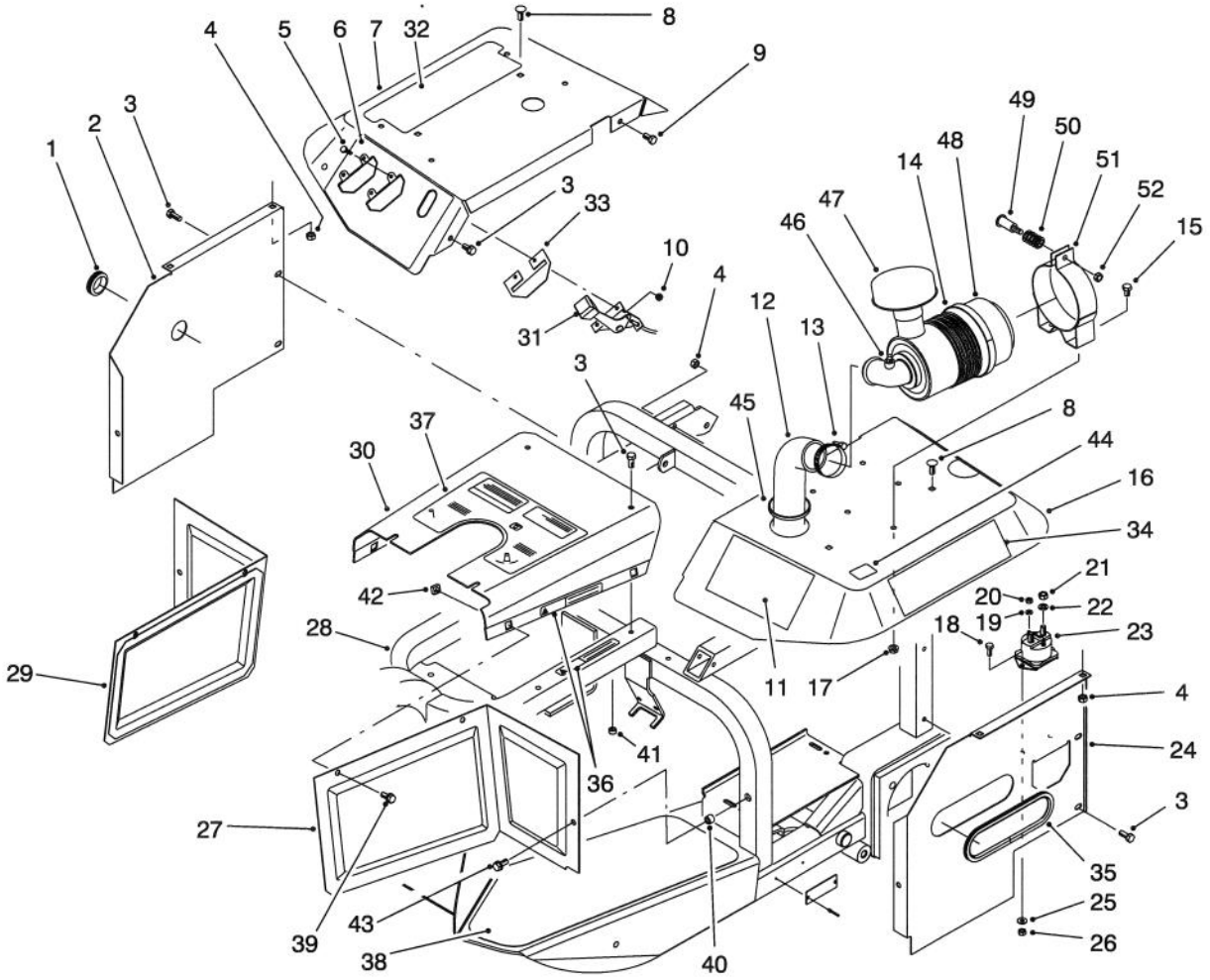
FORM NO. 3317–222 REV C

TORO®

MODEL NO. 08881–50001 & UP
MODEL NO. 08881TE–50001 & UP

PARTS CATALOG

SAND PRO® 5000



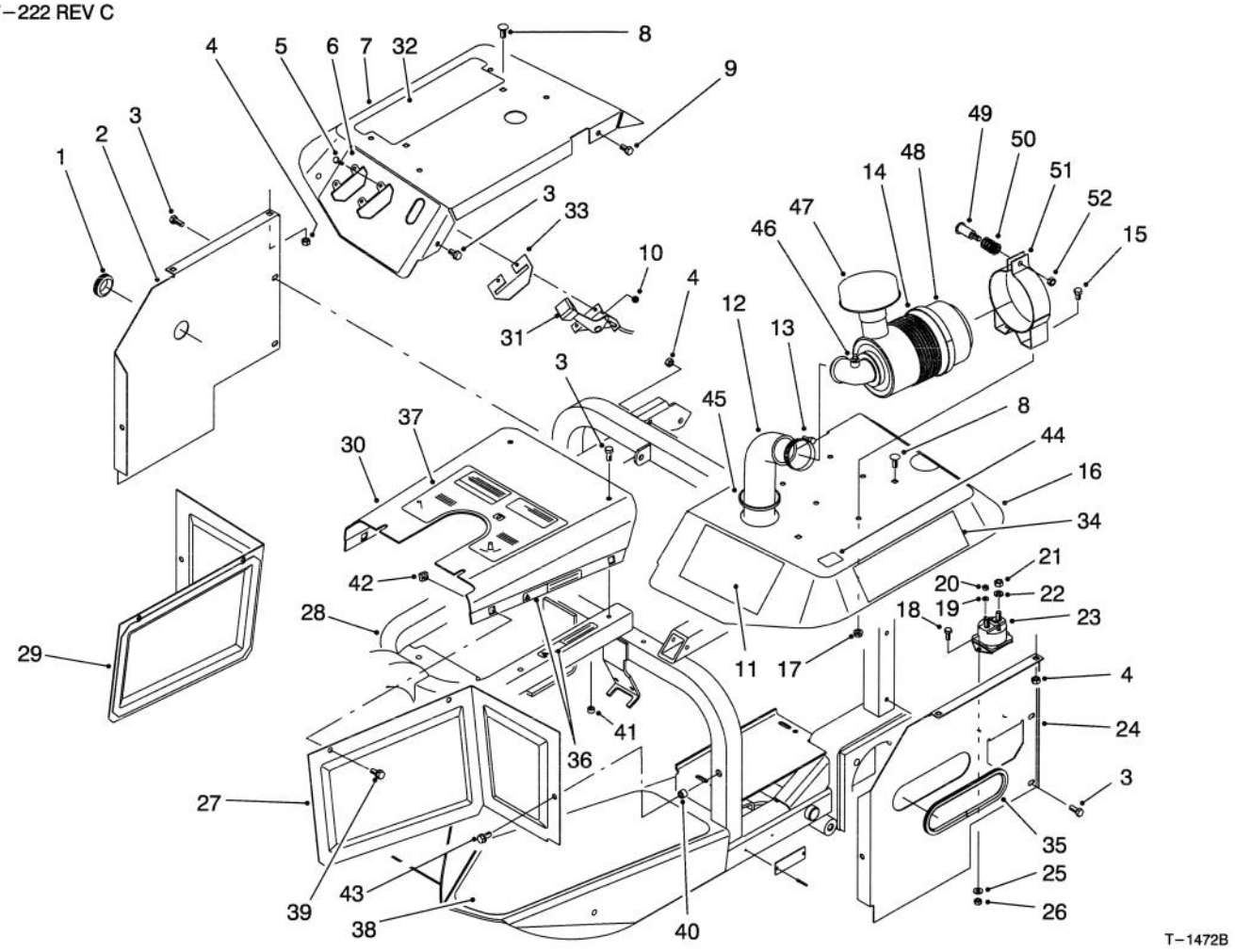
BODY ASSEMBLY

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
6	93–9055	Decal – Control (Europe)	1
6	92–1855	Decal – Control (Japanese)	1
7	94–6045	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	85–9040	Panel – Rear L.H.	1
25	3256–22	Washer – Flat	2
26	3296–8	Nut – Lock	2

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TPS

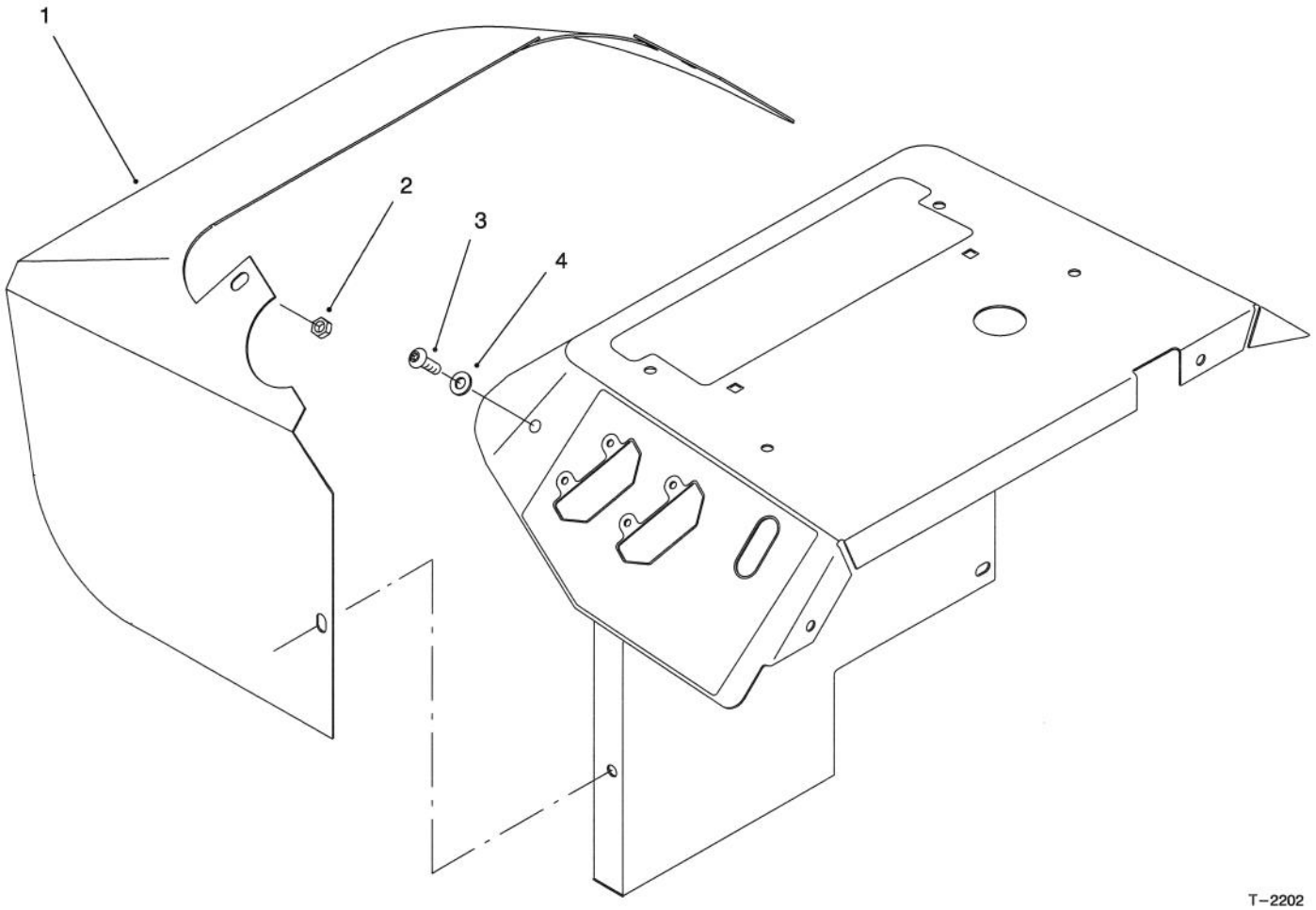


BODY ASSEMBLY (Continued)

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

Ref. No.	Part No.	Description	No. Used
38	85–8790	Tread – Floor L.H.	1
*	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

*Not Illustrated

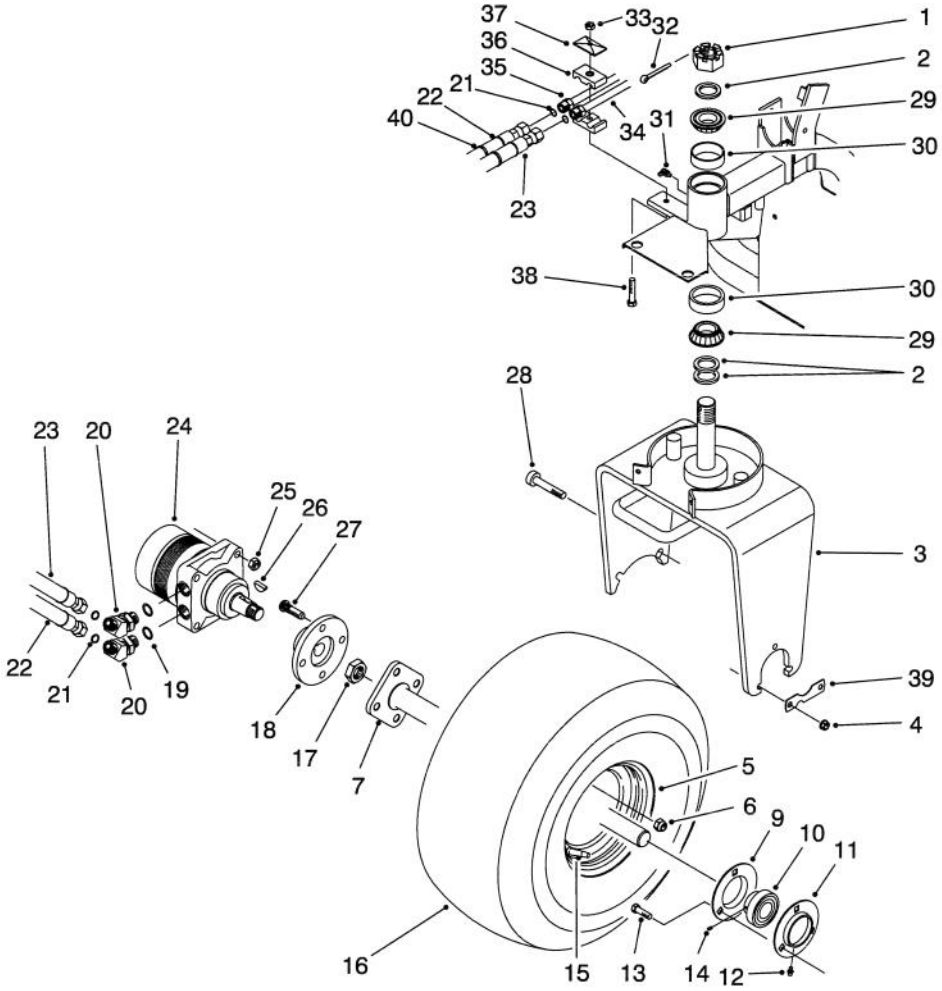


T–2202

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
3	3274–55	Screw – Hex. Socket Hd.	8
4	3256–70	Washer – Flat	16

*Not Illustrated

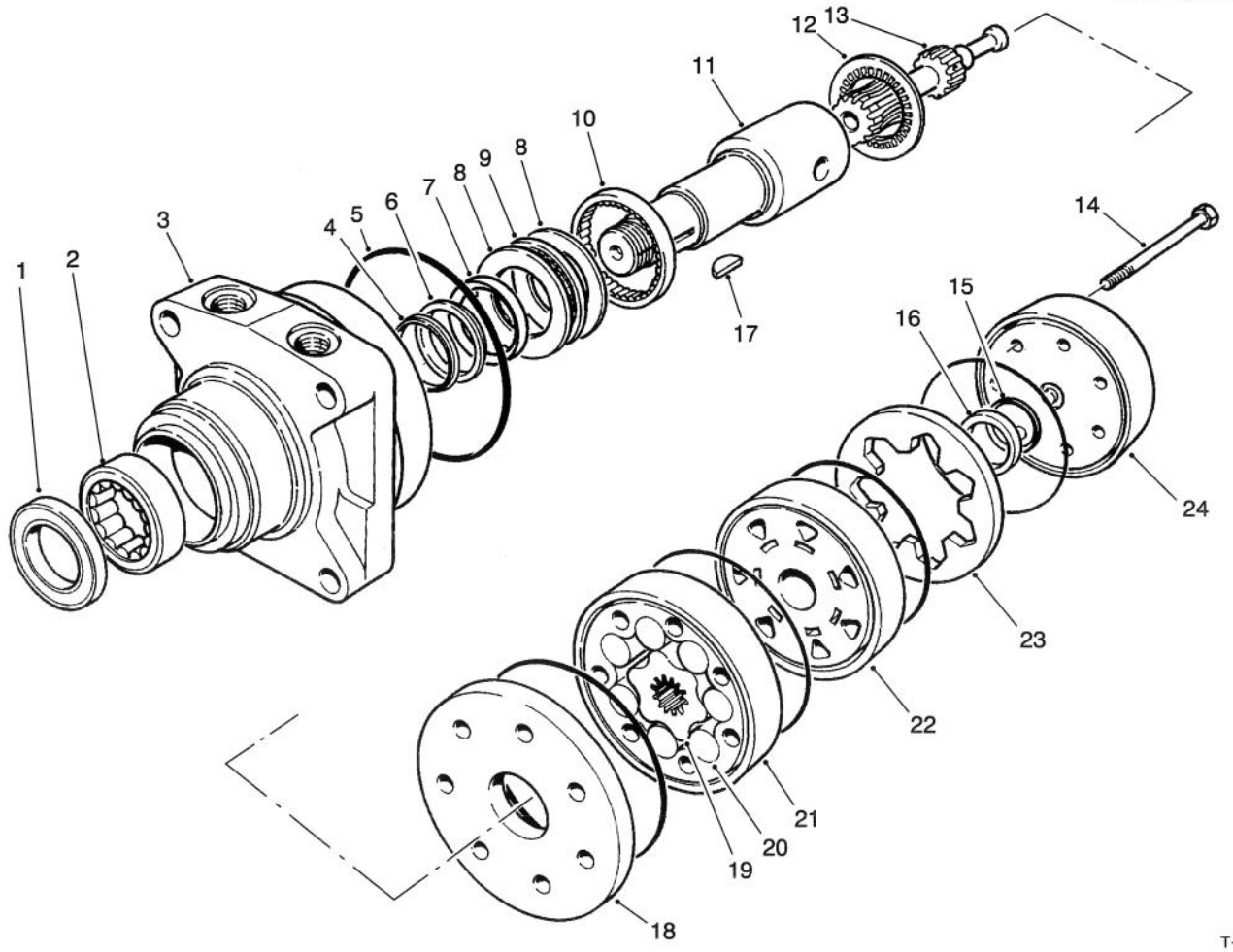


T–1468

FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32136–9	Nut – Slotted	1
2	18–6320	Washer	3
3	85–8060	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	17–4710	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



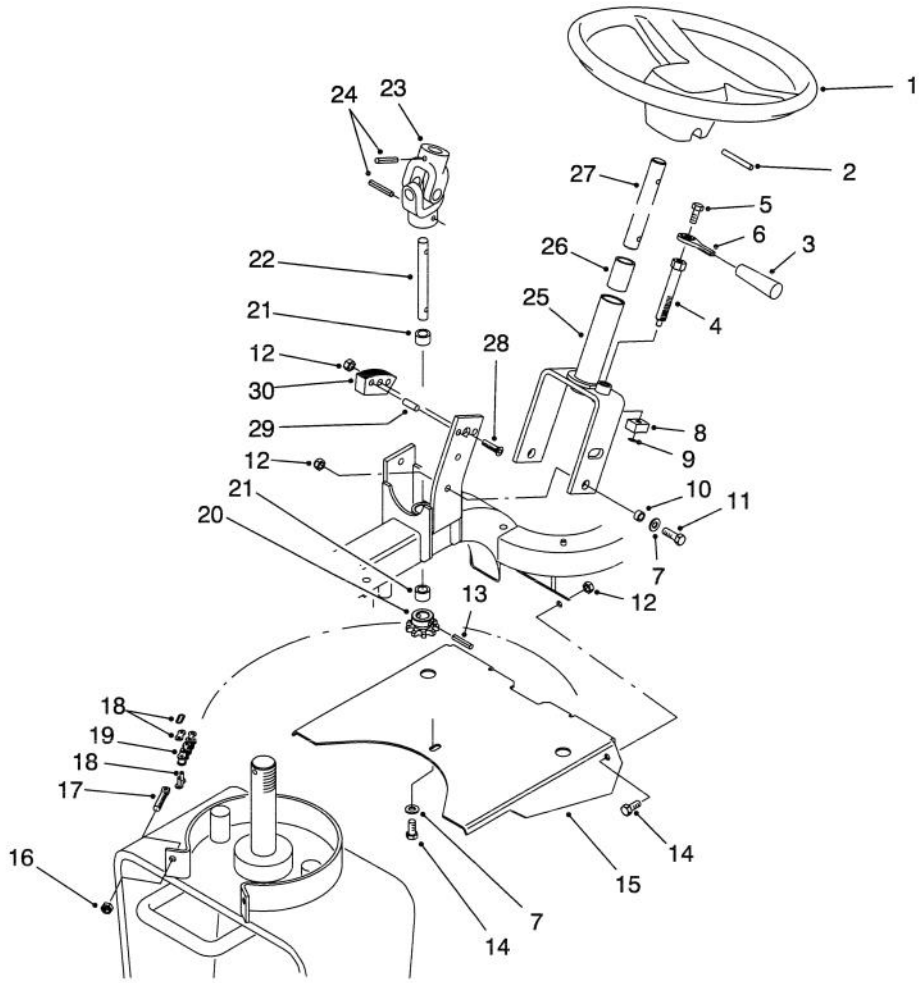
T–0983

FRONT HYDRAULIC DRIVE MOTOR NO. 75–9830

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	76–0930	Link – Drive	7
14	76–1030	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
*	76–0950	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

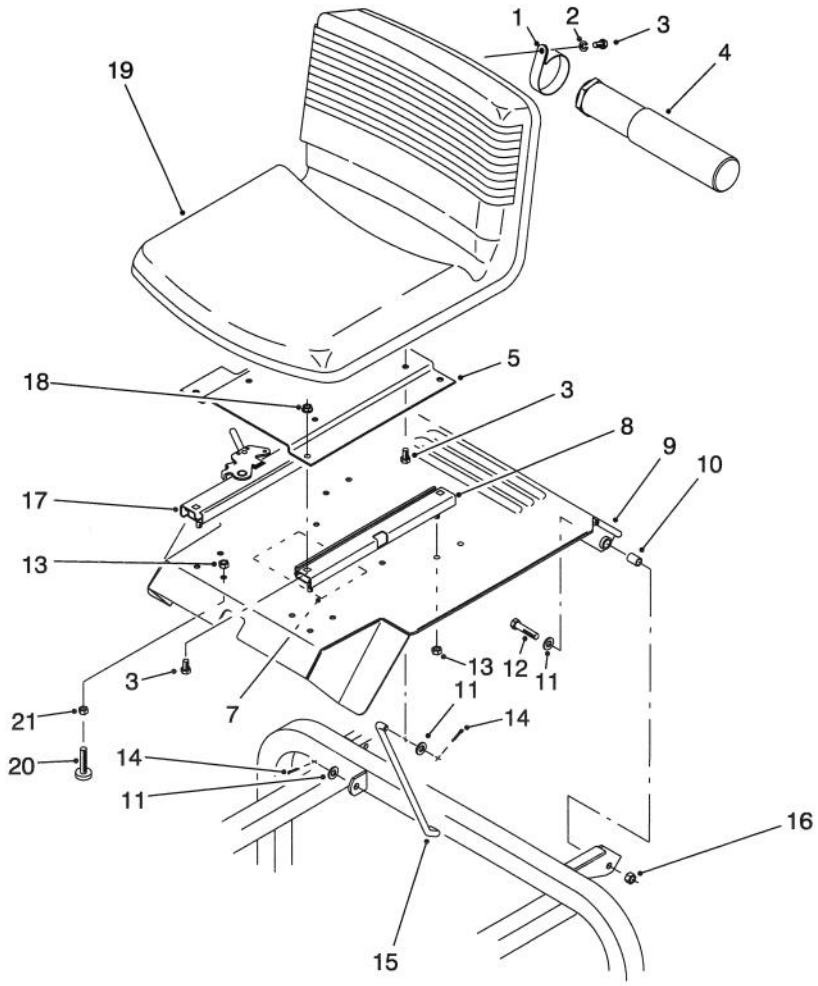
*Not Illustrated



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	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	88–8510	Dowel	2
30	88–8520	Block – Lock Lower	1

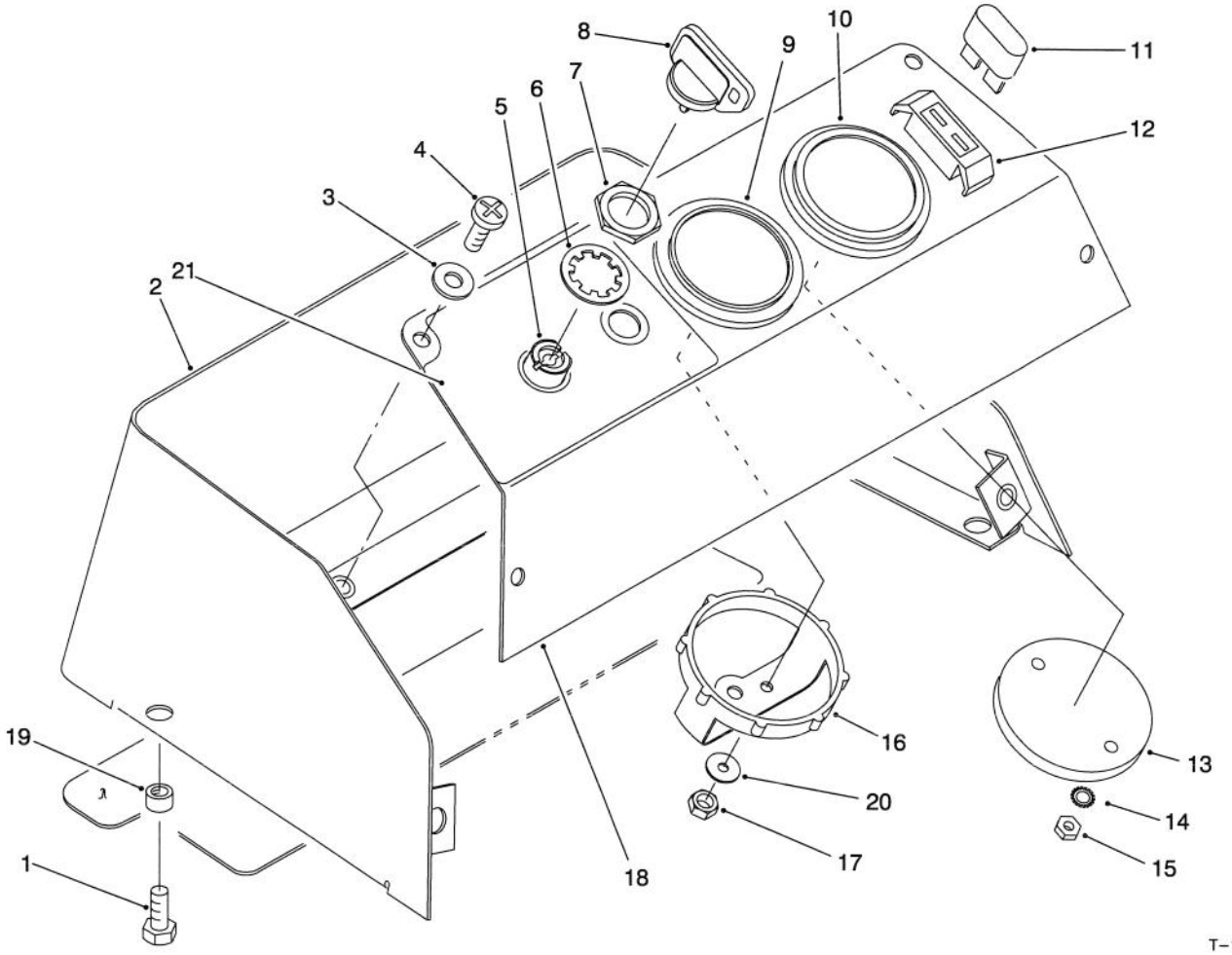


T–1470A

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412–133	Clamp – R	2
2	3253–4	Washer – Lock	2
3	322–2	Screw – Cap Hex. Hd.	10
4	74–0720	Tube – Manual	1
5	85–9660	Plate – Seat	1
7	95–0639	Decal – Service	1
7	93–9057	Decal – Service (Danish)	1
7	93–9058	Decal – Service (Dutch)	1
7	93–9059	Decal – Service (Finnish)	1
7	93–9060	Decal – Service (Italian)	1
7	93–9061	Decal – Service (Norwegian)	1
7	93–9062	Decal – Service (Portuguese)	1
7	92–1871	Decal – Service (French)	1
7	92–1872	Decal – Service (Spanish)	1
7	92–1873	Decal – Service (German)	1

Ref. No.	Part No.	Description	No. Used
7	92–1874	Decal – Service (Swedish)	1
7	92–1870	Decal – Service (Japanese)	1
8	51–0780	Slide – Seat Adjust	1
9	85–9230	Support – Seat	1
10	85–0290	Spacer – Seat Support	2
11	3256–24	Washer – Flat	4
12	323–9	Screw – Cap Hex. Hd.	2
13	3296–29	Nut – Lock	6
14	3274–4	Pin – Cotter	2
15	85–9320	Rod – Seat Prop	1
16	3296–39	Nut – Lock	2
17	51–0790	Slide – Seat Adjust	1
18	32128–20	Nut – Flange Lock	4
19	92–8976	Seat	1
20	32141–36	Screw – Leveling	2
21	3218–2	Nut – Jam	2

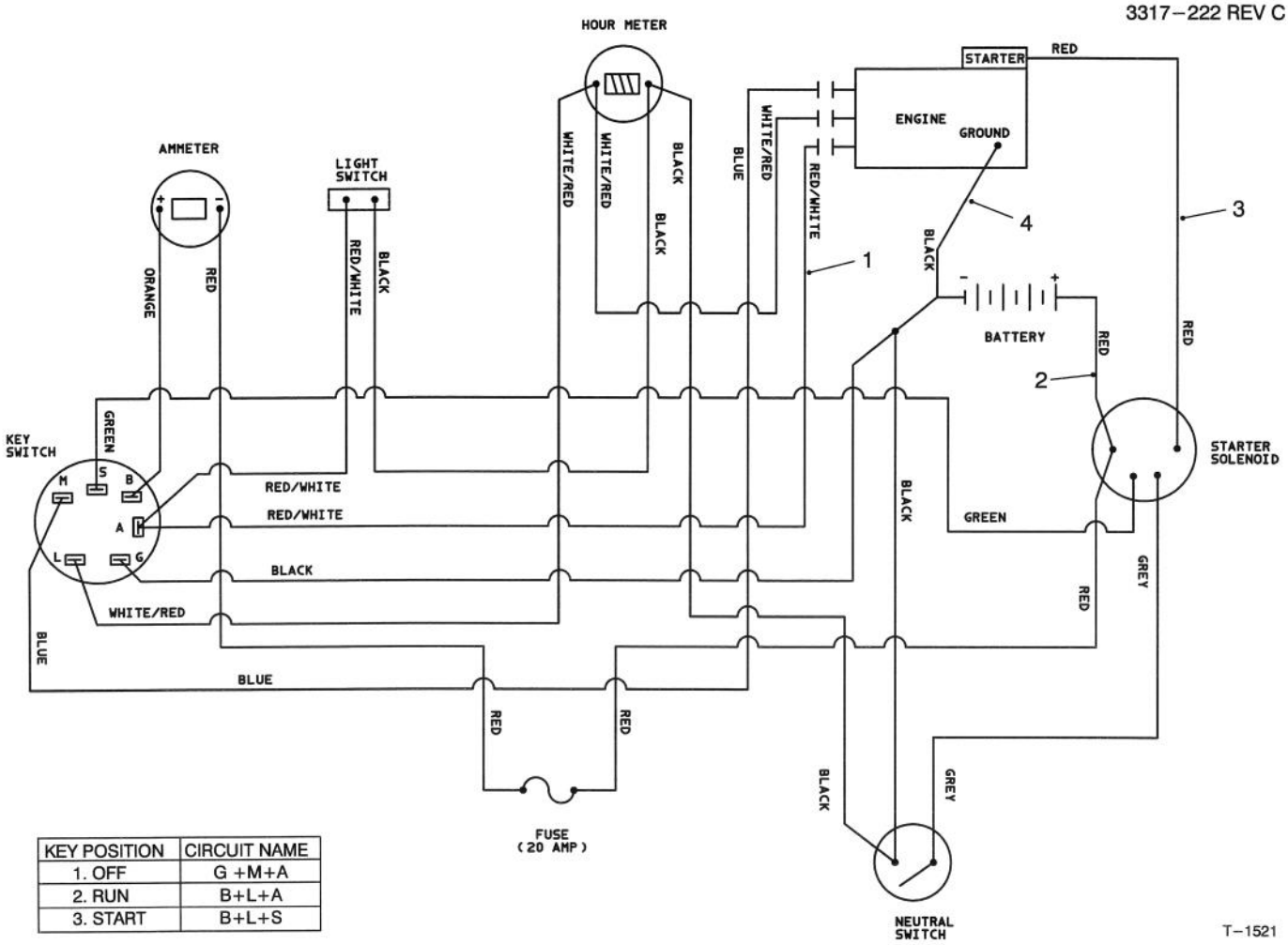


T–1479

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
21	93–9056	Decal – Console (Europe)	1
21	92–1860	Decal – Console (Japanese)	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

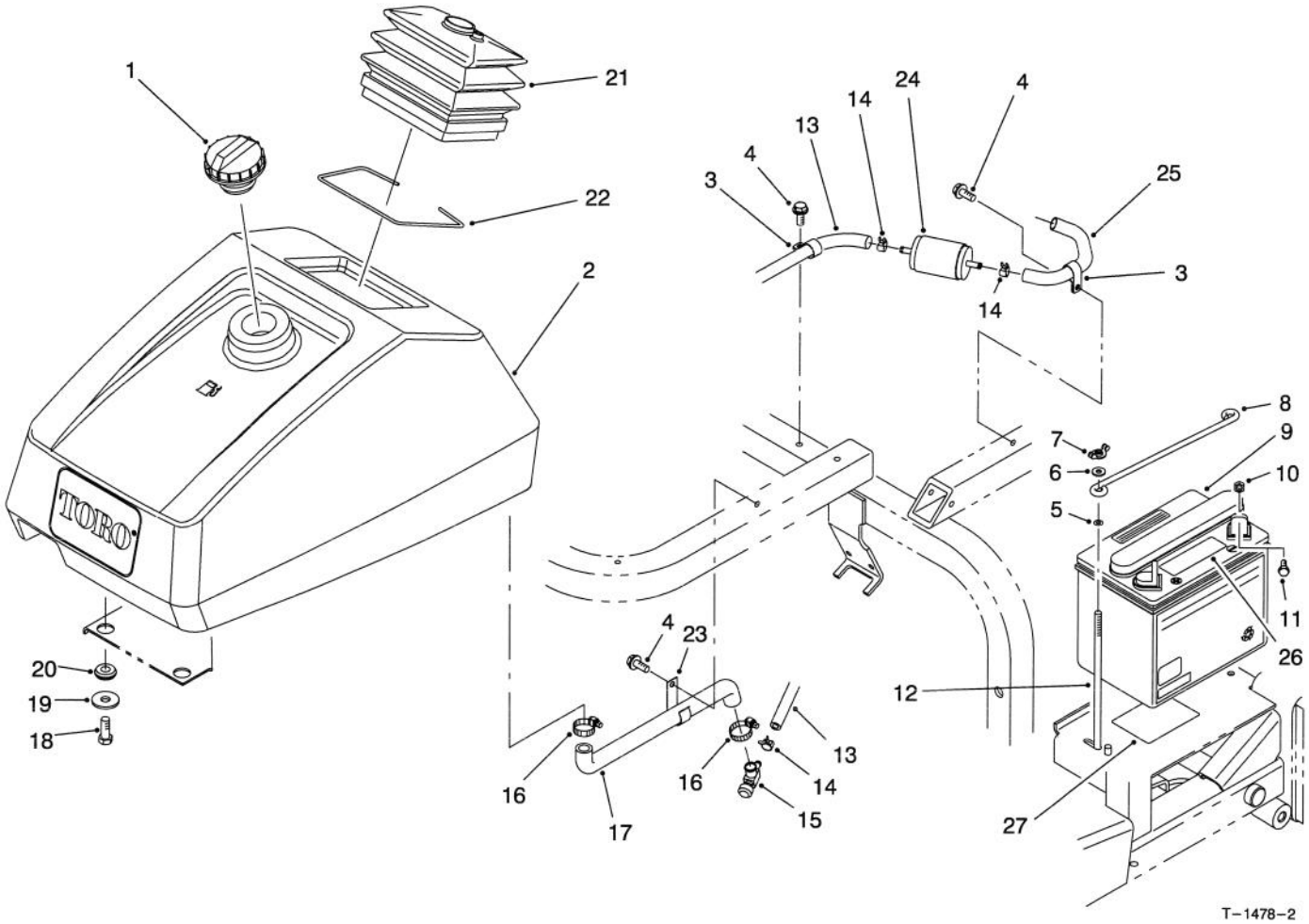


KEY POSITION	CIRCUIT NAME
1. OFF	G +M+A
2. RUN	B+L+A
3. START	B+L+S

ELECTRICAL SCHEMATIC

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

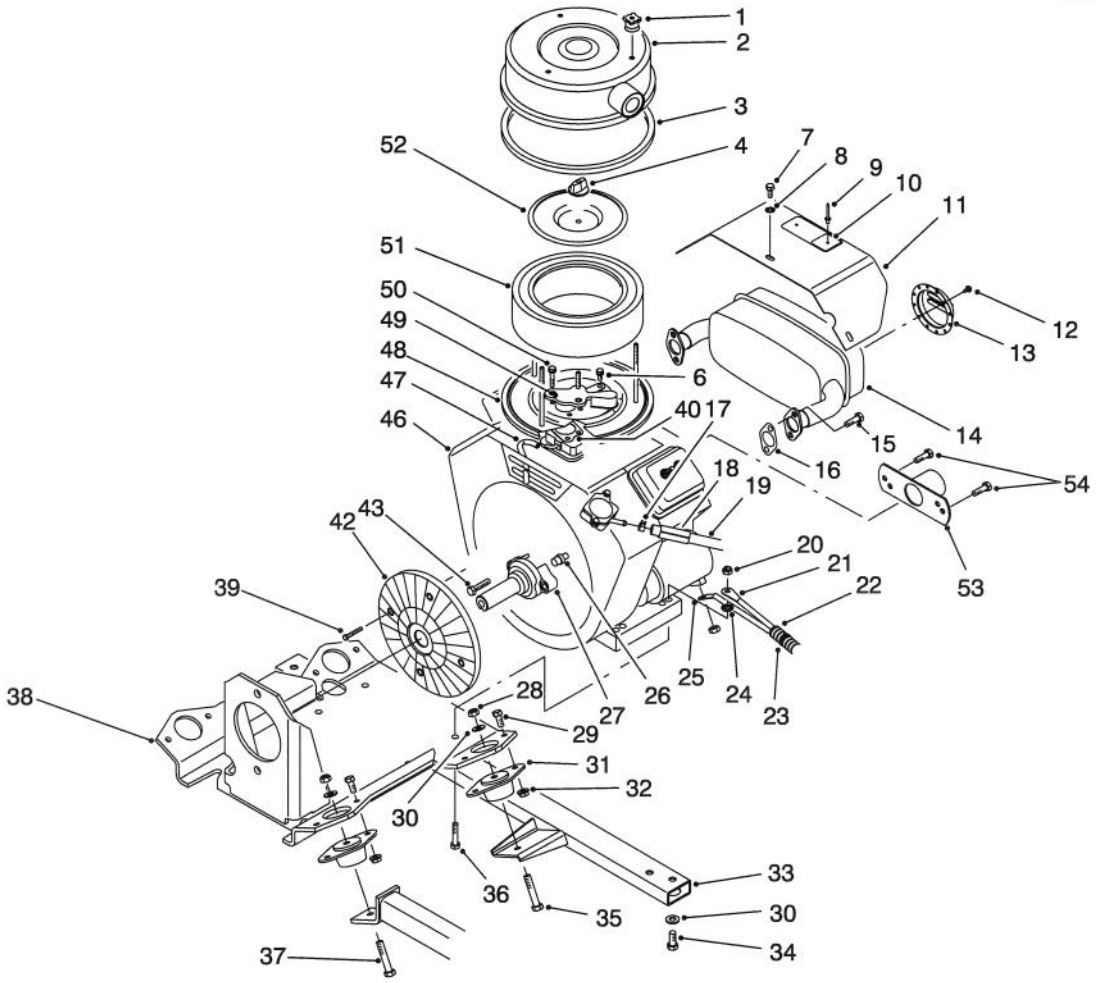
Ref. No.	Part No.	Description	No. Used
3	83–2420	Cable – Positive	1
4	88–8330	Cable – Engine Ground	1



FUEL TANK & BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–3101	Cap – Fuel	1
1	93–7170	Cap – Fuel (Europe)	1
2	92–8958	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	92–1678	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	2412–98	Clamp – Hose	3
15	83–1390	Fitting – Fuel Shut–Off	1
16	2412–36	Clamp – Hose	2
17	85–9140	Hose – Fuel	1
18	323–5	Screw – Cap Hex. Hd.	4
19	63–8410	Washer – Flat	4
20	240–11	Grommet	4
21	85–9010	Boot – Steering	1
22	85–8930	Retainer – Boot	1
23	2412–109	Clip – J	1
24	94–2690	Filter – Fuel	1
25	47–2964	Hose – Fuel	1
26	93–7276	Decal – Danger	1
27	93–6668	Decal – Battery	1



T–1474–2

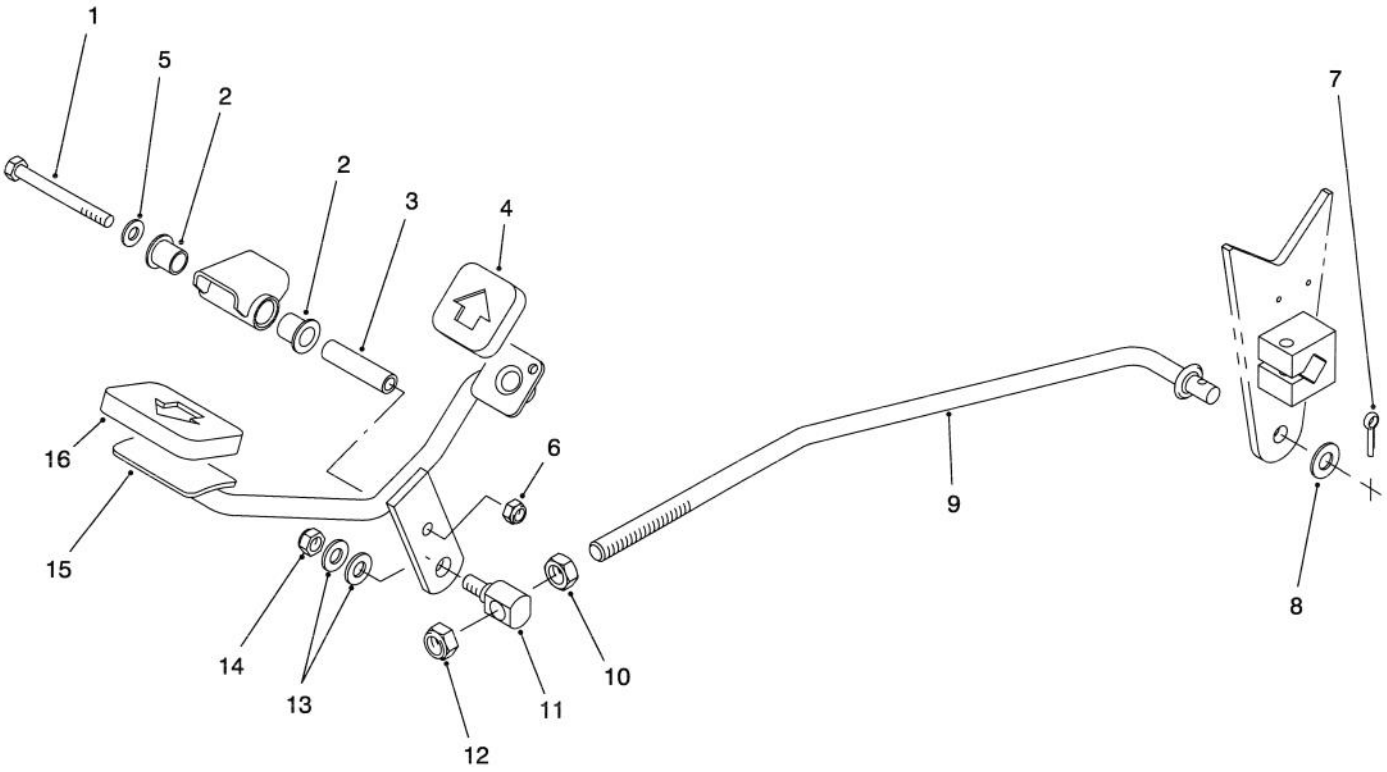
ENGINE & MUFFLER ASSEMBLY

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	83–9054	Decal – Hot (Europe)	1
10	83–6140	Plate – Hot (Japanese)	1
11	88–8380	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.

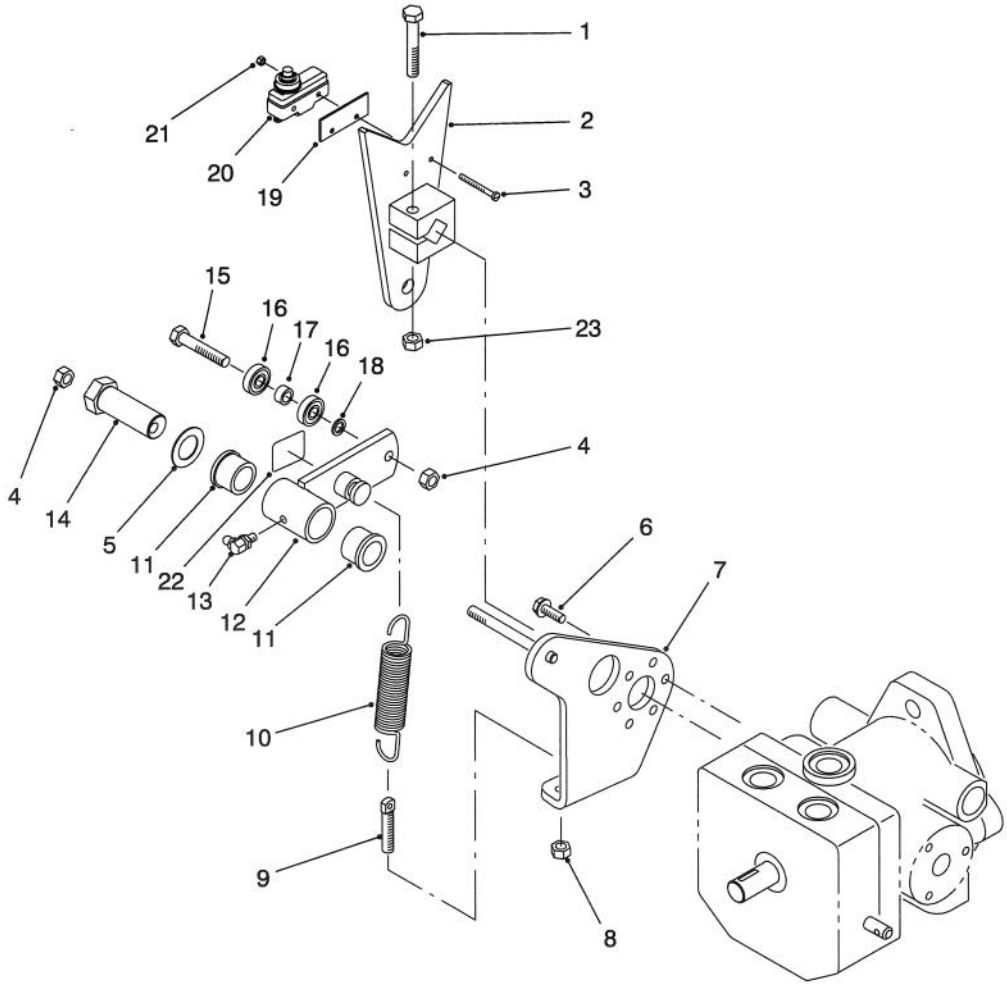


T–1476

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

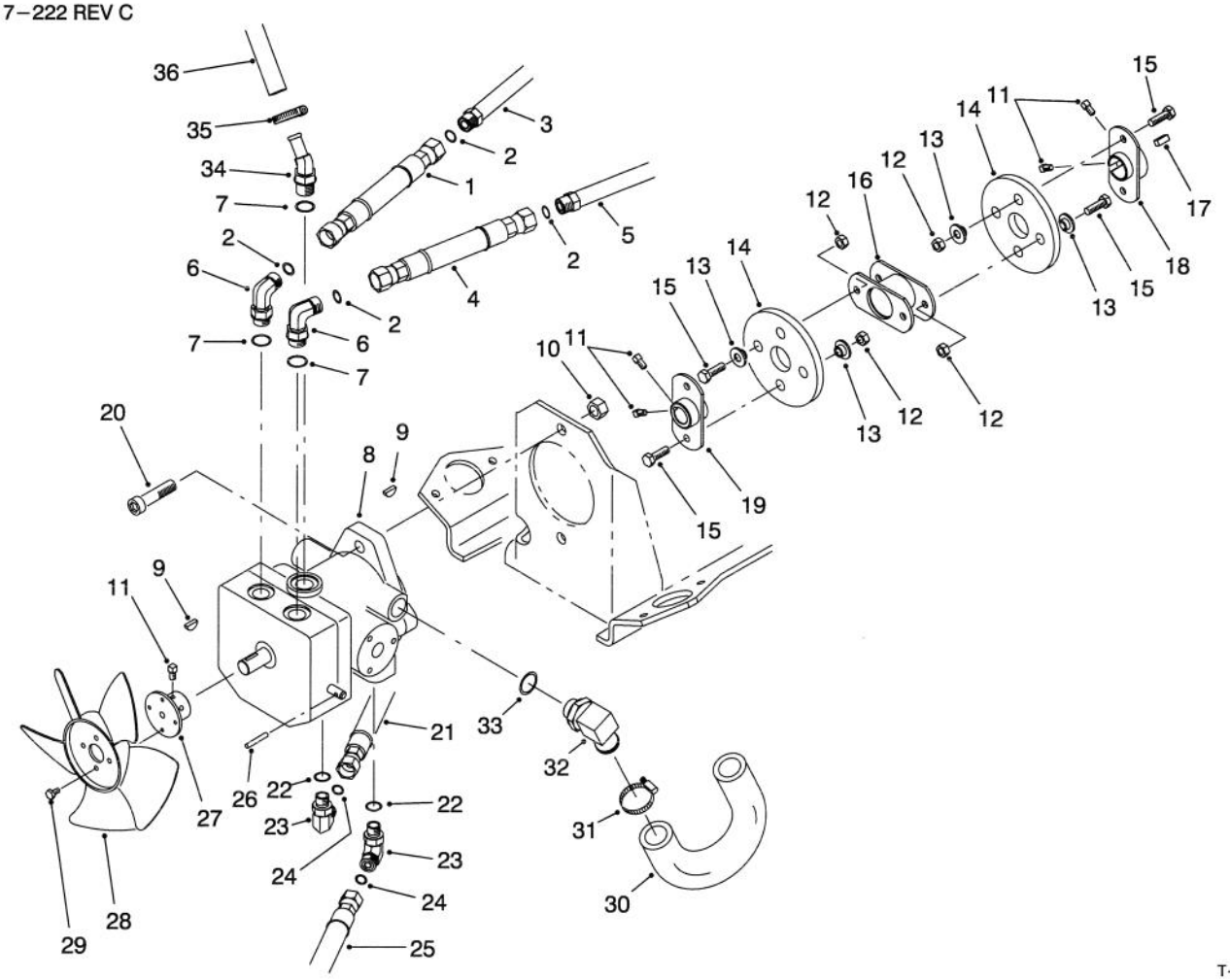


T–1480–2

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

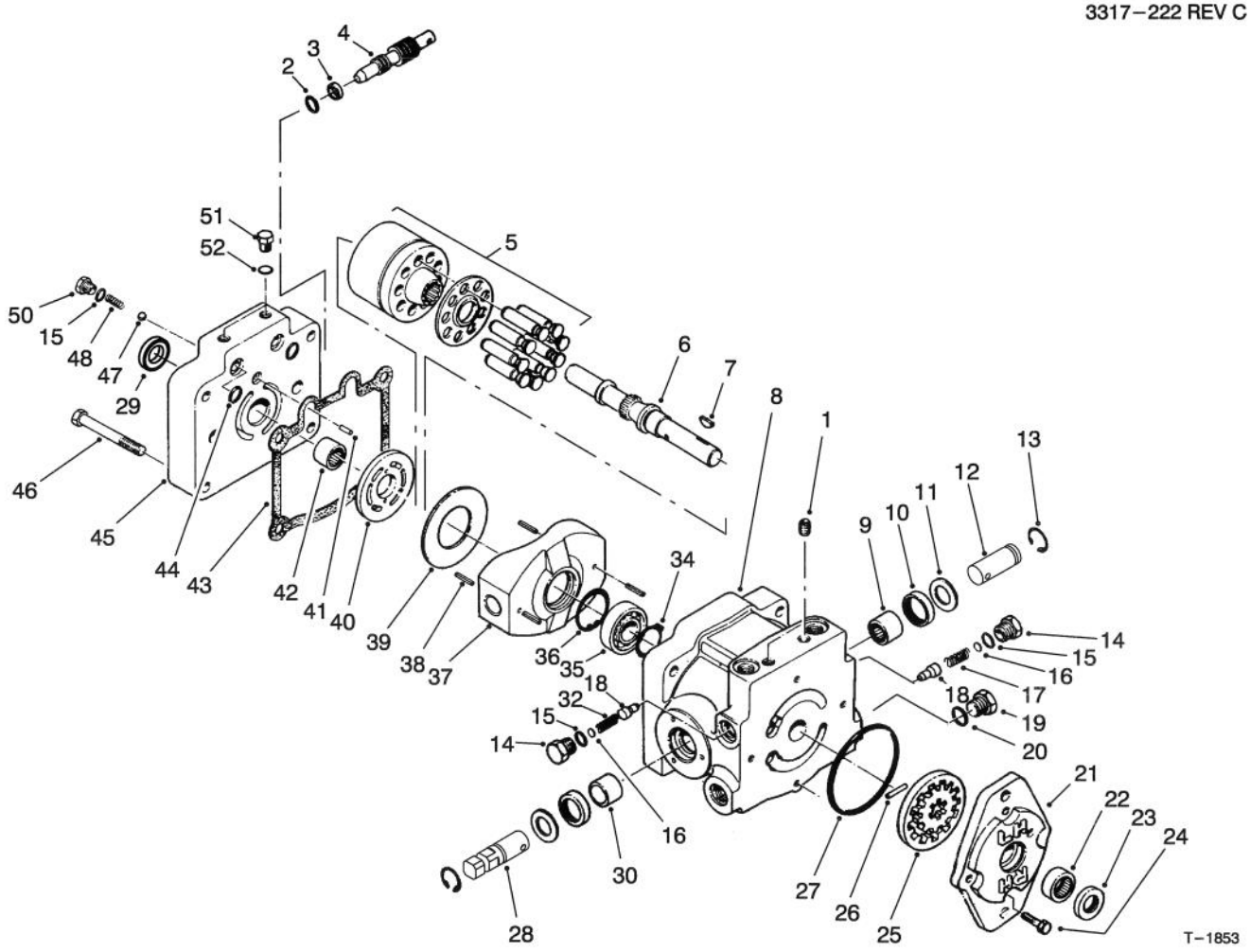


T–1475

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85–9620	Hose – Hydraulic	1
2	237–30	Seal – O–Ring	4
3	92–2348	Hydraulic Tube Assembly (Incl. Ref. #2)	1
4	85–9610	Hose – Hydraulic	1
5	85–9420	Hydraulic Tube Assembly (Incl. Ref. #2)	1
6	340–98	Fitting – Hydraulic 90° (Incl. Ref. #2 & 7)	2
7	237–79	Seal – O–Ring	3
8	92–9156	Hydraulic Pump Assembly (Incl. Ref. #9)	1
9	3257–32	Key – Woodruff	2
10	3296–23	Nut – Lock	2
11	3241–5	Screw – Set Sq. Hd.	6
12	3296–29	Nut – Hex.	8
13	27–6600	Spacer – Coupler	8
14	80–8650	Coupler – Rubber	2
15	322–4	Screw – Cap Hex. Hd.	8
16	85–8770	Coupling	1
17	85–9020	Key – Square	1
18	85–8730	Hub – Engine	1

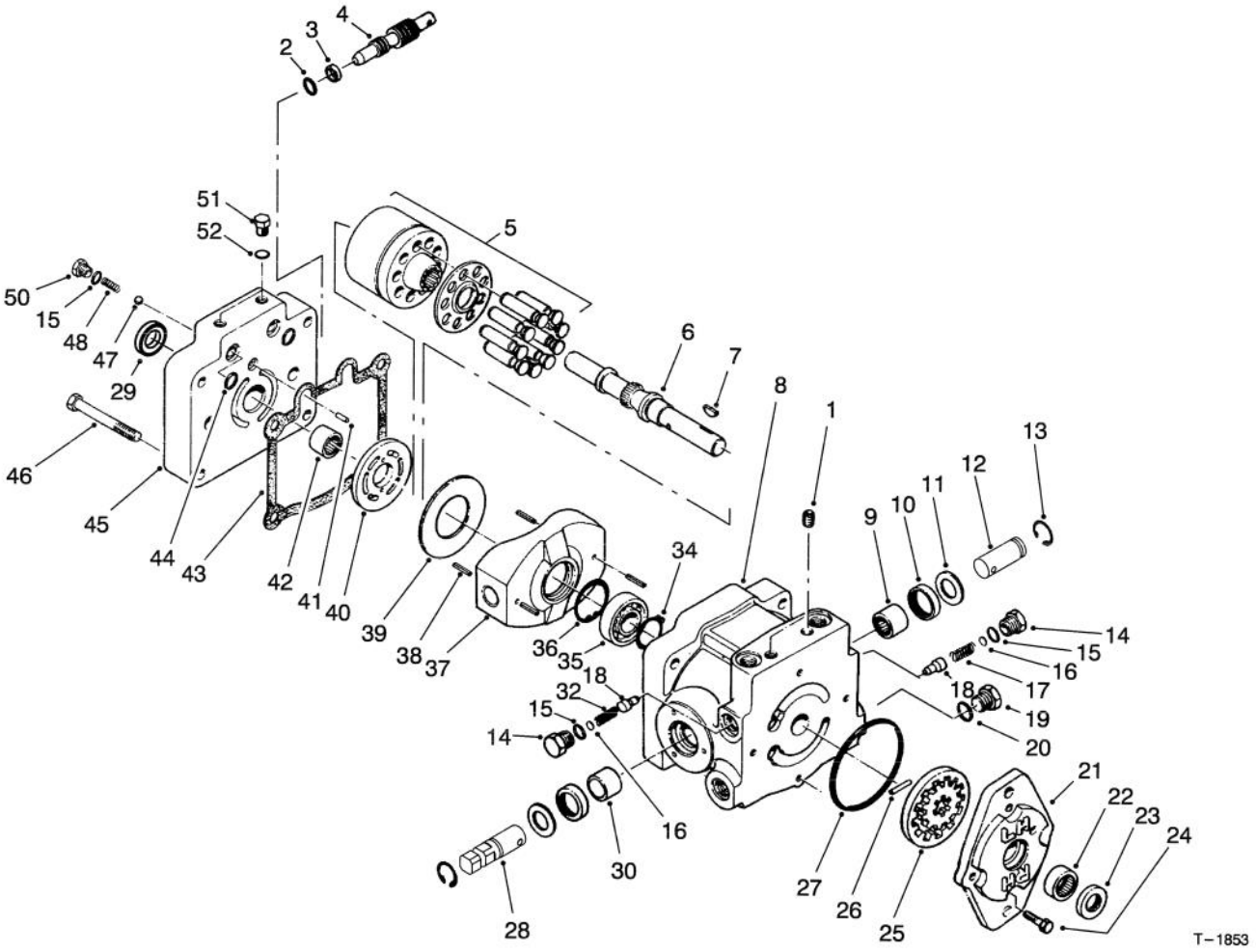
Ref. No.	Part No.	Description	No. Used
19	85–8700	Hub – Pump	1
20	3274–5	Screw – Hex. Socket Hd.	2
21	85–9600	Hose – Hydraulic	1
22	237–42	Seal – O–Ring	2
23	340–77	Fitting – Hydraulic 90° (Incl. Ref. #22 & 24)	2
24	237–22	Seal – O–Ring	2
25	85–9590	Hose – Hydraulic	1
26	32121–6	Pin– Roll	1
27	85–8670	Hub – Fan	1
28	85–9560	Fan	1
29	32144–73	Screw – Cap Hex. Hd.	4
30	85–7680	Hose – Hydraulic	1
31	2412–34	Clamp – Hose	1
32	61–2710	Fitting – Hydraulic 90° (Incl. Ref. #33)	1
33	237–80	Seal – O–Ring	1
34	354–126	Fitting – Hydraulic 45° (Incl. Ref. #7)	1
35	2412–36	Clamp – Hose	1
36	85–9450	Hose – Hydraulic	1



HYDRAULIC PUMP ASSEMBLY NO. 92–9156

Ref. No.	Part No.	Description	No. Used
1	285–17	Plug – Pipe	2
2	237–22	O–Ring	1
3	25–2630	Ring	1
4	88–8220	Valve – By–Pass	1
5	25–2600	Cylinder Block Kit	1
6	88–8140	Shaft – Pump	1
7	3257–32	Key – Woodruff	1
8	88–8170	Kit – Housing	1
9	252–82	Bearing – Needle	1
10	25–3210	Seal – Lip	2
11	25–2510	Washer	2
12	25–2500	Shaft – Trunnion	1
13	32151–46	Ring – Retaining	2
14	25–2460	Plug	2
15	237–86	O–Ring	4
16	25–2470	Kit – Shim Pack	2
17	25–2570	Spring – Relief Valve	1
18	83–7260	Cone – Relief	2
19	88–8210	Plug Assembly (Incl. Ref. #20)	1
20	237–80	O–Ring	1
21	25–2690	Housing – Charge Pump	1
22	67–8050	Bearing – Needle	1
23	67–8060	Seal – Lip	1
24	322–4	Screw – Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
25	25–2680	Gerotor Assembly	1
26	25–2530	Pin – Straight	1
27	237–95	O–Ring	1
28	88–8180	Shaft – Trunnion	1
29	88–8230	Seal – Lip	1
30	88–8190	Bearing – Journal	1
32	25–2480	Spring – Charge Relief	1
34	32120–15	Ring – Retaining	1
35	251–8	Bearing – Ball	1
36	32120–11	Ring – Retaining	1
37	25–2450	Swashplate	1
38	32121–91	Pin – Coiled Spring	3
39	25–2380	Plate – Thrust	1
40	88–8160	Plate – Valve	1
41	25–2430	Pin – Straight	1
42	46–8400	Bearing – Needle	1
43	25–2400	Gasket	1
44	237–30	O–Ring	2
45	92–9074	Cap – Pump End	1
46	323–45	Screw – Cap Hex. Hd.	4
47	25–2490	Ball – Check Valve	2
48	25–2640	Spring – Check Valve	2
50	25–2650	Plug – Check Valve	2
51	92–8776	Plug Assembly (Incl. Ref. #52)	2

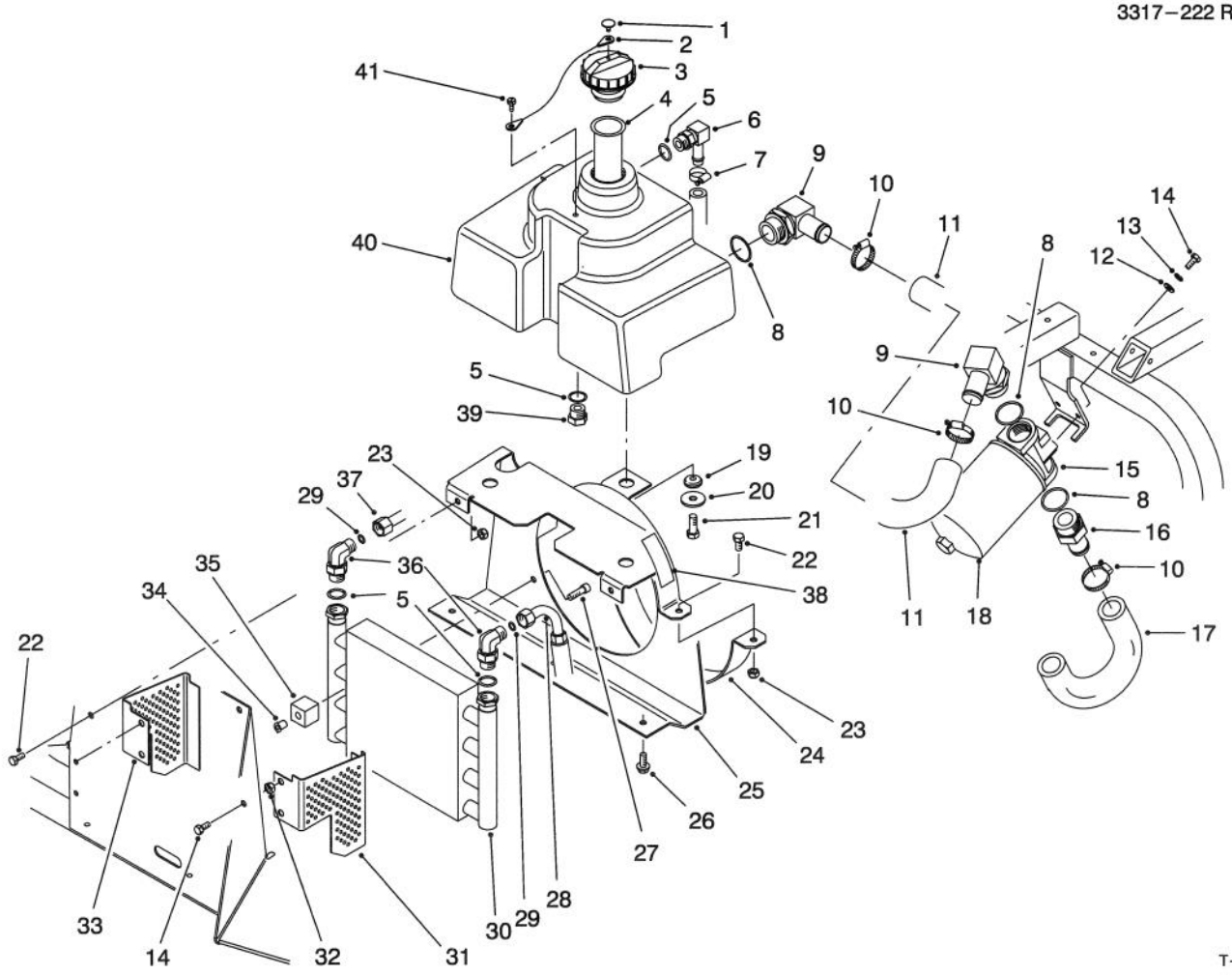


HYDRAULIC PUMP ASSEMBLY NO. 92–9156 (Continued)

Ref. No.	Part No.	Description	No. Used
52	92–8777	Seal – O–Ring	2
*	25–3180	Kit – Check Valve (Incl. Ref. #15, 47, 48 & 50)	1

Ref. No.	Part No.	Description	No. Used
*	49–8520	Kit – Implement Relief (Incl. Ref. #14–18)	1
*	49–8510	Kit – Charge Relief (Incl. Ref. #14–16, 18 & 32)	1

*Not Illustrated

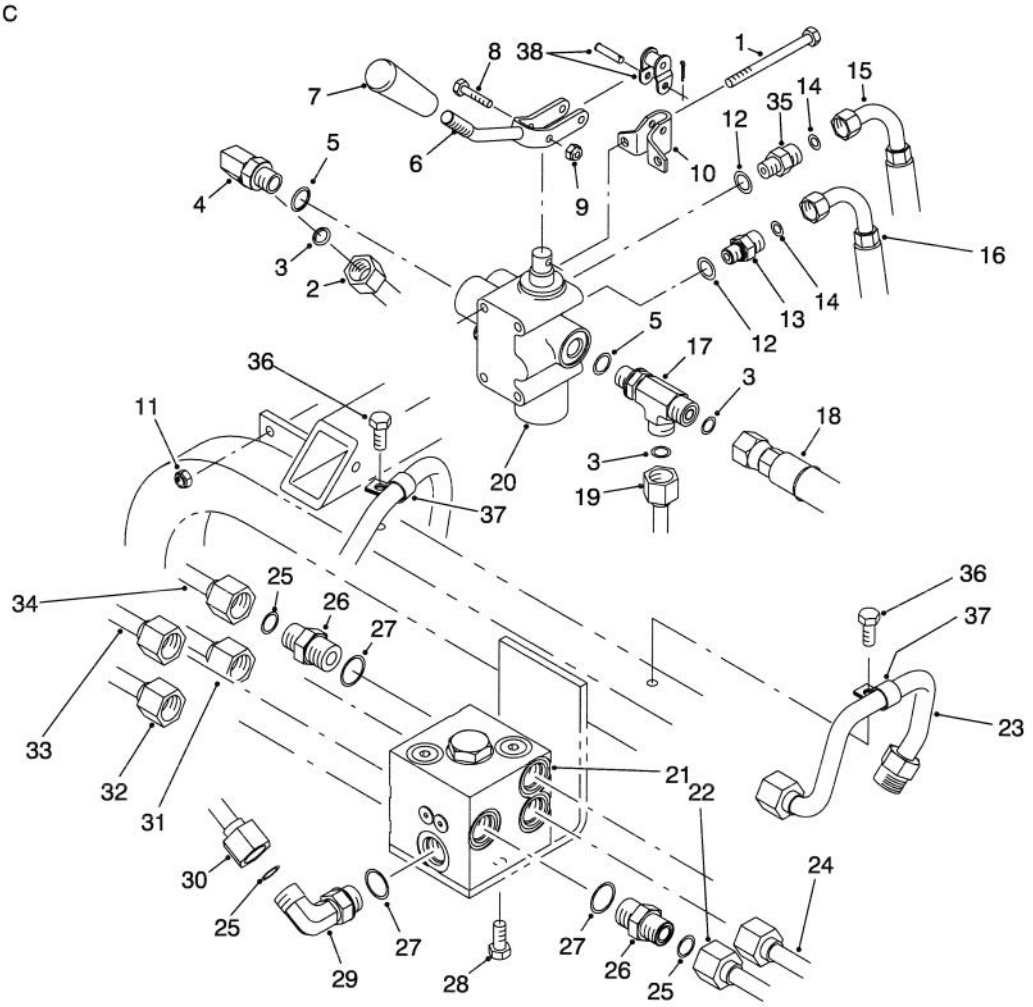


T–1473

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

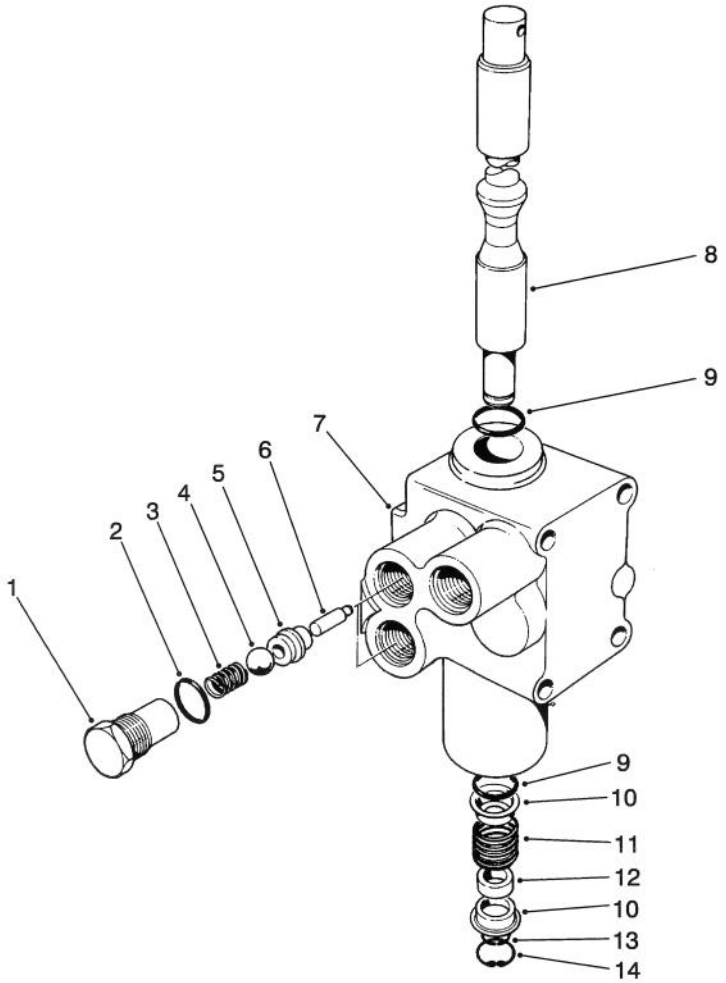


T–1477

HYDRAULIC MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321–23	Screw – Cap Hex. Hd.	3
2	92–2349	Tube – Hydraulic	1
3	237–22	Seal–O–Ring	3
4	340–77	Fitting – Hydraulic 90° (Incl. Ref. # 3 & 5)	1
5	237–42	Seal–O–Ring	2
6	85–8900	Lever – Lift Valve	1
7	233–39	Handle	1
8	3290–360	Screw – Cap Hex. Hd.	2
9	3296–2	Nut – Lock	2
10	88–8480	Bracket – Pivot	1
11	3296–8	Nut – Lock	3
12	237–78	Seal–O–Ring	2
13	340–92	Fitting – Hydraulic Straight (Incl. Ref. #12 & 14)	1
14	237–21	Seal–O–Ring	2
15	85–9580	Hose – Hydraulic	1
16	85–9570	Hose – Hydraulic	1
17	340–86	Fitting – Hydraulic Tee (Incl. Ref. #3 & 5)	1
18	85–9600	Hose – Hydraulic	1
19	85–0380	Tube – Hydraulic	1

Ref. No.	Part No.	Description	No. Used
20	43–1950	Lift Valve Assembly	1
21	85–9470	Hydraulic Manifold Assembly	1
22	85–7760	Tube – Hydraulic	1
23	85–9420	Tube – Hydraulic	1
24	85–9390	Tube – Hydraulic	1
25	237–79	Seal–O–Ring	8
26	340–4	Fitting – Hydraulic Straight (Incl. Ref. #25 & 27)	7
27	237–30	Seal–O–Ring	8
28	322–3	Screw – Cap Hex. Hd.	2
29	340–98	Fitting – Hydraulic 90° (Incl. Ref. #25 & 27)	1
30	85–9360	Tube – Hydraulic	1
31	85–9410	Tube – Hydraulic	1
32	85–9400	Tube – Hydraulic	1
33	92–2348	Tube – Hydraulic	1
34	85–9370	Tube – Hydraulic	1
35	85–9720	Fitting – Hydraulic Orificed (Incl. Ref. #12 & 14)	1
36	32144–11	Screw – Thread Forming	2
37	2412–138	Clamp – R	2
38	2710–20	Link – Offset	1



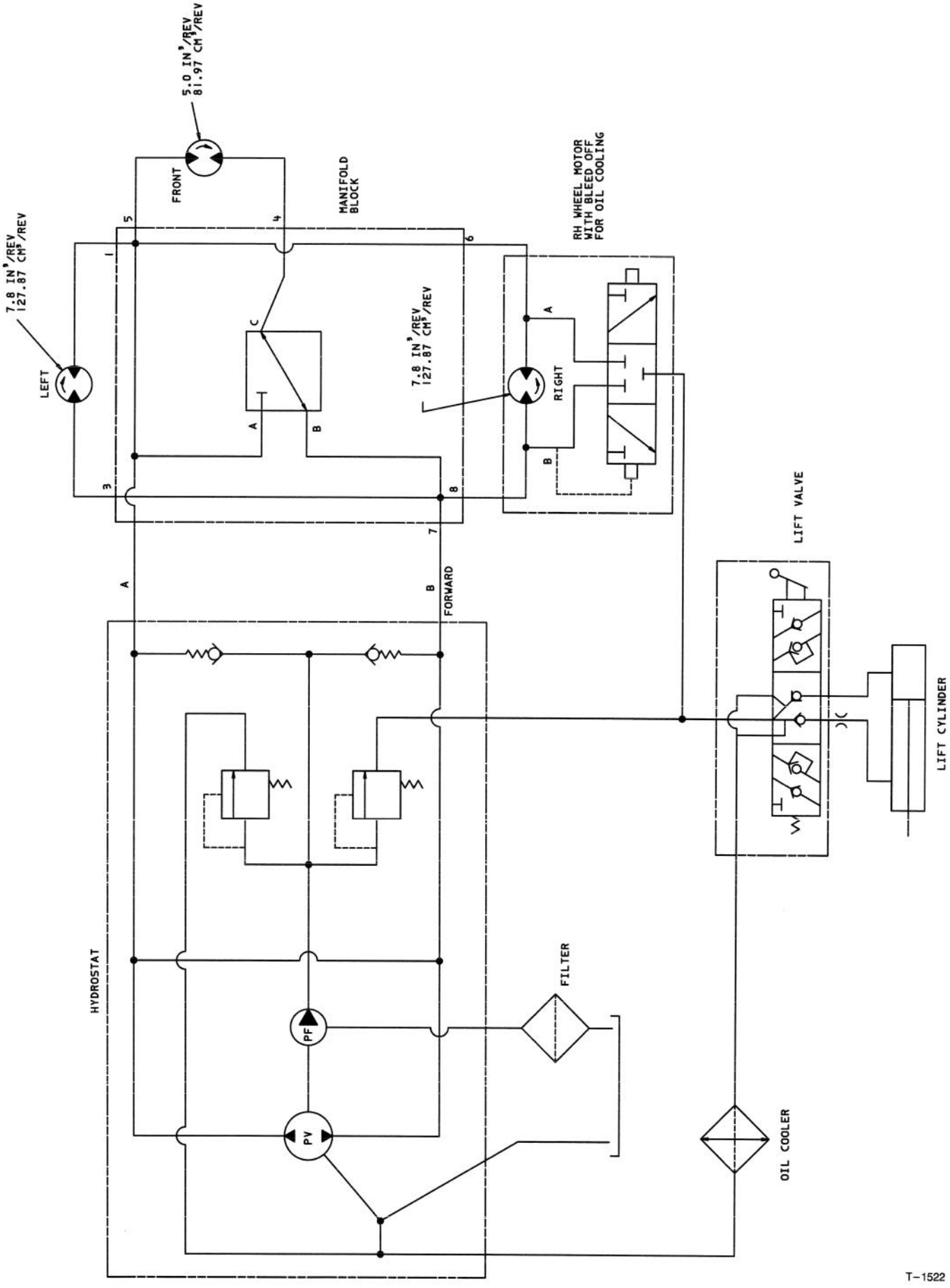
T–0236

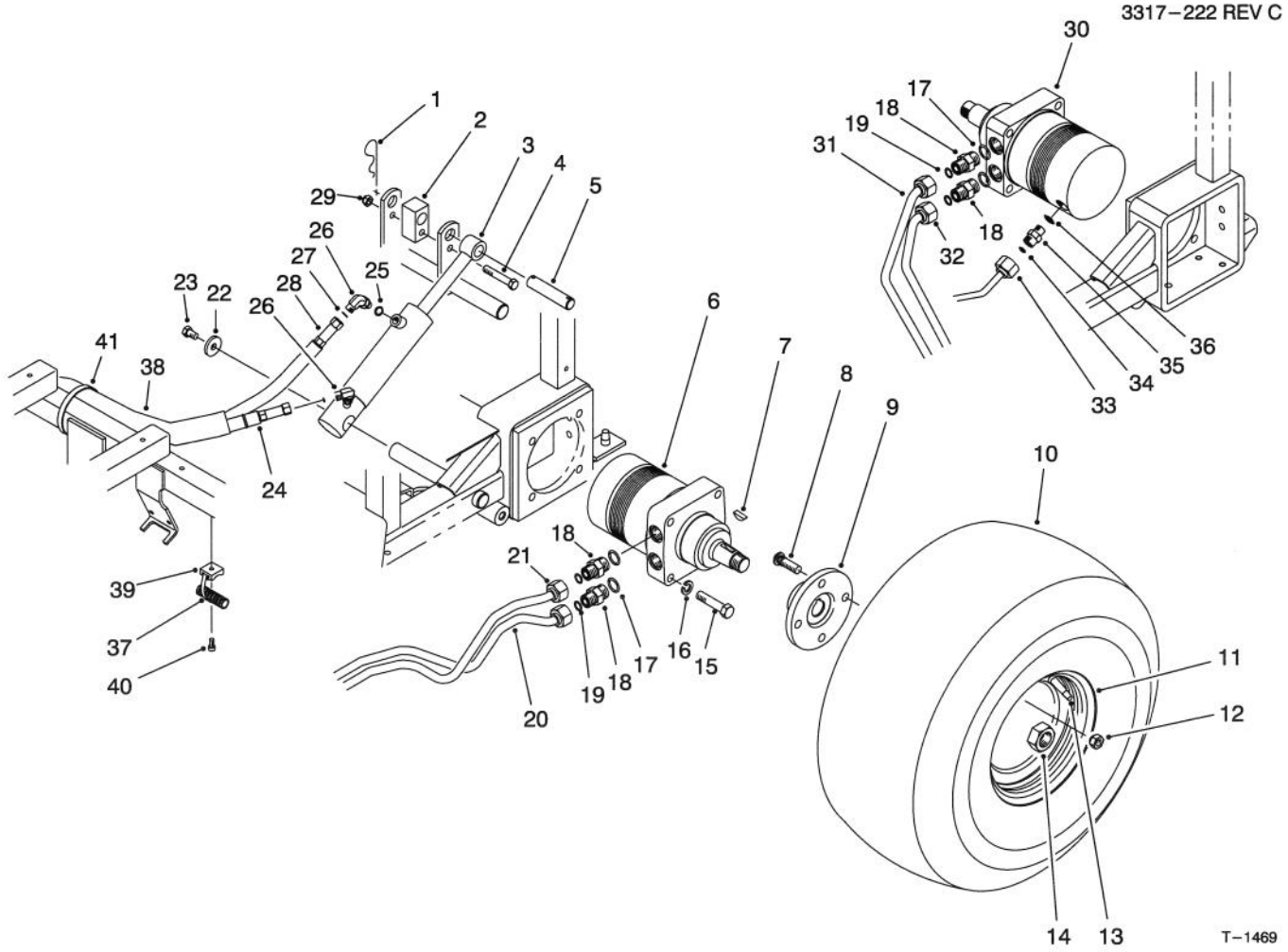
CONTROL VALVE ASSEMBLY NO. 43–1950

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		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



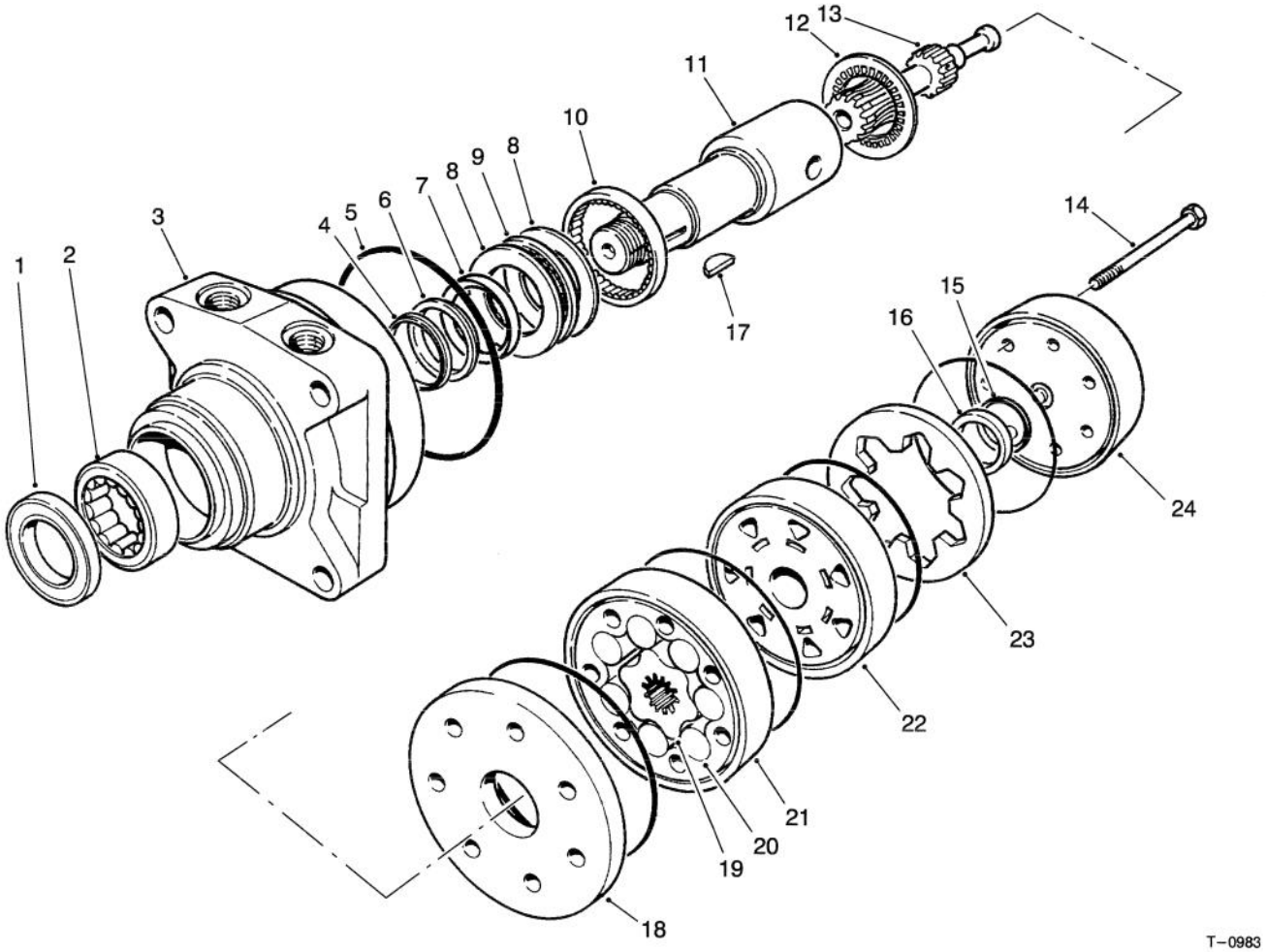


REAR WHEEL & LIFT ASSEMBLY

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. (Incl. Ref. #7)	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	94–6116	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	323–34	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. (Incl. Ref. #7)	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	3
38	56–7981	Sleeve – Protective	1
39	3290–509	Mount – Tie	3
40	3274–31	Screw – Hex. Socket Hd.	3
41	3334–945	Tie – Cable	1

*Not Illustrated



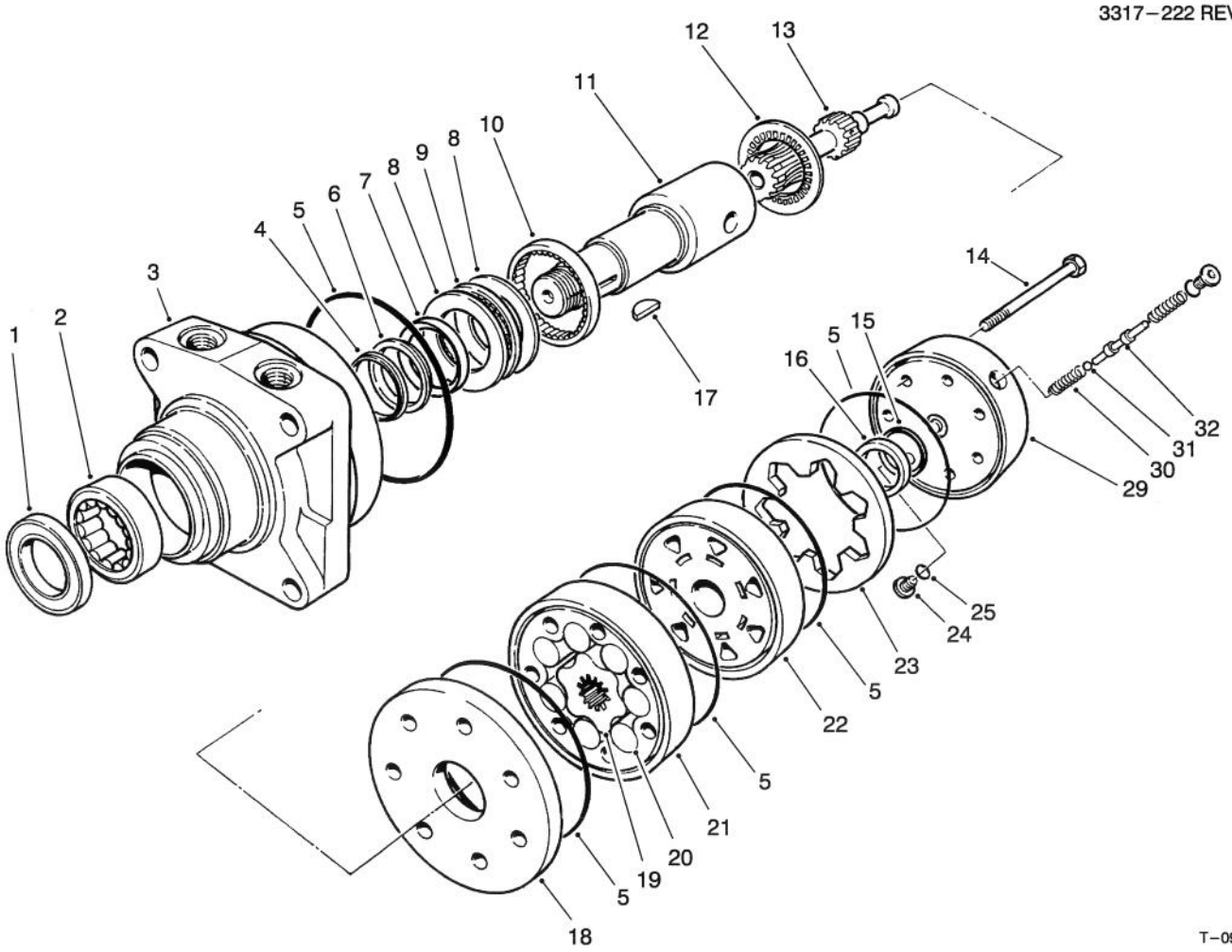
T–0983

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

*Not Illustrated



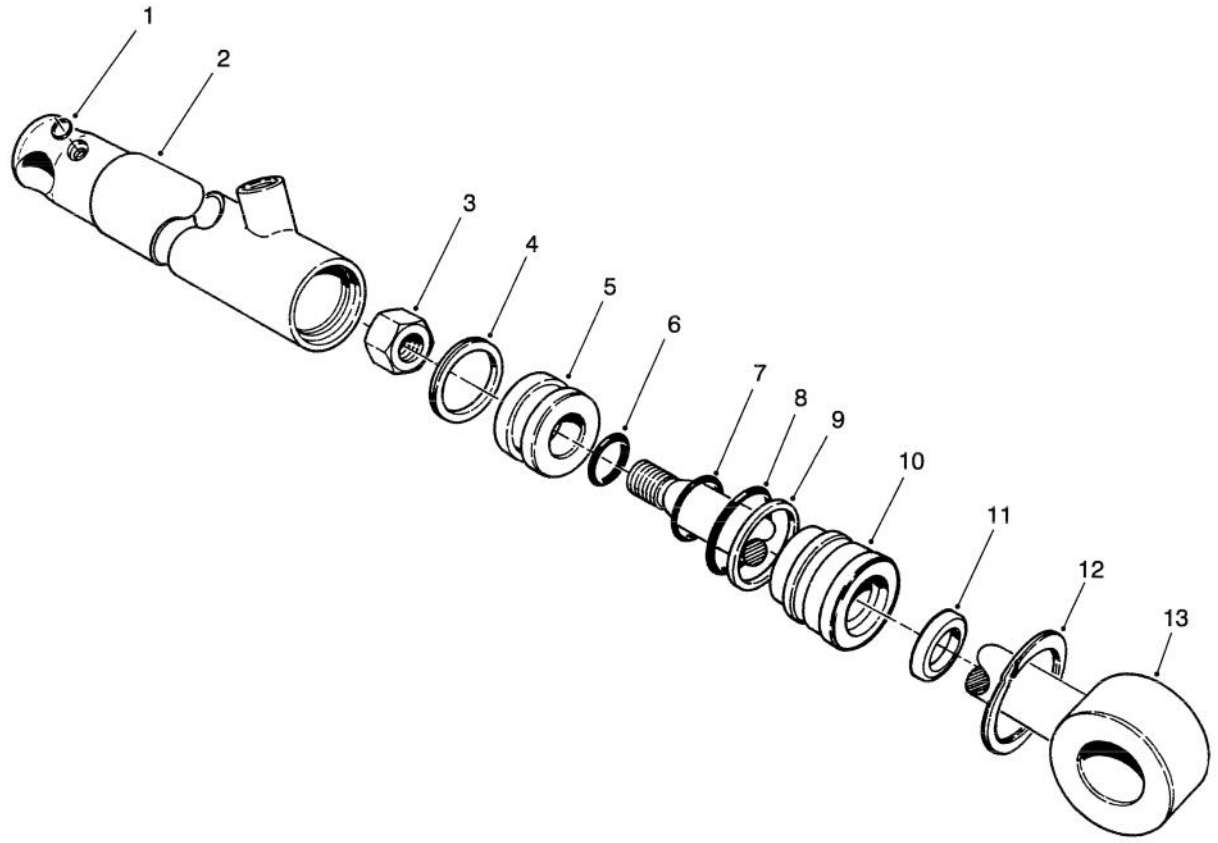
T–0982

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		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

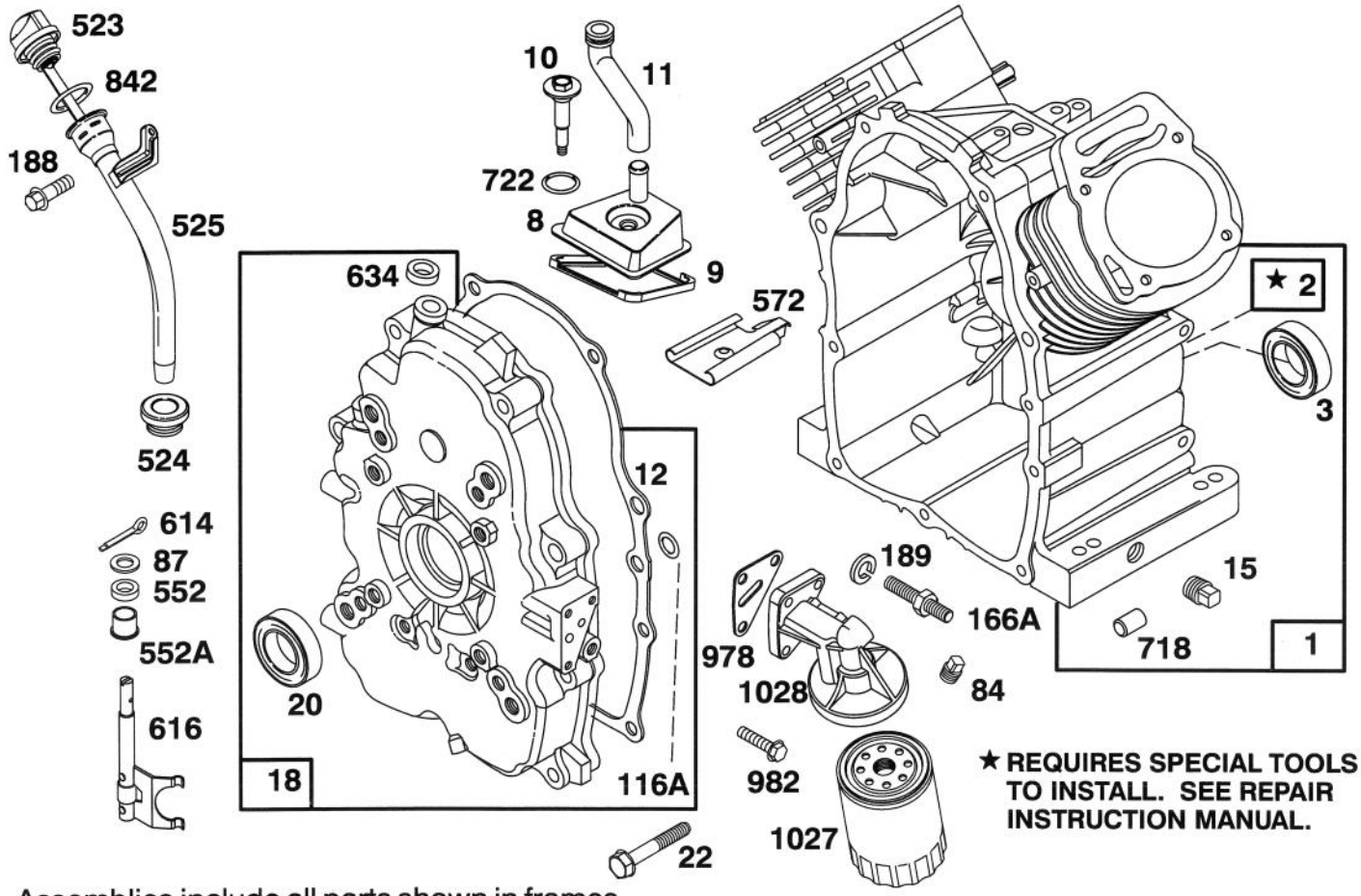


T–0217

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



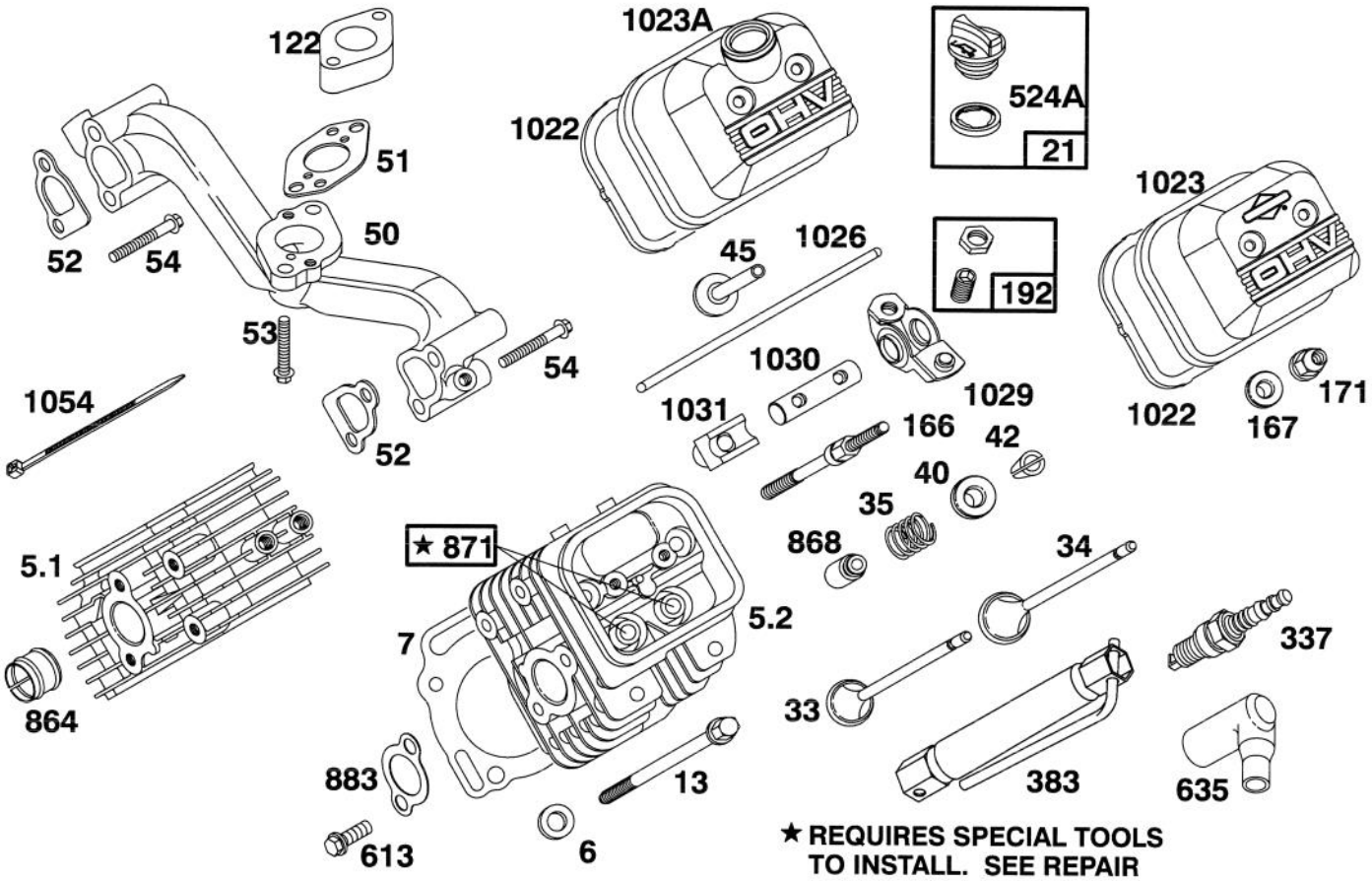
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

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

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

*Included in Gasket Set – Part No. 807989.



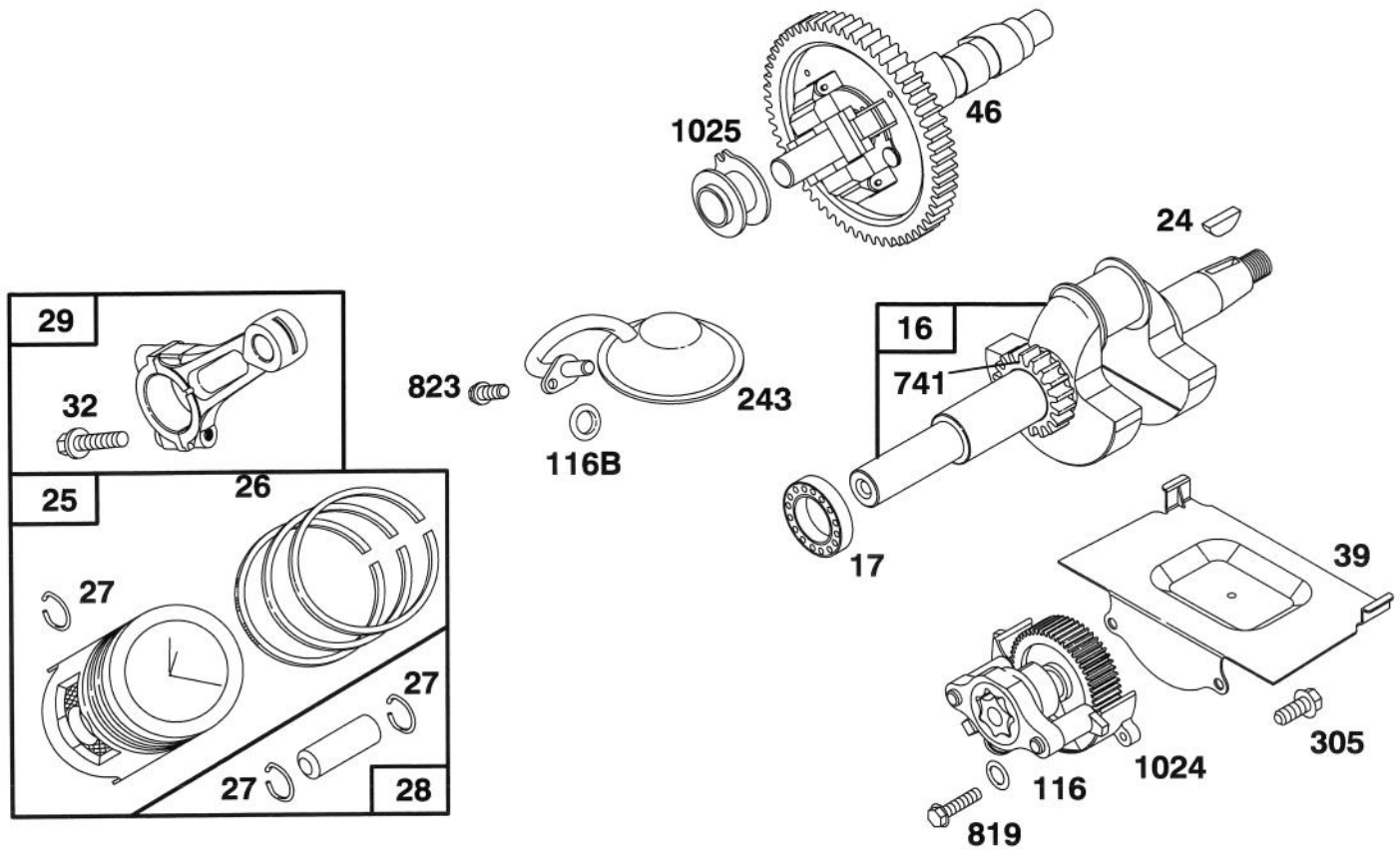
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

Ref. No.	Part No.	Description	No. Used
5.1	807987	Head – Cylinder (Cyl. #1)	
5.2	807988	Head – Cylinder (Cyl. #2)	
‡6	805193	Washer – Cylinder Head	
*‡7	807986	Gasket – Cylinder Head	
13	805097	Screw – Cylinder Head	
21	491832	Plug – Oil Filler	
33	805089	Valve – Exhaust	
34	805090	Valve – Intake	
35	805078	Spring – Valve	
40	805092	Retainer – Valve Spring	
42	805161	Retainer – Valve	
45	805354	Tappet – Valve	
50	805772	Manifold – Intake	
*51	805700	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	

Ref. No.	Part No.	Description	No. Used
		(Incl. Jam Nut)	
337	496018	Plug – Spark	
383	19374	Wrench – Spark Plug	
*‡524A	271983	Seal – Filler Plug	
613	805158	Screw	
635	805529	Elbow – Spark Plug	
864	805083	Liner – Exhaust Port	
868	805094	Seal – Valve Guide	
871	805084	Guide – Valve	
*‡883	805024	Gasket – Exhaust Manifold	
*‡1022	805028	Gasket – Valve Cover	
1023	805100	Cover – Valve	
1023A	808032	Cover – Valve	
		Used on Cyl. #	
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	
1054	280275	Tie – Cable	

*Included in Gasket Set – Part No. 807989.
‡Included in Valve Overhaul Kit – Part No. 807990.



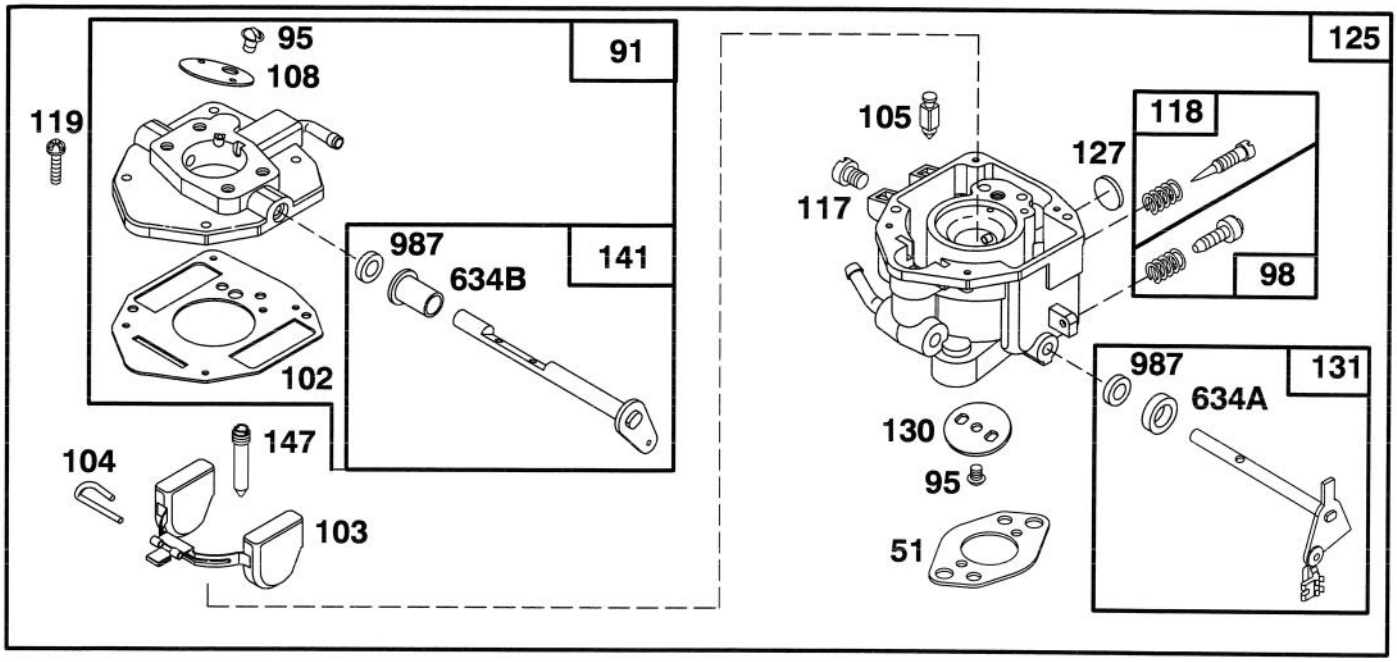
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

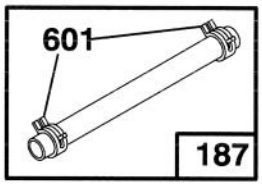
Ref. No.	Part No.	Description	No. Used
16	808056	Crankshaft **Note:** To Replace Crankshaft Timing Gear Key Order Part No. 94196. 807625 Washers – Thrust	
17	805754	Bearing – Ball	
24	805016	Key – Flywheel	
25	807619	Piston Assembly (Standard)	
	807807	Piston Assembly .010 O.S.	
	807809	Piston Assembly .020 O.S.	
	807811	Piston Assembly .030 O.S.	
26	807620	Ring Set – Piston (Standard)	
	807808	Ring Set – Piston .010 O.S.	
	807810	Ring Set – Piston .020 O.S.	
	807812	Ring Set – Piston .030 O.S.	

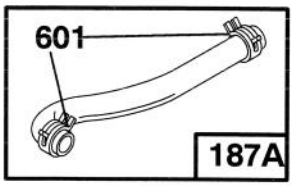
Ref. No.	Part No.	Description	No. Used
27	805099	Lock – Piston Pin	
28	807621	Piston Pin Assembly	
29	807900	Connecting Rod Assembly	
32	805395	Screw – Connecting Rod	
39	805654	Deflector – Oil	
46	807542	Gear – Cam	
*116	805058	O–Ring (Oil Pump)	
*116B	805316	O–Ring (Pick – Up Tube)	
243	807598	Screen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

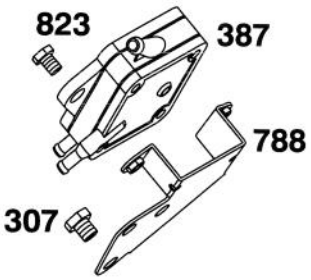
*Included in Gasket Set – Part No. 807989.











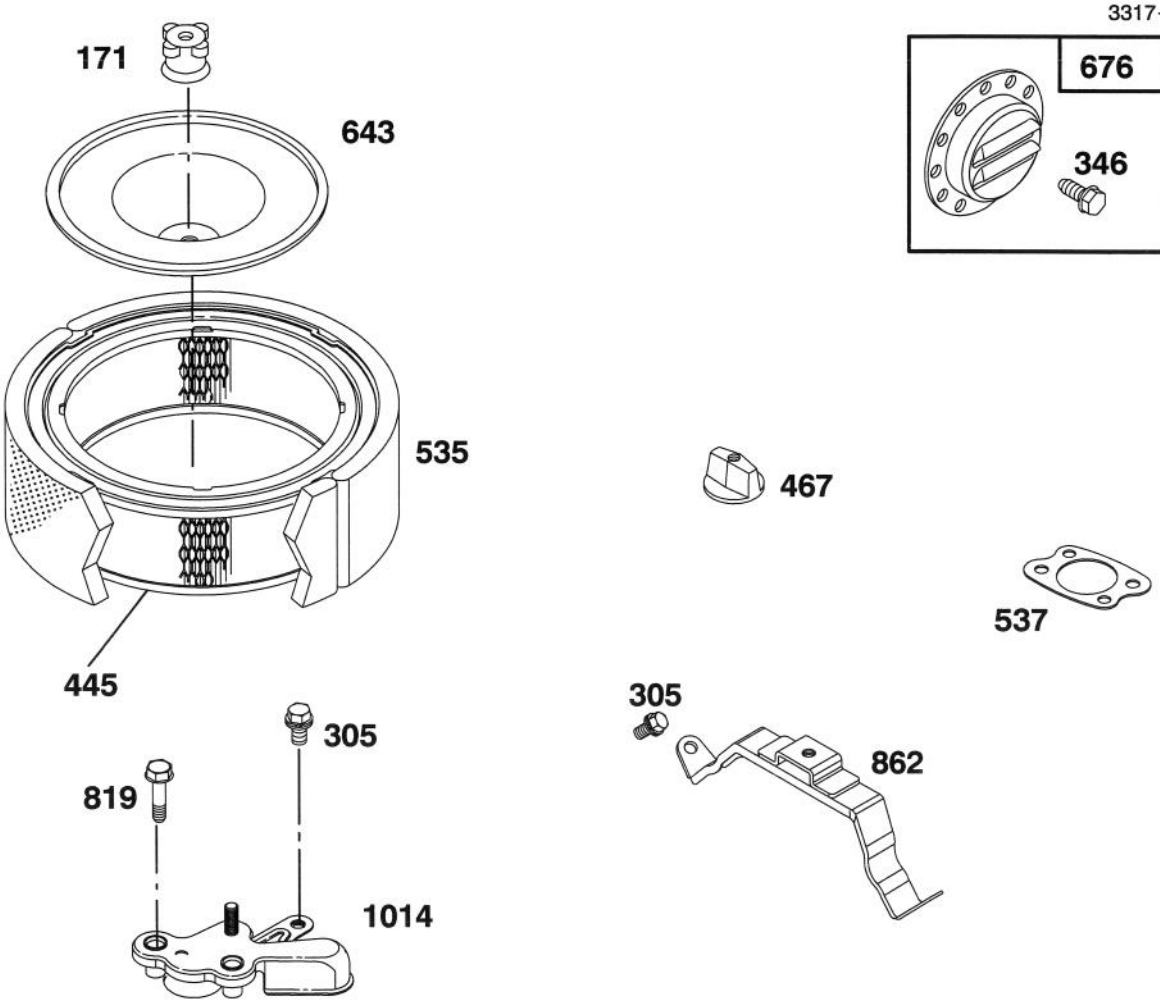
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

Ref. No.	Part No.	Description	No. Used
*51	805700	Gasket – Carburetor Mtg.	
91	807919	Body – Upper Carburetor	
95	805538	Screw – Valve Mtg.	
98	807718	Screw – Throttle Adj.	
†102	805541	Gasket – Intake Elbow	
103	805546	Float Assembly	
†104	805545	Pin – Float Hinge	
†105	805547	Valve – Fuel Inlet	
108	805539	Valve – Choke	
†117	805853	Jet – Main	
†118	807719	Valve – Idle Adjust Needle	
119	805540	Screw – Upper Body Mtg.	
125	807918	Carburetor Assembly	
†127	805559	Plug – Welch	
130	805554	Valve – Throttle	

Ref. No.	Part No.	Description	No. Used
131	807720	Shaft – Throttle	
141	807722	Shaft – Choke	
†147	805553	Jet – Slow Speed	
187	393815	Hose – Fuel (Cut to Suit)	
187A	398367	Hose–Fuel	
307	805025	Screw	
387	491922	Pump – Fuel	
601	93053	Clamp – Hose	
†634A	805557	Collar – Throttle	
634B	805543	Collar – Choke	
788	807685	Bracket – Fuel Pump	
823	805317	Screw – Mounting	
947	807664	Solenoid	
†987	805544	Seal – Shaft	

†Included in Carburetor Kit – Part No. 807726.

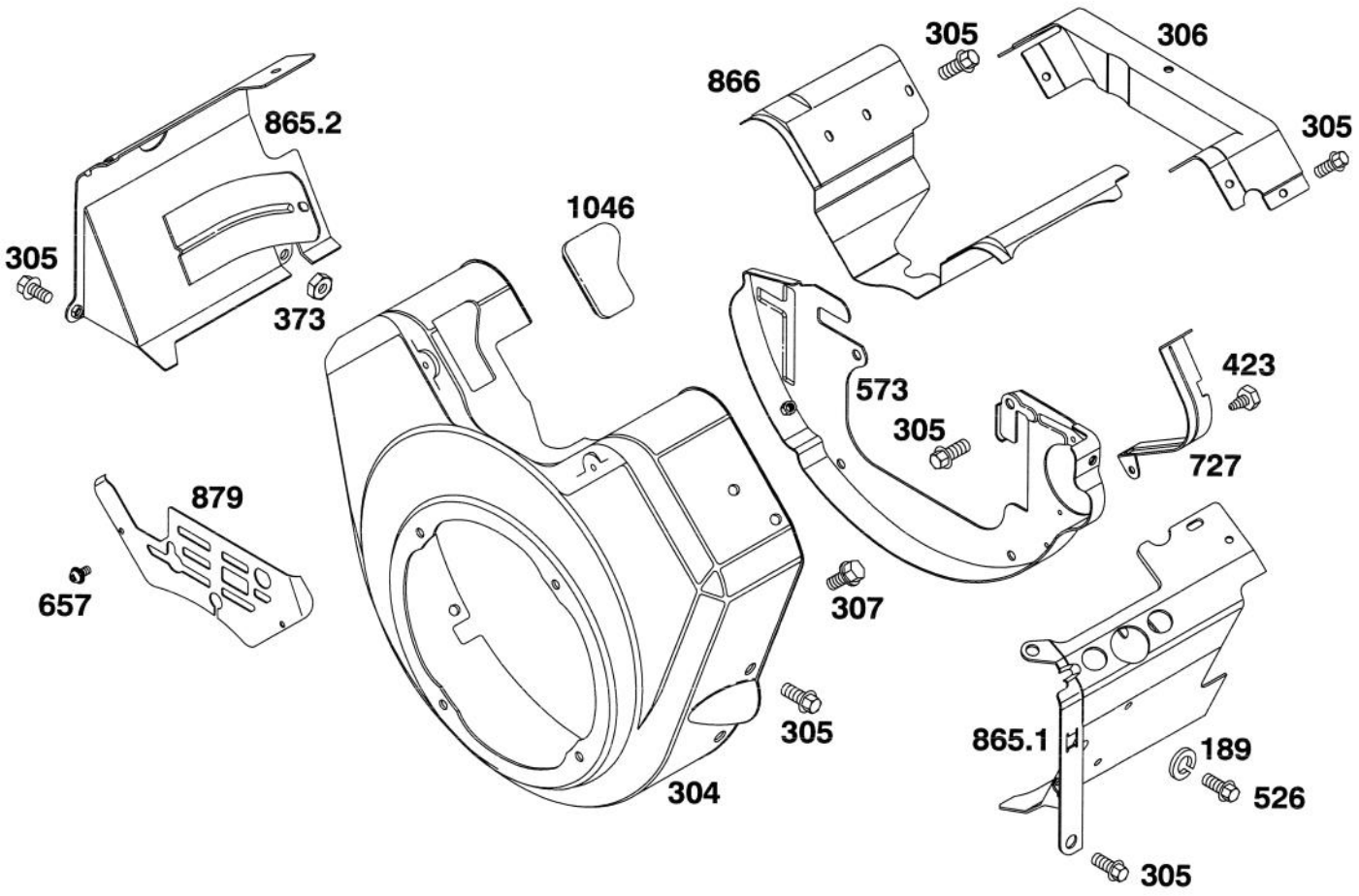


ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

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

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

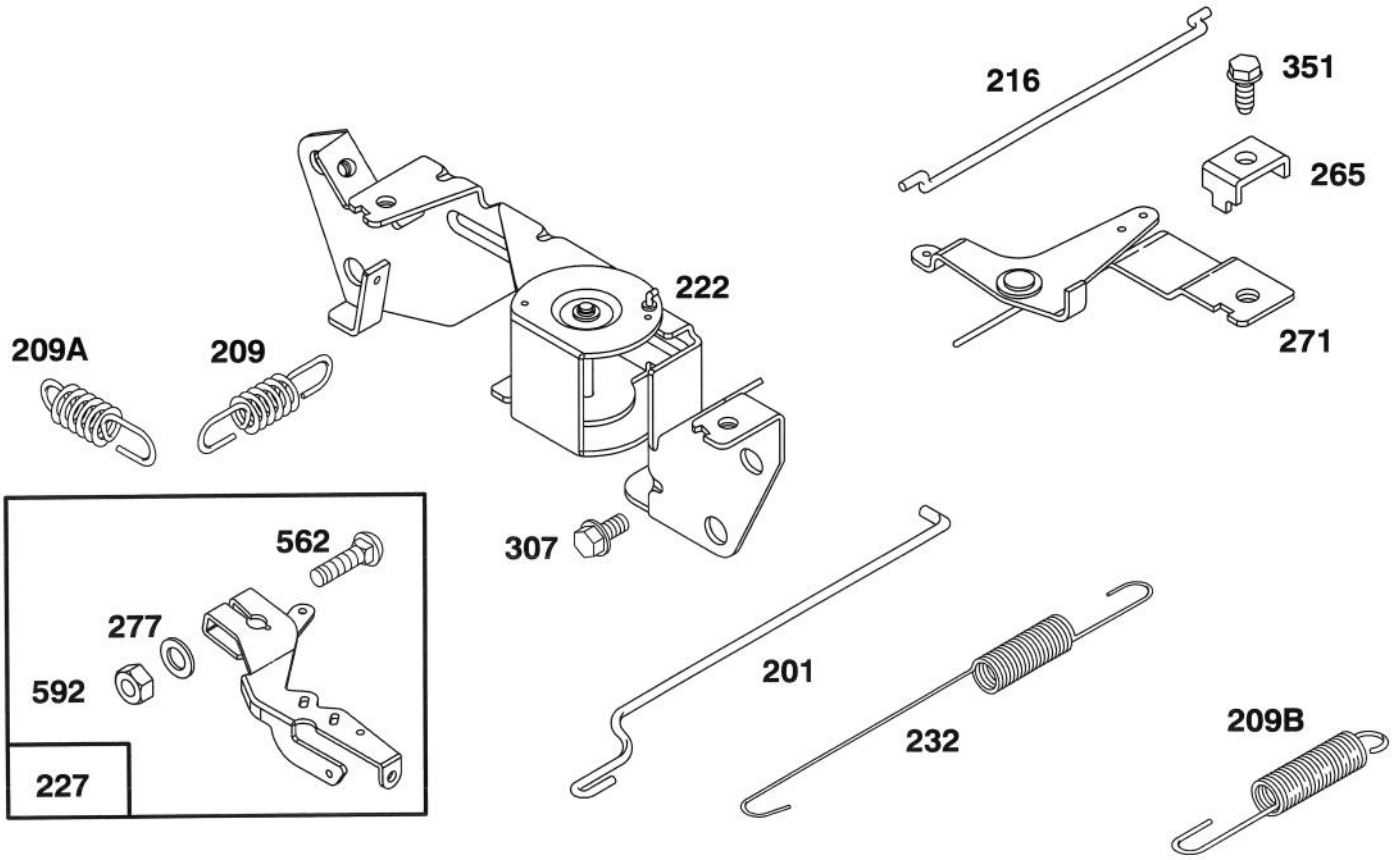
*Included in Gasket Set – Part No. 807989.



ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

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

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

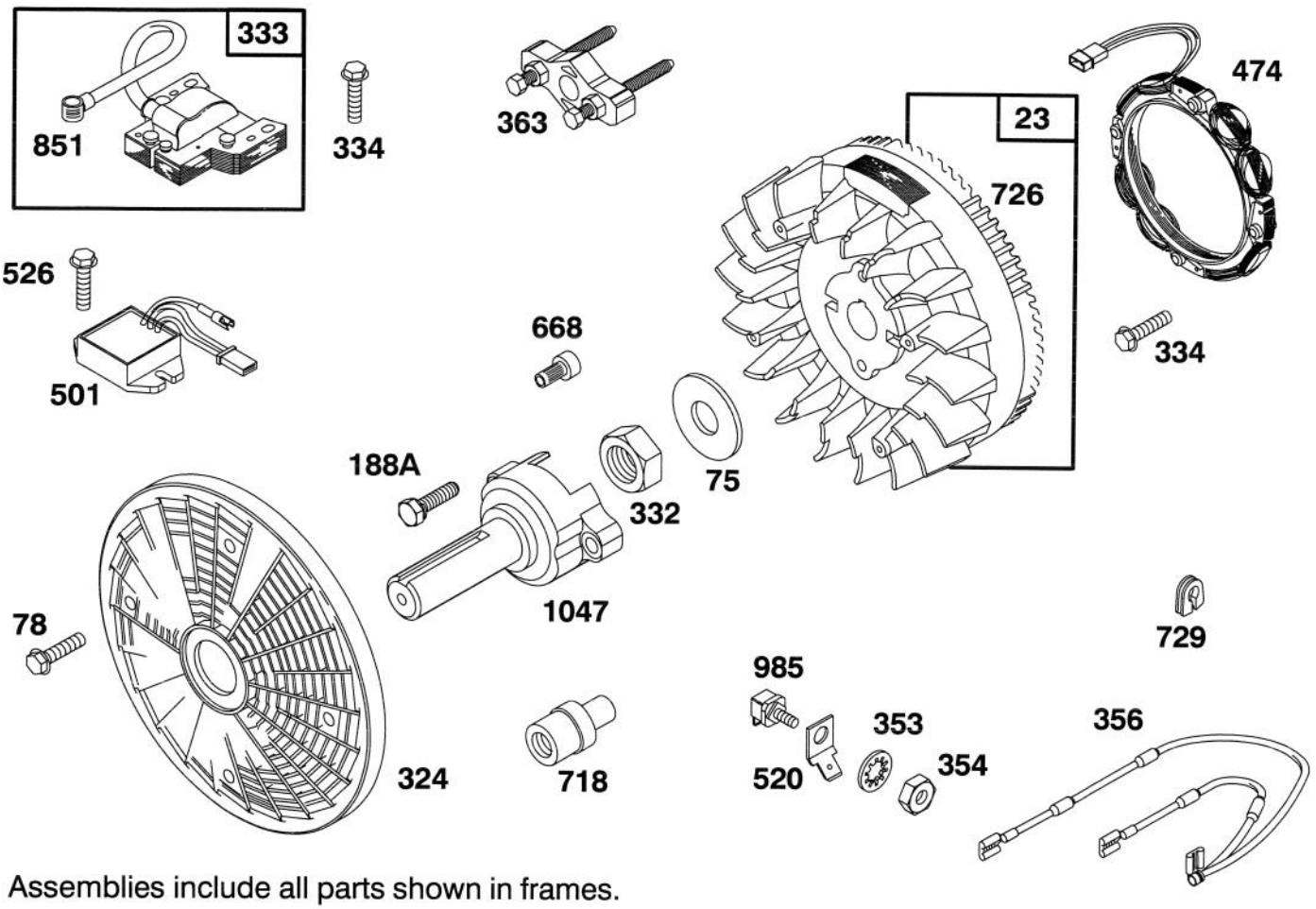


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

Ref. No.	Part No.	Description	No. Used
201	805480	Link – Governor	
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	

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

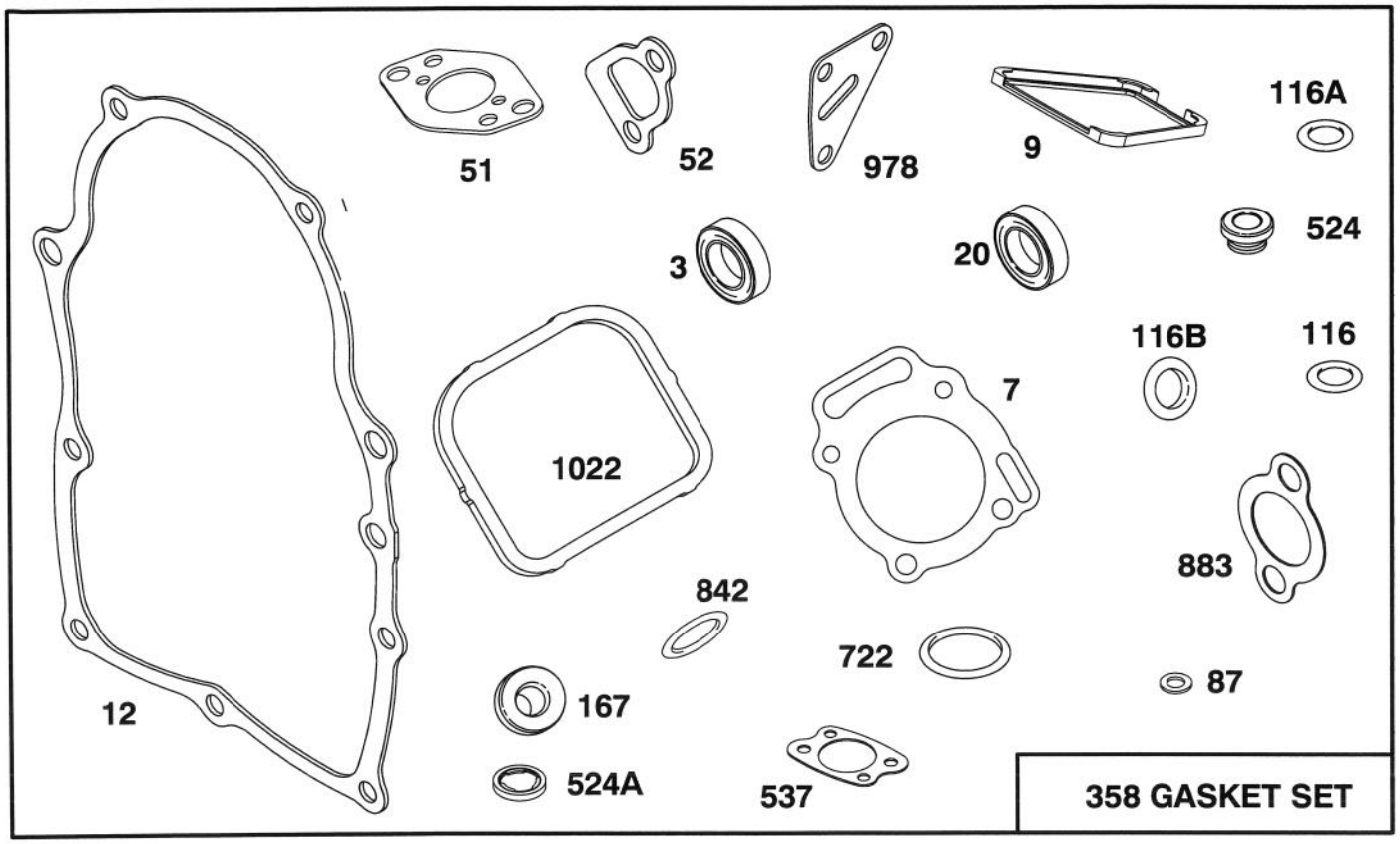


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

Ref. No.	Part No.	Description	No. Used
23	808128	Flywheel – Magneto	
75	805007	Washer – Spring	
78	805447	Screw	
188A	93847	Screw – Hex. Hd.	
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	493792	Wire – Assy.	
363	19203	Puller – Flywheel	

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



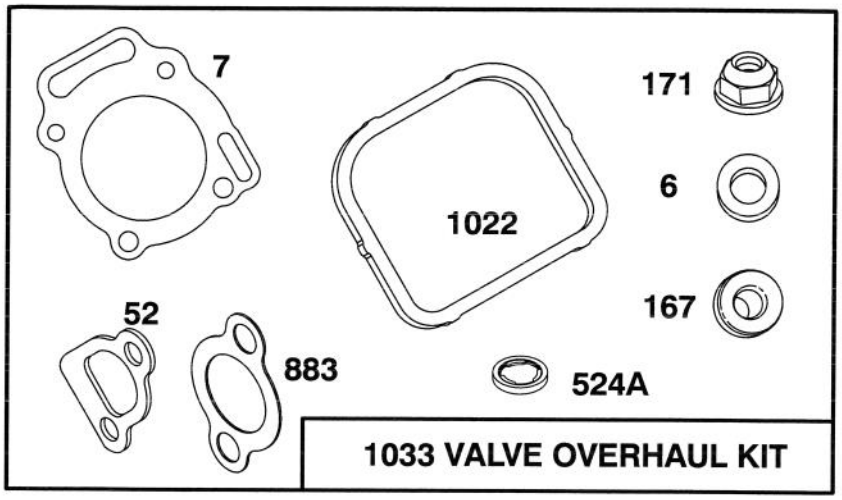
Assemblies include all parts shown in frames.

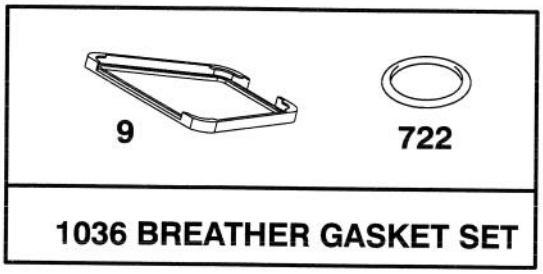
ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

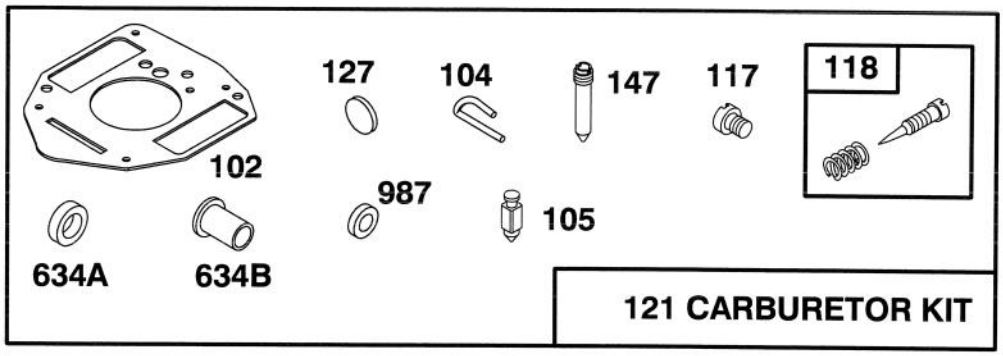
Ref. No.	Part No.	Description	No. Used
*3	805101	Seal – Oil	
*‡7	807986	Gasket – Cylinder Head	
*9	805379	Gasket – Breather	
*12	805112	Gasket – Crankcase Cover	
*20	805049	Seal – Oil	
*51	805700	Gasket – Carburetor Mtg.	
*52	805023	Gasket – Intake Manifold	
*87	805054	Seal – Governor Shaft	
*116	805058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

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

*Included in Gasket Set – Part No. 807989.
‡Included in Valve Overhaul Kit – Part No 807990.







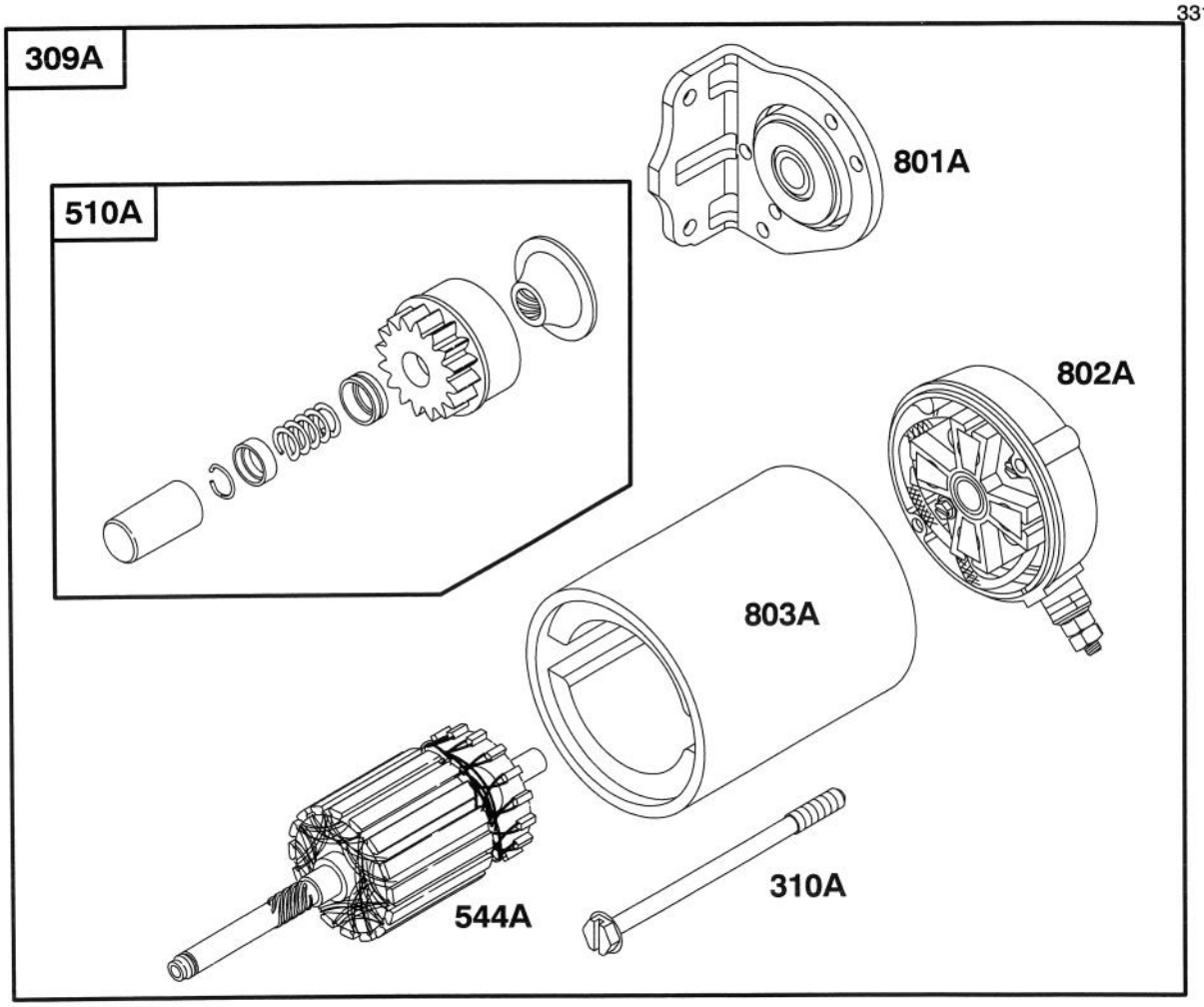
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

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	805853	Jet – Main	
†118	807719	Valve – Idle Adjusting	
121	807726	Carburetor Kit	
†127	805559	Plug – Welch	
†147	805553	Jet – Slow Speed	

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

*Included in Gasket Set – Part No. 807989.
†Included in Carburetor Kit – Part No. 807726.
‡Included in Valve Overhaul Kit – Part No. 807990.



ENGINE BRIGGS & STRATTON MODEL 303447–0480–01

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

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

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–6498	Washer – Thrust	13	5	1
10–6830	Stud – Drive	21	8	8
10–6830	Stud – Drive	4	27	4
14–7579	Cooler Mount Assembly	17	25	1
17–4710	Hub	4	18	1
17–4710	Hub – Wheel	21	9	2
18–6320	Washer	4	2	3
18–6380	Bolt – Adjustment	6	17	2
18–6380	Pin – Adjusting	13	9	1
21–2480	Hose – Fuel	10	13	1
22–8330	Plug	19	1	2
22–8340	Spring	19	3	2
22–8350	Ball	19	4	2
22–8360	Pin – Cam	19	6	2
22–8370	Seat–Check Valve	19	5	2
22–8380	Retainer – Spring	19	10	2
22–8410	Spring	19	11	1
22–8420	Spool	19	8	1
22–8480	Ring – Retaining, Spool	19	13	1
22–8490	Ring – Retaining	19	14	1
22–8500	O–Ring	19	9	2
23–3030	Spacer	19	12	1
23–8910	Fitting – Hydraulic 90°	17	9	2
23–9740	Element – Hydraulic Filter	17	18	1
25–2380	Plate – Thrust	15	39	1
25–2400	Gasket	15	43	1
25–2430	Pin – Straight	15	41	1
25–2450	Swashplate	15	37	1
25–2460	Plug	15	14	2
25–2470	Kit – Shim Pack	15	16	2
25–2480	Spring – Charge Relief	15	32	1
25–2490	Ball – Check Valve	15	47	2
25–2500	Shaft – Trunnion	15	12	1
25–2510	Washer	15	11	2
25–2530	Pin – Straight	15	26	1
25–2570	Spring – Relief Valve	15	17	1
25–2600	Cylinder Block Kit	15	5	1
25–2630	Ring	15	3	1
25–2640	Spring – Check Valve	15	48	2
25–2650	Plug – Check Valve	15	50	2
25–2680	Gerotor Assembly	15	25	1
25–2690	Housing – Charge Pump	15	21	1
25–3180	Kit – Check Valve	16	*	1
25–3210	Seal – Lip	15	10	2
26–3790	Nut – Lock	21	14	2
26–3790	Nut – Lock	4	17	1
27–6600	Spacer – Coupler	14	13	8
28–4210	Solenoid – Starter	1	23	1
29–6163	Switch – Neutral	13	20	1
38–3400	Guard – Rubber	11	18	1
39–9600	Clamp – Ammeter	8	16	1
43–1950	Lift Valve Assembly	18	20	1
43–5220	Ring – Retaining	24	12	1
43–5230	Shaft with Clevis	24	13	1
43–5260	Barrel w/Clevis & Ports	24	2	1
46–7510	Hood – Air Inlet	2	47	1
46–8400	Bearing – Needle	15	42	1
47–2964	Hose – Fuel	11	19	1
47–2964	Hose – Fuel	10	25	1
48–7620	Screw – Cap Hex. Hd.	11	7	3
48–9510	Nut – Lock	2	52	1
49–2040	Screw – Hex. Flange Hd.	13	6	3
49–8510	Kit – Charge Relief	16	*	1
49–8520	Kit – Implement Relief	16	*	1
51–0780	Slide – Seat Adjust	7	8	1
51–0790	Slide – Seat Adjust	7	17	1
53–6380	Washer	21	22	1
56–7720	Rod – Battery Hold–Down	10	12	2
56–7976	Clamp – Tube	4	36	1
56–7981	Sleeve – Protective	21	38	1
57–5420	Screw – Shoulder	17	41	1
61–2710	Fitting – Hydraulic 90°	14	32	1
61–3770	Hydraulic Filter Head Assy.	17	15	1
63–8360	Key – Ignition	8	8	1
63–8410	Washer – Flat	10	19	4
66–2950	Hour Meter Assembly	8	10	1
67–8050	Bearing – Needle	15	22	1
67–8060	Seal – Lip	15	23	1
69–9760	Plate – Cover	4	37	1
70–2770	Head	24	10	1
70–2780	Piston	24	5	1
72–4790	Hold–Down – Battery	10	8	1
74–0720	Tube – Manual	7	4	1
74–9100	Pad – Forward	12	16	1
74–9110	Pad – Reverse	12	4	1
75–0540	Teather	17	2	1
75–4705	Hose – Fuel	11	47	1
75–5470	Spacer	13	18	1
75–9830	Hydraulic Motor Assembly	4	24	1
75–9831	Hydraulic Motor Assy. L.H.	21	6	1
75–9840	Hydraulic Motor Assy. R.H.	21	30	1
76–0810	Assembly – Housing	22	*	1
76–0810	Assembly – Housing	23	*	1
76–0810	Assembly – Housing	5	*	1
76–0820	Link – Drive	22	13	7
76–0820	Link – Drive	23	13	1
76–0830	Rotor Set	22	*	1
76–0830	Rotor Set	23	*	1
76–0840	Manifold	22	22	1
76–0840	Manifold	23	22	1
76–0840	Manifold	5	22	1
76–0850	Bearing – Thrust	22	12	1
76–0850	Bearing – Thrust	23	12	1
76–0850	Bearing – Thrust	5	12	1
76–0860	Shaft – Coupling	22	11	1
76–0860	Shaft – Coupling	23	11	1
76–0860	Shaft – Coupling	5	11	1
76–0870	Plate – Wear	22	18	1
76–0870	Plate – Wear	23	18	1
76–0870	Plate – Wear	5	18	1
76–0880	Assembly – Commutator	22	*	1
76–0880	Assembly – Commutator	23	*	1
76–0880	Assembly – Commutator	5	*	1
76–0890	Assembly	23	29	1
76–0930	Link – Drive	5	13	7
76–0940	Assembly – Cover, End	22	24	1
76–0940	Assembly – Cover, End	5	24	1
76–0950	Rotor Set	5	*	1
76–1020	Screw – Cap, Hex. Hd.	22	14	1
76–1030	Screw – Cap, Hex. Hd.	5	14	1
76–1040	Screw – Cap, Hex. Hd.	23	14	7
76–1420	Wheel – Steering	6	1	1
76–8640	Stud – Traction	13	14	1
77–3100	Decal – Caution	17	38	2
80–2060	Muffler	11	14	1
80–2110	Cable – Solenoid–Starter	9	2	1
80–2120	Wire Harness – Main	9	1	1
80–2120	Wire Harness Assembly	8	12	1
80–2150	Pad – Litterbox	2	32	1
80–8290	Plate – Hot Surface	11	10	1
80–8650	Coupler – Rubber	14	14	2
83–0020	Ignition Switch Assembly	8	5	1
83–0820	Ammeter Assembly	8	9	1
83–1031	Mount – Engine	11	31	4
83–1390	Fitting – Fuel Shut–Off	10	15	1
83–2220	Deflector – Exhaust	11	13	1
83–2230	Screw	11	12	4
83–2240	Arrester – Spark	11	*	1
83–2420	Cable – Positive	9	3	1
83–2420	Cable – Positive	11	25	1
83–6140	Plate – Hot (Japanese)	11	10	1
83–7000	Cylinder Assembly	21	3	1
83–7250	Seal Repair Kit	24	14	1
83–7260	Cone – Relief	15	18	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
83–9054	Decal – Hot (Europe)	11	10	1
84–6760	Decal – Caution (Japanese)	17	38	2
85–0290	Spacer – Seat Support	7	10	2
85–0380	Tube – Hydraulic	18	19	1
85–0380	Tube – Hydraulic	21	33	1
85–7600	Frame Assembly	2	28	1
85–7610	Hose – Hydraulic	17	11	1
85–7680	Hose – Hydraulic	17	17	1
85–7680	Hose – Hydraulic	14	30	1
85–7760	Tube – Hydraulic	21	21	1
85–7760	Tube – Hydraulic	18	22	1
85–8000	Engine Assembly	11	46	1
85–8030	Chain	6	19	1
85–8060	Fork – Steering	4	3	1
85–8290	Tire	21	10	2
85–8290	Tire	4	16	1
85–8300	Lever – Pump	13	2	1
85–8360	Seal – Cover	11	3	1
85–8370	Cover – Air Cleaner	11	2	1
85–8430	Base – Air Cleaner	11	48	1
85–8450	Rod – Control	12	9	1
85–8460	Switch Arm Assembly	13	12	1
85–8490	Panel – Front R.H.	2	29	1
85–8570	Shroud – Lower	17	24	1
85–8600	Support – Engine	11	33	1
85–8640	Base – Engine	11	38	1
85–8670	Hub – Fan	14	27	1
85–8700	Hub – Pump	14	19	1
85–8730	Hub – Engine	14	18	1
85–8770	Coupling	14	16	1
85–8780	Tread – Floor R.H.	2	*	1
85–8790	Tread – Floor L.H.	2	38	1
85–8800	Decal – Sand Pro 5000	2	34	2
85–8820	Decal – Control	1	6	1
85–8830	Decal – Console	8	21	1
85–8840	Decal – Warning	1	11	1
85–8860	Decal – Eccentric Bolt	13	22	1
85–8880	Decal – Danger	2	36	3
85–8890	Panel – Console	8	18	1
85–8900	Lever – Lift Valve	18	6	1
85–8930	Retainer – Boot	10	22	1
85–8940	Flange – Bearing Lube	4	11	1
85–8950	Flange – Bearing	4	9	1
85–8960	Spacer	12	3	1
85–8970	Shield – Chain	6	15	1
85–9010	Boot – Steering	10	21	1
85–9020	Key – Square	14	17	1
85–9030	Spring – Extension	13	10	1
85–9040	Panel – Rear L.H.	1	24	1
85–9050	Panel – R.H. Rear	1	2	1
85–9070	Console Assembly	8	2	1
85–9120	Spacer	6	10	3
85–9120	Spacer	13	17	1
85–9140	Hose – Fuel	10	17	1
85–9150	Plate – Switch	13	19	1
85–9160	Spacer	21	2	1
85–9170	Pin – Cylinder	21	5	1
85–9180	Sprocket	6	20	1
85–9190	Plate – Control	2	33	1
85–9200	Joint – Universal	6	23	1
85–9210	Shaft – Steering Lower	6	22	1
85–9220	Shaft – Steering Upper	6	27	1
85–9230	Support – Seat	7	9	1
85–9310	Control – Throttle & Choke	2	31	2
85–9320	Rod – Seat Prop	7	15	1
85–9360	Tube – Hydraulic	18	30	1
85–9360	Tube – Hydraulic	4	34	1
85–9370	Tube – Hydraulic	18	34	1
85–9370	Tube – Hydraulic	4	35	1
85–9390	Tube – Hydraulic	21	20	1
85–9390	Tube – Hydraulic	18	24	1
85–9400	Tube – Hydraulic	21	31	1
85–9400	Tube – Hydraulic	18	32	1
85–9410	Tube – Hydraulic	18	31	1
85–9410	Tube – Hydraulic	21	32	1
85–9420	Hydraulic Tube Assembly	14	5	1
85–9420	Tube – Hydraulic	18	23	1
85–9450	Hose – Hydraulic	14	36	1
85–9460	Cooler – Oil	17	30	1
85–9470	Hydraulic Manifold Assembly	18	21	1
85–9510	Screen – Filler	17	4	1
85–9550	Clamp – Rubber	17	35	2
85–9560	Fan	14	28	1
85–9570	Hose – Hydraulic	18	16	1
85–9570	Hose – Hydraulic	21	28	1
85–9580	Hose – Hydraulic	18	15	1
85–9580	Hose – Hydraulic	21	24	1
85–9590	Hose – Hydraulic	14	25	1
85–9590	Hose – Hydraulic	17	28	1
85–9600	Hose – Hydraulic	18	18	1
85–9600	Hose – Hydraulic	14	21	1
85–9610	Hose – Hydraulic	14	4	1
85–9620	Hose – Hydraulic	14	1	1
85–9630	Hose – Hydraulic	4	23	1
85–9640	Hose – Hydraulic	4	22	1
85–9660	Plate – Seat	7	5	1
85–9670	Nut – T	17	34	2
85–9680	Panel – Front L.H.	2	27	1
85–9720	Fitting – Hydraulic Orificed	18	35	1
88–8110	Screen Assembly R.H.	17	33	1
88–8120	Screen Assembly L.H.	17	31	1
88–8130	Top Panel Assembly	2	30	1
88–8140	Shaft – Pump	15	6	1
88–8160	Plate – Valve	15	40	1
88–8170	Kit – Housing	15	8	1
88–8180	Shaft – Trunnion	15	28	1
88–8190	Bearing – Journal	15	30	1
88–8210	Plug Assembly	15	19	1
88–8220	Valve – By–Pass	15	4	1
88–8230	Seal – Lip	15	29	1
88–8280	Lever – Steering Adjust	6	6	1
88–8290	Steering Column Assembly	6	25	1
88–8330	Cable – Engine Ground	9	4	1
88–8330	Cable – Negative	11	21	1
88–8340	Trim – Panel	2	35	1
88–8350	Tab – Bearing	4	39	1
88–8380	Muffler Shield Assembly	11	11	1
88–8390	Cover – Cable	11	22	1
88–8480	Bracket – Pivot	18	10	1
88–8490	Decal – Infield Pro 5000	2	*	2
88–8510	Dowel	6	29	2
88–8520	Block – Lock Lower	6	30	1
88–8530	Block – Lock Upper	6	8	1
92–1678	Battery	10	9	1
92–1850	Decal – Operating	2	37	1
92–1855	Decal – Control (Japanese)	1	6	1
92–1860	Decal – Console (Japanese)	8	21	1
92–1865	Decal – Warning (Japanese)	1	11	1
92–1870	Decal – Service (Japanese)	7	7	1
92–1871	Decal – Service (French)	7	7	1
92–1872	Decal – Service (Spanish)	7	7	1
92–1873	Decal – Service (German)	7	7	1
92–1874	Decal – Service (Swedish)	7	7	1
92–1875	Decal – Danger (Japanese)	2	36	3
92–1880	Decal – Eccentric Bolt	13	22	1
92–2343	Pedal Assembly	12	15	1
92–2344	Trunnion	12	11	1
92–2348	Hydraulic Tube Assembly	14	3	1
92–2348	Tube – Hydraulic	18	33	1
92–2349	Tube – Hydraulic	18	2	1
92–2349	Tube – Hydraulic	17	37	1
92–8776	Plug Assembly	15	51	2
92–8777	Seal – O–Ring	16	52	2
92–8958	Tank – Fuel	10	2	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–8959	Reservoir – Hydraulic	17	40	1
92–8969	Shaft – Axle	4	7	1
92–8976	Seat	7	19	1
92–8977	Hose – Air Cleaner	1	12	1
92–9074	Cap – Pump End	15	45	1
92–9156	Hydraulic Pump Assembly	14	8	1
93–2190	Air Cleaner Assembly	1	14	1
93–2191	Mounting Band Assembly	2	51	1
93–2195	Element – Air Cleaner	2	*54	1
93–3101	Cap – Fuel	10	1	1
93–4365	Reservoir Cap Assembly	17	3	1
93–6668	Decal – Battery	10	27	1
93–7170	Cap – Fuel (Europe)	10	1	1
93–7252	Decal – CE Mark (Europe)	2	44	1
93–7272	Decal – Caution (Europe)	17	38	2
93–7276	Decal – Danger	10	26	1
93–9050	Decal – Operating (Europe)	2	37	1
93–9051	Decal – Eccentric Bolt	13	22	1
93–9052	Decal – Danger (Europe)	2	36	3
93–9053	Decal – Warning (Europe)	1	11	1
93–9055	Decal – Control (Europe)	1	6	1
93–9056	Decal – Console (Europe)	8	21	1
93–9057	Decal – Service (Danish)	7	7	1
93–9058	Decal – Service (Dutch)	7	7	1
93–9059	Decal – Service (Finnish)	7	7	1
93–9060	Decal – Service (Italian)	7	7	1
93–9061	Decal – Service (Norwegian)	7	7	1
93–9062	Decal – Service	7	7	1
94–1414	Valve	2	*53	1
94–1889	Fender Extension – L.H.	3	*	1
94–1890	Fender Extension – R.H.	3	1	1
94–2690	Filter – Fuel	10	24	1
94–3652	Cover Assembly	2	48	1
94–3653	Bolt	2	49	1
94–3654	Spring – Compression	2	50	1
94–4513	Ring – Retaining	6	9	1
94–4514	Pin – Tilt Lock	6	4	1
94–6044	Fender Assembly L.H.	1	16	1
94–6045	Fender – R.H.	1	7	1
94–6116	Rim	4	5	1
94–6116	Rim	21	11	2
94–8178	Kit – Seal	22	*	1
94–8178	Kit – Seal	23	*	1
94–8178	Kit – Seal	5	*	1
95–0553	Plate – Pump	13	7	1
95–0632	Cover	11	53	1
95–0639	Decal – Service	7	7	1
95–5829	Decal – Operating	2	37	1
218–461	Nut – Lock	8	7	1
218–594	Fuse – 20 Amp	8	11	2
232–35	Valve – Stem	21	13	2
232–35	Valve – Stem	4	15	1
233–39	Handle	6	3	1
233–39	Handle	18	7	1
237–21	Seal–O–Ring	18	14	2
237–21	Seal–O–Ring	21	27	2
237–22	O–Ring	15	2	1
237–22	Seal – O–Ring	14	24	2
237–22	Seal – O–Ring	17	29	2
237–22	Seal – O–Ring	21	34	1
237–22	Seal–O–Ring	18	3	3
237–30	O–Ring	15	44	2
237–30	Seal – O–Ring	14	2	4
237–30	Seal – O–Ring	4	21	4
237–30	Seal–O–Ring	21	19	4
237–30	Seal–O–Ring	18	27	8
237–42	O–Ring	19	2	2
237–42	Seal – O–Ring	14	22	2
237–42	Seal – O–Ring	21	36	1
237–42	Seal–O–Ring	18	5	2
237–78	O–Ring	24	1	2
237–78	Seal–O–Ring	18	12	2
237–78	Seal–O–Ring	21	25	2
237–79	Seal – O–Ring	17	5	4
237–79	Seal – O–Ring	14	7	3
237–79	Seal–O–Ring	18	25	8
237–80	O–Ring	15	20	1
237–80	Seal – O–Ring	4	19	2
237–80	Seal – O–Ring	14	33	1
237–80	Seal–O–Ring	21	17	4
237–86	O–Ring	15	15	4
237–95	O–Ring	15	27	1
237–143	Grommet	10	5	2
237–146	Seal – O–Ring	17	8	3
237–164	Grommet – Rubber	2	45	1
240–3	Grommet	1	1	1
240–11	Grommet	17	19	3
240–11	Grommet	10	20	4
242–50	Nut – Lock	21	12	8
242–50	Nut – Lug	4	6	4
2410–73	Retainer – Teather	17	1	1
2412–34	Clamp – Hose	17	10	3
2412–34	Clamp – Hose	14	31	1
2412–36	Clamp – Hose	17	7	1
2412–36	Clamp – Hose	10	16	2
2412–36	Clamp – Hose	14	35	1
2412–93	Clamp – R	10	3	2
2412–98	Clamp – Hose	10	14	3
2412–98	Clamp – Hose	11	17	1
2412–109	Clip – J	10	23	1
2412–130	Clamp – Hose	1	13	2
2412–133	Clamp – R	7	1	2
2412–138	Clamp – R	18	37	2
251–8	Bearing – Ball	15	35	1
251–307	Bearing	13	16	2
251–352	Bearing Assembly	4	10	1
251–352	Screw – Set	4	14	2
252–82	Bearing – Needle	15	9	1
254–61	Cup – Bearing	4	30	2
254–70	Cone – Bearing	4	29	2
256–113	Bushing – Flange	13	11	2
256–185	Bushing – Sleeve	6	26	1
256–219	Bushing – Flange	12	2	2
256–287	Bushing – Sleeve	6	21	2
2710–11	Link – Connecting	6	18	2
2710–20	Link – Offset	18	38	1
285–17	Plug	2	46	1
285–17	Plug – Pipe	15	1	2
302–5	Fitting – Grease	4	12	1
302–60	Fitting – Grease	13	13	1
302–60	Fitting – Grease	4	31	1
321–3	Screw – Cap Hex. Hd.	8	1	4
321–3	Screw – Cap Hex. Hd.	10	11	2
321–3	Screw – Cap Hex. Hd.	17	14	6
321–3	Screw – Cap Hex. Hd.	1	18	2
321–10	Screw – Cap Hex. Hd.	4	38	1
321–23	Screw – Cap Hex. Hd.	18	1	3
322–1	Screw – Cap Hex. Hd.	1	15	2
322–2	Screw – Cap Hex. Hd.	7	3	10
322–2	Screw – Cap Hex. Hd.	1	9	2
322–2	Screw – Cap Hex. Hd.	17	22	4
322–3	Screw – Cap Hex. Hd.	6	14	3
322–3	Screw – Cap Hex. Hd.	18	28	2
322–4	Screw – Cap Hex. Hd.	14	15	8
322–4	Screw – Cap Hex. Hd.	15	24	4
322–4	Screw – Cap Hex. Hd.	11	29	8
322–5	Screw – Cap Hex. Hd.	6	11	3
322–8	Screw – Cap Hex. Hd.	13	15	1
322–9	Screw – Cap Hex. Hd.	11	36	4
322–14	Screw – Cap Hex. Hd.	12	1	1
322–43	Screw – Cap Hex. Hd.	6	5	1
323–5	Screw – Cap Hex. Hd.	10	18	4
323–5	Screw – Cap Hex. Hd.	17	21	3
323–9	Screw – Cap Hex. Hd.	7	12	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
323–10	Screw – Cap Hex. Hd.	13	1	1
323–10	Screw – Cap Hex. Hd.	11	35	2
323–11	Screw – Cap Hex. Hd.	21	4	1
323–11	Screw – Cap Hex. Hd.	11	37	2
323–29	Screw – Cap Hex. Hd.	4	13	3
323–33	Screw – Cap Hex. Hd.	11	34	4
323–34	Screw – Cap Hex. Hd.	21	23	1
323–45	Screw – Cap Hex. Hd.	15	46	4
325–9	Screw – Cap Hex. Hd.	21	15	8
3210–2	Screw – Cap Hex. Hd.	11	54	2
3217–5	Nut – Hex.	10	10	2
3217–25	Nut – Hex	8	15	2
3218–2	Nut – Jam	7	21	2
3218–5	Nut – Jam	12	10	1
3218–13	Nut – Hex.	1	21	2
3219–14	Nut – Hex.	8	17	2
3219–14	Nut – Hex.	1	20	2
3230–18	Bolt – Carriage	1	8	4
3234–7	Screw – Hex. Flange Hd.	2	39	4
3234–29	Screw – Hex. Flange Hd.	2	43	2
3241–5	Screw – Set Sq. Hd.	14	11	6
3253–3	Washer – Lock	17	13	2
3253–4	Washer – Lock	7	2	2
3253–7	Washer – Lock	21	16	8
3254–1	Washer – Lock	1	19	2
3254–2	Washer – ITLW	11	24	1
3254–2	Washer – Lock	1	22	2
3254–5	Washer – Lock	8	6	1
3255–7	Washer – ETLW	11	8	3
3255–20	Washer – E.T.L.W.	8	14	2
3256–1	Washer – Flat	8	3	4
3256–4	Washer – Flat	17	20	3
3256–22	Washer – Flat	10	6	2
3256–22	Washer – Flat	17	12	2
3256–22	Washer – Flat	1	25	2
3256–23	Washer – Flat	12	5	1
3256–23	Washer – Flat	6	7	4
3256–24	Washer – Flat	7	11	4
3256–24	Washer – Flat	12	13	2
3256–24	Washer – Flat	11	30	8
3256–26	Washer – Flat	12	8	1
3256–70	Washer – Flat	3	4	16
3257–32	Key – Woodruff	15	7	1
3257–32	Key – Woodruff	14	9	2
3257–42	Key – Woodruff	21	7	2
3257–42	Key – Woodruff	22	17	1
3257–42	Key – Woodruff	5	17	1
3257–42	Key – Woodruff	4	26	1
3257–42	Key –Woodruff	23	17	1
3258–166	Screw – Phillips Hd.	8	4	4
3269–32	Rivet – Pop	11	9	2
3272–16	Pin – Cotter	12	7	1
3272–37	Pin – Cotter	4	32	1
3274–4	Pin – Cotter	7	14	2
3274–5	Screw – Hex. Socket Hd.	14	20	2
3274–31	Screw – Hex. Socket Hd.	8	*	3
3274–31	Screw – Hex. Socket Hd.	21	40	3
3274–55	Screw – Hex. Socket Hd.	3	3	8
3274–86	Screw – Hex. Socket Hd.	17	27	2
3274–93	Screw – Hex. Socket Hd.	4	28	2
3289–24	Screw – Socket Flat Hd.	6	28	1
3290–256	Pin – Hair	21	1	2
3290–360	Screw – Cap Hex. Hd.	18	8	2
3290–378	Tie – Cable	8	*	3
3290–378	Tie – Cable	11	23	2
3290–378	Tie – Cable	21	37	3
3290–378	Tie – Cable	4	40	2
3290–496	Nut – Retaining	2	42	4
3290–509	Mount – Tie	8	*	3
3290–509	Mount – Tie	21	39	3
3296–2	Nut – Lock	18	9	2
3296–2	Nut – Lock	1	10	4
3296–4	Nut – Lock	13	8	1
3296–4	Nut – Lock	6	16	2
3296–8	Nut – Lock	18	11	3
3296–8	Nut – Lock	1	26	2
3296–8	Nut – Lock	4	33	1
3296–9	Nut – Lock	13	21	2
3296–23	Nut – Lock	14	10	2
3296–23	Nut – Lock	12	12	1
3296–23	Nut – Lock	4	25	2
3296–29	Nut – Hex.	14	12	8
3296–29	Nut – Lock	3	2	8
3296–29	Nut – Lock	1	4	6
3296–29	Nut – Lock	13	4	2
3296–29	Nut – Lock	12	6	1
3296–29	Nut – Lock	6	12	6
3296–29	Nut – Lock	7	13	6
3296–29	Nut – Lock	17	23	4
3296–29	Nut – Lock	11	32	8
3296–29	Nut– Lock	11	20	4
3296–39	Nut – Lock	4	4	3
3296–39	Nut – Lock	12	14	1
3296–39	Nut – Lock	7	16	2
3296–39	Nut – Lock	13	23	1
3296–39	Nut – Lock	11	28	4
3296–39	Nut – Lock	21	29	1
32103–12	Nut – Wing	10	7	2
32105–13	Screw – Cap Hex. Hd.	1	5	4
32105–21	Screw – Machine	13	3	2
32120–11	Ring – Retaining	15	36	1
32120–15	Ring – Retaining	15	34	1
32121–6	Pin– Roll	14	26	1
32121–15	Pin – Roll	6	24	2
32121–91	Pin – Coiled Spring	15	38	3
32121–111	Pin – Roll	6	2	1
32121–112	Pin – Roll	6	13	1
32128–20	Nut – Flange Lock	1	17	2
32128–20	Nut – Flange Lock	7	18	4
32136–9	Nut – Slotted	4	1	1
32141–36	Screw – Leveling	7	20	2
32144–11	Screw – Cap Hex. Hd.	1	3	8
32144–11	Screw – Self Tapping	10	4	3
32144–11	Screw – Thread Forming	17	26	3
32144–11	Screw – Thread Forming	18	36	2
32144–73	Screw – Cap Hex. Hd.	14	29	4
32148–6	Nut – Clinch	8	19	8
32148–6	Nut – Clinch	17	32	4
32148–8	Nut – Clinch	2	40	2
32148–11	Nut – Clinch	2	41	3
32151–46	Ring – Retaining	15	13	2
32152–10	Nut	24	3	1
3334–945	Tie – Cable	21	41	1
340–2	Fitting – Hydraulic Straight	21	35	1
340–4	Fitting – Hydraulic Straight	18	26	7
340–6	Fitting – Hydraulic Straight	21	18	4
340–18	Fitting – Hydraulic 90°	17	36	2
340–77	Fitting – Hydraulic 90°	18	4	1
340–77	Fitting – Hydraulic 90°	14	23	2
340–86	Fitting – Hydraulic Tee	18	17	1
340–89	Fitting – Hydraulic 45°	4	20	2
340–92	Fitting – Hydraulic Straight	18	13	1
340–98	Fitting – Hydraulic 90°	14	6	2
340–98	Fitting – Hydraulic 90°	18	29	1
340–132	Fitting – Hydraulic 90°	21	26	2
353–550	Plug – Hydraulic	17	39	1
354–78	Fitting – Hydraulic Straight	17	16	1
354–120	Fitting – Hydraulic 90°	17	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.

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European parts kit number 93–9743 contains all of the individual parts on the preceding pages designated as (Europe).

Japanese parts kit number 88–8550 contains all of the individual parts on the preceding pages designated as (Japanese).

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

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GG-96877