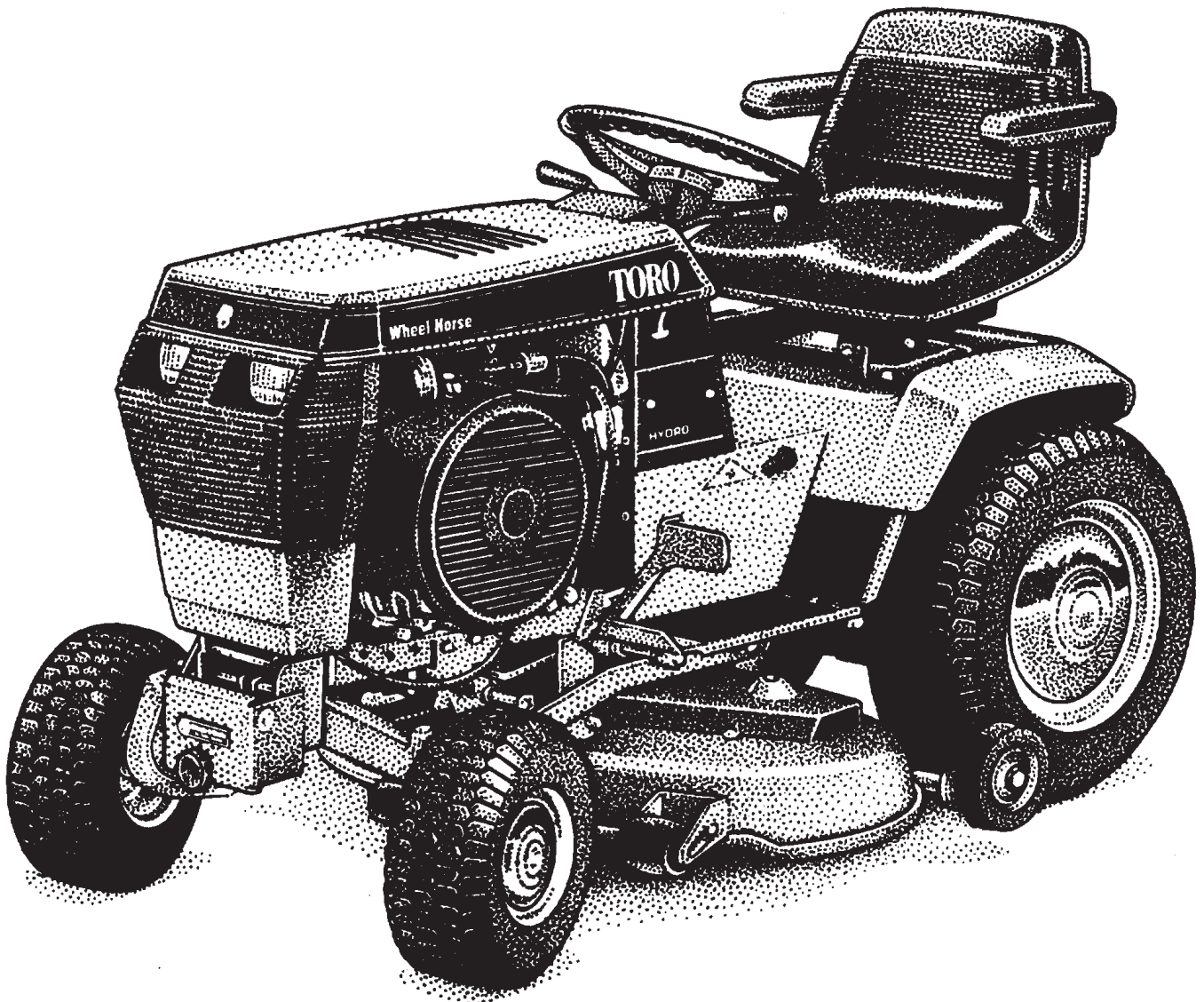


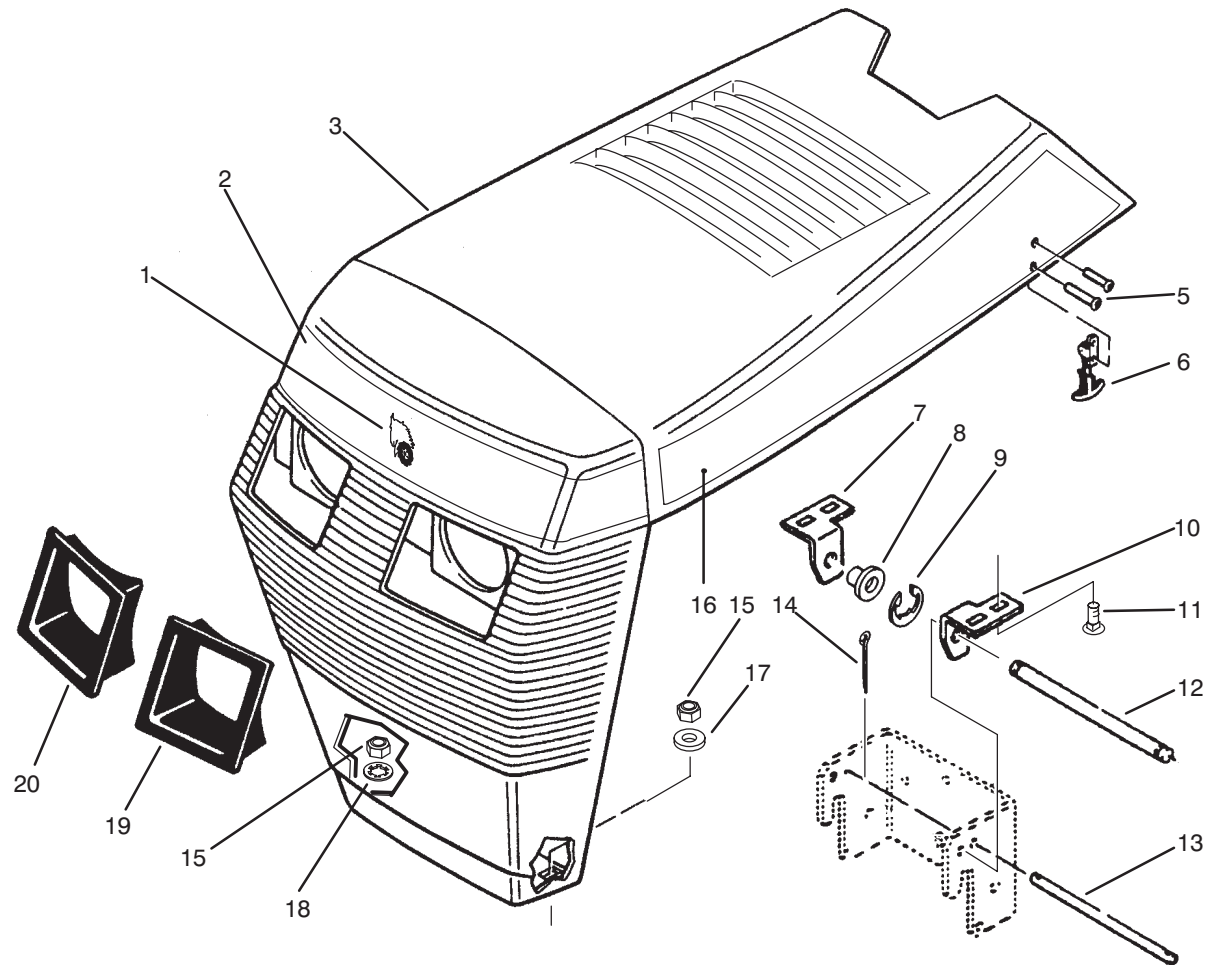


MODEL NO. 73520-5900178 & UP

PARTS
CATALOG

WHEEL HORSE®
520-He GARDEN TRACTOR





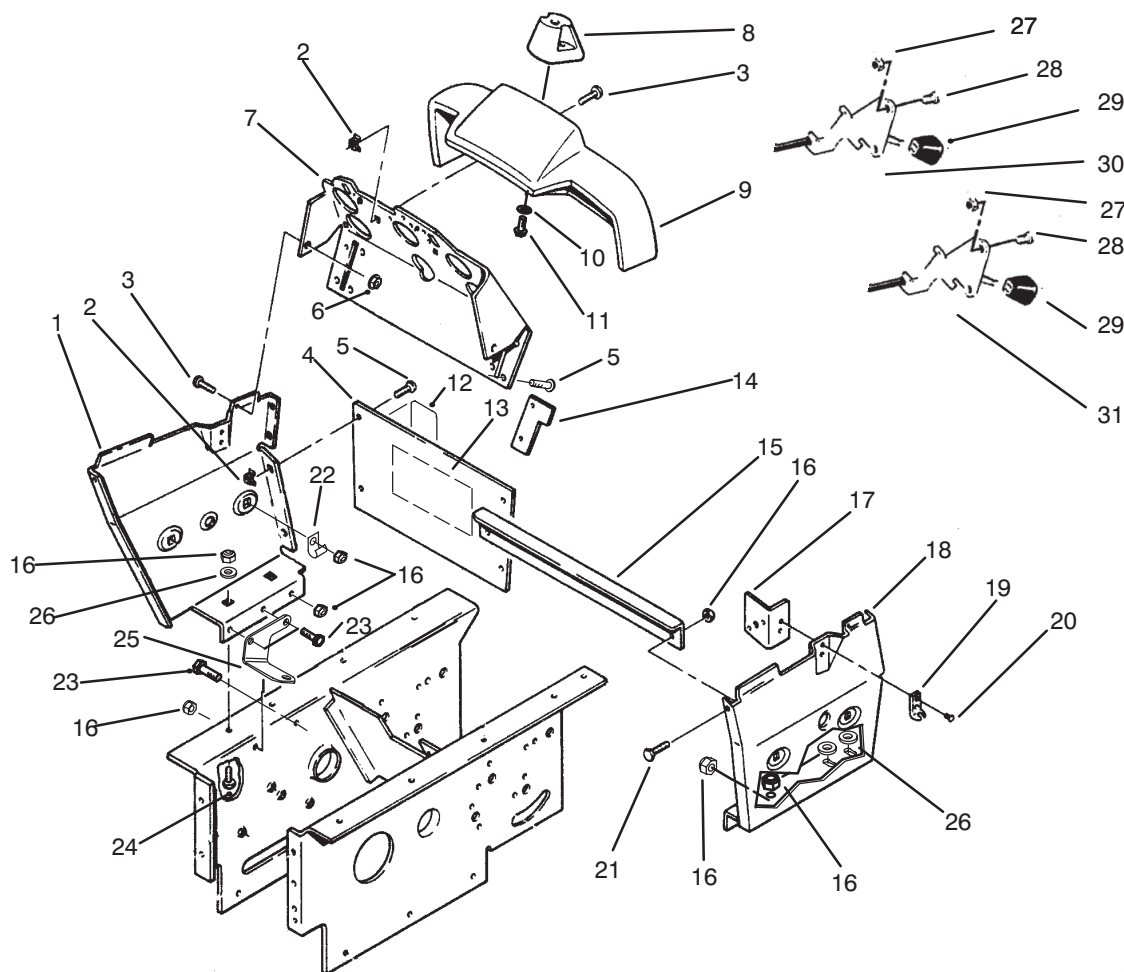
C-2042

HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-9836	Plate - Logo	1
2	92-9826	Decal - Front	1
3	114709	Hood	1
5	117432	Rivet - Pop	4
6	117344	Latch - Hood	2
7	116746	Bracket - RH	1
8	5979	Bushing	2
9	105797	Ring - Retaining	2
10	116747	Bracket - LH	1
11	3229-25	Bolt - Carriage	4

Ref. No.	Part No.	Description	No. Used
12	116745	Rod - Pivot	1
13	101850	Rod - Hood Stop	1
14	3272-1	Pin - Cotter	2
15	3296-42	Nut - Lock	4
16	92-9834	Decal - Hood LH	1
*	92-9835	Decal - Hood RH	1
17	3256-22	Washer	3
18	3254-2	Washer - Internal Tooth	1
19	109495	Bezel - Headlight LH	1
20	109494	Bezel - Headlight RH	1

*Not Illustrated



C-2043

DASH AND SIDE PANELS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	113962	Panel — RH	1	16	3296-29	Nut — Lock	11
2	32115-5	Nut — Speed	12	17	114628	Bracket — Switch	1
3	9108392	Screw	6	18	79-4890	Panel — LH	1
4	92-7295	Plate — Hoodstand, Rear (Incl. Ref. #13)	1	19	117343	Keeper — Latch	2
5	9108372	Screw — Black	8	20	117433	Rivet — RS Pop	4
6	32128-33	Nut — Lock, Flange Hd.	2	21	322-1	Screw — Hex. Hd.	2
7	117267	Panel — Dash	1	22	8830	"J"Clip	1
8	118410	Cover — Steering	1	23	322-3	Screw — Hex. Hd.	3
9	115620	Cover — Console, 5-Gage	1	24	9000369	Bolt	2
10	92-0270	Washer	4	25	78-1540	Bracket — Control, Lower	1
11	118780	Screw — Plastite	4	26	3256-23	Washer — Flat	4
12	111960	Decal — PTO Clutch	1	27	9157404	Nut — Lock	4
13	92-9838	Decal — Danger	1	28	9107922	Screw	4
14	114641	Stop — Choke	1	29	66-0120	Knob — Throttle Control	2
15	113932	Stiffener — Panel	1	30	115392	Control — Throttle	1
				31	114027	Control — Choke	1

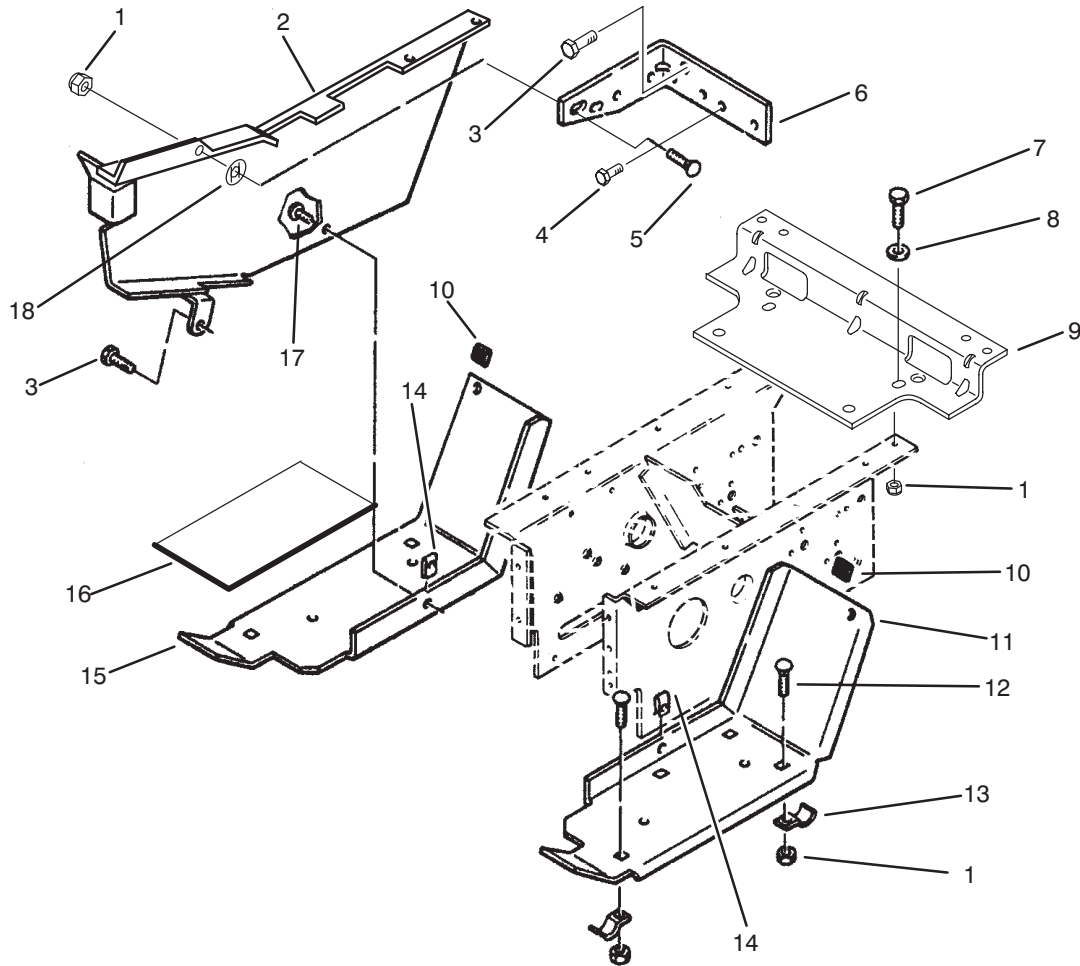


C-2044

HOODSTAND ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	116000	Bolt – Carriage	4
2	108457	Nut – Push On	1
3	321-3	Screw – Hex. Hd.	2
4	117191	Bracket – Holder, Fuse	1
5	3296-29	Nut – Lock	1
6	915740	Nut	2
7	116309	Bracket – Support, Battery	1
8	92-7293	Plate – Hoodstand, Top (Incl. Ref.#10)	1
9	910837	Screw – Black	3

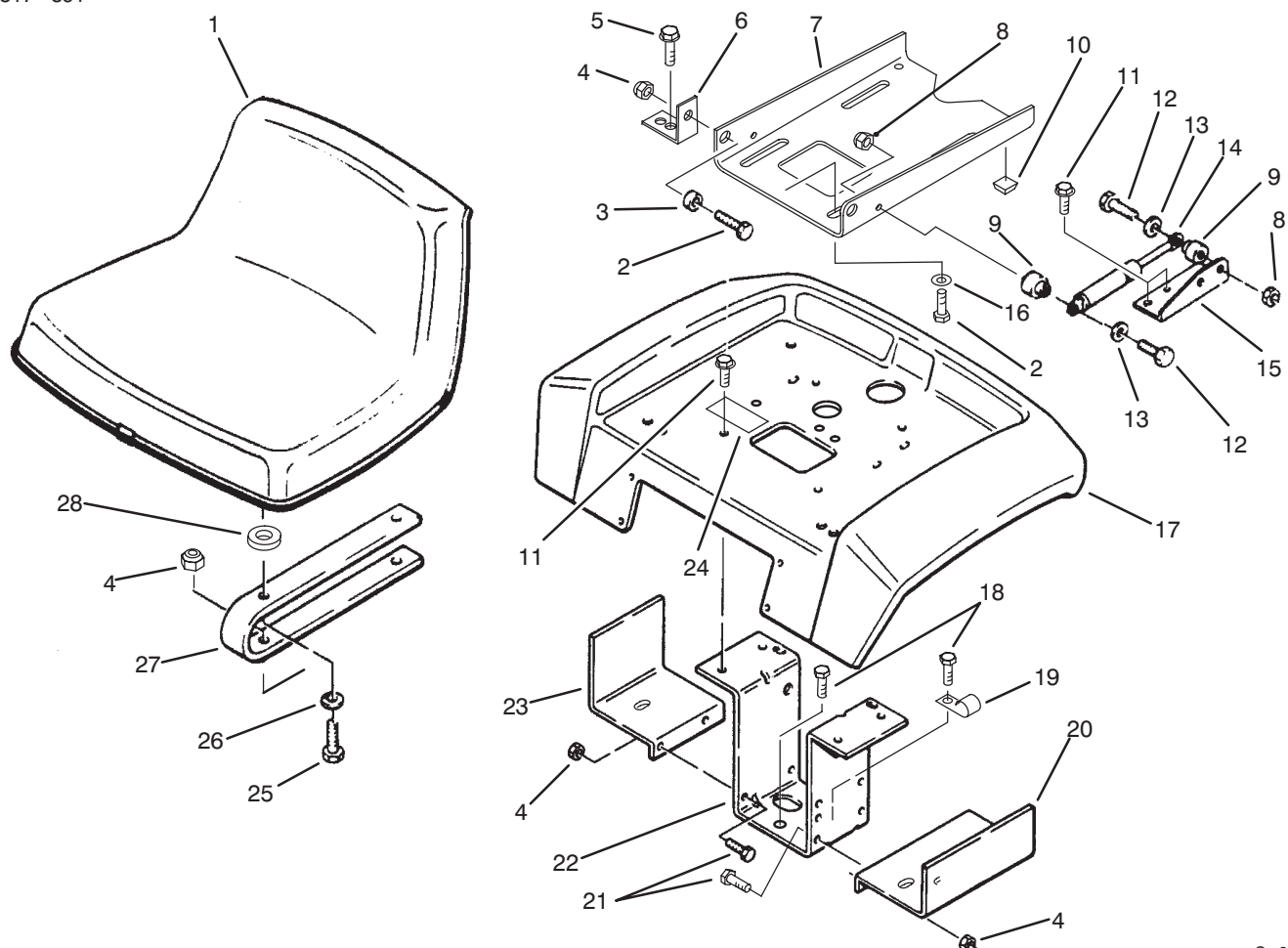
Ref. No.	Part No.	Description	No. Used
10	92-8946	Decal – Danger	1
11	910839	Screw	2
12	116445	Decal – Brake, Parking	1
13	926694	Screw – Hex. Hd.	14
14	79-5120	Hoodstand	1
15	107069	Nut – Speed	5
16	79-5130	Cover – Side, LH	1
17	322-3	Screw – Hex. Hd.	5
18	79-4020	Plate – Front	1
19	8830	J-Clip	1



C-2046

BELT GUARD AND FOOTREST ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-29	Nut - Lock	8	10	518211	Bumper	2
2	92-1527	Guard - Belt	1	11	106223	Footrest - LH	1
3	926694	Bolt	2	12	116000	Bolt - Carriage	4
4	926671	Screw - Hex. Hd.	1	13	7456	Bracket	4
5	3230-1	Bolt - Carriage	1	14	107069	Clip	2
6	109554	Bracket - Support, Guard	1	15	106222	Footrest - RH	1
7	322-5	Screw - Hex. Hd.	2	16	110636	Pad - Footrest	2
8	3256-23	Washer - Flat	2	17	910837	Screw	1
9	113023	Bracket - Fender	1	18	108457	Nut - Push On	1

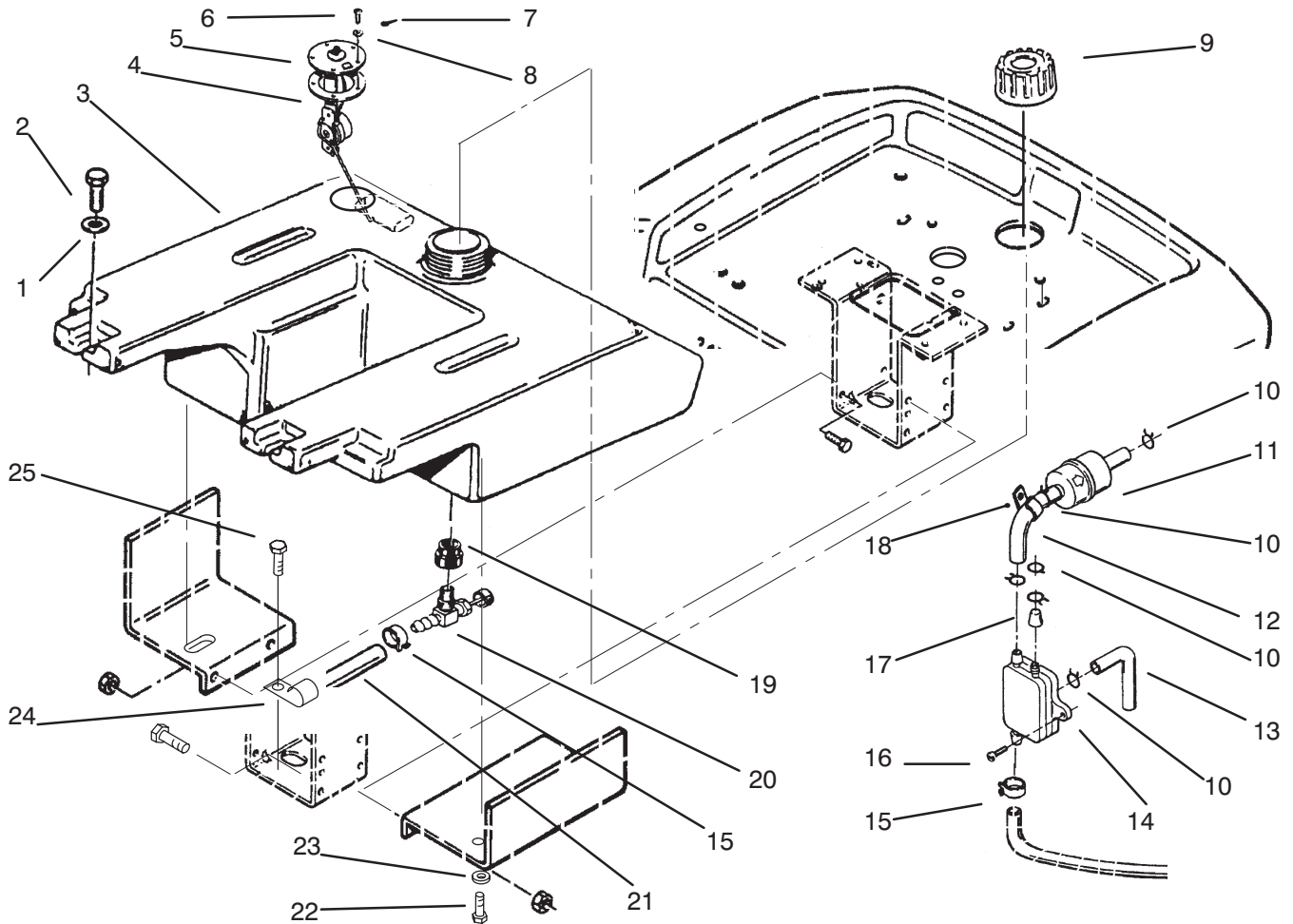


C-2045

FENDER AND SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	79-0670	Seat	1
2	322-4	Screw — Hex. Hd.	6
3	105503	Bushing	2
4	3296-29	Nut — Lock	10
5	926697	Bolt — Flange Hd.	4
6	105524	Bracket — Pivot	2
7	78-2990	Plate — Pivot, Seat	1
8	3296-42	Nut — Lock	2
9	114344	Spacer	2
10	111071	Bumper	2
11	926694	Bolt — Flange Hd.	6
12	321-8	Screw — Hex. Hd.	2
13	3256-22	Washer — Flat	2
14	114343	Cylinder — Spring, Gas	1

Ref. No.	Part No.	Description	No. Used
15	114345	Bracket	1
16	3256-23	Washer — Flat	4
17	16-0079	Fender	1
18	3235-22	Screw — Hex. Hd., Nylon	2
19	8830	J-Retainer	1
20	108464	Support — LH, Fuel Tank	1
21	322-3	Screw — Hex. Hd.	4
22	79-4990	Bracket — Support, Fender	1
23	106236	Support — RH, Fuel Tank	1
24	116446	Decal — Do Not Tow	1
25	322-5	Screw — Hex. Hd.	4
26	3253-4	Washer — Lock	4
27	110920	Spring — Seat	2
28	109989	Spacer	4



FUEL TANK AND FUEL PUMP

Ref. No.	Part No.	Description	No. Used
1	3256-4	Washer	2
2	926794	Bolt	2
3	114012	Tank - Fuel (Incl. Ref.# 19 & 20)	1
4	113372	Gasket	1
5	113358	Sender - Fuel Level	1
6	910807	Screw	5
7	79-3180	Terminal - Ground	1
8	3253-17	Washer - Lock	5
9	55-3570	Cap - Fuel	1
10	82-1080	Clamp - Hose	6
11	71-5960	Filter - Fuel	1
12	NN10790	Line - Fuel 12"	1

Ref. No.	Part No.	Description	No. Used
13	NN10302	Line - Fuel 7"	
14	NN10212	Pump - Fuel	1
15	108898	Clamp - Corbin	2
16	59-1050	Screw - ST Pan Hd	2
17	NN10211	Cap - Fuel Fitting	1
18	105490	Clamp	1
19	104047	Bushing - Rubber	1
20	104048	Valve - Fuel Shut-Off	1
21	110521	Line - Fuel 53"	1
22	322-2	Bolt	3
23	3253-4	Washer - Lock	2
24	NN10348	Clip - Wire	1
25	3235-22	Screw - Hex. Hd., Nylon	1



C-2051

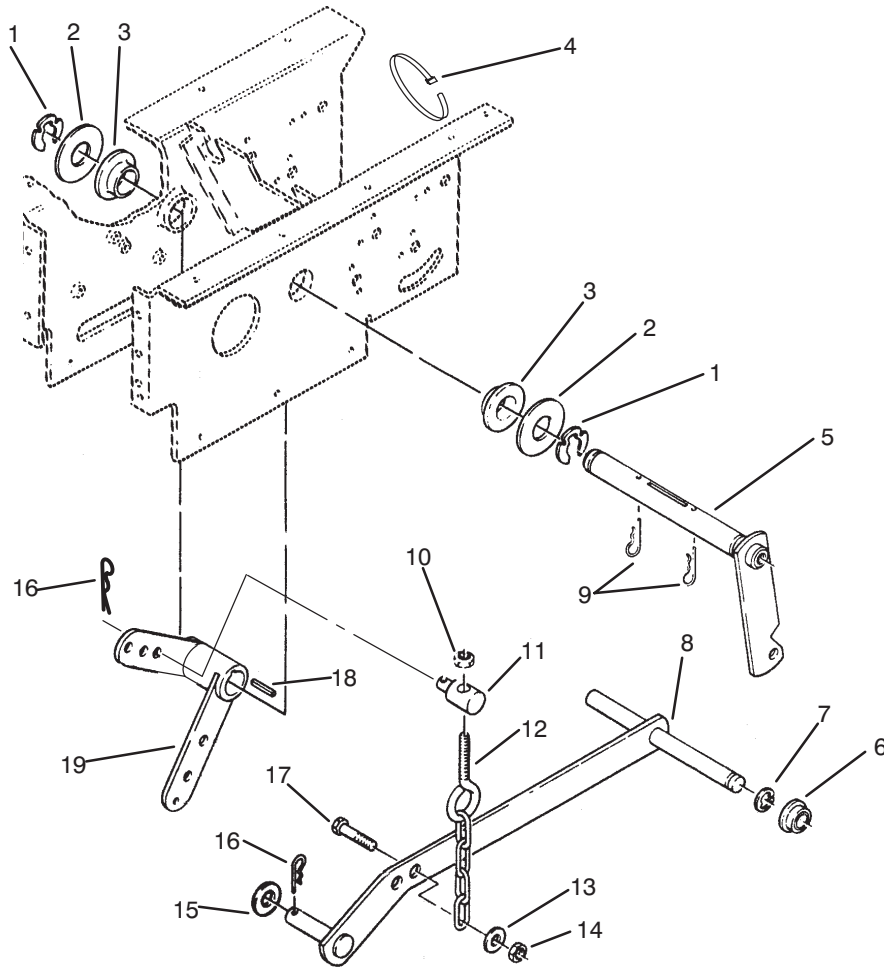
HYDRAULIC CONTROL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	114000	Valve – Hydraulic (Incl. Ref. #3–4)	1
2	3296-42	Nut	2
3	9321204	Pin – Clevis	1
4	3272-1	Pin – Cotter	2
5	78-5640	Bar – Lift	1
6	5983	Bushing	1
7	933198	Pin – Spirol	1
8	116302	Arm – Control	1
9	117328	Rod – Lift Control	1
10	321-4	Screw	1
11	116305	Bracket – Control Rod	1
12	3296-42	Nut	1
13	116634	Knob – Hydraulic Lift	1
14	3296-29	Nut	1
15	3256-23	Washer – Flat	2
16	104841	Spring	1
17	973310	"O"Ring	4
18	110125	Hose – Valve To Cylinder	1
19	102628	Fitting – Straight Adapter (Incl. Ref. #20)	1

Ref. No.	Part No.	Description	No. Used
20	973370	"O"Ring	4
21	86-9280	Tube – Hydraulic (Pressure)	1
22	3272-11	Pin – Cotter	1
23	9329974	Pin – Clevis	1
24	101699	Kit – Service, Cylinder Repair	1
25	109088	Kit – Service, Cylinder Repair	1
26	119340	Cylinder – Hydraulic (Incl. Ref. #24–25)	1
27	9202324	Washer	1
28	101757	Spacer	1
29	110124	Hose – Valve To Cylinder	1
30	106267	Grommet – Rubber	1
31	321-11	Bolt	2
32	94-1802	Tube – Hydraulic (Return)	1
33	108365	Fitting – 90° (Incl. Ref. #20)	2
*	109081	Kit – Service, Valve Repair	1
*	100571	Tie – Cable	1

*Not Illustrated

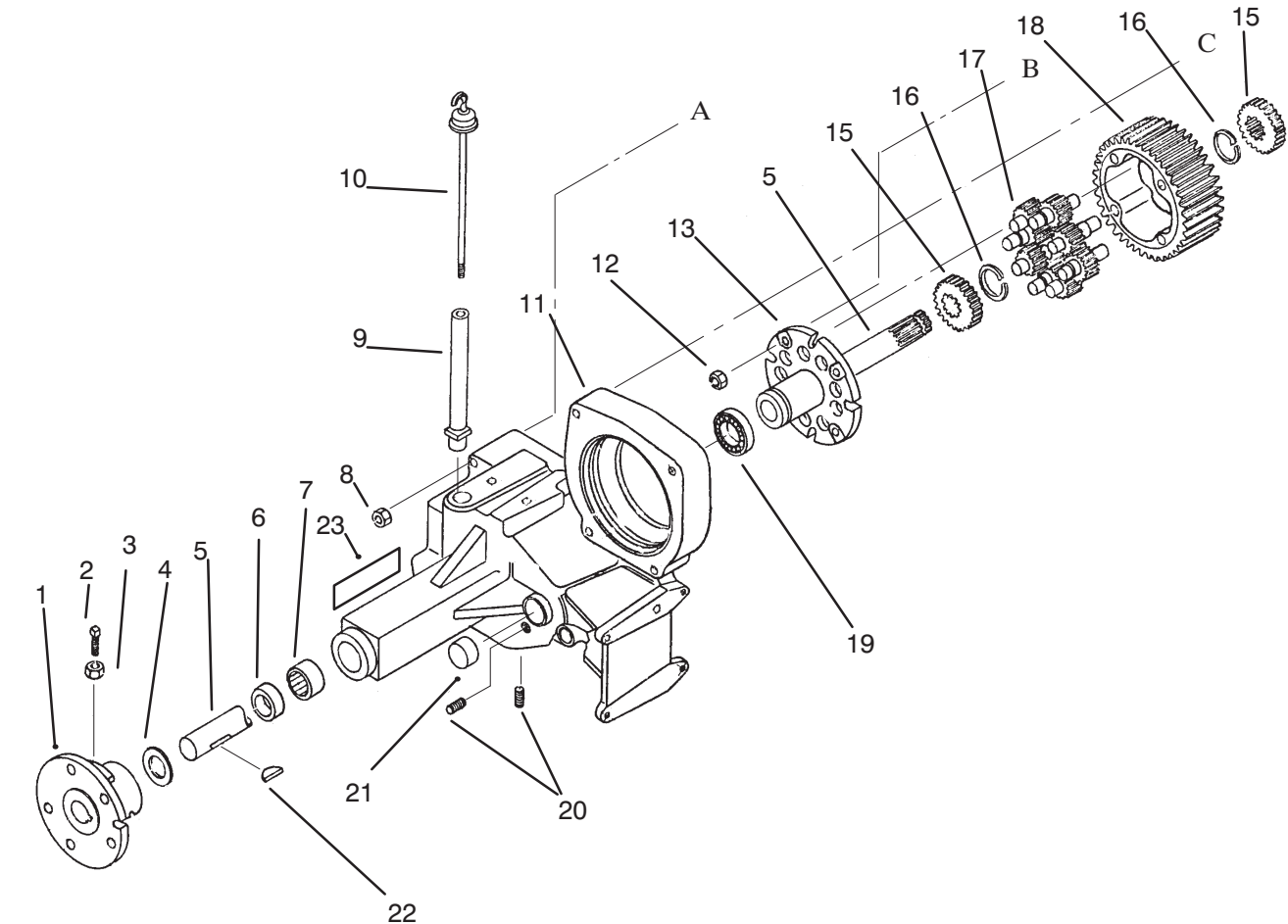
Note : In Illustration Center lines A Continue on next page



C-2058

HYDROSTATIC LIFT LINKAGE

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32151-91	Retainer	2	11	6739	Trunnion	1
2	3256-30	Washer - Flat	3	12	106522	Chain - Lift	1
3	106269	Flange Bearing	2	13	3256-23	Washer - Flat	1
4	3290-378	Tie - Cable	2	14	3296-29	Nut - Lock	1
5	121100	Lever - Lift	1	15	3256-26	Washer - Flat	1
6	6229	Bearing	1	16	933505	Pin - Cotter	2
7	32120-47	Ring - Retaining	1	17	322-5	Screw - Hex. Hd.	1
8	113445	Bar - Lift	1	18	1121	Key	1
9	933507	Pin - Cotter	2	19	78-1550	Crank - Bell	1
10	3296-39	Nut - Lock	1				



TRANSAXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	105763	Hub – Rear	1	15	101889	Gear – Differential Axle 24 Tooth	2
2	3243-5	Screw – Set	2	16	105876	Ring – Retaining	2
3	3218-3	Nut	2	17	101623	Gear – Differential Pinion 11 Tooth	8
4	106826	Washer – Thrust	1	18	105061	Gear – Differential Ring 43 Tooth	1
5	108362	Axle – Rear, RH Long	1	19	111199	Bearing – Ball	1
6	6449	Axle – Seal	1	20	281-10	Plug – Pipe	2
7	9416	Bearing – Needle	1	21	1532	Bearing – Needle	2
8	3296-39	Nut	3	22	937108	Key – Woodruff	1
9	106448	Tube – Filler	1	*	93-9814	Transaxle (Incl.. Ref. #23)	1
10	110768	Dipstick	1	23	88-2790	Decal – Danger	1
11	92-7298	Case – Transaxle, RH (Incl. Ref.#23)	1				
12	108881	Nut	4				
13	111196	Cap – Differential End	1				

Note : In Illustration Center lines A,B and C
Continue on next page



TRANSAXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	108361	Axle — Rear, LH Short	1	19	108357	Seal — Oil	1
2	111196	Cap — Differential End	1	20	1538	Bearing — Needle	1
3	111199	Bearing — Ball	1	21	323-26	Screw — Hex. Hd.	1
4	107374	Washer — Special	4	22	323-25	Screw — Hex. Hd.	3
5	911423	Bolt	4	23	109367	Bracket — Brake	1
6	9080356	Bolt	1	24	323-9	Screw — Hex. Hd.	1
7	111201	Case — Transaxle, LH	1	25	7956	Washer — Thrust	1
8	108312	Gasket — Case	1	26	109370	Shaft	1
9	323-15	Bolt	2	27	937099	Key — Woodruff	1
10	9080406	Bolt	1	28	108363	Pin — Dowel	2
11	9416	Bearing — Needle	1	29	109752	Gear 46 Tooth	1
12	6449	Axle — Seal	1	30	109742	Gear 20 Tooth	1
14	937108	Key — Woodruff	1	31	1532	Bearing — Needle	2
15	106826	Washer — Thrust	1	32	1518	Bearing — Needle	1
16	3243-5	Screw — Set	2	33	9547	Washer — Thrust	1
17	3218-3	Nut	2	34	109703	Gear	1
18	105763	Hub — Rear	1				

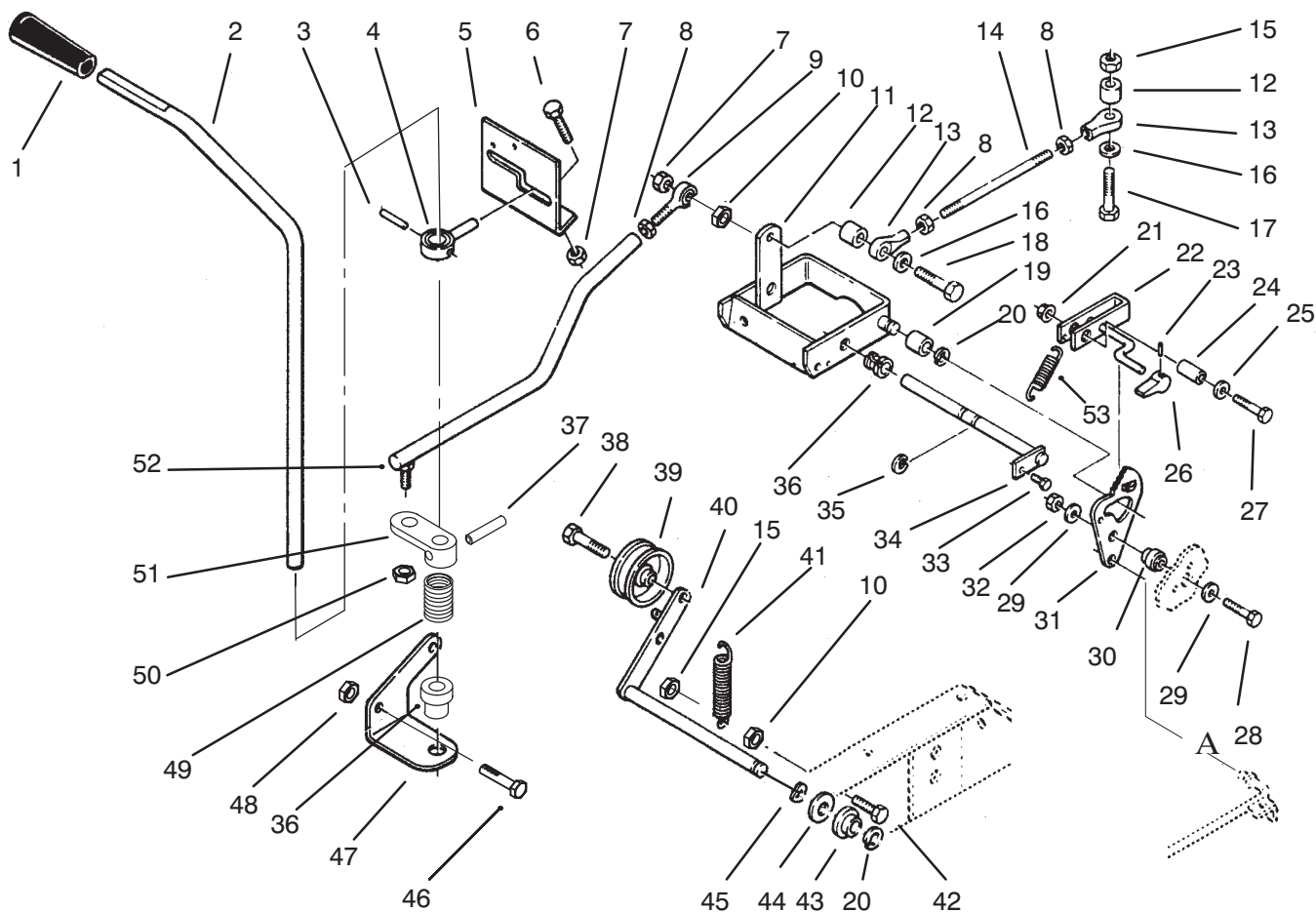


CLUTCH, BRAKE AND SPEED CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
1	79-1350	Pedal — Brake	1
3	111383	Collar	1
4	3245-32	Screw — Set	1
6	103125	Spring — Brake Return	1
7	109372	Rod — Brake, Front	1
8	3272-11	Pin — Cotter	2
9	3296-39	Nut	1
10	3256-24	Washer	2
11	108680	Spring	1
13	106719	Drum — Brake	1
14	2844	Special Washer	1
15	323-23	Bolt	1

Ref. No.	Part No.	Description	No. Used
16	3235-22	Bolt	1
17	109371	Band — Brake	1
18	78-7740	Arm — Brake Pivot	1
19	109356	Bushing	1
20	323-9	Bolt	1
21	3296-39	Nut	1
22	3256-4	Washer	1
23	3256-6	Washer	2
24	3272-6	Pin — Cotter	2
25	1278	Washer — Shim	1
26	302-5	Fitting — Grease	1
27	9335044	Pin — Cotter	1

Note : In Illustration Center lines A Continue on next page



CLUTCH, BRAKE AND MOTION CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
1	116635	Knob – Motion Control	1
2	78-5660	Lever – Motion Control	1
3	933198	Pin – Spirol	1
4	118660	Guide – Control	1
5	78-5631	Bracket – Control	1
6	321-4	Bolt	2
7	3296-42	Nut	4
8	3220-1	Nut	3
9	116407	Rod End	2
10	3217-5	Nut	2
11	113454	Control – Cam	1
12	100304	Spacer	2
13	110189	Rod End Asm	2
14	108904	Rod Control	1
15	32146-17	Nut	1
16	3256-22	Washer	2

Ref. No.	Part No.	Description	No. Used
17	321-9	Screw – Hex. Hd.	1
18	9114584	Bolt	2
19	100656	Bearing – Cam	1
20	32120-47	Ring – Retaining	4
21	102809	Nut – Special, Flanged	1
22	78-8500	Lever – Parking Brake	1
23	933135	Pin – Spirol	1
24	102025	Spacer	1
25	9202414	Washer	1
26	128860	Knob	1
27	323-9	Bolt	1
28	323-8	Bolt	1
29	3256-4	Washer	2
30	108717	Spacer	1
31	108716	Plate – Cam	1
32	3296-39	Nut	2

* Not Illustrated

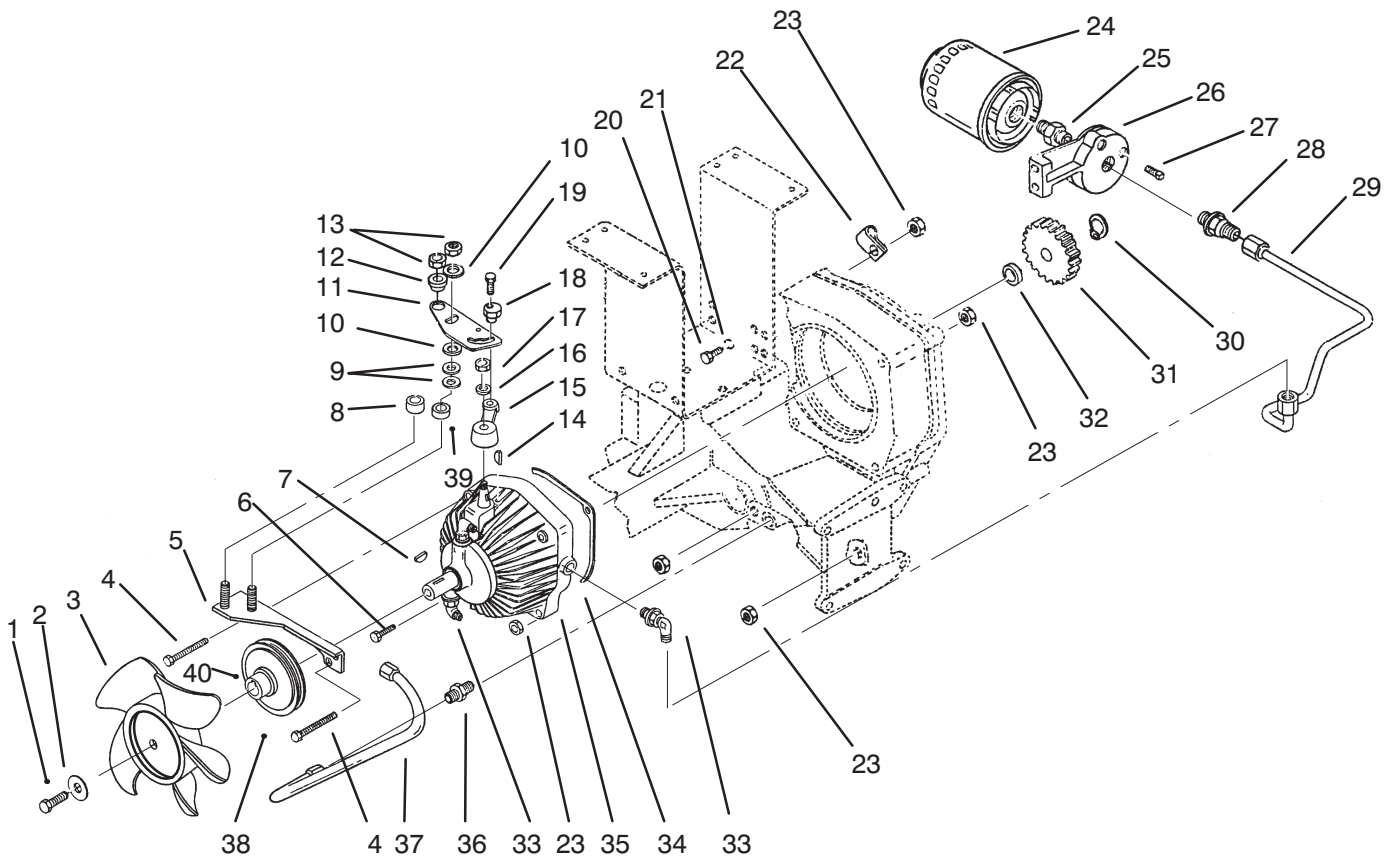


CLUTCH, BRAKE AND MOTION CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
33	9266944	Bolt	1
34	108496	Rod – Pivot	1
35	32120-47	Ring – Retaining	2
36	5983	Bushing	3
37	32312-94	Pin – Spirol	1
38	323-8	Screw – Hex. Hd.	1
39	112791	Pulley – Idler	1
40	78-6020	Rod – Pivot	1
41	107938	Spring	1
42	321-6	Bolt	1
43	7879	Bushing	1

Ref. No.	Part No.	Description	No. Used
44	3765	Washer – Shim	1
45	114823	Washer – Wave	2
46	322-3	Bolt	2
47	78-1540	Bracket – Control, Lower	1
48	3296-29	Nut	2
49	101853	Spring	1
50	3296-4	Nut	1
51	116321	Arm – Control	1
52	116324	Rod Assembly	1
53	83-2820	Spring	1

* Not Illustrated



HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	9080026	Bolt	1
2	103995	Washer – Special	1
3	108393	Fan	1
4	323-25	Screw – Hex. Hd.	2
5	108329	Plate, Control	1
6	9080406	Screw – Hex. Hd.	1
7	937089	Key – Hi-Pro	1
8	108326	Spacer – Pivot, Long	1
9	100365	Washer – Spring, Disc	2
10	100305	Washer – Friction	2
11	108333	Plate – Control, Speed	1
12	100309	Bushing – Pivot, Cam	1
13	108881	Nut	2
14	3257-24	Key – Woodruff	1
15	108325	Arm – Control, Speed	1
16	3256-26	Washer – Flat	1
17	3296-45	Nut – Lock	1
18	106661	Cam – Eccentric	1
19	9080196	Screw – Hex. Hd.	1
20	322-3	Screw – Hex. Hd.	2
21	3253-4	Washer – Lock	2
22	8830	"J"Clip	1
23	3296-39	Nut – Lock	4
24	79-5270	Filter – Oil	1

Ref. No.	Part No.	Description	No. Used
25	5991	Fitting – Filter	1
26	108323	Base – Filter	1
27	281-10	Plug – Pipe	3
28	102628	Fitting – Hyd., Straight (Incl. "O"Ring)	1
*	973370	"O"Ring	1
29	79-5020	Tube	1
30	32120-64	Ring – Retaining	1
31	109751	Gear – 20 Teeth	1
32	108366	Spacer – Drive, Gear	1
33	108365	Fitting – Hydraulic 90°	2
34	108319	Gasket – Pump	1
35	108368	Pump & Motor Asm, Eaton 1100-032 Before Serial No. 5900178	1
*	92-9848	Pump & Motor Asm, Eaton 1100-062 After Serial No. 5900177	1
36	108364	Fitting – Hyd., Straight	1
37	111217	Tube – Suction	1
38	108316	Pulley – Transmission Drive	1
39	108327	Spacer – Pivot, Short	1
*40	3242-2	Screw – Set	2

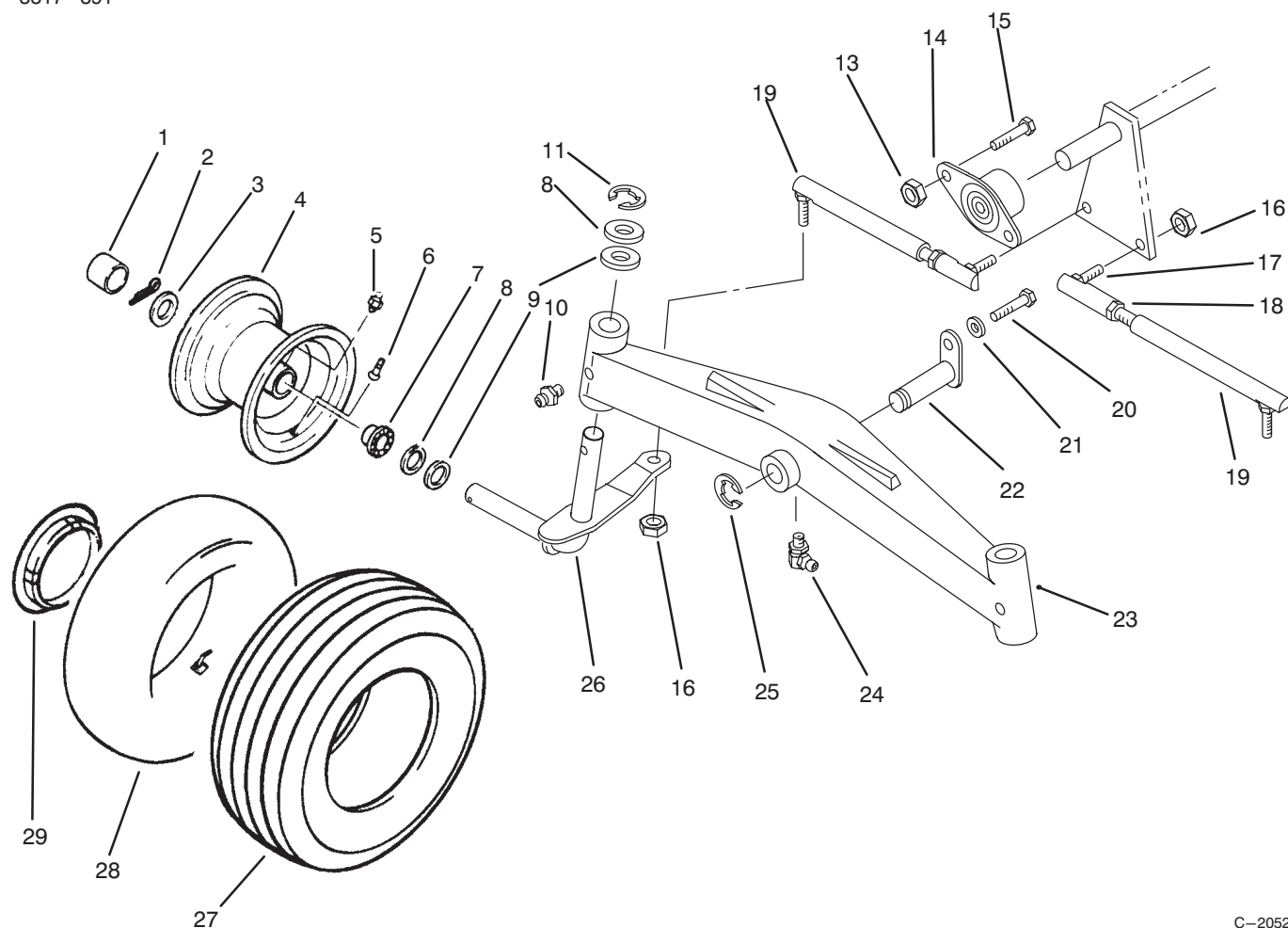
* Not Illustrated

EATON HYDROSTATIC TRANSMISSION # 1100-062



EATON HYDROSTATIC TRANSMISSION # 1100-062

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	56-2800	Screw – Hex. Hd. Soc.	1	30	112652	Shield – Grass	1
2	56-2810	Bearing – Ball	1	31	112653	Ring – Retaining	1
3	56-2820	Seal	2	33	56-3100	Screw – Soc. Hd.	6
4	112637	Housing – Pump Assembly (Incl. Ref. # 3)	1	34	56-3110	Roller	6
5	56-3090	Ring – Retaining	4	35	56-3120	Carrier	1
6	56-2850	Ring – Seal	1	36	56-3130	Seal – Oil	1
7	56-2860	Plate – Pump	1	37	56-3140	Kit – Control Shaft	1
8	56-2870	Ring – Seal	1	40	56-3170	Insert – Cam Ring	1
9	112641	Cover Assembly (Incl. Ref. #11, 36 & 37)	1	41	56-3180	Spring	2
10	56-2880	Button	2	43	56-3200	Body – Acc. Valve	2
11	56-2890	Pin – Dowel	1	44	56-3210	Ball	2
12	56-2900	Pin – Drive	1	45	56-3220	Rotor / Ball – Motor	1
13	56-2910	Shaft – Input	1	46	56-3230	Shaft – Output	1
14	56-2920	Ring – Seal	1	47	56-3240	Race – Motor	1
15	56-2930	Rotor / Ball – Pump	1	48	56-3250	Plug – Asm (Incl. Ref. #49)	1
16	113136	Race – Pump	1	49	56-3260	"O"Ring	1
17	93-9810	Ring – Cam	1	50	93-9811	Body Assembly	1
18	56-2950	Piston	2	52	112666	Bearing – Output Before Serial No. 5900178	1
19	56-2960	Ring – Back Up	2	*	112602	Bearing – Output After Serial No. 5900177	1
20	56-2970	"O"Ring	2	53	56-3290	Ring – Retaining	1
21	56-2980	Pin – Coil	1	56	56-2940	Ring – Cam (Incl. Ref. #16-17)	1
22	56-2990	Pintle Assembly (Incl. Ref. #1, 18-21, 23-29 41, 43 & 44)	1	57	93-9813	Fitting – 90°	1
23	56-3000	Ring – Retaining	2	*	56-3310	Kit – Seal, Overhaul (Incl. Ref. # 3, 6, 8, 14, 19, 20, 36, & 49)	1
24	56-3010	Ball	2	*	93-9812	Body Assembly (Incl. Ref. # 3, 33, 46-50. 52, 53 & 57)	1
25	56-3020	Body – Check Valve	2				
26	56-3030	Ball	1				
27	56-3040	Spring – Relief Valve	1				
28	56-3050	Plug – Relief Valve	1				
29	56-3060	Pin – Dowel	1				

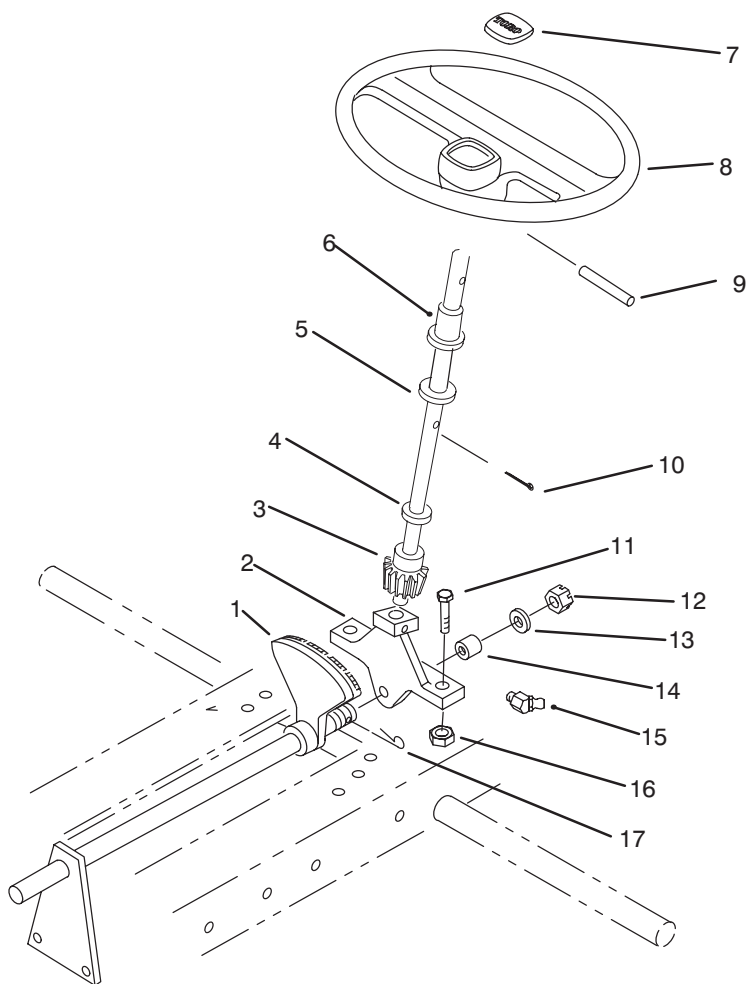


C-2052

FRONT AXLE AND WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111951	Cap — Hub	2
2	3272-17	Pin — Cotter	2
3	111952	Washer — Special	2
4	93-9802	Assembly — Wheel (Incl. Ref. #5-7)	2
5	109500	Fitting — Grease	2
6	5108	Stem — Valve	2
7	110513	Bearing — Ball	4
8	1278	Washer — Shim .050	6
9	5210	Washer — Shim .015	4
10	302-5	Fitting — Grease, Straight	2
11	32120-93	Ring — Retaining	2
13	3296-39	Nut — Lock	2
14	6472	Bearing — Flange	1
15	323-6	Screw — Hex. Hd.	2
16	3296-6	Nut — Lock	4

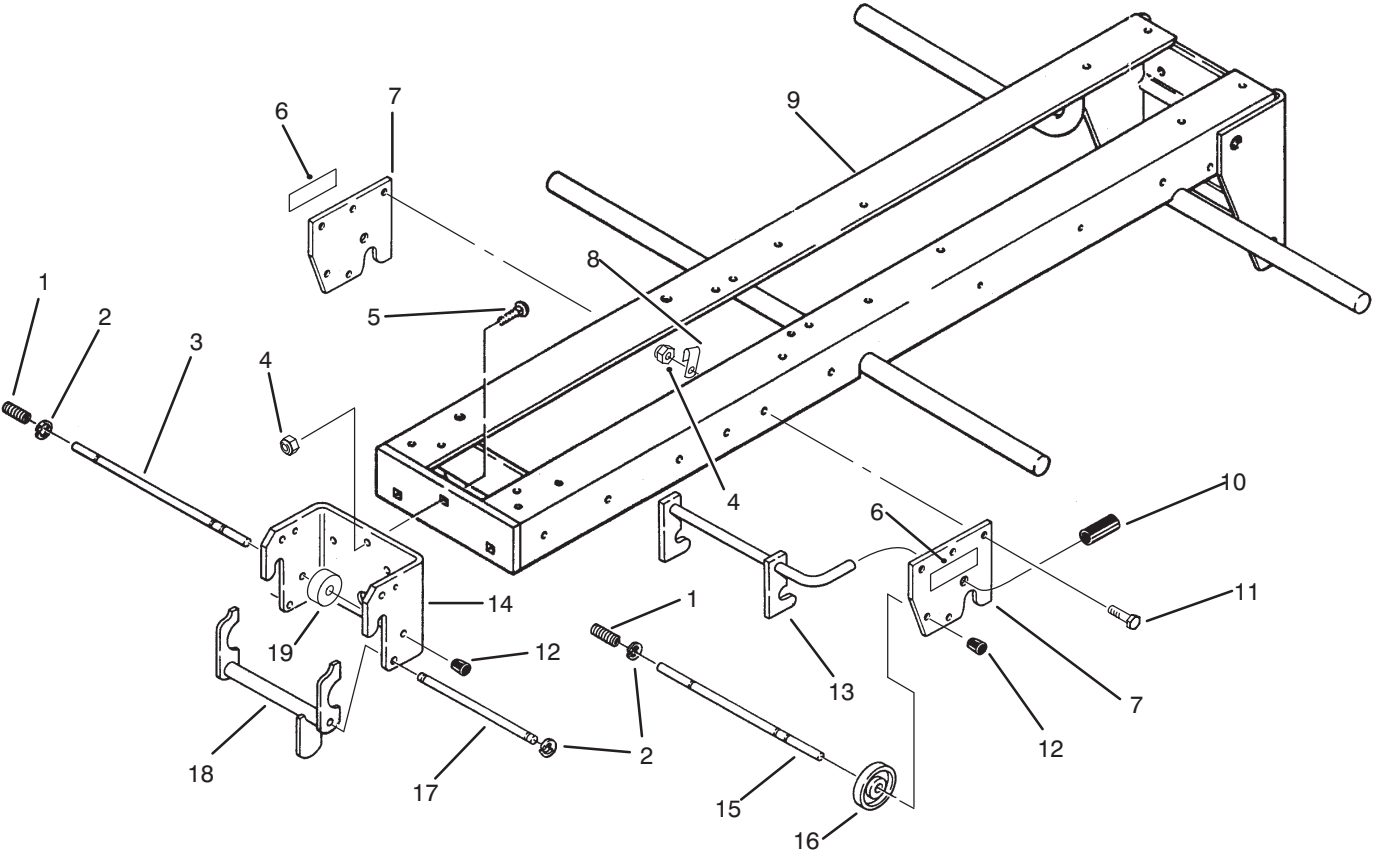
Ref. No.	Part No.	Description	No. Used
17	78-2920	End — Rod, Tie	1
18	3219-3	Nut	1
19	78-2900	Assembly — Tie Rod (Incl. Ref. #17 & 18)	2
20	322-1	Screw — Hex. Hd.	1
21	3253-4	Washer — Lock	1
22	6216	Pin W.A.	1
23	5638	Axle	1
24	1481	Fitting — Grease 45°	1
25	5618	Ring — Retaining	1
26	113382	Spindle — RH	1
*	113381	Spindle — LH	1
27	117127	Tire — Front, Turf Trac	2
28	100079	Tube — Front (Optional)	2
29	114427	Logo — Hub Cap 8" (Opt.)	2



C-2053

STEERING GEAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	78-2880	Assembly - Shaft, Lower	1	9	32121-111	Pin - Spirol	1
2	88-2710	Support - Shaft, Steering	1	10	3272-21	Pin - Cotter	1
3	92-3129	Assembly - Shaft, Upper	1	11	323-8	Screw - Hex. Hd.	2
4	237-69	O-Ring	1	12	32136-5	Nut - Slotted	1
5	5210	Washer - Shim .015	12	13	1278	Washer - Shim	1
6	109189	Bushing - Flange	1	14	6397	Bearing	1
7	78-0370	Insert - Wheel, Steering	1	15	1481	Fitting - Grease 45°	1
8	76-1420	Wheel - Steering (Incl. Ref. #7)	1	16	3296-39	Nut - Lock	2
				17	3272-19	Pin - Cotter	1

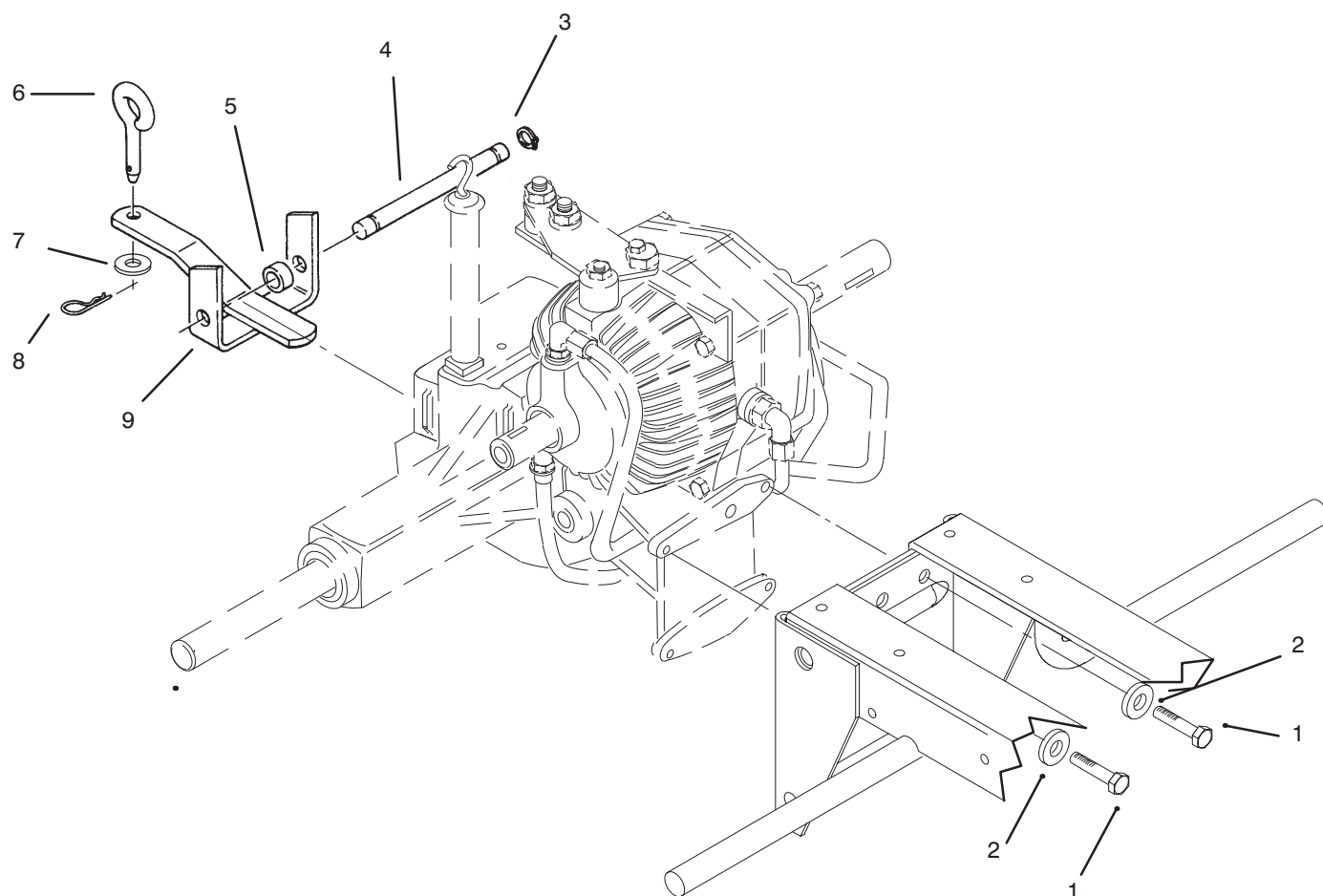


C-2056

FRONT & SIDE HITCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	8616	Spring	2
2	105797	Ring – Retaining	8
3	101751	Rod – Front Hitch Lock	1
4	3296-39	Nut – Lock	9
5	3231-25	Bolt – Carriage	3
6	92-8747	Decal – Attach-A-Matic	2
7	102644	Plate – Mid Hitch	2
8	8830	Clip	1
9	78-2680	Frame	1
10	9038	Grip	1

Ref. No.	Part No.	Description	No. Used
11	323-44	Screw – Hex. Hd.	6
12	105316	Cap – Lock Rod	2
13	117930	Latch – Mid Hitch	1
14	101711	Housing – Front Hitch	1
15	83-6520	Rod – Lock	1
16	101017	Lock	1
17	101750	Rod	1
18	93-1613	Latch – Front Hitch	1
19	101707	Lock	1

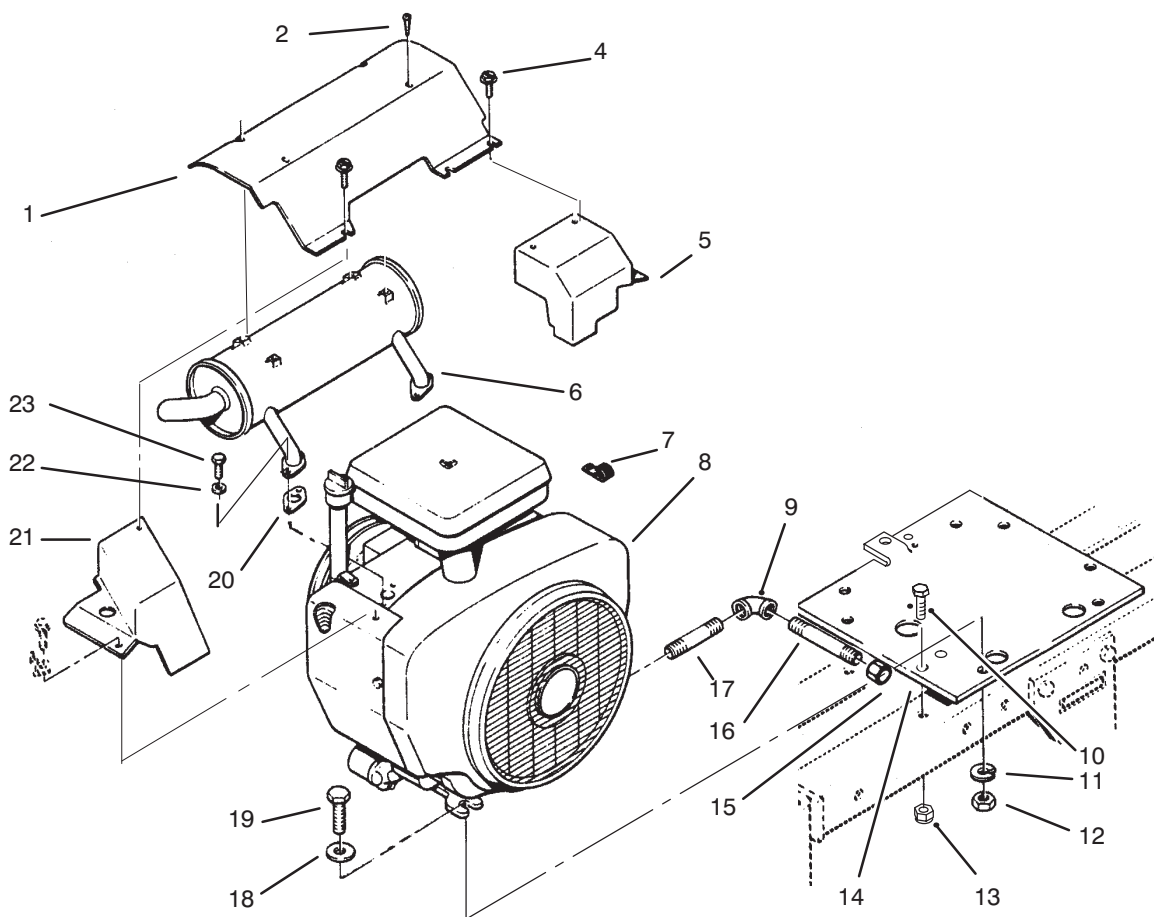


C-2218

REAR HITCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-5	Screw — Hex. Hd.	4
2	3253-21	Washer — Lock	4
3	5618	Ring — Retaining	2
4	105269	Shaft — Drawbar Hitch	1
5	979120	Spacer	2

Ref. No.	Part No.	Description	No. Used
6	106634	Pin — Hitch	1
7	3256-26	Washer — Flat	1
8	933505	Hairpin — Cotter	1
9	1644	Hitch — Drawbar	1

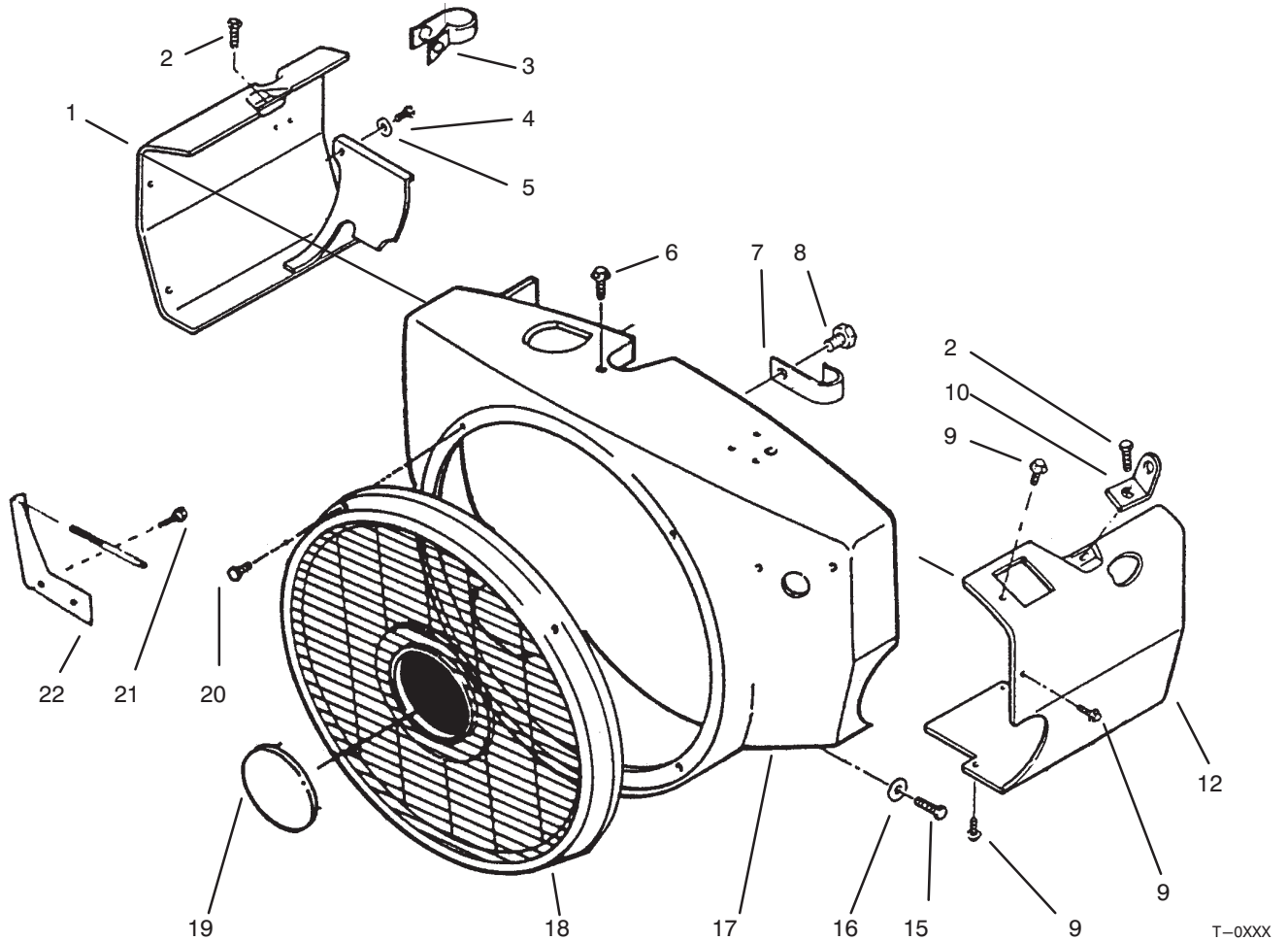


C-

ENGINE AND EXHAUST

Ref. No.	Part No.	Description	No. Used
1	94-1803	Deflector - Air	1
2	114888	Screw	6
4	12-3270	Screw - Hex. Hd.	3
5	114216	Cover - Exhaust, Rear	1
6	116471	Muffler	1
7	8830	Clip	1
8	79-5220	Engine - 20HP Toro Power Plus P220G-I 10955D Before Serial No. 5900178	1
*	94-1811	Engine - 20HP Toro Power Plus P220G-I 10955G After Serial No. 5900177	1
9	114764	Elbow 90°	1
10	323-7	Screw - Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
11	3253-21	Washer - Lock	4
12	3217-7	Nut	4
13	3296-39	Nut	4
14	116609	Plate - Engine	1
15	288-4	Cap	1
16	114763	Pipe	1
17	114636	Nipple	1
18	3256-24	Washer - Flat	4
19	323-8	Screw - Hex. Hd.	4
20	57-9210	Gasket - Exhaust	2
21	114215	Cover - Exhaust, Front	1
22	3253-4	Washer - Lock	4
23	322-3	Screw - Hex. Hd.	4

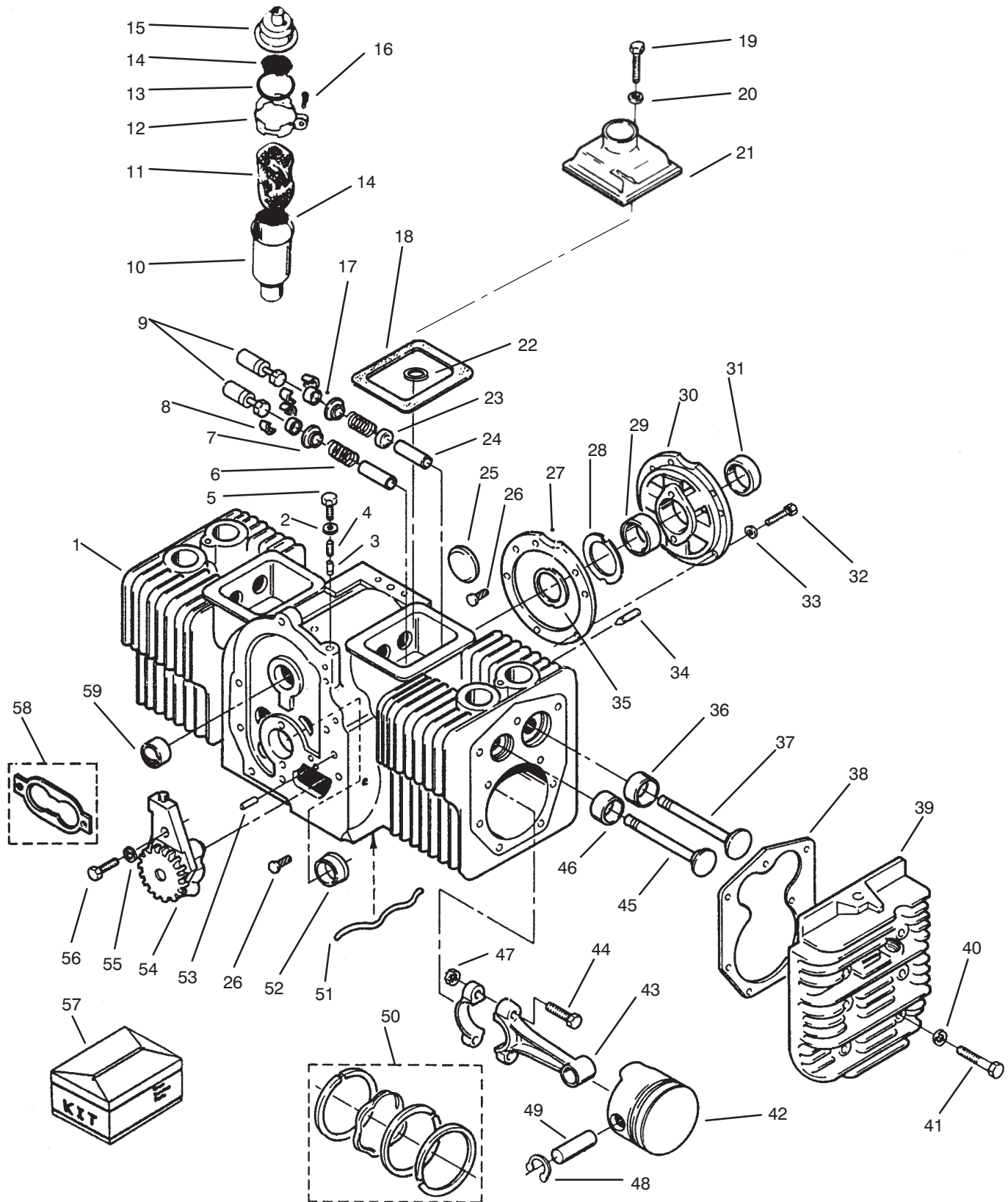


BLOWER HOUSING

Ref. No.	Part No.	Description	No. Used
1	92-0920	Housing – Cylinder Air, LH	1
2	82-1600	Screw – Cap Hex Fl. Hd.	2
3	59-0580	Clamp – Wire, Alternator	1
4	59-0980	Screw – Tapping, Wash. Hd.	2
5	59-0830	Washer – Flat	2
6	59-0970	Screw – Tapping, Fl. Hd.	2
8	82-1540	Screw – Hex. Washer Hd.	1
7	71-6220	Clip – Wire	1
9	59-1080	Screw – Cap Hex. Fl. Hd.	4
10	71-6080	Bracket – Lift	2

Ref. No.	Part No.	Description	No. Used
12	92-0921	Housing – Cylinder Air, RH	1
15	59-0980	Screw – Tapping, Fl. Hd.	4
16	59-0820	Washer – Flat	4
17	NN10769	Housing – Blower	1
18	82-0620	Guard – Stationary	1
19	118530	Plate – Toro Logo	1
20	82-1590	Screw – Pan Hd. Taptite	4
21	59-1100	Screw – Lock Hd.	2
22	NN10832	Bracket – Governor Adjust	1

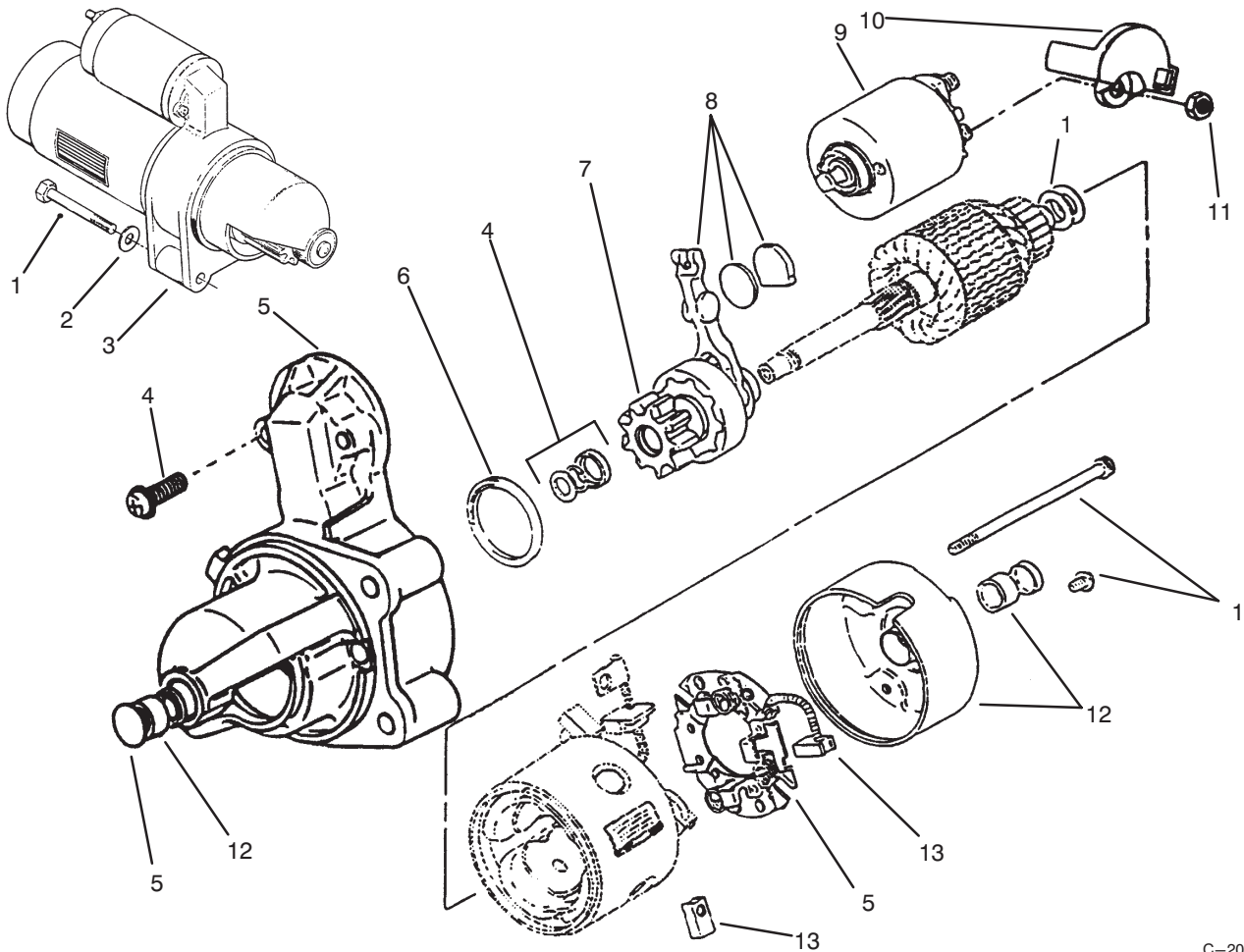
ENGINE CYLINDER BLOCK



ENGINE CYLINDER BLOCK

Ref. No.	Part No.	Description	No. Used
1	92-0900	Block - Cylinder (Short)	1
2	57-9760	Washer - Flat, Copper	1
3	57-8470	Plunger - Bypass Valve	1
4	59-0280	Spring - Bypass Valve	1
5	59-0910	Screw - Cap Hex Hd	1
6	71-5790	Spring - Valve	4
7	71-5800	Washer - Valve Spring	4
8	NN10082	Lock - Valve Spring	8
9		Tappet - Valve	
9	57-8450	Standard	4
9	59-0260	.002" Oversize	4
10	82-0540	Tube - Breather	1
11	57-8580	Baffle - Breather Tube	1
12	82-0530	Clamp - Tube, Breather	1
13	82-0570	O-Ring - Cap, Breather	1
14	82-0560	Screen - Tube, Breather	2
15	82-0550	Cap & Valve - Breather	1
16	82-1480	Screw - Tapping Round Hd.	1
17	71-5830	Cap - Valve	4
18	57-8280	Gasket - Valve Cover	2
19	NN10370	Screw - Cap Hex Hd	2
20	57-9740	Washer - Flat, Copper	2
21	NN10821	Cover - Valve	1
22	59-0820	Washer - Flat	1
23	71-6180	Seal - Intake Valve	2
24	71-6250	Guide - Valve, Exhaust	2
24	71-6260	Guide - Valve, Intake	2
25	57-9690	Plug - Welch, Camshaft	1
26	59-0730	Pin - Drive, Bearing Stop	4
27	57-8010	Gasket - Bearing Plate	1
28	57-8170	Shim - Crankshaft .005"	A/R
29		Bearing - Crankshaft, Rear (Incl. Ref. #35)	
29	57-8050	Standard	1
29	59-0020	.002" Undersize	1
29	57-8060	.010" Undersize	1
29	59-0030	.020" Undersize	1
29	59-0040	.030" Undersize	1
30	82-0020	Plate - Bearing, Rear	1
31	57-9590	Seal - Oil, Crankshaft Rear	1
32	59-0880	Screw - Cap Flanged Hd	5
33	3253-5	Washer	5
33	82-1310	Washer - Lock	5
34	3247-4	Setscrew - Socket Hd.	2
35	57-8160	Washer - Thrust	2
36		Insert - Valve Seat, Intake	
36	59-0050	Standard	2
36	59-0080	.010" Oversize	2
37	71-5770	Valve - Intake	2

Ref. No.	Part No.	Description	No. Used
38	57-8330	Gasket - Cylinder Head	2
39	79-6280	Head - Cylinder	2
39	59-0180	Side - Right	1
39	71-5810	Side - Left	1
40	57-9770	Washer - Flat	18
41	59-0900	Screw - Cap Hex Hd	18
42		Piston (Incl. Ref. #48-49)	
42	82-1800	Standard	2
42	92-0902	.010" Oversize	2
42	92-0903	.020" Oversize	2
42	92-0904	.030" Oversize	2
43		Rod - Connecting (Incl. Ref. #44 & 47)	
43	57-8420	Standard	2
43	57-8430	.010" Undersize	2
43	57-8440	.020" Undersize	2
43	59-0250	.030" Undersize	2
44	57-8410	Bolt - Connecting Rod	4
45	71-5780	Valve - Exhaust	2
46		Insert - Valve Seat, Exhaust	
46	59-0100	Standard	2
46	59-0110	.002" Oversize	2
46	59-0120	.005" Oversize	2
46	59-0130	.010" Oversize	2
46	59-0140	.025" Oversize	2
47	57-9790	Nut	4
48	57-9720	Ring - Retaining	4
49	71-6310	Pin - Piston	2
50		Kit - Ring, Piston	
50	92-0905	Standard	2
50	92-0906	.005" Oversize	2
50	92-0907	.010" Oversize	2
50	92-0908	.020" Oversize	2
50	92-0909	.030" Oversize	2
51	59-0290	Tube - Oil, Cylinder Block	1
52		Bearing - Crankshaft, Front, Flanged	
52	57-8020	Standard	1
52	57-9360	.002" Undersize	1
52	57-8030	.010" Undersize	1
52	57-9800	.020" Undersize	1
52	59-0010	.030" Undersize	1
53	59-0750	Pin - Alignment, Gear Cover	2
54	57-8480	Pump - Oil	1
55	82-1340	Washer - Flat	2
56	82-1370	Screw - Hex. Hd.	2
57	71-6290	Kit - Gasket Complete	1
58	57-8460	Gasket Kit - Oil Pump	1
59	57-8000	Bearing - Camshaft	2

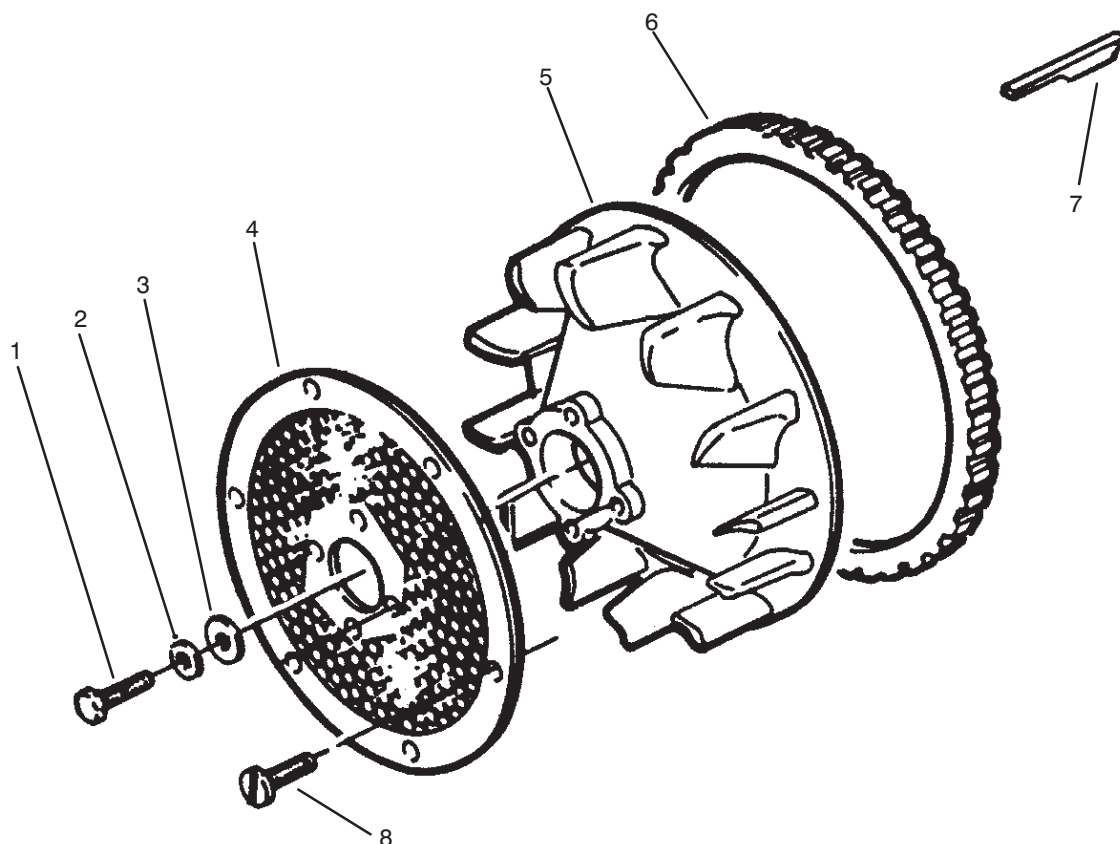


C-2073

STARTER

Ref. No.	Part No.	Description	No. Used
1	79-6580	Screw - Hex. Hd.	2
2	57-9770	Washer - Flat	2
3	71-6040	Starter - Solenoid Shift, (Code 33AT)	1
4	62-2760	Kit - Hardware, Starter (Includes (2) Solenoid Mtg Screws, 2 Thru Bolts, Armature Shims, Pinion Collar, & Retaining Ring)	1
5	NN10929	Kit - Mounting Bracket (Incl. Ref. #13)	1
6	NN10886	Seal - Dust	1
7	72-3940	Assembly - Clutch, Starter (Includes Pinion Gear)	1

Ref. No.	Part No.	Description	No. Used
8	62-2770	Kit - Shift Lever, Starter (Includes Lever, Wear Plate & Rubber Plug)	1
9	72-3930	Kit - Solenoid, Starter (Includes Solenoid & Spring Plunger)	1
10	NN10930	Cap - Starter, Solenoid	1
11	92-9535	Nut	1
12	62-2760	Kit - Bushing, Starter (Incl. Rear Cap with Bushing & Front Bushing)	1
13	62-2740	Kit - Brush, Starter (Includes (2) Negative & (1) Positive Brushes)	1

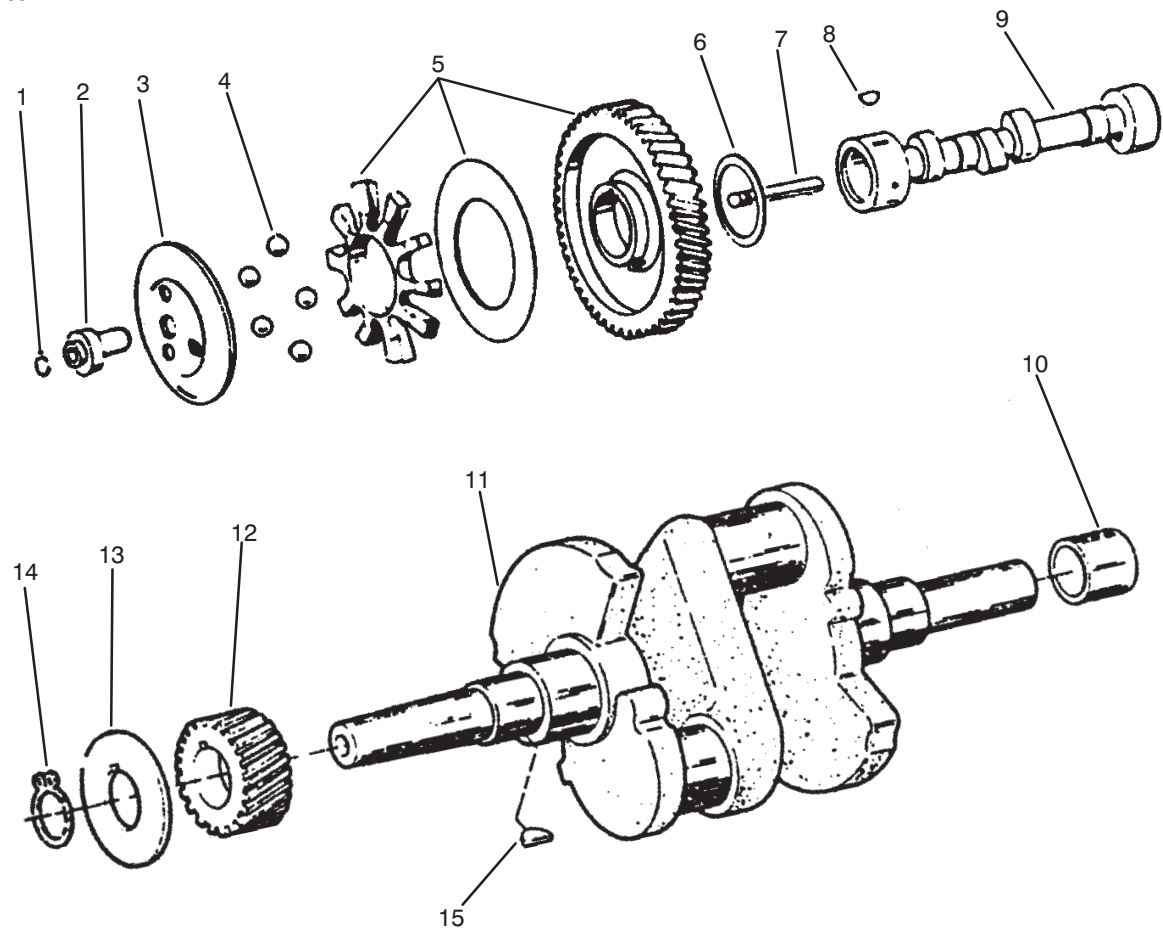


C-2062

BLOWER SCREEN & RING

Ref. No.	Part No.	Description	No. Used
1	57-8150	Screw - Cap Hex Hd	1
2	82-1320	Washer - Flat	1
3	59-0810	Washer - Flat	1
4	79-6440	Screen - Air Inlet	1
5	71-5920	Flywheel (Incl. Ref. #6)	1

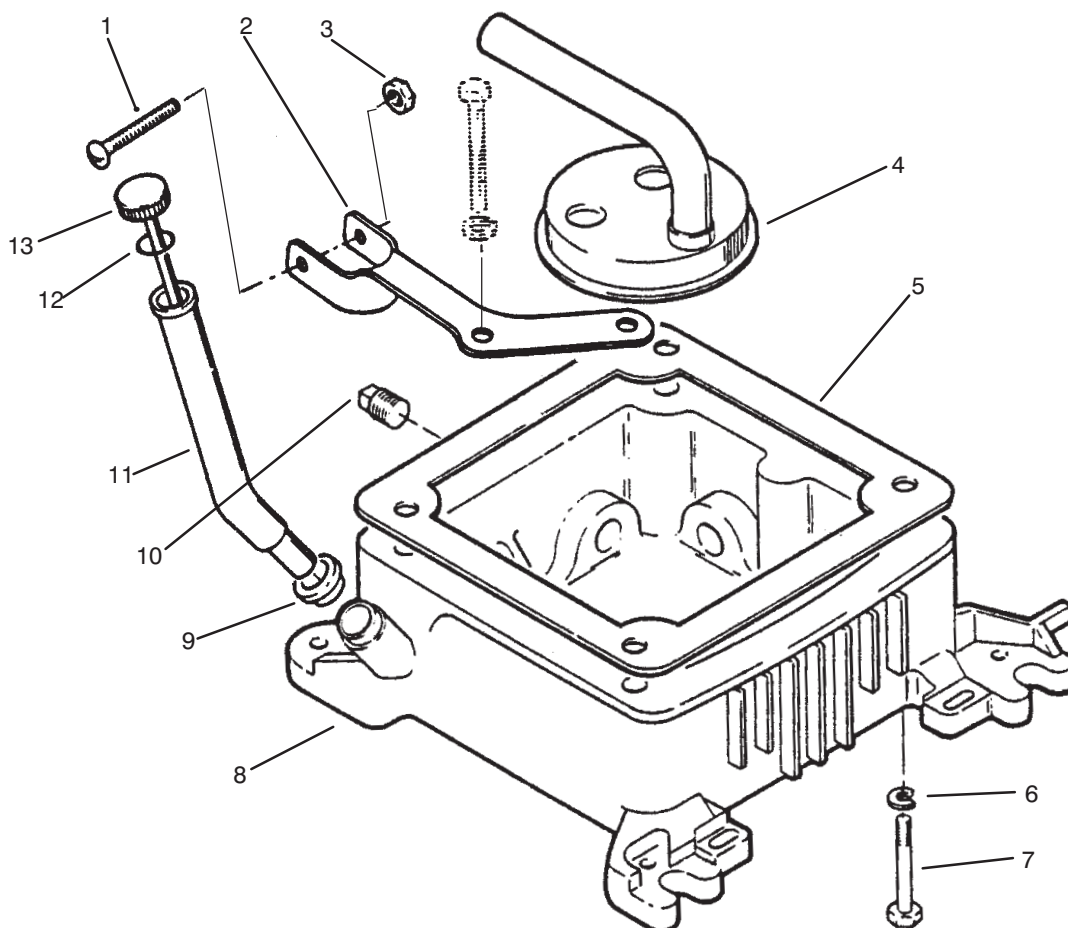
Ref. No.	Part No.	Description	No. Used
6	57-8180	Gear - Ring	1
7	71-6190	Key - Flywheel	1
8	71-6340	Screw	6



C-2063

CAMSHAFT & CRANKSHAFT

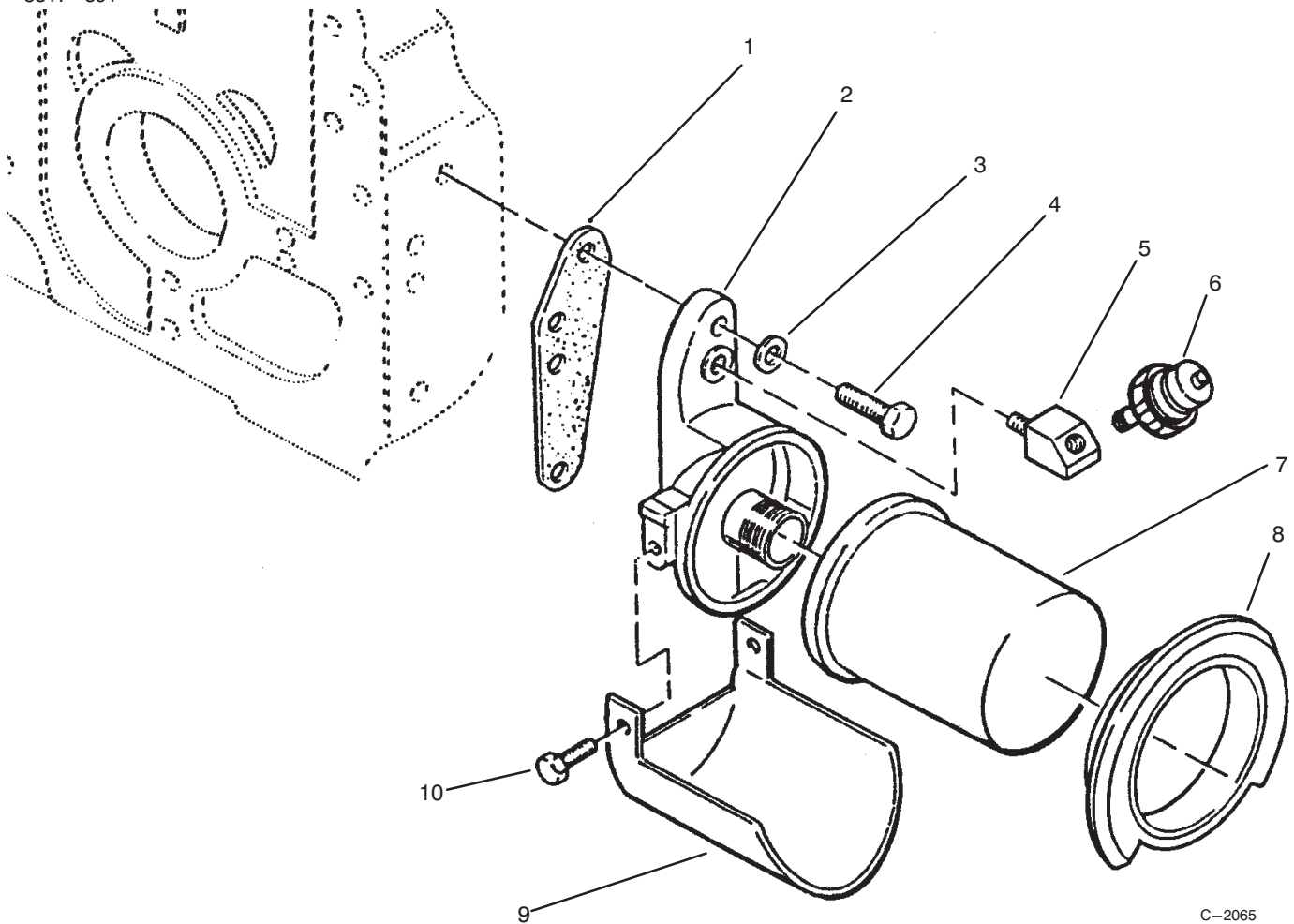
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	57-9090	Ring - Retaining	1	9	71-6320	Camshaft (Incl. Ref. #7)	1
2	57-9130	Hub - Governor Cup	1	10	92-0911	Sleeve - Bearing	1
3	59-0450	Cup - Governor	1	11	NN10773	Crankshaft (Incl. Ref. #15)	1
4	57-9640	Ball - Governor	5	12	57-8130	Gear - Crankshaft	1
5	57-8210	Gear - Camshaft (Incl. Gear, Spacer, & Plate)	1	13	57-8140	Washer - Gear	1
6	57-8230	Washer - Thrust, Special	1	14	57-9710	Ring - Retaining	1
7	59-0400	Pin - Center	1	15	57-9660	Key - Crankshaft Gear	1
8	57-9660	Key - Woodruff	1				



C-2064

OIL FILL TUBE, BRACKET & BASE

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-1560	Screw - Pan Hd	1	9	71-6170	Seal - Oil Fill Tube	1
2	79-6460	Bracket - Fill Tube	1	10	82-1130	Plug - Sq. Hd.	2
3	82-1700	Nut - Speed Type U	1	11	NN10448	Tube - Oil Fill	1
4	57-8490	Cup - Intake, Oil Pump	1	12	57-9610	O-Ring	1
5	57-8090	Gasket - Oil Base	1	13	NN10159	Cap & Indicator - Oil Fill (Incl. Ref. #12)	1
6	82-1310	Washer - Flat	4				
7	NN10379	Screw - Cap Hex Hd	4				
8	71-5730	Base - Oil (Incl. Ref. #10)	1				

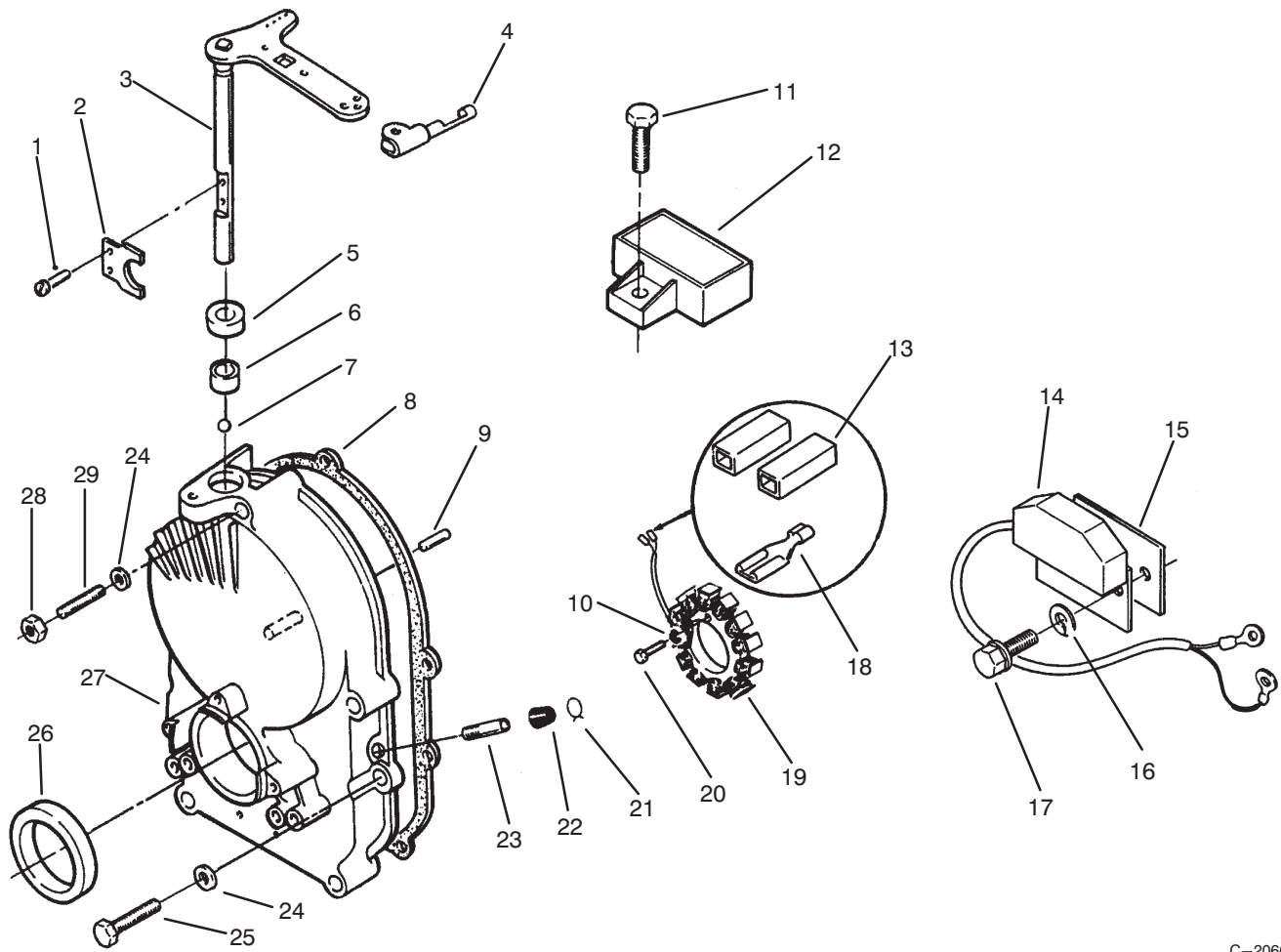


C-2065

OIL FILTER AND LOW OIL PRESSURE CUT-OFF SWITCH

Ref. No.	Part No.	Description	No. Used
1	79-6470	Gasket - Oil Filter Adapter	1
2	82-0500	Adapter - Oil Filter	1
3	57-9750	Washer - Flat	2
4	NN10373	Screw - Cap Hex Hd	2
5	92-0912	Elbow - Street 45°	1

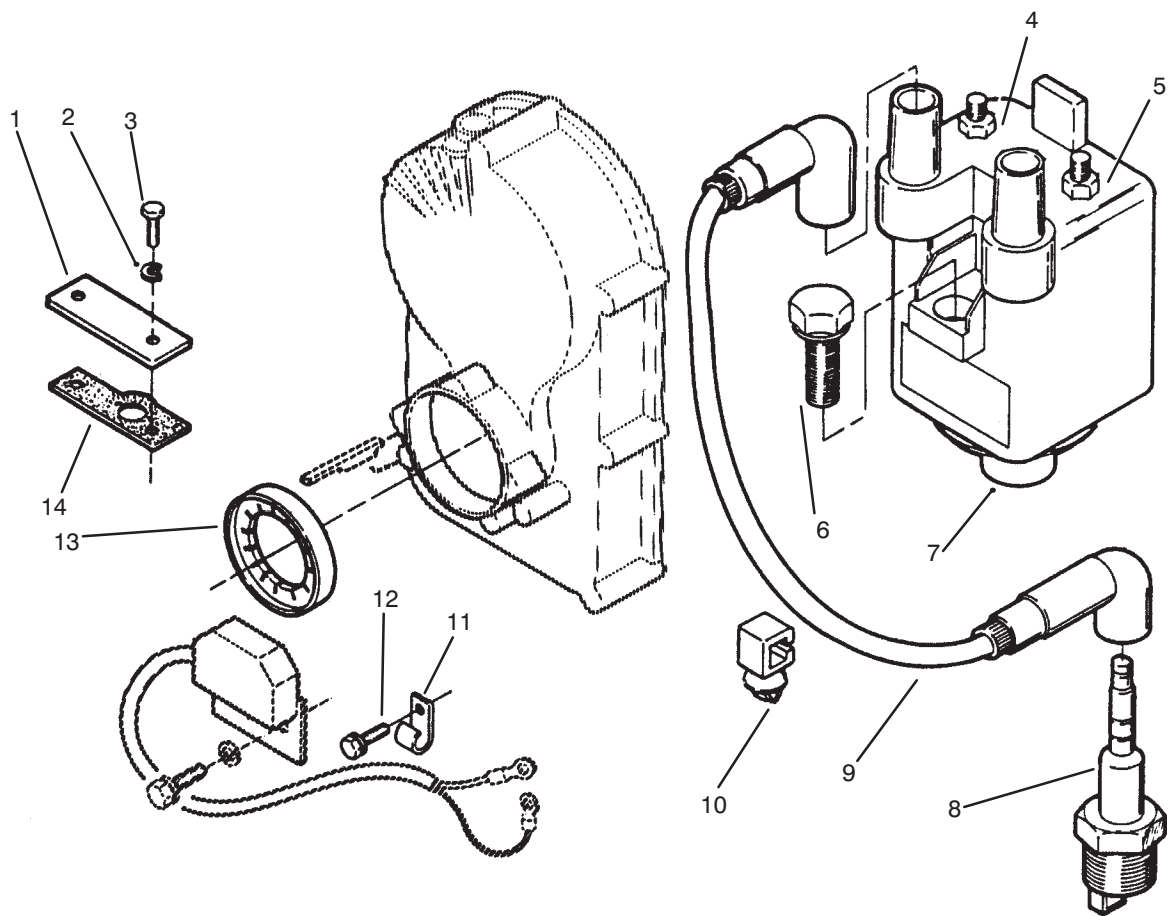
Ref. No.	Part No.	Description	No. Used
6	94-1845	Switch - Low Oil Pressure	1
7	NN10143	Filter - Oil	1
8	82-0680	Filter - Gasket Oil	1
9	NN10894	Drain - Oil Filter	1
10	82-1510	Screw - Hex. Hd.	2



C-2066

GEARCASE & IGNITION CONTROLS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	59-0950	Screw - Mach. Pan Hd	2	16	82-1660	Washer - Int. Tooth Lock	2
2	59-0420	Yoke - Governor Shaft	1	17	NN10394	Screw - Hex Washer Hd	2
3	NN10826	Shaft & Arm - Governor	1	18	59-0590	Terminal - Stator Leads	2
4	57-9730	Clip - Retaining, Control Rod To Governor Shaft	1	19	92-0967	Stator	1
5	57-9570	Seal - Oil, Governor Shaft	1	20	82-1500	Screw - Machine, Hex Hd	3
6	57-9650	Bearing - Governor Shaft	1	21	57-9550	Clamp - Vacuum Port Cap	1
7	57-9630	Bearing - Ball, Gov. Shaft	1	22	59-0370	Cap - Vacuum Port	1
8	NN10895	Gasket - Gearcase Mtg.	1	23	59-0360	Tube - Vacuum Port	1
9	59-0740	Pin - Dowel, Governor	1	24	57-9750	Washer - Flat	5
10	3253-2	Washer - Lock	3	25	NN10545	Screw - Hex. Hd.	4
11	59-1080	Screw - Cap Hex. Wash. Hd.	1	26	57-9580	Seal - Oil, Crankshaft	1
12	57-9430	Regulator - Voltage 20 Amp	1	27	NN10825	Kit - Gearcase	1
13	82-1000	Body - Terminal Conn. Kit (Incl. Ref. #18)	2			(Incl. Ref. #1-3, 5-7, 9, 21-23 & 26)	1
14	71-6380	Control - Ignition	1	28	59-1130	Nut - Hex.	1
15	71-6410	Insulator - Ignition, Module	1	29	59-0790	Stud - Gear Cover	1

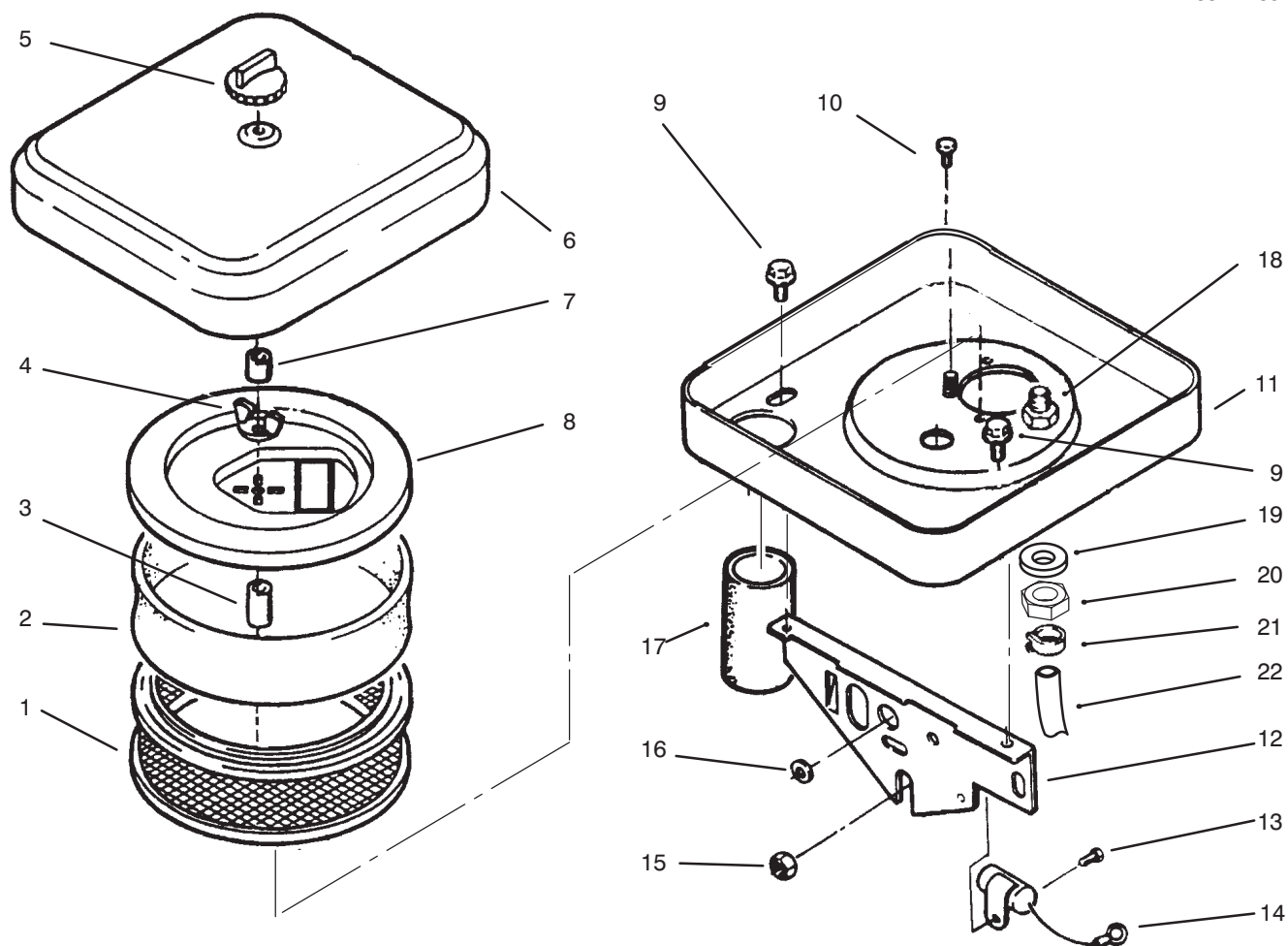


C-2067

IGNITION – ELECTRONIC

Ref. No.	Part No.	Description	No. Used
1	71-5990	Cover – Plunger, Ignition	1
2	82-1340	Washer – Flat	2
3	82-1360	Screw – Hex. Hd.	2
4	71-6440	Nut – Hex. Flange Hd. (Negative Terminal)	1
5	71-6430	Nut – Hex. Flange Hd. (Positive Terminal)	1
6	NN10545	Screw – Hex. Washer Hd.	2
7	71-6000	Coil – Battery Ignition (Incl. Ref. #4-5)	1

Ref. No.	Part No.	Description	No. Used
8	57-9340	Plug – Spark	2
9	NN10253	Cable – Spark Plug	2
10	71-6060	Clip – Wire (Attach To #1 Spark Plug Wire)	1
11	71-6220	Clip – Wire	2
12	71-6460	Screw – Hex Washer Hd.	1
13	71-6010	Rotor – Ignition	1
14	79-6490	Gasket – Plate	1

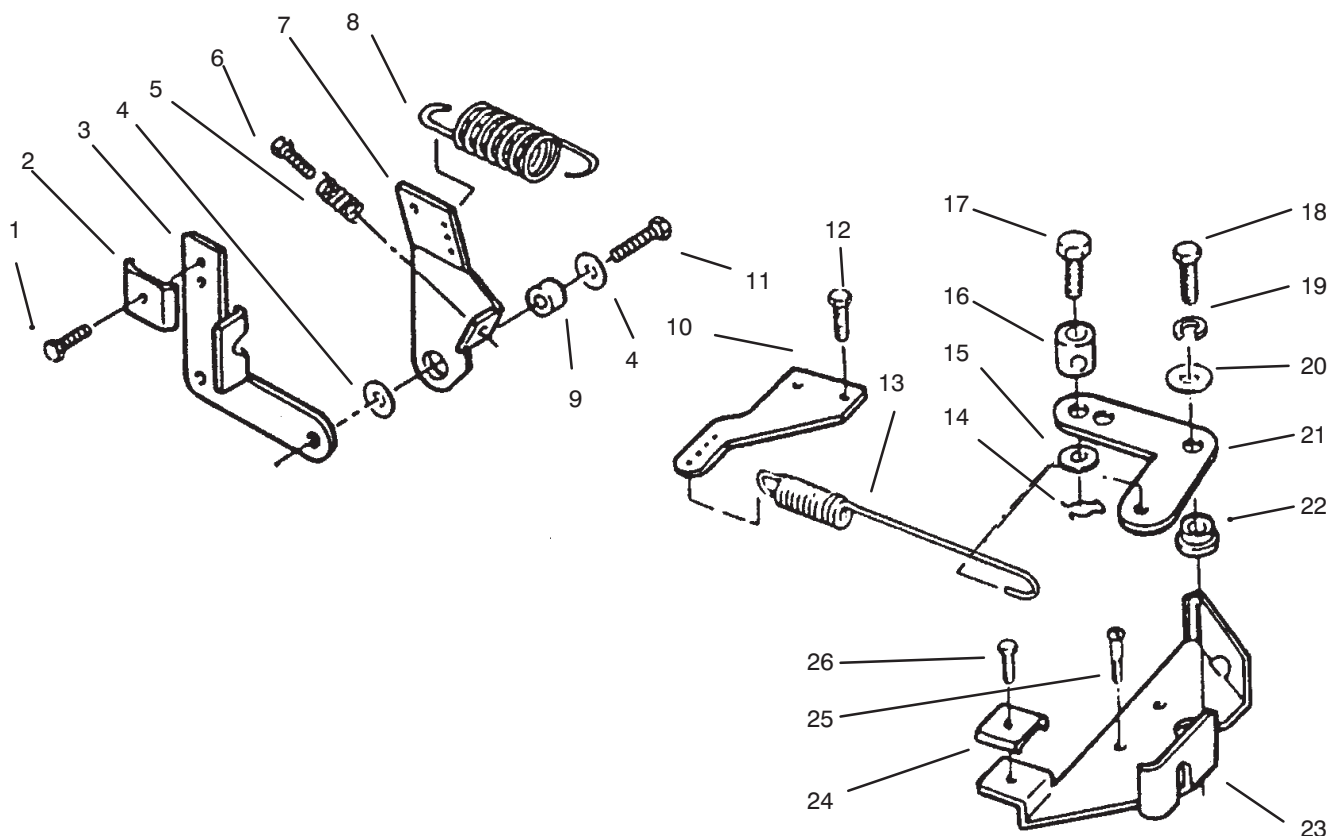


AIR CLEANER

Ref. No.	Part No.	Description	No. Used
1	NN10774	Element – Air Cleaner	1
2	NN10176	Wrapper – Element	1
3	79-6510	Spacer – Stud	1
4	92-0913	Nut – Wing	1
5	82-1670	Knob	1
6	NN10446	Cover – Air Cleaner Before Serial No. 5900178	1
*	94-1840	Cover – Air Cleaner After Serial No. 5900177	1
7	79-6520	Spacer – Rubber	1
8	82-0650	Cover – Element	1
9	82-1550	Screw – Hex. Washer Hd.	2
10	92-0915	Screw – Machine Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
11	79-6330	Housing – Air Cleaner	1
12	79-6340	Support – Air Cleaner	1
13	NN10390	Screw – Hex. Washer Hd.	1
14	59-1180	Capacitor	1
15	3253-5	Nut – Hex. Washer Hd.	1
16	71-6140	Grommet – Rubber	1
17	NN10187	Tube – Air Intake	1
18	NN10239	Fitting – Barbed	1
19	NN10190	Gasket	1
20	NN10132	Nut	1
21	82-1080	Clamp	1
22	NN10447	Hose	1

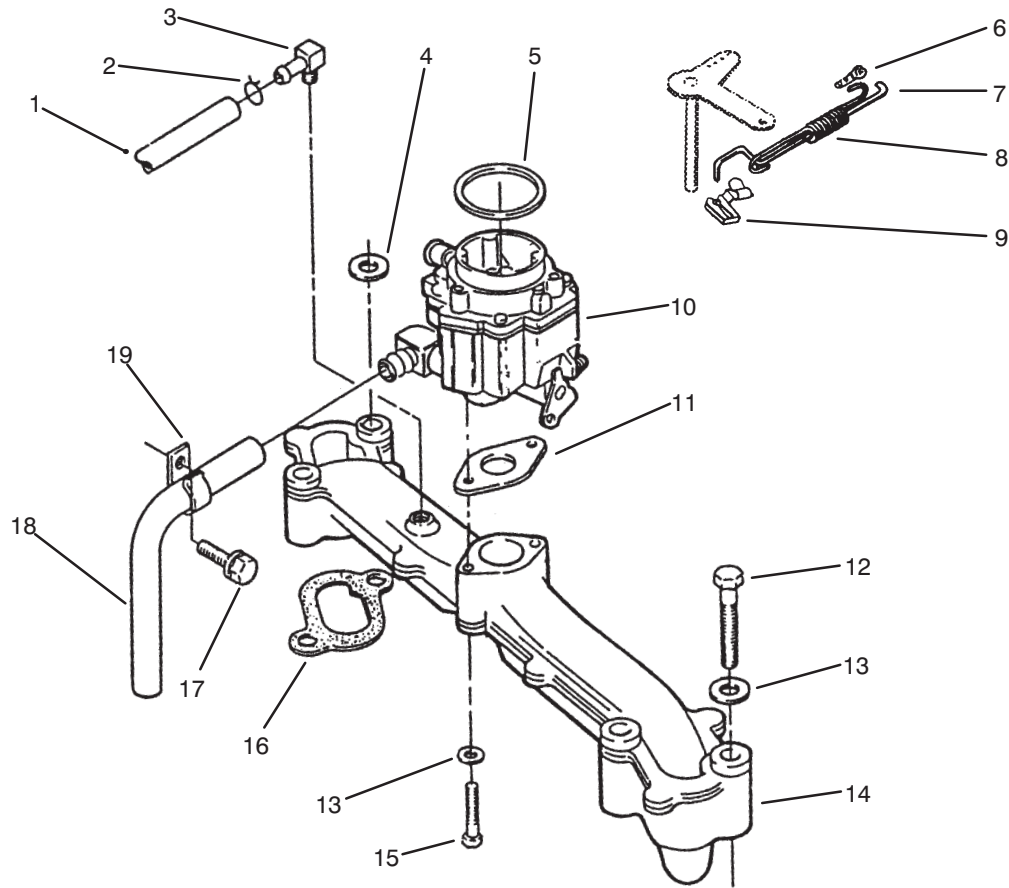
* Not Illustrated



GOVERNOR

Ref. No.	Part No.	Description	No. Used
1	72-3900	Screw - Tapping Hex Hd.	1
2	57-9190	Clamp - Cable	1
3	NN10508	Bracket - Cable	1
4	59-0830	Washer - Flat	2
5	59-1030	Screw - Tapping Hex. Hd.	1
6	59-0430	Spring - Idle Setting	1
7	79-6370	Arm - Governor Control Without Swivel	1
8	57-9100	Spring - Governor	1
9	57-9120	Bushing - Control Arm	1
10	79-6420	Adapter - Governor Arm	1
11	NN10357	Screw	1
12	59-1050	Screw - Self Tap. Fl. Hd.	1
13	NN10932	Spring - Governor	1

Ref. No.	Part No.	Description	No. Used
14	59-0720	Pin - Cotter	1
15	201270	Washer	1
16	57-9120	Swivel - Throttle Lever	1
17	72-3890	Screw - Hex. Hd.	1
18	82-1370	Screw - Hex. Hd.	1
19	82-1620	Washer - Lock	1
20	59-0830	Washer - Flat	1
21	201256	Link - Governor Control	1
22	79-6400	Bushing - Gov. Control	1
23	79-6390	Bracket - Gov. Control	1
24	57-9190	Clamp - Cable	1
25	59-1010	Screw - Self Tap. Fl. Hd.	1
26	201327	Screw	3

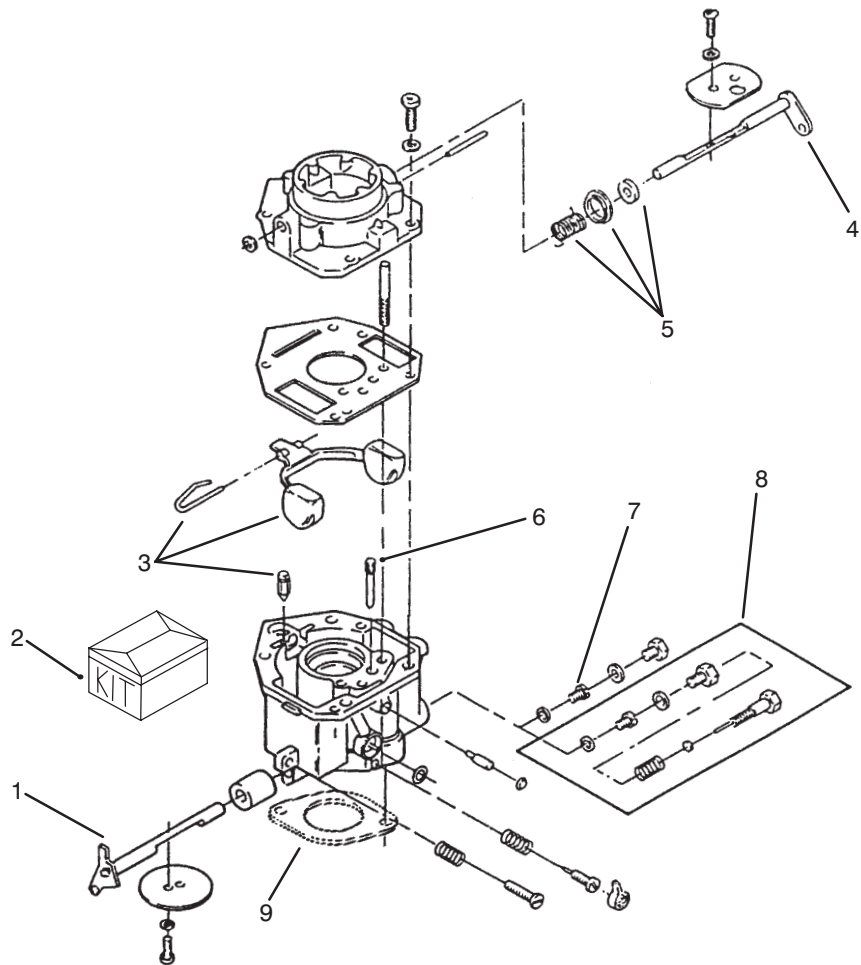


C-2069

INTAKE MANIFOLD

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-1120	Hose - Breather	1	+	94-1843	Kit - Float After Serial No. 5900177 (Includes Float & Gasket)	1
2	82-1080	Clamp - Hose 1/2" Dia.	2				1
2	82-1090	Clamp - Hose .44" Dia.	1	+	94-1848	Jet - High (Fixed Main) After Serial No. 5900177	1
3	82-1070	Fitting - Barbed	1	+	94-1844	Kit - Repair (Accelerator Pump) After Serial No. 5900177	1
4	NN10362	Washer - Flat	1				
5	57-9620	O-Ring	1	11	82-0850	Gasket - Carb/Manifold	1
6	57-9700	Clip - Retaining, Control Rod To Carburetor	1	12	NN10375	Screw - Hex. Hd.	4
7	NN10227	Rod - Governor Control	1	13	82-1350	Washer - Flat	6
8	NN10877	Spring - Governor Rod	1	14	92-0918	Manifold - Intake	1
9	57-9730	Clip - Retaining	1	15	NN10545	Screw - Hex. Hd.	2
10	62-2790	Assembly - Carburetor Before Serial No. 59000178 (Incl. Ref. #5 & 11)	1	16	71-5980	Gasket - Manifold To Block	2
+	94-1847	Kit - Carburetor Low Emission (Flange Gaskets) After Serial No. 5900177 NOT REPAIRABLE	1	17	82-1540	Screw - Hex. Washer Hd.	1
				18	NN10306	Hose - Fuel	1
				19	71-6220	Clip - Wire	1

+ Not Illustrated
NOT REPAIRABLE

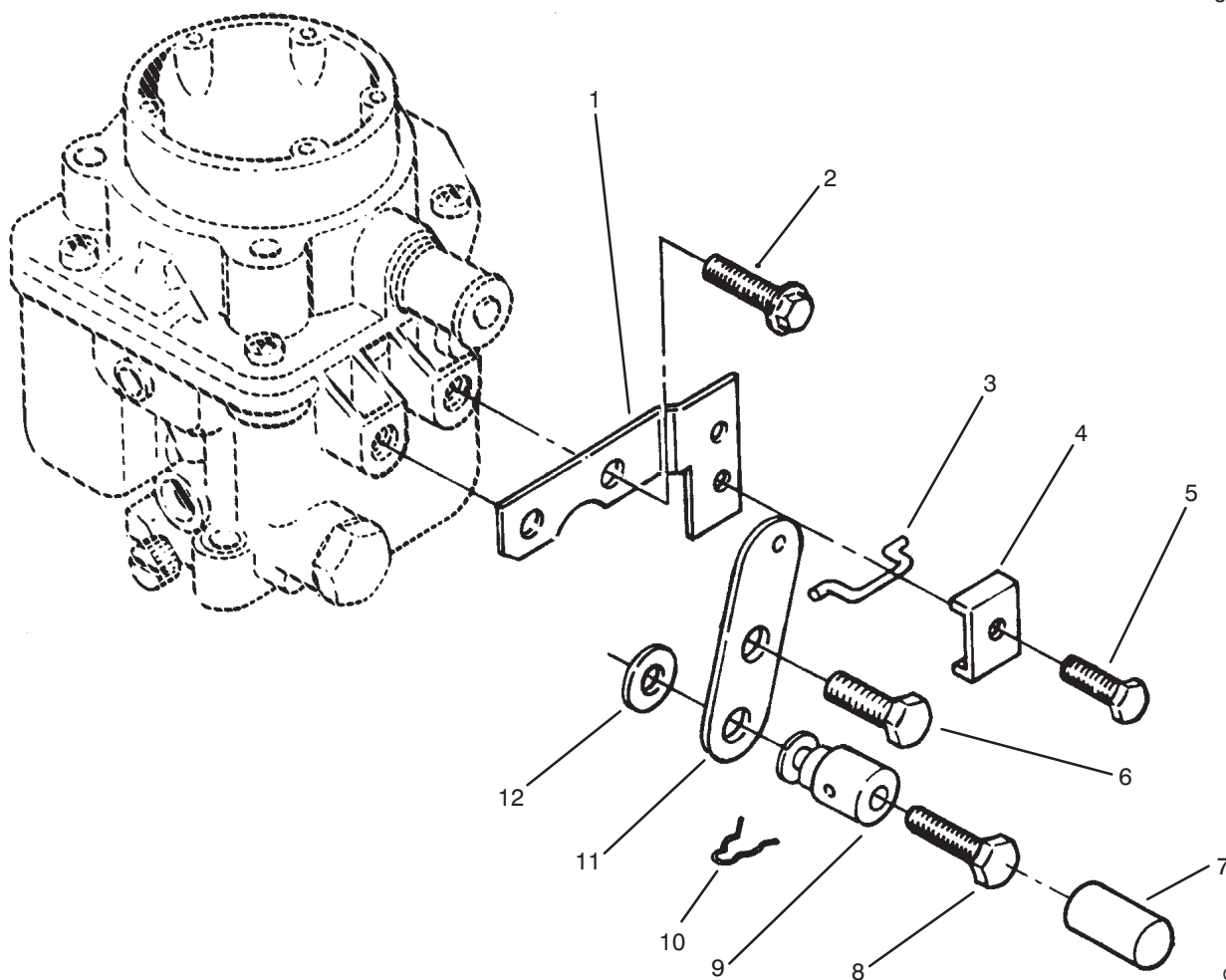


C-2070

CARBURETOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10811	Kit – Shaft, Throttle (Includes Valve Setscrew, Air Filter, & Throttle Valve)	1
2	82-0780	Kit – Repair (Includes Screw & Plug Package, Gasket Package, Float Valve, Idle Adj. Needle & Spring, Mounting Gaskets & Idle Limit Cap)	1
3	62-2800	Kit – Float (Includes Float, Pin & Valve)	1
4	72-3860	Kit – Shaft, Choke	1

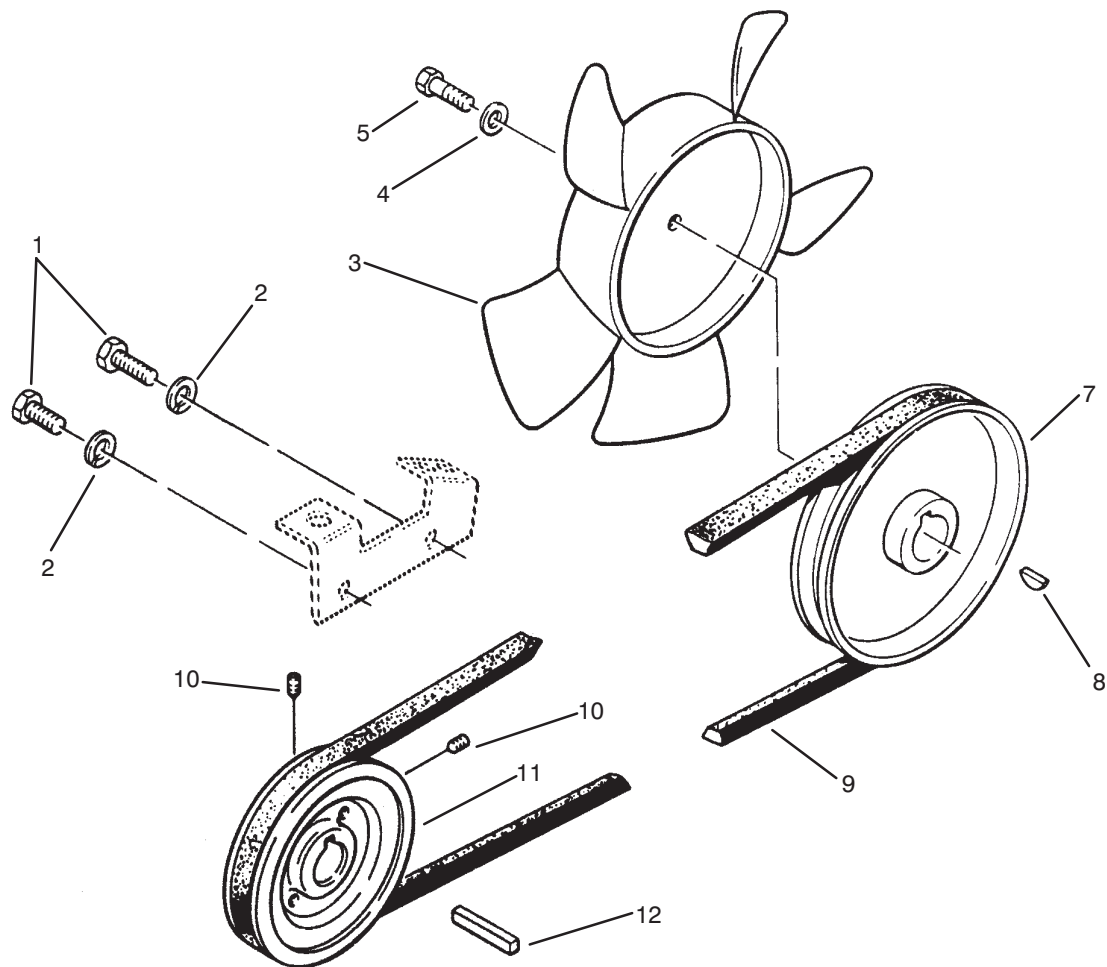
Ref. No.	Part No.	Description	No. Used
5	72-3870	(Incl. Choke Valve, Valve Setscrew, & Air Filter) Kit – Lever, Choke (Incl. Choke Lever Ring, Choke Spring, & Choke Collar)	1
6	NN10859	Jet – Idle	1
7	57-9050	Jet – Power	1
8	NN10858	Jet – Power, Fixed, Optional (High Altitude Application)	1
9	82-0850	Before Serial No. 5900178 Gasket – Carb. Mounting	2



C-2071

CHOKE CONTROL (FRONT PULL)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	59-0470	Bracket - Choke Cable	1	7	NN10830	Plug - Cap	1
2	72-3880	Screw - Cap Flange Hd	1	8	72-3890	Screw - Machine, Hex. Hd	1
3	57-9180	Link - Choke	1	9	NN10656	Swivel - Choke Lever	1
4	57-9190	Clip - Choke Cable	1	10	59-0720	Pin - Cotter	1
5	72-3900	Screw - Flange Hd.	1	11	NN10511	Lever - Choke	1
6	92-0916	Screw - Shoulder	1	12	59-0850	Washer - Flat	1

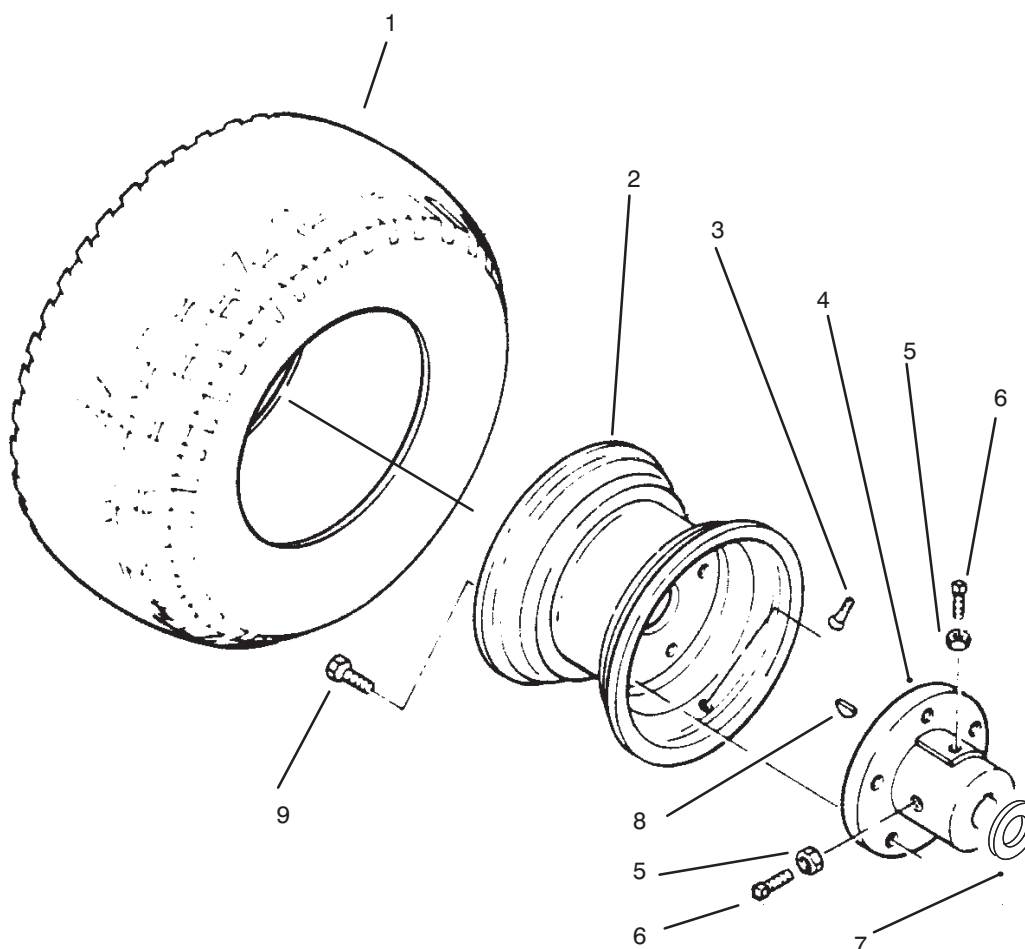


C-2050

DRIVE BELT AND PULLEYS

Ref. No.	Part No.	Description	No. Used
1	323-6	Bolt	2
2	3256-21	Washer - Lock	2
3	108393	Fan	1
4	103995	Washer - Special	1
5	321-3	Bolt	1
7	108316	Pulley - Transmission Drive	1

Ref. No.	Part No.	Description	No. Used
8	937089	Key - Woodruff	1
9	114895	Belt - Drive	1
10	3246-2	Setscrew	2
11	7443	Pulley - Engine Drive	1
12	105453	Key	1



C-2074A

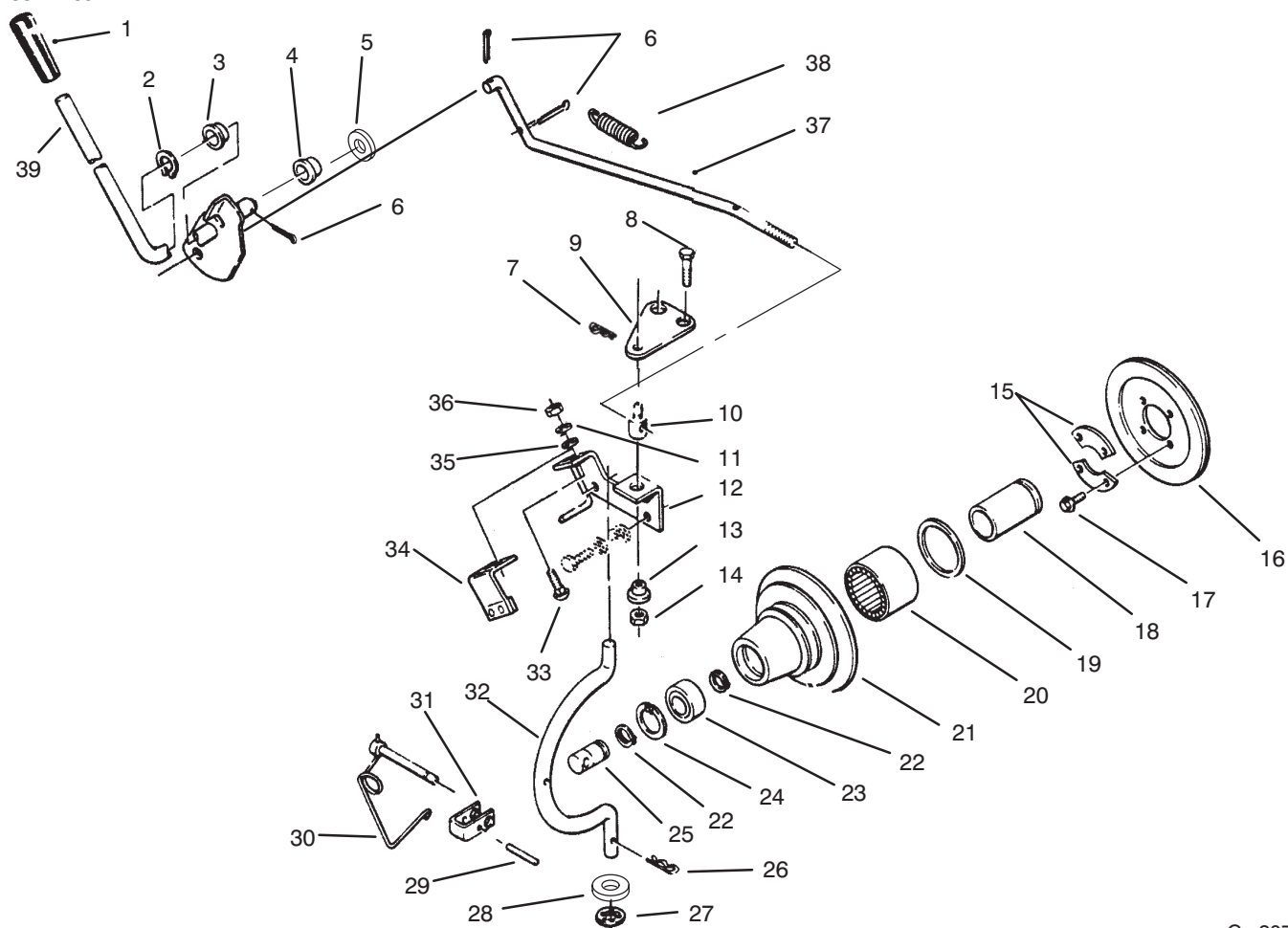
REAR WHEELS AND TIRES

Ref. No.	Part No.	Description	No. Used
1	116744	Tire – Turf Trac	2
2	111516	Wheel – Rear	2
3	5108	Stem – Valve	2
4	105763	Hub – Rear	2
5	3218–3	Nut – Jam	4

Ref. No.	Part No.	Description	No. Used
6	3243–5	Screw – Set	4
7	106826	Washer – Thrust	2
8	937108	Key – Woodruff	2
9	83–2720	Bolt – Lug	10

*Not Illustrated

3317-891



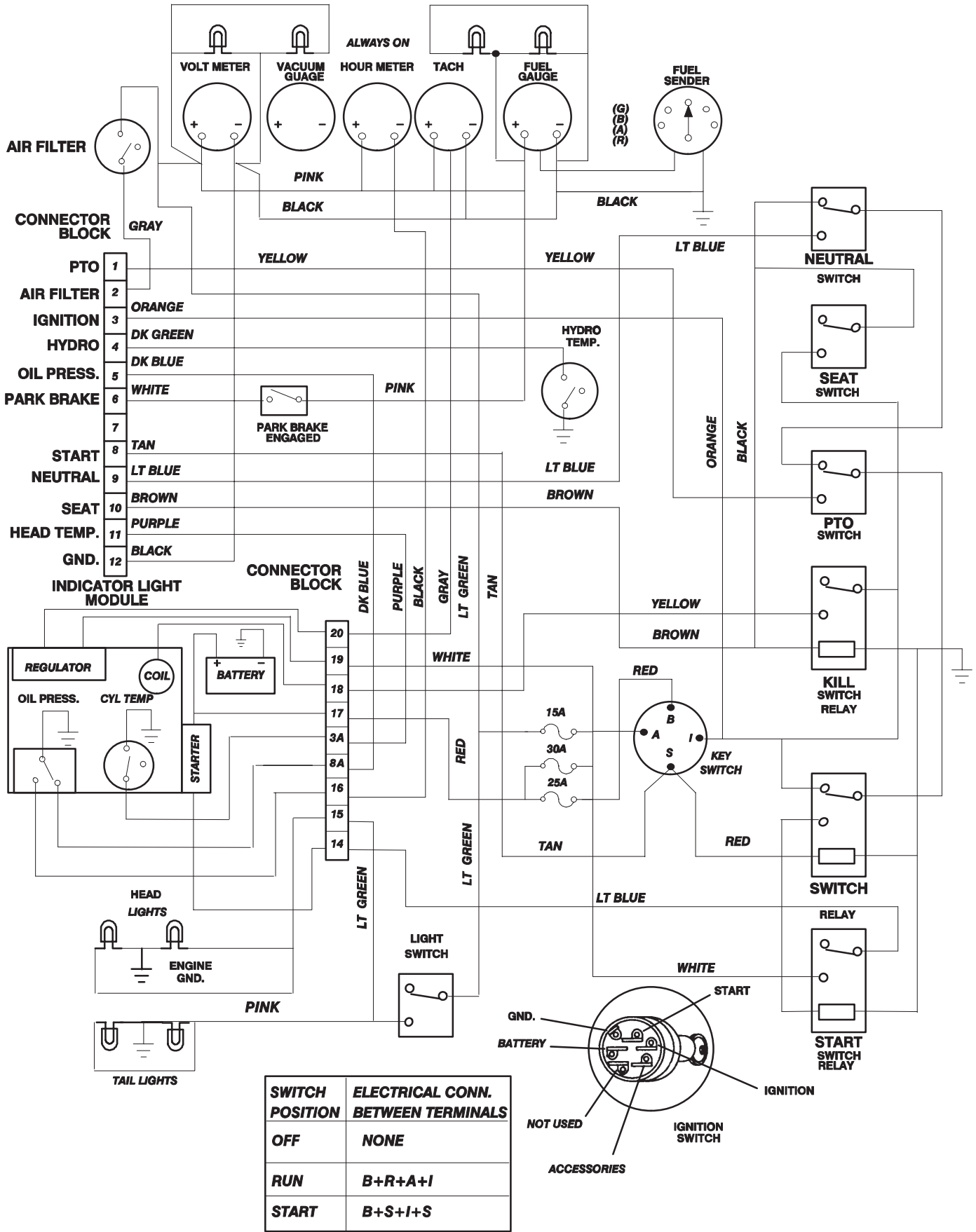
C-2075

PTO CLUTCH & CONTROL

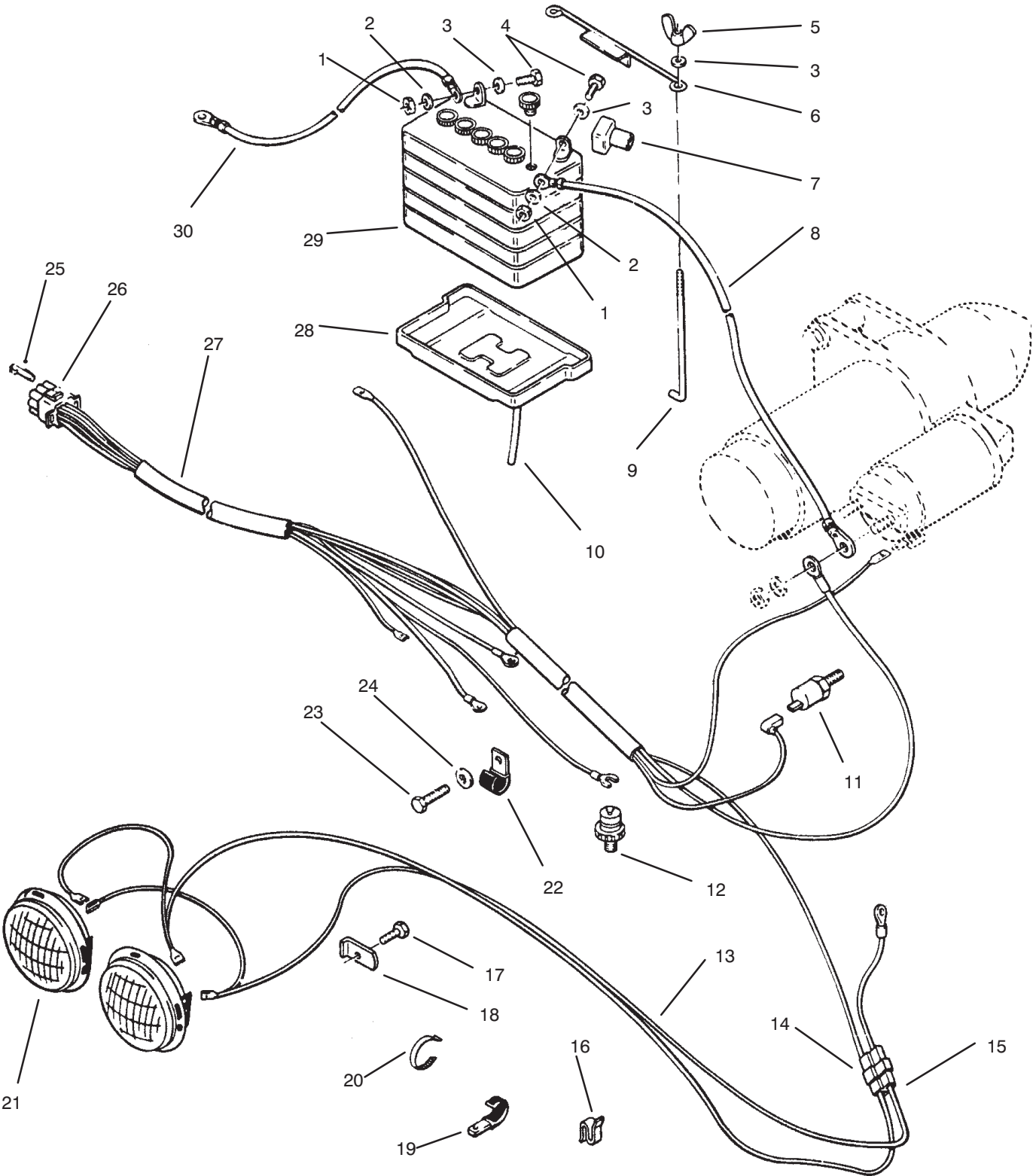
Ref. No.	Part No.	Description	No. Used
1	9038	Grip	1
2	32151-11	Ring - Retaining	1
3	5666	Bushing - Nyliner	1
4	5983	Bushing	1
5	3765	Washer - Shim	1
6	3272-10	Pin - Cotter	3
7	933505	Pin - Cotter, Hair	1
8	323-7	Screw - Hex. Hd.	1
9	110669	Plate - PTO	1
10	110656	Trunnion	1
11	3253-3	Washer - Lock	2
12	113874	Bracket - Engine	1
13	104859	Spacer	1
14	3296-39	Nut - Lock	1
15	6659	Retainer	2
16	114881	Assembly - Plate	1
17	908002	Bolt - Nylok	4
18	6658	Race - Bearing	1
19	6663	Seal - Oil	1
20	6662	Bearing - Needle	1

Ref. No.	Part No.	Description	No. Used
21	103478	Housing - Clutch	1
22	32120-72	Ring - Snap, External	2
23	109842	Bearing - Ball	1
24	32120-62	Ring - Snap, Internal	1
25	102872	Shaft - PTO	1
26	933506	Pin - Cotter, Hair	1
27	106695	Ring - Push-On	1
28	3256-27	Washer - Flat	1
29	933274	Pin - Spirol	1
30	111314	Pin - Locking	1
31	113107	Clevis	1
32	113108	Rod - Housing, PTO	1
33	3229-25	Bolt - Carriage	2
34	110665	Assembly - Brake, PTO	1
35	3256-22	Washer - Flat	2
36	3218-1	Nut - Jam	2
37	111052	Rod - Clutch, PTO	1
38	103125	Spring	1
39	111233	Lever - Clutch, PTO	1

WIRING DIAGRAM



BATTERY & HEADLIGHTS ASSEMBLY



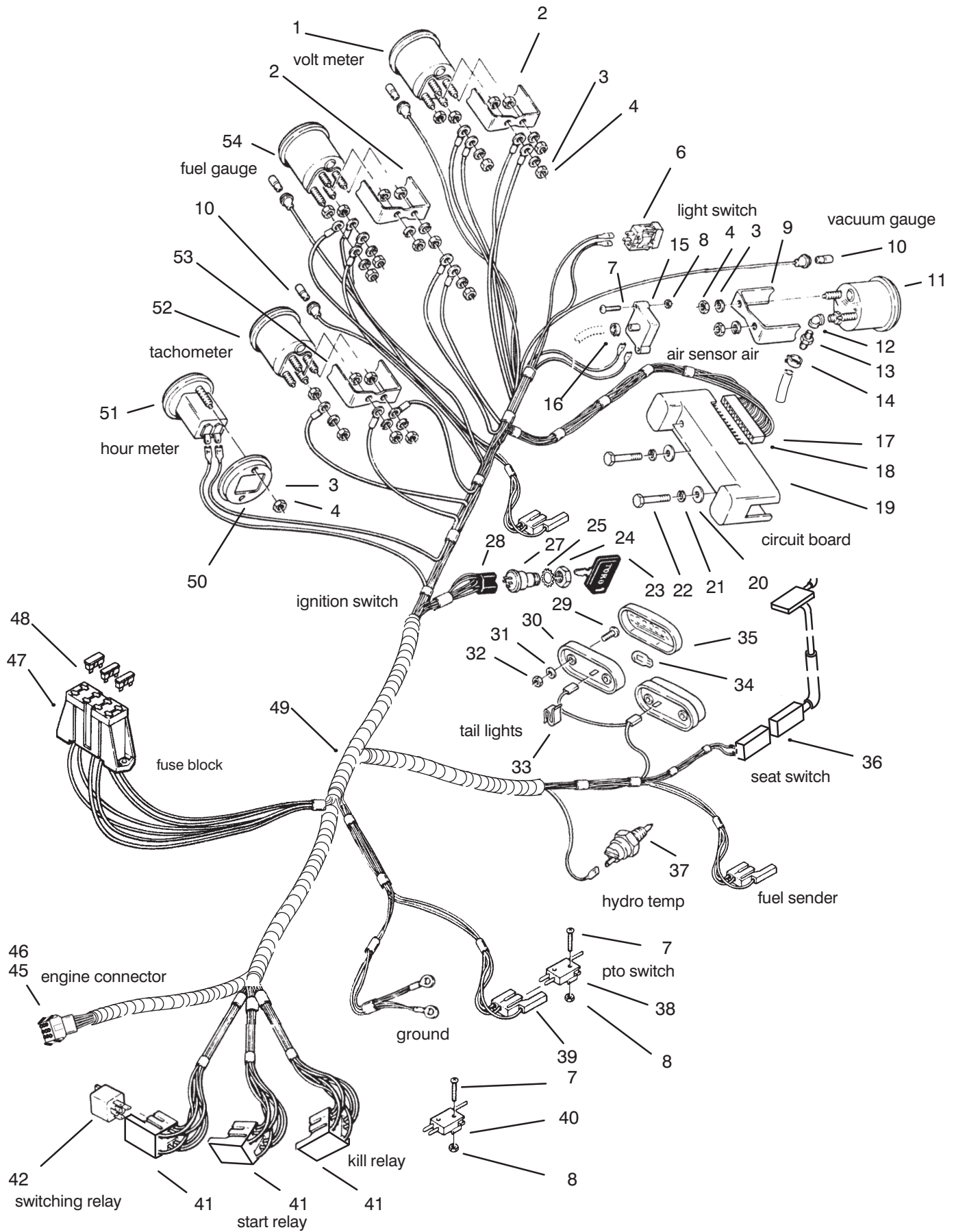
BATTERY & HEADLIGHTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut - Lock	5
2	3253-3	Washer - Lock	2
3	3256-22	Washer - Flat	4
4	321-4	Screw - Hex. Hd.	2
5	32103-22	Nut - Wing	2
6	113010	Rod - Battery Hold Down	1
7	109553	Cover - Terminal	1
8	113925	Cable - Battery, Pos.	1
9	113969	Hook - Battery Hold Down	2
10	114720	Tube - Drain	1
11	NN10274	Switch - High Engine Temp	1
12	94-1845	Switch - Low Oil Pressure	1
13	114052	Harness - Headlight	1
14	NN10278	Connector - Male	1
15	109357	Connector - Female	1
16	3023	Clip - Small	1

Ref. No.	Part No.	Description	No. Used
17	926671	Bolt - Hex	2
18	109459	Clamp	2
19	8830	Clip	1
20	100571	Tie - Cable	A/R
21	102881	Headlight	2
22	71-6220	Clip	1
23	82-1540	Screw	1
24	NN10425	Washer - Int. Tooth	1
25	NN10279	Contact - Socket	1
26	NN10281	Connector - Male	1
27	94-1846	Harness - Engine Wiring	1
28	106498	Tray - Battery	1
29	115877	Battery - 280 CCA	1
30	114210	Cable - Battery, Ground	1
*	3290-378	Tie - Cable	7

*Not Illustrated

ELECTRICAL SYSTEM

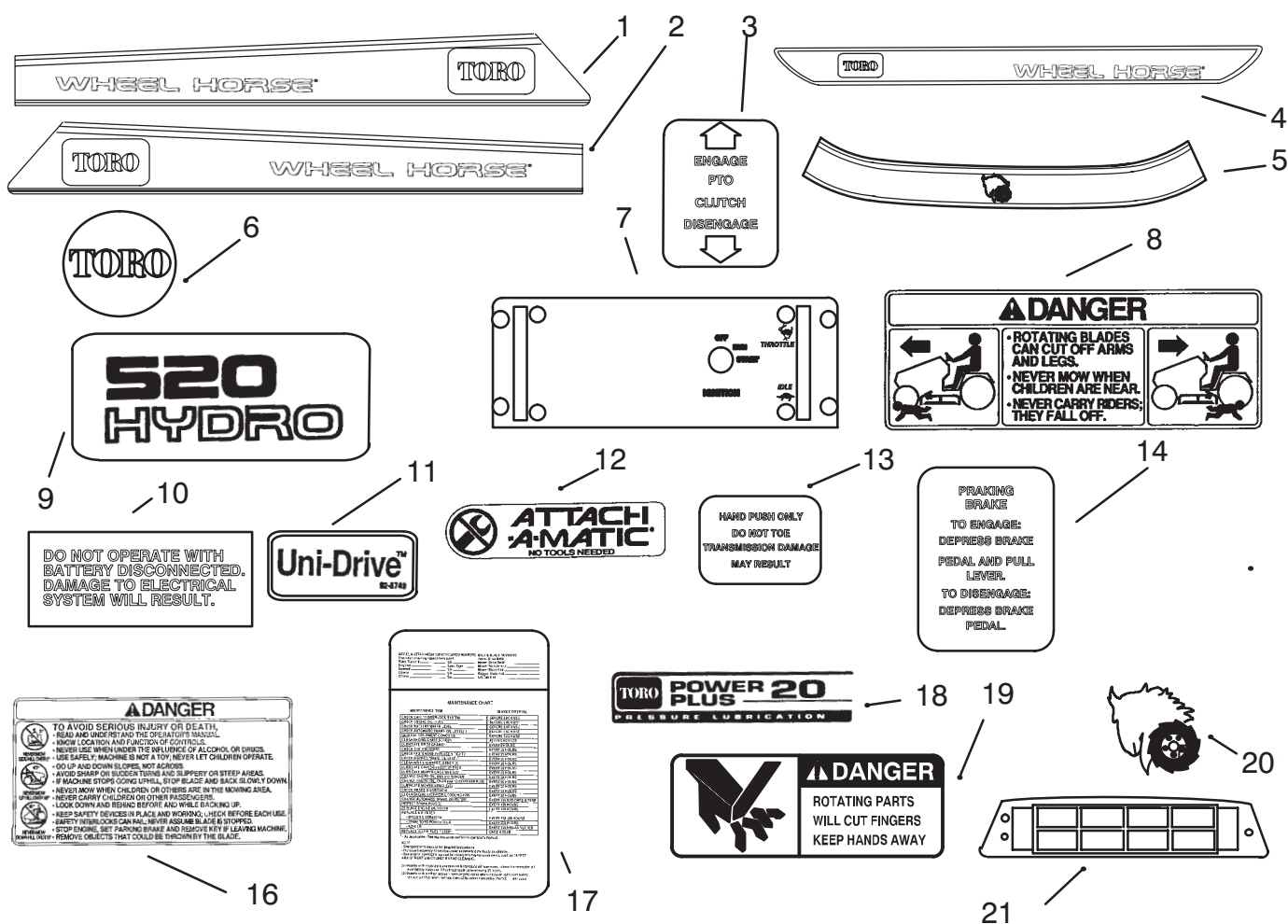


ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	78-0030	Voltmeter (Incl. Ref. #2-4)	1	29	3250-31	Screw (Optional)	4
2	78-0080	Bracket - Mounting	2	30	105202	Base - Taillight w/Bulb	2
3	3255-25	Washer - Lock	2	31	3254-1	Washer - Lock	4
4	3217-27	Nut - Hex.	A/R	32	3296-27	Nut	4
6	92-9844	Switch - Light	1	33	3023	Clip - Speed	2
7	9109482	Screw	4	34	109045	Bulb - Light (HD #193)	2
8	9157324	Nut - Elastic	6	35	112564	Lens - Taillight	2
9	78-0100	Bracket - Mounting	2	36	38-1420	Switch - Seat	1
10	79-0450	Lamp - .938" Long	4	37	113193	Switch - Trans. Oil Temp	1
11	79-2660	Gauge - Vacuum (Incl. Ref. #3-4 & 9)	1	38	111332	Switch - Interlock Snap	2
12	943021	Elbow	1	39	111498	Connector	4
13	105076	Fitting - Straight	1	40	115230	Switch - Clutch	1
14	950154	Clamp - Corbin	1	41		Connector - Relay	3
15	114270	Sensor - Air Cleaner	1	42	116397	Relay	3
16	114767	Clamp	1	47	120930	Body - Fuse (Ref. Item #49)	1
17	114633	Terminal	12	48	114594	Fuse - 10 Amp, ATO or ATO	1
18	114632	Connector - Male	1		109101	Fuse - 20 Amp, ATO or ATO	1
19	79-2130	Board - Light Circuit	1		NN10277	Fuse - 30 Amp, ATO or ATO	1
20	3256-21	Washer - Flat	2	49	79-3630	Assembly - Wire Harness	1
21	3253-15	Washer - Lock	2	50	78-3320	Bracket - Mounting	1
22	9107834	Screw	2	51	78-0020	Hourmeter (Incl. Ref. #3-4 & 49)	1
23	62-7770	Key - Padded Ignition	2	52	78-0060	Tachometer (Incl. Ref. #1, 3-4 & 52)	1
24	101884	Nut - Special	1	53	78-0090	Bracket - Mounting	1
25	9201604	Washer - Lock	1	54	78-0040	Gauge - Fuel (Incl. Ref. #2-4)	1
27	111216	Switch - Ignition (Incl. Ref. #24-25)	1	*	117257	Tie - Snap In	1
28	105302	Connector Body - Ignition Switch (Ref. Item #49)	1				

*Not Illustrated

DECALS



DECALS

Ref. No.	Part No.	Description	No. Used
1	92-9835	Decal - Hood RH	1
2	92-9834	Decal - Hood LH	1
3	111960	Decal - PTO Clutch	1
4	92-9827	Decal - Rear Fender	1
5	92-9826	Decal - Front Hood	1
6	118530	Plate - Toro Logo	1
7	119230	Decal - Front Panel	1
8	92-8946	Decal - Danger	1
9	92-9833	Decal - 520 Hydro	2
10	111926	Decal - Electrical System	1

Ref. No.	Part No.	Description	No. Used
11	92-8749	Decal - Unidrive	1
12	92-8747	Decal - Attach-A-Matic	1
13	116446	Decal - Do Not Tow	1
14	116445	Decal - Parking Brake	1
16	92-9838	Decal - Danger	1
17	88-3200	Decal - Maintenance	1
18	118560	Decal - Power Plus	1
19	88-2790	Decal - Danger	1
20	92-9836	Plate - Wheel Horse Logo	1
21	78-8350	Decal - Indicator Lights	1

TORO PART NUMBER INDEX

3317—891

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
1121	Key	9 18 1	100571	Tie — Cable	42 20A/R
1278	Washer — Shim	19 13 1	100656	Bearing — Cam	13 19 1
1278	Washer — Shim	12 25 1	101017	Lock	20 16 1
1278	Washer — Shim .050	18 8 6	101623	Gear — Differential Pinion	10 17 8
1481	Fitting — Grease 45°	19 15 1	101699	Kit — Service, Cylinder	8 24 1
1481	Fitting — Grease 45°	18 24 1	101707	Lock	20 19 1
1518	Bearing — Needle	11 32 1	101711	Housing — Front Hitch	20 14 1
1532	Bearing — Needle	10 21 2	101750	Rod	20 17 1
1532	Bearing — Needle	11 31 2	101751	Rod — Front Hitch Lock	20 3 1
1538	Bearing — Needle	11 20 1	101757	Spacer	8 28 1
1644	Hitch — Drawbar	21 9 1	101850	Rod — Hood Stop	2 13 1
2844	Special Washer	12 14 1	101853	Spring	14 49 1
3023	Clip — Small	42 16 1	101884	Nut — Special	44 24 1
3023	Clip — Speed	44 33 2	101889	Gear — Differential Axle	10 15 2
3765	Washer — Shim	40 5 1	102025	Spacer	13 24 1
3765	Washer — Shim	14 44 1	102628	Fitting — Hyd., Straight	15 28 1
5108	Stem — Valve	39 3 2	102628	Fitting — Straight Adapter	8 19 1
5108	Stem — Valve	18 6 2	102644	Plate — Mid Hitch	20 7 2
5210	Washer — Shim .015	19 5 12	102809	Nut — Special, Flanged	13 21 1
5210	Washer — Shim .015	18 9 4	102872	Shaft — PTO	40 25 1
5618	Ring — Retaining	21 3 2	102881	Headlight	42 21 2
5618	Ring — Retaining	18 25 1	103125	Spring	40 38 1
5638	Axle	18 23 1	103125	Spring — Brake Return	12 6 1
5666	Bushing — Nyliner	40 3 1	103478	Housing — Clutch	40 21 1
5979	Bushing	2 8 2	103995	Washer — Special	15 2 1
5983	Bushing	40 4 1	103995	Washer — Special	38 4 1
5983	Bushing	8 6 1	104047	Bushing — Rubber	7 19 1
5983	Bushing	14 36 3	104048	Valve — Fuel Shut—Off	7 20 1
5991	Fitting — Filter	15 25 1	104841	Spring	8 16 1
6216	Pin	18 22 1	104859	Spacer	40 13 1
6229	Bearing	9 6 1	105061	Gear — Differential Ring	10 18 1
6397	Bearing	19 14 1	105076	Fitting — Straight	44 13 1
6449	Axle — Seal	10 6 1	105202	Base — Taillight w/Bulb	44 30 2
6449	Axle — Seal	11 12 1	105269	Shaft — Drawbar Hitch	21 4 1
6472	Bearing — Flange	18 14 1	105302	Connector Body — Ignition	44 28 1
6658	Race — Bearing	40 18 1	105316	Cap — Lock Rod	20 12 2
6659	Retainer	40 15 2	105453	Key	38 12 1
6662	Bearing — Needle	40 20 1	105490	Clamp	7 18 1
6663	Seal — Oil	40 19 1	105503	Bushing	6 3 2
6739	Trunnion	9 11 1	105524	Bracket — Pivot	6 6 2
7443	Pulley — Engine Drive	38 11 1	105763	Hub — Rear	10 1 1
7456	Bracket	5 13 4	105763	Hub — Rear	39 4 2
7879	Bushing	14 43 1	105763	Hub — Rear	11 18 1
7956	Washer — Thrust	11 25 1	105797	Ring — Retaining	20 2 8
8616	Spring	20 1 2	105797	Ring — Retaining	2 9 2
8830	"J"Clip	15 22 1	105876	Ring — Retaining	10 16 2
8830	"J"Clip	3 22 1	106222	Footrest — RH	5 15 1
8830	"J"Clip	22 7 1	106223	Footrest — LH	5 11 1
8830	"J"Clip	20 8 1	106236	Support — RH, Fuel Tank	6 23 1
8830	"J"Clip	42 19 1	106267	Grommet — Rubber	8 30 1
8830	"J"Clip	4 19 1	106269	Flange Bearing	9 3 2
8830	"J"Clip	6 19 1	106448	Tube — Filler	10 9 1
9038	Grip	40 1 1	106498	Tray — Battery	42 28 1
9038	Grip	20 10 1	106522	Chain — Lift	9 12 1
9416	Bearing — Needle	10 7 1	106634	Pin — Hitch	21 6 1
9416	Bearing — Needle	11 11 1	106661	Cam — Eccentric	15 18 1
9547	Washer — Thrust	11 33 1	106695	Ring — Push—On	40 27 1
100079	Tube — Front (Optional)	18 28 2	106719	Drum — Brake	12 13 1
100304	Spacer	13 12 2	106826	Washer — Thrust	10 4 1
100305	Washer — Friction	15 10 2	106826	Washer — Thrust	39 7 2
100309	Bushing — Pivot, Cam	15 12 1	106826	Washer — Thrust	11 15 1
100365	Washer — Spring, Disc	15 9 2	107069	Clip	5 14 2
100571	Tie — Cable	8 * 1	107069	Nut — Speed	4 15 5

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
107374	Washer — Special	11 4 4	110665	Assembly — Brake, PTO	40 34 1
107938	Spring	14 41 1	110669	Plate — PTO	40 9 1
108312	Gasket — Case	11 8 1	110768	Dipstick	10 10 1
108316	Pulley — Transmission Drive	38 7 1	110920	Spring — Seat	6 27 2
108316	Pulley — Transmission Drive	15 38 1	111052	Rod — Clutch, PTO	40 37 1
108319	Gasket — Pump	15 34 1	111071	Bumper	6 10 2
108323	Base — Filter	15 26 1	111196	Cap — Differential End	11 2 1
108325	Arm — Control, Speed	15 15 1	111196	Cap — Differential End	10 13 1
108326	Spacer — Pivot, Long	15 8 1	111199	Bearing — Ball	11 3 1
108327	Spacer — Pivot, Short	15 39 1	111199	Bearing — Ball	10 19 1
108329	Plate, Control	15 5 1	111201	Case — Transaxle, LH	11 7 1
108333	Plate — Control, Speed	15 11 1	111217	Tube — Suction	15 37 1
108357	Seal — Oil	11 19 1	111233	Lever — Clutch, PTO	40 39 1
108361	Axle — Rear, LH Short	11 1 1	111314	Pin — Locking	40 30 1
108362	Axle — Rear, RH Long	10 5 1	111332	Switch — Interlock Snap	44 38 2
108363	Pin — Dowel	11 28 2	111383	Collar	12 3 1
108364	Fitting — Hyd., Straight	15 36 1	111498	Connector	44 39 4
108365	Fitting — Hydraulic 90°	15 33 2	111516	Wheel — Rear	39 2 2
108366	Spacer — Drive, Gear	15 32 1	111926	Decal — Electrical System	46 10 1
108368	Pump & Motor Asm, Eaton	15 35 1	111951	Cap — Hub	18 1 2
108393	Fan	15 3 1	111952	Washer — Special	18 3 2
108393	Fan	38 3 1	111960	Decal — PTO Clutch	46 3 1
108457	Nut — Push On	4 2 1	111960	Decal — PTO Clutch	3 12 1
108457	Nut — Push On	5 18 1	112564	Lens — Taillight	44 35 2
108464	Support — LH, Fuel Tank	6 20 1	112602	Bearing — Output After	17 * 1
108496	Rod — Pivot	14 34 1	112637	Housing — Pump Assembly	17 4 1
108680	Spring	12 11 1	112641	Cover Assembly	17 9 1
108716	Plate — Cam	13 31 1	112652	Shield — Grass	17 30 1
108717	Spacer	13 30 1	112653	Ring — Retaining	17 31 1
108881	Nut	10 12 4	112666	Bearing — Output Before	17 52 1
108881	Nut	15 13 2	112791	Pulley — Idler	14 39 1
108898	Clamp — Corbin	7 15 2	113010	Rod — Battery Hold Down	42 6 1
108904	Rod Control	13 14 1	113023	Bracket — Fender	5 9 1
109045	Bulb — Light (HD #193)	44 34 2	113107	Clevis	40 31 1
109081	Kit — Service, Valve	8 * 1	113108	Rod — Housing, PTO	40 32 1
109088	Kit — Service, Cylinder	8 25 1	113136	Race — Pump	17 16 1
109101	Fuse — 20 Amp, ATO or ATC44	44 1	113193	Switch — Trans. Oil Temp	44 37 1
109189	Bushing — Flange	19 6 1	113358	Sender — Fuel Level	7 5 1
109356	Bushing	12 19 1	113372	Gasket	7 4 1
109357	Connector — Female	42 15 1	113381	Spindle — LH	18 * 1
109367	Bracket — Brake	11 23 1	113382	Spindle — RH	18 26 1
109370	Shaft	11 26 1	113445	Bar — Lift	9 8 1
109371	Band — Brake	12 17 1	113454	Control — Cam	13 11 1
109372	Rod — Brake, Front	12 7 1	113874	Bracket — Engine	40 12 1
109459	Clamp	42 18 2	113925	Cable — Battery, Pos.	42 8 1
109494	Bezel — Headlight RH	2 20 1	113932	Stiffener — Panel	3 15 1
109495	Bezel — Headlight LH	2 19 1	113962	Panel — RH	3 1 1
109500	Fitting — Grease	18 5 2	113969	Hook — Battery Hold Down	42 9 2
109553	Cover — Terminal	42 7 1	114012	Tank — Fuel	7 3 1
109554	Bracket — Support, Guard	5 6 1	114027	Control — Choke	3 31 1
109703	Gear	11 34 1	114052	Harness — Headlight	42 13 1
109742	Gear 20 Tooth	11 30 1	114210	Cable — Battery, Ground	42 30 1
109751	Gear — 20 Teeth	15 31 1	114215	Cover — Exhaust, Front	22 21 1
109752	Gear 46 Tooth	11 29 1	114216	Cover — Exhaust, Rear	22 5 1
109842	Bearing — Ball	40 23 1	114270	Sensor — Air Cleaner	44 15 1
109989	Spacer	6 28 4	114343	Cylinder — Spring, Gas	6 14 1
110124	Hose — Valve To Cylinder	8 29 1	114344	Spacer	6 9 2
110125	Hose — Valve To Cylinder	8 18 1	114345	Bracket	6 15 1
110189	Rod End Asm	13 13 2	114427	Logo — Hub Cap 8 (Opt.)	18 29 2
110513	Bearing — Ball	18 7 4	114594	Fuse — 10 Amp, ATO or ATC44	44 48 1
110521	Line — Fuel 53	7 21 1	114628	Bracket — Switch	3 17 1
110636	Pad — Footrest	5 16 2	114632	Connector — Male	44 18 1
110656	Trunnion	40 10 1	114633	Terminal	44 17 12

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317—891

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
114636	Nipple	22 17 1	910837	Screw	5 17 1
114641	Stop — Choke	3 14 1	910837	Screw — Black	4 9 3
114709	Hood	2 3 1	910839	Screw	4 11 2
114720	Tube — Drain	42 10 1	911423	Bolt	11 5 4
114763	Pipe	22 16 1	915740	Nut	4 6 2
114764	Elbow 90°	22 9 1	926671	Bolt — Hex.	42 17 2
114767	Clamp	44 16 1	926671	Screw — Hex. Hd.	5 4 1
114823	Washer — Wave	14 45 2	926694	Bolt	5 3 2
114881	Assembly — Plate	40 16 1	926694	Bolt — Flange Hd.	6 11 6
114888	Screw	22 2 6	926694	Screw — Hex. Hd.	4 13 14
114895	Belt — Drive	38 9 1	926697	Bolt — Flange Hd.	6 5 4
115230	Switch — Clutch	44 40 1	926794	Bolt	7 2 2
115392	Control — Throttle	3 30 1	933135	Pin — Spirol	13 23 1
115620	Cover — Console, 5—Gage	3 9 1	933198	Pin — Spirol	13 3 1
115877	Battery — 280 CCA	42 29 1	933198	Pin — Spirol	8 7 1
116000	Bolt — Carriage	4 1 4	933274	Pin — Spirol	40 29 1
116000	Bolt — Carriage	5 12 4	933505	Hairpin — Cotter	21 8 1
116302	Arm — Control	8 8 1	933505	Pin — Cotter	9 16 2
116305	Bracket — Control Rod	8 11 1	933505	Pin — Cotter, Hair	40 7 1
116309	Bracket — Support, Battery	4 7 1	933506	Pin — Cotter, Hair	40 26 1
116321	Arm — Control	14 51 1	933507	Pin — Cotter	9 9 2
116324	Rod Assembly	14 52 1	937089	Key — Hi—Pro	15 7 1
116397	Relay	44 42 3	937089	Key — Woodruff	38 8 1
116407	Rod End	13 9 2	937099	Key — Woodruff	11 27 1
116445	Decal — Brake, Parking	4 12 1	937108	Key — Woodruff	39 8 2
116445	Decal — Parking Brake	46 14 1	937108	Key — Woodruff	11 14 1
116446	Decal — Do Not Tow	46 13 1	937108	Key — Woodruff	10 22 1
116446	Decal — Do Not Tow	6 24 1	943021	Elbow	44 12 1
116471	Muffler	22 6 1	950154	Clamp — Corbin	44 14 1
116609	Plate — Engine	22 14 1	973310	"O"Ring	8 17 4
116634	Knob — Hydraulic Lift	8 13 1	973370	"O"Ring	15 * 1
116635	Knob — Motion Control	13 1 1	973370	"O"Ring	8 20 4
116744	Tire — Turf Trac	39 1 2	979120	Spacer	21 5 2
116745	Rod — Pivot	2 12 1	9000369	Bolt	3 24 2
116746	Bracket — RH	2 7 1	9080026	Bolt	15 1 1
116747	Bracket — LH	2 10 1	9080196	Screw — Hex. Hd.	15 19 1
117127	Tire — Front, Turf Trac	18 27 2	9080356	Bolt	11 6 1
117191	Bracket — Holder, Fuse	4 4 1	9080406	Bolt	11 10 1
117257	Tie — Snap In	44 * 1	9080406	Screw — Hex. Hd.	15 6 1
117267	Panel — Dash	3 7 1	9107834	Screw	44 22 2
117328	Rod — Lift Control	8 9 1	9107922	Screw	3 28 4
117343	Keeper — Latch	3 19 2	9108372	Screw — Black	3 5 8
117344	Latch — Hood	2 6 2	9108392	Screw	3 3 6
117432	Rivet — Pop	2 5 4	9109482	Screw	44 7 4
117433	Rivet — RS Pop	3 20 4	9114584	Bolt	13 18 2
117930	Latch — Mid Hitch	20 13 1	9157324	Nut — Elastic	44 8 6
118410	Cover — Steering	3 8 1	9157404	Nut — Lock	3 27 4
118530	Plate — Toro Logo	23 19 1	9201604	Washer — Lock	44 25 1
118530	Plate — Toro Logo	46 6 1	9202324	Washer	8 27 1
118560	Decal — Power Plus	46 18 1	9202414	Washer	13 25 1
118660	Guide — Control	13 4 1	9266944	Bolt	14 33 1
118780	Screw — Plastite	3 11 4	9321204	Pin — Clevis	8 3 1
119230	Decal — Front Panel	46 7 1	9329974	Pin — Clevis	8 23 1
119340	Cylinder — Hydraulic	8 26 1	9335044	Pin — Cotter	12 27 1
120930	Body — Fuse	44 47 1	111216	Switch — Ignition	44 27 1
121100	Lever — Lift	9 5 1	NN10082	Lock — Valve Spring	25 8 8
128860	Knob	13 26 1	NN10132	Nut	33 20 1
201256	Link — Governor Control	34 21 1	NN10143	Filter — Oil	30 7 1
201270	Washer	34 15 1	NN10159	Cap & Indicator — Oil Fill	29 13 1
201327	Screw	34 26 3	NN10176	Wrapper — Element	33 2 1
518211	Bumper	5 10 2	NN10187	Tube — Air Intake	33 17 1
908002	Bolt — Nylok	40 17 4	NN10190	Gasket	33 19 1
910807	Screw	7 6 5	NN10211	Cap — Fuel Fitting	7 17 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10212	Pump — Fuel	7 14 1	56-2930	Rotor / Ball — Pump	17 15 1
NN10227	Rod — Governor Control	35 7 1	56-2940	Ring — Cam	17 56 1
NN10239	Fitting — Barbed	33 18 1	56-2950	Piston	17 18 2
NN10253	Cable — Spark Plug	32 9 2	56-2960	Ring — Back Up	17 19 2
NN10274	Switch — High Temp.	42 11 1	56-2970	"O"Ring	17 20 2
NN10277	Fuse — 30 Amp, ATO or ATC44	1	56-2980	Pin — Coil	17 21 1
NN10278	Connector — Male	42 14 1	56-2990	Pintle Assembly (Inc. Ref. #1,1722	1
NN10279	Contact — Socket	42 25 1	56-3000	Ring — Retaining	17 23 2
NN10281	Connector — Male	42 26 1	56-3010	Ball	17 24 2
NN10302	Line — Fuel 7	7 13	56-3020	Body — Check Valve	17 25 2
NN10306	Hose — Fuel	35 18 1	56-3030	Ball	17 26 1
NN10348	Clip — Wire	7 24 1	56-3040	Spring — Relief Valve	17 27 1
NN10357	Screw	34 11 1	56-3050	Plug — Relief Valve	17 28 1
NN10362	Washer — Flat	35 4 1	56-3060	Pin — Dowel	17 29 1
NN10370	Screw — Hex. Hd.	25 19 2	56-3090	Ring — Retaining	17 5 4
NN10373	Screw — Hex. Hd.	30 4 2	56-3100	Screw — Soc. Hd.	17 33 6
NN10375	Screw — Hex. Hd.	35 12 4	56-3110	Roller	17 34 6
NN10379	Screw — Hex. Hd.	29 7 4	56-3120	Carrier	17 35 1
NN10390	Screw — Hex. Washer Hd.	33 13 1	56-3130	Seal — Oil	17 36 1
NN10394	Screw — Hex Washer Hd.	31 17 2	56-3140	Kit — Control Shaft	17 37 1
NN10425	Washer — Int. Tooth	42 24 1	56-3170	Insert — Cam Ring	17 40 1
NN10446	Cover — Air Cleaner	33 6 1	56-3180	Spring	17 41 2
NN10447	Hose	33 22 1	56-3200	Body — Acc. Valve	17 43 2
NN10448	Tube — Oil Fill	29 11 1	56-3210	Ball	17 44 2
NN10508	Bracket — Cable	34 3 1	56-3220	Rotor / Ball — Motor	17 45 1
NN10511	Lever — Choke	37 11 1	56-3230	Shaft — Output	17 46 1
NN10545	Screw — Hex. Hd.	35 15 2	56-3240	Race — Motor	17 47 1
NN10545	Screw — Hex. Hd.	31 25 4	56-3250	Plug — Asm	17 48 1
NN10545	Screw — Hex. Washer Hd.	32 6 2	56-3260	"O"Ring	17 49 1
NN10656	Swivel — Choke Lever	37 9 1	56-3290	Ring — Retaining	17 53 1
NN10769	Housing — Blower	23 17 1	56-3310	Kit — Seal, Overhaul	17 * 1
NN10773	Crankshaft	28 11 1	57-8000	Bearing — Camshaft	25 59 2
NN10774	Element — Air Cleaner	33 1 1	57-8010	Gasket — Bearing Plate	25 27 1
NN10790	Line — Fuel 12	7 12 1	57-8020	Standard	25 52 1
NN10811	Kit — Shaft, Throttle	36 1 1	57-8030	.010 Undersize	25 52 1
NN10821	Cover — Valve	25 21 1	57-8050	Standard	25 29 1
NN10825	Kit — Gearcase	31 27 1	57-8060	.010 Undersize	25 29 1
NN10830	Plug — Cap	37 7 1	57-8090	Gasket — Oil Base	29 5 1
NN10832	Bracket — Governor Adjust	23 22 1	57-8130	Gear — Crankshaft	28 12 1
NN10858	Jet — Power, Fixed, Optional	36 8 1	57-8140	Washer — Gear	28 13 1
NN10859	Jet — Idle	36 6 1	57-8150	Screw — Hex. Hd.	27 1 1
NN10877	Spring — Governor Rod	35 8 1	57-8160	Washer — Thrust	25 35 2
NN10886	Seal — Dust	26 6 1	57-8170	Shim — Crankshaft .005	25 28A/R
NN10894	Drain — Oil Filter	30 9 1	57-8180	Gear — Ring	27 6 1
NN10895	Gasket — Gearcase Mtg.	31 8 1	57-8210	Gear — Camshaft	28 5 1
NN10929	Kit — Mounting Bracket	26 5 1	57-8230	Washer — Thrust, Special	28 6 1
NN10930	Cap — Starter, Solenoid	26 10 1	57-8280	Gasket — Valve Cover	25 18 2
NN10932	Spring — Governor	34 13 1	57-8330	Gasket — Cylinder Head	25 38 2
12-3270	Screw — Hex. Hd.	22 4 3	57-8410	Bolt — Connecting Rod	25 44 4
16-0079	Fender	6 17 1	57-8420	Standard	25 43 2
38-1420	Switch — Seat	44 36 1	57-8430	.010 Undersize	25 43 2
55-3570	Cap — Fuel	7 9 1	57-8440	.020 Undersize	25 43 2
56-2800	Screw — Hex. Hd. Soc.	17 1 1	57-8450	Standard	25 9 4
56-2810	Bearing — Ball	17 2 1	57-8460	Gasket Kit — Oil Pump	25 58 1
56-2820	Seal	17 3 2	57-8470	Plunger — Bypass Valve	25 3 1
56-2850	Ring — Seal	17 6 1	57-8480	Pump — Oil	25 54 1
56-2860	Plate — Pump	17 7 1	57-8490	Cup — Intake, Oil Pump	29 4 1
56-2870	Ring — Seal	17 8 1	57-8580	Baffle — Breather Tube	25 11 1
56-2880	Button	17 10 2	57-9050	Jet — Power	36 7 1
56-2890	Pin — Dowel	17 11 1	57-9090	Ring — Retaining	28 1 1
56-2900	Pin — Drive	17 12 1	57-9100	Spring — Governor	34 8 1
56-2910	Shaft — Input	17 13 1	57-9120	Bushing — Control Arm	34 9 1
56-2920	Ring — Seal	17 14 1	57-9120	Swivel — Throttle Lever	34 16 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317—891

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
57-9130	Hub — Governor Cup	28 2 1	59-0750	Pin — Alignment, Gear Cover	25 53 2
57-9180	Link — Choke	37 3 1	59-0790	Stud — Gear Cover	31 29 1
57-9190	Clamp — Cable	34 2 1	59-0810	Washer — Flat	27 3 1
57-9190	Clamp — Cable	34 24 1	59-0820	Washer — Flat	23 16 4
57-9190	Clip — Choke Cable	37 4 1	59-0820	Washer — Flat	25 22 1
57-9210	Gasket — Exhaust	22 20 2	59-0830	Washer — Flat	34 4 2
57-9340	Plug — Spark	32 8 2	59-0830	Washer — Flat	23 5 2
57-9360	.002 Undersize	25 52 1	59-0830	Washer — Flat	34 20 1
57-9430	Regulator — Voltage 20 Amp	31 12 1	59-0850	Washer — Flat	37 12 1
57-9550	Clamp — Vacuum Port Cap	31 21 1	59-0880	Screw — Flanged Hd.	25 32 5
57-9570	Seal — Oil, Governor Shaft	31 5 1	59-0900	Screw — Hex. Hd.	25 41 18
57-9580	Seal — Oil, Crankshaft	31 26 1	59-0910	Screw — Hex. Hd.	25 5 1
57-9590	Seal — Oil, Crankshaft Rear	25 31 1	59-0950	Screw — Mach. Pan Hd.	31 1 2
57-9610	O-Ring	29 12 1	59-0970	Screw — Tapping, Fl. Hd.	23 6 2
57-9620	O-Ring	35 5 1	59-0980	Screw — Tapping, Fl. Hd.	23 15 4
57-9630	Bearing — Ball, Gov. Shaft	31 7 1	59-0980	Screw — Tapping, Wash. Hd.	23 4 2
57-9640	Ball — Governor	28 4 5	59-1010	Screw — Self Tap. Fl. Hd.	34 25 1
57-9650	Bearing — Governor Shaft	31 6 1	59-1030	Screw — Tapping Hex. Hd.	34 5 1
57-9660	Key — Crankshaft Gear	28 15 1	59-1050	Screw — Pan Hd.	7 16 2
57-9660	Key — Woodruff	28 8 1	59-1050	Screw — Self Tap. Fl. Hd.	34 12 1
57-9690	Plug — Welch, Camshaft	25 25 1	59-1080	Screw — Hex. Hd. Fl. Hd.	23 9 4
57-9700	Clip — Retaining, Control	35 6 1	59-1080	Screw — Hex. Hd. Wash. Hd.	31 11 1
57-9710	Ring — Retaining	28 14 1	59-1100	Screw — Lock Hd.	23 21 2
57-9720	Ring — Retaining	25 48 4	59-1130	Nut — Hex.	31 28 1
57-9730	Clip — Retaining	35 9 1	59-1180	Capacitor	33 14 1
57-9730	Clip — Retaining, Control Rod	31 4 1	62-2740	Kit — Brush, Starter	26 13 1
57-9740	Washer — Flat, Copper	25 20 2	62-2760	Kit — Bushing, Starter	26 12 1
57-9750	Washer — Flat	30 3 2	62-2760	Kit — Hardware, Starter	26 4 1
57-9750	Washer — Flat	31 24 5	62-2770	Kit — Shift Lever, Starter	26 8 1
57-9760	Washer — Flat, Copper	25 2 1	62-2790	Assembly — Carburetor	35 10 1
57-9770	Washer — Flat	26 2 2	62-2800	Kit — Float	36 3 1
57-9770	Washer — Flat	25 40 18	62-2770	Key — Padded Ignition	44 23 2
57-9790	Nut	25 47 4	66-0120	Knob — Throttle Control	3 29 2
57-9800	.020 Undersize	25 52 1	71-5730	Base — Oil	29 8 1
59-0010	.030 Undersize	25 52 1	71-5770	Valve — Intake	25 37 2
59-0020	.002 Undersize	25 29 1	71-5780	Valve — Exhaust	25 45 2
59-0030	.020 Undersize	25 29 1	71-5790	Spring — Valve	25 6 4
59-0040	.030 Undersize	25 29 1	71-5800	Washer — Valve Spring	25 7 4
59-0050	Standard	25 36 2	71-5810	Side — Left	25 39 1
59-0080	.010 Oversize	25 36 2	71-5830	Cap — Valve	25 17 4
59-0100	Standard	25 46 2	71-5920	Flywheel	27 5 1
59-0110	.002 Oversize	25 46 2	71-5960	Filter — Fuel	7 11 1
59-0120	.005 Oversize	25 46 2	71-5980	Gasket — Manifold To Block	35 16 2
59-0130	.010 Oversize	25 46 2	71-5990	Cover — Plunger, Ignition	32 1 1
59-0140	.025 Oversize	25 46 2	71-6000	Coil — Battery Ignition	32 7 1
59-0180	Side — Right	25 39 1	71-6010	Rotor — Ignition	32 13 1
59-0250	.030 Undersize	25 43 2	71-6040	Starter — Solenoid Shift,	26 3 1
59-0260	.002 Oversize	25 9 4	71-6060	Clip — Wire	32 10 1
59-0280	Spring — Bypass Valve	25 4 1	71-6080	Bracket — Lift	23 10 2
59-0290	Tube — Oil, Cylinder Block	25 51 1	71-6140	Grommet — Rubber	33 16 1
59-0360	Tube — Vacuum Port	31 23 1	71-6170	Seal — Oil Fill Tube	29 9 1
59-0370	Cap — Vacuum Port	31 22 1	71-6180	Seal — Intake Valve	25 23 2
59-0400	Pin — Center	28 7 1	71-6190	Key — Flywheel	27 7 1
59-0420	Yoke — Governor Shaft	31 2 1	71-6220	Clip	42 22 1
59-0430	Spring — Idle Setting	34 6 1	71-6220	Clip — Wire	23 7 1
59-0450	Cup — Governor	28 3 1	71-6220	Clip — Wire	32 11 2
59-0470	Bracket — Choke Cable	37 1 1	71-6220	Clip — Wire	35 19 1
59-0580	Clamp — Wire, Alternator	23 3 1	71-6250	Guide — Valve, Exhaust	25 24 2
59-0590	Terminal — Stator Leads	31 18 2	71-6260	Guide — Valve, Intake	25 24 2
59-0720	Pin — Cotter	37 10 1	71-6290	Kit — Gasket Complete	25 57 1
59-0720	Pin — Cotter	34 14 1	71-6310	Pin — Piston	25 49 2
59-0730	Pin — Drive, Bearing Stop	25 26 4	71-6320	Camshaft	28 9 1
59-0740	Pin — Dowel, Governor	31 9 1	71-6340	Screw	27 8 6

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
71-6380	Control - Ignition	31 14 1	79-6470	Gasket - Oil Filter Adapter	30 1 1
71-6410	Insulator - Ignition, Module	31 15 1	79-6490	Gasket - Plate	32 14 1
71-6430	Nut - Hex. Flange Hd.	32 5 1	79-6510	Spacer - Stud	33 3 1
71-6440	Nut - Hex. Flange Hd.	32 4 1	79-6520	Spacer - Rubber	33 7 1
71-6460	Screw - Hex Washer Hd.	32 12 1	79-6580	Screw - Hex. Hd.	26 1 2
72-3860	Kit - Shaft, Choke	36 4 1	82-0020	Plate - Bearing, Rear	25 30 1
72-3870	Kit - Lever, Choke	36 5 1	82-0500	Adapter - Oil Filter	30 2 1
72-3880	Screw - Flange Hd.	37 2 1	82-0530	Clamp - Tube, Breather	25 12 1
72-3890	Screw - Hex. Hd.	34 17 1	82-0540	Tube - Breather	25 10 1
72-3890	Screw - Machine, Hex. Hd	37 8 1	82-0550	Cap & Valve - Breather	25 15 1
72-3900	Screw - Flange Hd.	37 5 1	82-0560	Screen - Tube, Breather	25 14 2
72-3900	Screw - Tapping Hex Hd.	34 1 1	82-0570	O-Ring - Cap, Breather	25 13 1
72-3930	Kit - Solenoid, Starter	26 9 1	82-0620	Guard - Stationary	23 18 1
72-3940	Assembly - Clutch, Starter	26 7 1	82-0650	Cover - Element	33 8 1
76-1420	Wheel - Steering	19 8 1	82-0680	Filter - Gasket Oil	30 8 1
78-0020	Hourmeter	44 51 1	82-0780	Kit - Repair	36 2 1
78-0030	Voltmeter	44 1 1	82-0850	Gasket - Carb. Mounting	36 9 2
78-0040	Gauge - Fuel	44 54 1	82-0850	Gasket - Carb/Manifold	35 11 1
78-0060	Tachometer	44 52 1	82-1000	Body - Terminal Conn. Kit	31 13 2
78-0080	Bracket - Mounting	44 2 2	82-1070	Fitting - Barbed	35 3 1
78-0090	Bracket - Mounting	44 53 1	82-1080	Clamp	33 21 1
78-0100	Bracket - Mounting	44 9 2	82-1080	Clamp - Hose	7 10 6
78-0370	Insert - Wheel, Steering	19 7 1	82-1080	Clamp - Hose 1/2 Dia.	35 2 2
78-1540	Bracket - Control, Lower	3 25 1	82-1090	Clamp - Hose .44 Dia.	35 2 1
78-1540	Bracket - Control, Lower	14 47 1	82-1120	Hose - Breather	35 1 1
78-1550	Crank - Bell	9 19 1	82-1130	Plug - Sq. Hd.	29 10 2
78-2680	Frame	20 9 1	82-1310	Washer - Flat	29 6 4
78-2880	Assembly - Shaft, Lower	19 1 1	82-1310	Washer - Lock	25 33 5
78-2900	Assembly - Tie Rod	18 19 2	82-1320	Washer - Flat	27 2 1
78-2920	End - Rod, Tie	18 17 1	82-1340	Washer - Flat	32 2 2
78-2990	Plate - Pivot, Seat	6 7 1	82-1340	Washer - Flat	25 55 2
78-3320	Bracket - Mounting	44 50 1	82-1350	Washer - Flat	35 13 6
78-5631	Bracket - Control	13 5 1	82-1360	Screw - Hex. Hd.	32 3 2
78-5640	Bar - Lift	8 5 1	82-1370	Screw - Hex. Hd.	25 56 2
78-5660	Lever - Motion Control	13 2 1	82-1370	Screw - Hex. Hd.	34 18 1
78-6020	Rod - Pivot	14 40 1	82-1480	Screw - Tapping Round Hd.	25 16 1
78-7740	Arm - Brake Pivot	12 18 1	82-1500	Screw - Machine, Hex Hd	31 20 3
78-8350	Decal - Indicator Lights	46 21 1	82-1510	Screw - Hex. Hd.	30 10 2
78-8500	Lever - Parking Brake	13 22 1	82-1540	Screw	42 23 1
79-0450	Lamp - .938 Long	44 10 4	82-1540	Screw - Hex. Washer Hd.	23 8 1
79-0670	Seat	6 1 1	82-1540	Screw - Hex. Washer Hd.	35 17 1
79-1350	Pedal - Brake	12 1 1	82-1550	Screw - Hex. Washer Hd.	33 9 2
79-2130	Board - Light Circuit	44 19 1	82-1560	Screw - Pan Hd.	29 1 1
79-2660	Gauge - Vacuum	44 11 1	82-1590	Screw - Pan Hd. Taptite	23 20 4
79-3180	Terminal - Ground	7 7 1	82-1600	Screw - Cap Hex Fl. Hd.	23 2 2
79-3630	Assembly - Wire Harness	44 49 1	82-1620	Washer - Lock	34 19 1
79-4020	Plate - Front	4 18 1	82-1660	Washer - Int. Tooth Lock	31 16 2
79-4890	Panel - LH	3 18 1	82-1670	Knob	33 5 1
79-4990	Bracket - Support, Fender	6 22 1	82-1700	Nut - Speed Type U	29 3 1
79-5020	Tube	15 29 1	82-1800	Standard	25 42 2
79-5120	Hoodstand	4 14 1	83-2720	Bolt - Lug	39 9 10
79-5130	Cover - Side, LH	4 16 1	83-2820	Spring	14 53 1
79-5220	Engine - 20HP Toro Power	22 8 1	83-6520	Rod - Lock	20 15 1
79-5270	Filter - Oil	15 24 1	86-9280	Tube - Hydraulic (Pressure)	8 21 1
79-6280	Head - Cylinder	25 39 2	88-2710	Support - Shaft, Steering	19 2 1
79-6330	Housing - Air Cleaner	33 11 1	88-2790	Decal - Danger	46 19 1
79-6340	Support - Air Cleaner	33 12 1	88-2790	Decal - Danger	10 23 1
79-6370	Arm - Governor Control	34 7 1	88-3200	Decal - Maintenance	46 17 1
79-6390	Bracket - Gov. Control	34 23 1	92-0270	Washer	3 10 4
79-6400	Bushing - Gov. Control	34 22 1	92-0900	Block - Cylinder (Short)	25 1 1
79-6420	Adapter - Governor Arm	34 10 1	92-0902	.010 Oversize	25 42 2
79-6440	Screen - Air Inlet	27 4 1	92-0903	.020 Oversize	25 42 2
79-6460	Bracket - Fill Tube	29 2 1	92-0904	.030 Oversize	25 42 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317-891

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-0905	Standard	25 50 2	321-3	Screw - Hex. Hd.	4 3 2
92-0906	.005 Oversize	25 50 2	321-4	Bolt	13 6 2
92-0907	.010 Oversize	25 50 2	321-4	Screw	8 10 1
92-0908	.020 Oversize	25 50 2	321-4	Screw - Hex. Hd.	42 4 2
92-0909	.030 Oversize	25 50 2	321-6	Bolt	14 42 1
92-0911	Sleeve - Bearing	28 10 1	321-8	Screw - Hex. Hd.	6 12 2
92-0912	Elbow - Street 45°	30 5 1	321-9	Screw - Hex. Hd.	13 17 1
92-0913	Nut - Wing	33 4 1	321-11	Bolt	8 31 2
92-0915	Screw - Machine Hex. Hd.	33 10 2	322-1	Screw - Hex. Hd.	18 20 1
92-0916	Screw - Shoulder	37 6 1	322-1	Screw - Hex. Hd.	3 21 2
92-0918	Manifold - Intake	35 14 1	322-2	Bolt	7 22 3
92-0920	Housing - Cylinder Air, LH	23 1 1	322-3	Bolt	14 46 2
92-0921	Housing - Cylinder Air, RH	23 12 1	322-3	Screw - Hex. Hd.	4 17 5
92-0967	Stator	31 19 1	322-3	Screw - Hex. Hd.	15 20 2
92-1527	Guard - Belt	5 2 1	322-3	Screw - Hex. Hd.	6 21 4
92-3129	Assembly - Shaft, Upper	19 3 1	322-3	Screw - Hex. Hd.	22 23 4
92-7293	Plate - Hoodstand, Top	4 8 1	322-3	Screw - Hex. Hd.	3 23 3
92-7295	Plate - Hoodstand, Rear	3 4 1	322-4	Screw - Hex. Hd.	6 2 6
92-7298	Case - Transaxle, RH	10 11 1	322-5	Screw - Hex. Hd.	5 7 2
92-8747	Decal - Attach-A-Matic	20 6 2	322-5	Screw - Hex. Hd.	6 25 4
92-8747	Decal - Attach-A-Matic	46 12 1	322-5	Screw - Hex. Hd.	9 17 1
92-8749	Decal - Unidrive	46 11 1	323-6	Bolt	38 1 2
92-8946	Decal - Danger	46 8 1	323-6	Screw - Hex. Hd.	18 15 2
92-8946	Decal - Danger	4 10 1	323-7	Screw - Hex. Hd.	22 10 4
92-9535	Nut	26 11 1	323-7	Screw - Hex. Hd.	40 8 1
92-9826	Decal - Front	2 2 1	323-8	Bolt	13 28 1
92-9826	Decal - Front Hood	46 5 1	323-8	Screw - Hex. Hd.	19 11 2
92-9827	Decal - Rear Fender	46 4 1	323-8	Screw - Hex. Hd.	22 19 4
92-9833	Decal - 520 Hydro	46 9 2	323-8	Screw - Hex. Hd.	14 38 1
92-9834	Decal - Hood LH	46 2 1	323-9	Bolt	12 20 1
92-9834	Decal - Hood LH	2 16 1	323-9	Bolt	13 27 1
92-9835	Decal - Hood RH	2 * 1	323-9	Screw - Hex. Hd.	11 24 1
92-9835	Decal - Hood RH	46 1 1	323-15	Bolt	11 9 2
92-9836	Plate - Wheel Horse Logo	46 20 1	323-23	Bolt	12 15 1
92-9836	Plate - Logo	2 1 1	323-25	Screw - Hex. Hd.	15 4 2
92-9838	Decal - Danger	3 13 1	323-25	Screw - Hex. Hd.	11 22 3
92-9838	Decal - Danger	46 16 1	323-26	Screw - Hex. Hd.	11 21 1
92-9844	Switch - Light	44 6 1	323-44	Screw - Hex. Hd.	20 11 6
92-9848	Pump & Motor Asm, Eaton	15 * 1	3217-5	Nut	13 10 2
93-1613	Latch - Front Hitch	20 18 1	3217-7	Nut	22 12 4
93-9802	Assembly - Wheel	18 4 2	3217-27	Nut - Hex.	44 4A/R
93-9810	Ring - Cam	17 17 1	3218-1	Nut - Jam	40 36 2
93-9811	Body Assembly	17 50 1	3218-3	Nut	10 3 2
93-9812	Body Assembly	17 * 1	3218-3	Nut	11 17 2
93-9814	Transaxle	10 * 1	3218-3	Nut - Jam	39 5 4
94-1802	Tube - Hydraulic (Return)	8 32 1	3219-3	Nut	18 18 1
94-1803	Deflector - Air	22 1 1	3220-1	Nut	13 8 3
94-1811	Engine - 20HP Toro Power	22 * 1	3229-25	Bolt - Carriage	2 11 4
94-1840	Cover - Air Cleaner	33 6 1	3229-25	Bolt - Carriage	40 33 2
94-1843	Kit - Float	36 + 1	3230-1	Bolt - Carriage	5 5 1
94-1844	Kit - Repair (Accelerator	36 + 1	3231-25	Bolt - Carriage	20 5 3
94-1845	Switch - Low Oil Pressure	42 12 1	3235-22	Bolt	12 16 1
94-1845	Switch - Low Oil Pressure	30 6 1	3235-22	Screw - Hex. Hd., Nylon	6 18 2
94-1846	Harness - Engine Wiring	42 27 1	3235-22	Screw - Hex. Hd., Nylon	7 25 1
94-1847	Kit - Carburetor	35 + 1	3242-2	Screw - Set	15*40 2
94-1848	Jet - High (Fixed Main)	36 + 1	3243-5	Screw - Set	10 2 2
237-69	O-Ring	19 4 1	3243-5	Screw - Set	39 6 4
281-10	Plug - Pipe	10 20 2	3243-5	Screw - Set	11 16 2
281-10	Plug - Pipe	15 27 3	3245-32	Screw - Set	12 4 1
288-4	Cap	22 15 1	3247-4	Setscrew - Socket Hd.	25 34 2
302-5	Fitting - Grease	12 26 1	3250-31	Screw (Optional)	44 29 4
302-5	Fitting - Grease, Straight	18 10 2	3253-2	Washer - Lock	31 10 3
321-3	Bolt	38 5 1	3253-3	Washer - Lock	42 2 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3253-3	Washer - Lock	40 11 2	3272-21	Pin - Cotter	19 10 1
3253-4	Washer - Lock	15 21 2	3290-378	Tie - Cable	42 * 7
3253-4	Washer - Lock	18 21 1	3290-378	Tie - Cable	9 4 2
3253-4	Washer - Lock	22 22 4	3296-4	Nut	14 50 1
3253-4	Washer - Lock	7 23 2	3296-6	Nut - Lock	18 16 4
3253-4	Washer - Lock	6 26 4	3296-27	Nut	44 32 4
3253-5	Nut - Hex. Washer Hd.	33 15 1	3296-29	Nut	14 48 2
3253-5	Washer	25 33 5	3296-29	Nut	8 14 1
3253-15	Washer - Lock	44 21 2	3296-29	Nut - Lock	5 1 8
3253-17	Washer - Lock	7 8 5	3296-29	Nut - Lock	6 4 10
3253-21	Washer - Lock	21 2 4	3296-29	Nut - Lock	4 5 1
3253-21	Washer - Lock	22 11 4	3296-29	Nut - Lock	9 14 1
3254-1	Washer - Lock	44 31 4	3296-29	Nut - Lock	3 16 11
3254-2	Washer - Internal Tooth	2 18 1	3296-39	Nut	10 8 3
3255-25	Washer - Lock	44 3 2	3296-39	Nut	12 9 1
3256-4	Washer	7 1 2	3296-39	Nut	12 21 1
3256-4	Washer	12 22 1	3296-39	Nut	13 32 2
3256-4	Washer	13 29 2	3296-39	Nut	22 13 4
3256-6	Washer	12 23 2	3296-39	Nut - Lock	20 4 9
3256-21	Washer - Flat	44 20 2	3296-39	Nut - Lock	9 10 1
3256-21	Washer - Lock	38 2 2	3296-39	Nut - Lock	18 13 2
3256-22	Washer	13 16 2	3296-39	Nut - Lock	40 14 1
3256-22	Washer	2 17 3	3296-39	Nut - Lock	19 16 2
3256-22	Washer - Flat	42 3 4	3296-39	Nut - Lock	15 23 4
3256-22	Washer - Flat	6 13 2	3296-42	Nut	8 2 2
3256-22	Washer - Flat	40 35 2	3296-42	Nut	13 7 4
3256-23	Washer - Flat	5 8 2	3296-42	Nut	8 12 1
3256-23	Washer - Flat	9 13 1	3296-42	Nut - Lock	42 1 5
3256-23	Washer - Flat	6 16 4	3296-42	Nut - Lock	6 8 2
3256-23	Washer - Flat	3 26 4	3296-42	Nut - Lock	2 15 4
3256-23	Washer - Flat	8 15 2	3296-45	Nut - Lock	15 17 1
3256-24	Washer	12 10 2	32103-22	Nut - Wing	42 5 2
3256-24	Washer - Flat	22 18 4	32115-5	Nut - Speed	3 2 12
3256-26	Washer - Flat	21 7 1	32120-47	Ring - Retaining	14 35 2
3256-26	Washer - Flat	15 16 1	32120-47	Ring - Retaining	9 7 1
3256-26	Washer - Flat	9 15 1	32120-47	Ring - Retaining	13 20 4
3256-27	Washer - Flat	40 28 1	32120-62	Ring - Snap, Internal	40 24 1
3256-30	Washer - Flat	9 2 3	32120-64	Ring - Retaining	15 30 1
3257-24	Key - Woodruff	15 14 1	32120-72	Ring - Snap, External	40 22 2
3272-1	Pin - Cotter	8 4 2	32120-93	Ring - Retaining	18 11 2
3272-1	Pin - Cotter	2 14 2	32121-111	Pin - Spirol	19 9 1
3272-6	Pin - Cotter	12 24 2	32128-33	Nut - Lock, Flange Hd.	3 6 2
3272-10	Pin - Cotter	40 6 3	32136-5	Nut - Slotted	19 12 1
3272-11	Pin - Cotter	12 8 2	32146-17	Nut	13 15 1
3272-11	Pin - Cotter	8 22 1	32151-11	Ring - Retaining	40 2 1
3272-17	Pin - Cotter	18 2 2	32312-94	Pin - Spirol	14 37 1
3272-19	Pin - Cotter	19 17 1			

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The 520 He. has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the 520He, 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 520 He.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

TABLE OF CONTENTS

Description	Page	Description	Page
Hood Assembly	2	Starter	26
Dash and Side Panels Assembly	3	Blower Screen and Ring	27
Hoodstand Assembly	4	Camshaft & Crankshaft	28
Belt Guard and Footrest Assembly	5	Oil Fill Tube, Bracket & Base	29
Seat, Fender And Fender Supports	6	Oil Filter and Low Oil Pressure Cut—Off Switch	30
Fuel Tank And Fuel Pump	7	Gearcase & Ignition Controls	31
Hydraulic Control System	8	Ignition — Electronic	32
Hydrostatic Lift Linkage	9	Air Cleaner	33
Transaxle	10	Governor	34
Clutch, Brake & Speed Control Linkage	12	Intake Manifold	35
Clutch, Brake Motion Control Linkage	13	Carburetor Assembly	36
Hydrostatic Transmission	15	Choke Control (Front Pull)	37
Eaton Hydrostatic Transmission #1100—062	16	Drive Belt and Pulleys	38
Front Axle And Wheel Assembly	18	Rear Wheel and Tires	39
Steering Gear Assembly	19	PTO Control & Clutch	40
Front & Side Hitch Assembly	20	Wiring Diagram	41
Rear Hitch Assembly	21	Battery & Headlights Assembly	42
Engine and Exhaust	22	Electrical System	44
Blower Housing	23	Decals	46
Engine Cylinder Block	24	Numerical Parts Index	47

Optional Equipment

Description	Model / Part No.	Description	Model / Part No.
36" Rear Discharge Deck — Low Cut	78300	36" Tiller	79370
42" Side Discharge Deck — Low Cut	78346	Chrome Rear Hubcap w/logo	114428
48" Side Discharge Deck	78360	Tube Rear	109546
Rear Wheel Weights	81115	Tube Rear Cleat	100291
42" Rear Discharge Deck — Low Cut	78351	Tire Rear Cleat	7607
Rear Wheel Weights (Flush)	81117	Tube Front	100079
48" Dozer Blade	79350	Cleated Tire Wheel Asm LH	110933
Front Wheel Weights	81214	Cleated Tire Wheel Asm RH	110934
50" Grader Blade	79351	Wheel Rear Cleat	110677
Tire Chains	82522		
42" Single Stage Snowthrower	79360		
Clevis Hitch	85518		
44" Two Stage Snowthrower	79361		
*Auxiliary Fuel Tank	83300	Kits	
Vacuum/Blower (42" & 48" S.D. Mower Only)	79301	Front Weight	81125
Chrome Front Hubcap w/logo	114427	Recycler (42" R.D. Deck Only)	86001
		Dual Wheel	80732.D.
		Mower Only)	0701MC

* CAN NOT BE USED WITH CLEVIS HITCH OR REAR BAGGER
