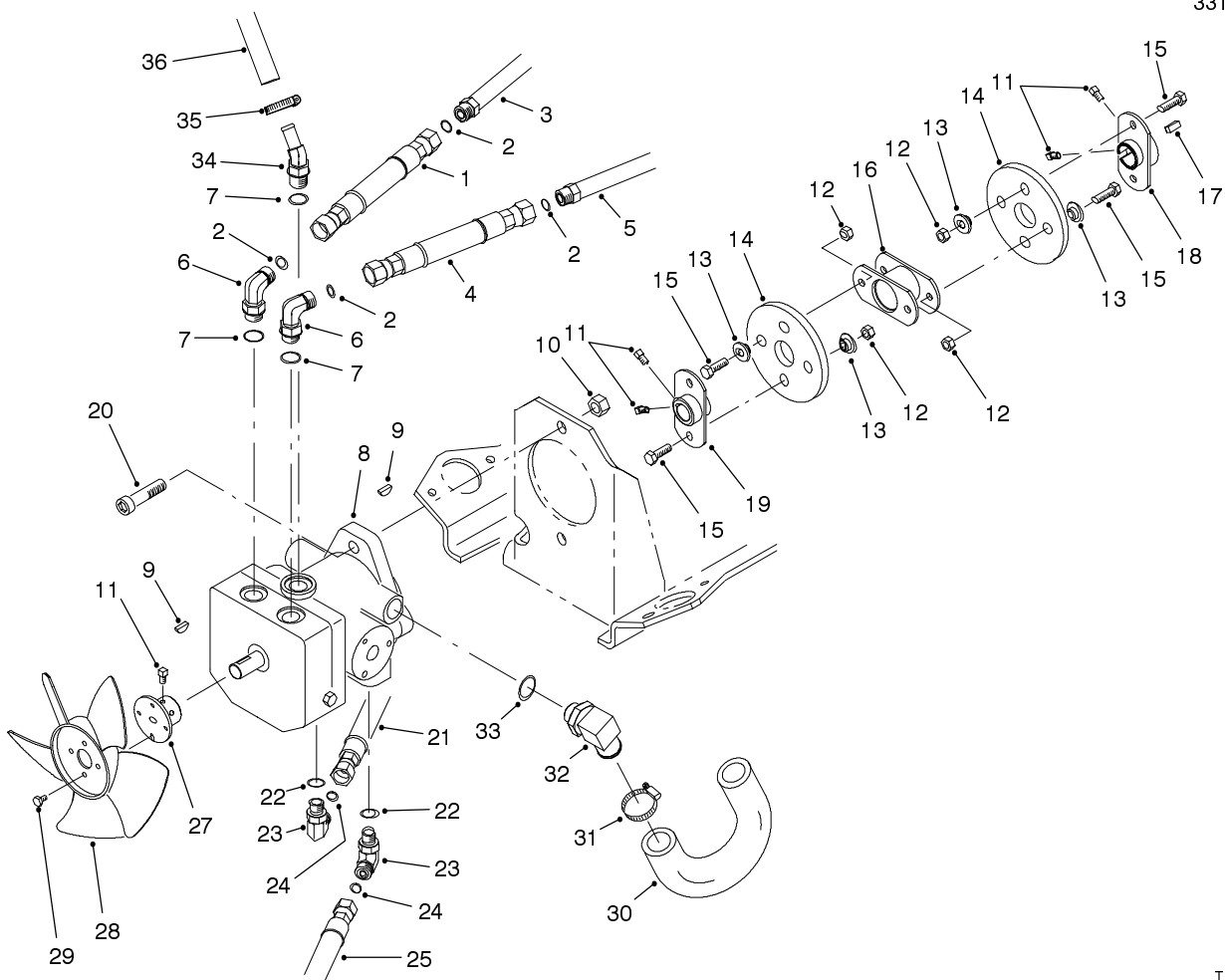


T-1480-3

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	95-0553	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
13	302-60	Fitting - Grease	1

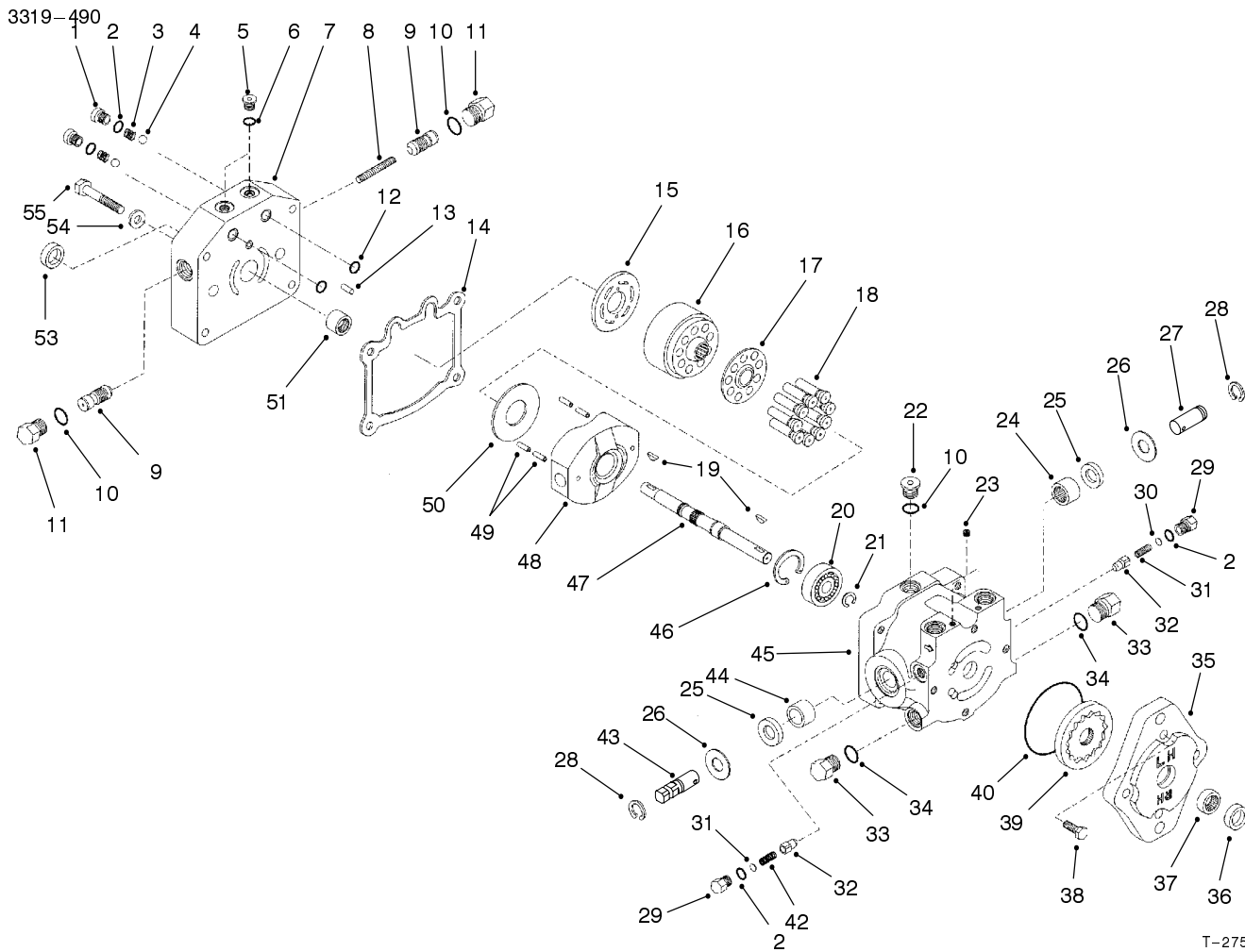
Ref. No.	Part No.	Description	No. Used
14	76-8640	Stud - Traction	1
15	322-8	Screw - Cap Hex. Hd.	1
16	251-307	Bearing	2
17	85-9120	Spacer	1
18	75-5470	Spacer	1
19	85-9150	Plate - Switch	1
20	29-6163	Switch - Neutral	1
21	3296-9	Nut - Lock	2
22	85-8860	Decal - Eccentric Bolt	1
22	93-9051	Decal - Eccentric Bolt (Europe)	1
22	92-1880	Decal - Eccentric Bolt (Japanese)	1
23	3296-39	Nut - Lock	1



T-1475-2

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	85-9620	Hose - Hydraulic	1	18	85-8730	Hub - Engine	1
2	237-30	Seal - O-Ring	4	19	85-8700	Hub - Pump	1
3	92-2348	Hydraulic Tube Assembly (Incl. Ref. #2)	1	20	3274-5	Screw - Hex. Socket Hd.	2
4	85-9610	Hose - Hydraulic	1	21	85-9600	Hose - Hydraulic	1
5	85-9420	Hydraulic Tube Assembly (Incl. Ref. #2)	1	22	237-42	Seal - O-Ring	2
6	340-98	Fitting - Hydraulic 90° (Incl. Ref. #2 & 7)	2	23	340-77	Fitting - Hydraulic 90° (Incl. Ref. #22 & 24)	2
7	237-79	Seal - O-Ring	3	24	237-22	Seal - O-Ring	2
8	95-5842	Hydraulic Pump Assembly (Incl. Ref. #9)	1	25	85-9590	Hose - Hydraulic	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
				36	85-9450	Hose - Hydraulic	1

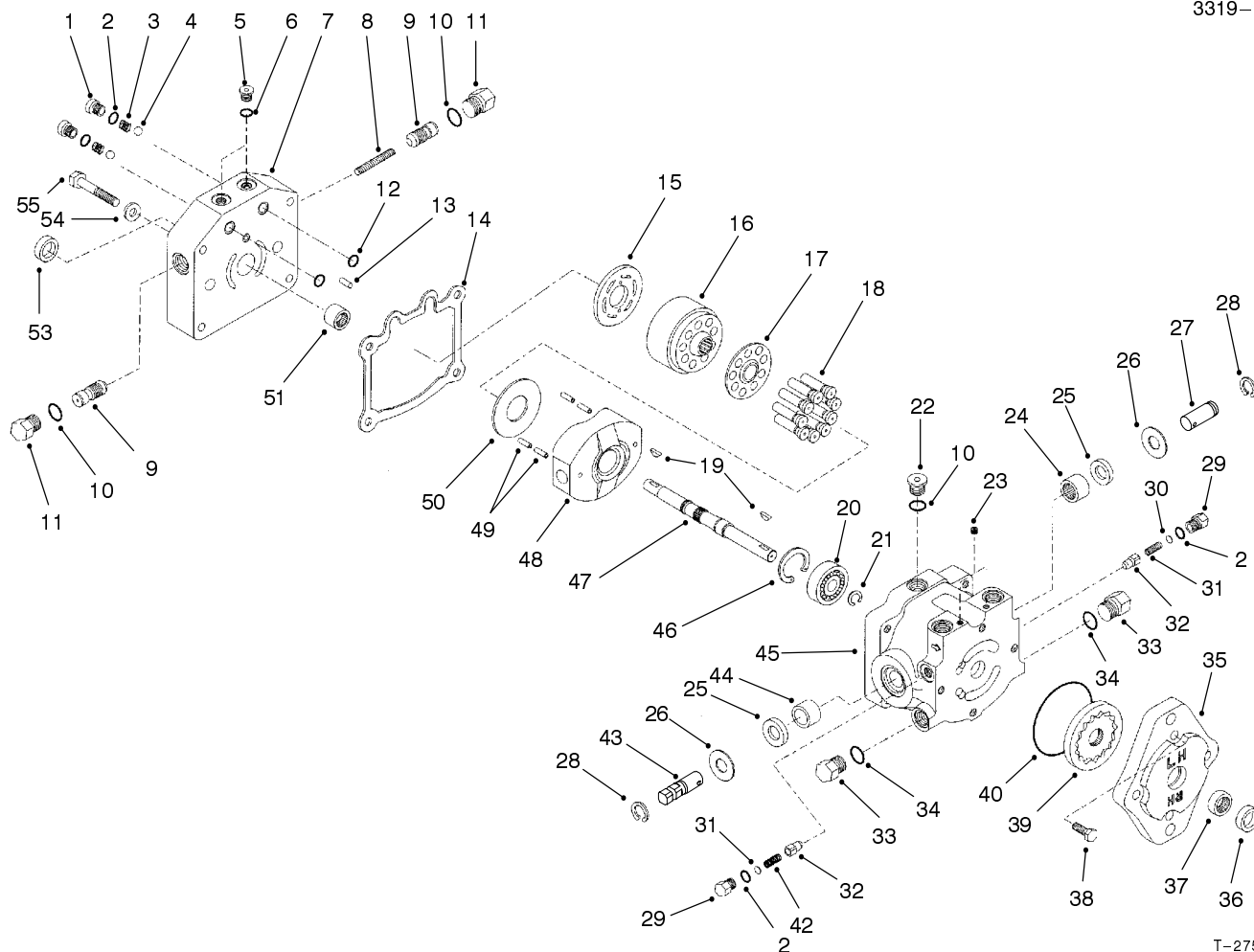


T-2751-1

HYDRAULIC PUMP ASSEMBLY NO. 95-5842

Ref. No.	Part No.	Description	No. Used
1	25-2650	Plug	2
2	237-86	O-Ring	4
3	25-2640	Spring	2
4	25-2490	Ball	2
5	92-8776	Plug (Incl. Ref. #6)	2
6	92-8777	O-Ring	2
7	95-5808	Cap - End	1
8	95-5815	Spring - Valve, Acceleration	1
9	98-0920	Valve - Acceleration	2
10	237-79	O-Ring	3
11	95-5816	Plug (Incl. Ref. #10)	2
12	237-30	O-Ring	2
13	25-2430	Pin	1
14	25-2400	Gasket - Cap, End	1
15	88-8160	Plate - Valve	1
16	25-2600	Kit - Cylinder Block (Incl. Ref. #17-18)	1
17		Retainer - Slipper	1
18		Asm - Piston	9
19	3257-32	Key - Woodruff	2
20	95-5809	Ball Bearing	1
21	95-5813	Ring - Retaining	1
22	353-988	Plug (Incl. Ref. #10)	1

Ref. No.	Part No.	Description	No. Used
23	285-17	Plug - Pipe	2
24	88-8190	Bearing - Journal	1
25	25-3210	Seal - Lip	2
26	25-2510	Washer	2
27	88-8180	Shaft - Trunnion	1
28	32151-46	Ring - Retaining	2
29	25-2460	Plug (Incl. Ref. #2)	2
30	25-2470	Kit - Shim	2
31	25-2570	Spring	1
32	83-7260	Cone - Charge Relief	2
33	88-8210	Plug (Incl. Ref. #34)	2
34	237-80	O-Ring	2
35	25-2690	Housing - Pump, Charge	1
36	67-8060	Seal - Lip	1
37	67-8050	Bearing - Needle	1
38	322-4	Screw - HH	4
39	95-5812	Asm - Gerotor	1
40	237-95	O-Ring	1
42	25-2480	Spring	1
43	25-2500	Shaft - Trunnion	1
44	252-82	Bearing - Needle	1
45	88-8170	Asm - Housing, Variable (Incl. Ref. #24, 25, & 44)	1
46	32120-11	Ring - Retaining	1



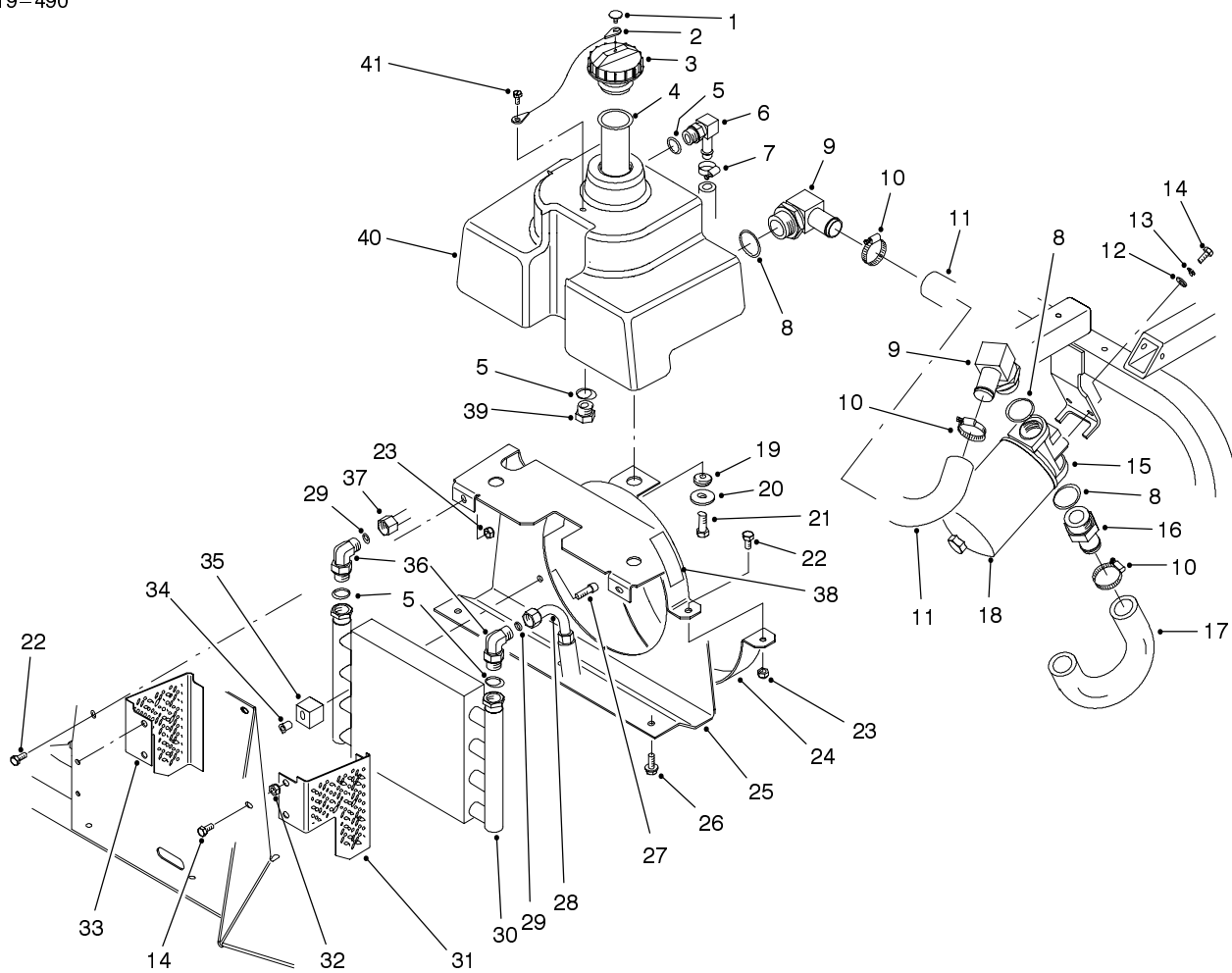
T-2751-1

HYDRAULIC PUMP ASSEMBLY NO. 95-5842 (Continued)

Ref. No.	Part No.	Description	No. Used
47	95-5810	Shaft	1
48	25-2450	Swashplate	1
49	32121-91	Pin - Spring	4
50	25-2380	Plate - Thrust	1
51	46-8400	Bearing - Roller	1
53	88-8230	Seal - Lip	1
54		Washer	1

Ref. No.	Part No.	Description	No. Used
55	323-45	Screw - HH	4
*	25-3180	Kit-Valve, Check (Incl. Ref. #1-4)	1
*	49-8520	Kit-Implement Relief (Incl. Ref. #2 & 29-32)	1
*	49-8510	Kit-Relief, Charge (Incl. Ref. #2, 29-30 & 41-42)	1

*Not Illustrated

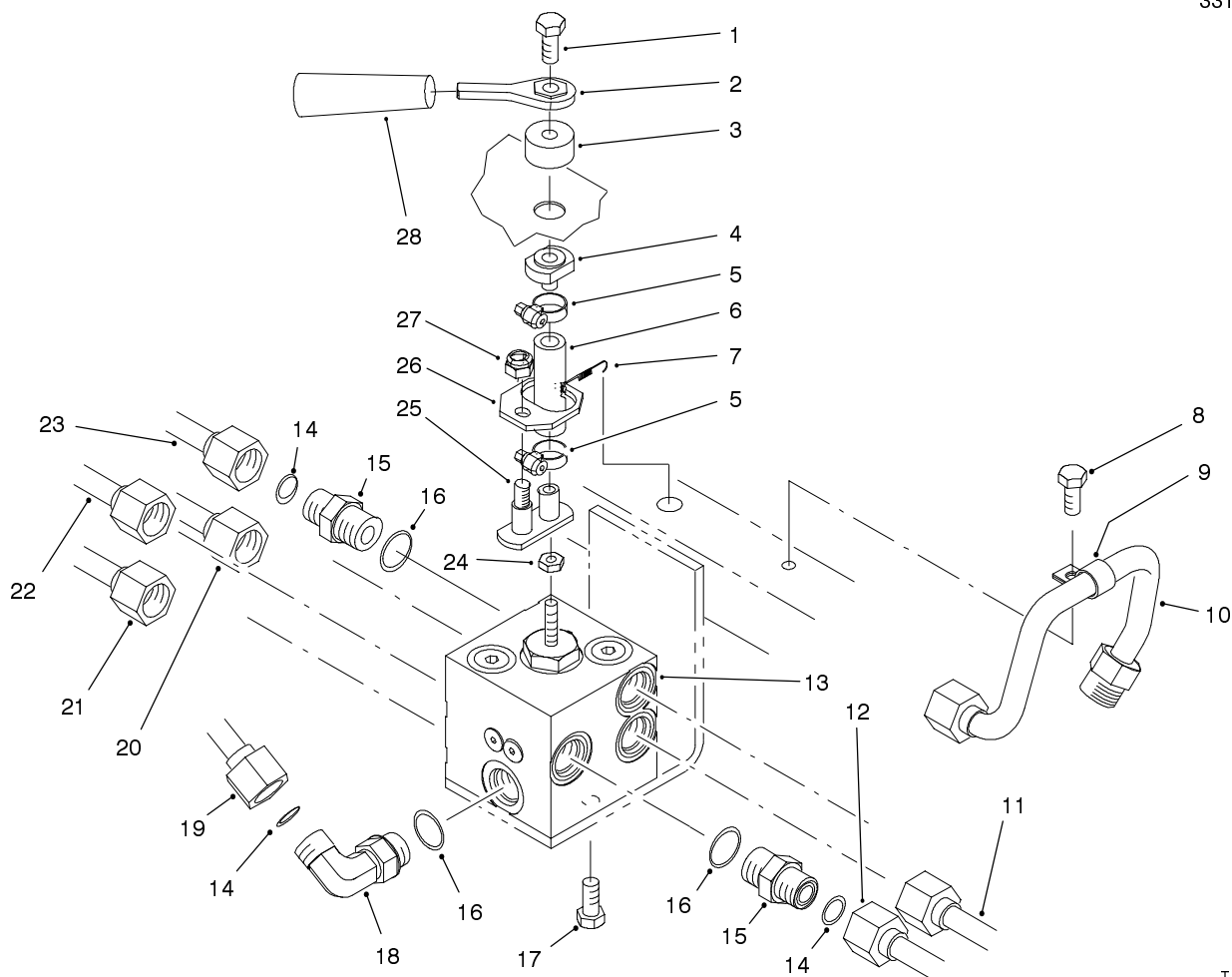


T-1473

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2410-73	Retainer - Teather	1
2	75-0540	Teather	1
3	93-4365	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	3256-4	Washer - Flat	3
21	323-5	Screw - Cap Hex. Hd.	3
22	322-2	Screw - Cap Hex. Hd.	4

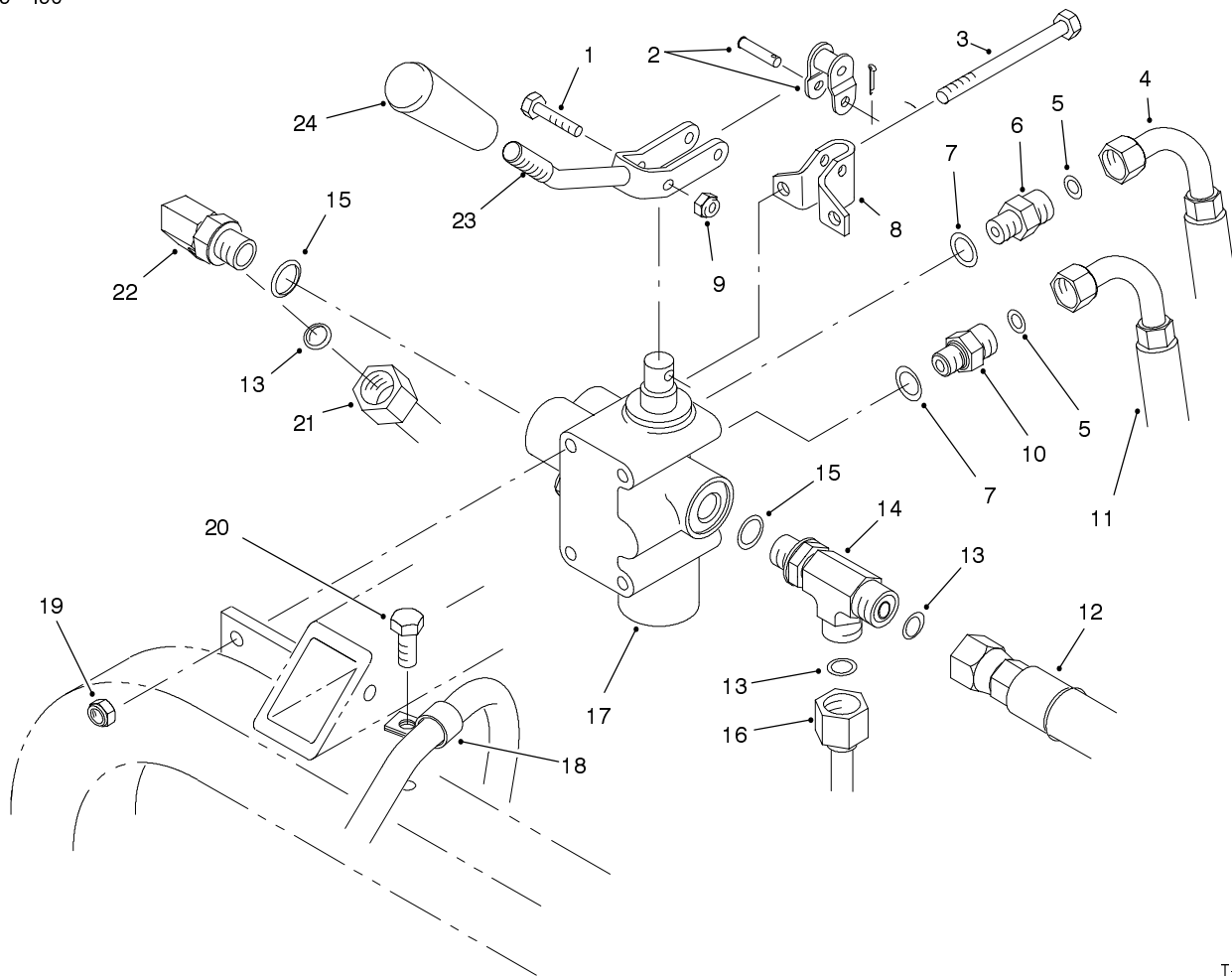
Ref. No.	Part No.	Description	No. Used
23	3296-29	Nut - Lock	4
24	85-8570	Shroud - Lower	1
25	14-7579	Cooler Mount Assembly (Incl. Ref. #38)	1
26	32144-11	Screw - Thread Forming	3
27	3274-86	Screw - Hex. Socket Hd.	2
28	85-9590	Hose - Hydraulic	1
29	237-22	Seal - O-Ring	2
30	85-9460	Cooler - Oil	1
31	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	92-2349	Tube - Hydraulic	1
38	77-3100	Decal - Caution	2
38	93-7272	Decal - Caution (Europe)	2
38	84-6760	Decal - Caution (Japanese)	2
39	353-550	Plug - Hydraulic (Incl. Ref. #5)	1
40	92-8959	Reservoir - Hydraulic	1
41	57-5420	Screw - Shoulder	1



T-1477-2

HYDRAULIC MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-16	Screw - HH	1	16	237-30	Seal-O-Ring	8
2	88-8280	Lever - Steering Adjust	1	17	322-3	Screw - Cap Hex. Hd.	2
3	92-2327	Spacer - Lever	1	18	340-98	Fitting - Hydraulic 90° (Incl. Ref. #14 & 16)	1
4	92-2328	Spacer - Hose	1	19	85-9360	Tube - Hydraulic	1
5	2412-108	Clamp - Worm	2	20	85-9410	Tube - Hydraulic	1
6	92-2329	Hose - Stem	1	21	85-9400	Tube - Hydraulic	1
7	92-2331	Spring - Extension	1	22	92-2348	Tube - Hydraulic	1
8	32144-11	Screw - Thread Forming	2	23	85-9370	Tube - Hydraulic	1
9	2412-138	Clamp - R	2	24	3217-5	Nut	1
10	85-9420	Tube - Hydraulic	1	25	92-2338	Pivot Assembly	1
11	85-9390	Tube - Hydraulic	1	26	92-2332	Plate - Spring	1
12	85-7760	Tube - Hydraulic	1	27	3296-29	Nut - Lock	1
13	95-5841	Hydraulic Manifold Assembly	1	28	233-39	Handle	1
14	237-79	Seal-O-Ring	8				
15	340-4	Fitting - Hydraulic Straight (Incl. Ref. #14 & 16)	7				

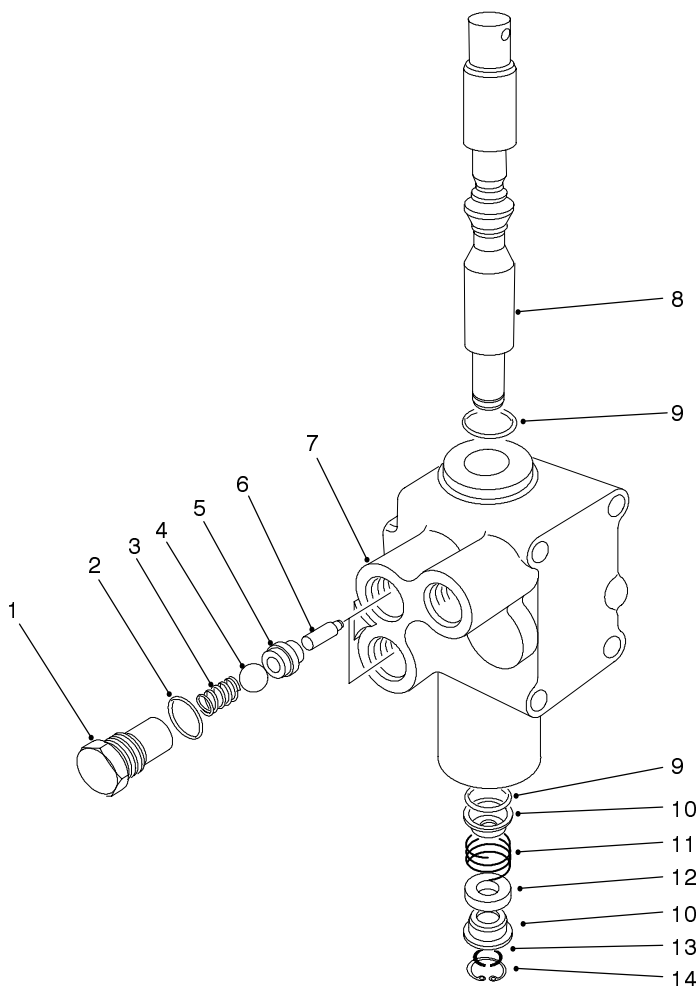


T-2749-1

HYDRAULIC CONTROL VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-360	Screw - Cap Hex. Hd.	2
2	2710-20	Link - Offset	1
3	321-23	Screw - Cap Hex. Hd.	3
4	85-9580	Hose - Hydraulic	1
5	237-21	Seal-O-Ring	2
6	85-9720	Fitting - Hydraulic Orificed (Incl. Ref. #5 & 7)	1
7	237-78	Seal-O-Ring	2
8	88-8480	Bracket - Pivot	1
9	3296-2	Nut - Lock	2
10	340-92	Fitting - Hydraulic Straight (Incl. Ref. #5 & 7)	1
11	85-9570	Hose - Hydraulic	1
12	85-9600	Hose - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
13	237-22	Seal-O-Ring	3
14	340-86	Fitting - Hydraulic Tee (Incl. Ref. #13 & 15)	1
15	237-42	Seal-O-Ring	2
16	85-0380	Tube - Hydraulic	1
17	43-1950	Lift Valve Assembly	1
18	2412-138	Clamp - R	1
19	3296-8	Nut - Lock	3
20	32144-11	Screw - Thread Forming	1
21	92-2349	Tube - Hydraulic	1
22	340-77	Fitting - Hydraulic 90° (Incl. Ref. #13 & 15)	1
23	85-8900	Lever - Lift Valve	1
24	233-39	Handle	1



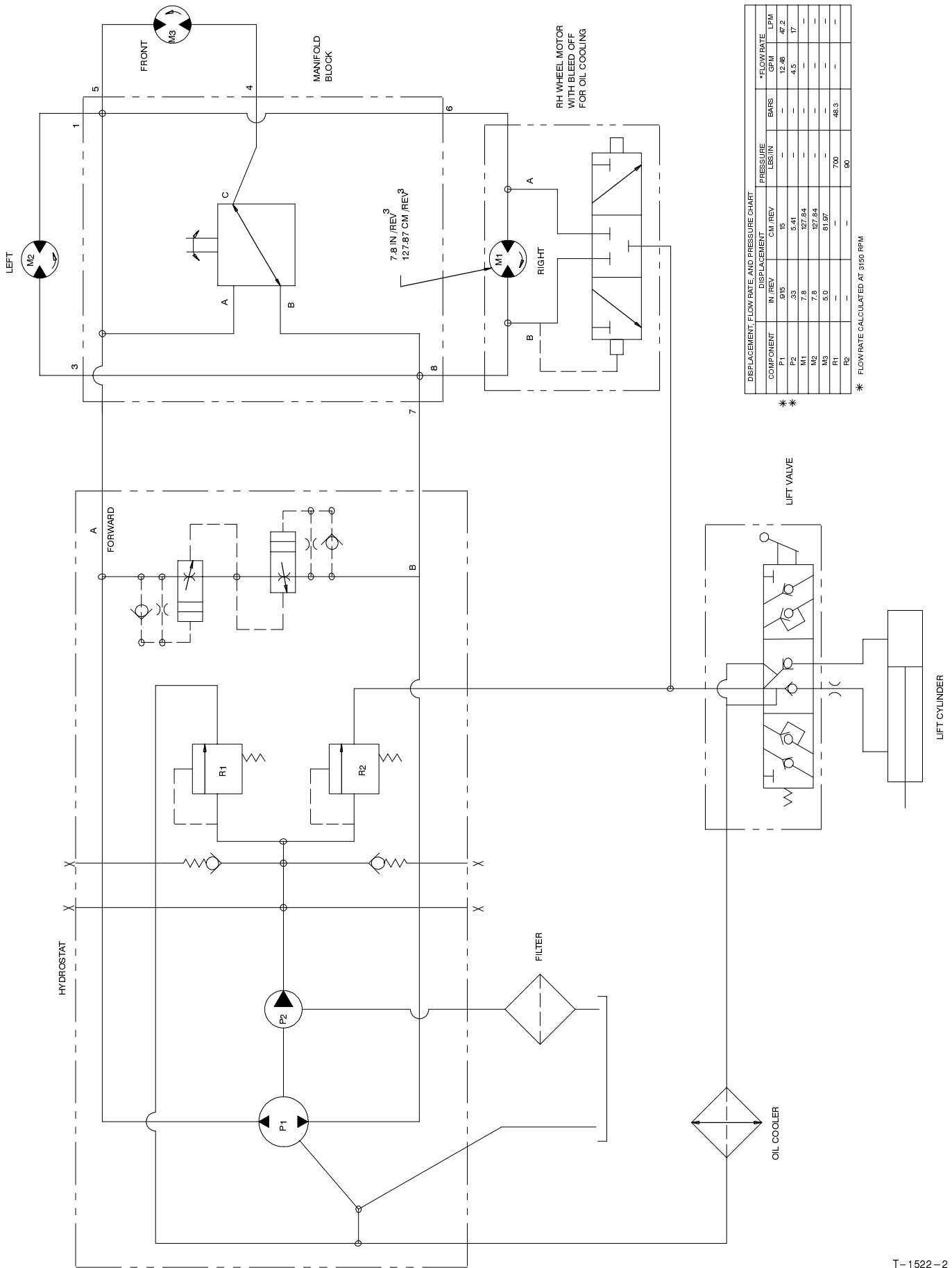
T-0280-3

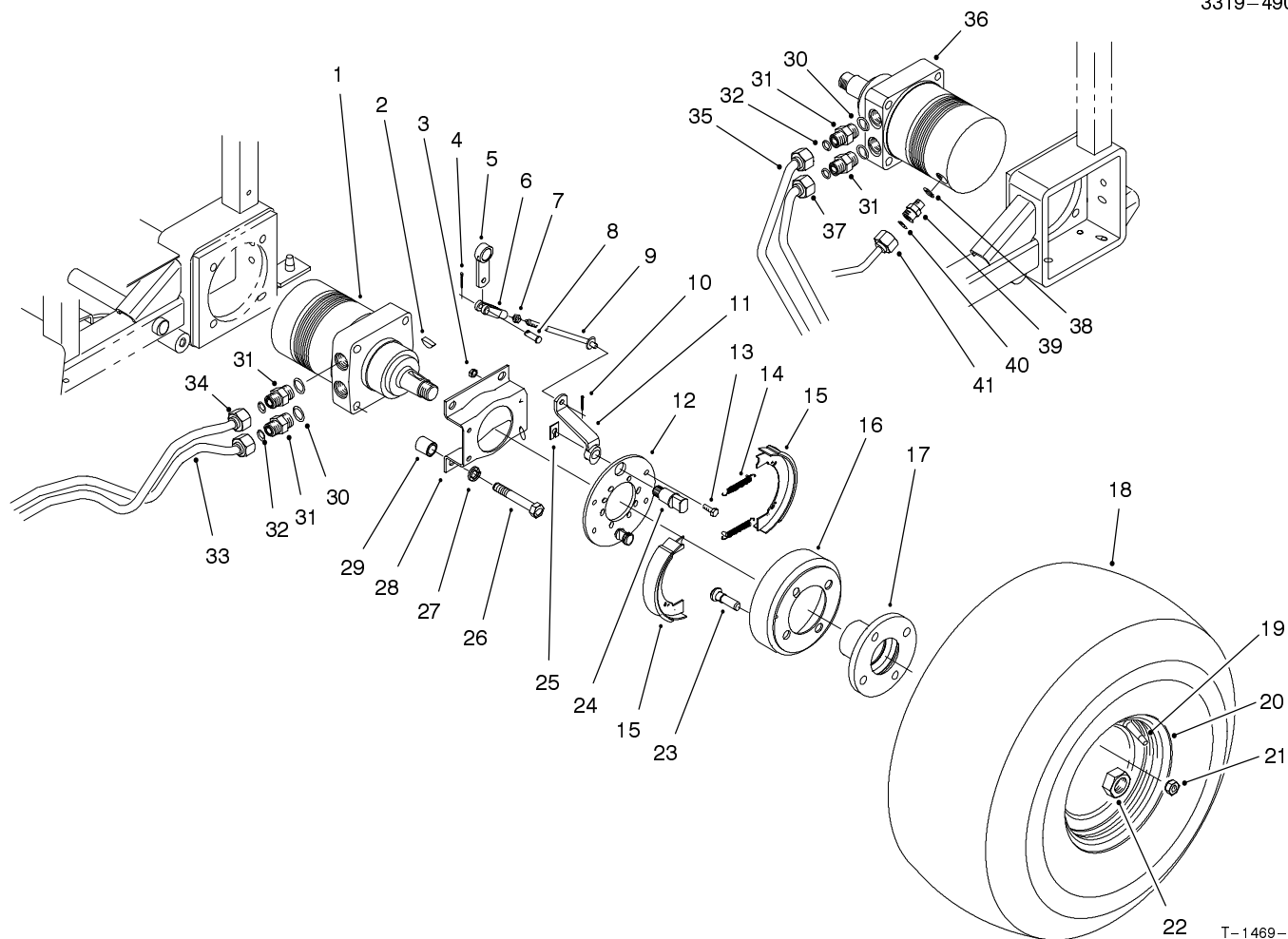
CONTROL VALVE ASSEMBLY NO. 43-1950

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		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

HYDRAULIC SCHEMATIC



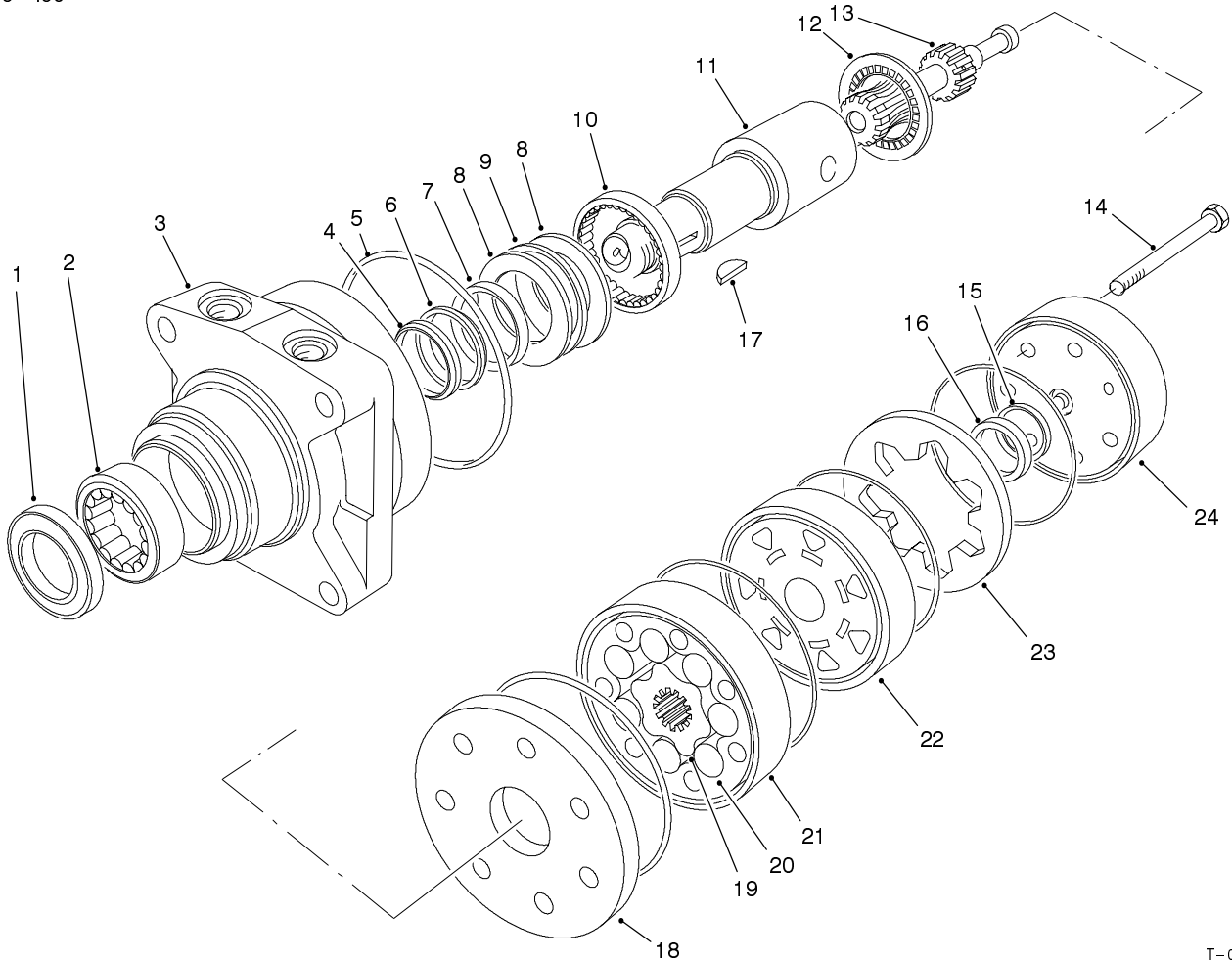


T-1469-2

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	75-9831	Hydraulic Motor Assy. L.H. (Incl. Ref. #2)	1	24	70-9860	Shaft - Cam	2
2	3257-42	Key - Woodruff	2	25	32120-47	Ring - Retaining	2
3	3296-42	Nut - Hex. Lock	8	26	325-13	Screw - Cap Hex. Hd.	8
4	3272-10	Pin - Cotter	2	27	3253-7	Washer - Lock	8
5	83-9310	Arm - Brake	2	28	84-2000	Bracket - Brake	2
6	282-2	Clevis - Adjust	2	29	92-1715	Spacer	8
7	3220-2	Nut - Jam	2	30	237-80	Seal - O-Ring	4
8	283-1	Pin - Clevis	2	31	340-6	Fitting - Hydraulic Straight (Incl. Ref. #30 & 32)	4
9	95-5824	Rod - Adjustment	2	32	237-30	Seal - O-Ring	4
10	3272-6	Pin - Cotter	2	33	85-9390	Tube - Hydraulic	1
11	93-6850	Brake Lever Assembly	2	34	85-7760	Tube - Hydraulic	1
12	70-9870	Plate - Backing	2	35	85-9400	Tube - Hydraulic	1
13	321-4	Screw - HH	8	36	75-9840	Hydraulic Motor Assy. R.H. (Incl. Ref. #2)	1
14	70-9880	Spring - Return	4	37	85-9410	Tube - Hydraulic	1
15	70-9840	Lining - Shoe	4	38	237-42	Seal - O-Ring	1
16	10-6850	Drum - Brake	2	39	340-2	Fitting - Hydraulic Straight (Incl. Ref. #38 & 40)	1
17	93-6838	Hub - Wheel	2	40	237-22	Seal - O-Ring	1
18	85-8290	Tire	2	41	85-0380	Tube - Hydraulic	1
19	232-35	Valve - Stem	2	*	71-1500	Assembly - Brake (Incl. Ref. #12-15 & 25)	2
20	94-6116	Rim	2				
21	242-50	Nut - Lock	8				
22	26-3790	Nut - Lock	2				
23	85-6540	Stud - Drive	8				

*Not Illustrated



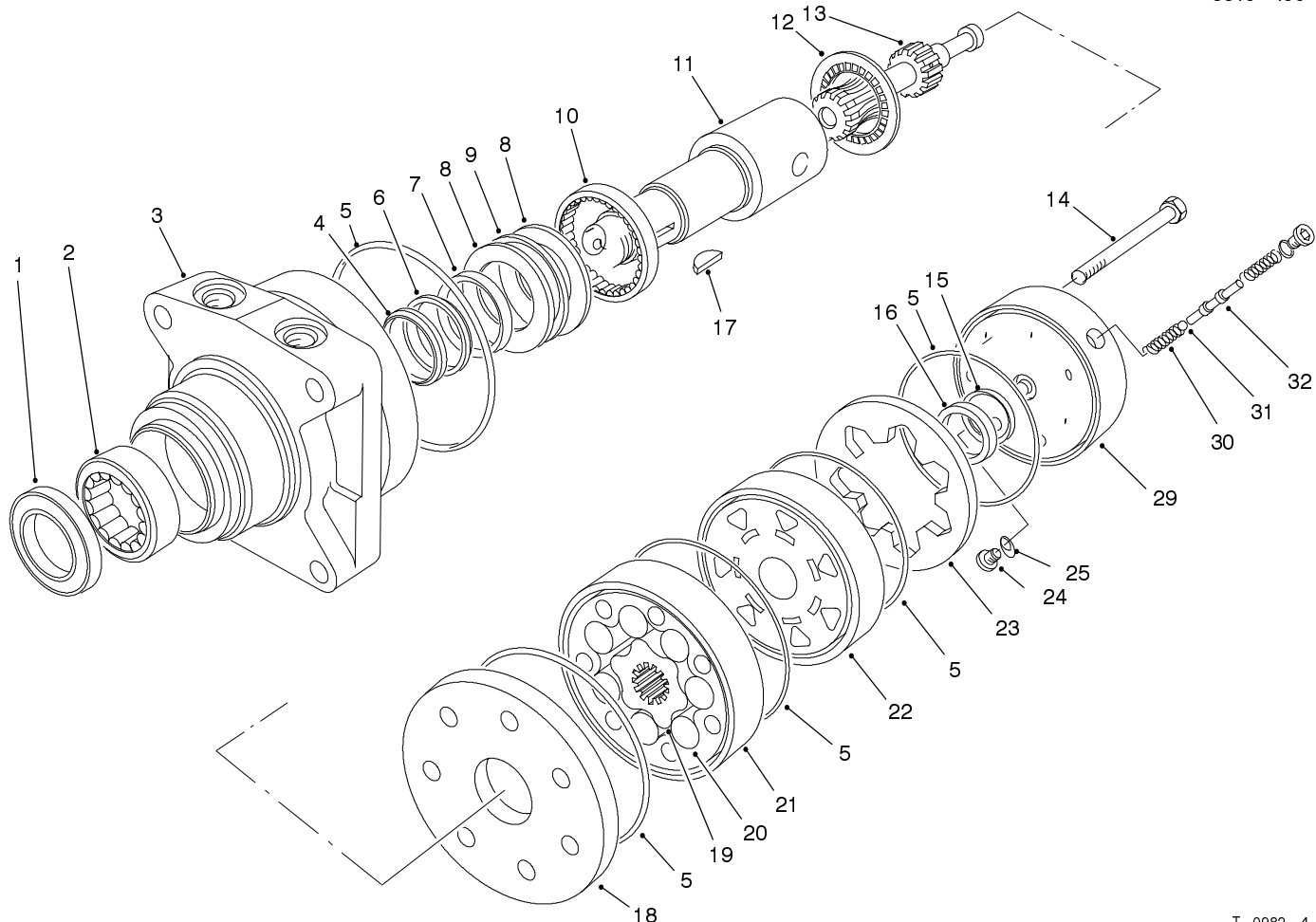
T-0983-2

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
*	94-8178	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated



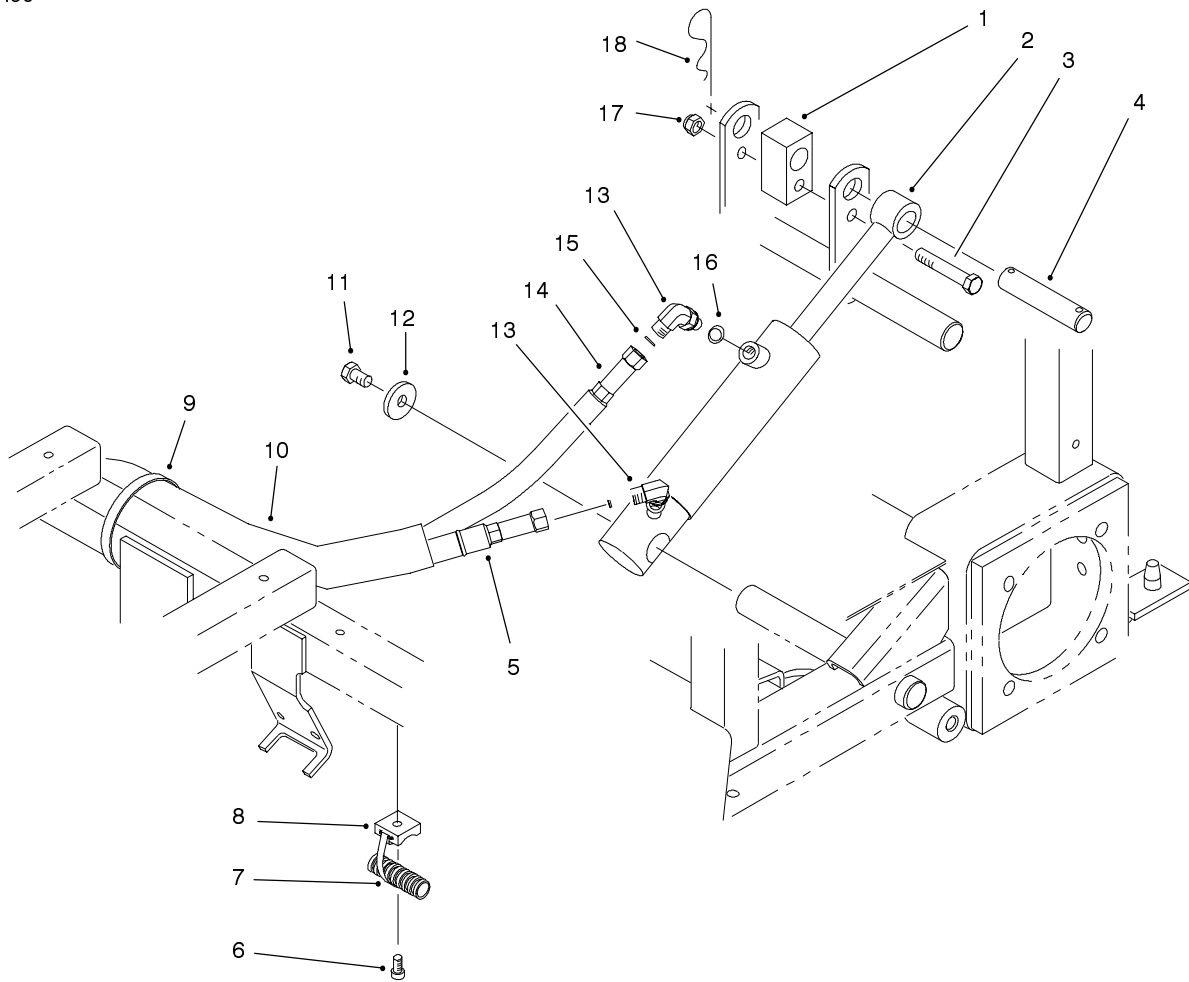
T-0982-4

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

Ref. No.	Part No.	Description	No. Used
20		Vane	7
21		Stator	1
22	76-0840	Manifold	1
23		Ring - Commutator	1
24	353-990	Plug	2
25		O-Ring	2
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
*	94-8178	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated

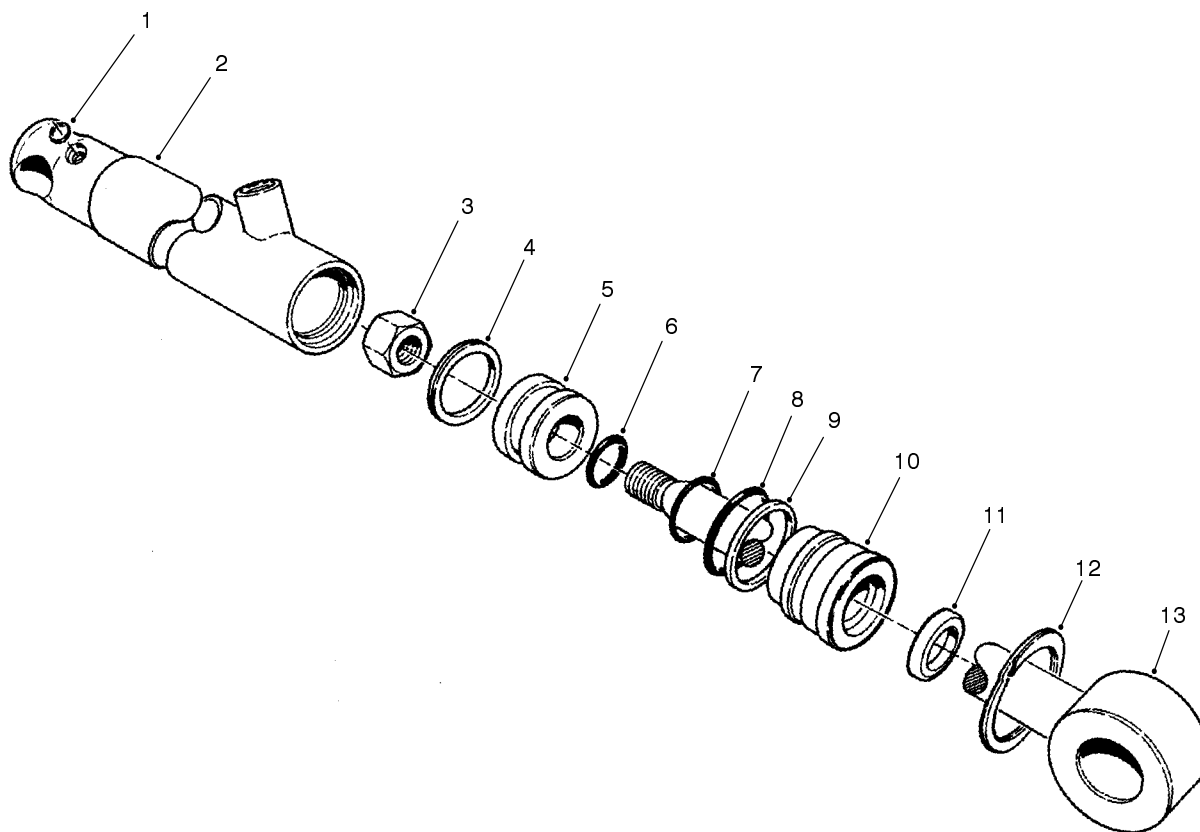


T-2752-1

LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85-9160	Spacer	1
2	83-7000	Cylinder Assembly	1
3	323-11	Screw - Cap Hex. Hd.	1
4	85-9170	Pin - Cylinder	1
5	85-9580	Hose - Hydraulic	1
6	3274-31	Screw - Hex. Socket Hd.	3
7	3290-378	Tie - Cable	3
8	3290-509	Mount - Tie	3
9	3334-945	Tie - Cable	1
10	56-7981	Sleeve - Protective	1

Ref. No.	Part No.	Description	No. Used
11	323-34	Screw - Cap Hex. Hd.	1
12	53-6380	Washer	1
13	340-142	Fitting - Hydraulic 90° (Incl. Ref. #15 & 16)	2
14	85-9570	Hose - Hydraulic	1
15	237-21	Seal - O-Ring	2
16	237-78	Seal - O-Ring	2
17	3296-39	Nut - Lock	1
18	3290-256	Pin - Hair	2

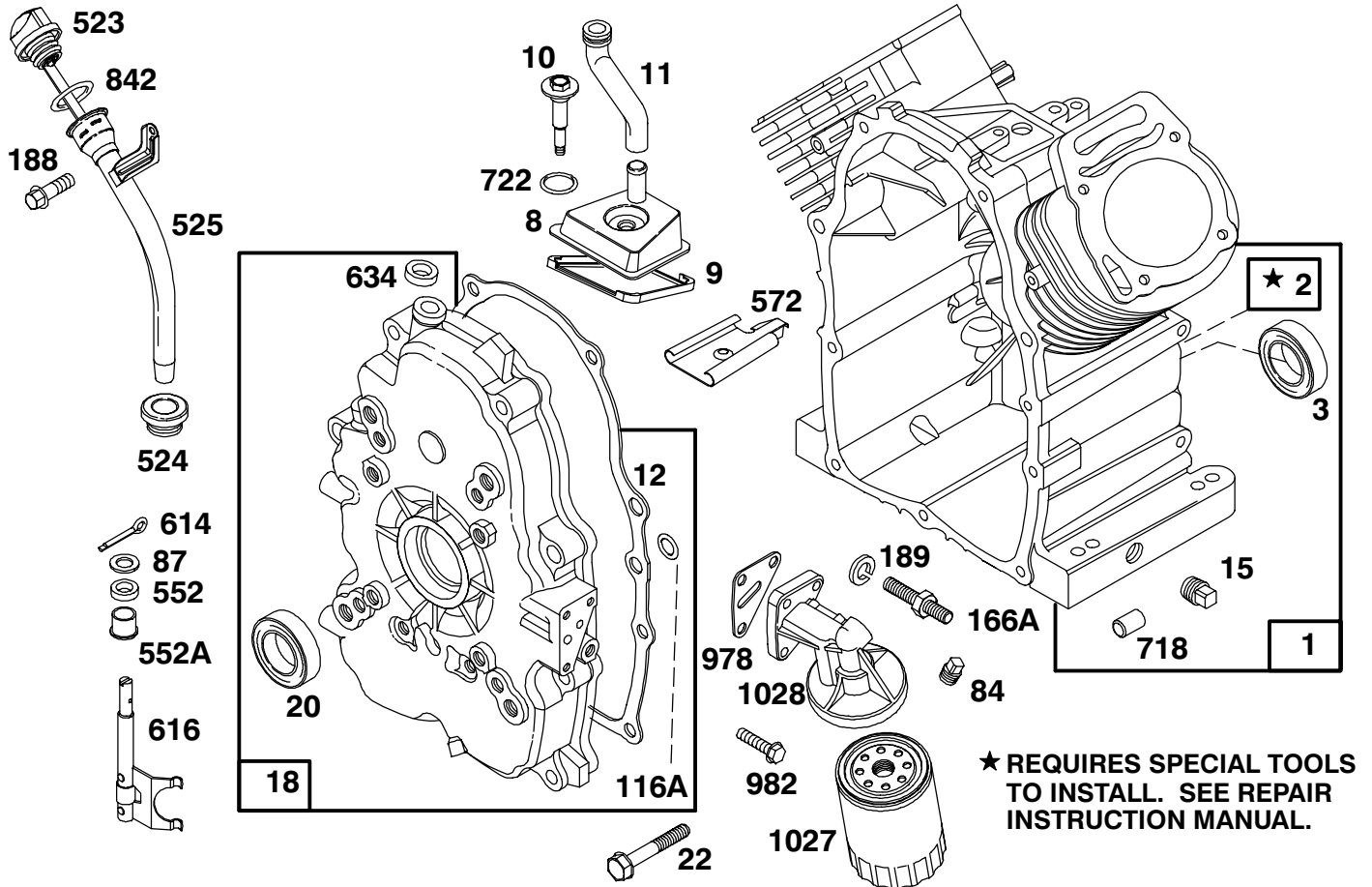


T-0217

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	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



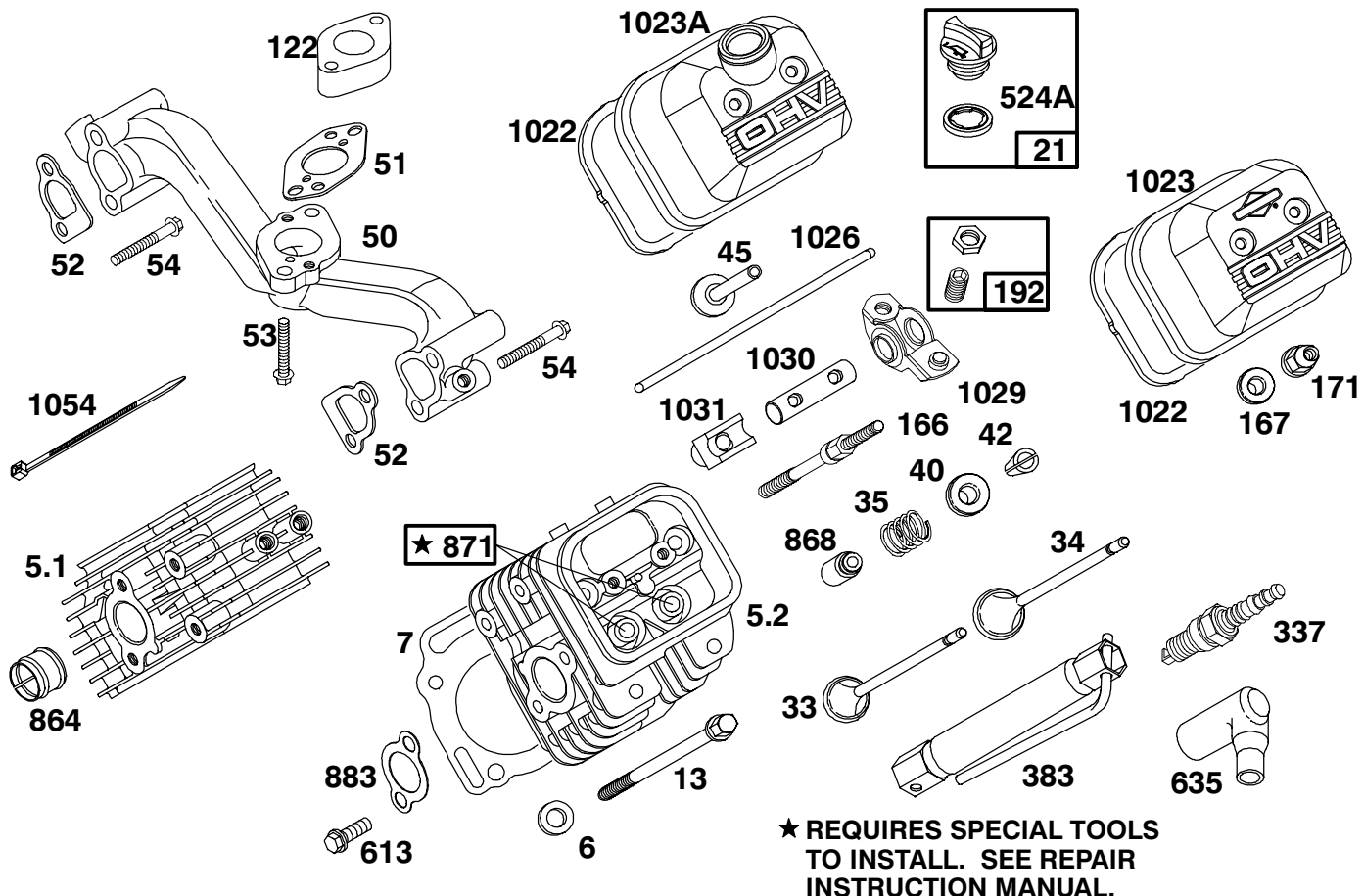
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

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

Ref. No.	Part No.	Description	No. Used
189	805449	Lockwasher	1
523	807977	Dipstick	1
*524	805259	Seal – Filler Tube	1
525	807584	Tube – Oil Filler	1
552	805412	Bushing – Governor Shaft	1
552A	805413	Bushing – Governor Shaft	1
572	805197	Baffle – Breather	1
614	805417	Pin – Cotter	1
616	807596	Fork – Governor	1
634	805416	Washer – Governor Shaft	1
718	805103	Dowel – Crankcase	1
*722	805483	Seal – Breather Screw	1
*842	805386	O–Ring	1
*978	805250	Gasket – Oil Filter Adapter	1
982	805030	Screw	1
1027	492932	Filter – Oil	1
1028	805292	Adapter – Oil Filter	1

*Included in Gasket Set – Part No. 807989.



Assemblies include all parts shown in frames.

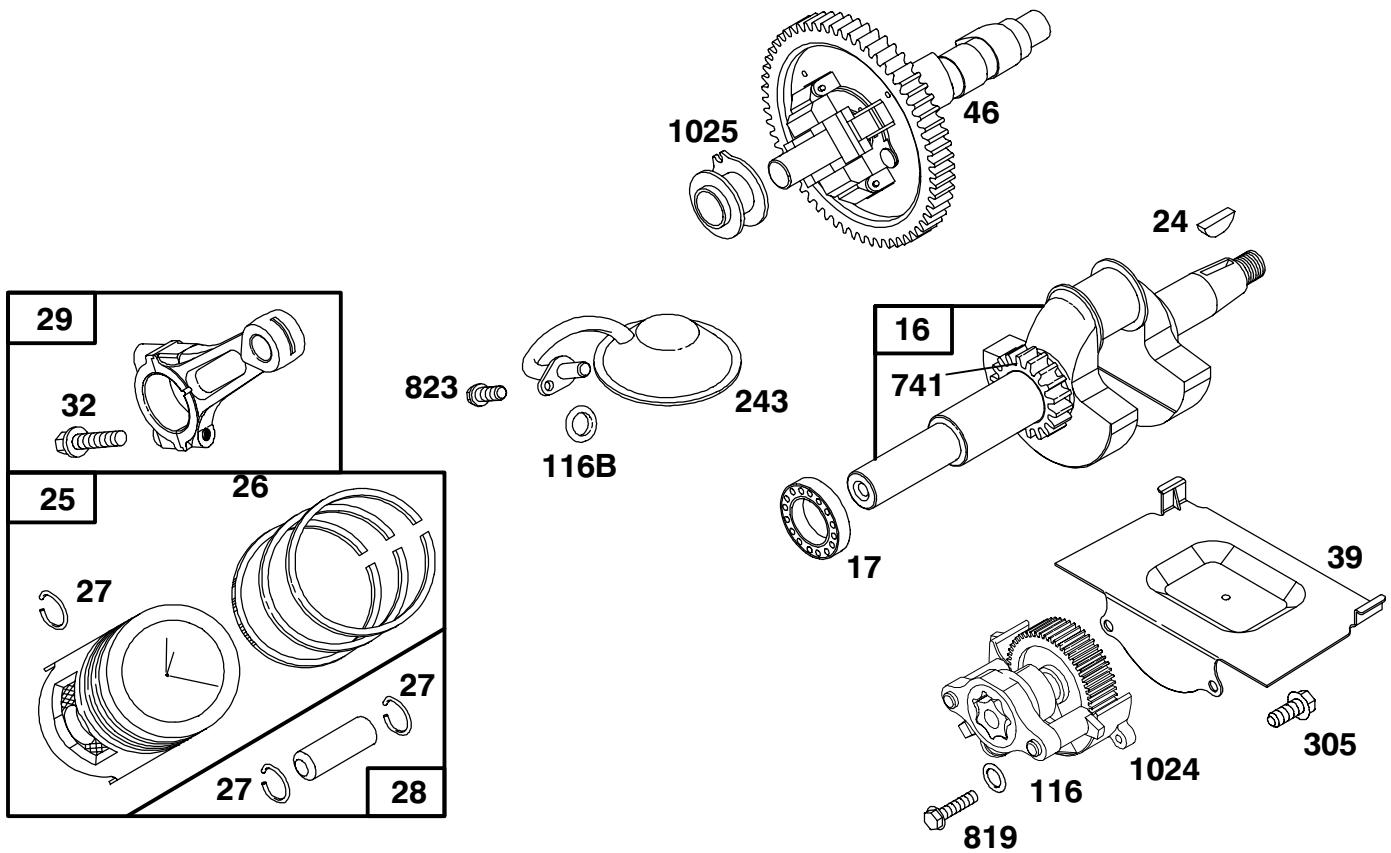
ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
5.1	807987	Head – Cylinder (Cyl. #1)	1
5.2	807988	Head – Cylinder (Cyl. #2)	1
‡6	805193	Washer – Cylinder Head	1
*‡7	807986	Gasket – Cylinder Head	1
13	805097	Screw – Cylinder Head	1
21	491832	Plug – Oil Filler	1
33	805089	Valve – Exhaust	1
34	805090	Valve – Intake	1
35	805078	Spring – Valve	1
40	805092	Retainer – Valve Spring	1
42	805161	Retainer – Valve	1
45	805354	Tappet – Valve	1
50	805772	Manifold – Intake	1
*51	805700	Gasket – Carburetor Mtg.	1
*‡52	805023	Gasket – Intake Manifold	1
53	805466	Screw	1
54	805006	Screw	1
122	805328	Spacer – Carburetor	1
166	805343	Stud – Rocker Arm	1
*‡167	805420	Washer – Valve Cover	1
‡171	805019	Nut – Nylock	1

Ref. No.	Part No.	Description	No. Used
192	807623	Screw – Valve Adjustment (Incl. Jam Nut)	1
337	496018	Plug – Spark	1
383	19374	Wrench – Spark Plug	1
*‡524A	271983	Seal – Filler Plug	1
613	805158	Screw	1
635	805529	Elbow – Spark Plug	1
864	805083	Liner – Exhaust Port	1
868	805094	Seal – Valve Guide	1
871	805084	Guide – Valve	1
*‡883	805024	Gasket – Exhaust Manifold	1
*‡1022	805028	Gasket – Valve Cover	1
1023	805100	Cover – Valve	1
1023A	808032	Cover – Valve Used on Cyl. #	1
1026	805352	Rod – Push Note: 805617 Rod – Push Used on Exhaust Side Only.	1
1029	807557	Arm – Rocker	1
1030	805342	Shaft – Rocker Arm	1
1031	805341	Support – Rocker Arm	1
1054	280275	Tie – Cable	1

*Included in Gasket Set – Part No. 807989.

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



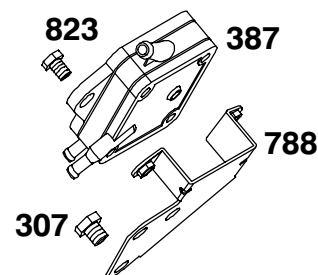
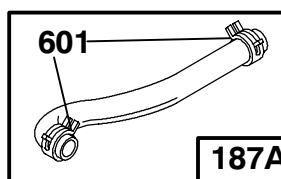
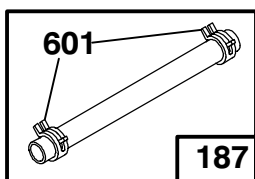
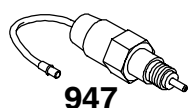
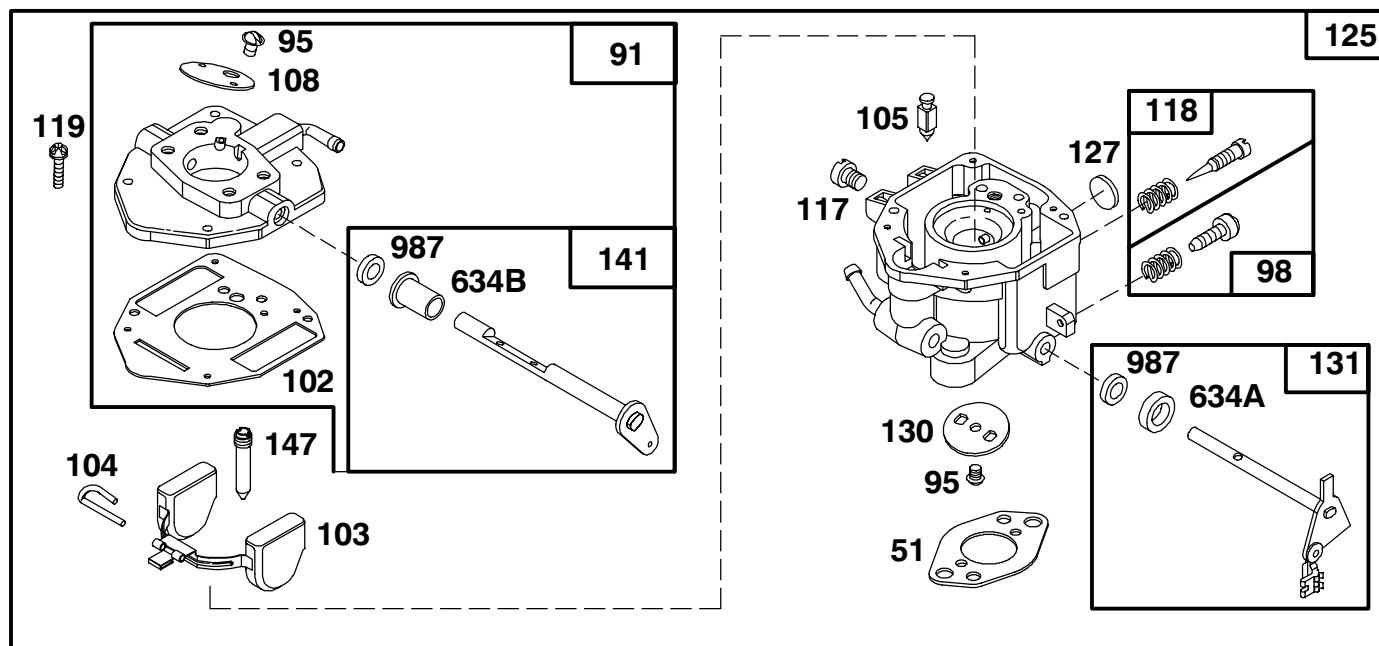
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
16	808056	Crankshaft Note: To Replace Crankshaft Timing Gear Key Order Part No. 94196.	1
		807625 Washers – Thrust	
17	805754	Bearing – Ball	1
24	805016	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

Ref. No.	Part No.	Description	No. Used
27	805099	Lock – Piston Pin	1
28	807621	Piston Pin Assembly	1
29	807900	Connecting Rod Assembly	1
32	805395	Screw – Connecting Rod	1
39	805654	Deflector – Oil	1
46	807542	Gear – Cam	1
*116	805058	O-Ring (Oil Pump)	1
*116B	805316	O-Ring (Pick – Up Tube)	1
243	807598	Screen – Oil Pump Pick-Up	1
305	805406	Screw	1
741	805675	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. 807989.



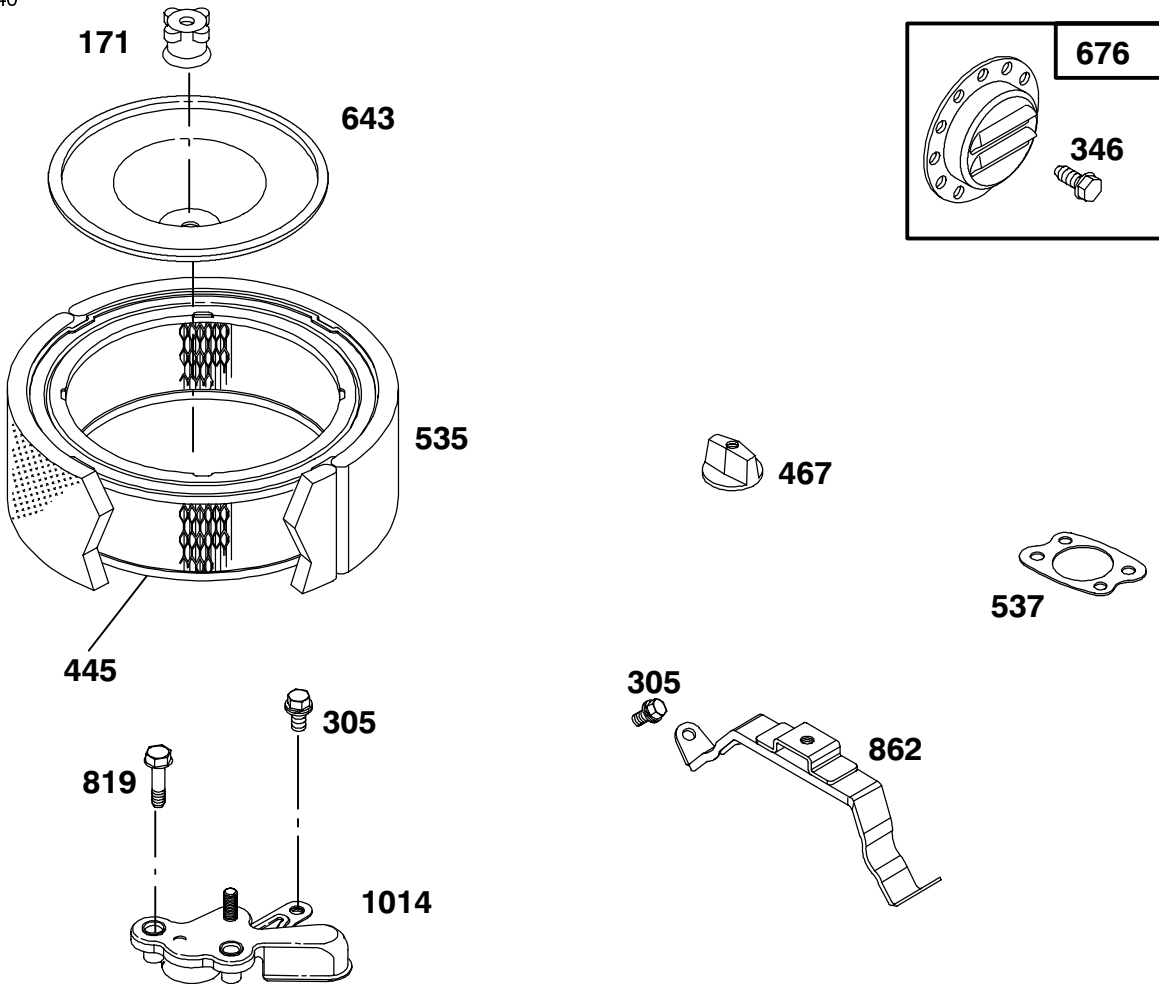
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

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	807718	Screw – Throttle Adj.	1
†102	805541	Gasket – Intake Elbow	1
103	805546	Float Assembly	1
†104	805545	Pin – Float Hinge	1
†105	805547	Valve – Fuel Inlet	1
108	805539	Valve – Choke	1
†117	805853	Jet – Main	1
†118	807719	Valve – Idle Adjust Needle	1
119	805540	Screw – Upper Body Mtg.	1
125	807918	Carburetor Assembly	1
†127	805559	Plug – Welch	1
130	805554	Valve – Throttle	1

Ref. No.	Part No.	Description	No. Used
131	807720	Shaft – Throttle	1
141	807722	Shaft – Choke	1
†147	805553	Jet – Slow Speed	1
187	393815	Hose – Fuel (Cut to Suit)	1
187A	398367	Hose – Fuel	1
307	805025	Screw	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
947	807664	Solenoid	1
†987	805544	Seal – Shaft	1

†Included in Carburetor Kit – Part No. 807726.

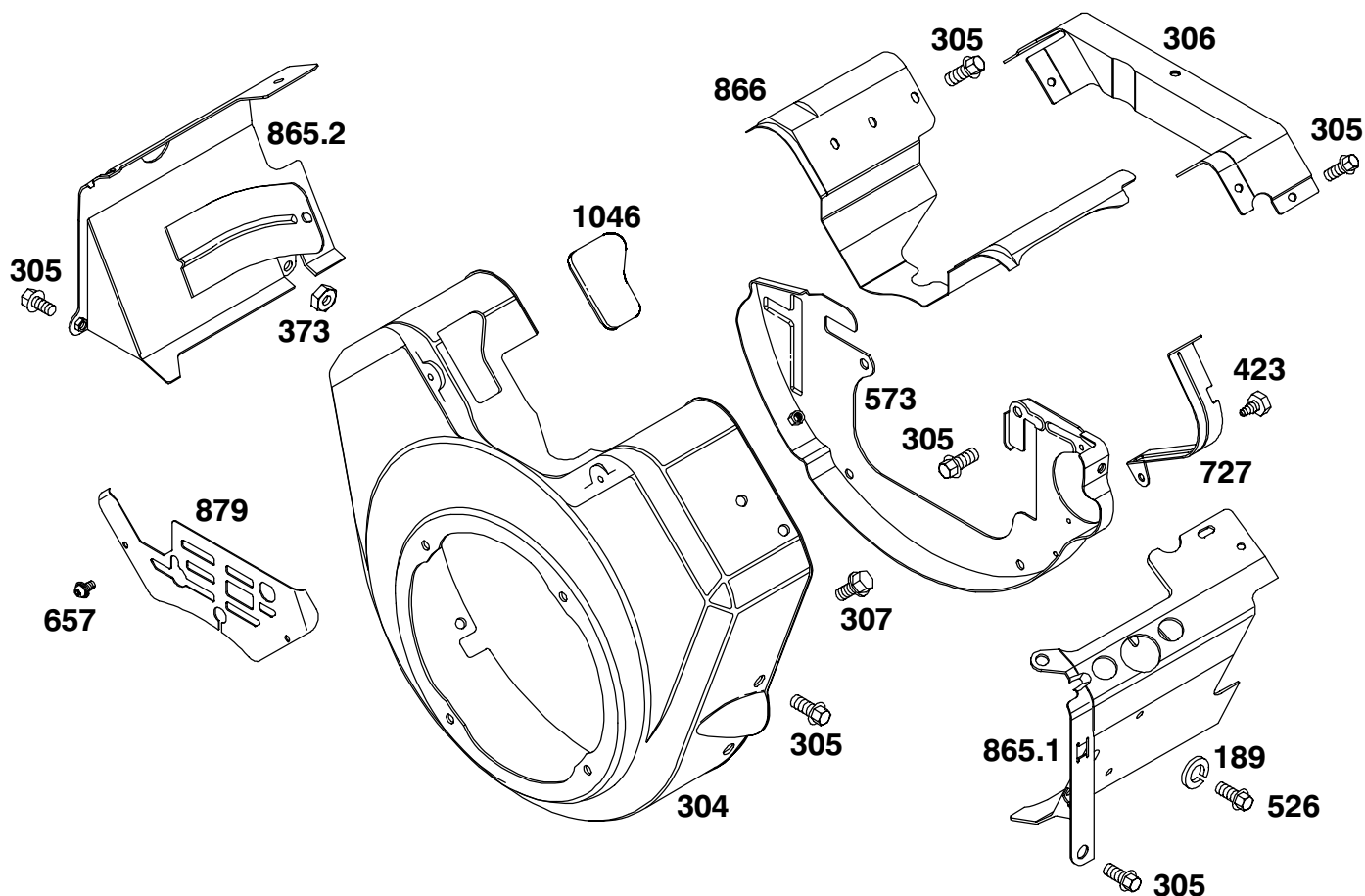


ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
171	281051	Nut – Air Cleaner	1
305	805406	Screw – Sem	1
346	93705	Screw – Hex. Hd.	1
445	394018	Cartridge – Air Cleaner	1
467	491875	Knob – Air Cleaner	1
*537	805655	Gasket – Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
643	805631	Plate – Air Cleaner	1
676	397630	Deflector – Exhaust	1
819	805057	Screw – Hex. Hd.	1
862	807796	Bracket – Air Cleaner	1
1014	807797	Shield – Assy.	1

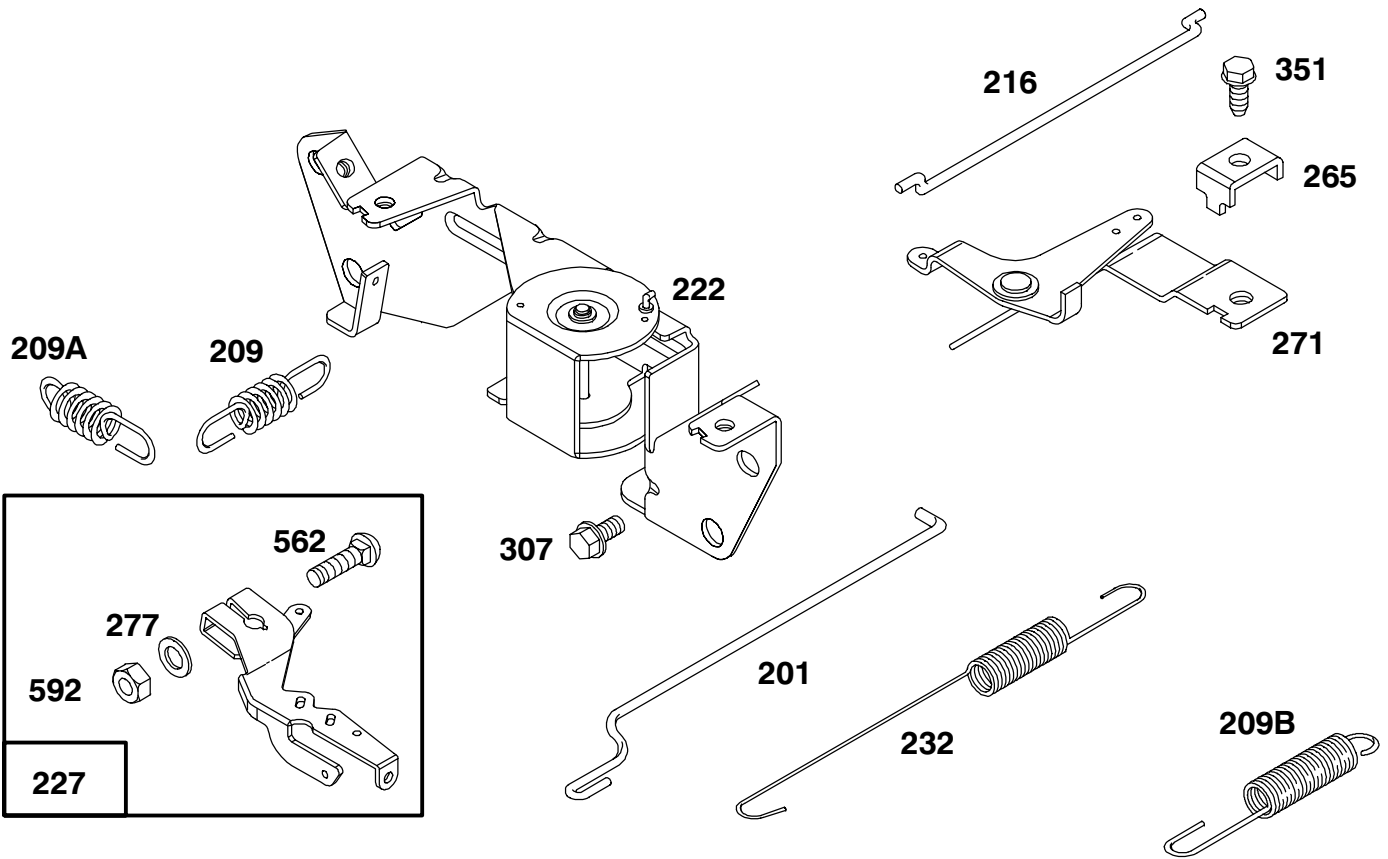
*Included in Gasket Set – Part No. 807989.



ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
189	805449	Washer – Lock	1
304	807898	Housing – Blower	1
305	805406	Screw – Sem	1
306	807661	Cover – Valley Extension	1
307	805025	Screw	1
373	805383	Nut – Hex	1
423	805260	Screw	1
526	805448	Screw – Mounting	1
573	807663	Back Plate Assembly	1

Ref. No.	Part No.	Description	No. Used
657	805009	Screw	1
727	805505	Shield – Starter	1
865.1	807870	Cover – Air Guide (Cyl. #1)	1
865.2	807871	Cover – Air Guide (Cyl. #2)	1
866	805738	Valley Cover – Air Guide	1
879	805841	Cover – Carburetor	1
1046	805753	Plug – Blower Housing	1

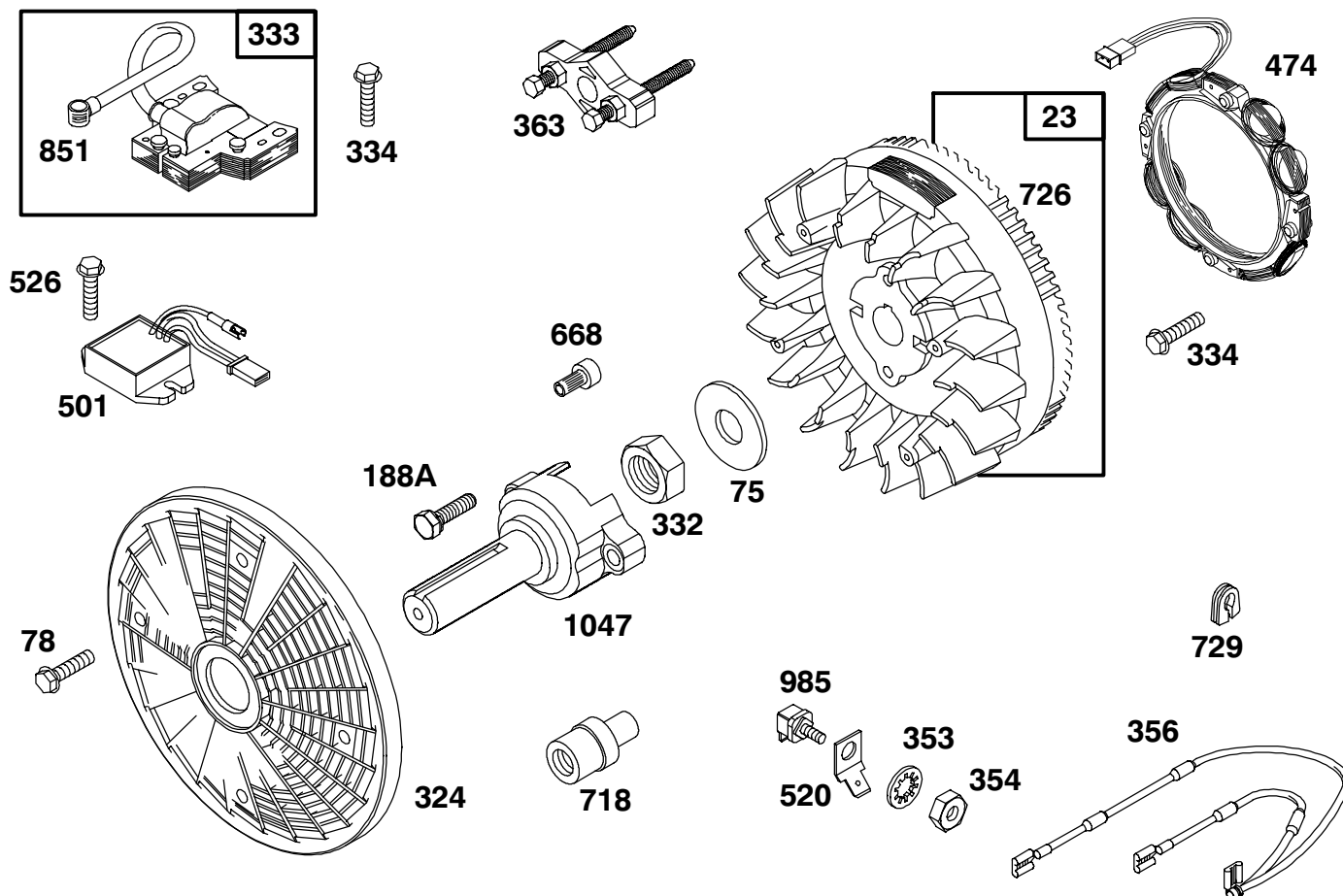


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
201	805480	Link - Governor	1
209	805463	Spring - Governor	1
209A	805453	Spring - Governed Idle	1
209B	805450	Spring - Governor	1
216	805439	Link - Choke	1
222	807610	Bracket - Governor Control	1
227	807528	Lever Assembly - Governor	1
232	805465	Spring - Governor Link	1

Ref. No.	Part No.	Description	No. Used
265	221535	Clamp - Casing	1
271	807609	Bracket - Choke Control	1
277	805018	Washer	1
307	805025	Screw	1
351	805169	Screw - Hex. Head	1
562	805381	Bolt	1
592	805383	Nut - Hex.	1

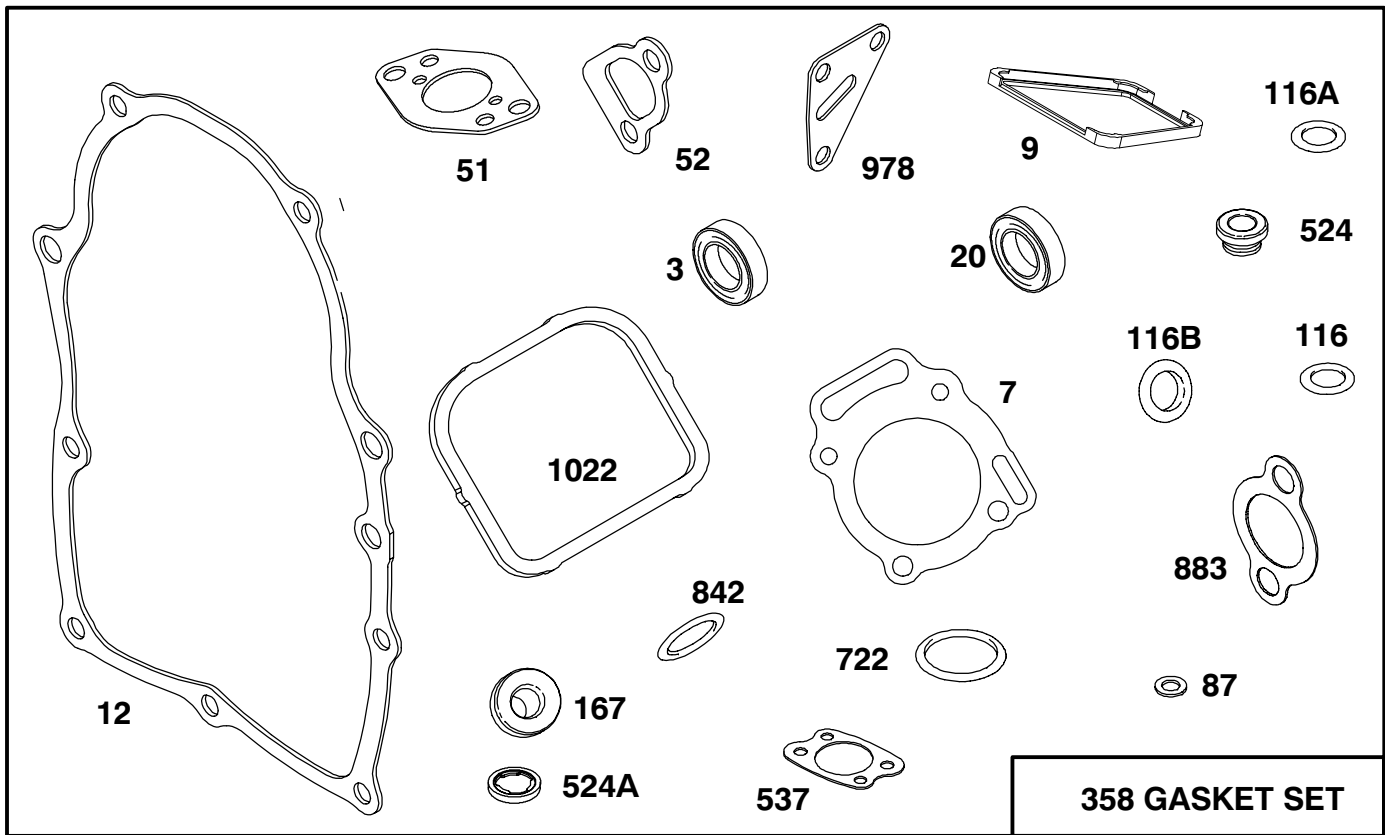


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
23	808128	Flywheel - Magneto	1
75	805007	Washer - Spring	1
78	805447	Screw	1
188A	93847	Screw - Hex. Hd.	1
324	805723	Screen - Rotating	1
332	805021	Nut - Hex.	1
333	492341	Armature - Magneto	1
334	805407	Screw - Mounting	1
353	92791	Washer - Lock (Internal Tooth)	1
354	90576	Nut - Hex.	1
356	493792	Wire - Assy.	1
363	19203	Puller - Flywheel	1

Ref. No.	Part No.	Description	No. Used
474	393295	Stator - Alternator	1
501	394890	Regulator - Alternator	1
520	93722	Terminal - Spade	1
526	805448	Screw - Mtg.	1
668	805402	Spacer	1
718	805613	Pin - Pilot	1
726	808162	Gear - Flywheel Ring Includes Mounting Hardware	1
729	805641	Grommet	1
851	221798	Terminal - Ignition Cable	1
985	398525	Insulator	1
1047	262949	Shaft - Stub	1



Assemblies include all parts shown in frames.

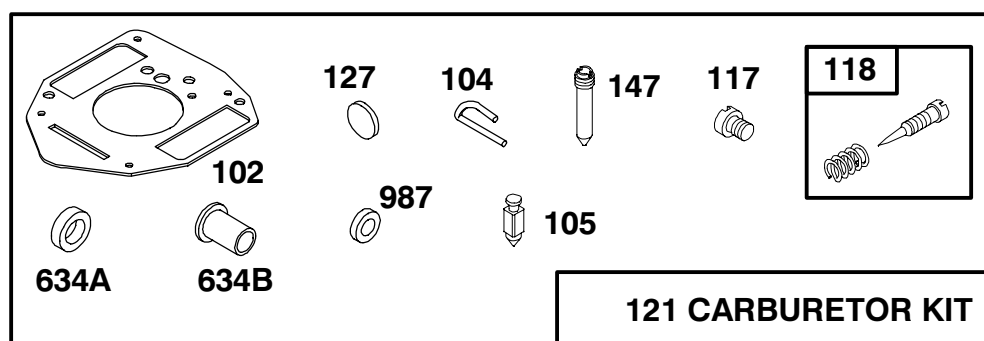
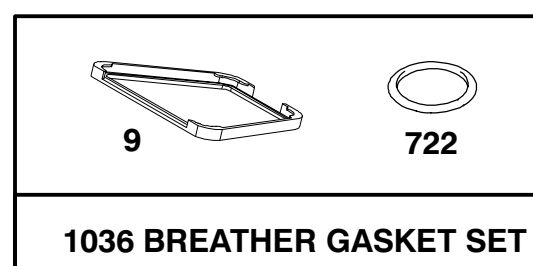
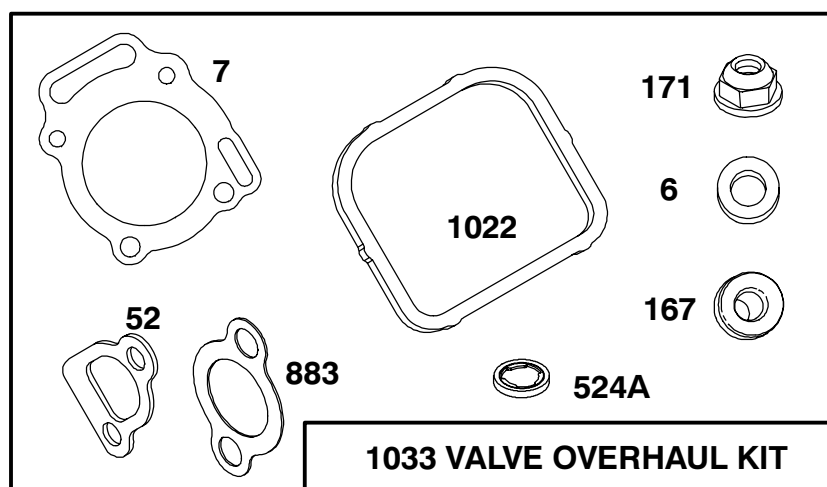
ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

Ref. No.	Part No.	Description	No. Used
*3	805101	Seal - Oil	1
*‡7	807986	Gasket - Cylinder Head	1
*9	805379	Gasket - Breather	1
*12	805112	Gasket - Crankcase Cover	1
*20	805049	Seal - Oil	1
*51	805700	Gasket - Carburetor Mtg.	1
*52	805023	Gasket - Intake Manifold	1
*87	805054	Seal - Governor Shaft	1
*116	805058	O-Ring (Oil Pump)	1
*116A	805198	O-Ring (Crankcase Cover)	1
*116B	805316	O-Ring (Pick - Up Tube)	1

Ref. No.	Part No.	Description	No. Used
*‡167	805420	Washer - Valve Cover	1
358	807989	Gasket Set	1
*524	805259	Seal - Filler Tube	1
*‡524A	271983	Seal - Filler Plug	1
*537	805655	Gasket - Air Cleaner	1
*722	805483	Seal - Breather Screw	1
*842	805386	O-Ring	1
*883	805024	Gasket - Exhaust Manifold	1
*978	805250	Gasket - Oil Filter Adapter	1
*‡1022	805028	Gasket - Valve Cover	1

*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 303447-0480-01

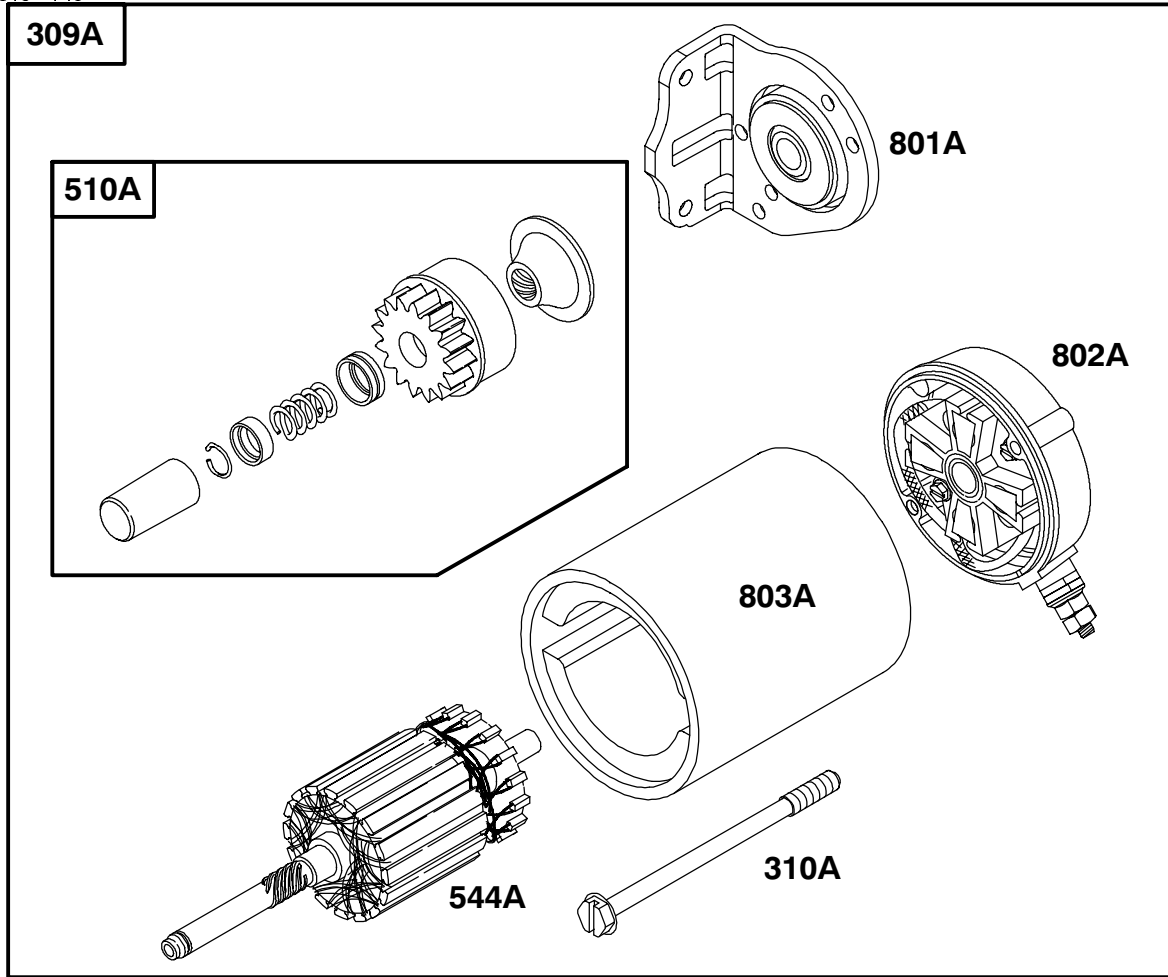
Ref. No.	Part No.	Description	No. Used
‡6	805193	Washer – Cylinder Head	1
*‡7	807986	Gasket – Cylinder Head	1
*9	805379	Gasket – Breather	1
*‡52	805023	Gasket – Intake Manifold	1
†102	805541	Gasket – Intake Elbow	1
†104	805545	Pin – Float Hinge	1
†105	805547	Valve – Fuel Inlet	1
†117	805853	Jet – Main	1
†118	807719	Valve – Idle Adjusting	1
121	807726	Carburetor Kit	1
†127	805559	Plug – Welch	1
†147	805553	Jet – Slow Speed	1

Ref. No.	Part No.	Description	No. Used
*‡167	805420	Washer – Valve Cover	1
‡171	805019	Nut – Nylock	1
*‡524A	271983	Seal – Filler Plug	1
†634A	805557	Collar – Throttle	1
†634B	805543	Collar – Choke	1
*722	805483	Seal – Breather Screw	1
*‡883	805024	Gasket – Exhaust Manifold	1
†987	805544	Seal – Shaft	1
*‡1022	805028	Gasket – Valve Cover	1
1033	807990	Overhaul Kit – Valve	1
1036	807688	Gasket Set – Breather	1

*Included in Gasket Set – Part No. 807989.

†Included in Carburetor Kit – Part No. 807726.

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



ENGINE BRIGGS & STRATTON MODEL 303447-0480-01

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

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

TORO PART NUMBER INDEX

3319-490

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-6498	Washer - Thrust	14	5	1	56-7976	Clamp - Tube	4	36	1
10-6830	Stud - Drive	4	27	4	56-7981	Sleeve - Protective	26	10	1
10-6850	Drum - Brake	23	16	2	57-5420	Screw - Shoulder	18	41	1
14-7579	Cooler Mount Assembly	18	25	1	61-2710	Fitting - Hydraulic 90°	15	32	1
18-6320	Washer	4	2	3	61-3770	Hydraulic Filter Head Assy.	18	15	1
18-6380	Bolt - Adjustment	6	17	2	63-8360	Key - Ignition	9	8	1
18-6380	Pin - Adjusting	14	9	1	63-8410	Washer - Flat	11	19	4
21-2480	Hose - Fuel	11	13	1	65-8770	Bushing - Flange	6	21	2
22-8330	Plug	21	1	2	66-2950	Hour Meter Assembly	9	10	1
22-8340	Spring	21	3	2	67-8050	Bearing - Needle	16	37	1
22-8350	Ball	21	4	2	67-8060	Seal - Lip	16	36	1
22-8360	Pin - Cam	21	6	2	67-9410	Washer - Flat	8	14	2
22-8370	Seat-Check Valve	21	5	2	69-9760	Plate - Cover	4	37	1
22-8380	Retainer - Spring	21	10	2	70-2770	Head	27	10	1
22-8410	Spring	21	11	1	70-2780	Piston	27	5	1
22-8420	Spool	21	8	1	70-9840	Lining - Shoe	23	15	4
22-8480	Ring - Retaining, Spool	21	13	1	70-9860	Shaft - Cam	23	24	2
22-8490	Ring - Retaining	21	14	1	70-9870	Plate - Backing	23	12	2
22-8500	O-Ring	21	9	2	70-9880	Spring - Return	23	14	4
23-3030	Spacer	21	12	1	71-1500	Assembly - Brake	23	*	2
23-8910	Fitting - Hydraulic 90°	18	9	2	72-4790	Hold-Down - Battery	11	8	1
23-9740	Element - Hydraulic Filter	18	18	1	74-0720	Tube - Manual	7	4	1
25-2380	Plate - Thrust	17	50	1	74-9100	Pad - Forward	13	16	1
25-2400	Gasket - Cap, End	16	14	1	74-9110	Pad - Reverse	13	4	1
25-2430	Pin	16	13	1	75-0540	Teather	18	2	1
25-2450	Swashplate	17	48	1	75-4705	Hose - Fuel	12	47	1
25-2460	Plug	16	29	2	75-5470	Spacer	14	18	1
25-2470	Kit - Shim	16	30	2	75-9830	Hydraulic Motor Assembly	4	24	1
25-2480	Spring	16	42	1	75-9831	Hydraulic Motor Assy. L.H.	23	1	1
25-2490	Ball	16	4	2	75-9840	Hydraulic Motor Assy. R.H.	23	36	1
25-2500	Shaft - Trunnion	16	43	1	76-0810	Assembly - Housing	24	*	1
25-2510	Washer	16	26	2	76-0810	Assembly - Housing	25	*	1
25-2570	Spring	16	31	1	76-0810	Assembly - Housing	5	*	1
25-2600	Kit-Cylinder Block	16	16	1	76-0820	Link - Drive	24	13	7
25-2640	Spring	16	3	2	76-0820	Link - Drive	25	13	1
25-2650	Plug	16	1	2	76-0830	Rotor Set	24	*	1
25-2690	Housing - Pump, Charge	16	35	1	76-0830	Rotor Set	25	*	1
25-3180	Kit-Valve, Check	17	*	1	76-0840	Manifold	24	22	1
25-3210	Seal - Lip	16	25	2	76-0840	Manifold	25	22	1
26-3790	Nut - Lock	4	17	1	76-0840	Manifold	5	22	1
26-3790	Nut - Lock	23	22	2	76-0850	Bearing - Thrust	24	12	1
27-2320	Bearing - Side Flange	8	7	2	76-0850	Bearing - Thrust	25	12	1
27-6600	Spacer - Coupler	15	13	8	76-0850	Bearing - Thrust	5	12	1
28-4210	Solenoid - Starter	1	23	1	76-0860	Shaft - Coupling	24	11	1
29-6163	Switch - Neutral	14	20	1	76-0860	Shaft - Coupling	25	11	1
38-3400	Guard - Rubber	12	18	1	76-0860	Shaft - Coupling	5	11	1
39-9600	Clamp - Ammeter	9	16	1	76-0870	Plate - Wear	24	18	1
43-1950	Lift Valve Assembly	20	17	1	76-0870	Plate - Wear	25	18	1
43-5220	Ring - Retaining	27	12	1	76-0870	Plate - Wear	5	18	1
43-5230	Shaft with Clevis	27	13	1	76-0880	Assembly - Commutator	24	*	1
43-5260	Barrel w/Clevis & Ports	27	2	1	76-0880	Assembly - Commutator	25	*	1
46-7510	Hood - Air Inlet	2	47	1	76-0880	Assembly - Commutator	5	*	1
46-8400	Bearing - Roller	17	51	1	76-0890	Assembly	25	29	1
47-2964	Hose - Fuel	12	19	1	76-0930	Link - Drive	5	13	7
47-2964	Hose - Fuel	11	25	1	76-0940	Assembly - Cover, End	24	24	1
48-7620	Screw - Cap Hex. Hd.	12	7	3	76-0940	Assembly - Cover, End	5	24	1
48-9510	Nut - Lock	2	52	1	76-0950	Rotor Set	5	*	1
49-2040	Screw - Hex. Flange Hd.	14	6	3	76-1020	Screw - Cap, Hex. Hd.	24	14	1
49-8510	Kit-Relief, Charge	17	*	1	76-1030	Screw - Cap, Hex. Hd.	5	14	1
49-8520	Kit-Implement Relief	17	*	1	76-1040	Screw - Cap, Hex. Hd.	25	14	7
51-0780	Slide - Seat Adjust	7	8	1	76-1420	Wheel - Steering	6	1	1
51-0790	Slide - Seat Adjust	7	17	1	76-8640	Stud - Traction	14	14	1
53-6380	Washer	26	12	1	77-3100	Decal - Caution	18	38	2
56-7720	Rod - Battery Hold-Down	11	12	2	80-2060	Muffler	12	14	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
80-2110	Cable - Solenoid-Starter	10	2	1	85-8960	Spacer	13	3	1
80-2120	Wire Harness - Main	10	1	1	85-8970	Shield - Chain	6	15	1
80-2120	Wire Harness Assembly	9	12	1	85-9010	Boot - Steering	11	21	1
80-2150	Pad - Litterbox	2	32	1	85-9020	Key - Square	15	17	1
80-8290	Plate - Hot Surface	12	10	1	85-9030	Spring - Extension	14	10	1
80-8650	Coupler - Rubber	15	14	2	85-9070	Console Assembly	9	2	1
83-0020	Ignition Switch Assembly	9	5	1	85-9120	Spacer	6	10	3
83-0820	Ammeter Assembly	9	9	1	85-9120	Spacer	14	17	1
83-1031	Mount - Engine	12	31	4	85-9140	Hose - Fuel	11	17	1
83-1390	Fitting - Fuel Shut-Off	11	15	1	85-9150	Plate - Switch	14	19	1
83-2220	Deflector - Exhaust	12	13	1	85-9160	Spacer	26	1	1
83-2230	Screw	12	12	4	85-9170	Pin - Cylinder	26	4	1
83-2240	Arrester - Spark	12	*	1	85-9180	Sprocket	6	20	1
83-2420	Cable - Positive	10	3	1	85-9190	Plate - Control	2	33	1
83-2420	Cable - Positive	12	25	1	85-9200	Joint - Universal	6	23	1
83-6140	Plate - Hot (Japanese)	12	10	1	85-9210	Shaft - Steering Lower	6	22	1
83-7000	Cylinder Assembly	26	2	1	85-9220	Shaft - Steering Upper	6	27	1
83-7250	Seal Repair Kit	27	14	1	85-9230	Support - Seat	7	9	1
83-7260	Cone - Charge Relief	16	32	2	85-9310	Control - Throttle & Choke	2	31	2
83-9310	Arm - Brake	23	5	2	85-9320	Rod - Seat Prop	7	15	1
83-9310	Arm - Brake	8	10	2	85-9360	Tube - Hydraulic	19	19	1
84-2000	Bracket - Brake	23	28	2	85-9360	Tube - Hydraulic	4	34	1
84-6760	Decal - Caution (Japanese)	18	38	2	85-9370	Tube - Hydraulic	19	23	1
85-0290	Spacer - Seat Support	7	10	2	85-9370	Tube - Hydraulic	4	35	1
85-0380	Tube - Hydraulic	20	16	1	85-9390	Tube - Hydraulic	19	11	1
85-0380	Tube - Hydraulic	23	41	1	85-9390	Tube - Hydraulic	23	33	1
85-6540	Stud - Drive	23	23	8	85-9400	Tube - Hydraulic	19	21	1
85-7600	Frame Assembly	2	28	1	85-9400	Tube - Hydraulic	23	35	1
85-7610	Hose - Hydraulic	18	11	1	85-9410	Tube - Hydraulic	19	20	1
85-7680	Hose - Hydraulic	18	17	1	85-9410	Tube - Hydraulic	23	37	1
85-7680	Hose - Hydraulic	15	30	1	85-9420	Hydraulic Tube Assembly	15	5	1
85-7760	Tube - Hydraulic	19	12	1	85-9420	Tube - Hydraulic	19	10	1
85-7760	Tube - Hydraulic	23	34	1	85-9450	Hose - Hydraulic	15	36	1
85-8000	Engine Assembly	12	46	1	85-9460	Cooler - Oil	18	30	1
85-8030	Chain	6	19	1	85-9510	Screen - Filler	18	4	1
85-8290	Tire	4	16	1	85-9550	Clamp - Rubber	18	35	2
85-8290	Tire	23	18	2	85-9560	Fan	15	28	1
85-8300	Lever - Pump	14	2	1	85-9570	Hose - Hydraulic	20	11	1
85-8360	Seal - Cover	12	3	1	85-9570	Hose - Hydraulic	26	14	1
85-8370	Cover - Air Cleaner	12	2	1	85-9580	Hose - Hydraulic	20	4	1
85-8430	Base - Air Cleaner	12	48	1	85-9580	Hose - Hydraulic	26	5	1
85-8450	Rod - Control	13	9	1	85-9590	Hose - Hydraulic	15	25	1
85-8460	Switch Arm Assembly	14	12	1	85-9590	Hose - Hydraulic	18	28	1
85-8490	Panel - Front R.H.	2	29	1	85-9600	Hose - Hydraulic	20	12	1
85-8570	Shroud - Lower	18	24	1	85-9600	Hose - Hydraulic	15	21	1
85-8600	Support - Engine	12	33	1	85-9610	Hose - Hydraulic	15	4	1
85-8640	Base - Engine	12	38	1	85-9620	Hose - Hydraulic	15	1	1
85-8670	Hub - Fan	15	27	1	85-9630	Hose - Hydraulic	4	23	1
85-8700	Hub - Pump	15	19	1	85-9640	Hose - Hydraulic	4	22	1
85-8730	Hub - Engine	15	18	1	85-9660	Plate - Seat	7	5	1
85-8770	Coupling	15	16	1	85-9670	Nut - T	18	34	2
85-8780	Tread - Floor R.H.	2	*	1	85-9680	Panel - Front L.H.	2	27	1
85-8790	Tread - Floor L.H.	2	38	1	85-9720	Fitting - Hydraulic Orificed	20	6	1
85-8800	Decal - Sand Pro 5000	2	34	2	87-2710	Lever Assembly	8	22	1
85-8820	Decal - Control	1	6	1	87-4710	Spacer - Parking Brake	8	24	1
85-8830	Decal - Console	9	21	1	88-8110	Screen Assembly R.H.	18	33	1
85-8840	Decal - Warning	1	11	1	88-8120	Screen Assembly L.H.	18	31	1
85-8860	Decal - Eccentric Bolt	14	22	1	88-8130	Top Panel Assembly	2	30	1
85-8880	Decal - Danger	2	36	3	88-8160	Plate - Valve	16	15	1
85-8890	Panel - Console	9	18	1	88-8170	Asm-Housing, Variable	16	45	1
85-8900	Lever - Lift Valve	20	23	1	88-8180	Shaft - Trunnion	16	27	1
85-8930	Retainer - Boot	11	22	1	88-8190	Bearing - Journal	16	24	1
85-8940	Flange - Bearing Lube	4	11	1	88-8210	Plug	16	33	2
85-8950	Flange - Bearing	4	9	1	88-8230	Seal - Lip	17	53	1

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88-8280	Lever - Steering Adjust	19	2	1	93-9053	Decal - Warning (Europe)	1	11	1
88-8280	Lever - Steering Adjust	6	6	1	93-9055	Decal - Control (Europe)	1	6	1
88-8290	Steering Column Assembly	6	25	1	93-9056	Decal - Console (Europe)	9	21	1
88-8330	Cable - Engine Ground	10	4	1	93-9057	Decal - Service (Danish)	7	7	1
88-8330	Cable - Negative	12	21	1	93-9058	Decal - Service (Dutch)	7	7	1
88-8340	Trim - Panel	2	35	1	93-9059	Decal - Service (Finnish)	7	7	1
88-8350	Tab - Bearing	4	39	1	93-9060	Decal - Service (Italian)	7	7	1
88-8390	Cover - Cable	12	22	1	93-9061	Decal - Service (Norwegian)	7	7	1
88-8480	Bracket - Pivot	20	8	1	93-9062	Decal - Service	7	7	1
88-8490	Decal - Infield Pro 5000	2	*	2	94-1414	Valve	2	*53	1
88-8510	Dowel	6	29	2	94-1889	Fender Extension - L.H.	3	*	1
88-8520	Block - Lock Lower	6	30	1	94-1890	Fender Extension - R.H.	3	1	1
88-8530	Block - Lock Upper	6	8	1	94-2690	Filter - Fuel	11	24	1
88-8630	Decal - 2 Wheel Drive	7	22	1	94-3652	Cover Assembly	2	48	1
92-1678	Battery	11	9	1	94-3653	Bolt	2	49	1
92-1715	Spacer	23	29	8	94-3654	Spring - Compression	2	50	1
92-1850	Decal - Operating	2	37	1	94-4513	Ring - Retaining	6	9	1
92-1855	Decal - Control (Japanese)	1	6	1	94-4514	Pin - Tilt Lock	6	4	1
92-1860	Decal - Console (Japanese)	9	21	1	94-6044	Fender Assembly L.H.	1	16	1
92-1865	Decal - Warning (Japanese)	1	11	1	94-6116	Rim	4	5	1
92-1870	Decal - Service (Japanese)	7	7	1	94-6116	Rim	23	20	2
92-1871	Decal - Service (French)	7	7	1	94-8178	Kit - Seal	24	*	1
92-1872	Decal - Service (Spanish)	7	7	1	94-8178	Kit - Seal	25	*	1
92-1873	Decal - Service (German)	7	7	1	94-8178	Kit - Seal	5	*	1
92-1874	Decal - Service (Swedish)	7	7	1	95-0553	Plate - Pump	14	7	1
92-1875	Decal - Danger (Japanese)	2	36	3	95-0632	Cover	12	53	1
92-1880	Decal - Eccentric Bolt	14	22	1	95-0639	Decal - Service	7	7	1
92-2327	Spacer - Lever	19	3	1	95-0645	Decal - Hot (Europe)	12	10	1
92-2328	Spacer - Hose	19	4	1	95-5808	Cap - End	16	7	1
92-2329	Hose - Stem	19	6	1	95-5809	Ball Bearing	16	20	1
92-2331	Spring - Extension	19	7	1	95-5810	Shaft	17	47	1
92-2332	Plate - Spring	19	26	1	95-5812	Asm-Gerotor	16	39	1
92-2335	Decal - 3 Wheel Drive	7	23	1	95-5813	Ring - Retaining	16	21	1
92-2338	Pivot Assembly	19	25	1	95-5815	Spring - Valve, Acceleration	16	8	1
92-2343	Pedal Assembly	13	15	1	95-5816	Plug	16	11	2
92-2344	Trunnion	13	11	1	95-5823	Bracket - Lever	8	2	1
92-2348	Hydraulic Tube Assembly	15	3	1	95-5824	Rod - Adjustment	23	9	2
92-2348	Tube - Hydraulic	19	22	1	95-5827	Muffler Shield Assembly	12	11	1
92-2349	Tube - Hydraulic	20	21	1	95-5829	Decal - Operating	2	37	1
92-2349	Tube - Hydraulic	18	37	1	95-5830	Fork - Steering	4	3	1
92-8776	Plug	16	5	2	95-5841	Hydraulic Manifold Assembly	19	13	1
92-8777	O-Ring	16	6	2	95-5842	Hydraulic Pump Assembly	15	8	1
92-8958	Tank - Fuel	11	2	1	95-5844	Strap	8	19	2
92-8959	Reservoir - Hydraulic	18	40	1	95-5848	Rod - Traverse	8	16	1
92-8969	Shaft - Axle	4	7	1	98-0900	Bracket - Bearing LH	8	11	1
92-8976	Seat	7	19	1	98-0901	Bracket - Bearing RH	8	12	1
92-8977	Hose - Air Cleaner	1	12	1	98-0902	Panel - R.H. Rear	1	2	1
93-2190	Air Cleaner Assembly	1	14	1	98-0903	Panel - Rear L.H.	1	24	1
93-2191	Mounting Band Assembly	2	51	1	98-0904	Fender - R.H.	1	7	1
93-2195	Element - Air Cleaner	2	*54	1	98-0920	Valve - Acceleration	16	9	2
93-3101	Cap - Fuel	11	1	1	218-461	Nut - Lock	9	7	1
93-4365	Reservoir Cap Assembly	18	3	1	218-594	Fuse - 20 Amp	9	11	2
93-6668	Decal - Battery	11	27	1	232-35	Valve - Stem	4	15	1
93-6838	Hub	4	18	1	232-35	Valve - Stem	23	19	2
93-6838	Hub - Wheel	23	17	2	233-39	Handle	6	3	1
93-6850	Brake Lever Assembly	23	11	2	233-39	Handle	20	24	1
93-7170	Cap - Fuel (Europe)	11	1	1	233-39	Handle	19	28	1
93-7252	Decal - CE Mark (Europe)	2	44	1	237-21	Seal - O-Ring	26	15	2
93-7272	Decal - Caution (Europe)	18	38	2	237-21	Seal - O-Ring	20	5	2
93-7276	Decal - Danger	11	26	1	237-22	Seal - O-Ring	15	24	2
93-7442	Decal - Parking Lever	2	55	1	237-22	Seal - O-Ring	18	29	2
93-9050	Decal - Operating (Europe)	2	37	1	237-22	Seal - O-Ring	23	40	1
93-9051	Decal - Eccentric Bolt	14	22	1	237-22	Seal - O-Ring	20	13	3
93-9052	Decal - Danger (Europe)	2	36	3	237-30	O-Ring	16	12	2

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237-30	Seal - O-Ring	15 2 4	321-3	Screw - Cap Hex. Hd.	9 1 4
237-30	Seal - O-Ring	4 21 4	321-3	Screw - Cap Hex. Hd.	11 11 2
237-30	Seal-O-Ring	19 16 8	321-3	Screw - Cap Hex. Hd.	18 14 6
237-30	Seal-O-Ring	23 32 4	321-3	Screw - Cap Hex. Hd.	1 18 2
237-42	O-Ring	21 2 2	321-4	Screw - HH	23 13 8
237-42	Seal - O-Ring	15 22 2	321-9	Screw - Hex. Head	8 23 1
237-42	Seal - O-Ring	23 38 1	321-10	Screw - Cap Hex. Hd.	4 38 1
237-42	Seal-O-Ring	20 15 2	321-23	Screw - Cap Hex. Hd.	20 3 3
237-78	O-Ring	27 1 2	322-1	Screw - Cap Hex. Hd.	1 15 2
237-78	Seal - O-Ring	26 16 2	322-2	Screw - Cap Hex. Hd.	7 3 10
237-78	Seal-O-Ring	20 7 2	322-2	Screw - Cap Hex. Hd.	1 9 2
237-79	O-Ring	16 10 3	322-2	Screw - Cap Hex. Hd.	18 22 4
237-79	Seal - O-Ring	18 5 4	322-3	Screw - Cap Hex. Hd.	6 14 3
237-79	Seal - O-Ring	15 7 3	322-3	Screw - Cap Hex. Hd.	19 17 2
237-79	Seal-O-Ring	19 14 8	322-4	Screw - Cap Hex. Hd.	15 15 8
237-80	O-Ring	16 34 2	322-4	Screw - Cap Hex. Hd.	12 29 8
237-80	Seal - O-Ring	4 19 2	322-4	Screw - HH	16 38 4
237-80	Seal - O-Ring	15 33 1	322-5	Screw - Cap Hex. Hd.	6 11 3
237-80	Seal-O-Ring	23 30 4	322-8	Screw - Cap Hex. Hd.	14 15 1
237-86	O-Ring	16 2 4	322-9	Screw - Cap Hex. Hd.	12 36 4
237-95	O-Ring	16 40 1	322-11	Screw - Hex. Head	8 20 2
237-143	Grommet	11 5 2	322-14	Screw - Cap Hex. Hd.	13 1 1
237-146	Seal - O-Ring	18 8 3	322-16	Screw - HH	19 1 1
237-164	Grommet - Rubber	2 45 1	322-43	Screw - Cap Hex. Hd.	6 5 1
238-14	Pin - Clevis	8 5 1	323-5	Screw - Cap Hex. Hd.	11 18 4
240-3	Grommet	1 1 1	323-5	Screw - Cap Hex. Hd.	18 21 3
240-11	Grommet	18 19 3	323-9	Screw - Cap Hex. Hd.	7 12 2
240-11	Grommet	11 20 4	323-10	Screw - Cap Hex. Hd.	14 1 1
242-50	Nut - Lock	23 21 8	323-10	Screw - Cap Hex. Hd.	12 35 2
242-50	Nut - Lug	4 6 4	323-11	Screw - Cap Hex. Hd.	26 3 1
2410-73	Retainer - Teather	18 1 1	323-11	Screw - Cap Hex. Hd.	12 37 2
2412-34	Clamp - Hose	18 10 3	323-29	Screw - Cap Hex. Hd.	4 13 3
2412-34	Clamp - Hose	15 31 1	323-33	Screw - Cap Hex. Hd.	12 34 4
2412-36	Clamp - Hose	18 7 1	323-34	Screw - Cap Hex. Hd.	26 11 1
2412-36	Clamp - Hose	11 16 2	323-45	Screw - HH	17 55 4
2412-36	Clamp - Hose	15 35 1	325-13	Screw - Cap Hex. Hd.	23 26 8
2412-93	Clamp - R	11 3 2	3210-2	Screw - Cap Hex. Hd.	12 54 2
2412-98	Clamp - Hose	11 14 3	3217-5	Nut	19 24 1
2412-98	Clamp - Hose	12 17 1	3217-5	Nut - Hex.	11 10 2
2412-108	Clamp - Worm	19 5 2	3217-25	Nut - Hex	9 15 2
2412-109	Clip - J	11 23 1	3218-2	Nut - Jam	7 21 2
2412-130	Clamp - Hose	1 13 2	3218-5	Nut - Jam	13 10 1
2412-133	Clamp - R	7 1 2	3218-13	Nut - Hex.	1 21 2
2412-138	Clamp - R	19 9 2	3219-14	Nut - Hex.	9 17 2
2412-138	Clamp - R	20 18 1	3219-14	Nut - Hex.	1 20 2
251-307	Bearing	14 16 2	3220-2	Nut - Jam	23 7 2
251-352	Bearing Assembly	4 10 1	3230-18	Bolt - Carriage	1 8 4
251-352	Screw - Set	4 14 2	3234-1	Screw - Hex. Head Flange	8 8 4
252-82	Bearing - Needle	16 44 1	3234-7	Screw - Hex. Flange Hd.	2 39 4
254-61	Cup - Bearing	4 30 2	3234-29	Screw - Hex. Flange Hd.	2 43 2
254-70	Cone - Bearing	4 29 2	3241-5	Screw - Set Sq. Hd.	15 11 6
256-113	Bushing - Flange	14 11 2	3253-3	Washer - Lock	18 13 2
256-185	Bushing - Sleeve	6 26 1	3253-4	Washer - Lock	7 2 2
256-219	Bushing - Flange	13 2 2	3253-7	Washer - Lock	23 27 8
2710-11	Link - Connecting	6 18 2	3254-1	Washer - Lock	1 19 2
2710-20	Link - Offset	20 2 1	3254-2	Washer - ITLW	12 24 1
282-2	Clevis - Adjust	23 6 2	3254-2	Washer - Lock	1 22 2
283-1	Pin - Clevis	23 8 2	3254-5	Washer - Lock	9 6 1
283-62	Pin - Clevis	8 18 1	3255-7	Washer - ETLW	12 8 3
285-17	Plug	2 46 1	3255-20	Washer - E.T.L.W.	9 14 2
285-17	Plug - Pipe	16 23 2	3256-1	Washer - Flat	9 3 4
302-5	Fitting - Grease	4 12 1	3256-4	Washer - Flat	18 20 3
302-60	Fitting - Grease	14 13 1	3256-22	Washer - Flat	11 6 2
302-60	Fitting - Grease	4 31 1	3256-22	Washer - Flat	18 12 2

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3256-22	Washer - Flat	1	25	2	3296-29	Nut - Lock	7	13	6
3256-23	Washer - Flat	13	5	1	3296-29	Nut - Lock	18	23	4
3256-23	Washer - Flat	6	7	4	3296-29	Nut - Lock	19	27	1
3256-23	Washer - Flat	8	21	2	3296-29	Nut - Lock	12	32	8
3256-24	Washer - Flat	7	11	4	3296-29	Nut - Lock	12	20	4
3256-24	Washer - Flat	13	13	2	3296-39	Nut - Hex. Lock	8	6	4
3256-24	Washer - Flat	12	30	8	3296-39	Nut - Lock	4	4	3
3256-26	Washer - Flat	13	8	1	3296-39	Nut - Lock	13	14	1
3256-70	Washer - Flat	3	4	16	3296-39	Nut - Lock	7	16	2
3257-32	Key - Woodruff	15	9	2	3296-39	Nut - Lock	26	17	1
3257-32	Key - Woodruff	16	19	2	3296-39	Nut - Lock	14	23	1
3257-42	Key - Woodruff	23	2	2	3296-39	Nut - Lock	12	28	4
3257-42	Key - Woodruff	24	17	1	3296-42	Nut - Hex. Lock	23	3	8
3257-42	Key - Woodruff	5	17	1	3296-42	Nut - Hex. Lock	8	3	1
3257-42	Key - Woodruff	4	26	1	32103-12	Nut - Wing	11	7	2
3257-42	Key - Woodruff	25	17	1	32105-13	Screw - Cap Hex. Hd.	1	5	4
3258-166	Screw - Phillips Hd.	9	4	4	32105-21	Screw - Machine	14	3	2
3269-32	Rivet - Pop	12	9	2	32120-11	Ring - Retaining	16	46	1
3272-6	Pin - Cotter	23	10	2	32120-47	Ring - Retaining	23	25	2
3272-10	Pin - Cotter	23	4	2	32121-6	Pin - Roll	8	9	2
3272-10	Pin - Cotter	8	17	2	32121-15	Pin - Roll	6	24	2
3272-12	Pin - Cotter	8	15	2	32121-91	Pin - Spring	17	49	4
3272-16	Pin - Cotter	13	7	1	32121-111	Pin - Roll	6	2	1
3272-37	Pin - Cotter	4	32	1	32121-112	Pin - Roll	6	13	1
3274-4	Pin - Cotter	7	14	2	32128-20	Nut - Flange Lock	1	17	2
3274-5	Screw - Hex. Socket Hd.	15	20	2	32128-20	Nut - Flange Lock	7	18	4
3274-31	Screw - Hex. Socket Hd.	9	*	3	32136-9	Nut - Slotted	4	1	1
3274-31	Screw - Hex. Socket Hd.	26	6	3	32141-36	Screw - Leveling	7	20	2
3274-55	Screw - Hex. Socket Hd.	3	3	8	32144-11	Screw - Cap Hex. Hd.	1	3	8
3274-86	Screw - Hex. Socket Hd.	18	27	2	32144-11	Screw - Self Tapping	11	4	3
3274-93	Screw - Hex. Socket Hd.	4	28	2	32144-11	Screw - Thread Forming	19	8	2
3289-24	Screw - Socket Flat Hd.	6	28	1	32144-11	Screw - Thread Forming	20	20	1
3290-256	Pin - Hair	26	18	2	32144-11	Screw - Thread Forming	18	26	3
3290-360	Screw - Cap Hex. Hd.	20	1	2	32144-14	Screw - Hex. Washer Head	8	13	4
3290-378	Tie - Cable	9	*	3	32144-73	Screw - Cap Hex. Hd.	15	29	4
3290-378	Tie - Cable	26	7	3	32148-6	Nut - Clinch	9	19	8
3290-378	Tie - Cable	12	23	2	32148-6	Nut - Clinch	18	32	4
3290-378	Tie - Cable	4	40	2	32148-8	Nut - Clinch	2	40	2
3290-477	Washer - Curved	8	1	1	32148-11	Nut - Clinch	2	41	3
3290-496	Nut - Retaining	2	42	4	32151-46	Ring - Retaining	16	28	2
3290-509	Mount - Tie	9	*	3	32152-10	Nut	27	3	1
3290-509	Mount - Tie	26	8	3	3334-945	Tie - Cable	26	9	1
3296-2	Nut - Lock	20	9	2	340-2	Fitting - Hydraulic Straight	23	39	1
3296-2	Nut - Lock	1	10	4	340-4	Fitting - Hydraulic Straight	19	15	7
3296-4	Nut - Lock	14	8	1	340-6	Fitting - Hydraulic Straight	23	31	4
3296-4	Nut - Lock	6	16	2	340-18	Fitting - Hydraulic 90°	18	36	2
3296-8	Nut - Lock	20	19	3	340-77	Fitting - Hydraulic 90°	20	22	1
3296-8	Nut - Lock	1	26	2	340-77	Fitting - Hydraulic 90°	15	23	2
3296-8	Nut - Lock	4	33	1	340-86	Fitting - Hydraulic Tee	20	14	1
3296-9	Nut - Lock	14	21	2	340-89	Fitting - Hydraulic 45°	4	20	2
3296-23	Nut - Lock	15	10	2	340-92	Fitting - Hydraulic Straight	20	10	1
3296-23	Nut - Lock	13	12	1	340-98	Fitting - Hydraulic 90°	15	6	2
3296-23	Nut - Lock	4	25	2	340-98	Fitting - Hydraulic 90°	19	18	1
3296-29	Nut - Hex.	15	12	8	340-142	Fitting - Hydraulic 90°	26	13	2
3296-29	Nut - Hex. Lock	8	4	2	353-550	Plug - Hydraulic	18	39	1
3296-29	Nut - Lock	3	2	8	353-988	Plug	16	22	1
3296-29	Nut - Lock	1	4	6	353-990	Plug	25	24	2
3296-29	Nut - Lock	14	4	2	354-78	Fitting - Hydraulic Straight	18	16	1
3296-29	Nut - Lock	13	6	1	354-120	Fitting - Hydraulic 90°	18	6	1
3296-29	Nut - Lock	6	12	6	354-126	Fitting - Hydraulic 45°	15	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.

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