FORM NO. 3313-261

TORO®

MODEL NO. 38162-8000001 & UP

PARTS CATALOG

TORO S-620 ELECTRIC

SHROUD & HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	39-0890	Upper Shroud	1
2	49-1620	Decal — Toro	1
3	32144-27	Screw — Thread Forming	3
4	39-0560	Control Assembly — Choke	1
5	32104-76	Screw — Self Tapping Acorn Hd.	2
6	23-7470	Guide — Starter Rope	1
7	40-5940	On-Off Switch	1
8	62-7770	Key	1
9	49-1330	Decal — Control Panel	1
10	49-1370	Upper Handle	1

Ref. No.	Part No.	Description	No. Used
11	32149-2	Locknut	1
12	49-1490	Nut — Shroud	2
13	3290-225	Nut — Retainer	4
14	32105-11	Screw — Slotted Hex Hd.	4
15	49-1610	Shroud — Lower	1
16	3290-453	Nut — Push In	3
17	32144-34	Screw — Thread Forming	6
18	3256-61	Washer	1
19	39-8180	Control Wire	1
20	52-3300	Nut — "U"	3
21	63-3710	Decal	1

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LOWER MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	52-7080	Vane — Outside	2
2	52-9100	Side Plate — Right	1
3	32144-4	Screw	6
4	52-7170	Housing	1
5	32144-34	Screw — Thread Forming	3
6	52-7090	Linkage — Vane Adjustment	1
7	32104-77	Screw — Self-Tap Acorn Hd.	2
8	32128-25	Nut — Flange	1
9	51-2950	Spacer	1
10	63-3720	Moulding	1
11	41-8480	Mount — Vane	1
12	25-6400	Pulley	1
13	3257-3	Key — Woodruff	1
14	3245-41	Screw — Set Socket	2
15	26-9730	Spring — Idler	1
16	25-5880	Pulley — Idler	1
17	323-9	Screw — Cap Hex Hd.	1
18	32117-3	Grommet	1
19	25-5640	Washer	1
20	27-0410	Screw — Shoulder	1
21	321-3	Screw — Cap Hex Hd.	5
22	54-9940	Drive Cover	1
23	3256-22	Washer	6
24	32104-10	Screw — Self Tap	1
25	32105-2	Screw — Machine Hex Washer Hd.	6

Ref. No.	Part No.	Description	No. Used
26	49-1530	Pulley Assembly — Rotor	1
27	25-6430	Drive Belt	1
28	26-0970	Washer	1
29	33-2130	Side Plate — Left	1
30	38-7820	Ball Bearing	2
31	52-7280	Thrust Washer	2
32	38-8620	Bearing Flange	1
33	52-9120	Drive Shaft & End Cap	1
34	23-3190	Shell — Rotor	2
35	3292-8	Rivet — Truss Hd.	3
36	3296-2	Nut — Lock	6
37	3256-61	Washer	4
38	5-4460	Washer — Pivot	1
39	26-8990	Idler Arm	1
40	3256-24	Washer — Flat	2
41	3296-39	Nut — Lock	1
42	29-7430	Eyelet	1
43	32152-4	Nut — Lock	5
44	52-7060	Vane — Center	7
45	23-3730	Blade — Rotor	2
46	37-0370	Screw — Thread Forming	14
47	52-9110	Bearing Flange	1
48	3234-25	Screw — Cap Hex Flange	1
49	52-7270	Washer — Rubber	1
50	52-7290	Retainer — Bearing	1
51	32111-14	Nut — Cap	3

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	42-0680	Gas Cap Assy. (Incl. Ref. #2)	1
2	20-4620	Gasket — Gas Cap	1
3	25-1610	Foam Pad	1
4	39-8670	Gas Tank	1
5	49-1550	Support — Gas Tank	1
6	3290-244	Washer — External & Internal Tooth	2
7	32152-4	Nut — Lock	3
8	32128-30	Nut — Flange	2
9	7-3315	Spacer	1
10	49-1570	Support — Engine	1
11	38-8710	Stud	1
12	32144-10	Screw — Thread Forming	1
13	2412-65	Cable Clamp	1
14	49-1360	Lower Handle Assembly	1
15	3-7501	Washer — Handle	2
16	32111-7	Nut — Cap	1
17	52-7120	Eyebolt	1
18	49-1600	Rod — Vane Adjustment	1
19	49-2480	Gas Line	1
20	2412-86	Fuel Hose Clamp	2
21		Engine	1
22	23-3810	Gasket — Exhaust Pipe	1

Ref. No.	Part No.	Description	No. Used
23	52-7200	Exhaust Pipe	1
24	4-2390	Washer	4
25	3256-23	Washer — Flat	4
26	3296-29	Nut — Lock	10
27	27-0060	Axle	1
28	3256-24	Washer — Flat	2
29	23-3250	Wheel	2
30	3290-320	Retainer — Push On	2
31	322-3	Screw — Cap Hex Hd.	6
32	3296-56	Nut — Lock	3
33	3256-22	Washer — Flat	3
34	23-3170	Scraper	1
35	52-7130	Screw — Button Hd. Carriage	3
36	49-1540	Exhaust — Muffler Assembly	1
37	28-9120	Motor Support — Rear	1
38	3290-379	Strap — Motor Tie Down	1
39	32144-26	Screw — Thread Forming	2
40	51-2990	Bracket — Motor Mounting	1
41	3296-42	Nut — Lock	3
42	3234-23	Screw — Flange	2
43	32144-4	Screw	3
44	39-0840	Bracket — Vane Adjustment	1
45	12-5450	Screw — Special	1

STARTER MOTOR & SWITCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	36-8370	Plug	1
2	61-4830	Plastite Screw	4
3	61-4840	Cap — Switch Housing	1
4	36-8350	Boot — Switch	1
5	36-8340	Switch	1
6	36-8360	Wire — Switch to Rectifier	2
7	37-7600	Bridge Rectifier	1
8	61-4850	Base — Switch Housing	1
9	33-5130	Cable Cover	1
10		Starter Motor	1
11	5-6530	Clip — Retaining	1

Ref. No.	Part No.	Description	No. Used
12		Helix Pinion Nut	1
13	25-3400	Ring — Rubber	1
14		Pinion	1
15	33-5570	Washer	1
16	33-3230	Spring	1
17	33-3210	Pinion Stop	1
18	32151-49	External Retaining Ring	1
*	28-9140	Starter Motor Assembly (Incl. Ref. #10-18)	1
*	36-5350	Pinion Assy. (Incl. Ref. #11-14)	1
*	28-9170	Cord — 7 ft.	1

* Not Illustrated

CARBURETOR NO. 632142A

Ref. No.	Part No.	Description	No. Used
1	632130	Shaft & Lever Assy. — Throttle	1
3	631036	Shutter — Throttle	1
4	650506	Screw — Throttle & Choke Shutter	1
7	631888	Shaft & Lever Assy. — Choke	1
8	630735	Spring — Choke Positioning	1
9	31837	Shutter — Choke	1
10	631562	Screw — Idle Adjustment	1
11	630738	Spring — Adjustment Screw	1
12	630739	Washer — Adjustment Screw	1
13*	630740	"O" Ring — Adjustment Screw	1
14	630898	Screw — Main Adjustment	1
15*	630748	Plug — Welch	1
17*	630746	Plug — Welch	1

Ref. No.	Part No.	Description	No. Used
18	631049	Spring — Valve	1
19	630742	Gasket — Valve Seat	1
20*	630932A	Inlet Needle, Seat, Spring & Gasket Assembly (Incl. Ref. #18 & 19)	1
21	630750	Gasket — Diaphragm	1
22*	630978	Diaphragm Assembly (Incl. Ref. #21)	1
23	632127	Cover — Diaphragm	1
24	650817	Screw — Diaphragm Cover	1
25	632163	Disk	1
26	632164	Fitting — Fuel Inlet	1
31	631893	Repair Kit (Incl. Items Marked *)	1

* Indicates Parts Included in Repair Kit Ref. #31.

ENGINE TECUMSEH MODEL AH-600 TYPE 1623-M

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Ref. No.	Part No.	Description	No. Used
1	290571	Crankshaft	1
2	310235B	Rod Assembly — Connecting (Incl. Ref. #3, 3A & 3B)	1
3	650633	Screw — Connecting Rod	1
3A	530104A	Bearing — Cartridge	1
3B	530150	Bearing & Liner Set — Needle	1
4	310269	Piston	1
5	310264	Pin — Piston	1
6	310167	Ring — Piston Pin Retaining	1
7	310190	Ring Set — Piston	1
8		Block Assembly — Cylinder (Order short block if replacement is required.)	1
9	530105	Bearing — Needle	1
9A	530110	Bearing — Ball	1
10	510319	Seal — Crankshaft	1
11	650801	Stud — 1/4-20 x 1-1/4	1
11	650883	Stud — 1/4-20 x 1-1/8	1
12	650796	Stud — 5/16-18 x 1-1/4	1
14*	510323	Gasket — Cover	1
15	570644	Plate — Cover	1
16	650579	Screw — Pan Flex Hd.	1
18	490291A	Vane Assembly — Air	1
20	490294	Link — Governor	1
21*	510274	Gasket — Cylinder Head	1
22	250240A	Head — Cylinder	1
23	650477	Screw — Pan Flex Hd.	1
24	611049	Plug — Spark (RCJ-8Y or equivalent)	1
26	350421	Base Assembly — Blower Housing (Incl. Ref. #10)	1
27	650561	Screw — Hex Hd.	1
29	590551	Cup — Starter	1
30	650815	Washer — Spring	1
31	650390	Nut — Flywheel	1
32	350399	Housing — Blower	1
34	610118	Cover — Spark Plug	1
36	570645	Lever — Adjusting	1
37	570646	Spring — Adjusting Lever	1
39	650527	Stud — Carburetor	1
40*	510326	Gasket — Carburetor	1
41	650457	Nut — Hex	1
42*	510292	Gasket — Housing Base	1
43	570438A	Spacer	1
45	611065	Harness — Wire	1
46	650356	Screw — Hex Washer Hd. Powerlok Thread	1
47*	510325	Gasket — Cover	1
48	570647	Cover Assembly — Compression Release	1
49	650838	Washer — Flat	1
50	650579	Screw — Pan Flex Hd.	1
51	510206	Gasket	1
52	570434	Baffle — Air	1
53	650229	Screw — Round Hd.	1
54	611034	Clip	1
66	570629A	Primer Assembly (Incl. Ref. #70)	1
67	32180C	Line — Primer	1
70	570442A	Bulb — Primer	1
84	611050	Flywheel	1
85	611032	Sleeve — Flywheel	1
86	34443A	Solid State Assembly	1
87	650814	Screw — Hex Hd.	1
88		Rivet — Pop (3/16" dia.) (Can be purchased locally)	1
89	632142A	Carburetor (Incl. Ref. #40)	1
90	590537	Starter Assembly — Rewind	1
91	510324A	Gasket Set (Incl. Items Marked *)	1

*Indicates parts included in Gasket Set, Ref. #91.

REWIND STARTER NO. 590537

Ref. No.	Part No.	Description	No. Used
1	590409A	Screw — Retainer	1
2	590410	Retainer — R.H.	1
3	590411	Spring — Brake	1
4	590148	Dog — Starter	1
5	590412	Spring — R.H. Dog	1

Ref. No.	Part No.	Description	No. Used
6	590413A	Pulley	1
7	590414	Spring & Keeper Assembly	1
8	590536	Housing Assembly — Starter	1
9	590535	Rope — Starter	1
10	590452	Handle Assembly — Starter	1

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