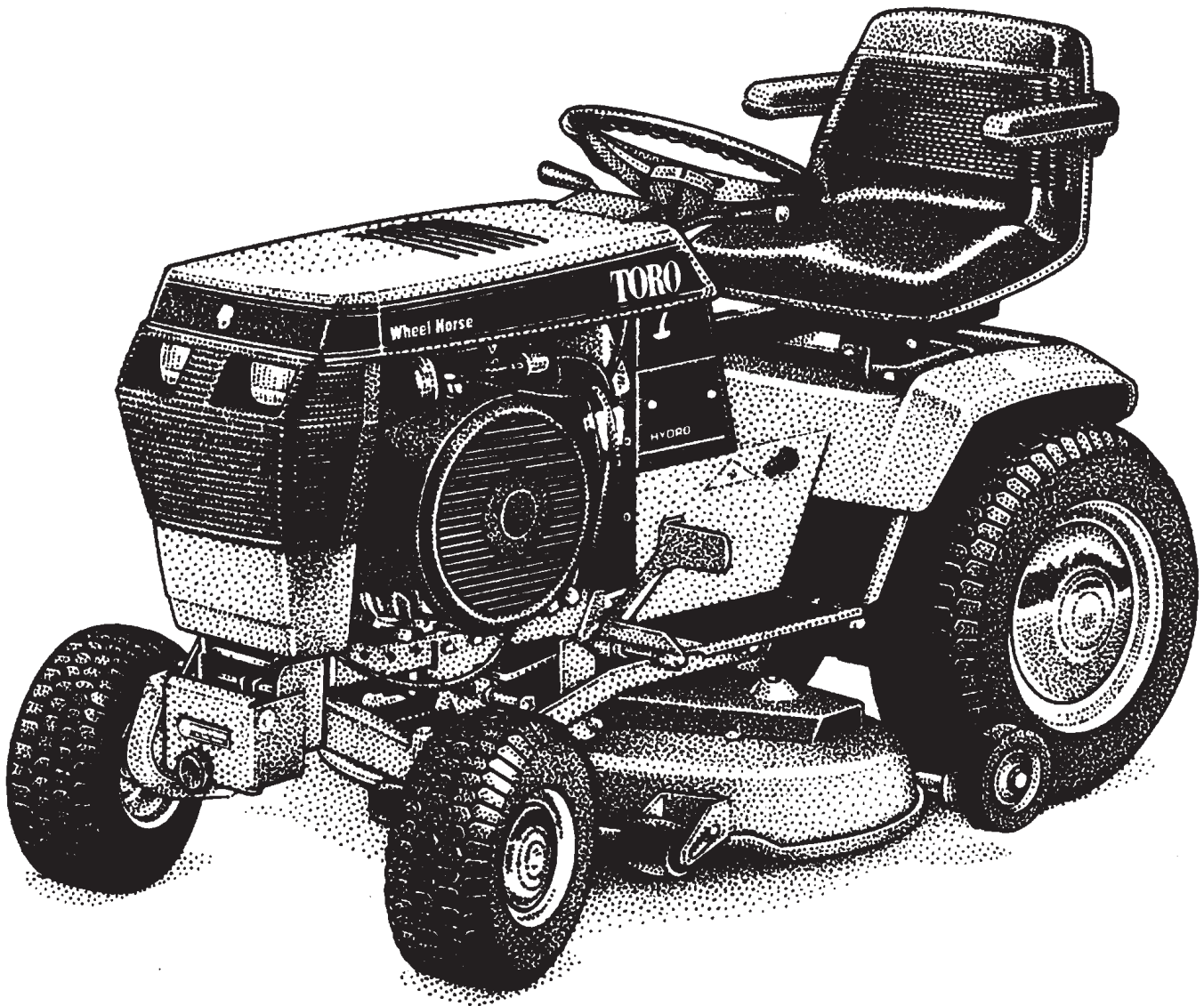
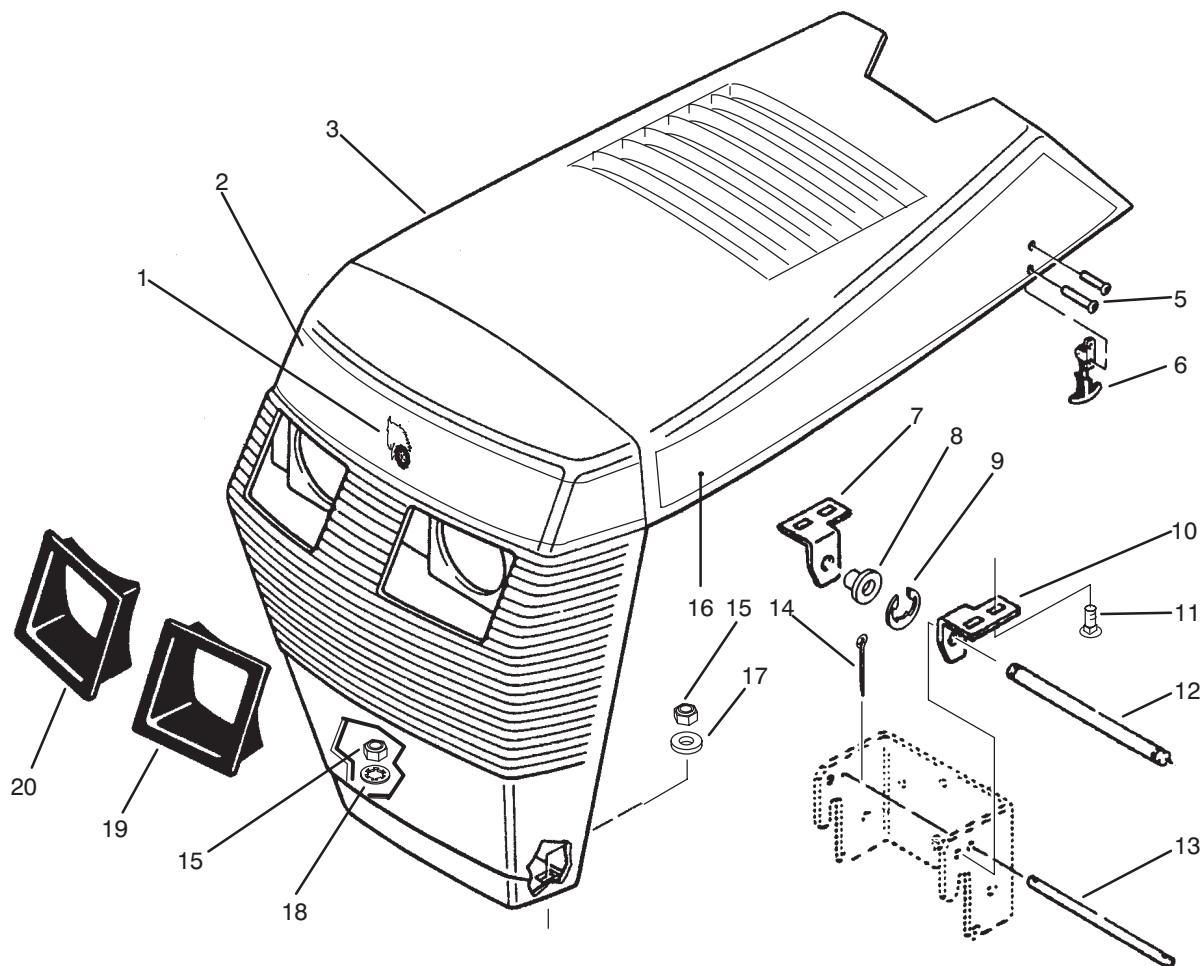


TORO®

MODEL NO. 73501 4900001 & UP

**PARTS
CATALOG****WHEEL HORSE®**
520-H GARDEN TRACTOR



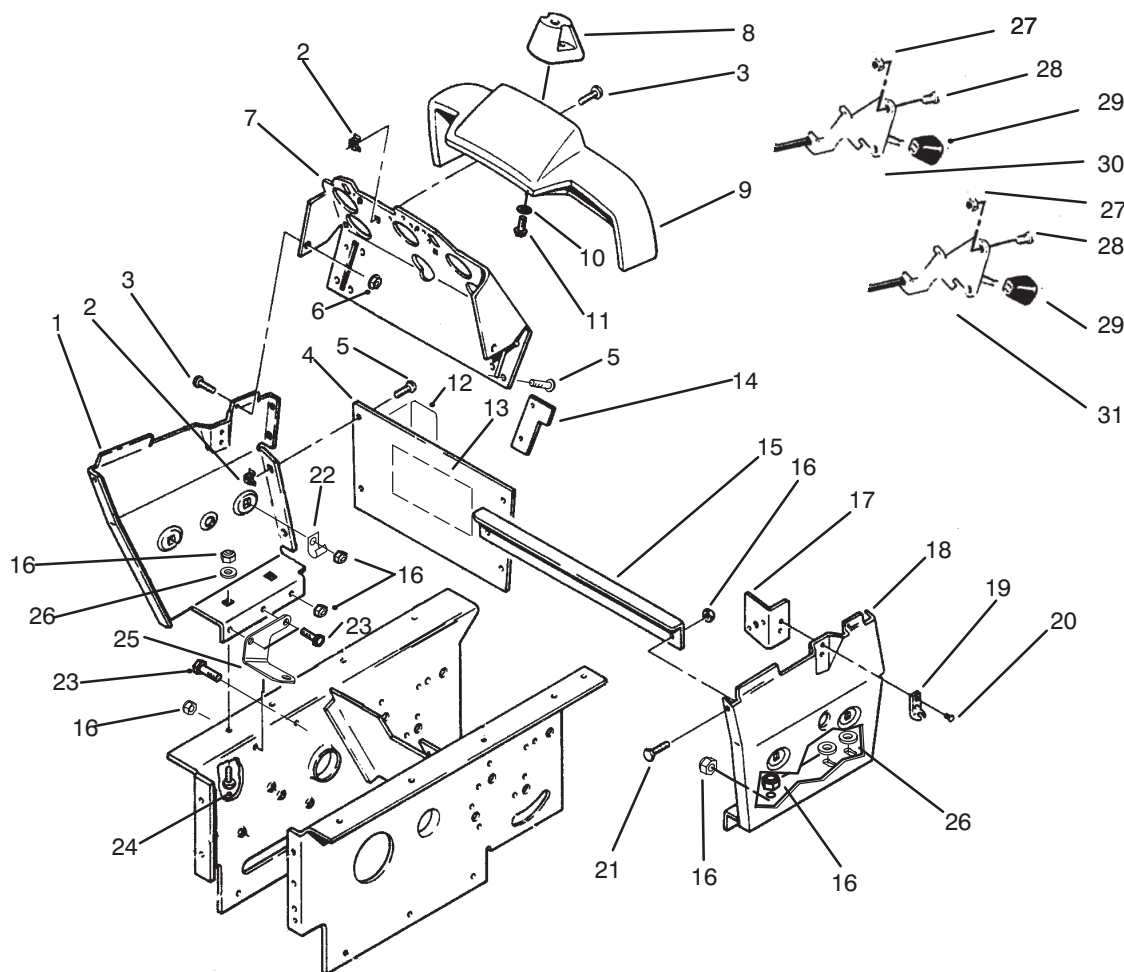
C-2042

HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-9836	Plate - Logo	1
2	92-9826	Decal - Front	1
3	114709	Assembly - 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	910839	Screw	6	18	79-4890	Panel – LH	1
4	92-7295	Plate – Hoodstand, Rear (Incl. Ref. #13)	1	19	117343	Keeper – Latch	2
5	910837	Screw – Black	8	20	117433	Rivet – RS Pop	4
6	32128-33	Nut – Lock, Flange Hd.	2	21	322-1	Screw – Cap Hex. Hd.	2
7	117267	Panel – Dash	1	22	8830	"J"Clip	1
8	118410	Cover – Steering	1	23	322-3	Screw – Cap Hex. Hd.	3
9	115620	Cover – Console, 5-Gage	1	24	900036	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

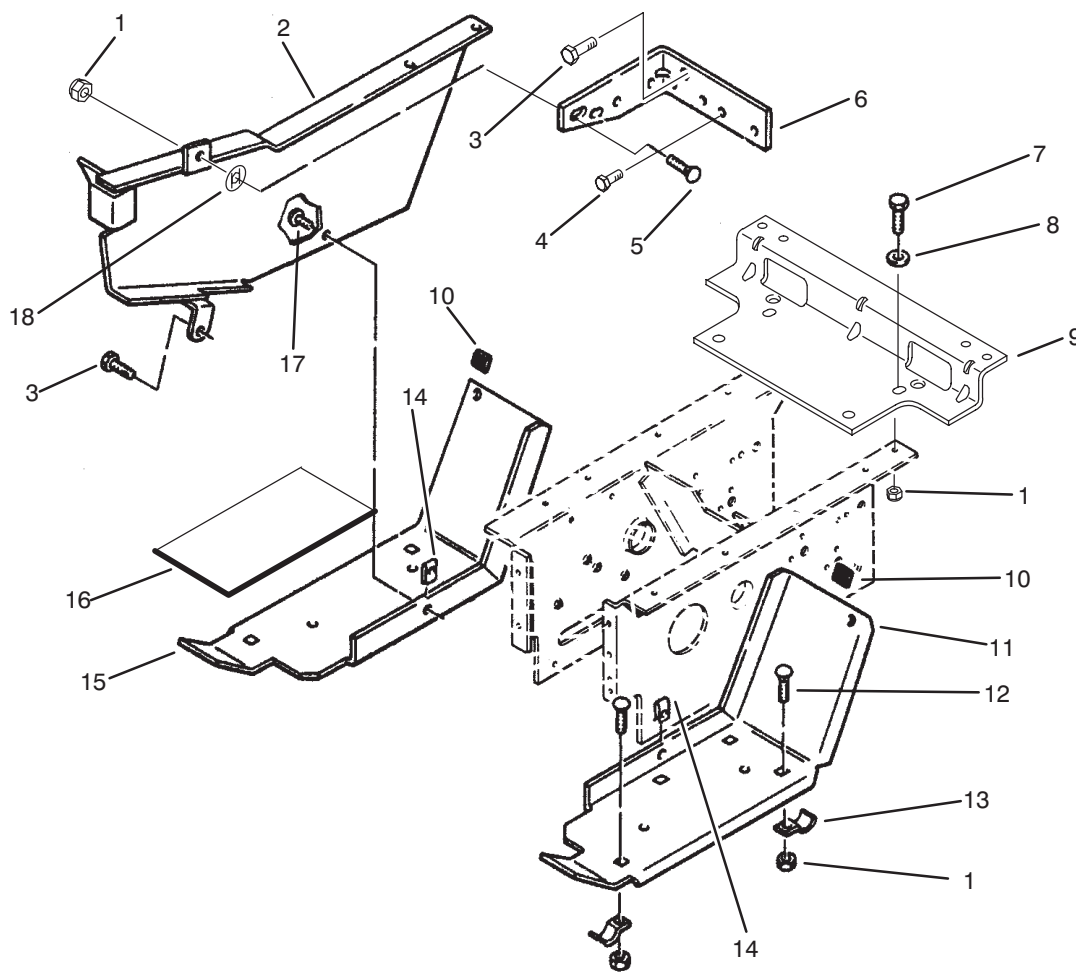


C-2044

HOODSTAND ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	116000	Bolt – Carriage	4
2	108457	Nut – Push On	1
3	321-3	Screw – Cap 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

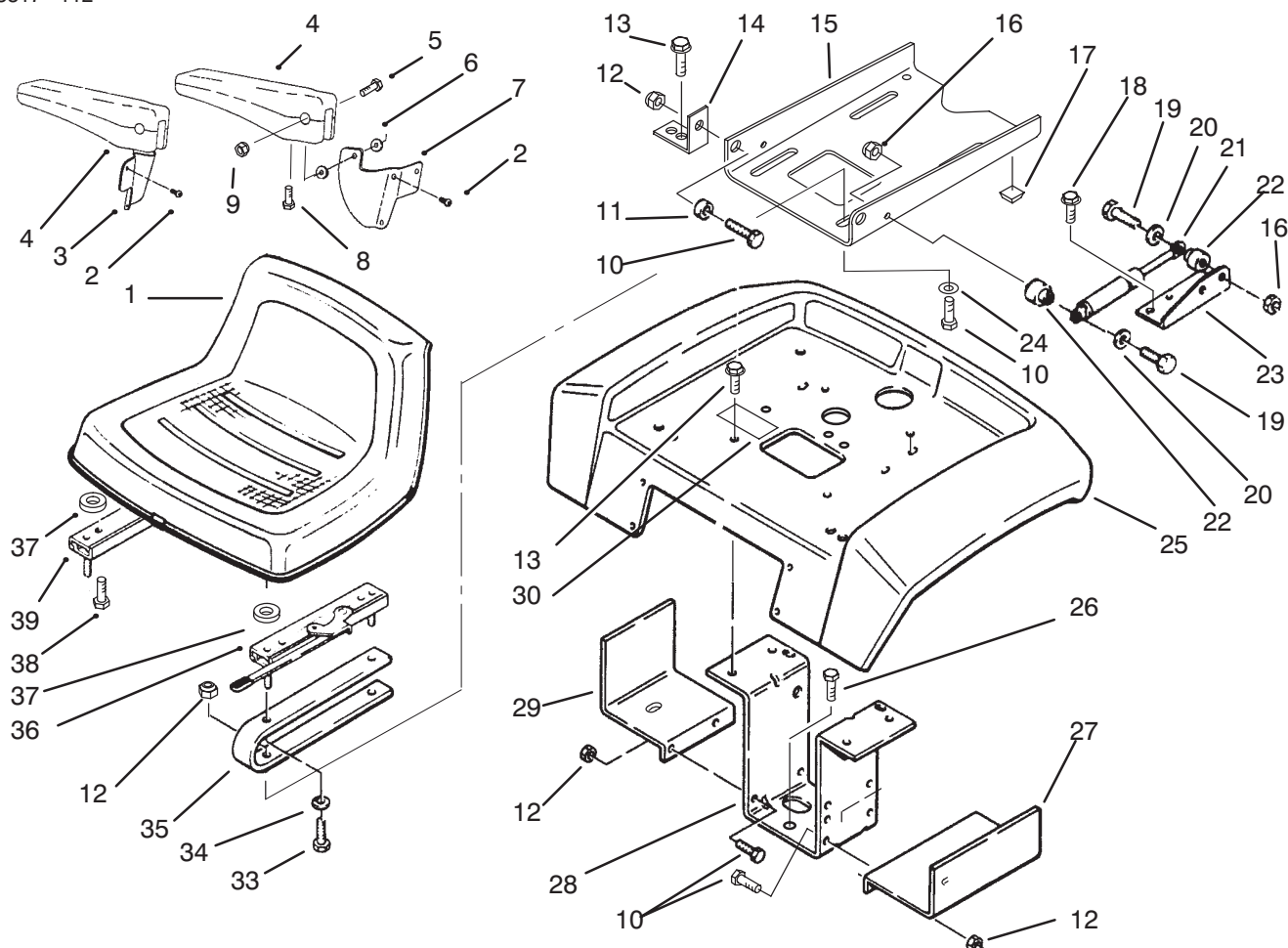
Ref. No.	Part No.	Description	No. Used
10	92-8946	Decal – Danger	1
11	910839	Screw	2
12	116445	Decal – Brake, Parking	1
13	926694	Screw – Cap Hex. Hd.	14
14	79-5120	Hoodstand	1
15	107069	Nut – Speed	5
16	79-5130	Cover – Side, LH	1
17	322-3	Screw – Cap Hex. Hd.	5
18	79-4020	Plate – Front	1
19	8830	"J"Clip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



C-2046

BELT GUARD AND FOOTREST ASSEMBLY

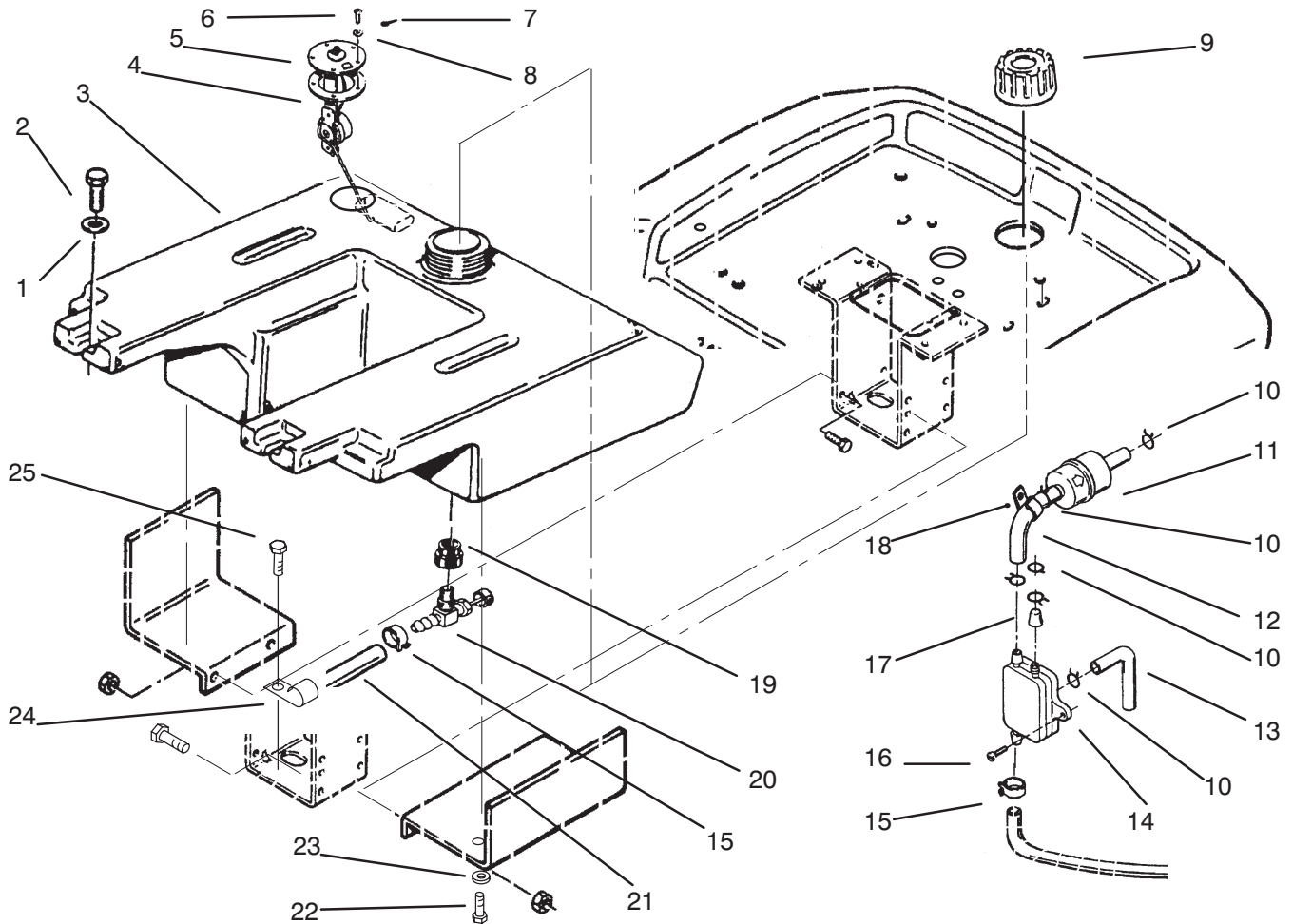
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-29	Nut – Lock	8	10	518211	Bumper	2
2	92-1527	Guard W.A. – Belt	1	11	106223	Footrest – LH	1
3	926694	Bolt	2	12	116000	Bolt – Carriage	4
4	926671	Screw – Cap Hex. Hd.	1	13	7456	Bracket	4
5	3230-1	Bolt – Carriage	1	14	107069	Clip	2
6	109554	Bracket – Support, Guard	1	15	106222	Footrest – RH	1
7	322-5	Screw – Cap 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



SEAT, FENDER AND FENDER SUPPORTS

Ref. No.	Part No.	Description	No. Used
1	88-3220	Seat	1
2	92-0992	Screw	6
3	92-0987	Bracket - Arm R.H.	1
4	92-0988	Rest - Arm	2
5	92-0989	Screw	2
6	92-0993	Spacer - Nylon	4
7	92-0986	Bracket - Arm L.H.	1
8	92-0990	Screw	2
9	92-0991	Nut - Acorn Lock	2
10	322-4	Bolt	2
11	105503	Bushing	2
12	3296-29	Nut - Lock	2
13	9266944	Screw - Hex. Hd.	4
14	105524	Bracket - Pivot	2
15	78-2990	Plate - Seat Pivot	1
16	3296-42	Nut - Lock	2
17	111071	Bumper	2
18	9266944	Bolt - Flange	2
19	321-8	Bolt	2
20	3256-22	Washer	2

Ref. No.	Part No.	Description	No. Used
21	114343	Spring - Gas	1
22	114344	Spacer	2
23	114345	Bracket - Gas Spring	1
24	3256-23	Washer	4
25	110960	Fender	1
26	322-3	Screw - Cap Hex. Hd.	4
27	108464	Support - LH, Fuel Tank	1
28	79-4990	Bracket - Support, Fender	1
29	106236	Support - RH, Fuel Tank	1
30	116446	Decal - Do Not Tow	1
33	322-5	Screw - Cap Hex. Hd.	4
34	3253-4	Washer - Lock	4
35	114263	Spring - Seat	2
36	114264	Adjuster - LH (With Latch)	1
37	109989	Spacer - Nylon	4
38	9108652	Screw	4
39	114265	Slide - RH	1
*	88-3230	Kit - Armrest (Incl. Ref. # 2-9)	1



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	NN10506	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

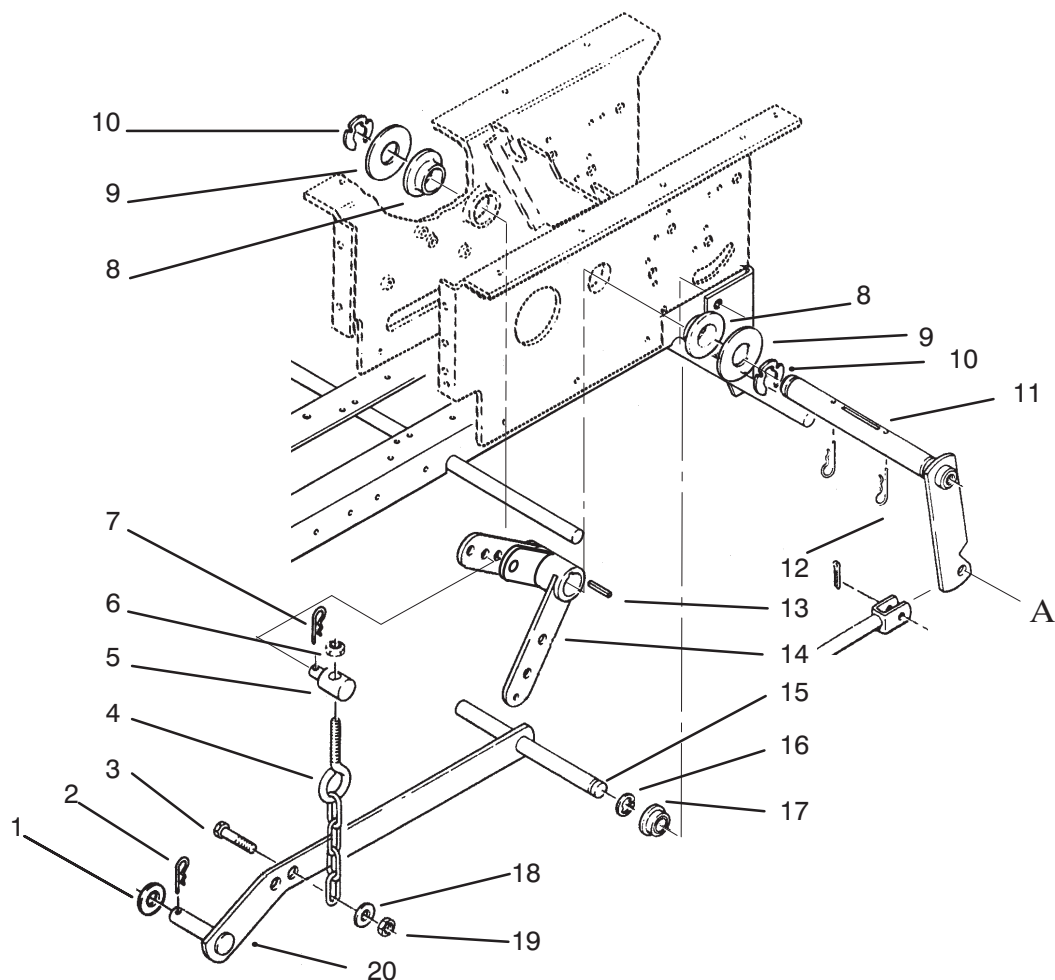
HYDRAULIC CONTROL SYSTEM

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	86–9290	Tube – Hydraulic (Return)	1
33	108365	Fitting – 90° (Incl. Ref. #20)	2
*	109081	Kit – Service, Valve Repair	1
*	100571	Tie – Cable	1

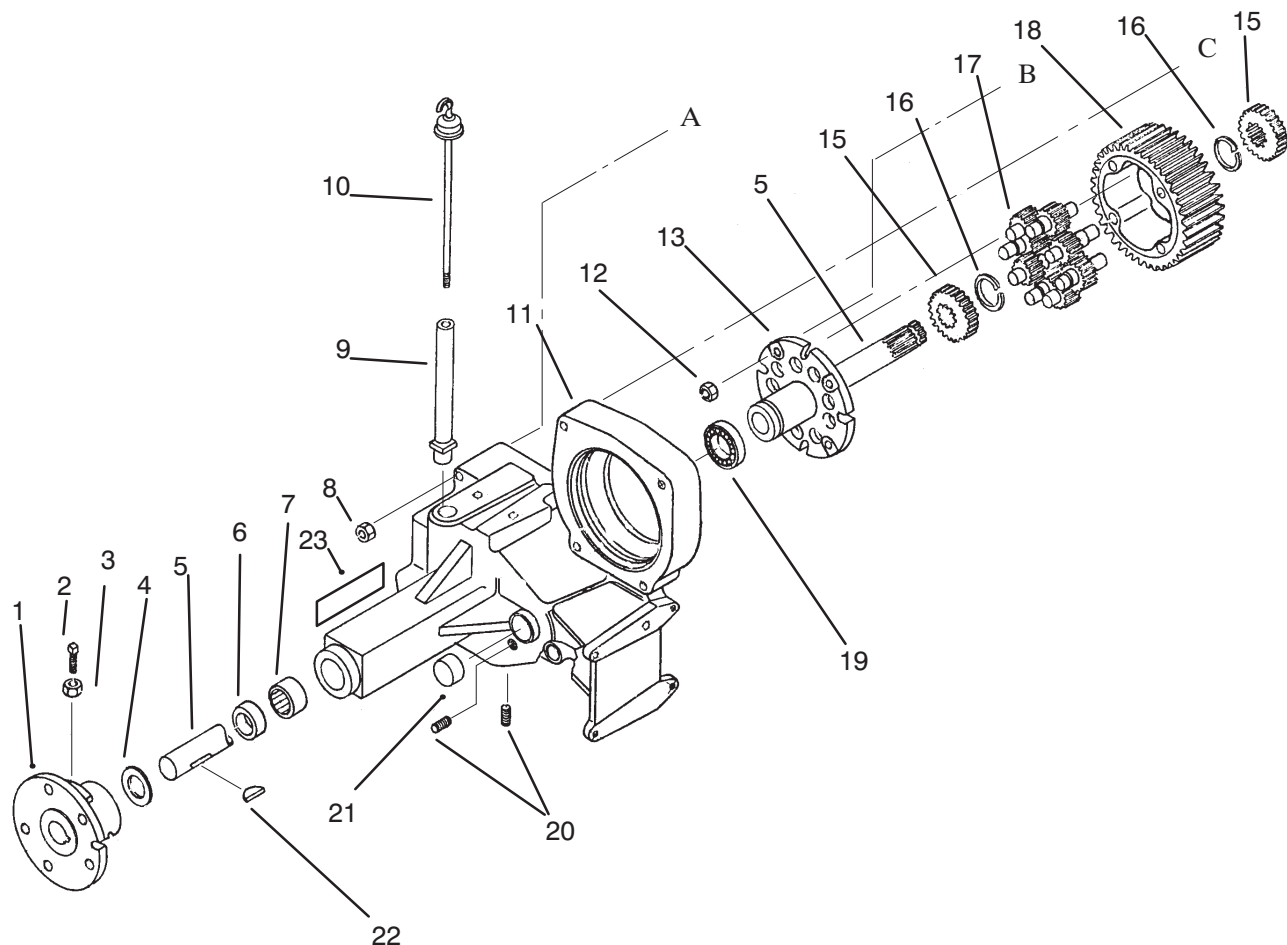
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Note : In Illustration Center lines A Continue on next page



HYDROSTATIC LIFT LINKAGE

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3256-26	Washer	1	11	121100	Lever - Lift	1
2	9335054	Pin - Cotter	1	12	9335074	Pin - Cotter	2
3	322-5	Bolt	1	13	1121	Key - Sq.	1
4	106522	Chain - Lift	1	14	79-5700	Bellcrank	1
5	79-5720	Trunnion	1	15	102374	Pin - Pivot	1
6	3296-39	Nut	1	16	32120-47	Ring - Retaining	1
7	9335054	Pin - Cotter	1	17	6229	Bearing	1
8	106269	Bearing - Flanged	2	18	3256-23	Washer	1
9	3256-62	Washer	3	19	3296-29	Nut	1
10	32151-91	Ring - Retainer	2	20	120400	Bar - Lift	1



TRANSAXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	105763	Hub — Rear	1
2	3243-5	Screw — Set	2
3	3218-3	Nut	2
4	106826	Washer — Thrust	1
5	108362	Axle — Rear, RH Long 13-1/8 in./33 cm	1
6	6449	Axle — Seal	1
7	9416	Bearing — Needle	1
8	3296-39	Nut	3
9	106448	Tube — Filler	1
10	110768	Dipstick	1
11	92-7298	Case — Transaxle, RH (Incl. Ref.#23)	1
12	108881	Nut	4

Ref. No.	Part No.	Description	No. Used
13	111196	Cap — Differential End	1
15	101889	Gear — Differential Axle 24 Tooth	2
16	105876	Ring — Retaining	2
17	101623	Gear — Differential Pinion 11 Tooth	8
18	105061	Gear — Differential Ring 43 Tooth	1
19	111199	Bearing — Ball	1
20	281-10	Plug — Pipe	2
21	1532	Bearing — Needle	2
22	937108	Key — Woodruff	1
*	92-7297	Transaxle (Incl.. Ref. #23)	1
23	88-2790	Decal — Danger	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 10—1/8 in./26 cm	1	18	105763	Hub — Rear	1
2	111196	Cap — Differential End	1	19	108357	Seal — Oil	1
3	111199	Bearing — Ball	1	20	1538	Bearing — Needle	1
4	107374	Washer — Special	4	21	323—26	Screw — Hex. Hd.	1
5	911423	Bolt	4	22	323—25	Screw — Hex. Hd.	3
6	9080356	Bolt	1	23	109367	Bracket — Brake	1
7	111201	Case — Transaxle, LH	1	24	323—9	Screw — Hex. Hd.	1
8	108312	Gasket — Case	1	25	7956	Washer — Thrust	1
9	323—15	Bolt	2	26	109370	Shaft	1
10	9080406	Bolt	1	27	937099	Key — Woodruff	1
11	9416	Bearing — Needle	1	28	108363	Pin — Dowel	2
12	6449	Axle — Seal	1	29	109752	Gear 46 Tooth	1
14	937108	Key — Woodruff	1	30	109742	Gear 20 Tooth	1
15	106826	Washer — Thrust	1	31	1532	Bearing — Needle	2
16	3243—5	Screw — Set	2	32	1518	Bearing — Needle	1
17	3218—3	Nut	2	33	9547	Washer — Thrust	1
				34	109703	Gear	1

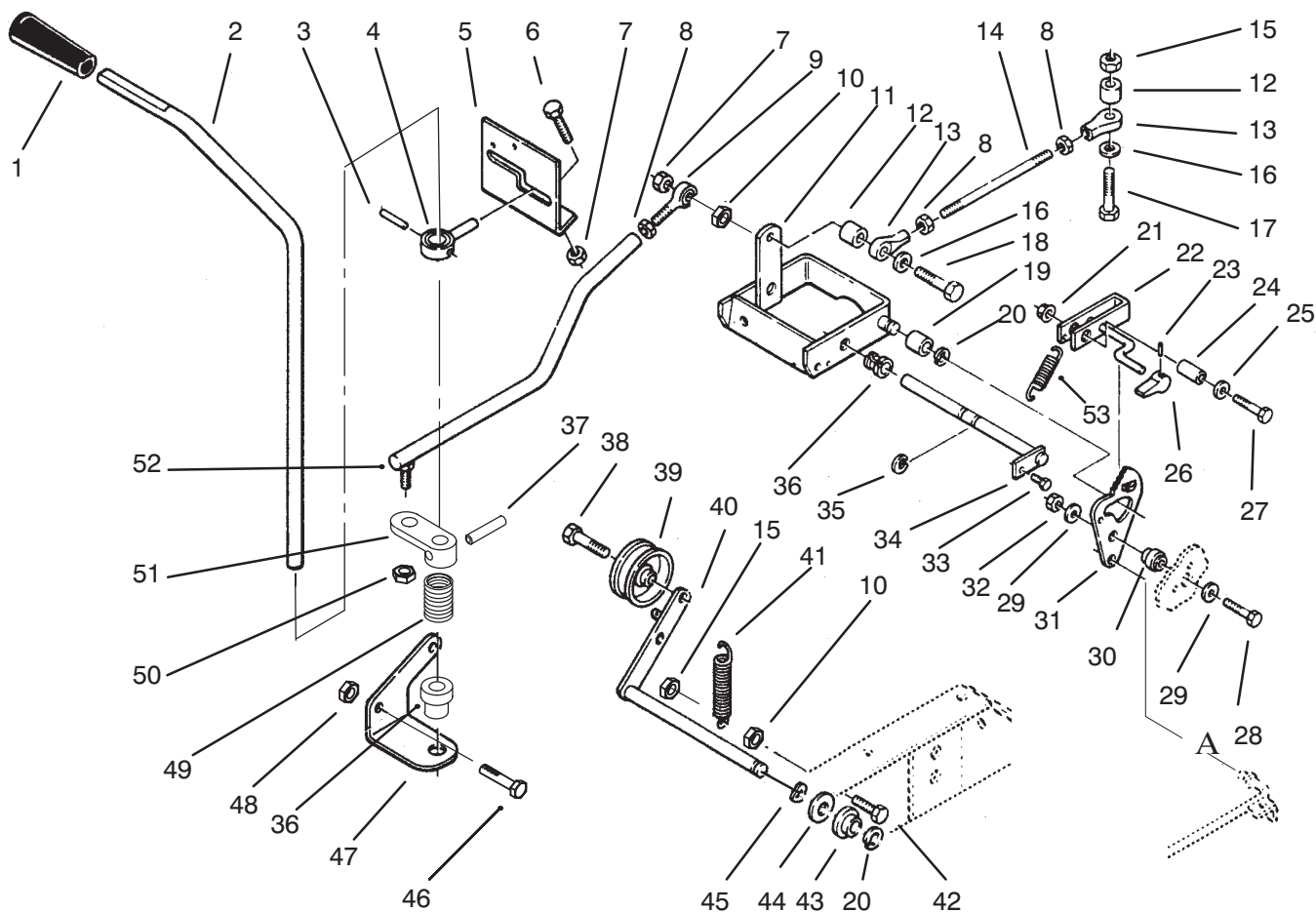


CLUTCH, BRAKE AND SPEED CONTROL LINKAGE

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	933504	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 9" Long	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 – Parking Brake Lever	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

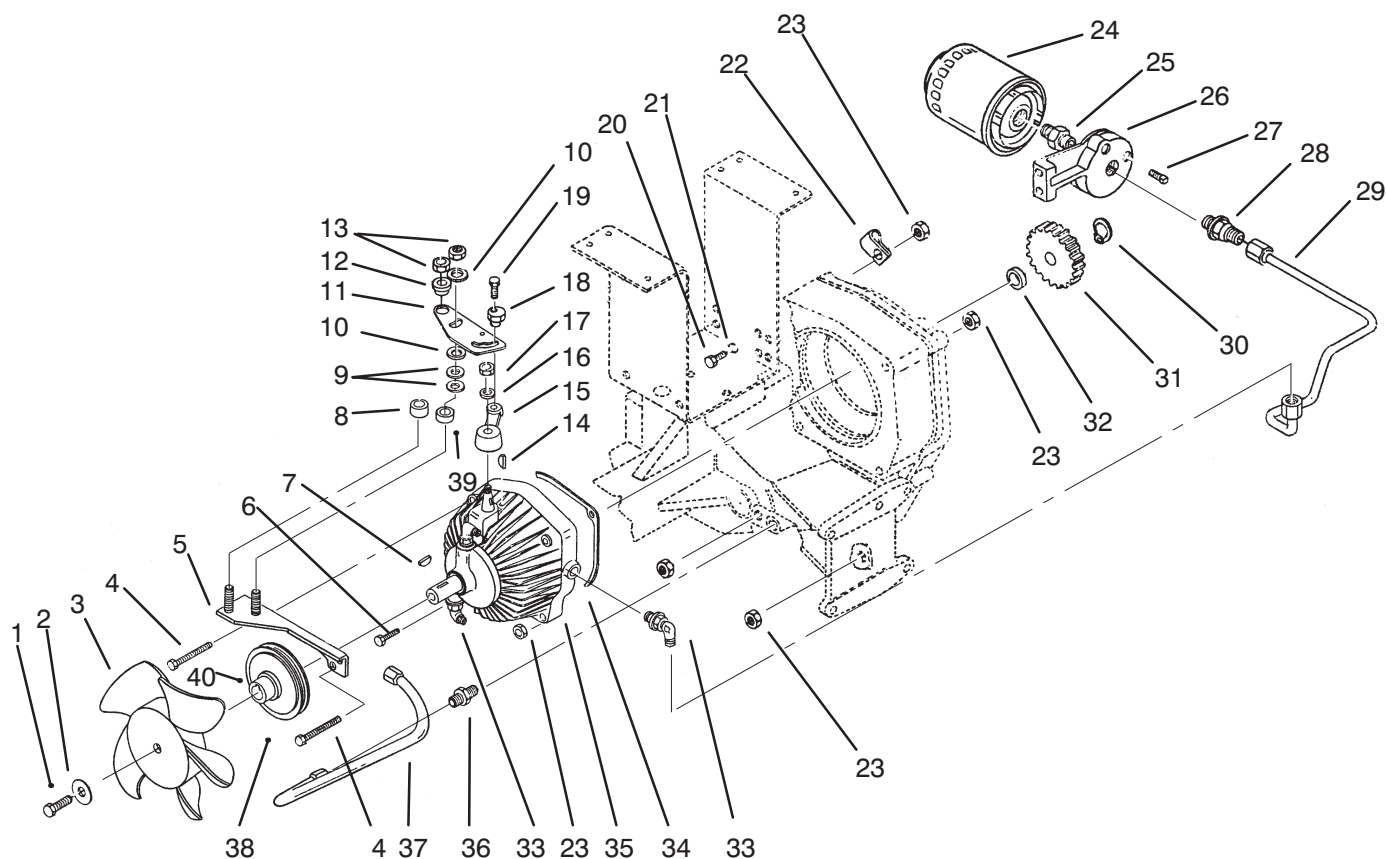


CLUTCH, BRAKE AND MOTION CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
33	926694	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	101938	Spring	1
50	3296-4	Nut	1
51	116321	Arm – Control	1
52	116324	Rod Assembly	1
53	83-2820	Spring	1

* Not Illustrated



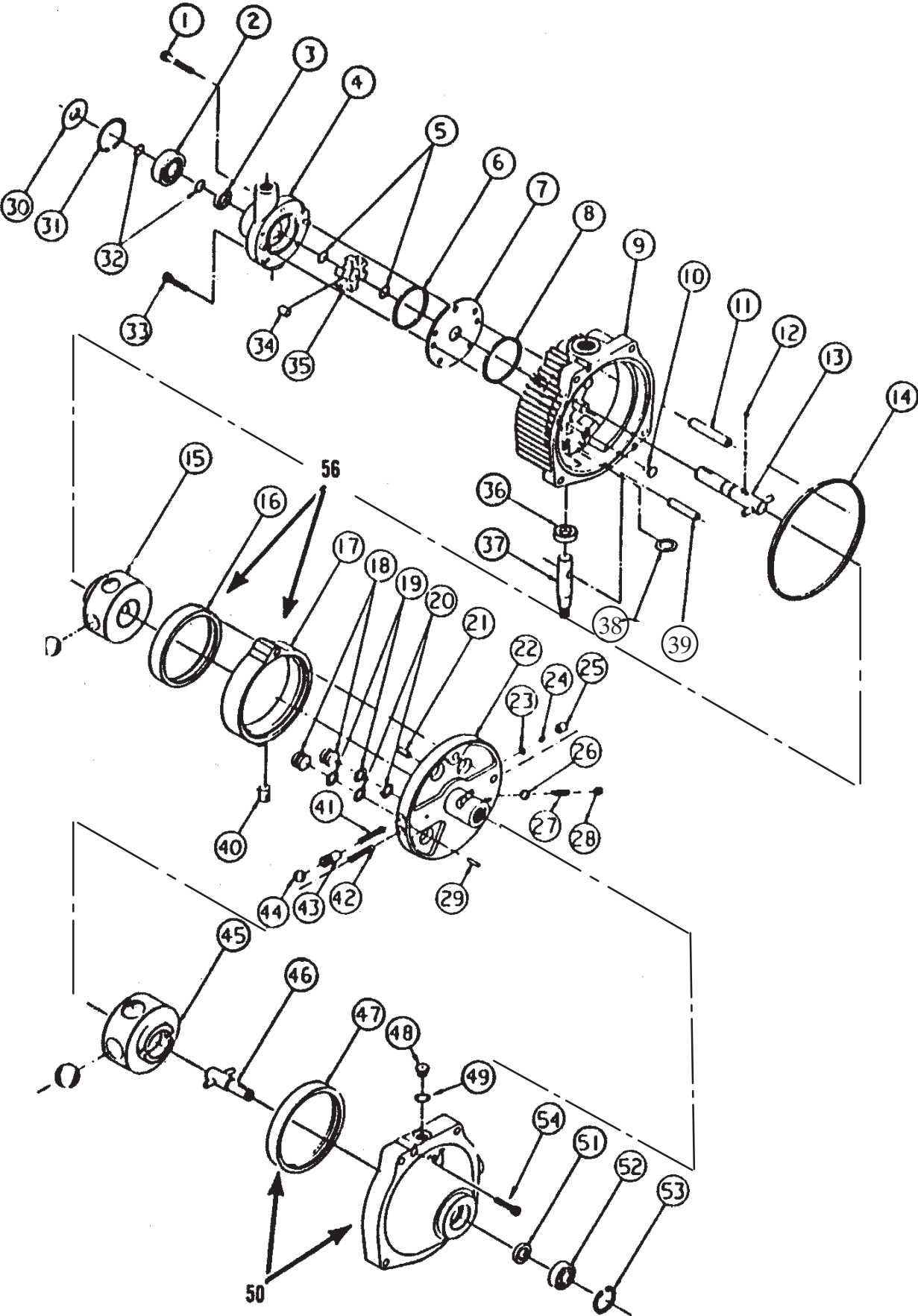
HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	9080026	Bolt	1
2	103995	Washer — Special	1
3	108393	Fan	1
4	323-25	Screw — Cap Hex. Hd.	2
5	108329	Assembly — Plate, Control	1
6	9080406	Screw — Cap 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 — Cap Hex. Hd.	1
20	322-3	Screw — Cap Hex. Hd.	2
21	3253-4	Washer — Lock	2

Ref. No.	Part No.	Description	No. Used
22	8830	"J"Clip	1
23	3296-39	Nut — Lock	4
24	79-5270	Filter — Oil	1
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 — Filter to Pump	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	Assembly — Pump & Motor	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

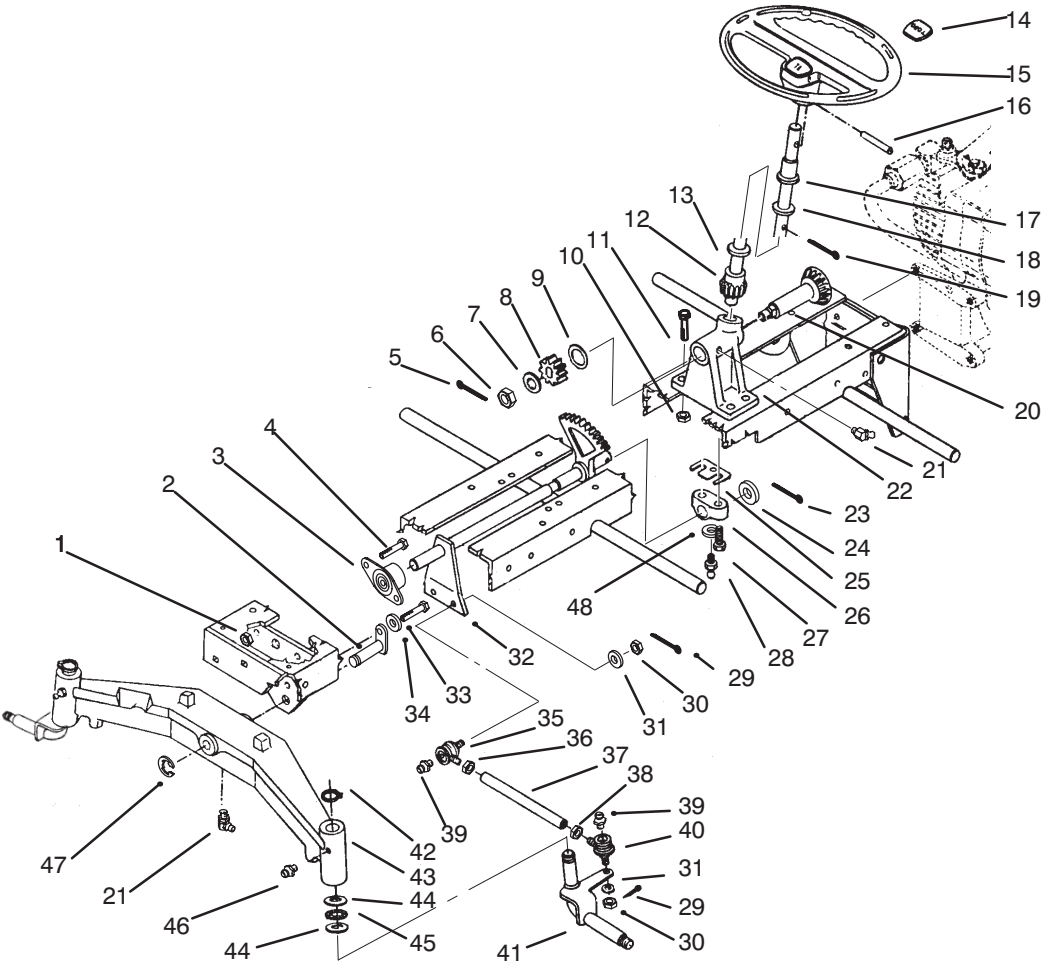
HYDRAULIC PUMP AND MOTOR



HYDRAULIC PUMP AND MOTOR

Ref. No.	Part No.	Description	No. Used
1	112635	Screw	1
2	112636	Bearing – Input	1
3	112604	Seal	2
4	112637	Housing – Pump Assembly (Incl. Ref. # 2)	1
5	112654	Ring – Retaining	2
6	112638	Ring – Seal	1
7	112639	Plate	1
8	112640	Ring – Seal	1
9	112641	Cover Assembly (Incl. Ref. #3, 6, 8,10, 11, 19, 20, 36–39, & 51)	1
10	112595	Button	2
11		Pin – Pivot	1
12	112642	Pin	1
13	112643	Shaft – Input	1
14	112644	Ring – Seal	1
15	112645	Rotor – Pump	1
16	113136	Race – Pump	1
17		Ring – Cam	1
18	113041	Piston	2
19		Ring – Back Up	2
20		"O"Ring	2
21	112608	Pin – Coil	1
22	112646	Pintle Assembly (Incl. Ref. #21, 23–29 & 41–44)	1
23	112611	Ring – Retaining	2
24	112610	Ball	2
25	112647	Body – Check Valve	2
26	112648	Ball	1
27	112649	Spring – Relief Valve	1
28	112650	Plug – Relief Valve	1

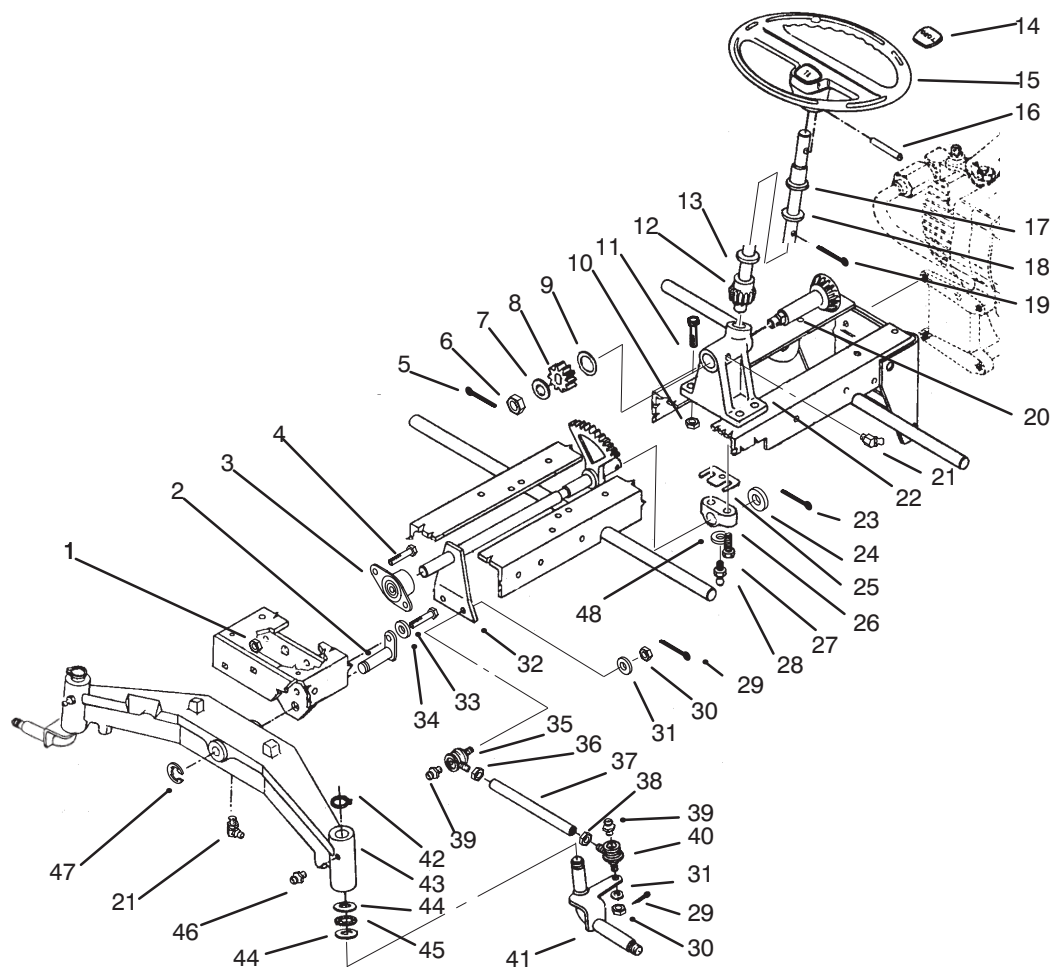
Ref. No.	Part No.	Description	No. Used
29	112651	Pin	1
30	112652	Shield	1
31	112653	Ring – Retaining	1
32	112654	Ring – Retaining	2
33	112616	Screw	4
34	112656	Roller	6
35	112657	Carrier	1
36	112658	Seal	1
37	112659	Kit – Control Shaft	1
38		Washer	1
39		Dowel	1
40	112660	Insert – Cam Ring	1
41	112661	Spring – Acc. Valve	1
42	112661	Spring – Acc. Valve	1
43	112662	Body – Acc. Valve	2
44	112663	Ball	2
45	112664	Rotor – Motor	1
46	112665	Shaft – Output	1
47	113137	Race – Motor	1
48	112613	Plug – "O"Ring (incl. Ref. #49)	1
49	112614	"O"Ring	1
50	112669	Body Assembly (Incl. Ref. #51, 53 & 54)	1
51		Seal	1
52	112666	Bearing – Output	1
53	112600	Ring – Retaining	2
54	112616	Screw	2
55	112667	Kit – Seal, Overhaul (Incl. Ref. # 3, 6, 8, 14, 19, 20, 36, 49 & 51)	1
56	112668	Ring – Cam	1



FRONT AXLE AND STEERING

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-39	Nut	2	15	76-1420	Steering Wheel (Incl. Ref. #14)	1
2	6216	Pin & Plate	1	16	32121-111	Pin - Spirol	1
3	6472	Bearing - Flanged	1	17	109189	Flange - Bearing	1
4	323-6	Bolt	2	18	5210	Washer - Shim	6
5	3272-11	Pin - Cotter	1	19	3272-21	Pin - Cotter	1
6	915032	Nut	1	20	78-1450	Shaft	1
7	3256-26	Washer	1	21	1481	Fitting - Grease, 45°	2
8	78-1481	Pinion	1	22	78-1411	Support - Steering	1
9	9202624	Washer	1	23	3272-22	Pin - Cotter	1
10	3296-39	Nut	4	24	9202164	Washer	1
11	323-9	Bolt	6	25	78-1531	Shim 0.010	3
12	92-0995	Shaft - Upper Steering	1	26	88-3240	Block - Bearing	1
13	237-69	"O"Ring	1	27	9080376	Bolt	2
14	78-0370	Insert - Logo	1				

*Not ILLUSTRATED



FRONT AXLE AND STEERING (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
28	302-16	Fitting - Grease	1	39	302-5	Fitting - Grease	4
29	3272-7	Pin - Cotter	4	40	112771	Tie Rod End - Thread LH (Incl. Ref. #30)	2
30	915031	Nut	4	41	112764	Spindle - Front, RH	1
31	920242	Spacer	4	*	112765	Spindle - Front, LH	1
32	78-1490	Shaft - Lower Steering	1	42	32151-29	Ring - Retaining	2
33	322-1	Bolt	1	43	116823	Axle - Front	1
34	3253-4	Washer - Lock	1	44	9548	Washer - Thrust	4
35	112772	Tie Rod End - Thread RH (Incl. Ref. #30)	2	45	9865	Bearing - Thrust	2
36	3220-11	Nut	2	46	302-5	Fitting - Grease, Straight	2
37	112773	Tube	2	47	5618	Ring - Retaining	1
38	112775	Nut - Thread LH	2	48	3254-8	Washer - Lock	1

*Not ILLUSTRATED

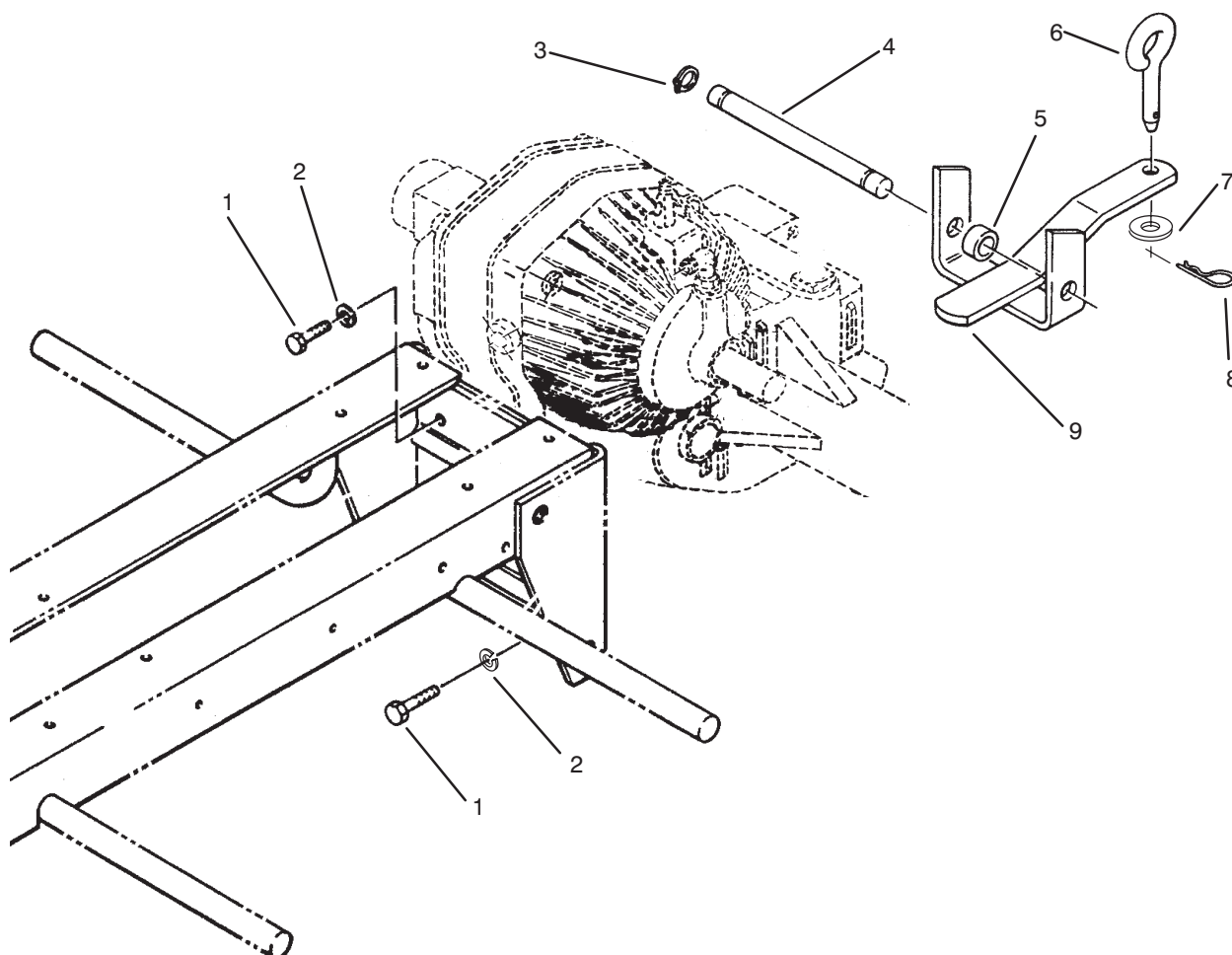


C-2056

FRONT & MID 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 – Cap 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



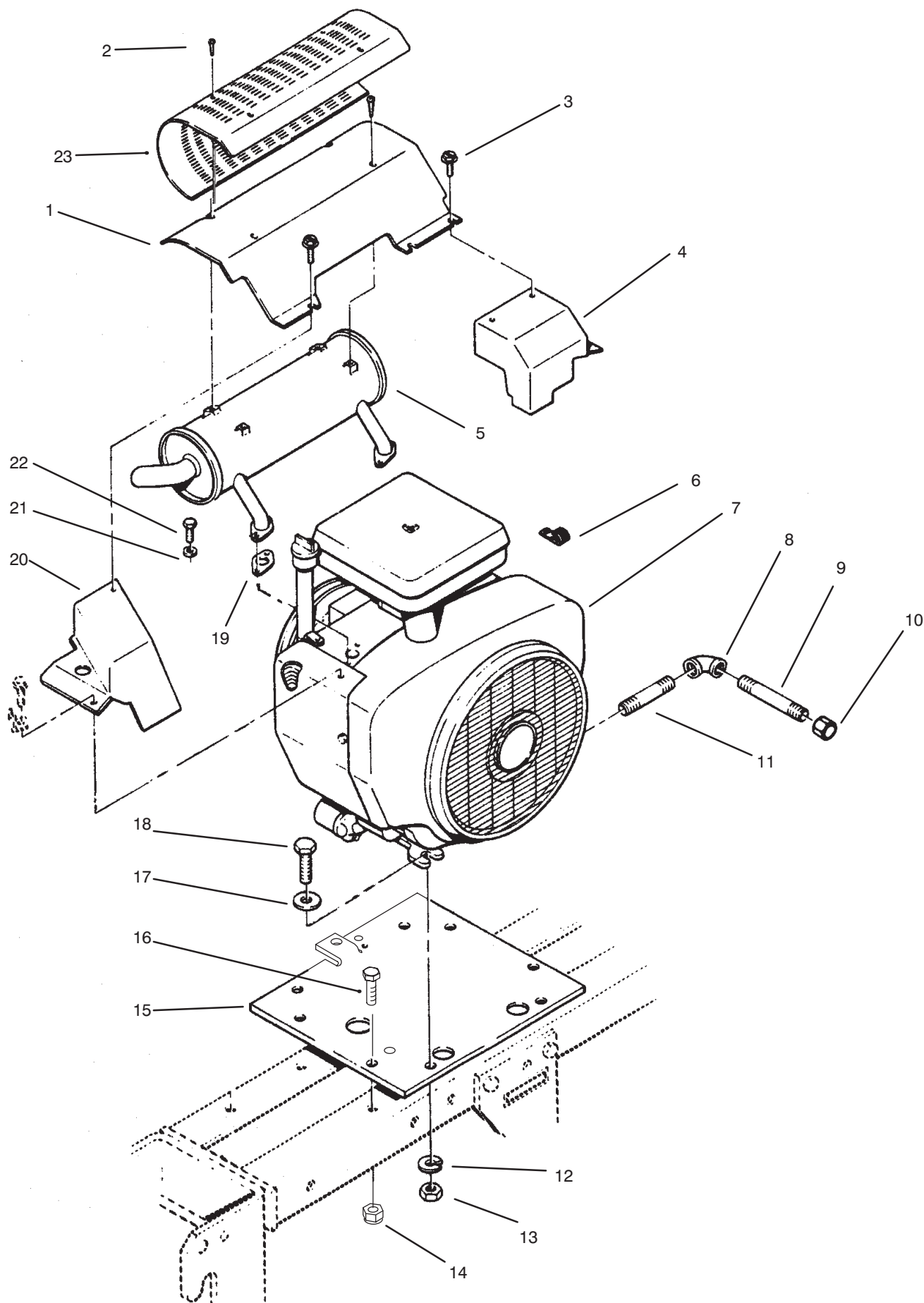
C-2057

REAR HITCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-5	Screw — Cap 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

ENGINE AND EXHAUST



ENGINE AND EXHAUST

Ref. No.	Part No.	Description	No. Used
1	114217	Deflector — Air	1
2	114888	Screw	6
3	12-3270	Screw — Hex. Hd.	3
4	114216	Cover — Exhaust, Rear	1
5	116471	Muffler	1
6	8830	Clip	1
7	79-5220	Engine — 20HP	1
8	114764	Elbow 90°	1
9	114763	Pipe	1
10	288-4	Cap	1
11	114636	Nipple	1
12	3253-21	Washer — Lock	4

Ref. No.	Part No.	Description	No. Used
13	3217-7	Nut	4
14	3296-39	Nut	4
15	116609	Plate — Engine	1
16	323-7	Screw — Cap Hex. Hd.	4
17	3256-24	Washer — Flat	4
18	323-8	Screw — Cap Hex. Hd.	4
19	57-9210	Gasket — Exhaust	2
20	114215	Cover — Exhaust, Front	1
21	3253-4	Washer — Lock	4
22	322-3	Screw — Cap Hex. Hd.	4
23	115783	Shield — Muffler	1

BLOWER HOUSING AND 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		Screw	1
11	82-1600	Screw – Cap Hex Fl. Hd.	2
12	92-0920	Housing – Cylinder Air, LH	1
13	59-0830	Washer – Flat	2
14	59-0980	Screw – Tapping, Wash. Hd.	2
15	NN10289	Clamp – Wire, Alternator	1
16	82-1540	Screw – Hex. Washer Hd.	1
17	71-6220	Clip – Wire	1
18	59-1080	Screw – Cap Hex. Fl. Hd.	4
19	71-6080	Bracket – Lift	2
20	92-0921	Housing – Cylinder Air, RH	1
21	82-1370	Screw – Hex. Hd.	1
22	82-1620	Washer – Lock	1

Ref. No.	Part No.	Description	No. Used
23	59-0830	Washer – Flat	1
24	201256	Link – Governor Control	1
25	79-6400	Bushing – Gov. Control	1
26	79-6390	Bracket – Gov. Control	1
27	57-9190	Clamp – Cable	1
28	59-1010	Screw – Self Tap. Fl. Hd.	1
29	201327	Screw	3
30	59-0720	Pin – Cotter	1
31		Washer	1
32	57-9120	Swivel – Throttle Lever	1
33	72-3890	Screw – Hex. Hd.	1
34	59-0820	Washer – Flat	4
35	59-0980	Screw – Tapping, Fl. Hd.	4
36	59-1050	Screw – Self Tap. Fl. Hd.	1
37	79-6420	Adapter – Governor Arm	1
38	59-1100	Screw – Lock Hd.	2
39	82-0620	Guard – Stationary	1
40	NN10832	Bracket – Governor Adjust	1
41	118530	Plate – Toro Logo	1
42	82-1590	Screw – Pan Hd. Taptite	4
43	NN10769	Housing – Blower	1
44	59-0970	Screw – Tapping, Fl. Hd.	2

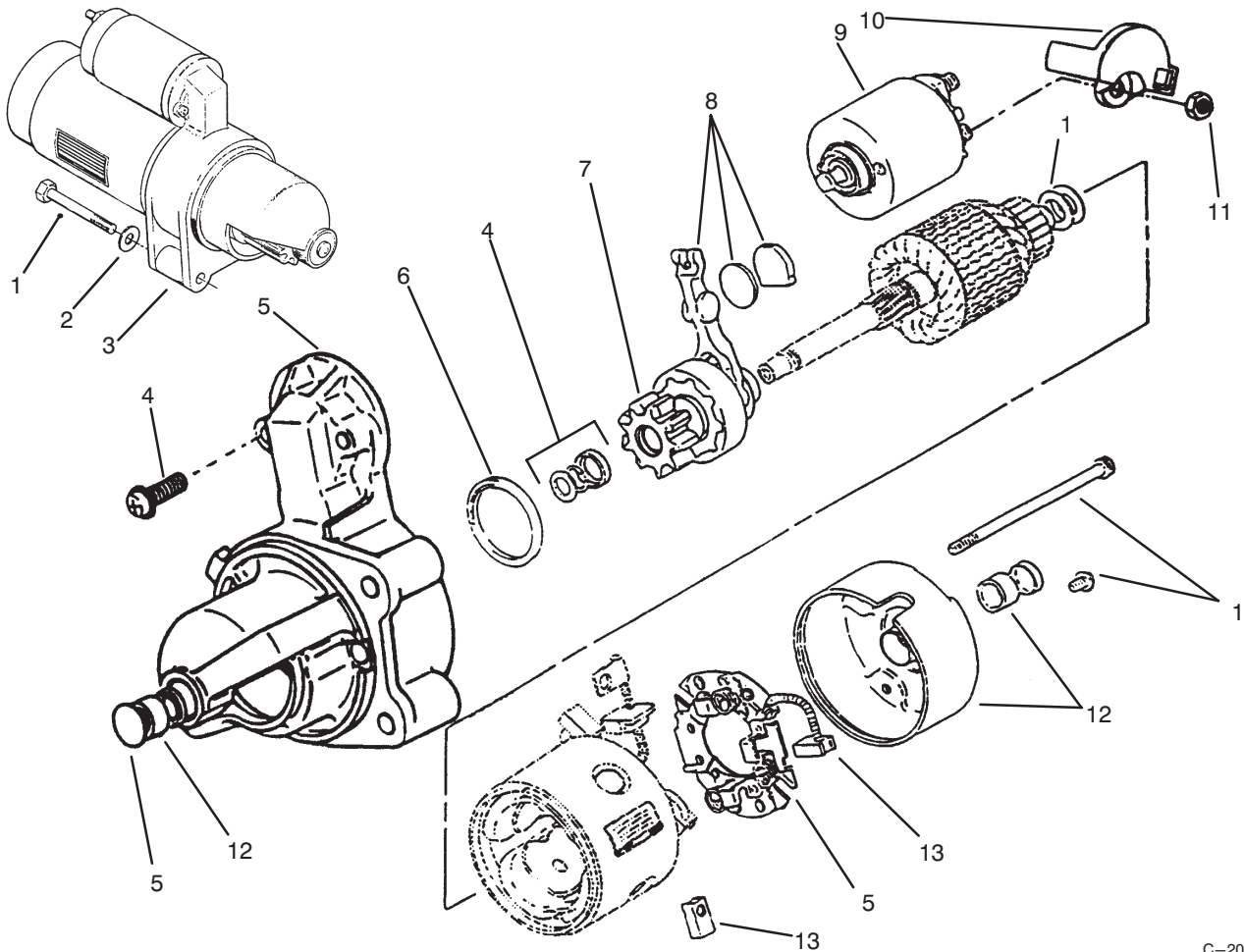
ENGINE CYLINDER BLOCK



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	NN10077	Spring - Valve	4
7	NN10078	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	NN10479	Guide - Valve, Exhaust	2
24	NN10478	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
38	57-8330	Gasket - Cylinder Head	2

Ref. No.	Part No.	Description	No. Used
39	79-6280	Head - Cylinder	2
39	59-0180	Side - Right	1
39	NN10079	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	NN10125	Standard	2
43	NN10126	.010" Undersize	2
43	NN10127	.020" Undersize	2
43	NN10128	.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	NN10100	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 - Cap Hex. Hd.	2
57		Kit - Gasket	
57	71-6290	Engine - Complete	1
57	57-9370	Valve Grind/Carbon Removal	1
58	57-8460	Gasket Kit - Oil Pump	1
59	57-8000	Bearing - Camshaft	2

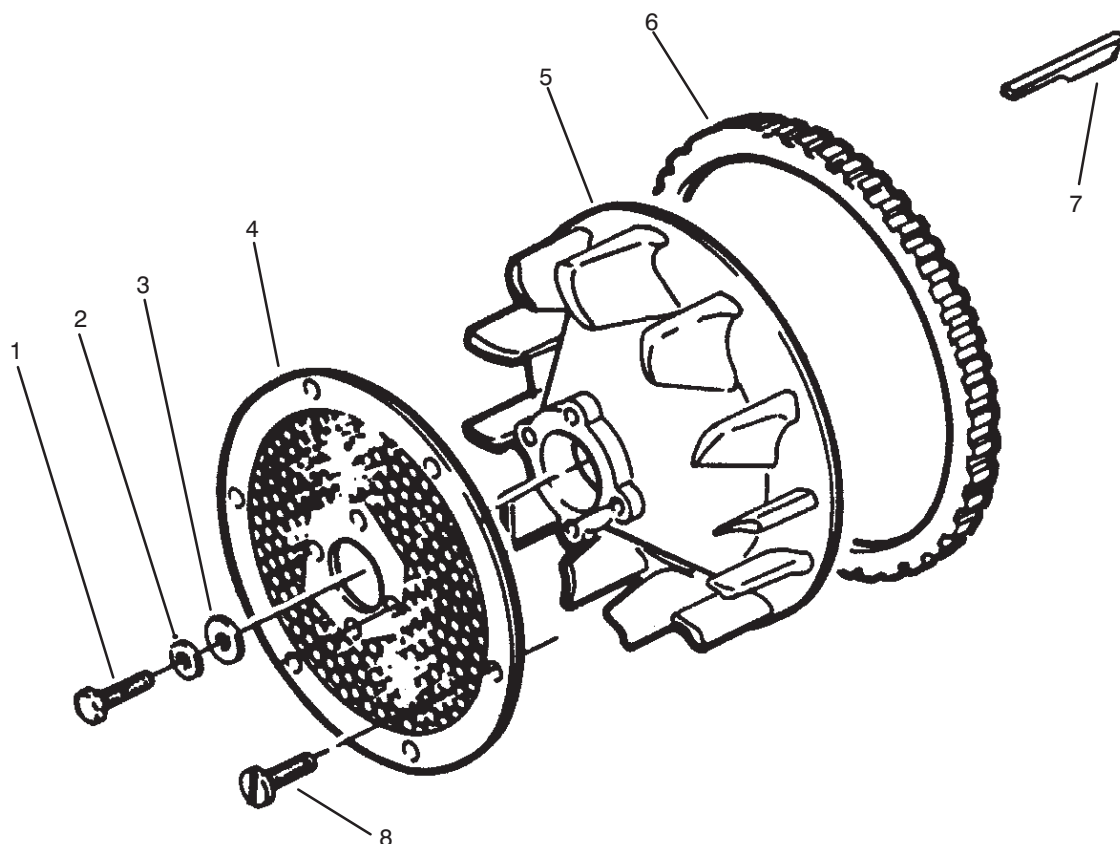


C-2073

STARTER

Ref. No.	Part No.	Description	No. Used
1	79-6580	Screw - Cap 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	82-1350	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

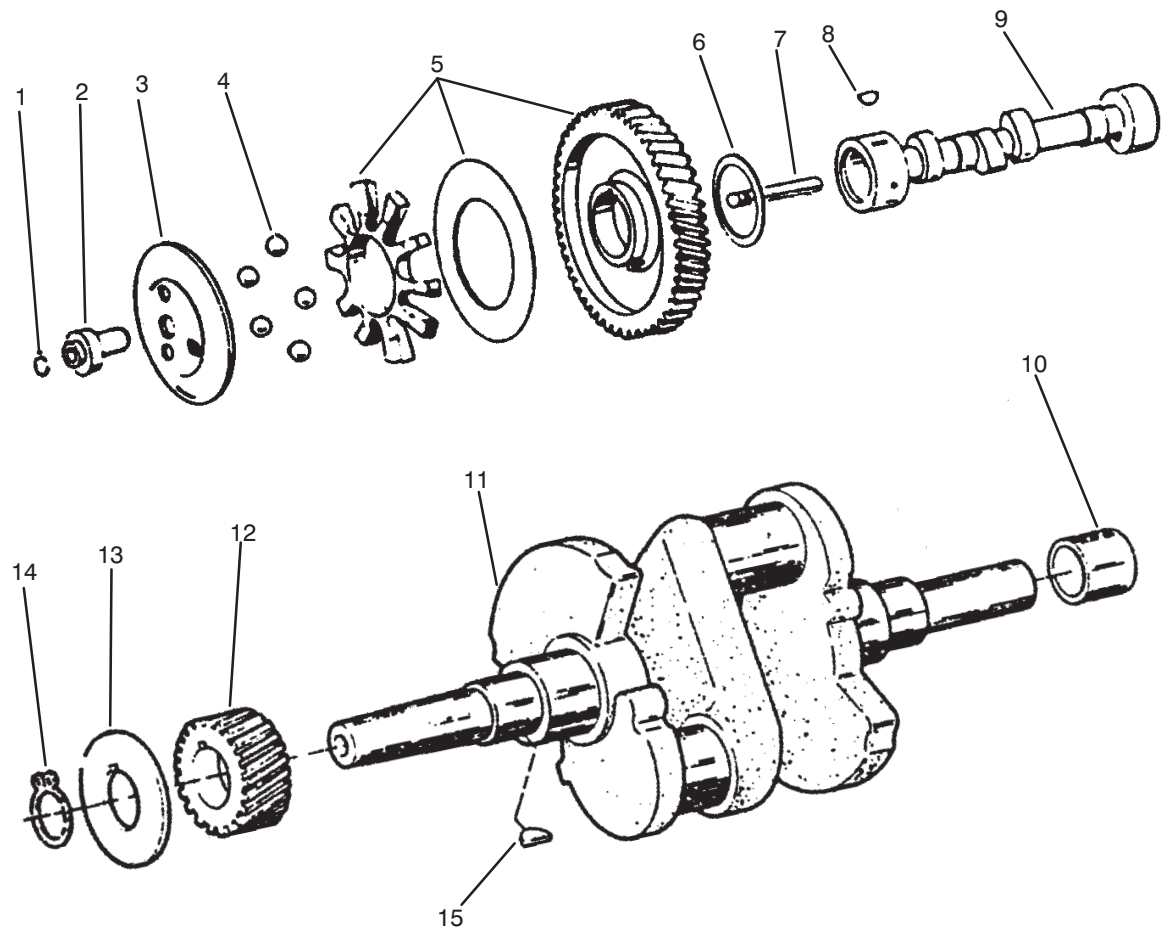


C-2062

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

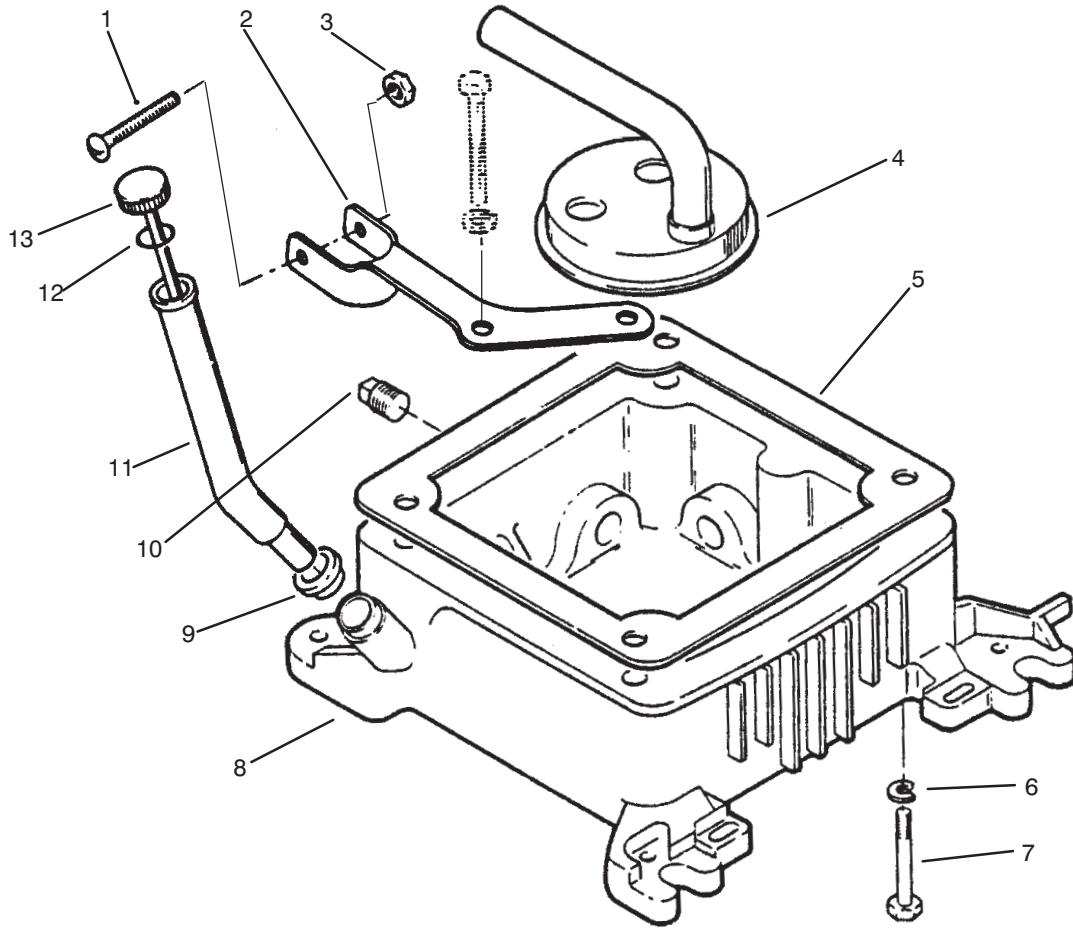
Ref. No.	Part No.	Description	No. Used
6	57-8180	Gear - Ring	1
7	71-6190	Key - Flywheel	1
8	71-6340	Screw	6



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				

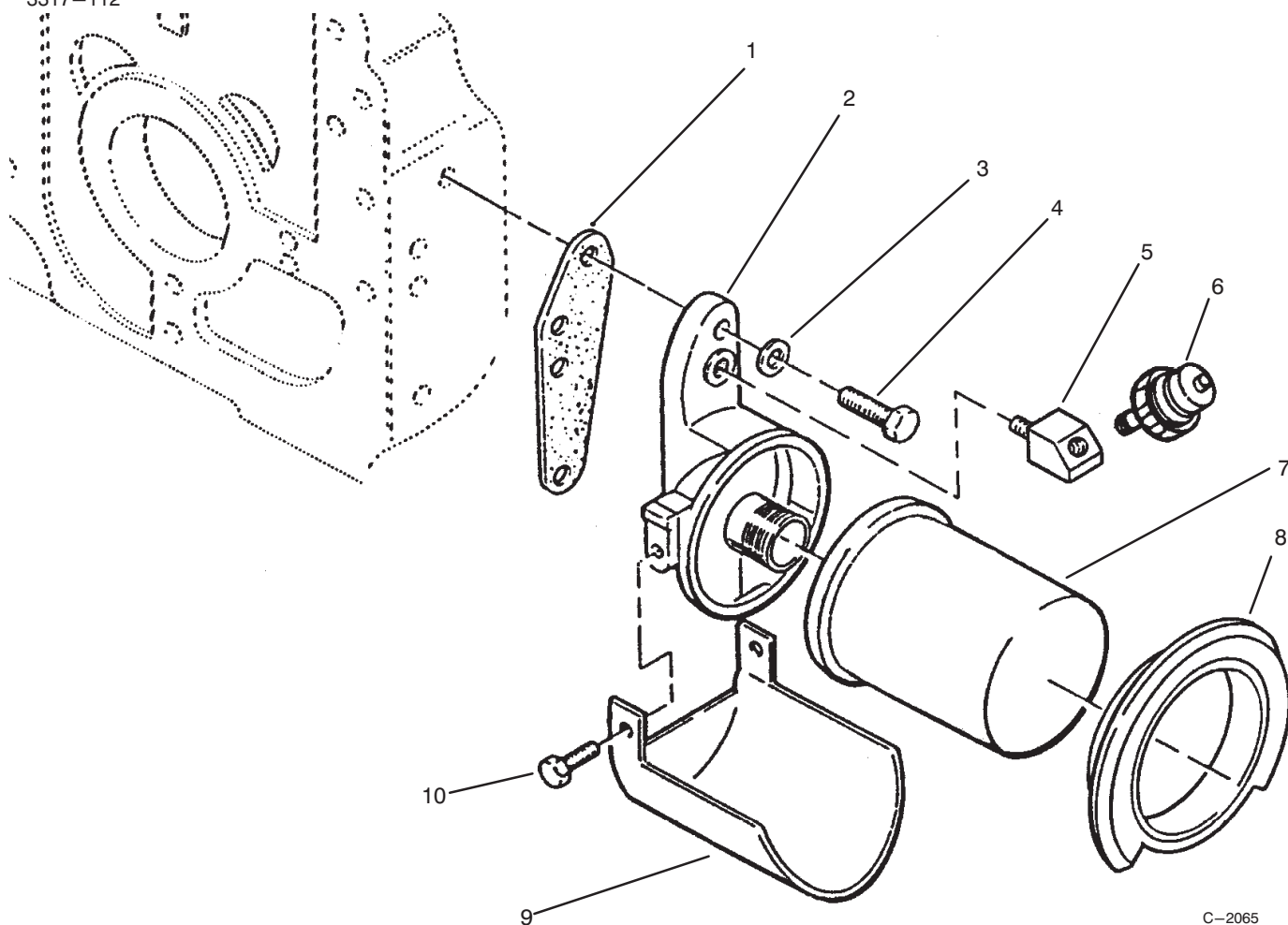


C-2064

OIL FILL TUBE, BRACKET & BASE

Ref. No.	Part No.	Description	No. Used
1	82-1560	Screw – Pan Hd.	1
2	79-6460	Bracket – Fill Tube	1
3	82-1700	Nut – Speed Type U	1
4	57-8490	Cup – Intake, Oil Pump	1
5	57-8090	Gasket – Oil Base	1
6	82-1310	Washer – Flat	4
7	NN10379	Screw – Cap Hex Hd.	4
8	NN10018	Base – Oil (Incl. Ref. #10)	1

Ref. No.	Part No.	Description	No. Used
9	71-6170	Seal – Oil Fill Tube	1
10	82-1130	Plug – Sq. Hd.	2
11	NN10448	Tube – Oil Fill	1
12	57-9610	"O"Ring	1
13	NN10159	Cap & Indicator – Oil Fill (Incl. Ref. #12)	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	NN10824	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 - Cap 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 (Incl. Ref. #18)	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 – Cap 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 (Incl. Ref. #1-3, 5-7, 9, 21-23 & 26)	1
13	82-1000	Body – Terminal Conn. Kit (Incl. Ref. #18)	2	28	59-1130	Nut – Hex.	1
14	71-6380	Control – Ignition	1	29	59-0790	Stud – Gear Cover	1
15	NN10516	Insulator – Ignition, Module	1				

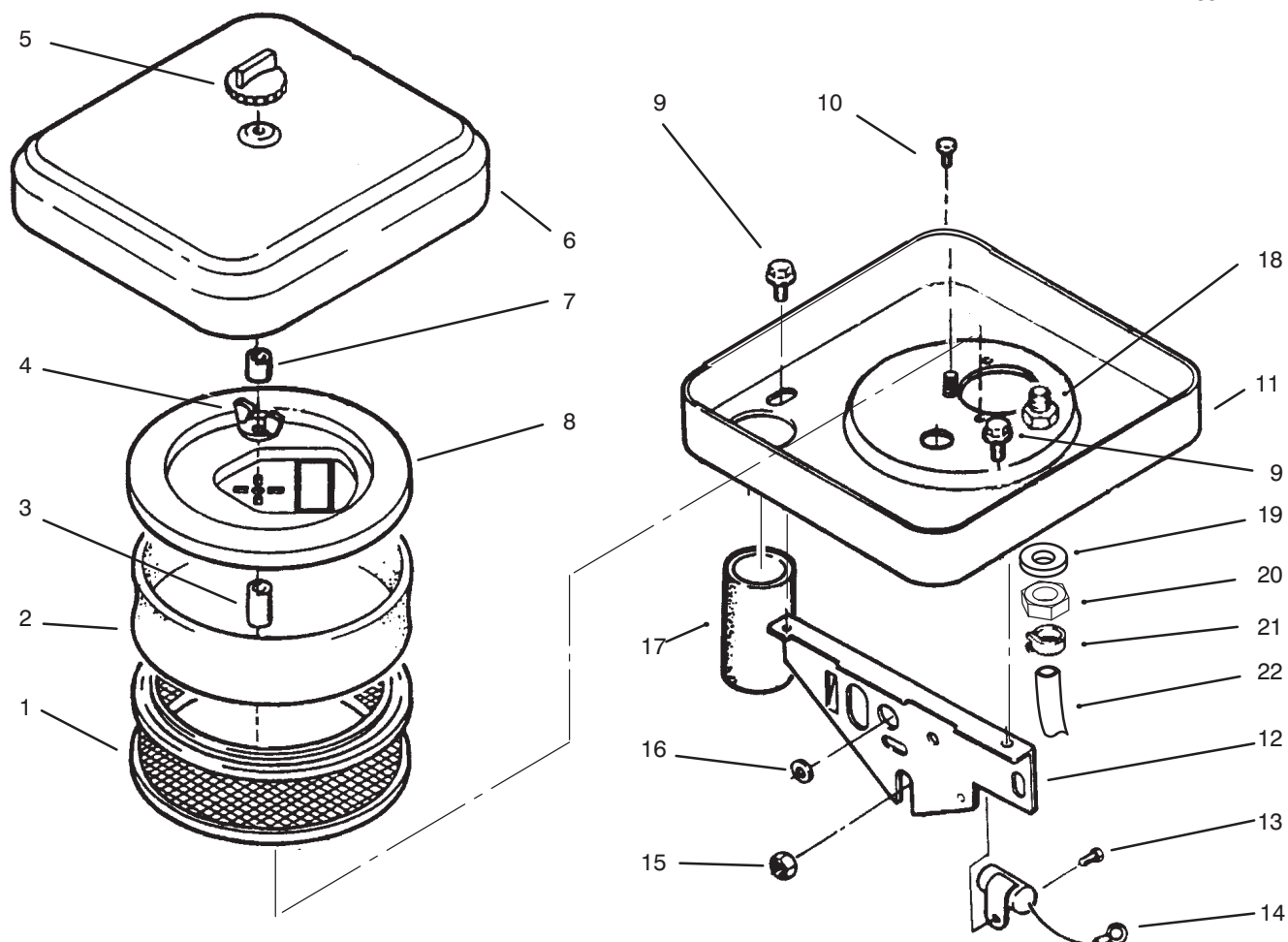


C-2067

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 – Cap Hex. Hd.	2
4	NN10249	Nut – Hex. Flange Hd. (Negative Terminal)	1
5	NN10248	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

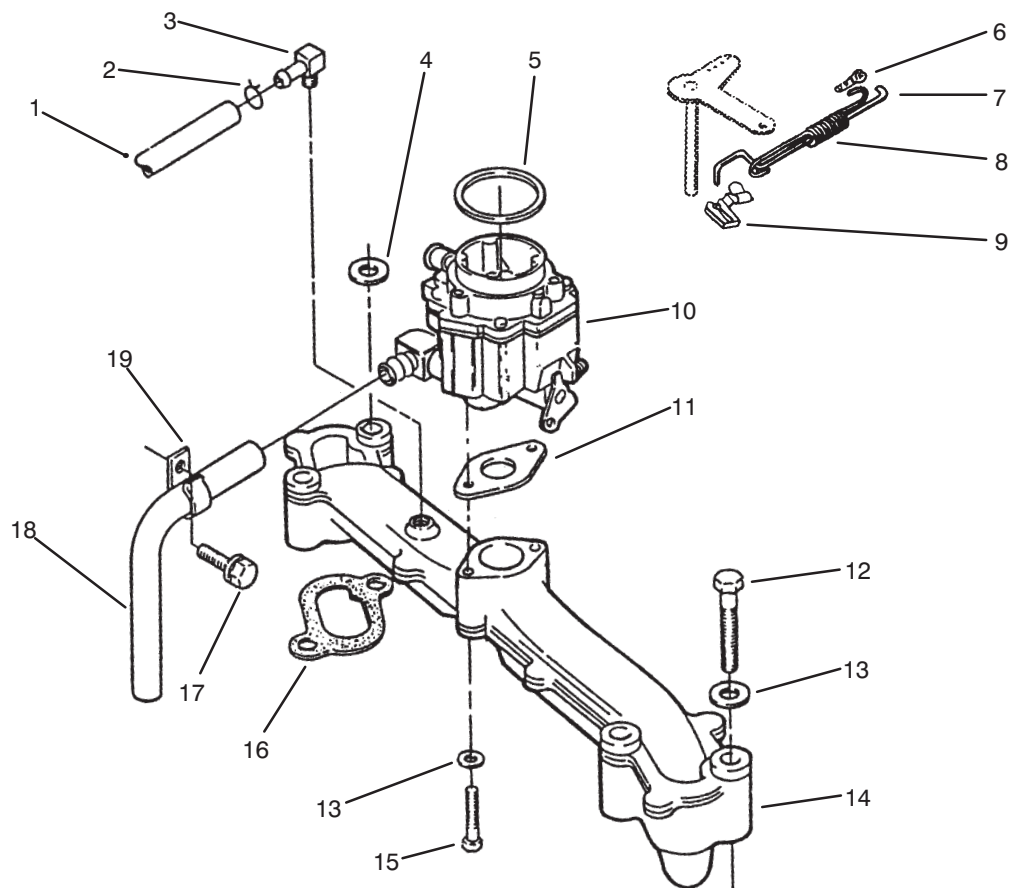
Ref. No.	Part No.	Description	No. Used
8	57-9340	Plug – Spark	2
9	NN10253	Cable – Spark Plug	2
10	71-6060	Clip – Wire (Attach To #1 Spark Plug Wire)	1
11	NN10348	Clip – Wire	2
12	71-6460	Screw – Hex Washer Hd.	1
13	71-6010	Rotor – Ignition	1
14	79-6490	Gasket – Plate	1



AIR CLEANER

Ref. No.	Part No.	Description	No. Used
1	82-0660	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	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
11	79-6330	Housing - Air Cleaner	1

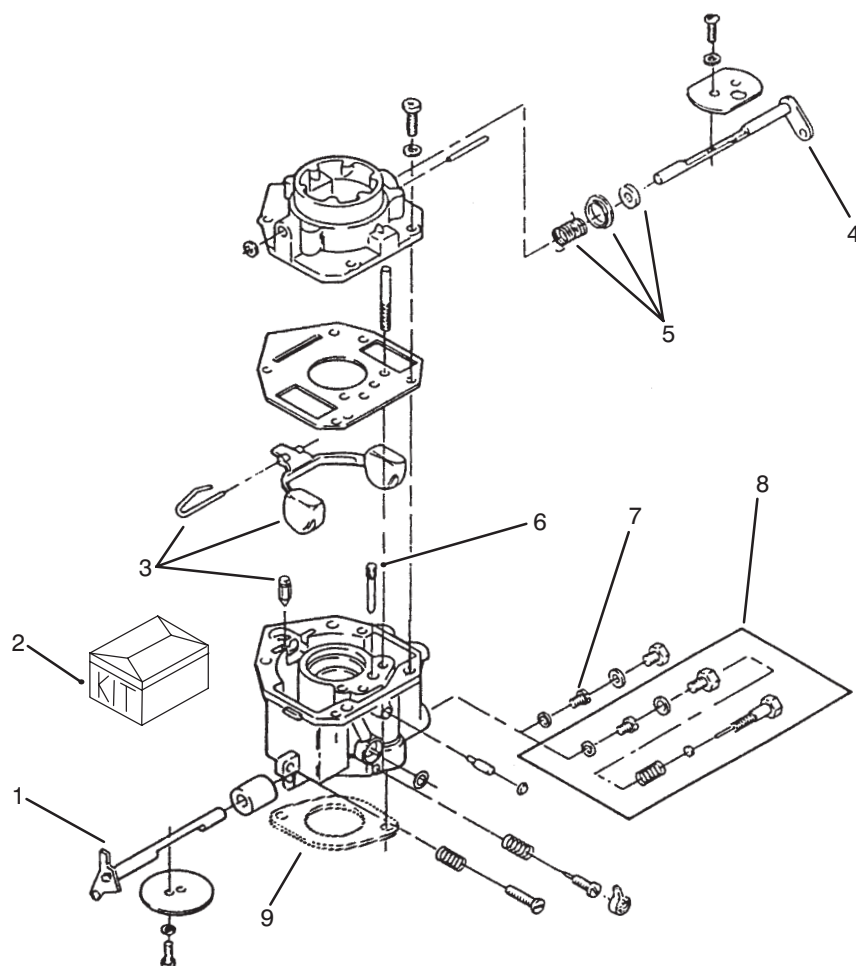
Ref. No.	Part No.	Description	No. Used
12	79-6340	Support - Air Cleaner	1
13	NN10390	Screw - Hex. Washer Hd.	1
14	59-1180	Capacitor	1
15	3253-5	Nut - Hex. Washer Hd.	1
16	71-6140	Grommet - Rubber	1
17	NN10187	Tube - Air Intake	1
18	NN10239	Fitting - Barbed	1
19	NN10190	Gasket	1
20	NN10132	Nut	1
21	82-1080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



C-2069

INTAKE MANIFOLD

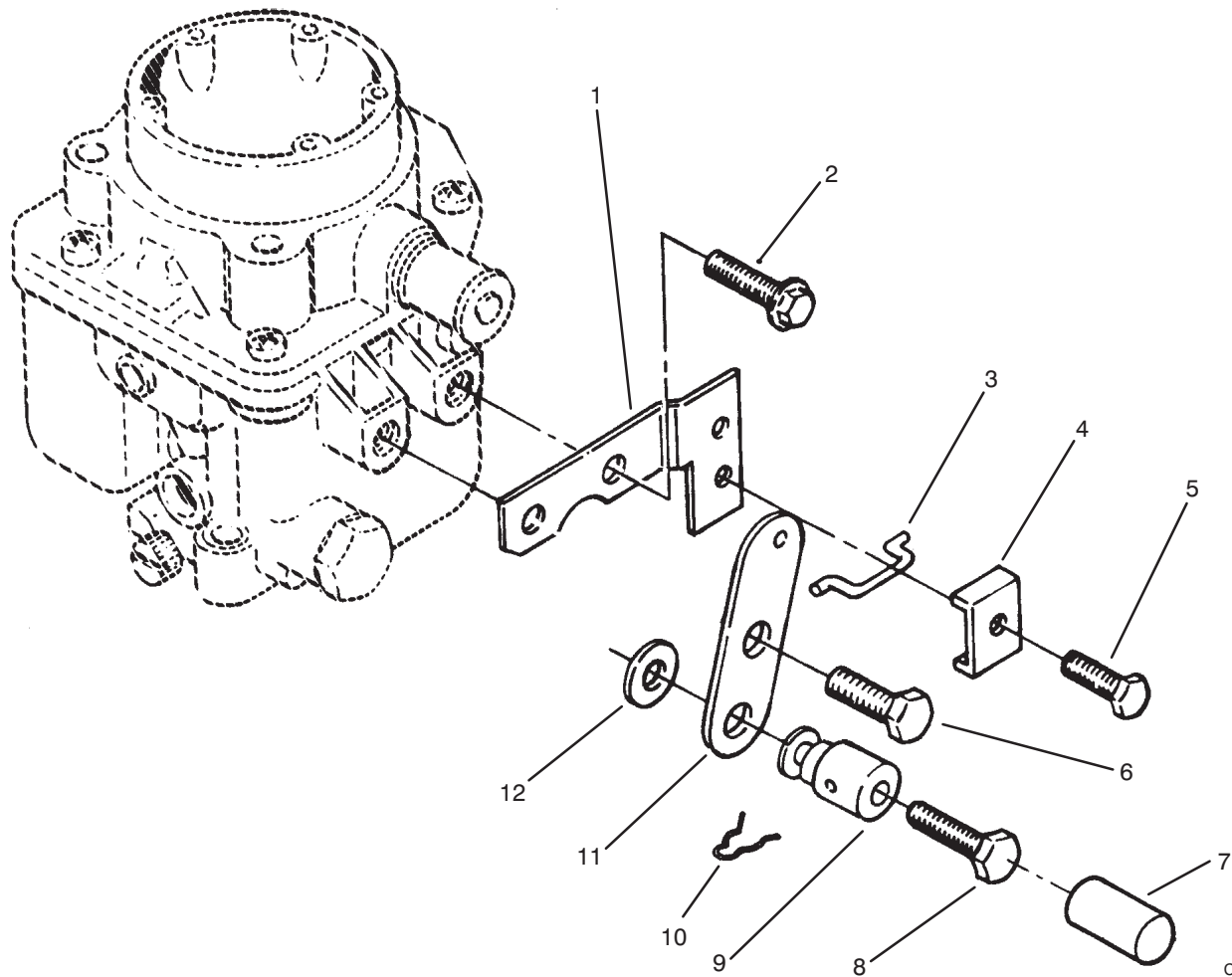
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-1120	Hose - Breather	1	10	62-2790	Assembly - Carburetor (Incl. Ref. #5 & 11)	1
2	82-1080	Clamp - Hose 1/2" Dia.	2	11	82-0850	Gasket - Carb/Manifold	1
2	82-1090	Clamp - Hose .44" Dia.	1	12	NN10375	Screw - Cap Hex. Hd.	4
3	82-1070	Fitting - Barbed	1	13	82-1350	Washer - Flat	6
4	NN10362	Washer - Flat	1	14	92-0918	Manifold - Intake	1
5	57-9620	"O"Ring	1	15	NN10545	Screw - Cap Hex. Hd.	2
6	57-9700	Clip - Retaining, Control Rod To Carburetor	1	16	71-5980	Gasket - Manifold To Block	2
7	NN10227	Rod - Governor Control	1	17	82-1540	Screw - Hex. Washer Hd.	1
8	NN10877	Spring - Governor Rod	1	18	NN10306	Hose - Fuel	1
9	57-9730	Clip - Retaining	1	19	NN10348	Clip - Wire	1



C-2070

CARBURETOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	NN10811	Kit – Shaft, Throttle (Includes Valve Setscrew, Air Filter, & Throttle Valve)	1	5	NN10208	Kit – Lever, Choke (Incl. Choke Lever Ring, Choke Spring, & Choke Collar)	1
2	82-0780	Kit – Repair (Includes Screw & Plug Package, Gasket Package, Float Valve, Idle Adj. Needle & Spring, Mounting Gaskets & Idle Limit Cap)	1	6	NN10859	Jet – Idle	1
3	62-2800	Kit – Float (Includes Float, Pin & Valve)	1	7	57-9050	Jet – Power	1
4	NN10207	Kit – Shaft, Choke (Incl. Choke Valve, Valve Setscrew, & Air Filter)	1	8	NN10858	Jet – Power, Fixed, Optional (High Altitude Application)	1
				9	57-9200	Gasket – Carb. Mounting	2

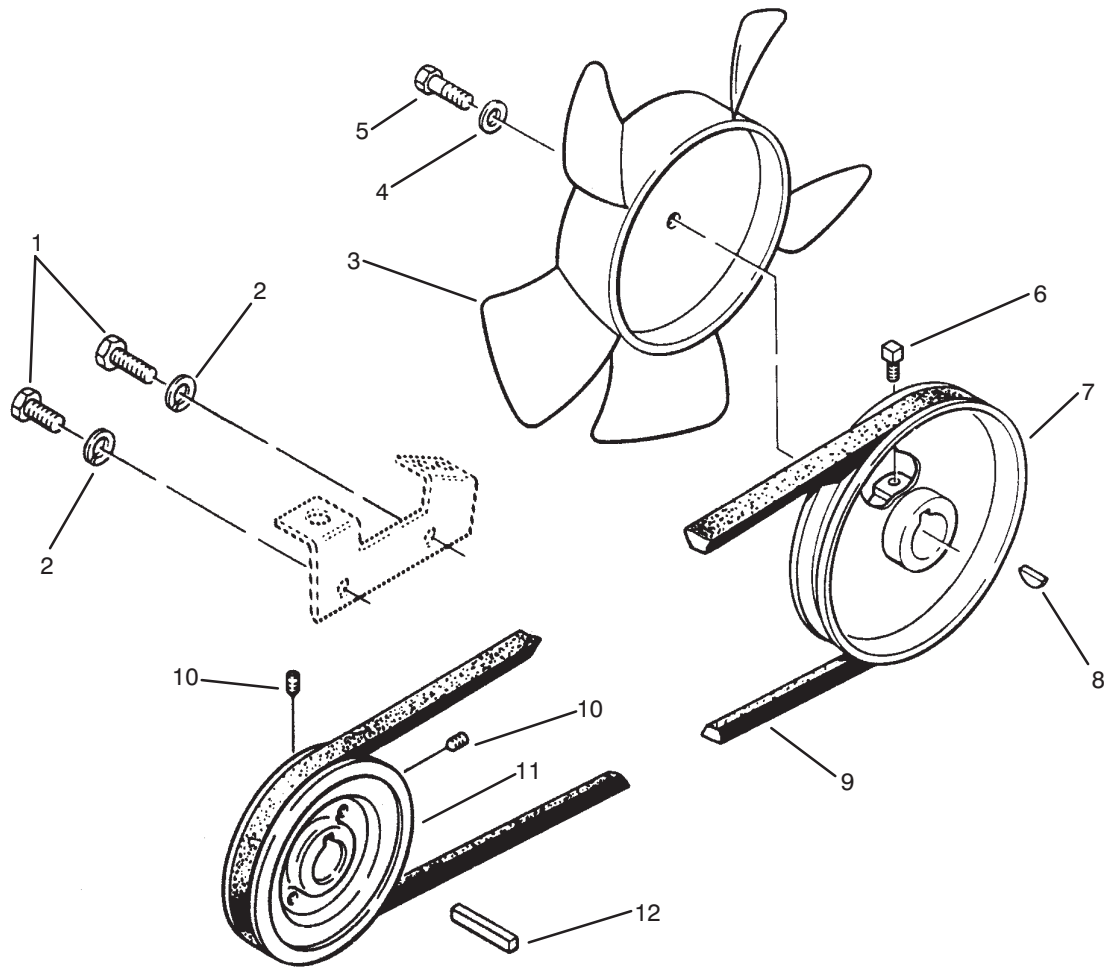


C-2071

CHOKE CONTROL (FRONT PULL)

Ref. No.	Part No.	Description	No. Used
1	59-0470	Bracket – Choke Cable	1
2	72-3880	Screw – Cap Flange Hd.	1
3	57-9180	Link – Choke	1
4	57-9190	Clip – Choke Cable	1
5	72-3900	Screw – Flange Hd.	1
6	92-0916	Screw – Shoulder	1

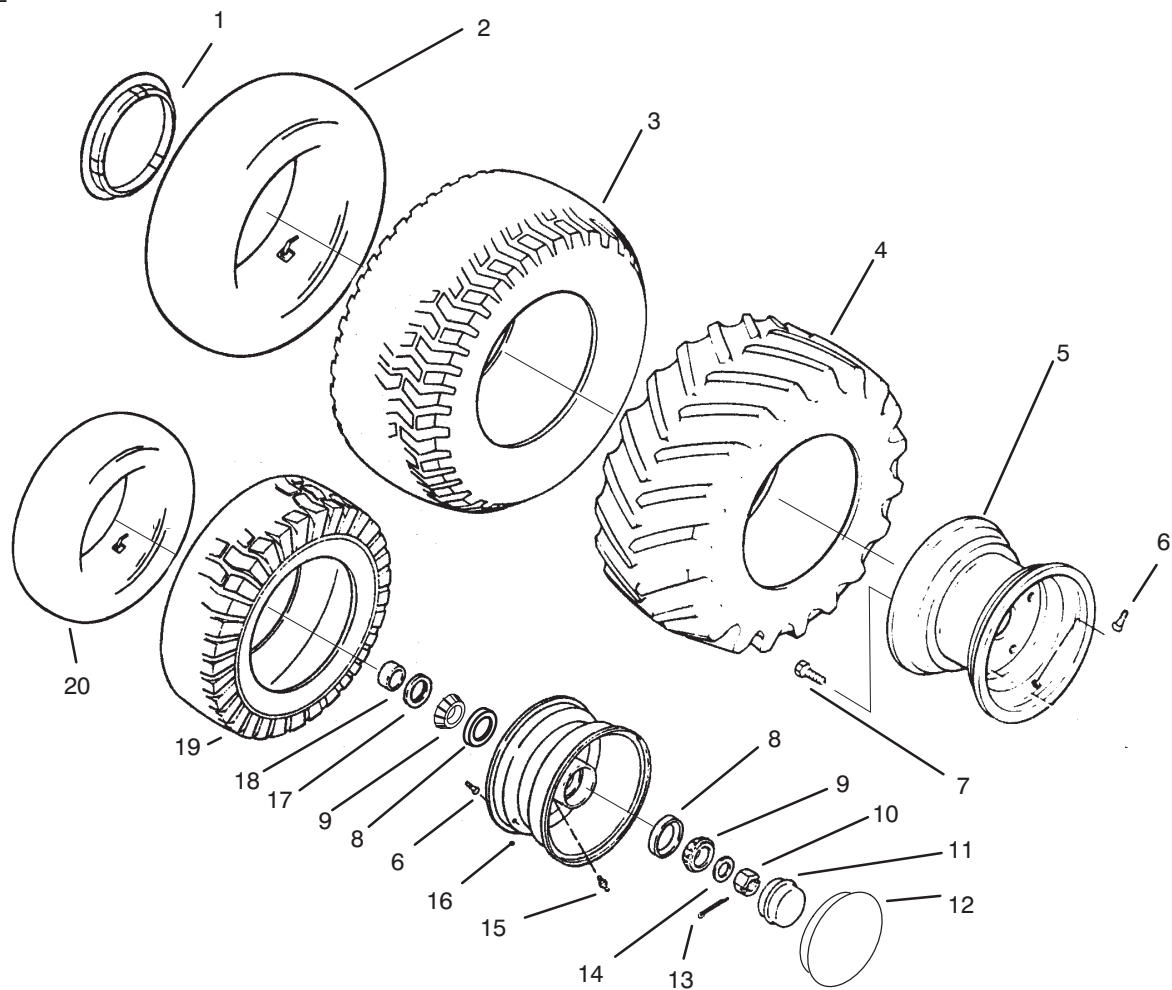
Ref. No.	Part No.	Description	No. Used
7	NN10830	Plug – Cap	1
8	72-3890	Screw – Machine, Hex. Hd.	1
9	NN10656	Swivel – Choke Lever	1
10	59-0720	Pin – Cotter	1
11	NN10511	Lever – Choke	1
12	59-0850	Washer – Flat	1



C-2050

DRIVE BELT AND PULLEYS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-6	Bolt	2	7	108316	Pulley - Transmission Drive	1
2	3256-21	Washer - Lock	2	8	937089	Key - Woodruff	1
3	108393	Fan	1	9	114895	Belt - Drive	1
4	103995	Washer - Special	1	10	3246-2	Setscrew	2
5	9080026	Bolt	1	11	7443	Pulley - Engine Drive	1
6	3242-2	Setscrew	2	12	105453	Key	1

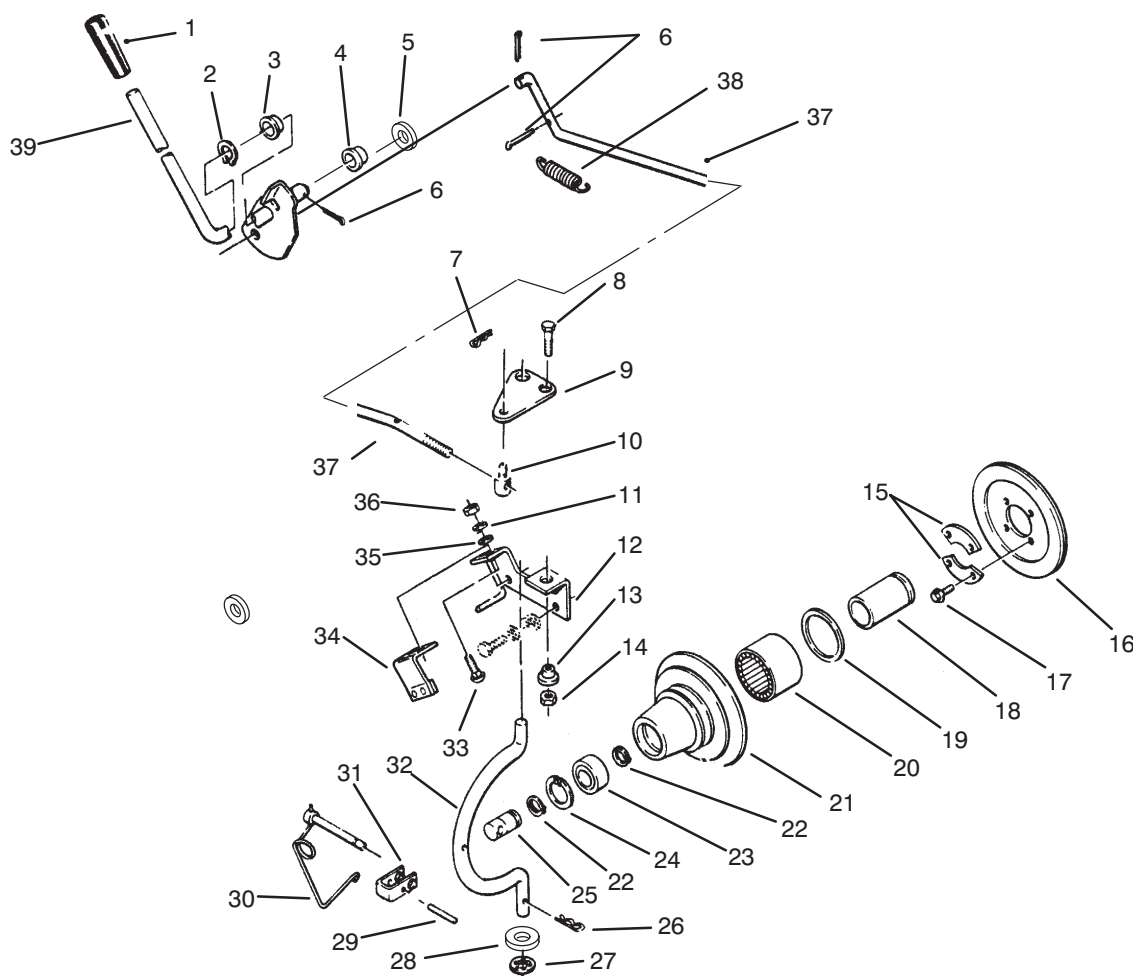


WHEELS AND TIRES

Ref. No.	Part No.	Description	No. Used
1	114428	Logo – Hub Cap 12"	2
2	109546	Tube – Rear (Optional)	2
*	100291	Tube – Rear Cleat (Optional)	2
3	116867	Tire – Turf Trac, Front 16 x 7.50–8	2
4	7607	Tire – Cleat, Rear (Optional)	2
5	110680	Wheel – Rear	2
*	110677	Wheel – Rear Cleat (Optional)	2
6	5108	Stem – Valve	4
7	83–2720	Bolt – Lug	10
8	112821	Cup – Bearing	2
9	112823	Bearing	2
10	32136–5	Nut – Slotted	2

Ref. No.	Part No.	Description	No. Used
11	112825	Cap – Dust	2
12	114427	Logo – Hub Cap 8"	2
13	3272–12	Pin – Cotter	2
14	9202254	Washer	2
15	109500	Fitting – Grease	2
16	117287	Wheel – Front (Includes Item 15 & Qty. 2 of Item 8)	2
17	112822	Seal	2
18	112824	Spacer	2
19	116971	Tire – Turf Trac, Rear 23 x 10.5–12	2
20	100079	Tube – Front (Optional)	2

*Not Illustrated

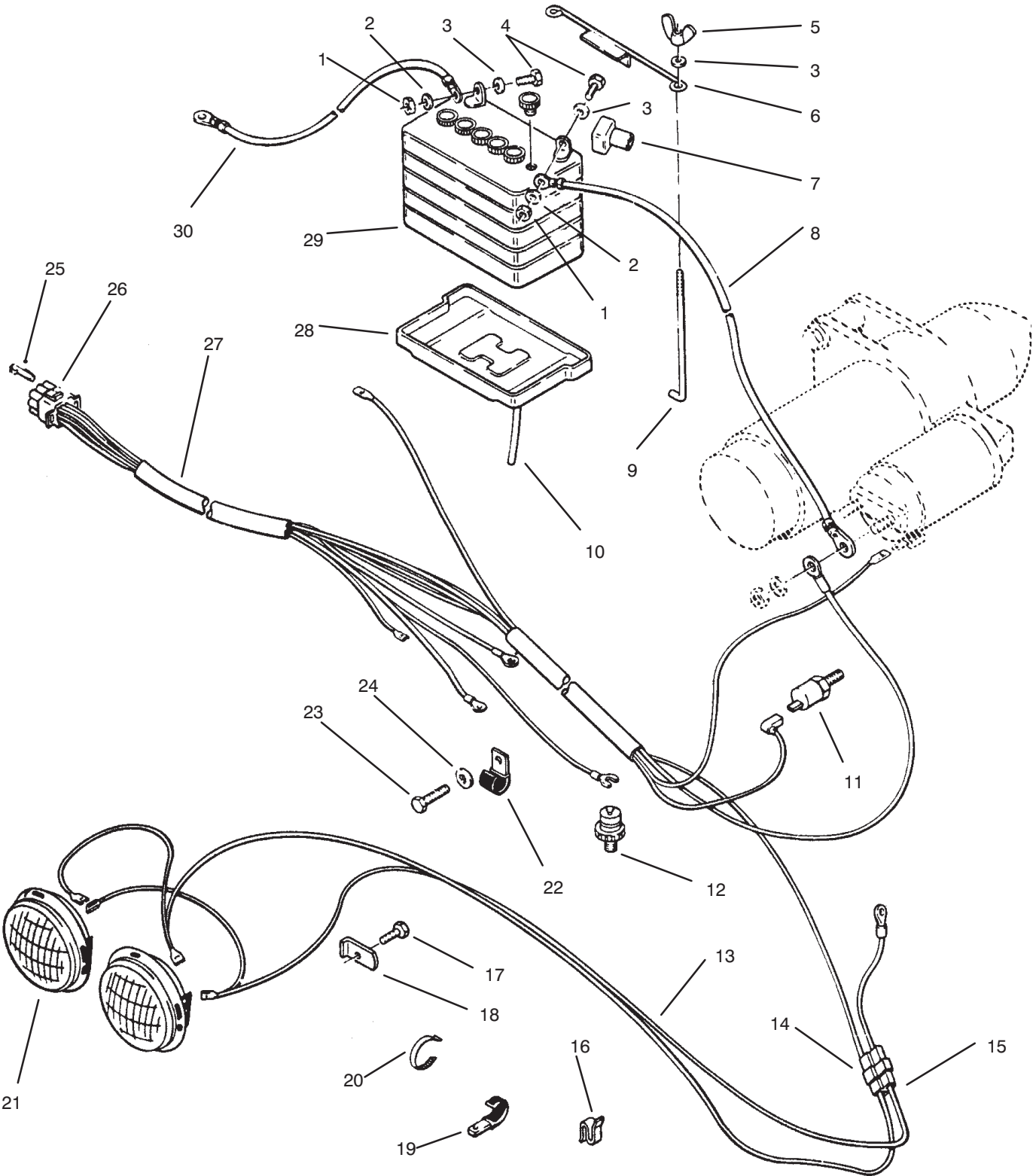


C-2075

PTO CLUTCH & CONTROL

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	9038	Grip	1	21	103478	Housing — Clutch	1
2	32151-11	Ring — Retaining	1	22	32120-72	Ring — Snap, External	2
3	5666	Bushing — Nyliner	1	23	109842	Bearing — Ball	1
4	5983	Bushing	1	24	32120-62	Ring — Snap, Internal	1
5	3765	Washer — Shim	1	25	102872	Shaft — PTO	1
6	3272-10	Pin — Cotter	3	26	9335064	Pin — Cotter, Hair	1
7	9335054	Pin — Cotter, Hair	1	27	106695	Ring — Push-On	1
8	323-7	Screw — Cap Hex. Hd.	1	28	3256-27	Washer — Flat	1
9	110669	Plate — PTO	1	29	933274	Pin — Spirol	1
10	110656	Trunnion	1	30	111314	Pin — Locking	1
11	3253-3	Washer — Lock	2	31	113107	Clevis	1
12	113874	Bracket — Engine	1	32	113108	Rod — Housing, PTO	1
13	104859	Spacer	1	33	3229-25	Bolt — Carriage	2
14	3296-39	Nut — Lock	1	34	110665	Assembly — Brake, PTO	1
15	6659	Retainer	2	35	3256-22	Washer — Flat	2
16	114881	Assembly — Plate	1	36	3218-1	Nut — Jam	2
17	9080026	Bolt — Nylok	4	37	111052	Rod — Clutch, PTO	1
18	6658	Race — Bearing	1	38	103125	Spring	1
19	6663	Seal — Oil	1	39	111234	Lever — Clutch, PTO	1
20	6662	Bearing — Needle	1				

BATTERY & HEADLIGHTS ASSEMBLY



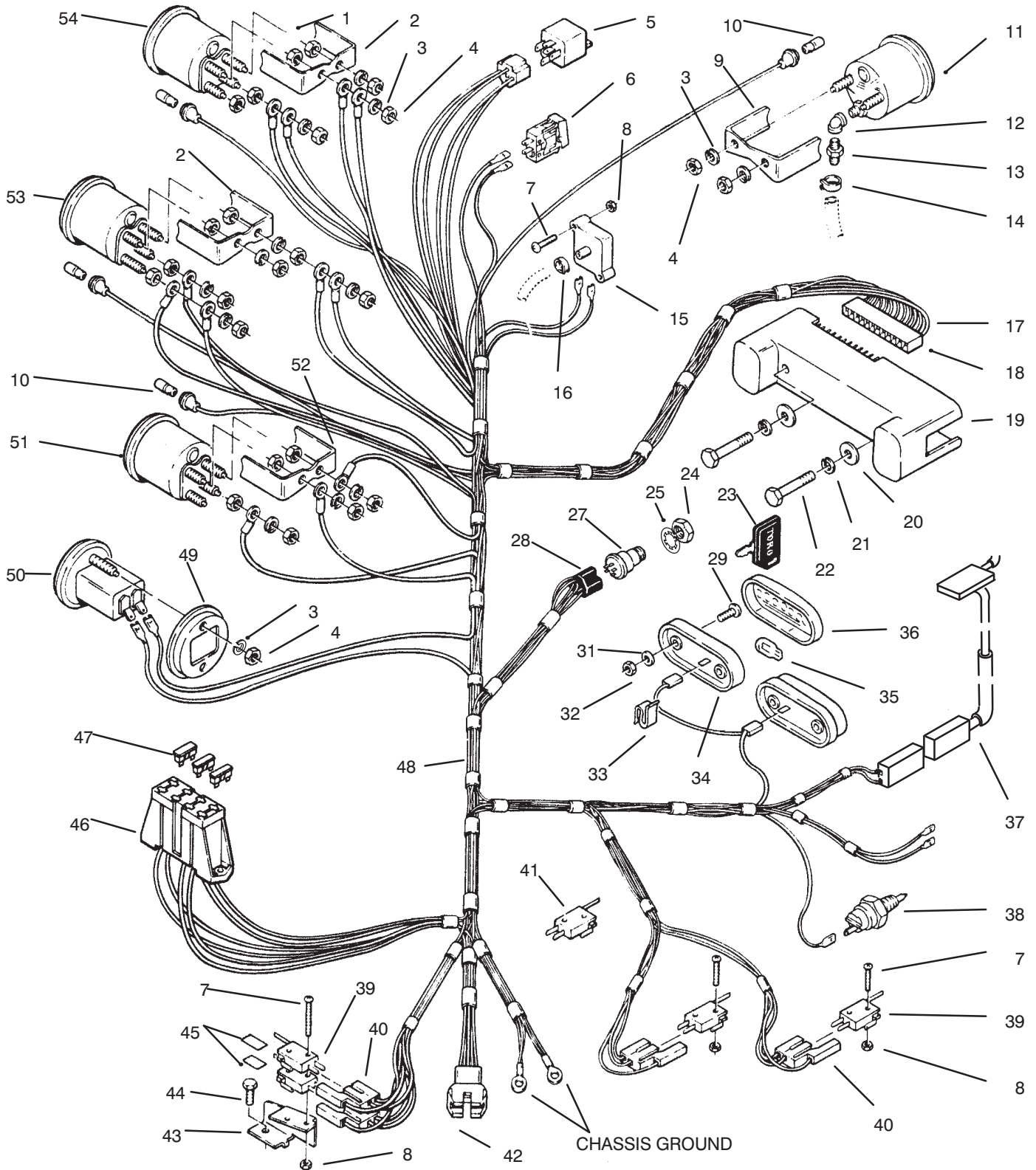
BATTERY & HEADLIGHTS ASSEMBLY

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 - Cap 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	NN10824	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	9266714	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	NN10553	Harness - Engine Wiring	1
28	106948	Tray - Battery	1
29	115877	Battery - 280 CCA	1
30	114210	Cable - Battery, Ground	1
*	3290-378	Tie - Cable	7

*Not Illustrated

ELECTRICAL SYSTEM



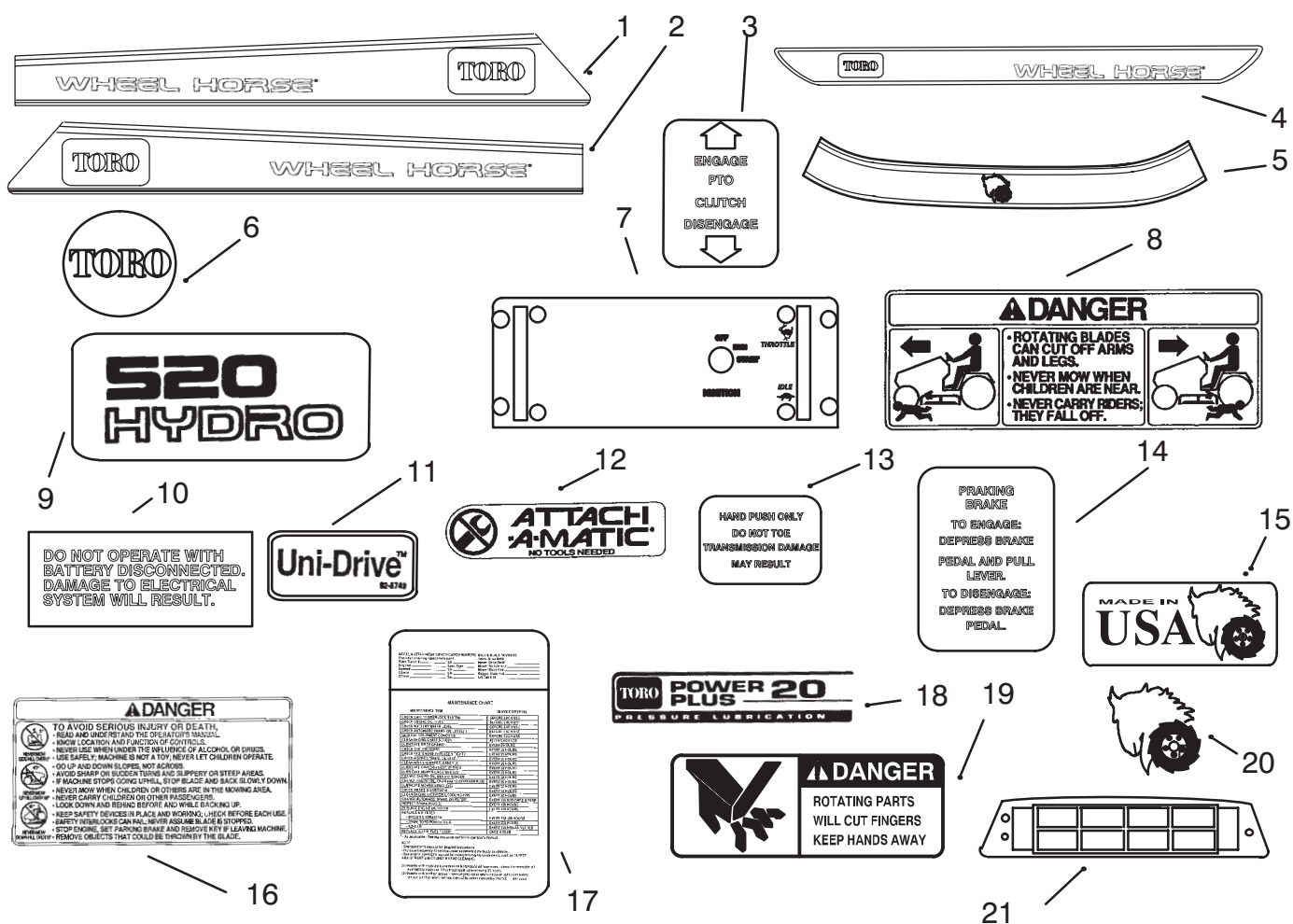
ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
2	78-0080	Bracket – Mounting	2
3	3255-25	Washer – Lock	2
4	3217-27	Nut – Hex.	A/R
5	116397	Relay	3
6	113191	Switch – Light	1
7	910948	Screw	4
8	915732	Nut – Elastic	6
9	78-0100	Bracket – Mounting	2
10	79-0450	Lamp – .938" Long	3
*	79-0460	Lamp – 1.2" Long	1
11	79-2660	Gauge – Vacuum (Incl. Ref. #3-4 & 9)	1
12	943021	Elbow	1
13	105076	Fitting – Straight	1
14	950154	Clamp – Corbin	1
15	114270	Sensor – Air Cleaner	1
16	114767	Clamp	1
17	114633	Terminal	12
18	114632	Connector – Male	1
19	79-2130	Board – Light Circuit	1
20	3256-21	Washer – Flat	2
21	3253-15	Washer – Lock	2
22	910783	Screw	2
23	62-7770	Key – Padded Ignition	2
24	101884	Nut – Special	1
25	9201604	Washer – Lock	1
27	111216	Switch – Ignition (Incl. Ref. #24-25)	1
28	105302	Connector Body – Ignition Switch (Ref. Item #48)	1
29	3250-31	Screw (Optional)	4
31	3254-1	Washer – Lock	4

Ref. No.	Part No.	Description	No. Used
32	3296-27	Nut	4
33	3023	Clip – Speed	2
34	105202	Base – Taillight w/Bulb	2
35	109045	Bulb – Light (Auto #194)	2
36	112564	Lens – Taillight	2
37	38-1420	Switch – Seat	1
38	113193	Switch – Trans. Oil Temp	1
39	111332	Switch – Interlock Snap	2
40	111498	Connector	5
41	115230	Switch – Clutch	1
42	113119	Connector – Female	1
43	111488	Support – Switch	1
44	926671	Bolt	3
45	111642	Barrier – Switch Insulator	2
46	120930	Body – Fuse (Ref. Item #48)	1
47	114594	Fuse – 10 Amp, ATO or ATO	1
	109101	Fuse – 20 Amp, ATO or ATO	1
	NN10277	Fuse – 30 Amp, ATO or ATO	1
48	79-3630	Assembly – Wire Harness	1
49	78-3320	Bracket – Mounting	1
50	78-0020	Hourmeter (Incl. Ref. #3-4 & 49)	1
51	78-0060	Tachometer (Incl. Ref. #1, 3-4 & 52)	1
52	78-0090	Bracket – Mounting	1
53	78-0040	Gauge – Fuel (Incl. Ref. #2-4)	1
54	78-0030	Voltmeter (Incl. Ref. #2-4)	1
*	117257	Tie – Snap In	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
11	92-8749	Decal - Unidrive	1

Ref. No.	Part No.	Description	No. Used
12	92-8747	Decal - Attach-A-Matic	1
13	116446	Decal - Do Not Tow	1
14	116445	Decal - Parking Brake	1
15	76-1340	Decal - Made in U.S.A.	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

3317-112

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
1121	Key — Sq.	9 13 1	101707	Lock	20 19 1
1278	Washer — Shim	12 25 1	101711	Housing — Front Hitch	20 14 1
1481	Fitting — Grease, 45°	18 21 2	101750	Rod	20 17 1
1518	Bearing — Needle	11 32 1	101751	Rod — Front Hitch Lock	20 3 1
1532	Bearing — Needle	10 21 2	101757	Spacer	8 28 1
1532	Bearing — Needle	11 31 2	101850	Rod — Hood Stop	2 13 1
1538	Bearing — Needle	11 20 1	101884	Nut — Special	45 24 1
1644	Hitch — Drawbar	21 9 1	101889	Gear — Differential Axle	10 15 2
2844	Special Washer	12 14 1	101938	Spring	14 49 1
3023	Clip — Small	43 16 1	102025	Spacer	13 24 1
3023	Clip — Speed	45 33 2	102374	Pin — Pivot	9 15 1
3765	Washer — Shim	41 5 1	102628	Fitting — Hyd., Straight	15 28 1
3765	Washer — Shim	14 44 1	102628	Fitting — Straight Adapter	8 19 1
5108	Stem — Valve	40 6 4	102644	Plate — Mid Hitch	20 7 2
5210	Washer — Shim	18 18 6	102809	Nut — Special, Flanged	13 21 1
5618	Ring — Retaining	21 3 2	102872	Shaft — PTO	41 25 1
5618	Ring — Retaining	19 47 1	102881	Headlight	43 21 2
5666	Bushing — Nyliner	41 3 1	103125	Spring	41 38 1
5979	Bushing	2 8 2	103125	Spring — Brake Return	12 6 1
5983	Bushing	41 4 1	103478	Housing — Clutch	41 21 1
5983	Bushing	8 6 1	103995	Washer — Special	15 2 1
5983	Bushing	14 36 3	103995	Washer — Special	39 4 1
5991	Fitting — Filter	15 25 1	104047	Bushing — Rubber	7 19 1
6216	Pin & Plate	18 2 1	104048	Valve — Fuel Shut—Off	7 20 1
6229	Bearing	9 17 1	104841	Spring	8 16 1
6449	Axle — Seal	10 6 1	104859	Spacer	41 13 1
6449	Axle — Seal	11 12 1	105061	Gear — Differential Ring	10 18 1
6472	Bearing — Flanged	18 3 1	105076	Fitting — Straight	45 13 1
6658	Race — Bearing	41 18 1	105202	Base — Taillight w/Bulb	45 34 2
6659	Retainer	41 15 2	105269	Shaft — Drawbar Hitch	21 4 1
6662	Bearing — Needle	41 20 1	105302	Connector Body — Ignition	45 28 1
6663	Seal — Oil	41 19 1	105316	Cap — Lock Rod	20 12 2
7443	Pulley — Engine Drive	39 11 1	105453	Key	39 12 1
7456	Bracket	5 13 4	105490	Clamp	7 18 1
7607	Tire — Cleat, Rear	40 4 2	105503	Bushing	6 11 2
7879	Bushing	14 43 1	105524	Bracket — Pivot	6 14 2
7956	Washer — Thrust	11 25 1	105763	Hub — Rear	10 1 1
8616	Spring	20 1 2	105763	Hub — Rear	11 18 1
8830	"J"Clip	4 19 1	105797	Ring — Retaining	20 2 8
8830	"J"Clip	15 22 1	105797	Ring — Retaining	2 9 2
8830	"J"Clip	3 22 1	105876	Ring — Retaining	10 16 2
8830	"J"Clip	23 6 1	106222	Footrest — RH	5 15 1
8830	"J"Clip	20 8 1	106223	Footrest — LH	5 11 1
8830	"J"Clip	43 19 1	106236	Support — RH, Fuel Tank	6 29 1
9038	Grip	41 1 1	106267	Grommet — Rubber	8 30 1
9038	Grip	20 10 1	106269	Bearing — Flanged	9 8 2
9416	Bearing — Needle	10 7 1	106448	Tube — Filler	10 9 1
9416	Bearing — Needle	11 11 1	106522	Chain — Lift	9 4 1
9547	Washer — Thrust	11 33 1	106634	Pin — Hitch	21 6 1
9548	Washer — Thrust	19 44 4	106661	Cam — Eccentric	15 18 1
9865	Bearing — Thrust	19 45 2	106695	Ring — Push—On	41 27 1
100079	Tube — Front	40 20 2	106719	Drum — Brake	12 13 1
100291	Tube — Rear Cleat	40 * 2	106826	Washer — Thrust	10 4 1
100304	Spacer	13 12 2	106826	Washer — Thrust	11 15 1
100305	Washer — Friction	15 10 2	106948	Tray — Battery	43 28 1
100309	Bushing — Pivot, Cam	15 12 1	107069	Clip	5 14 2
100365	Washer — Spring, Disc	15 9 2	107069	Nut — Speed	4 15 5
100571	Tie — Cable	8 * 1	107374	Washer — Special	11 4 4
100571	Tie — Cable	43 20A/R	107938	Spring	14 41 1
100656	Bearing — Cam	13 19 1	108312	Gasket — Case	11 8 1
101017	Lock	20 16 1	108316	Pulley — Transmission Drive	39 7 1
101623	Gear — Differential Pinion	10 17 8	108316	Pulley — Transmission Drive	15 38 1
101699	Kit — Service, Cylinder	8 24 1	108319	Gasket — Pump	15 34 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
108323	Base — Filter	15 26 1	111052	Rod — Clutch, PTO	41 37 1
108325	Arm — Control, Speed	15 15 1	111071	Bumper	6 17 2
108326	Spacer — Pivot, Long	15 8 1	111196	Cap — Differential End	11 2 1
108327	Spacer — Pivot, Short	15 39 1	111196	Cap — Differential End	10 13 1
108329	Assembly — Plate, Control	15 5 1	111199	Bearing — Ball	11 3 1
108333	Plate — Control, Speed	15 11 1	111199	Bearing — Ball	10 19 1
108357	Seal — Oil	11 19 1	111201	Case — Transaxle, LH	11 7 1
108361	Axle — Rear, LH Short	11 1 1	111217	Tube — Suction	15 37 1
108362	Axle — Rear, RH Long	10 5 1	111234	Lever — Clutch, PTO	41 39 1
108363	Pin — Dowel	11 28 2	111314	Pin — Locking	41 30 1
108364	Fitting — Hyd., Straight	15 36 1	111332	Switch — Interlock Snap	45 39 2
108365	Fitting — Hydraulic 90°	15 33 2	111383	Collar	12 3 1
108366	Spacer — Drive, Gear	15 32 1	111488	Support — Switch	45 43 1
108368	Assembly — Pump & Motor	15 35 1	111498	Connector	45 40 5
108393	Fan	15 3 1	111642	Barrier — Switch Insulator	45 45 2
108393	Fan	39 3 1	111926	Decal — Electrical System	46 10 1
108457	Nut — Push On	4 2 1	111960	Decal — PTO Clutch	46 3 1
108457	Nut — Push On	5 18 1	111960	Decal — PTO Clutch	3 12 1
108464	Support — LH, Fuel Tank	6 27 1	112564	Lens — Taillight	45 36 2
108496	Rod — Pivot	14 34 1	112595	Button	17 10 2
108680	Spring	12 11 1	112600	Ring — Retaining	17 53 2
108716	Plate — Cam	13 31 1	112604	Seal	17 3 2
108717	Spacer	13 30 1	112608	Pin — Coil	17 21 1
108881	Nut	10 12 4	112610	Ball	17 24 2
108881	Nut	15 13 2	112611	Ring — Retaining	17 23 2
108898	Clamp — Corbin	7 15 2	112613	Plug — "O" Ring	17 48 1
108904	Rod Control 9 Long	13 14 1	112614	"O" Ring	17 49 1
109045	Bulb — Light (Auto #194)	45 35 2	112616	Screw	17 33 4
109081	Kit — Service, Valve	8 * 1	112616	Screw	17 54 2
109088	Kit — Service, Cylinder	8 25 1	112635	Screw	17 1 1
109101	Fuse — 20 Amp, ATO or ATC	45 1 1	112636	Bearing — Input	17 2 1
109189	Flange — Bearing	18 17 1	112637	Housing — Pump Assembly	17 4 1
109356	Bushing	12 19 1	112638	Ring — Seal	17 6 1
109357	Connector — Female	43 15 1	112639	Plate	17 7 1
109367	Bracket — Brake	11 23 1	112640	Ring — Seal	17 8 1
109370	Shaft	11 26 1	112641	Cover Assembly	17 9 1
109371	Band — Brake	12 17 1	112642	Pin	17 12 1
109372	Rod — Brake, Front	12 7 1	112643	Shaft — Input	17 13 1
109459	Clamp	43 18 2	112644	Ring — Seal	17 14 1
109494	Bezel — Headlight RH	2 20 1	112645	Rotor — Pump	17 15 1
109495	Bezel — Headlight LH	2 19 1	112646	Pintle Assembly	17 22 1
109500	Fitting — Grease	40 15 2	112647	Body — Check Valve	17 25 2
109546	Tube — Rear	40 2 2	112648	Ball	17 26 1
109553	Cover — Terminal	43 7 1	112649	Spring — Relief Valve	17 27 1
109554	Bracket — Support, Guard	5 6 1	112650	Plug — Relief Valve	17 28 1
109703	Gear	11 34 1	112651	Pin	17 29 1
109742	Gear 20 Tooth	11 30 1	112652	Shield	17 30 1
109751	Gear — 20 Teeth	15 31 1	112653	Ring — Retaining	17 31 1
109752	Gear 46 Tooth	11 29 1	112654	Ring — Retaining	17 5 2
109842	Bearing — Ball	41 23 1	112654	Ring — Retaining	17 32 2
109989	Spacer — Nylon	6 37 4	112656	Roller	17 34 6
110124	Hose — Valve To Cylinder	8 29 1	112657	Carrier	17 35 1
110125	Hose — Valve To Cylinder	8 18 1	112658	Seal	17 36 1
110189	Rod End Asm	13 13 2	112659	Kit — Control Shaft	17 37 1
110521	Line — Fuel 53	7 21 1	112660	Insert — Cam Ring	17 40 1
110636	Pad — Footrest	5 16 2	112661	Spring — Acc. Valve	17 41 1
110656	Trunnion	41 10 1	112661	Spring — Acc. Valve	17 42 1
110665	Assembly — Brake, PTO	41 34 1	112662	Body — Acc. Valve	17 43 2
110669	Plate — PTO	41 9 1	112663	Ball	17 44 2
110677	Wheel — Rear Cleat	40 * 2	112664	Rotor — Motor	17 45 1
110680	Wheel — Rear	40 5 2	112665	Shaft — Output	17 46 1
110768	Dipstick	10 10 1	112666	Bearing — Output	17 52 1
110960	Fender	6 25 1	112667	Kit — Seal, Overhaul	17 55 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317-112

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
112668	Ring — Cam	17 56 1	115392	Control — Throttle	3 30 1
112669	Body Assembly	17 50 1	115620	Cover — Console, 5—Gage	3 9 1
112764	Spindle — Front, RH	19 41 1	115783	Shield — Muffler	23 23 1
112765	Spindle — Front, LH	19 * 1	115877	Battery — 280 CCA	43 29 1
112771	Tie Rod End — Thread LH	19 40 2	116000	Bolt — Carriage	4 1 4
112772	Tie Rod End — Thread RH	19 35 2	116000	Bolt — Carriage	5 12 4
112773	Tube	19 37 2	116302	Arm — Control	8 8 1
112775	Nut — Thread LH	19 38 2	116305	Bracket — Control Rod	8 11 1
112791	Pulley — Idler	14 39 1	116309	Bracket — Support, Battery	4 7 1
112821	Cup — Bearing	40 8 2	116321	Arm — Control	14 51 1
112822	Seal	40 17 2	116324	Rod Assembly	14 52 1
112823	Bearing	40 9 2	116397	Relay	45 5 3
112824	Spacer	40 18 2	116407	Rod End	13 9 2
112825	Cap — Dust	40 11 2	116445	Decal — Brake, Parking	4 12 1
113010	Rod — Battery Hold Down	43 6 1	116445	Decal — Parking Brake	46 14 1
113023	Bracket — Fender	5 9 1	116446	Decal — Do Not Tow	46 13 1
113041	Piston	17 18 2	116446	Decal — Do Not Tow	6 30 1
113107	Clevis	41 31 1	116471	Muffler	23 5 1
113108	Rod — Housing, PTO	41 32 1	116609	Plate — Engine	23 15 1
113119	Connector — Female	45 42 1	116634	Knob — Hydraulic Lift	8 13 1
113136	Race — Pump	17 16 1	116635	Knob — Motion Control	13 1 1
113137	Race — Motor	17 47 1	116745	Rod — Pivot	2 12 1
113191	Switch — Light	45 6 1	116746	Bracket — RH	2 7 1
113193	Switch — Trans. Oil Temp	45 38 1	116747	Bracket — LH	2 10 1
113358	Sender — Fuel Level	7 5 1	116823	Axle — Front	19 43 1
113372	Gasket	7 4 1	116867	Tire — Turf Trac, Front	40 3 2
113454	Control — Cam	13 11 1	116971	Tire — Turf Trac, Rear	40 19 2
113874	Bracket — Engine	41 12 1	117191	Bracket — Holder, Fuse	4 4 1
113925	Cable — Battery, Pos.	43 8 1	117257	Tie — Snap In	45 * 1
113932	Stiffener — Panel	3 15 1	117267	Panel — Dash	3 7 1
113962	Panel — RH	3 1 1	117287	Wheel — Front	40 16 2
113969	Hook — Battery Hold Down	43 9 2	117328	Rod — Lift Control	8 9 1
114012	Tank — Fuel	7 3 1	117343	Keeper — Latch	3 19 2
114027	Control — Choke	3 31 1	117344	Latch — Hood	2 6 2
114052	Harness — Headlight	43 13 1	117432	Rivet — Pop	2 5 4
114210	Cable — Battery, Ground	43 30 1	117433	Rivet — RS Pop	3 20 4
114215	Cover — Exhaust, Front	23 20 1	117930	Latch — Mid Hitch	20 13 1
114216	Cover — Exhaust, Rear	23 4 1	118410	Cover — Steering	3 8 1
114217	Deflector — Air	23 1 1	118530	Plate — Toro Logo	25 41 1
114263	Spring — Seat	6 35 2	118530	Plate — Toro Logo	46 6 1
114264	Adjuster — LH (With Latch)	6 36 1	118560	Decal — Power Plus	46 18 1
114265	Slide — RH	6 39 1	118660	Guide — Control	13 4 1
114270	Sensor — Air Cleaner	45 15 1	118780	Screw — Plastite	3 11 4
114343	Spring — Gas	6 21 1	119230	Decal — Front Panel	46 7 1
114344	Spacer	6 22 2	119340	Cylinder — Hydraulic	8 26 1
114345	Bracket — Gas Spring	6 23 1	120400	Bar — Lift	9 20 1
114427	Logo — Hub Cap 8	40 12 2	120930	Body — Fuse	45 46 1
114594	Fuse — 10 Amp, ATO or ATC	45 47 1	121100	Lever — Lift	9 11 1
114628	Bracket — Switch	3 17 1	128860	Knob — Parking Brake Lever	13 26 1
114632	Connector — Male	45 18 1	201256	Link — Governor Control	25 24 1
114633	Terminal	45 17 12	201327	Screw	25 29 3
114636	Nipple	23 11 1	518211	Bumper	5 10 2
114641	Stop — Choke	3 14 1	900036	Bolt	3 24 2
114709	Assembly — Hood	2 3 1	910783	Screw	45 22 2
114720	Tube — Drain	43 10 1	910807	Screw	7 6 5
114763	Pipe	23 9 1	910837	Screw	5 17 1
114764	Elbow 90°	23 8 1	910837	Screw — Black	3 5 8
114767	Clamp	45 16 1	910837	Screw — Black	4 9 3
114823	Washer — Wave	14 45 2	910839	Screw	3 3 6
114881	Assembly — Plate	41 16 1	910839	Screw	4 11 2
114888	Screw	23 2 6	910948	Screw	45 7 4
114895	Belt — Drive	39 9 1	911423	Bolt	11 5 4
115230	Switch — Clutch	45 41 1	915031	Nut	19 30 4

*Not Illustrated

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
915032	Nut	18 6 1	NN10125	Standard	27 43 2
915732	Nut — Elastic	45 8 6	NN10126	.010 Undersize	27 43 2
915740	Nut	4 6 2	NN10127	.020 Undersize	27 43 2
920242	Spacer	19 31 4	NN10128	.030 Undersize	27 43 2
926671	Bolt	45 44 3	NN10132	Nut	35 20 1
926671	Screw — Cap Hex. Hd.	5 4 1	NN10143	Filter — Oil	32 7 1
926694	Bolt	5 3 2	NN10159	Cap & Indicator — Oil Fill	31 13 1
926694	Bolt	14 33 1	NN10176	Wrapper — Element	35 2 1
926694	Screw — Cap Hex. Hd.	4 13 14	NN10187	Tube — Air Intake	35 17 1
926794	Bolt	7 2 2	NN10190	Gasket	35 19 1
933135	Pin — Spirol	13 23 1	NN10207	Kit — Shaft, Choke	37 4 1
933198	Pin — Spirol	13 3 1	NN10208	Kit — Lever, Choke	37 5 1
933198	Pin — Spirol	8 7 1	NN10211	Cap — Fuel Fitting	7 17 1
933274	Pin — Spirol	41 29 1	NN10212	Pump — Fuel	7 14 1
933504	Pin — Cotter	12 27 1	NN10227	Rod — Governor Control	36 7 1
933505	Hairpin — Cotter	21 8 1	NN10239	Fitting — Barbed	35 18 1
937089	Key — Hi-Pro	15 7 1	NN10248	Nut — Hex. Flange Hd.	34 5 1
937089	Key — Woodruff	39 8 1	NN10249	Nut — Hex. Flange Hd.	34 4 1
937099	Key — Woodruff	11 27 1	NN10253	Cable — Spark Plug	34 9 2
937108	Key — Woodruff	11 14 1	NN10274	Switch — High Engine Temp	43 11 1
937108	Key — Woodruff	10 22 1	NN10277	Fuse — 30 Amp, ATO or ATC	45 1
943021	Elbow	45 12 1	NN10278	Connector — Male	43 14 1
950154	Clamp — Corbin	45 14 1	NN10279	Contact — Socket	43 25 1
973310	"O"Ring	8 17 4	NN10281	Connector — Male	43 26 1
973370	"O"Ring	15 * 1	NN10289	Clamp — Wire, Alternator	25 15 1
973370	"O"Ring	8 20 4	NN10302	Line — Fuel 7	7 13
979120	Spacer	21 5 2	NN10306	Hose — Fuel	36 18 1
9080026	Bolt	15 1 1	NN10348	Clip — Wire	34 11 2
9080026	Bolt	39 5 1	NN10348	Clip — Wire	36 19 1
9080026	Bolt — Nylok	41 17 4	NN10348	Clip — Wire	7 24 1
9080196	Screw — Cap Hex. Hd.	15 19 1	NN10362	Washer — Flat	36 4 1
9080356	Bolt	11 6 1	NN10370	Screw — Cap Hex Hd.	27 19 2
9080376	Bolt	18 27 2	NN10373	Screw — Cap Hex Hd.	32 4 2
9080406	Bolt	11 10 1	NN10375	Screw — Cap Hex. Hd.	36 12 4
9080406	Screw — Cap Hex. Hd.	15 6 1	NN10379	Screw — Cap Hex Hd.	31 7 4
9107922	Screw	3 28 4	NN10390	Screw — Hex. Washer Hd.	35 13 1
9108652	Screw	6 38 4	NN10394	Screw — Hex Washer Hd.	33 17 2
9114584	Bolt	13 18 2	NN10425	Washer — Int. Tooth	43 24 1
9157404	Nut — Lock	3 27 4	NN10446	Cover — Air Cleaner	35 6 1
9201604	Washer — Lock	45 25 1	NN10447	Hose	35 22 1
9202164	Washer	18 24 1	NN10448	Tube — Oil Fill	31 11 1
9202254	Washer	40 14 2	NN10478	Guide — Valve, Intake	27 24 2
9202324	Washer	8 27 1	NN10479	Guide — Valve, Exhaust	27 24 2
9202414	Washer	13 25 1	NN10506	Filter — Fuel	7 11 1
9202624	Washer	18 9 1	NN10508	Bracket — Cable	25 3 1
9266714	Bolt — Hex	43 17 2	NN10511	Lever — Choke	38 11 1
9266944	Bolt — Flange	6 18 2	NN10516	Insulator — Ignition, Module	33 15 1
9266944	Screw — Hex. Hd.	6 13 4	NN10545	Screw — Cap Hex. Hd.	36 15 2
9321204	Pin — Clevis	8 3 1	NN10545	Screw — Cap Hex. Hd.	33 25 4
9329974	Pin — Clevis	8 23 1	NN10545	Screw — Hex. Washer Hd.	34 6 2
9335054	Pin — Cotter	9 2 1	NN10553	Harness — Engine Wiring	43 27 1
9335054	Pin — Cotter	9 7 1	NN10656	Swivel — Choke Lever	38 9 1
9335054	Pin — Cotter, Hair	41 7 1	NN10769	Housing — Blower	25 43 1
9335064	Pin — Cotter, Hair	41 26 1	NN10773	Crankshaft	30 11 1
9335074	Pin — Cotter	9 12 2	NN10790	Line — Fuel 12	7 12 1
111216	Switch — Ignition	45 27 1	NN10811	Kit — Shaft, Throttle	37 1 1
12-3270	Screw — Hex. Hd.	23 3 3	NN10821	Cover — Valve	27 21 1
NN10018	Base — Oil	31 8 1	NN10824	Switch — Low Oil Pressure	43 12 1
NN10077	Spring — Valve	27 6 4	NN10824	Switch — Low Oil Pressure	32 6 1
NN10078	Washer — Valve Spring	27 7 4	NN10825	Kit — Gearcase	33 27 1
NN10079	Side — Left	27 39 1	NN10830	Plug — Cap	38 7 1
NN10082	Lock — Valve Spring	27 8 8	NN10832	Bracket — Governor Adjust	25 40 1
NN10100	Pin — Piston	27 49 2	NN10858	Jet — Power, Fixed, Optional	37 8 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10859	Jet — Idle	37 6 1	57-9720	Ring — Retaining	27 48 4
NN10877	Spring — Governor Rod	36 8 1	57-9730	Clip — Retaining	36 9 1
NN10886	Seal — Dust	28 6 1	57-9730	Clip — Retaining, Control Rod	33 4 1
NN10894	Drain — Oil Filter	32 9 1	57-9740	Washer — Flat, Copper	27 20 2
NN10895	Gasket — Gearcase Mtg.	33 8 1	57-9750	Washer — Flat	32 3 2
NN10929	Kit — Mounting Bracket	28 5 1	57-9750	Washer — Flat	33 24 5
NN10930	Cap — Starter, Solenoid	28 10 1	57-9760	Washer — Flat, Copper	27 2 1
38-1420	Switch — Seat	45 37 1	57-9770	Washer — Flat	28 2 2
55-3570	Cap — Fuel	7 9 1	57-9770	Washer — Flat	27 40 18
57-8000	Bearing — Camshaft	27 59 2	57-9790	Nut	27 47 4
57-8010	Gasket — Bearing Plate	27 27 1	57-9800	.020 Undersize	27 52 1
57-8020	Standard	27 52 1	59-0010	.030 Undersize	27 52 1
57-8030	.010 Undersize	27 52 1	59-0020	.002 Undersize	27 29 1
57-8050	Standard	27 29 1	59-0030	.020 Undersize	27 29 1
57-8060	.010 Undersize	27 29 1	59-0040	.030 Undersize	27 29 1
57-8090	Gasket — Oil Base	31 5 1	59-0050	Standard	27 36 2
57-8130	Gear — Crankshaft	30 12 1	59-0080	.010 Oversize	27 36 2
57-8140	Washer — Gear	30 13 1	59-0100	Standard	27 46 2
57-8150	Screw — Cap Hex Hd.	29 1 1	59-0110	.002 Oversize	27 46 2
57-8160	Washer — Thrust	27 35 2	59-0120	.005 Oversize	27 46 2
57-8170	Shim — Crankshaft .005	27 28A/R	59-0130	.010 Oversize	27 46 2
57-8180	Gear — Ring	29 6 1	59-0140	.025 Oversize	27 46 2
57-8210	Gear — Camshaft	30 5 1	59-0180	Side — Right	27 39 1
57-8230	Washer — Thrust, Special	30 6 1	59-0260	.002 Oversize	27 9 4
57-8280	Gasket — Valve Cover	27 18 2	59-0280	Spring — Bypass Valve	27 4 1
57-8330	Gasket — Cylinder Head	27 38 2	59-0290	Tube — Oil, Cylinder Block	27 51 1
57-8410	Bolt — Connecting Rod	27 44 4	59-0360	Tube — Vacuum Port	33 23 1
57-8450	Standard	27 9 4	59-0370	Cap — Vacuum Port	33 22 1
57-8460	Gasket Kit — Oil Pump	27 58 1	59-0400	Pin — Center	30 7 1
57-8470	Plunger — Bypass Valve	27 3 1	59-0420	Yoke — Governor Shaft	33 2 1
57-8480	Pump — Oil	27 54 1	59-0430	Spring — Idle Setting	25 6 1
57-8490	Cup — Intake, Oil Pump	31 4 1	59-0450	Cup — Governor	30 3 1
57-8580	Baffle — Breather Tube	27 11 1	59-0470	Bracket — Choke Cable	38 1 1
57-9050	Jet — Power	37 7 1	59-0590	Terminal — Stator Leads	33 18 2
57-9090	Ring — Retaining	30 1 1	59-0720	Pin — Cotter	38 10 1
57-9100	Spring — Governor	25 8 1	59-0720	Pin — Cotter	25 30 1
57-9120	Bushing — Control Arm	25 9 1	59-0730	Pin — Drive, Bearing Stop	27 26 4
57-9120	Swivel — Throttle Lever	25 32 1	59-0740	Pin — Dowel, Governor	33 9 1
57-9130	Hub — Governor Cup	30 2 1	59-0750	Pin — Alignment, Gear Cover	27 53 2
57-9180	Link — Choke	38 3 1	59-0790	Stud — Gear Cover	33 29 1
57-9190	Clamp — Cable	25 2 1	59-0810	Washer — Flat	29 3 1
57-9190	Clamp — Cable	25 27 1	59-0820	Washer — Flat	27 22 1
57-9190	Clip — Choke Cable	38 4 1	59-0820	Washer — Flat	25 34 4
57-9200	Gasket — Carb. Mounting	37 9 2	59-0830	Washer — Flat	25 4 2
57-9210	Gasket — Exhaust	23 19 2	59-0830	Washer — Flat	25 13 2
57-9340	Plug — Spark	34 8 2	59-0830	Washer — Flat	25 23 1
57-9360	.002 Undersize	27 52 1	59-0850	Washer — Flat	38 12 1
57-9370	Valve Grind/Carbon Removal	27 57 1	59-0880	Screw — Cap Flanged Hd.	27 32 5
57-9430	Regulator — Voltage 20 Amp	33 12 1	59-0900	Screw — Cap Hex. Hd.	27 41 18
57-9550	Clamp — Vacuum Port Cap	33 21 1	59-0910	Screw — Cap Hex. Hd.	27 5 1
57-9570	Seal — Oil, Governor Shaft	33 5 1	59-0950	Screw — Mach. Pan Hd.	33 1 2
57-9580	Seal — Oil, Crankshaft	33 26 1	59-0970	Screw — Tapping, Fl. Hd.	25 44 2
57-9590	Seal — Oil, Crankshaft Rear	27 31 1	59-0980	Screw — Tapping, Fl. Hd.	25 35 4
57-9610	"O" Ring	31 12 1	59-0980	Screw — Tapping, Wash. Hd.	25 14 2
57-9620	"O" Ring	36 5 1	59-1010	Screw — Self Tap. Fl. Hd.	25 28 1
57-9630	Bearing — Ball, Gov. Shaft	33 7 1	59-1030	Screw — Tapping Hex. Hd.	25 5 1
57-9640	Ball — Governor	30 4 5	59-1050	Screw — ST Pan Hd.	7 16 2
57-9650	Bearing — Governor Shaft	33 6 1	59-1050	Screw — Self Tap. Fl. Hd.	25 36 1
57-9660	Key — Crankshaft Gear	30 15 1	59-1080	Screw — Cap Hex. Fl. Hd.	25 18 4
57-9660	Key — Woodruff	30 8 1	59-1080	Screw — Cap Hex. Wash. Hd.	33 11 1
57-9690	Plug — Welch, Camshaft	27 25 1	59-1100	Screw — Lock Hd.	25 38 2
57-9700	Clip — Retaining, Control	36 6 1	59-1130	Nut — Hex.	33 28 1
57-9710	Ring — Retaining	30 14 1	59-1180	Capacitor	35 14 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
62-2740	Kit - Brush, Starter	28 13 1	78-8500	Lever - Parking Brake	13 22 1
62-2760	Kit - Bushing, Starter	28 12 1	79-0450	Lamp - .938 Long	45 10 3
62-2760	Kit - Hardware, Starter	28 4 1	79-0460	Lamp - 1.2 Long	45 * 1
62-2770	Kit - Shift Lever, Starter	28 8 1	79-1350	Pedal - Brake	12 1 1
62-2790	Assembly - Carburetor	36 10 1	79-2130	Board - Light Circuit	45 19 1
62-2800	Kit - Float	37 3 1	79-2660	Gauge - Vacuum	45 11 1
62-7770	Key - Padded Ignition	45 23 2	79-3180	Terminal - Ground	7 7 1
66-0120	Knob - Throttle Control	3 29 2	79-3630	Assembly - Wire Harness	45 48 1
71-5770	Valve - Intake	27 37 2	79-4020	Plate - Front	4 18 1
71-5780	Valve - Exhaust	27 45 2	79-4890	Panel - LH	3 18 1
71-5830	Cap - Valve	27 17 4	79-4990	Bracket - Support, Fender	6 28 1
71-5920	Flywheel	29 5 1	79-5020	Tube - Filter to Pump	15 29 1
71-5980	Gasket - Manifold To Block	36 16 2	79-5120	Hoodstand	4 14 1
71-5990	Cover - Plunger, Ignition	34 1 1	79-5130	Cover - Side, LH	4 16 1
71-6000	Coil - Battery Ignition	34 7 1	79-5220	Engine - 20HP	23 7 1
71-6010	Rotor - Ignition	34 13 1	79-5270	Filter - Oil	15 24 1
71-6040	Starter - Solenoid Shift,	28 3 1	79-5700	Bellcrank	9 14 1
71-6060	Clip - Wire	34 10 1	79-5720	Trunnion	9 5 1
71-6080	Bracket - Lift	25 19 2	79-6280	Head - Cylinder	27 39 2
71-6140	Grommet - Rubber	35 16 1	79-6330	Housing - Air Cleaner	35 11 1
71-6170	Seal - Oil Fill Tube	31 9 1	79-6340	Support - Air Cleaner	35 12 1
71-6180	Seal - Intake Valve	27 23 2	79-6370	Arm - Governor Control	25 7 1
71-6190	Key - Flywheel	29 7 1	79-6390	Bracket - Gov. Control	25 26 1
71-6220	Clip	43 22 1	79-6400	Bushing - Gov. Control	25 25 1
71-6220	Clip - Wire	25 17 1	79-6420	Adapter - Governor Arm	25 37 1
71-6290	Engine - Complete	27 57 1	79-6440	Screen - Air Inlet	29 4 1
71-6320	Camshaft	30 9 1	79-6460	Bracket - Fill Tube	31 2 1
71-6340	Screw	29 8 6	79-6470	Gasket - Oil Filter Adapter	32 1 1
71-6380	Control - Ignition	33 14 1	79-6490	Gasket - Plate	34 14 1
71-6460	Screw - Hex Washer Hd.	34 12 1	79-6510	Spacer - Stud	35 3 1
72-3880	Screw - Cap Flange Hd.	38 2 1	79-6520	Spacer - Rubber	35 7 1
72-3890	Screw - Hex. Hd.	25 33 1	79-6580	Screw - Cap Hex. Hd.	28 1 2
72-3890	Screw - Machine, Hex. Hd.	38 8 1	82-0020	Plate - Bearing, Rear	27 30 1
72-3900	Screw - Flange Hd.	38 5 1	82-0500	Adapter - Oil Filter	32 2 1
72-3900	Screw - Tapping Hex Hd.	25 1 1	82-0530	Clamp - Tube, Breather	27 12 1
72-3930	Kit - Solenoid, Starter	28 9 1	82-0540	Tube - Breather	27 10 1
72-3940	Assembly - Clutch, Starter	28 7 1	82-0550	Cap & Valve - Breather	27 15 1
76-1340	Decal - Made in U.S.A.	46 15 1	82-0560	Screen - Tube, Breather	27 14 2
76-1420	Steering Wheel	18 15 1	82-0570	"O"Ring - Cap, Breather	27 13 1
78-0020	Hourmeter	45 50 1	82-0620	Guard - Stationary	25 39 1
78-0030	Voltmeter	45 54 1	82-0650	Cover - Element	35 8 1
78-0040	Gauge - Fuel	45 53 1	82-0660	Element - Air Cleaner	35 1 1
78-0060	Tachometer	45 51 1	82-0680	Filter - Gasket Oil	32 8 1
78-0080	Bracket - Mounting	45 2 2	82-0780	Kit - Repair	37 2 1
78-0090	Bracket - Mounting	45 52 1	82-0850	Gasket - Carb/Manifold	36 11 1
78-0100	Bracket - Mounting	45 9 2	82-1000	Body - Terminal Conn. Kit	33 13 2
78-0370	Insert - Logo	18 14 1	82-1070	Fitting - Barbed	36 3 1
78-1411	Support - Steering	18 22 1	82-1080	Clamp	35 21 1
78-1450	Shaft	18 20 1	82-1080	Clamp - Hose	7 10 6
78-1481	Pinion	18 8 1	82-1080	Clamp - Hose 1/2 Dia.	36 2 2
78-1490	Shaft - Lower Steering	19 32 1	82-1090	Clamp - Hose .44 Dia.	36 2 1
78-1531	Shim 0.010	18 25 3	82-1120	Hose - Breather	36 1 1
78-1540	Bracket - Control, Lower	3 25 1	82-1130	Plug - Sq. Hd.	31 10 2
78-1540	Bracket - Control, Lower	14 47 1	82-1310	Washer - Flat	31 6 4
78-2680	Frame	20 9 1	82-1310	Washer - Lock	27 33 5
78-2990	Plate - Seat Pivot	6 15 1	82-1320	Washer - Flat	29 2 1
78-3320	Bracket - Mounting	45 49 1	82-1340	Washer - Flat	34 2 2
78-5631	Bracket - Control	13 5 1	82-1340	Washer - Flat	27 55 2
78-5640	Bar - Lift	8 5 1	82-1350	Nut	28 11 1
78-5660	Lever - Motion Control	13 2 1	82-1350	Washer - Flat	36 13 6
78-6020	Rod - Pivot	14 40 1	82-1360	Screw - Cap Hex. Hd.	34 3 2
78-7740	Arm - Brake Pivot	12 18 1	82-1370	Screw - Cap Hex. Hd.	27 56 2
78-8350	Decal - Indicator Lights	46 21 1	82-1370	Screw - Hex. Hd.	25 21 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
82-1480	Screw - Tapping Round Hd.	27 16 1	92-8946	Decal - Danger	4 10 1
82-1500	Screw - Machine, Hex Hd.	33 20 3	92-9826	Decal - Front	2 2 1
82-1510	Screw - Cap Hex. Hd.	32 10 2	92-9826	Decal - Front Hood	46 5 1
82-1540	Screw	43 23 1	92-9827	Decal - Rear Fender	46 4 1
82-1540	Screw - Hex. Washer Hd.	25 16 1	92-9833	Decal - 520 Hydro	46 9 2
82-1540	Screw - Hex. Washer Hd.	36 17 1	92-9834	Decal - Hood LH	46 2 1
82-1550	Screw - Hex. Washer Hd.	35 9 2	92-9834	Decal - Hood LH	2 16 1
82-1560	Screw - Pan Hd.	31 1 1	92-9835	Decal - Hood RH	2 * 1
82-1590	Screw - Pan Hd. Taptite	25 42 4	92-9835	Decal - Hood RH	46 1 1
82-1600	Screw - Cap Hex Fl. Hd.	25 11 2	92-9836	Plate - Wheel Horse Logo	46 20 1
82-1620	Washer - Lock	25 22 1	92-9836	Plate - Logo	2 1 1
82-1660	Washer - Int. Tooth Lock	33 16 2	92-9838	Decal - Danger	3 13 1
82-1670	Knob	35 5 1	92-9838	Decal - Danger	46 16 1
82-1700	Nut - Speed Type U	31 3 1	93-1613	Latch - Front Hitch	20 18 1
82-1800	Standard	27 42 2	237-69	"O"Ring	18 13 1
83-2720	Bolt - Lug	40 7 10	281-10	Plug - Pipe	10 20 2
83-2820	Spring	14 53 1	281-10	Plug - Pipe	15 27 3
83-6520	Rod - Lock	20 15 1	288-4	Cap	23 10 1
86-9280	Tube - Hydraulic (Pressure)	8 21 1	302-5	Fitting - Grease	12 26 1
86-9290	Tube - Hydraulic (Return)	8 32 1	302-5	Fitting - Grease	19 39 4
88-2790	Decal - Danger	46 19 1	302-5	Fitting - Grease, Straight	19 46 2
88-2790	Decal - Danger	10 23 1	302-16	Fitting - Grease	19 28 1
88-3200	Decal - Maintenance	46 17 1	321-3	Screw - Cap Hex. Hd.	4 3 2
88-3220	Seat	6 1 1	321-4	Bolt	13 6 2
88-3230	Kit - Armrest	6 * 1	321-4	Screw	8 10 1
88-3240	Block - Bearing	18 26 1	321-4	Screw - Cap Hex. Hd.	43 4 2
92-0270	Washer	3 10 4	321-6	Bolt	14 42 1
92-0900	Block - Cylinder (Short)	27 1 1	321-8	Bolt	6 19 2
92-0902	.010 Oversize	27 42 2	321-9	Screw - Hex. Hd.	13 17 1
92-0903	.020 Oversize	27 42 2	321-11	Bolt	8 31 2
92-0904	.030 Oversize	27 42 2	322-1	Bolt	19 33 1
92-0905	Standard	27 50 2	322-1	Screw - Cap Hex. Hd.	3 21 2
92-0906	.005 Oversize	27 50 2	322-2	Bolt	7 22 3
92-0907	.010 Oversize	27 50 2	322-3	Bolt	14 46 2
92-0908	.020 Oversize	27 50 2	322-3	Screw - Cap Hex. Hd.	4 17 5
92-0909	.030 Oversize	27 50 2	322-3	Screw - Cap Hex. Hd.	15 20 2
92-0911	Sleeve - Bearing	30 10 1	322-3	Screw - Cap Hex. Hd.	23 22 4
92-0912	Elbow - Street 45°	32 5 1	322-3	Screw - Cap Hex. Hd.	3 23 3
92-0913	Nut - Wing	35 4 1	322-3	Screw - Cap Hex. Hd.	6 26 4
92-0915	Screw - Machine Hex. Hd.	35 10 2	322-4	Bolt	6 10 2
92-0916	Screw - Shoulder	38 6 1	322-5	Bolt	9 3 1
92-0918	Manifold - Intake	36 14 1	322-5	Screw - Cap Hex. Hd.	5 7 2
92-0920	Housing - Cylinder Air, LH	25 12 1	322-5	Screw - Cap Hex. Hd.	6 33 4
92-0921	Housing - Cylinder Air, RH	25 20 1	323-6	Bolt	18 4 2
92-0967	Stator	33 19 1	323-6	Bolt	39 1 2
92-0986	Bracket - Arm L.H.	6 7 1	323-7	Screw - Cap Hex. Hd.	23 16 4
92-0987	Bracket - Arm R.H.	6 3 1	323-7	Screw - Cap Hex. Hd.	41 8 1
92-0988	Rest - Arm	6 4 2	323-8	Bolt	13 28 1
92-0989	Screw	6 5 2	323-8	Screw - Cap Hex. Hd.	23 18 4
92-0990	Screw	6 8 2	323-8	Screw - Hex. Hd.	14 38 1
92-0991	Nut - Acorn Lock	6 9 2	323-9	Bolt	18 11 6
92-0992	Screw	6 2 6	323-9	Bolt	12 20 1
92-0993	Spacer - Nylon	6 6 4	323-9	Bolt	13 27 1
92-0995	Shaft - Upper Steering	18 12 1	323-9	Screw - Hex. Hd.	11 24 1
92-1527	Guard - Belt	5 2 1	323-15	Bolt	11 9 2
92-7293	Plate - Hoodstand, Top	4 8 1	323-23	Bolt	12 15 1
92-7295	Plate - Hoodstand, Rear	3 4 1	323-25	Screw - Cap Hex. Hd.	15 4 2
92-7297	Transaxle	10 * 1	323-25	Screw - Hex. Hd.	11 22 3
92-7298	Case - Transaxle, RH	10 11 1	323-26	Screw - Hex. Hd.	11 21 1
92-8747	Decal - Attach-A-Matic	20 6 2	323-44	Screw - Cap Hex. Hd.	20 11 6
92-8747	Decal - Attach-A-Matic	46 12 1	3217-5	Nut	13 10 2
92-8749	Decal - Unidrive	46 11 1	3217-7	Nut	23 13 4
92-8946	Decal - Danger	46 8 1	3217-27	Nut - Hex.	45 4A/R

*Not Illustrated

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3218-1	Nut - Jam	41 36 2	3256-27	Washer - Flat	41 28 1
3218-3	Nut	10 3 2	3256-62	Washer	9 9 3
3218-3	Nut	11 17 2	3257-24	Key - Woodruff	15 14 1
3220-1	Nut	13 8 3	3272-1	Pin - Cotter	8 4 2
3220-11	Nut	19 36 2	3272-1	Pin - Cotter	2 14 2
3229-25	Bolt - Carriage	2 11 4	3272-6	Pin - Cotter	12 24 2
3229-25	Bolt - Carriage	41 33 2	3272-7	Pin - Cotter	19 29 4
3230-1	Bolt - Carriage	5 5 1	3272-10	Pin - Cotter	41 6 3
3231-25	Bolt - Carriage	20 5 3	3272-11	Pin - Cotter	18 5 1
3235-22	Bolt	12 16 1	3272-11	Pin - Cotter	12 8 2
3235-22	Screw - Hex. Hd., Nylon	7 25 1	3272-11	Pin - Cotter	8 22 1
3242-2	Screw - Set	15*40 2	3272-12	Pin - Cotter	40 13 2
3242-2	Setscrew	39 6 2	3272-21	Pin - Cotter	18 19 1
3243-5	Screw - Set	10 2 2	3272-22	Pin - Cotter	18 23 1
3243-5	Screw - Set	11 16 2	3290-378	Tie - Cable	43 * 7
3245-32	Screw - Set	12 4 1	3296-4	Nut	14 50 1
3247-4	Setscrew - Socket Hd.	27 34 2	3296-27	Nut	45 32 4
3250-31	Screw	45 29 4	3296-29	Nut	9 19 1
3253-2	Washer - Lock	33 10 3	3296-29	Nut	14 48 2
3253-3	Washer - Lock	43 2 2	3296-29	Nut	8 14 1
3253-3	Washer - Lock	41 11 2	3296-29	Nut - Lock	5 1 8
3253-4	Washer - Lock	15 21 2	3296-29	Nut - Lock	4 5 1
3253-4	Washer - Lock	23 21 4	3296-29	Nut - Lock	6 12 2
3253-4	Washer - Lock	7 23 2	3296-29	Nut - Lock	3 16 11
3253-4	Washer - Lock	19 34 1	3296-39	Nut	18 1 2
3253-4	Washer - Lock	6 34 4	3296-39	Nut	9 6 1
3253-5	Nut - Hex. Washer Hd.	35 15 1	3296-39	Nut	10 8 3
3253-5	Washer	27 33 5	3296-39	Nut	12 9 1
3253-15	Washer - Lock	45 21 2	3296-39	Nut	18 10 4
3253-17	Washer - Lock	7 8 5	3296-39	Nut	12 21 1
3253-21	Washer - Lock	21 2 4	3296-39	Nut	13 32 2
3253-21	Washer - Lock	23 12 4	3296-39	Nut	23 14 4
3254-1	Washer - Lock	45 31 4	3296-39	Nut - Lock	20 4 9
3254-2	Washer - Internal Tooth	2 18 1	3296-39	Nut - Lock	41 14 1
3254-8	Washer - Lock	19 48 1	3296-39	Nut - Lock	15 23 4
3255-25	Washer - Lock	45 3 2	3296-42	Nut	8 2 2
3256-4	Washer	7 1 2	3296-42	Nut	13 7 4
3256-4	Washer	12 22 1	3296-42	Nut	8 12 1
3256-4	Washer	13 29 2	3296-42	Nut - Lock	43 1 5
3256-6	Washer	12 23 2	3296-42	Nut - Lock	2 15 4
3256-21	Washer - Flat	45 20 2	3296-42	Nut - Lock	6 16 2
3256-21	Washer - Lock	39 2 2	3296-45	Nut - Lock	15 17 1
3256-22	Washer	13 16 2	32103-22	Nut - Wing	43 5 2
3256-22	Washer	2 17 3	32115-5	Nut - Speed	3 2 12
3256-22	Washer	6 20 2	32120-47	Ring - Retaining	9 16 1
3256-22	Washer - Flat	43 3 4	32120-47	Ring - Retaining	14 35 2
3256-22	Washer - Flat	41 35 2	32120-47	Ring - Retaining	13 20 4
3256-23	Washer	9 18 1	32120-62	Ring - Snap, Internal	41 24 1
3256-23	Washer	6 24 4	32120-64	Ring - Retaining	15 30 1
3256-23	Washer - Flat	5 8 2	32120-72	Ring - Snap, External	41 22 2
3256-23	Washer - Flat	3 26 4	32121-111	Pin - Spirol	18 16 1
3256-23	Washer - Flat	8 15 2	32128-33	Nut - Lock, Flange Hd.	3 6 2
3256-24	Washer	12 10 2	32136-5	Nut - Slotted	40 10 2
3256-24	Washer - Flat	23 17 4	32146-17	Nut	13 15 1
3256-26	Washer	9 1 1	32151-11	Ring - Retaining	41 2 1
3256-26	Washer	18 7 1	32151-29	Ring - Retaining	19 42 2
3256-26	Washer - Flat	21 7 1	32151-91	Ring - Retainer	9 10 2
3256-26	Washer - Flat	15 16 1	32312-94	Pin - Spirol	14 37 1

*Not Illustrated

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The 520 H 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 520H H, 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 H.
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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Optional Equipment

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

MAINTENANCE RECORD

[illegible]