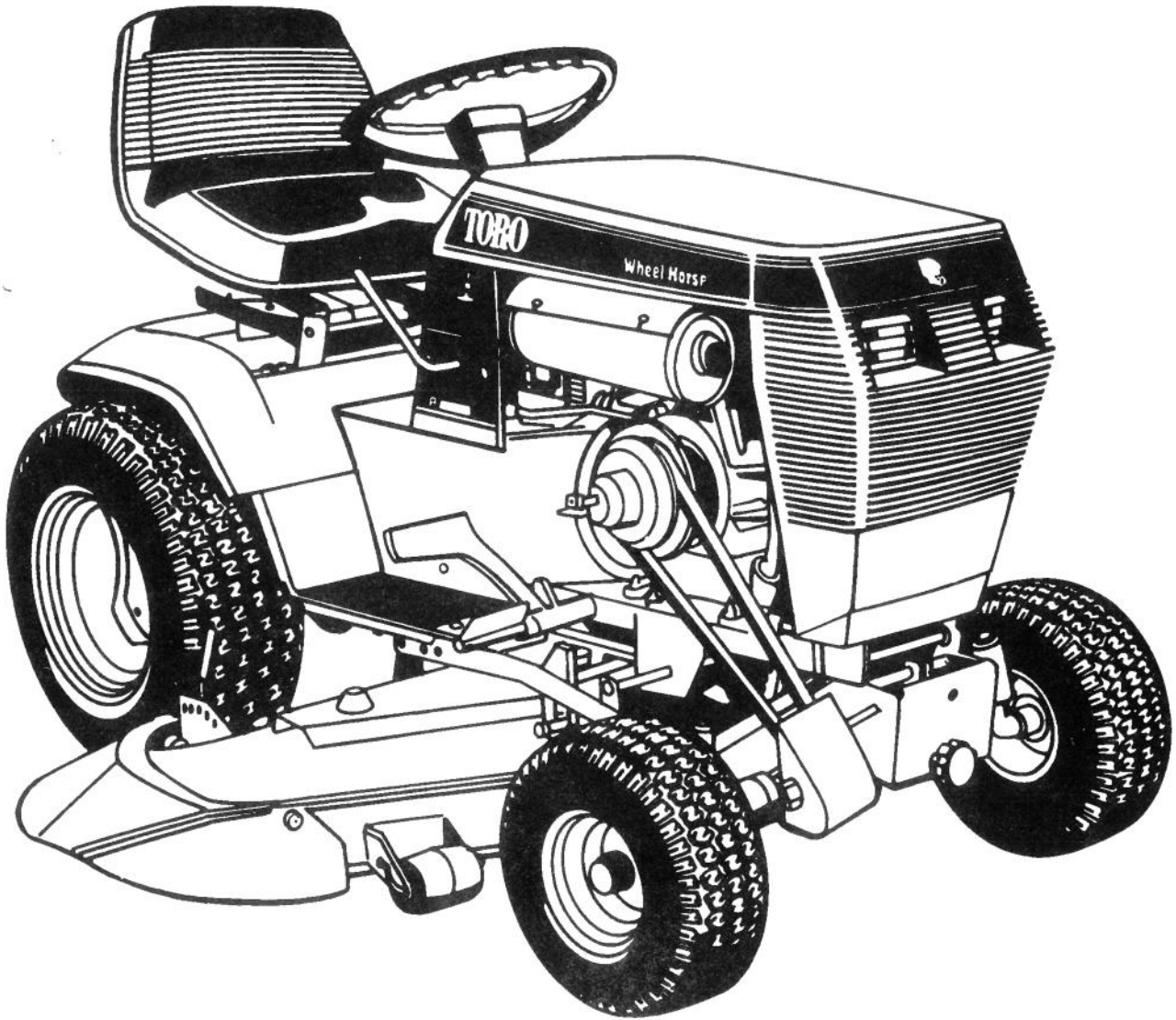
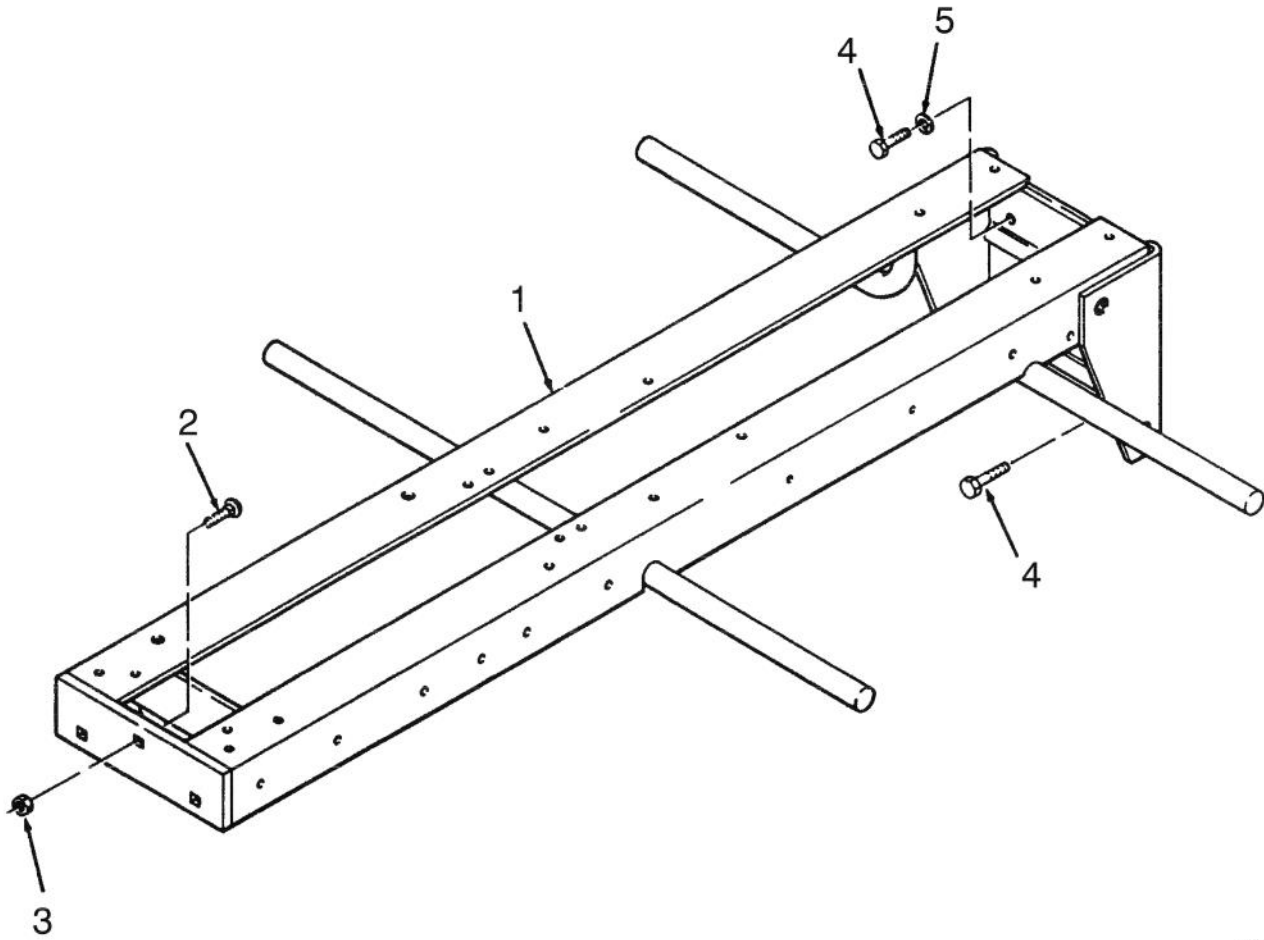


MODEL NO. 73421-390001 & UP

PARTS  
CATALOG

**WHEEL HORSE<sup>®</sup>**  
416-H Garden Tractor



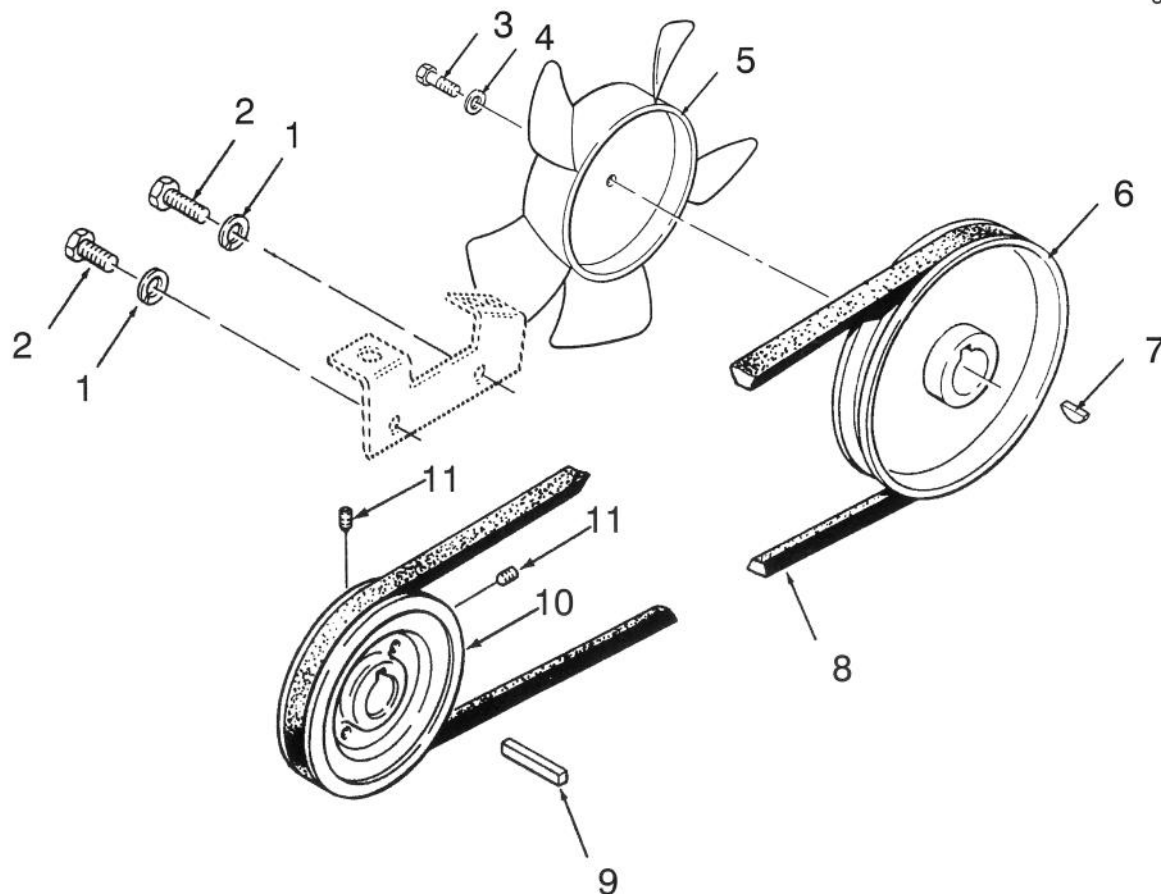


C-1471

### FRAME

Ref. No.	Part No.	Description	No. Used
1	78-2680	Frame	1
2	3231-25	Bolt - Carriage	3
3	3296-39	Nut	3

Ref. No.	Part No.	Description	No. Used
4	323-5	Bolt	4
5	3253-21	Washer - Lock	4



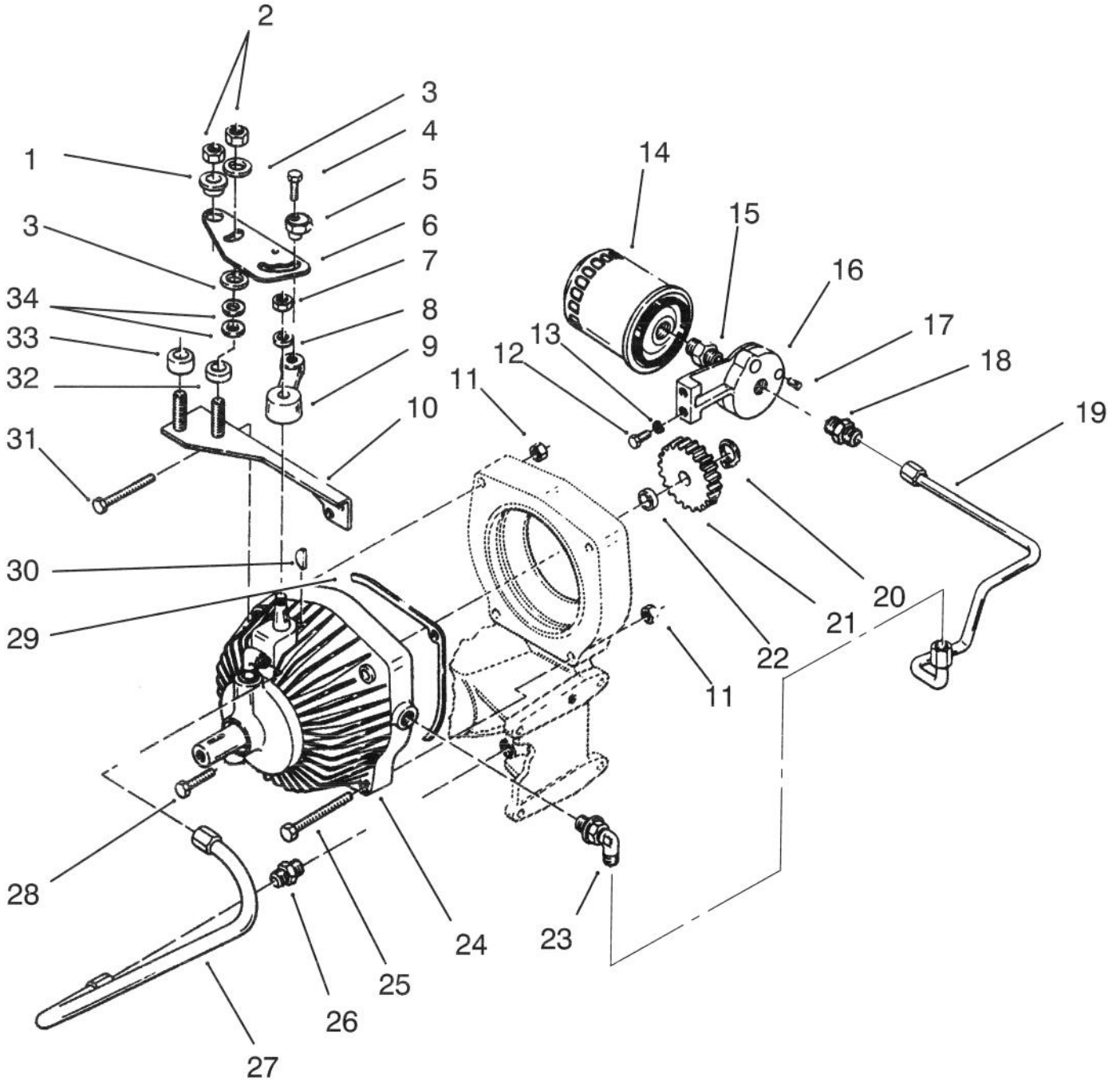
C-1608

## DRIVE BELT AND PULLEYS

Ref. No.	Part No.	Description	No. Used
1	3253-21	Washer - Lock	3
2	323-6	Bolt	3
3	321-3	Bolt	1
4	103995	Washer - Special	1
5	108393	Fan	1
6	108316	Pulley - Transmission Drive	1

Ref. No.	Part No.	Description	No. Used
7	937221	Key - Hi-Pro	1
8	114895	Belt - Drive	1
9	105453	Key	1
10	7443	Pulley - Engine Drive	1
11	3246-2	Screw - Set	2

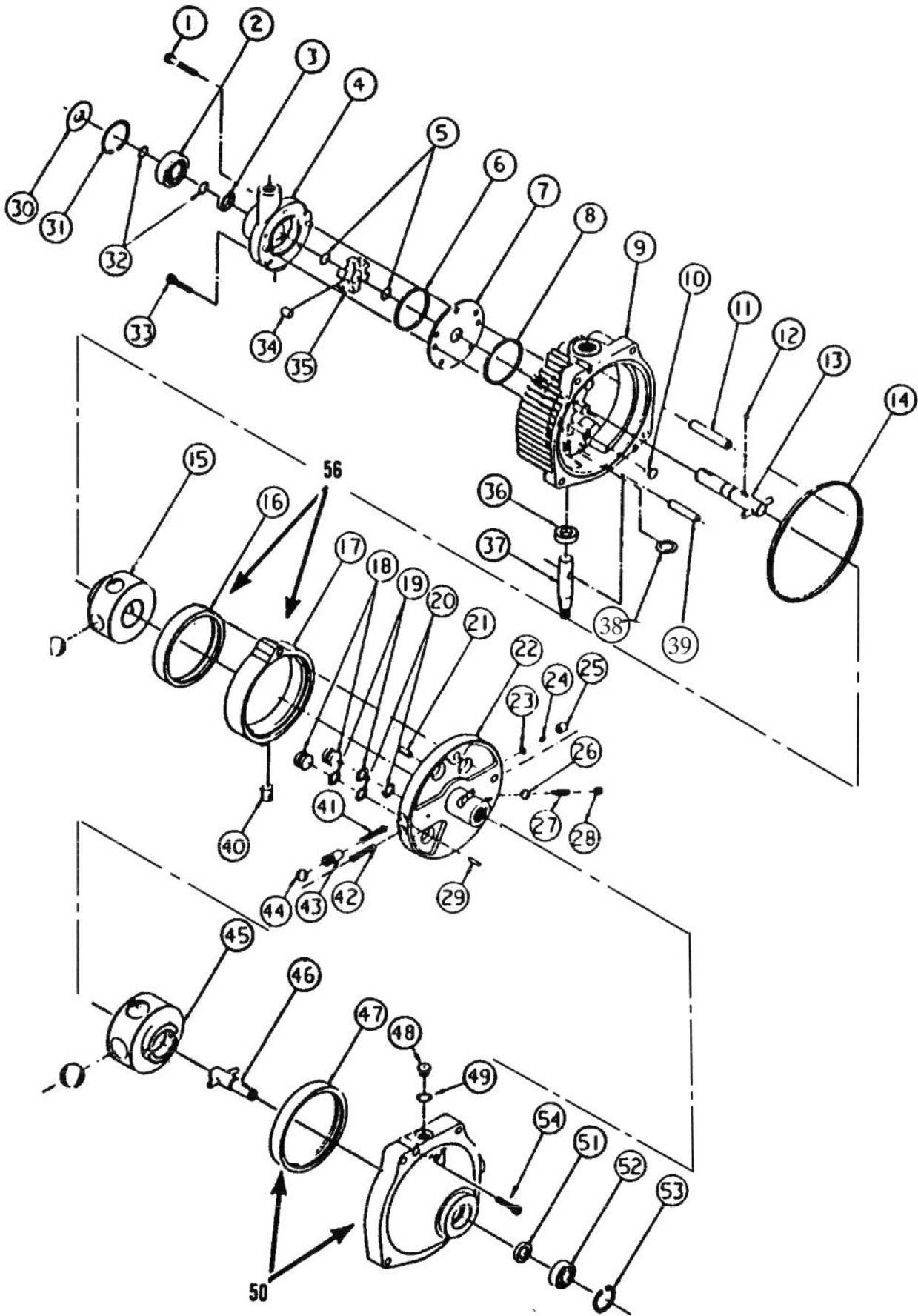
# TRANSAXLE HYDRAULIC SYSTEM



# TRANSAXLE HYDRAULIC SYSTEM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	100309	Spacer	1	18	102628	Fitting (With 973370 O"Ring)	1
2	108881	Nut - Lock	2	19	79-5020	Tube Assembly	1
3	100305	Washer - Friction	2	20	32120-64	Ring - Retaining	1
4	322-5	Bolt	1	21	109751	Gear 20 Tooth	1
5	106661	Cam - Eccentric	1	22	108366	Spacer - Drive Gear	1
6	108333	Cam - Speed Control	1	23	108365	Elbow (With 973370 O"Ring)	1
7	3296-23	Nut	1	24	108368	Pump & Motor	1
8	3296-26	Washer	1	25	323-26	Bolt	1
9	108325	Speed Control	1	26	108364	Fitting (With 973620 O"Ring)	1
10	108329	Plate - Control	1	27	111217	Tube - Suction	1
11	3296-39	Nut	4	28	9080406	Bolt	1
12	322-3	Bolt	2	29	108319	Gasket	1
13	3253-4	Washer - Lock	2	30	3257-24	Key - Woodruff	1
14	79-5270	Filter - Oil	1	31	323-25	Bolt	2
15	5991	Fitting	1	32	108327	Spacer - Friction, Short	1
16	108323	Base - Oil Filter	1	33	108326	Spacer - Pivot, Long	1
17	281-10	Plug - NPT	1	34	100365	Washer - Spring Disc	2

# HYDRAULIC PUMP AND MOTOR



# HYDRAULIC PUMP AND MOTOR

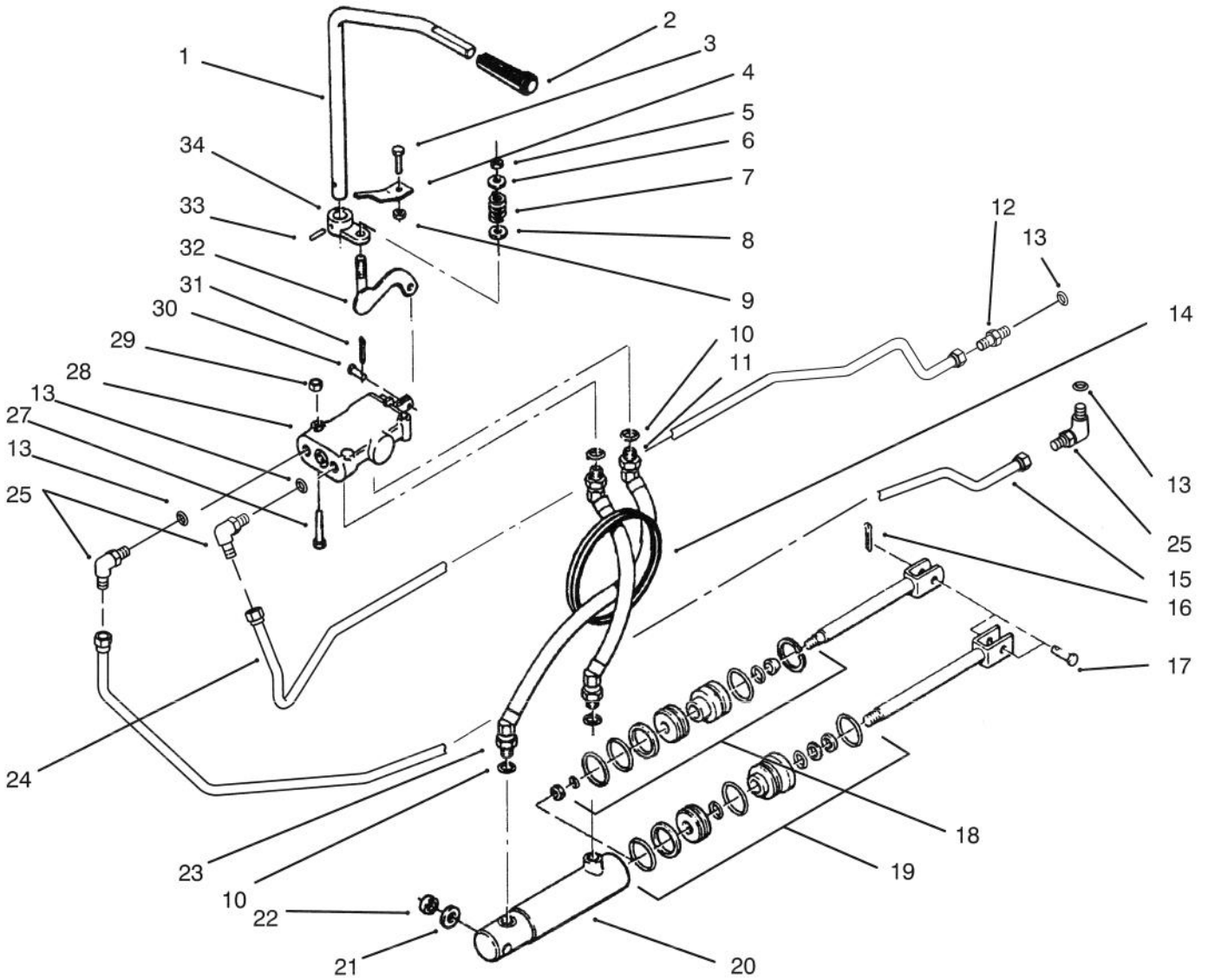
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	112635	Screw	1	29	112651	Pin	1
2	112636	Bearing – Input	1	30	112652	Shield	1
3	112604	Seal	2	31	112653	Ring – Retaining	1
4	112637	Housing – Pump Assembly (Incl. Ref.# 2)	1	32	112654	Ring – Retaining	2
5	112654	Ring – Retaining	2	33	112616	Screw	4
6	112638	Ring – Seal	1	34	112656	Roller	6
7	112639	Plate	1	35	112657	Carrier	1
8	112640	Ring – Seal	1	36	112658	Seal	1
9	112641	Cover Assembly (Incl. Ref. #3, 6, 8,10, 11, 19, 20, 36-39, & 51)	1	37	112659	Kit – Control Shaft	1
10	112595	Button	2	38		Washer	1
11		Pin – Pivot	1	39		Dowel	1
12	112642	Pin	1	40	112660	Insert – Cam Ring	1
13	112643	Shaft – Input	1	41	112661	Spring – Acc. Valve	1
14	112644	Ring – Seal	1	42	112661	Spring – Acc. Valve	1
15	112645	Rotor – Pump	1	43	112662	Body – Acc. Valve	2
16	113136	Race – Pump	1	44	112663	Ball	2
17		Ring – Cam	1	45	112664	Rotor – Motor	1
18	113041	Piston	2	46	112665	Shaft – Output	1
19		Ring – Back Up	2	47	113137	Race – Motor	1
20		"O"Ring	2	48	112613	Plug – "O"Ring (incl. Ref. #49)	1
21	112608	Pin – Coil	1	49	112614	"O"Ring	1
22	112646	Pintle Assembly (Inc. Ref. #21, 23-29 &41-44)	1	50	112669	Body Assembly (Incl. Ref. #51, 53 & 54)	1
23	112611	Ring – Retaining	2	51		Seal	1
24	112610	Ball	2	52	112666	Bearing – Output	1
25	112647	Body – Check Valve	2	53	112600	Ring – Retaining	2
26	112648	Ball	1	54	112616	Screw	2
27	112649	Spring – Relief Valve	1	55	112667	Kit – Seal, Overhaul (Incl. Ref.# 3, 6, 8, 14, 19, 20, 36, 49 & 51)	1
28	112650	Plug – Relief Valve	1	56	112668	Ring – Cam	1



# TRANSAXLE

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-7297	Transaxle (Incl.. Ref. # 41)	1	20	101889	Gear - Differential Axle 24 Tooth	2
2	92-7298	Case - Transaxle, RH	1	21	105876	Ring - Retaining	2
3	111201	Case - Transaxle, LH	1	22	109703	Gear Assembly	1
4	111199	Bearing - Ball	2	23	101625	Gear - Pinion 11 Tooth	1
5	9416	Bearing - Needle	2	24	101626	Gear - Pinion 44 Tooth	1
6	1532	Bearing - Needle	2	25	9547	Washer - Thrust	1
7	1538	Bearing - Needle	1	26	109370	Shaft	1
8	1518	Bearing - Needle	1	27	101887	Gear 46 Tooth	1
9	6449	Axle - Seal	2	28	109742	Gear 20 Tooth	1
10	108357	Seal	1	29	937099	Key - Woodruff	1
11	108363	Pin - Dowel	2	30	7956	Washer - Thrust	1
12	111196	Cap - Differential End	2	31	108312	Gasket - Case	1
13	105061	Gear - Differential Ring 43 Tooth	1	32	109367	Bracket - Brake	1
14	101623	Gear - Differential Pinion 11 Tooth	8	33	9080406	Bolt	1
15	107374	Washer - Special	4	34	323-7	Bolt	1
16	911423	Bolt	4	35	323-25	Bolt	1
17	108881	Nut	4	36	323-15	Bolt	2
18	108362	Axle - Rear, RH Long 13-1/8 in./33 cm	1	37	3296-39	Nut	3
19	108361	Axle - Rear, LH Short 10-1/8 in./26 cm	1	38	106448	Tube - Filler	1
				39	110768	Dipstick	1
				40	281-10	Plug - Pipe	2
				41	88-2790	Decal - Danger	1

# HYDROSTATIC SYSTEM



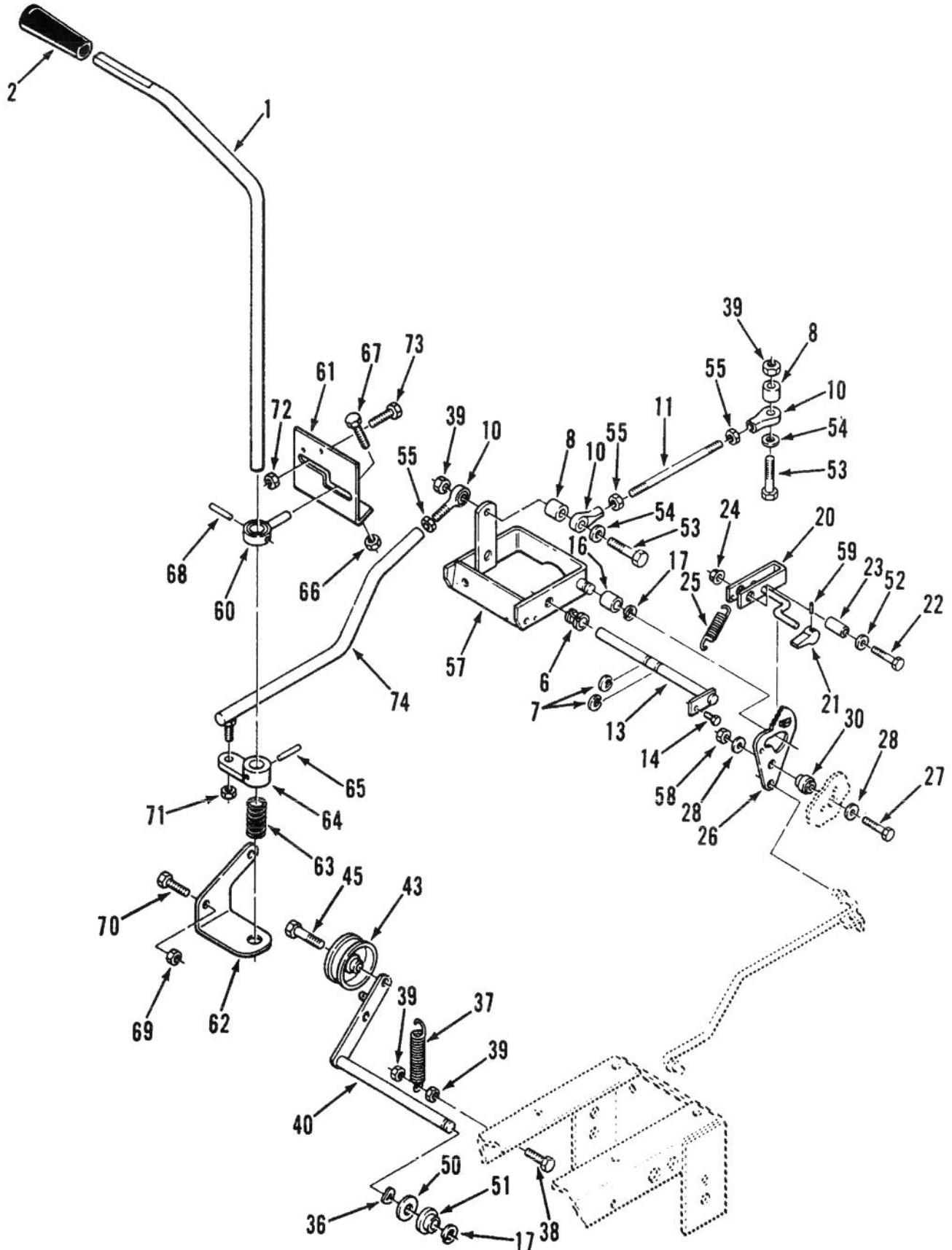
# HYDROSTATIC SYSTEM

Ref. No.	Part No.	Description	No. Used
1	78-5670	Rod - Lift Control	1
2	116634	Knob - Hydraulic Lift	1
3	321-3	Screw	1
4	116305	Bracket - Control Rod	1
5	3296-29	Nut	1
7	104841	Spring	1
8	321-10	Washer	1
9	3296-42	Nut	1
10	973310	"O"Ring	2
11	110125	Hose - Valve To Cylinder 9"	1
12	102628	Fitting - Straight (Incl. Ref.# 13)	1
13	973370	"O"Ring	4
14	106267	Grommet - Rubber (Pressure)	1
15	86-9280	Tube - Hydraulic	1
16	3272-11	Pin - Cotter	1
17	9329974	Pin - Clevis	1
18	101699	Kit - Service Assembly Cylinder Repair	1
19	109088	Kit - Service Assembly Cylinder Repair	1

Ref. No.	Part No.	Description	No. Used
20	119340	Cylinder - Hydraulic (Incl. Ref.# 18-19)	1
21	107691	Spacer	1
22	1278	Washer - Shim	1
23	110124	Hose - Valve To Cylinder 14"	1
24	86-9290	Tube - Hydraulic (Return)	1
25	108365	Fitting - 90° (Incl. Ref.# 13)	3
27	321-11	Bolt	2
28	114000	Valve - Hydraulic (Incl. Ref.# 30-31)	1
*	109081	Kit - Valve Assembly Repair	1
29	3296-42	Nut	2
30	9321204	Pin - Clevis	1
31	9320004	Pin - Cotter	2
32	78-5640	Bar - Lift	1
33	933198	Pin - Spirol	1
34	116302	Arm - Control	1
*	100571	Tie - Cable	1

\*Not Illustrated

# CLUTCH, BRAKE MOTION CONTROL LINKAGE

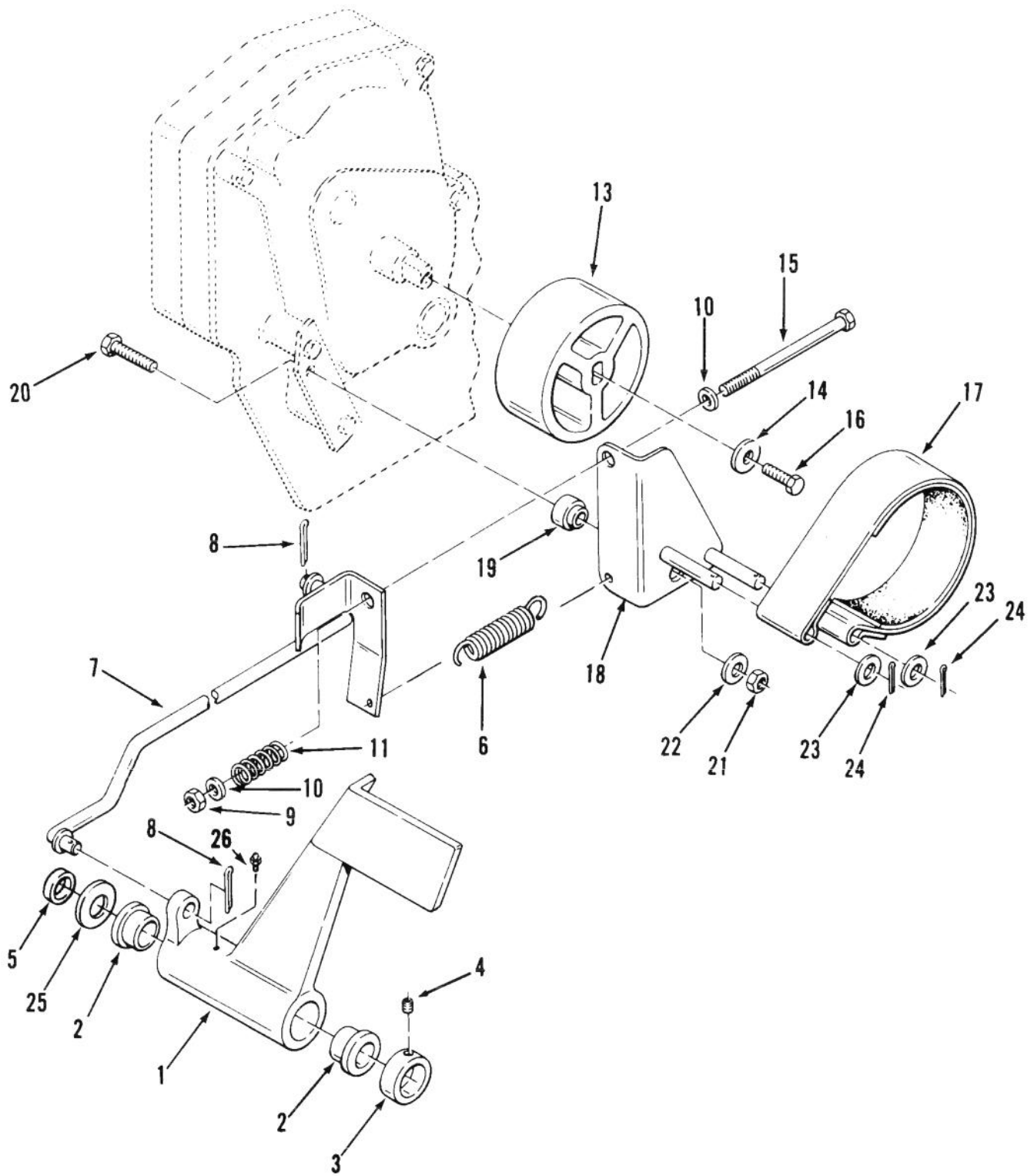


# CLUTCH, BRAKE MOTION CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
1	78-5660	Lever - Motion Control	1
2	116635	Knob - Motion Control	1
6	5983	Bushing	2
7	32120-47	Ring - Retaining	2
8	100304	Spacer	2
10	116407	Rod End	2
11	108904	Rod Control 9" Long	1
13	108496	Rod - Pivot	1
14	926694	Bolt	1
16	100656	Bearing - Cam	1
17	32120-47	Ring - Retaining	4
20	78-8500	Lever - Parking Brake	1
21	118860	Knob - Parking Brake Lever	1
22	323-9	Bolt	1
23	102025	Spacer	1
24	102809	Nut - Special, Flanged	1
25	1230	Spring	1
26	108716	Plate - Cam	1
27	323-8	Bolt	1
28	3256-4	Washer	2
30	108717	Spacer	1
36	108473	Washer - Wave	2
37	107938	Spring	1
38	321-6	Bolt	1
39	32146-17	Nut	4
40	78-6020	Rod - Pivot	1
42		Pin - Cotter	1

Ref. No.	Part No.	Description	No. Used
43	7451	Pulley - Idler	1
45	106193	Bolt - Special	1
50	3256-26	Washer	1
51	7879	Bushing	1
52	3256-24	Washer	1
53	321-9	Bolt	2
54	3256-22	Washer	2
55	3220-1	Nut	3
57	113454	Control - Cam	1
58	3296-39	Nut	2
59	933135	Pin - Spirol	1
60	118660	Guide - Control	1
61	78-5631	Bracket - Control	1
62	78-1540	Bracket - Control, Lower	1
63	101853	Spring	1
64	116321	Arm - Control	1
65	32312-94	Pin - Spirol	1
66	3296-42	Nut	2
67	321-4	Bolt	2
68	933198	Pin - Spirol	1
69	3296-29	Nut	2
70	322-3	Bolt	2
71	3296-4	Nut	1
72	3296-29	Nut	1
73	322-2	Bolt	1
74	116324	Rod Assembly	1

# CLUTCH, BRAKE AND SPEED CONTROL LINKAGE

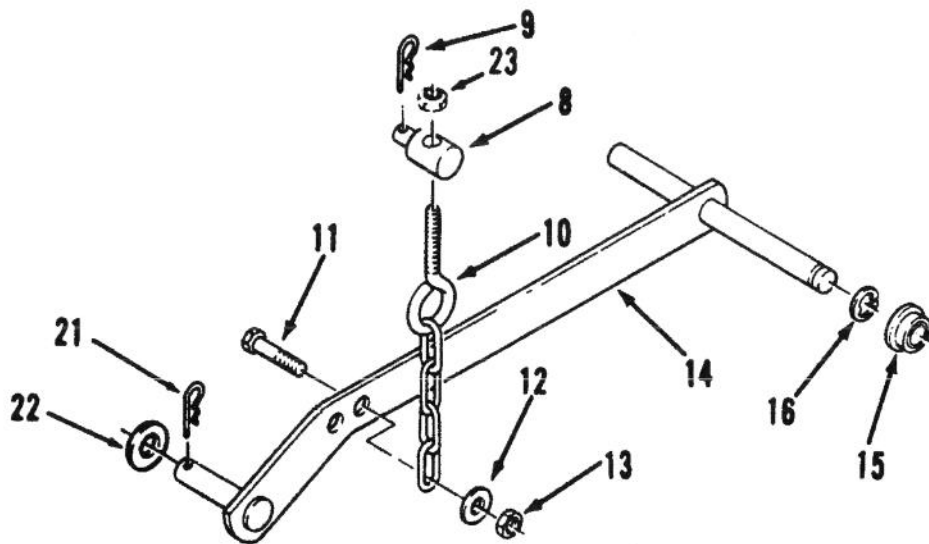
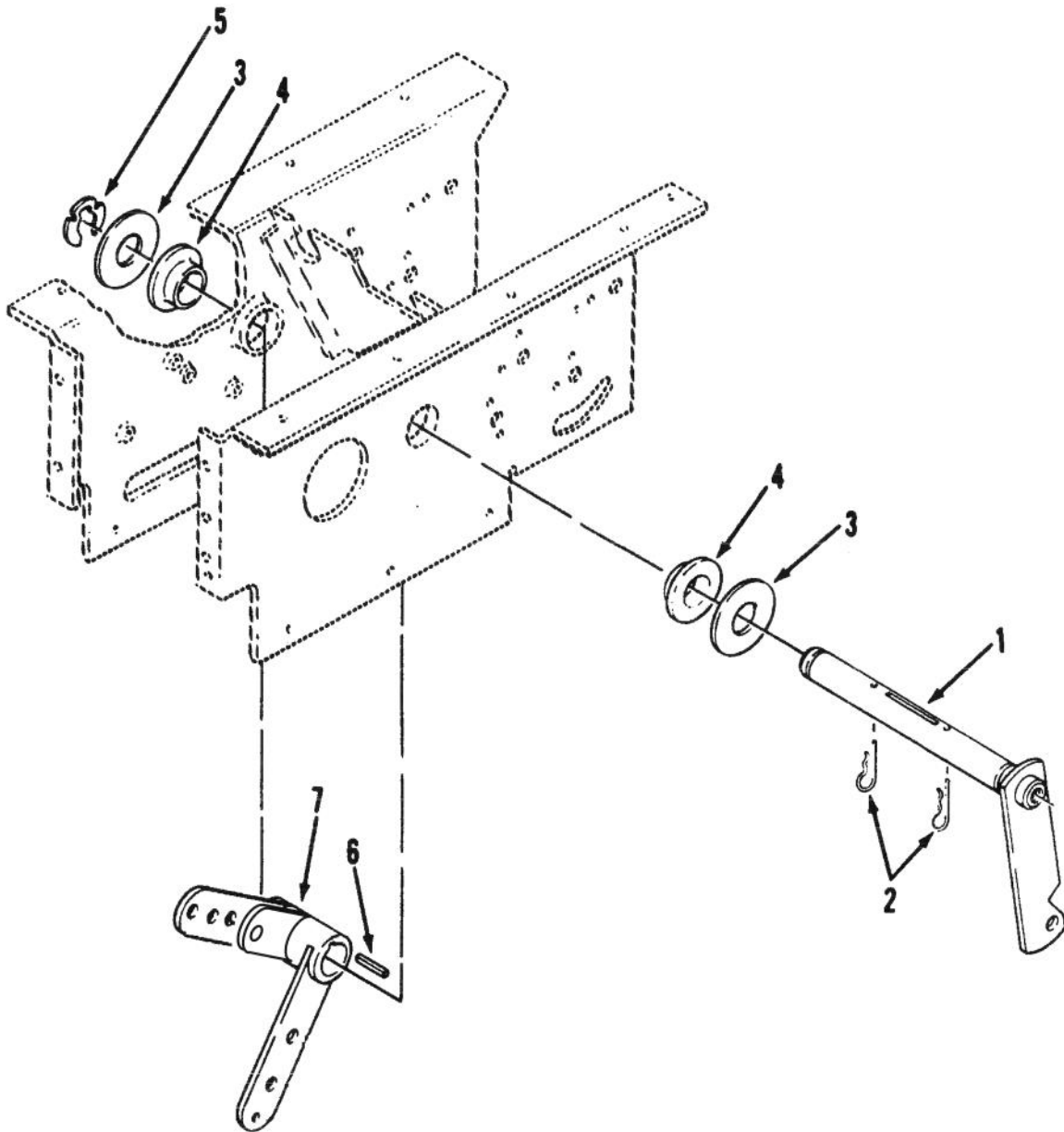


# CLUTCH, BRAKE AND SPEED CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
1	79-1350	Pedal - Brake/Return To Neutral	1
2	6254	Bushing	2
3	1085	Collar	1
4	3245-32	Screw - Set	1
5	107691	Spacer	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

Ref. No.	Part No.	Description	No. Used
14	2844	Special Washer	1
15	323-23	Bolt	1
16	3235-22	Bolt	1
17	109371	Band - Brake	1
18	109367	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	1030	Fitting - Grease	1

# HYDROSTATIC LIFT LINKAGE



# HYDROSTATIC LIFT LINKAGE

Ref. No.	Part No.	Description	No. Used
1	121100	Lever - Lift	1
2	933507	Pin - Cotter	2
3	3256-30	Washer	3
4	106269	Bushing	2
5	32151-91	Retainer	1
6	1121	Key - Sq.	1
7	78-1550	Bellcrank	1
8	6739	Trunnion	1
9	9335054	Pin - Cotter	1
10	106522	Chain - Lift	1

Ref. No.	Part No.	Description	No. Used
11	322-5	Bolt	1
12	3256-23	Washer	1
13	3296-29	Nut	1
14	113445	Bar - Lift	1
15	6229	Bearing	1
16	32120-47	Ring - Retaining	1
21	9335054	Pin - Cotter	1
22	3256-26	Washer	1
23	3296-39	Nut	1



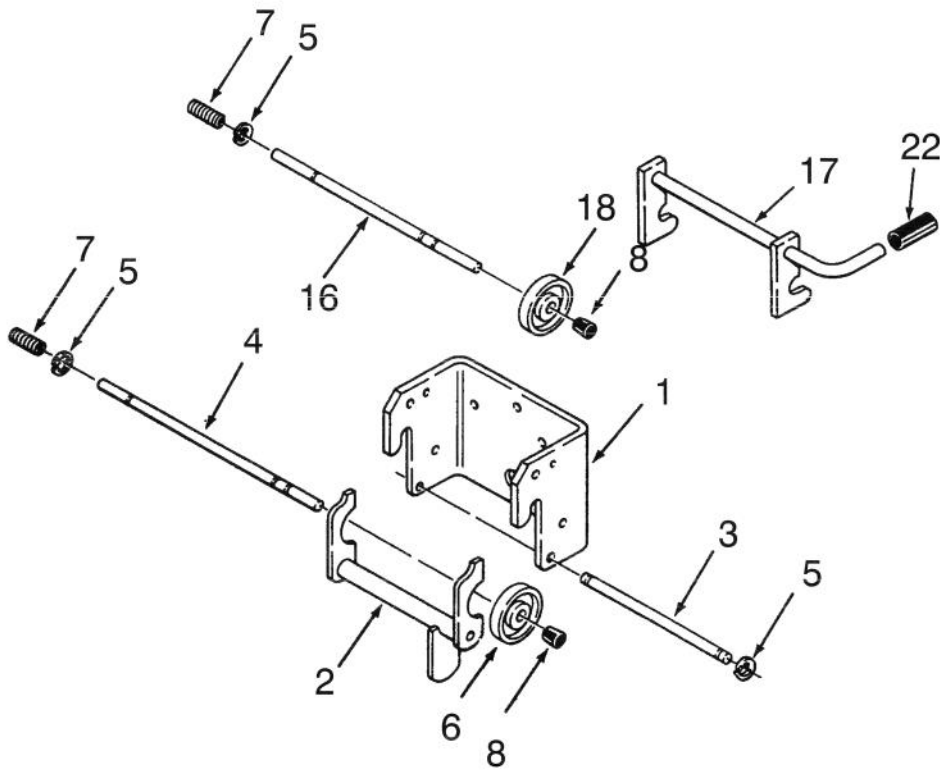
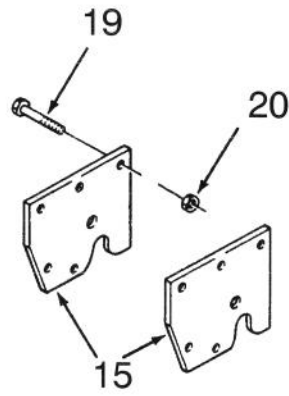
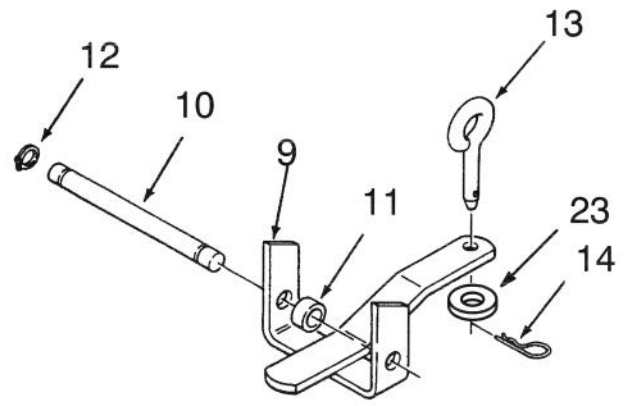
## FRONT AXLE AND STEERING

Ref. No.	Part No.	Description	No. Used
1	5638	Axle – Front	1
2	302-5	Fitting – Grease	2
3	1481	Fitting – Grease, 45°	2
4	6216	Pin & Plate	1
5	322-1	Bolt	1
6	3253-4	Washer – Lock	1
7	113382	Spindle – Front, R.H.	1
*	113381	Spindle – Front, L.H.	1
8	5618	Ring – Retaining	1
10	78-2900	Tie Rod Assembly (Incl. Ref. # 38 & 39)	2
11	9156934	Nut	4
12	6472	Bearing – Flanged	1
13	323-6	Bolt	2
14	3296-39	Nut – Lock	4
15	78-2880	Shaft	1
16	5210	Washer – Shim	8
17	1278	Washer – Shim	3
18	3272-19	Pin – Cotter	1

Ref. No.	Part No.	Description	No. Used
19	88-2710	Support – Steering	1
20	323-9	Bolt	2
23	6397	Bearing	1
24	109189	Bearing	1
25	92-4987	Steering Shaft Assembly	1
28	113443	Tube – Steering	1
29	7896	Washer – Bowed	1
30	76-1420	Steering Wheel (Incl. Ref. #40)	1
31	32121-111	Pin – Spirol	1
32	109262	Washer – Special	2
34	32120-93	Ring – Retaining	2
37	32136-5	Nut – Slotted	1
38	78-2920	Joint – Ball	1
39	9150024	Nut	1
40	78-0370	Insert	1
41	237-69	"O" Ring	1
42	3272-21	Pin – Cotter	1

\*Not Illustrated

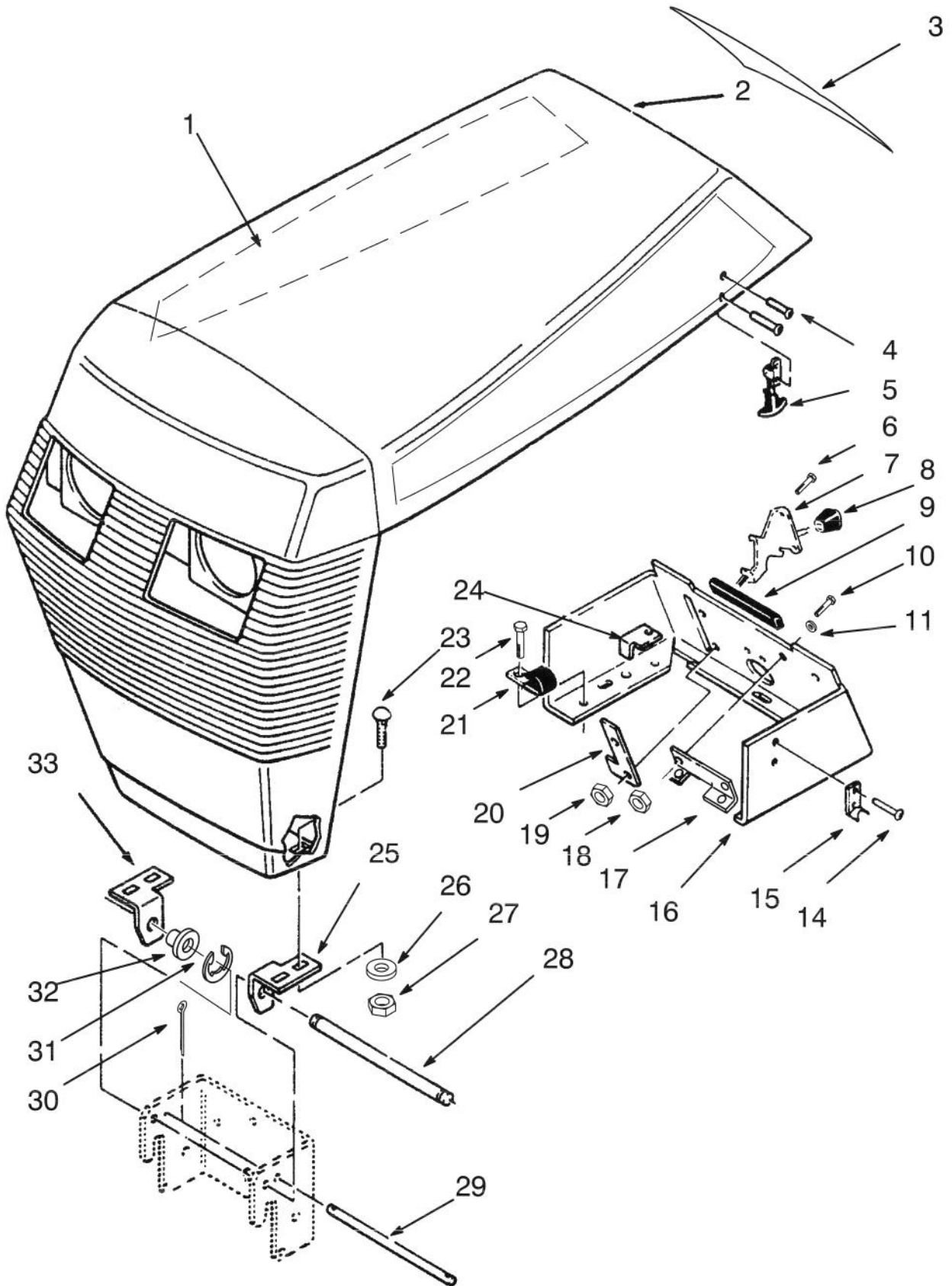
# HITCHES



# HITCHES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	101711	Housing – Front Hitch	1	12	5618	Ring – Retaining	2
2	105859	Latch – Front Hitch	1	13	106634	Pin – Hitch	1
3	101750	Rod	1	14	9335054	Pin – Cotter	1
4	101751	Rod – Front Hitch Lock	1	15	102644	Plate – Mid Hitch	2
5	105797	Ring – Retaining	8	16	83-6520	Rod – Mid Hitch Lock	1
6	101707	Lock – Front Hitch	1	17	117930	Latch – Mid Hitch	1
7	8616	Spring	2	18	101017	Lock – Mid Hitch	1
8	105316	Cap – Lock Rod	2	19	323-44	Bolt	6
9	1644	Hitch – Drawbar	1	20	108881	Nut	6
10	105269	Shaft – Drawbar Hitch	1	22	9038	Grip	1
11	9791204	Spacer	2	23	3256-26	Washer	1

# HOOD ASSEMBLY

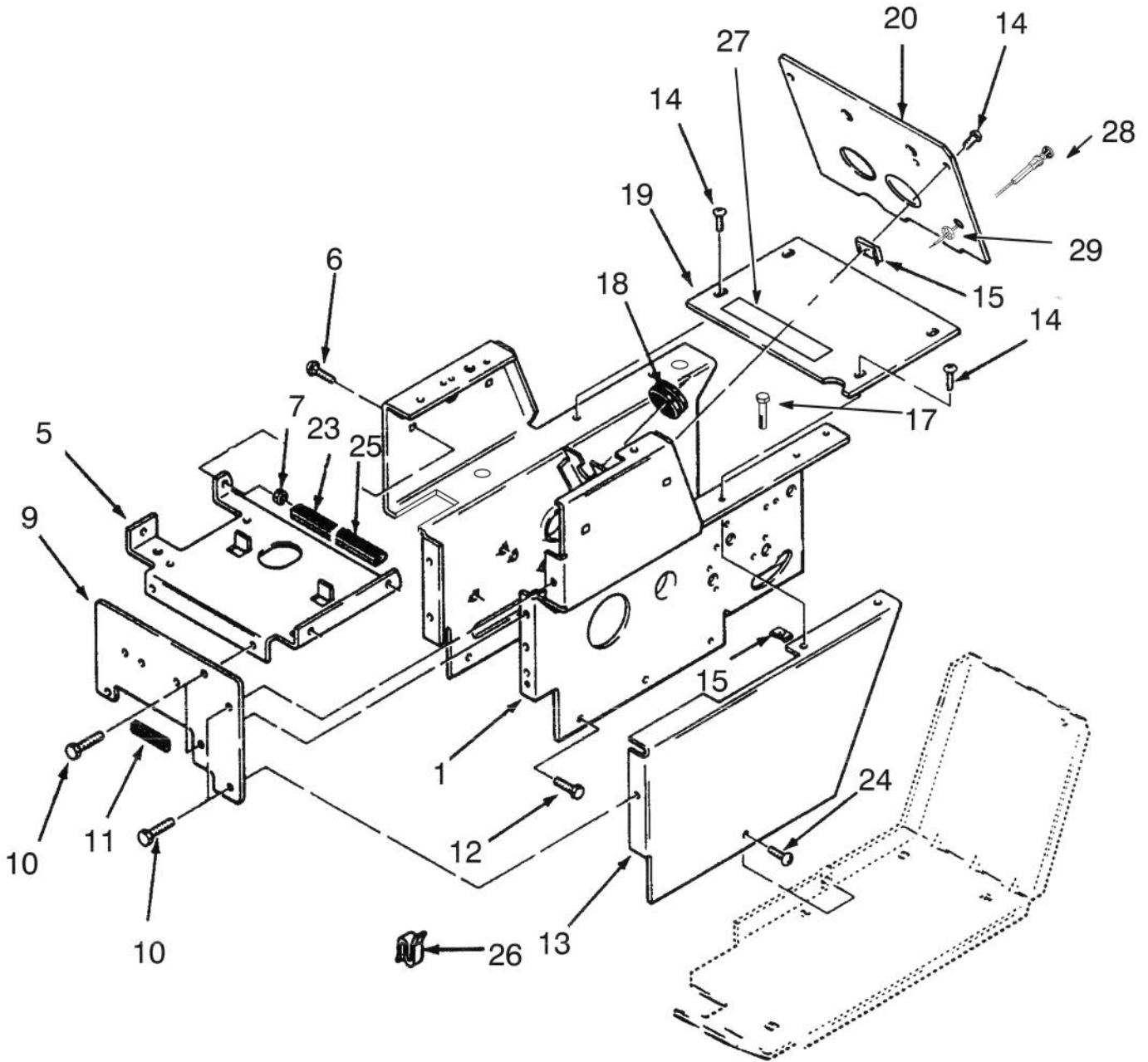


# HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	79-4660	Decal - 416-Hydro R.H.	1	17	112506	Bracket	1
*	79-4670	Decal - 416-Hydro L.H.	1	18	9159604	Nut	2
2	88-2782	Hood (Incl. Ref. # 3)	1	19	9157404	Nut - Lock	2
3	88-0020	Decal - Danger	1	20	120590	Stop - Throttle	1
4	117432	Rivet - Pop	4	21	111392	"J"Clip	1
5	117344	Handle Assembly (Incl. Ref. #15)	2	22	9266944	Bolt - Washer Hd	3
6	9107922	Screw	2	23	3229-25	Bolt - Carriage	4
7	115392	Control - Throttle	1	24	112415	Stop - PTO	1
8	116454	Knob - Control	1	25	116747	Bracket - L.H.	1
9	111757	Edging - Console	1	26	3256-22	Washer	4
10	9107622	Screw	2	27	3296-42	Nut	4
11	9201504	Washer - Lock	2	28	116745	Rod - Pivot	1
14	117431	Rivet - Pop	4	29	101850	Rod - Hood Stop	1
15	117343	Latch - Hood	2	30	9320004	Pin - Cotter	2
16	78-5610	Console	1	31	105797	Ring - Retaining	2
				32	5979	Bushing - Hood Pivot	2
				33	116746	Bracket - L.H.	1

\*Not Illustrated

# HOOD STAND AND SUPPORTS



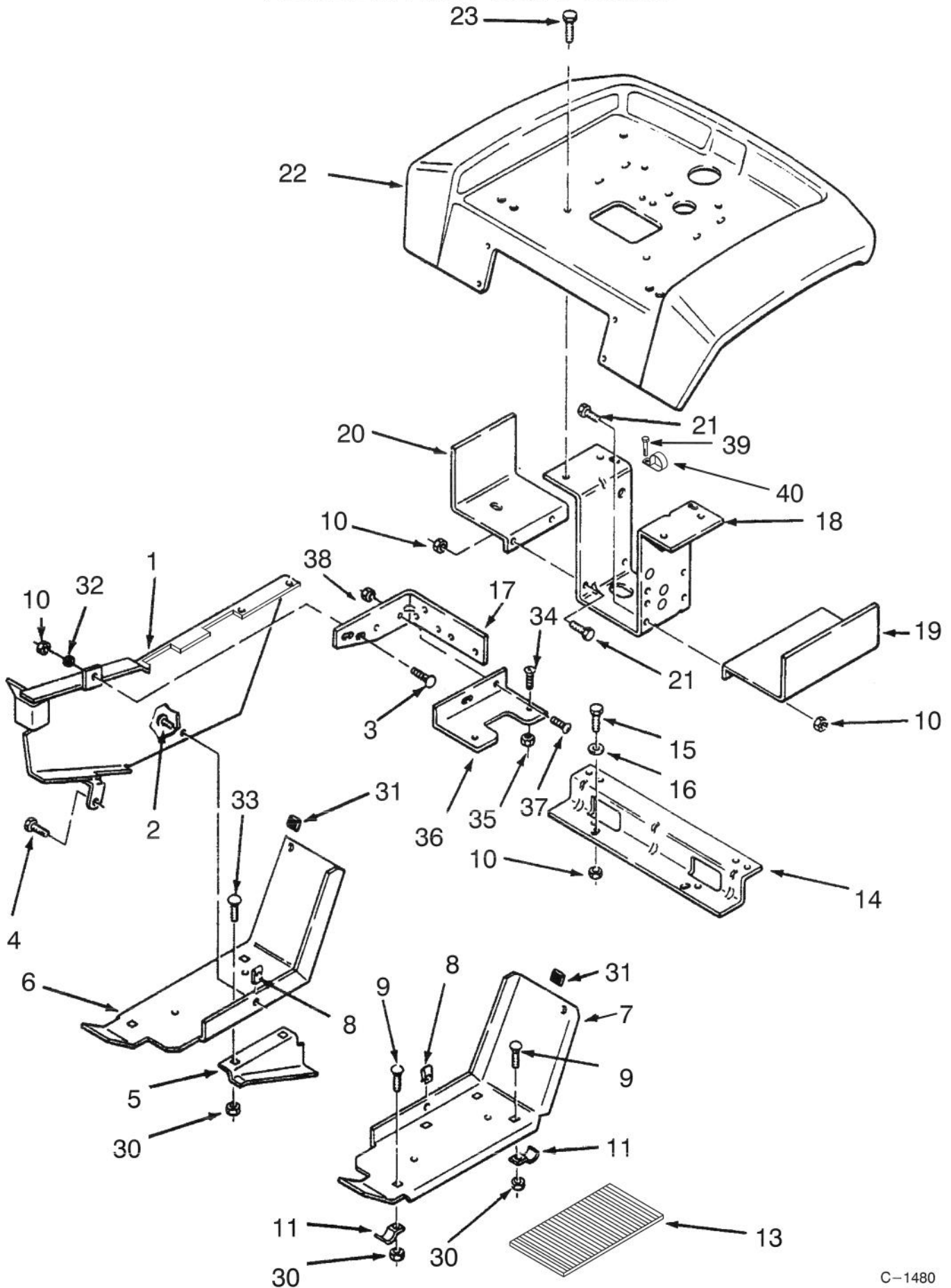
# HOOD STAND AND SUPPORTS

Ref. No.	Part No.	Description	No. Used
1	79-4900	Hoodstand	1
5	78-3010	Bracket - Battery Support	1
6	117371	Bolt - Carriage	4
7	9151126	Nut	4
9	78-3020	Plate - Front	1
10	9266944	Bolt	1
11	106772	Trim - Edge 4"	1
12	9266944	Bolt	4
*	926696	Bolt	2
13	79-5130	Cover - Side, L.H.	1
14	9108372	Screw	6
15	107069	Nut - Speed	6

Ref. No.	Part No.	Description	No. Used
17	9266944	Bolt	4
18	104248	Grommet	1
19	92-7294	Plate - Shift Cover, Top (Incl. Ref.#27)	1
20	78-5620	Plate - Hood Stand, Rear	1
23	110142	Trim - Edge	1
24	9108372	Screw	1
25	106454	Trim - Edge	1
26	3023	Clip	1
27	79-0370	Decal - Danger	1
28	114951	Control - Choke	1
29	109530	Nut	1

\*Not Illustrated

# FENDER AND SUPPORTS

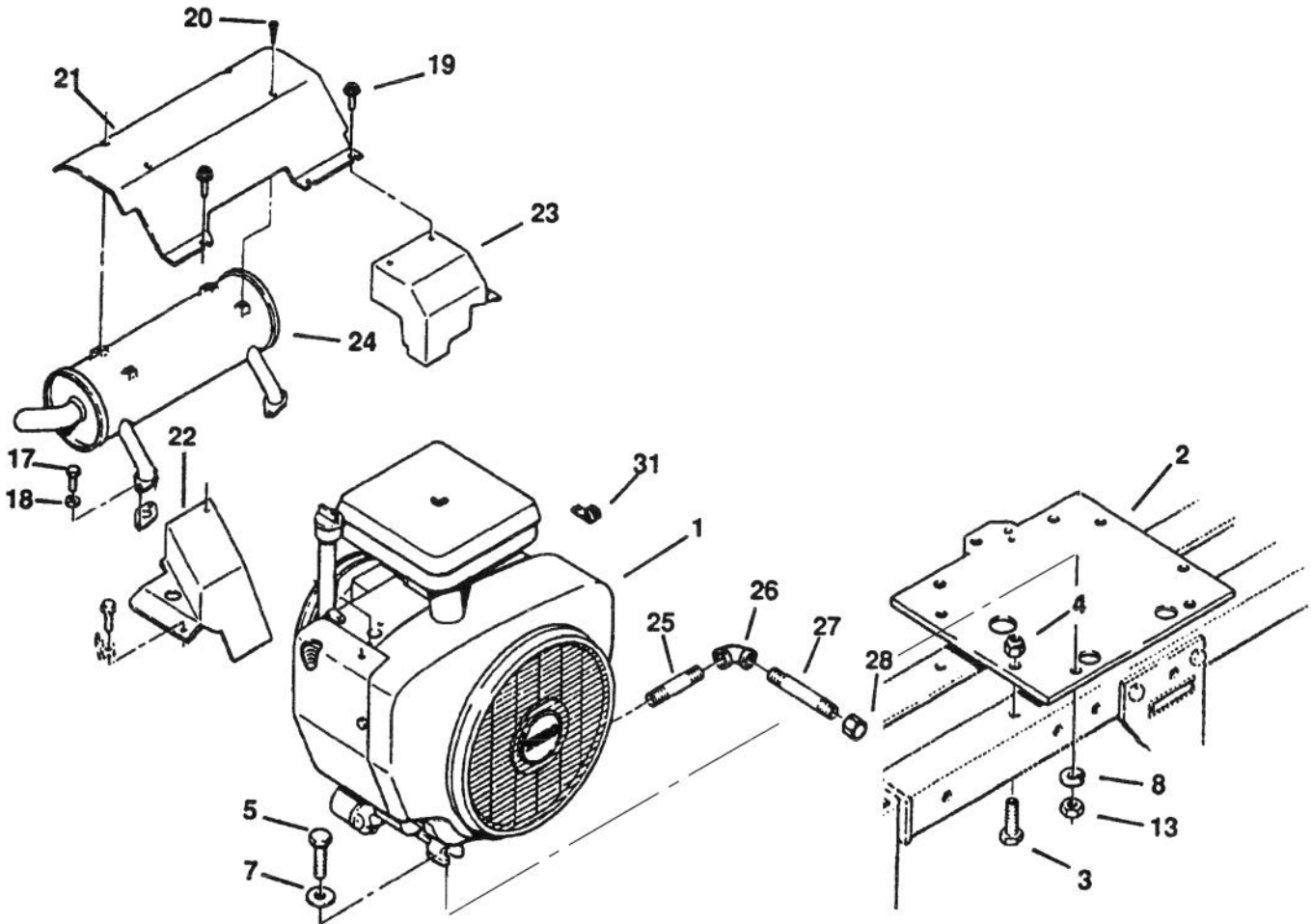


# FENDER AND SUPPORTS

Ref. No.	Part No.	Description	No. Used
1	114877	Guard – Belt	1
2	9108372	Screw	2
3	116000	Bolt – Carriage	1
4	9266944	Bolt	1
5	106352	Guard – Lower Belt	1
6	106222	Footrest – RH	1
7	106223	Footrest – L.H.	1
8	107069	Clip	3
9	116000	Bolt – Carriage	6
10	3296-29	Nut	7
11	7456	Clamp	4
13	110636	Pad – Footrest	2
14	107951	Bracket – Fender Front	1
15	322-3	Bolt	2
16	3256-23	Washer	2
17	109554	Bracket – Belt Guard	1
18	79-4990	Bracket – Fender Support	1

Ref. No.	Part No.	Description	No. Used
19	108464	Support – Fuel Tank, L.H.	1
20	106236	Support – Fuel Tank, RH	1
21	322-3	Bolt	2
22	110960	Fender	1
23	9266944	Bolt	2
30	3296-29	Nut	6
31	111071	Bumper	2
32	108457	Nut – Push	1
33	118620	Bolt – Carriage	2
34	9107944	Screw – Machine	2
35	9157404	Nut	4
36	118280	Holder – Fuse	1
37	321-4	Bolt	2
38	3296-42	Nut	1
39	3235-22	Bolt	1
40	8830	Clamp	1

\*Not Illustrated

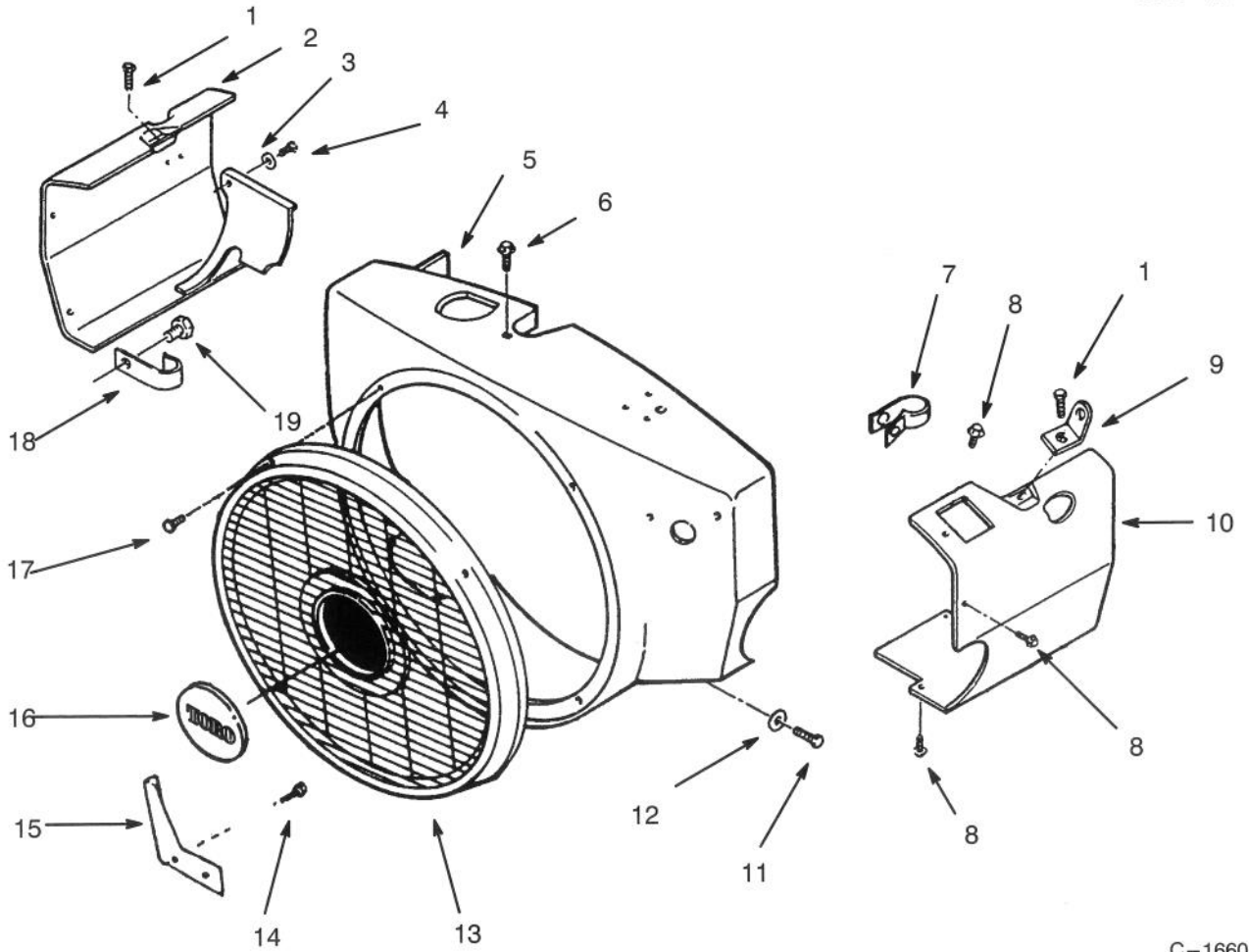


C-1659

## ENGINE, TORO POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	79-5210	Engine - 16HP TORO Power Plus P216G-I/10976D	1
2	116609	Plate - Engine	1
3	9080356	Bolt	4
4	915553	Nut	4
5	9080356	Bolt	4
7	3256-24	Washer	4
8	3253-24	Washer - Lock	4
13	32146-2	Nut	4
17	322-3	Bolt	4
18	3253-4	Washer	4
19	321-2	Bolt	3

Ref. No.	Part No.	Description	No. Used
20	910331	Screw	4
21	114217	Deflector - Air	1
22	114215	Cover - Exhaust, L.H.	1
23	114216	Cover - Exhaust, RH	1
24	116470	Muffler	1
25	114636	Pipe	1
26	114764	Elbow - 90°	1
27	114763	Pipe	1
28	5224	Cap	1
30	114214	Gasket - Exhaust	2
31	111357	Clip	1



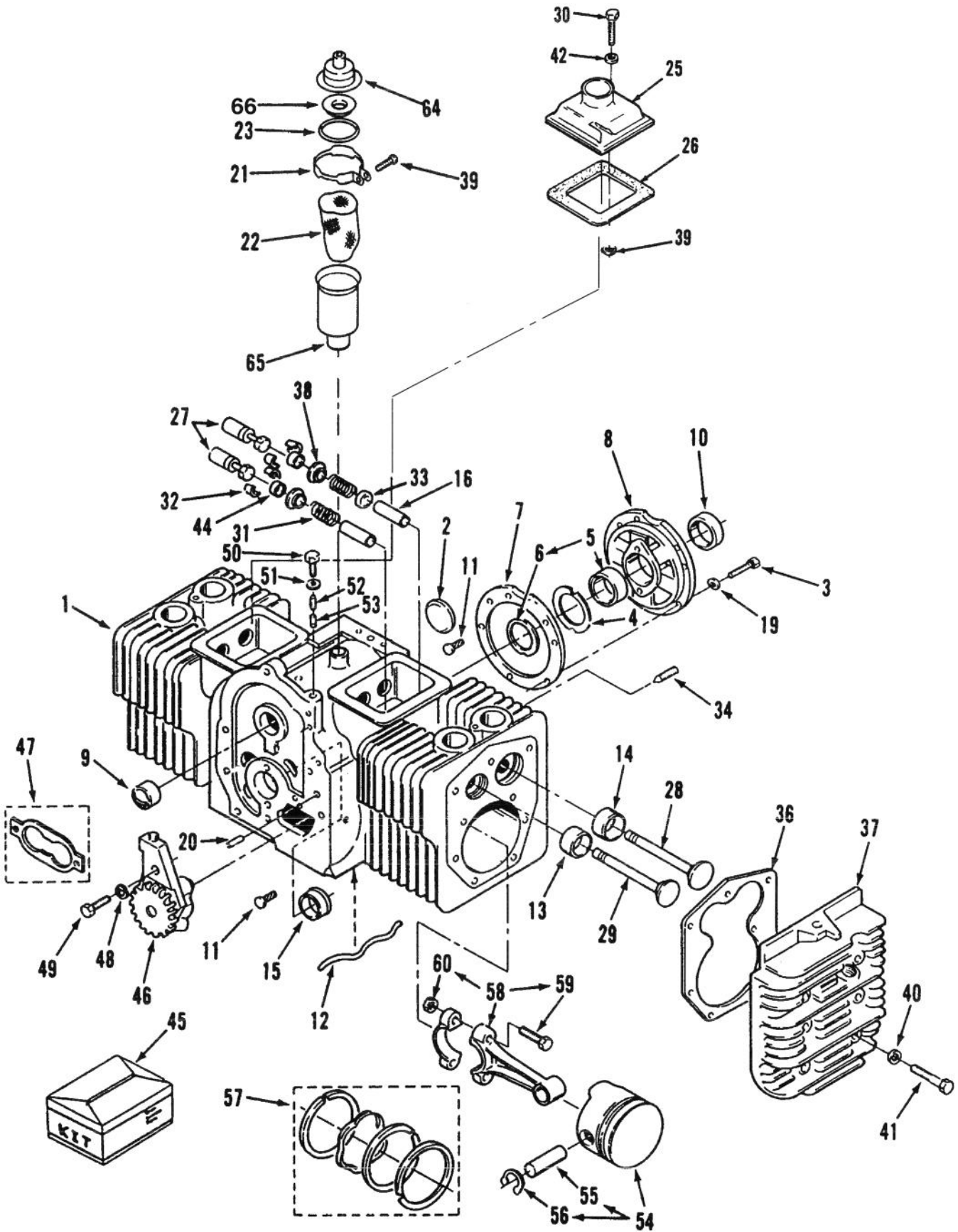
C-1660

## BLOWER HOUSING

Ref. No.	Part No.	Description	No. Used
1	82-1600	Screw	2
2	92-0920	Housing - Cylinder Air, L.H.	1
3	NN10393	Washer	1
4	59-0980	Screw	1
5	NN10862	Housing - Blower	1
6	59-0970	Screw	1
7	NN10289	Clamp	1
8	NN10414	Screw	4
9	NN10296	Bracket - Lifting	2
10	92-0921	Housing - Cylinder Air, R.H.	1

Ref. No.	Part No.	Description	No. Used
11	NN10393	Screw	4
12	NN10356	Washer - Flat	1
13	82-0620	Guard - Stationary	1
14	82-0930	Screw	2
15	NN10832	Bracket	1
16	118530	Name Plate - Toro	1
17	82-1590	Screw	4
18	NN10348	Clip - Wire	1
19	82-1540	Screw	1

# CYLINDER BLOCK



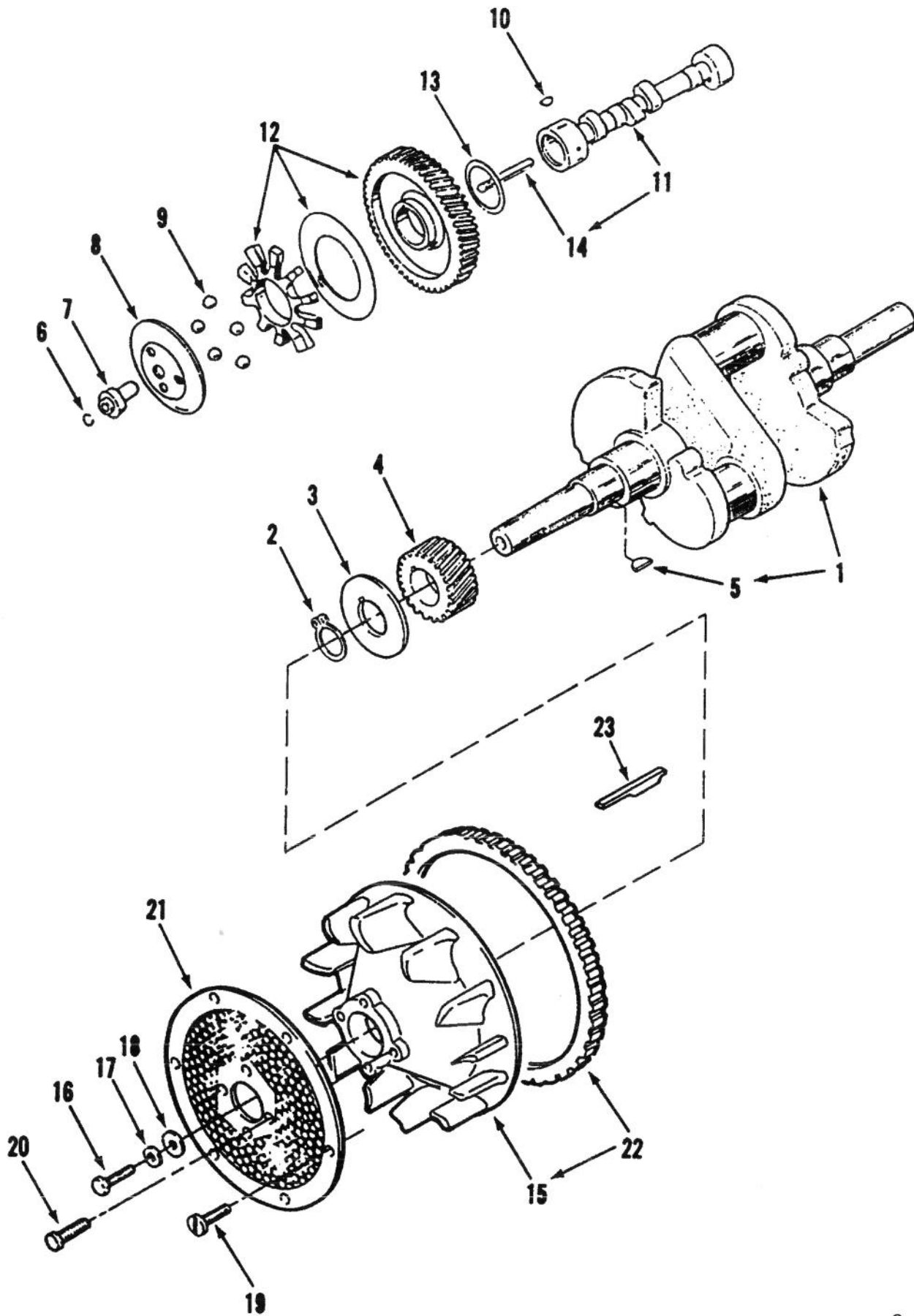
# CYLINDER BLOCK

Ref. No.	Part No.	Description	No. Used
1	92-0900	Block - Short	1
2	57-9690	Plug	1
3	59-0880	Bolt	5
4	57-8170	Shim 0.005"	A/R
5	57-8050	Bearing - Crankshaft, Rear, Standard	1
	NN10010	Bearing - Crankshaft, Rear .002" Under	1
	57-8060	Bearing - Crankshaft, Rear .010" Under	1
	NN10012	Bearing - Crankshaft, Rear .020" Under	1
	NN10013	Bearing - Crankshaft, Rear .030" Under	1
6	57-8160	Washer - Thrust	2
7	NN10554	Gasket	1
8	82-0020	Plate - Bearing	1
9	57-8160	Bearing - Camshaft	2
10	57-8000	Seal - Oil	1
11	NN10334	Pin - Stop	4
12	59-0290	Tube - Oil	1
13	NN10054	Insert - Exhaust Seat, Std.	2
	NN10055	Insert - Exhaust Seat .002" O.S	2
	NN10056	Insert - Exhaust Seat .005 O.S	2
	NN10057	Insert - Exhaust Seat .010" O.S	2
	NN10058	Insert - Exhaust Seat .025" O.S	2
14	NN10035	Insert - Intake Seat, Std.	2
	NN10036	Insert - Intake Seat .002" O.S	2
	NN10037	Insert - Intake Seat .005" O.S	2
	NN10038	Insert - Intake Seat .010" O.S	2
	NN10039	Insert - Intake Seat .025" O.S	2
15	NN10003	Bearing - Crankshaft, Front Standard	1
	NN10004	Bearing - Crankshaft, Front .002" Under	1
	NN10005	Bearing - Crankshaft, Front .010" Under	1
	NN10006	Bearing - Crankshaft, Front .020" Under	1
	NN10007	Bearing - Crankshaft, Front .030" Under	1
16	NN10479	Guide - Exhaust Valve	2
	NN10478	Guide - Intake Valve	2
19	82-1640	Washer - Spring	5
20	NN10336	Pin	2
21	82-0530	Clamp	1
22	57-8580	Breather - Baffle	1
23	82-0570	Seal	1

Ref. No.	Part No.	Description	No. Used
25	NN10821	Cover - Valve	2
26	57-8280	Gasket	2
27	NN10129	Tappet - Std.	4
	NN10130	Tappet .002" O.S	4
	NN10131	Tappet .004" O.S	4
28	NN10075	Valve - Intake	2
29	NN10075	Valve - Exhaust	2
30	NN10370	Bolt	2
31	NN10077	Spring	4
32	NN10082	Lock - Spring	8
33	NN10326	Seal	2
34	NN10385	Screw	2
36	NN10070	Gasket	2
37	NN10080	Head - Right Cylinder	1
	NN10079	Head - Left Cylinder	1
38	NN10078	Washer	4
39	82-1480	Screw	1
40	57-9770	Washer - Flat	18
41	NN10381	Bolt - Special	10
42	NN10359	Washer	2
44	71-5830	Cap - Valve	4
45	71-6290	Kit - Engine Gasket Valve Grind/Carbon Removal	1
46	NN10136	Pump - Oil, Complete	1
47	NN10134	Pump - Oil, Gasket Kit	1
48	82-1340	Washer - Flat	2
49	87-1370	Bolt	2
50	59-0910	Bolt	1
51	NN10361	Washer	1
52	NN10133	Spring	1
53	NN10135	Plunger	1
54	92-0901	Piston Pin & Retaining Rings STD	2
*	92-0902	Piston Pin & Retaining Rings .010"	2
*	92-0903	Piston Pin & Retaining Rings .020"	2
*	92-0904	Piston Pin & Retaining Rings .030"	2
55	NN10100	Piston Pin	2
56	NN10345	Retaining Ring	4
57	92-0905	Set - Piston Ring, Std.	2
	92-0906	Set - Piston Ring .005" O.S.	2
	92-0907	Set - Piston Ring .010" O.S	2
	92-0908	Set - Piston Ring .020" O.S	2
	92-0909	Set - Piston Ring .030" O.S	2
58	NN10125	Rod w/Bolts & Nuts - STD	2
	NN10126	Rod w/Bolts & Nuts - .010"	2
	NN10127	Rod w/Bolts & Nuts - .020"	2
	NN10128	Rod w/Bolts & Nuts - .030"	2
59	NN10120	Bolt - Special Rod	4
60	NN10428	Nut	4
64	82-0550	Breather Cap & Valve	1
65	82-0540	Tube - Baffle Breather	1
66	82-0560	Screen	2

\*Not Illustrated

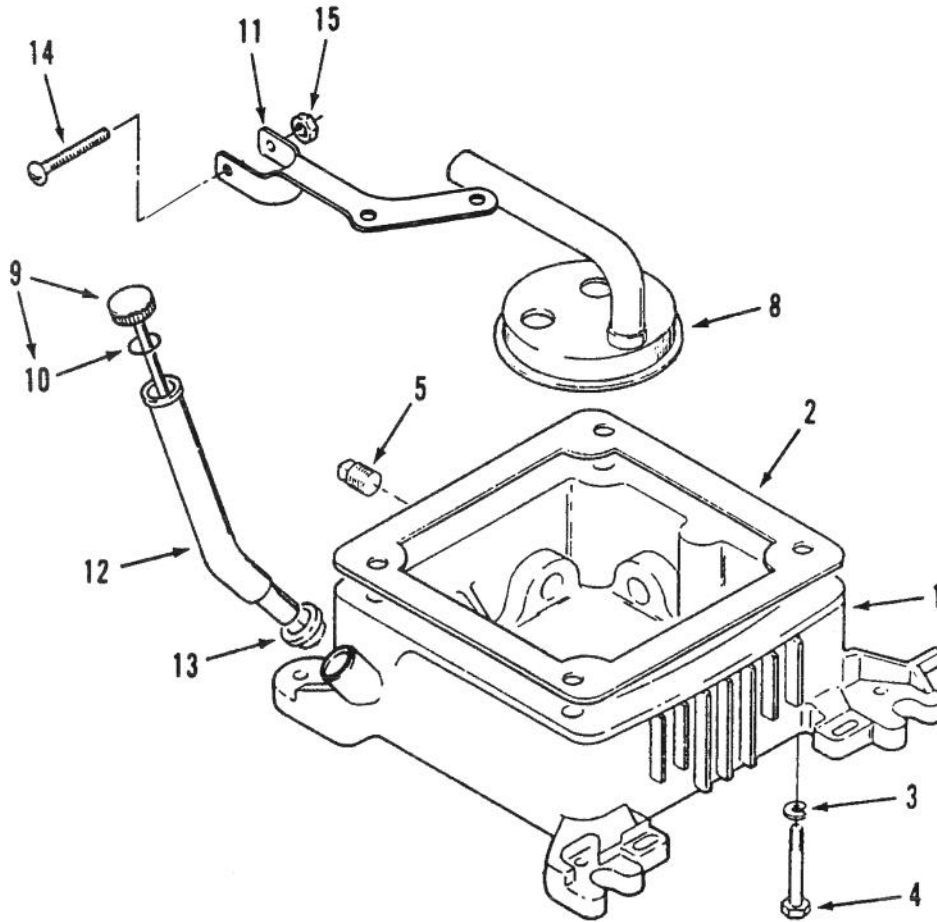
# CRANKSHAFT, CAMSHAFT, FLYWHEEL



## CRANKSHAFT, CAMSHAFT, FLYWHEEL

Ref. No.	Part No.	Description	No. Used
1	NN10853	Crankshaft	1
2	57-9710	Ring - Retaining	1
3	NN10439	Washer	1
4	NN10438	Gear	1
5	NN10330	Key	1
6	NN10215	Ring - Retaining	1
7	NN10221	Hub - Governor Cup	1
8	NN10222	Cup - Governor	1
9	57-9640	Ball	1
10	57-9660	Key	1
11	NN10032	Camshaft (Incl. Item 13)	1
12	57-8210	Camshaft Gear (Incl. Gear, Spacer, & Plate)	1

Ref. No.	Part No.	Description	No. Used
13	NN10030	Washer	1
14	NN10214	Pin	1
15	NN10171	Flywheel (Incl. Ring Gear)	1
16	NN10021	Screw	1
17	82-1320	Washer	1
18	NN10355	Washer	1
19	NN10409	Screw	6
20	82-1400	Screw	4
21	79-6440	Screen	1
22	57-8180	Gear - Ring	1
23	82-1150	Key	1

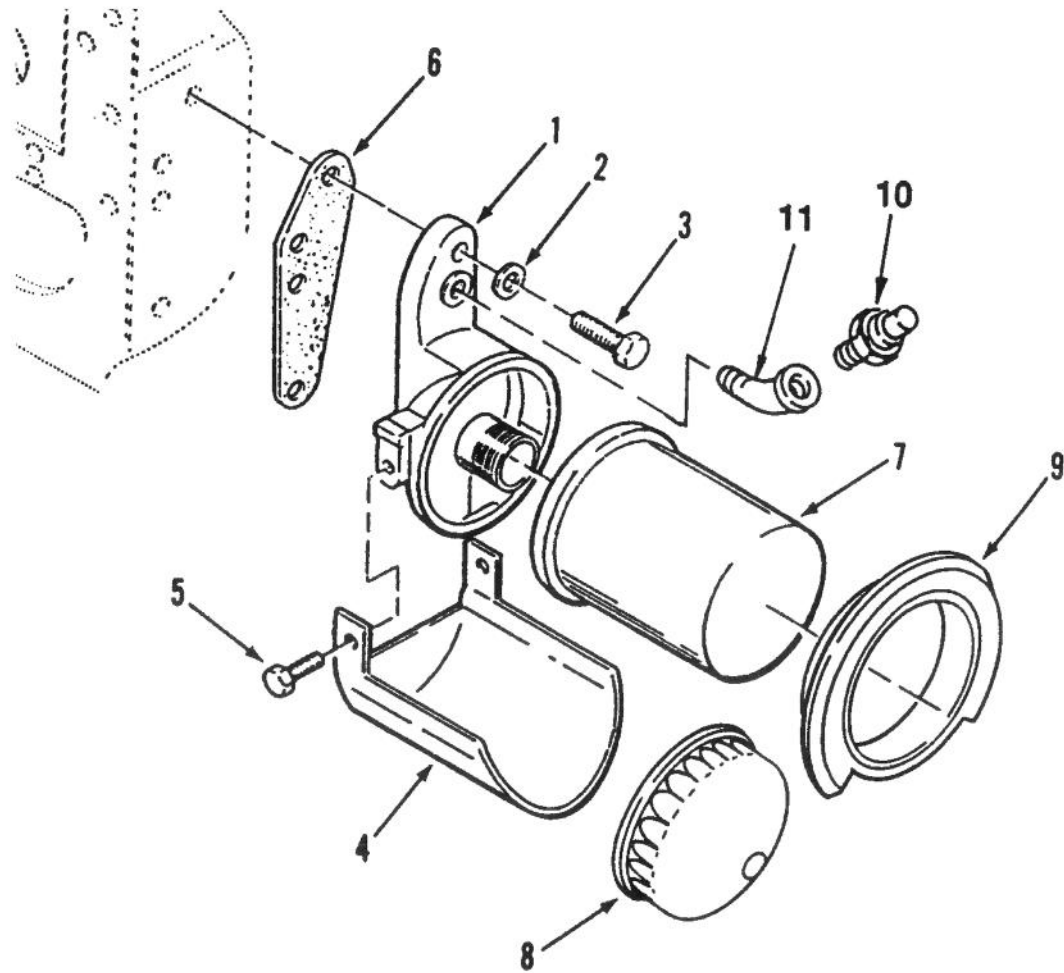


C-1663

## OIL BASE AND FILL TUBE AND BRACKET

Ref. No.	Part No.	Description	No. Used
1	NN10018	Base - Oil (Incl. All Plugs & Plug Gasket)	1
2	57-8090	Gasket	1
3	82-1310	Washer - Lock	4
4	NN10379	Screw	4
5	82-1130	Plug - Sq Hd	2
8	NN10138	Cup - Oil Pump Intake	1
9	NN10159	Cap - Oil Fill & Indicator (Incl. "O" Ring)	1

Ref. No.	Part No.	Description	No. Used
10	NN10323	Ring - Oil	1
11	79-6460	Bracket	1
12	NN10854	Tube - Oil Fill, Chrome	1
13	NN10690	Seal	1
14	82-1560	Screw	1
15	82-1700	Nut - Speed	1

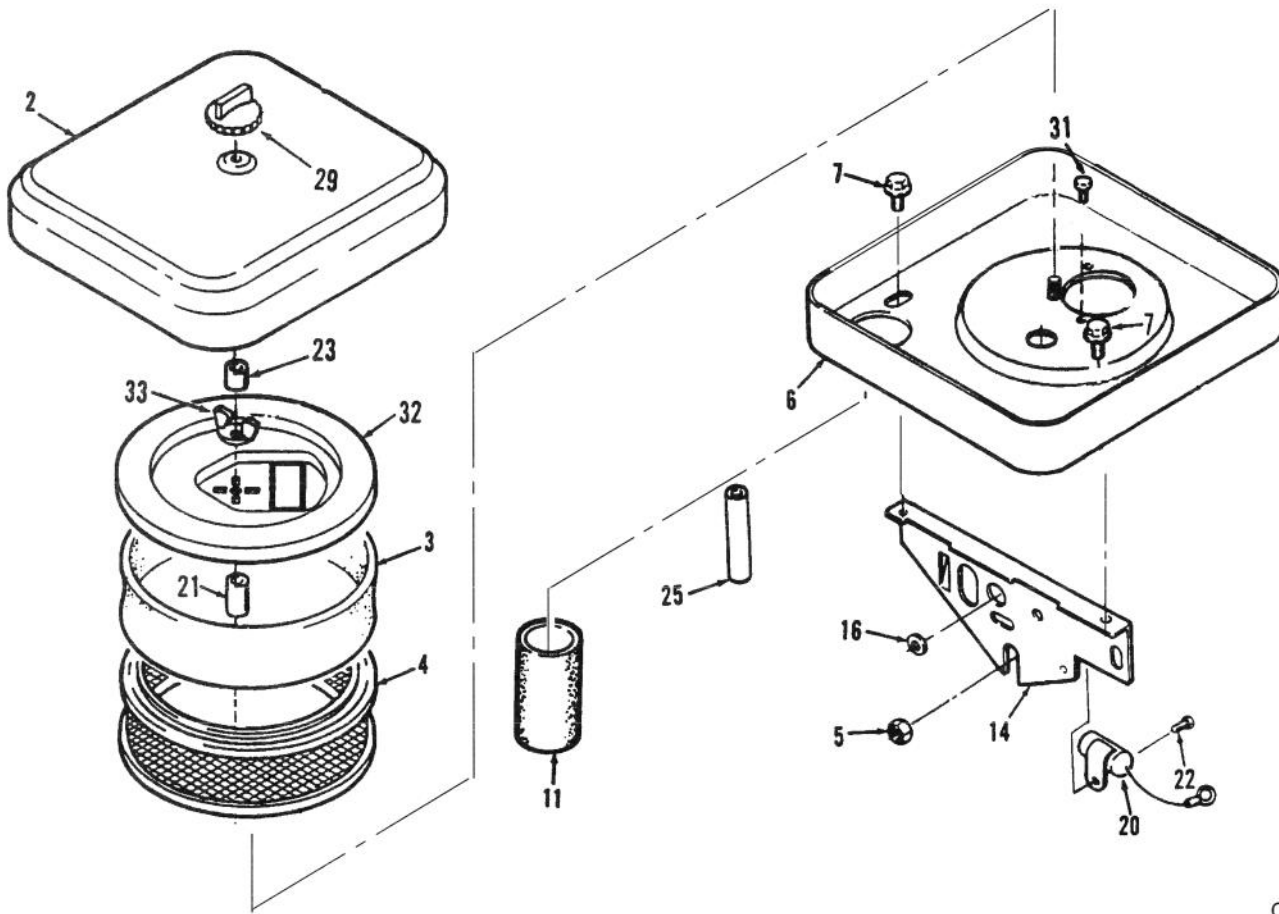


C-1664

## OIL FILTER

Ref. No.	Part No.	Description	No. Used
1	82-0500	Adapter - Oil Filter	1
2	57-9750	Washer	2
3	NN10373	Screw	2
4	NN10894	Drain - Oil Filter	1
5	82-1510	Screw	2
6	79-6470	Gasket	1

Ref. No.	Part No.	Description	No. Used
7	NN10143	Filter - Oil	1
8	NN10465	Wrench	1
9	82-0680	Gasket	1
10	NN10824	Switch - Oil Pressure	1
11	92-0912	Elbow 45°	1

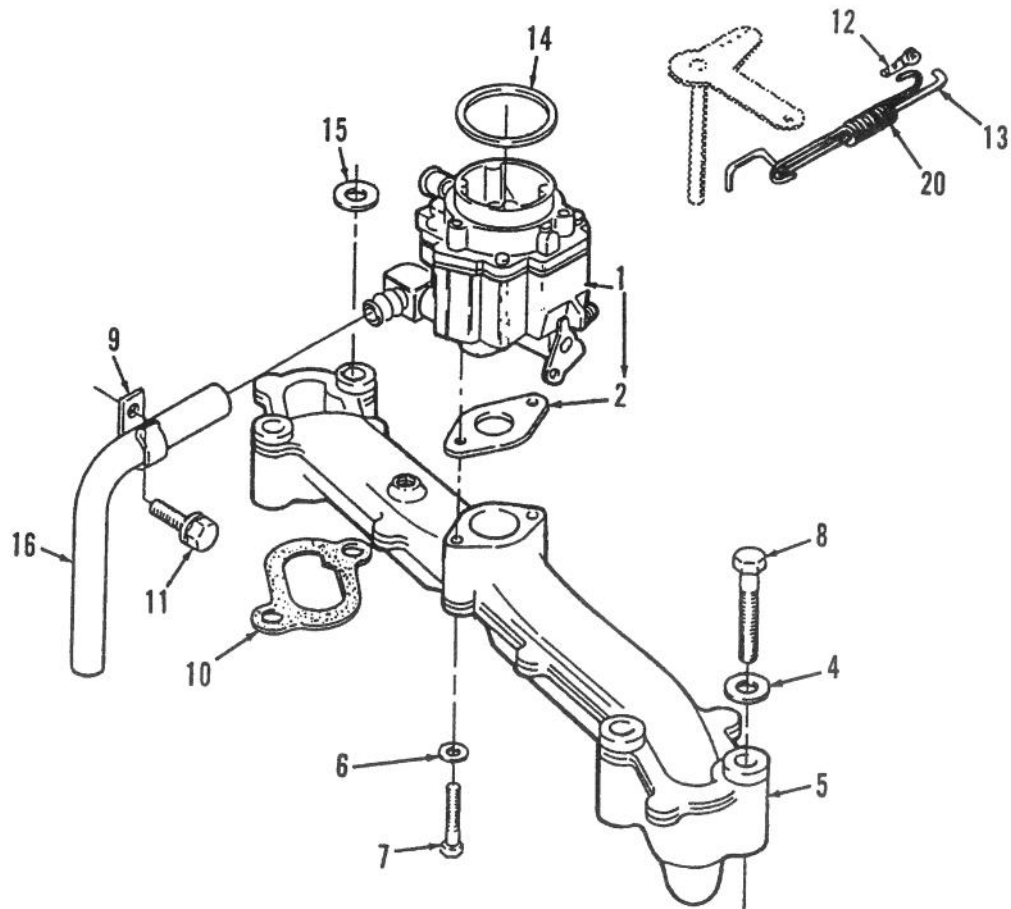


C-1665

### AIR CLEANER

Ref. No.	Part No.	Description	No. Used
2	79-6320	Cover - Air Cleaner	1
3	NN10176	Element - Foam	1
4	NN10174	Element - Air Cleaner	1
5	82-1690	Nut - Flange	1
6	79-6330	Housing - Air Cleaner	1
7	82-1550	Screw - Hex. Hd	.2
11	NN10187	Tube - Air Intake	1
14	79-6340	Support - Air Cleaner	1
16	NN10309	Grommet	1

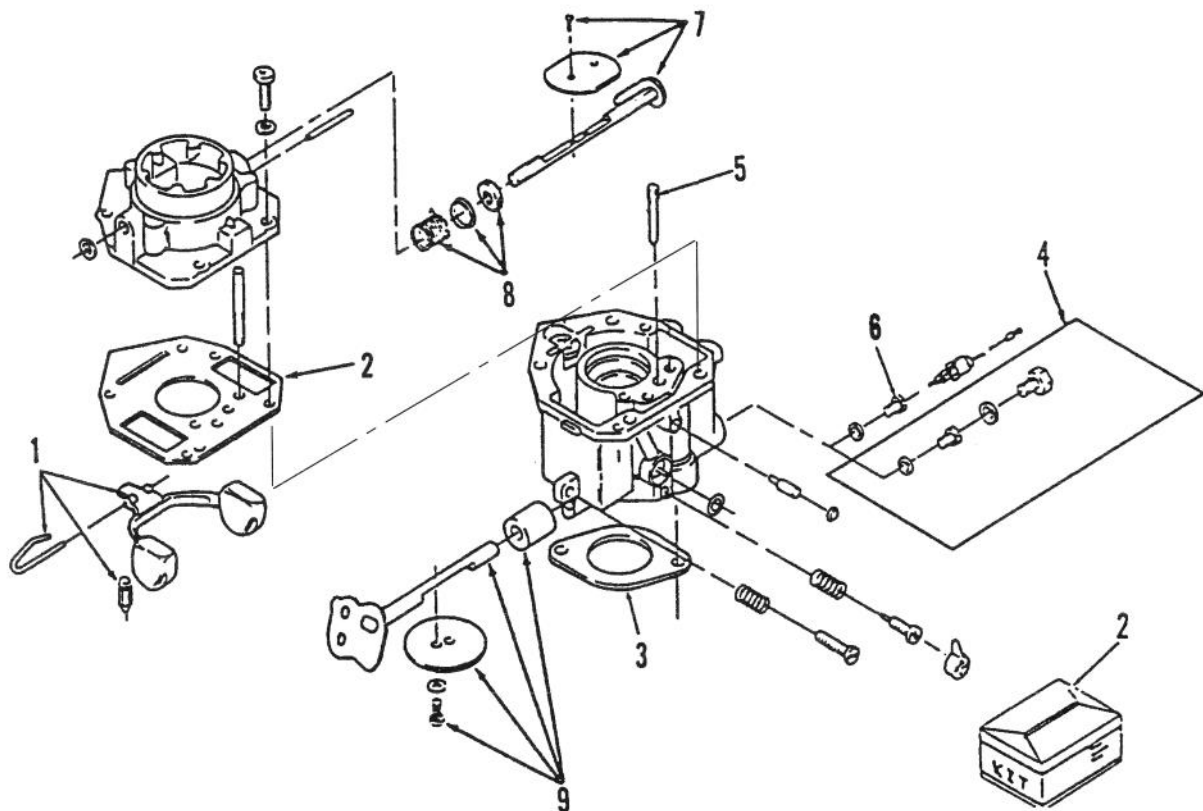
Ref. No.	Part No.	Description	No. Used
20	NN0980	Capacitor (300 VD)	1
22	NN10390	Screw - Hex. Hd.	1
23	79-6520	Spacer	1
25	92-0917	Tube	1
29	79-6350	Knob - Tool less	1
31	92-0915	Screw	1
32	92-0914	Cover - Element	1
33	92-0913	Nut - Wing	1



C-1666

## INTAKE MANIFOLD

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	NN10504	Carburetor (Incl. Mounting Gasket, Elbow, & "O"Ring)	1	10	71-5980	Gasket	2
2	72-0850	Gasket	1	11	82-1450	Screw	2
4	82-1350	Washer - Flat	4	12	57-9700	Clip - Retaining, Rod to Carburetor	1
5	92-0918	Manifold - Intake	1	13	92-0919	Rod - Governor Control	1
6	82-1410	Washer - Flat	2	14	57-9620	"O"Ring	1
7	82-1410	Screw - Hex. Hd.	2	15	NN10362	Washer - Flat	1
8	NN10375	Screw - Hex. Hd.	4	16	NN10858	Hose - Fuel	1
9	NN10348	Clip - Fuel Line	1	20	NN10877	Spring - Governor Rod	1

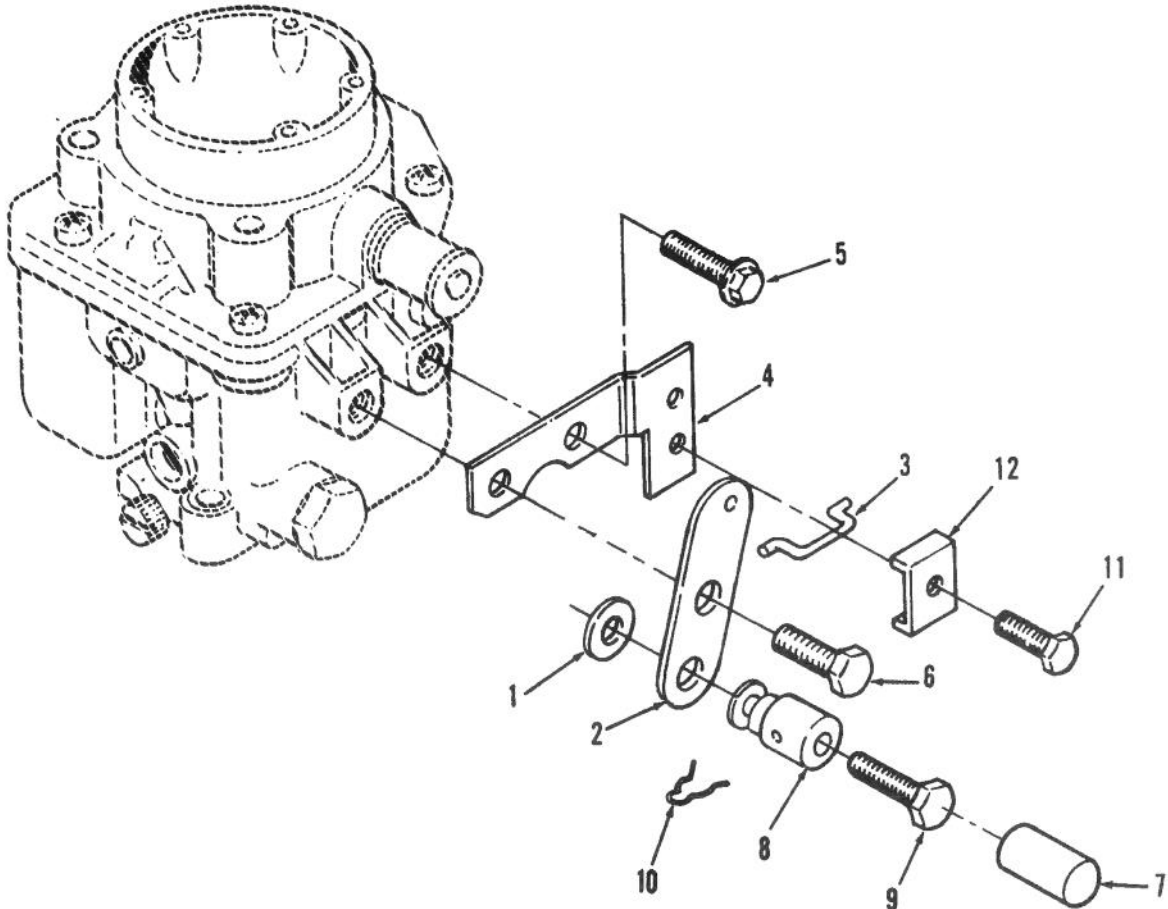


C-1667

## CARBURETOR

Ref. No.	Part No.	Description	No. Used
1	NN10209	Kit - Float (Incl. Float, Pin, & Valve)	1
2	82-0780	Kit - Repair (Incl. Screw & Plug Package, Gasket Package, Float Valve, Idle Adjustment Needle & Spring, Mounting Gaskets, & Idle Limit Cap)	1
3	82-0850	Gasket - Carburetor Mtg. Jet (Power-Fixed & Opt. High Altitude)	1
4	NN10810	Kit - Fixed Jet	1

Ref. No.	Part No.	Description	No. Used
5	NN10201	Jet - Idle	1
6	NN10199	Jet - Power	1
7	NN10207	Kit - Choke Shaft (Incl. Choke Valve, Valve Screw - Set, & Air Filter)	1
8	NN10809	Kit - Choke Lever (Incl. Choke Lever Ring, Choke Spring, & Choke Collar)	1
9	NN10811	Kit - Throttle Shaft (Incl. Valve Screw - Set, Air Filter, & Throttle Valve)	1

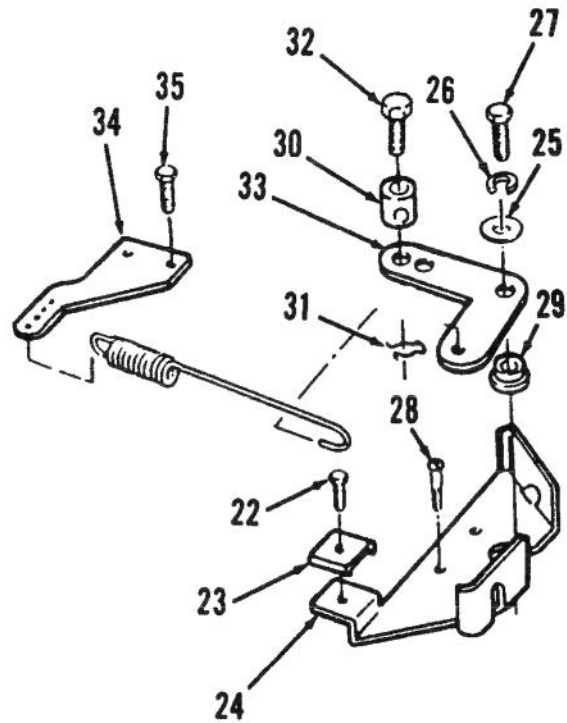
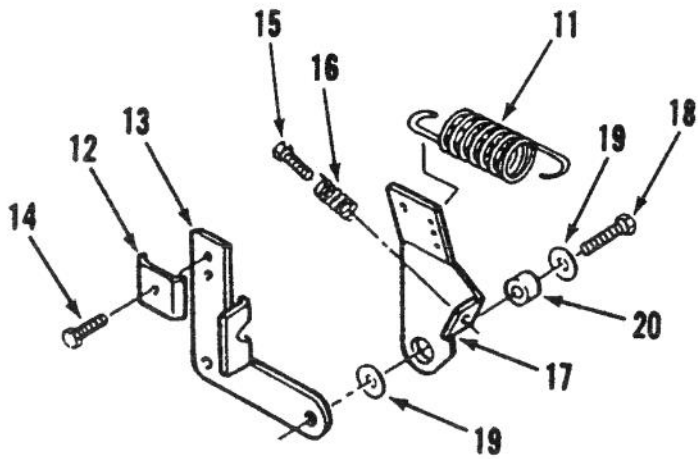


C-1668

### CHOKE LINKAGE

Ref. No.	Part No.	Description	No. Used
1	59-0850	Washer	2
2	59-0460	Lever - Choke	1
3	57-9180	Link - Choke	1
4	59-0470	Bracket	1
5	NN10412	Screw	1
6	92-0916	Screw	1

Ref. No.	Part No.	Description	No. Used
7	NN10830	Plug	1
8	57-9170	Swivel - Choke Lever	1
9	NN10410	Screw	1
10	59-0720	Pin - Cotter	1
11	NN10784	Screw	1
12	57-9190	Clip	1

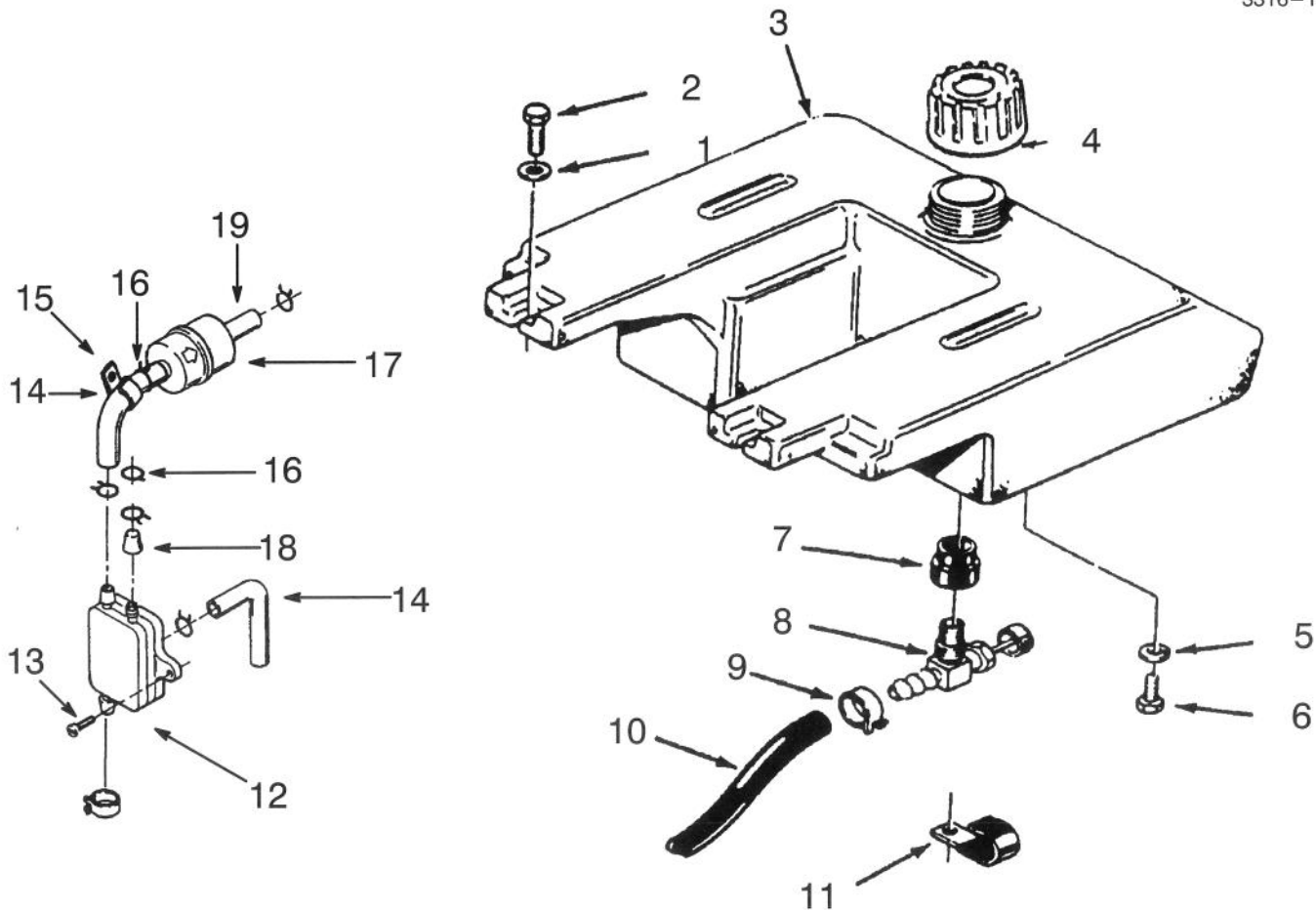


C-1669

## GOVERNOR

Ref. No.	Part No.	Description	No. Used
11	NN10217	Spring - Governor, 5 Ball	1
12	57-9190	Clamp - Cable	1
13	79-6360	Bracket	1
14	NN10395	Screw	1
15	59-1030	Screw	1
16	NN10219	Spring	1
17	92-0922	Arm - Governor Control w/o Swivel	1
18	59-1100	Screw	2
19	NN10357	Washer - Flat	1
20	NN10218	Bushing	1
22	59-1000	Screw	1
23	57-9190	Clamp - Throttle Cable	1

Ref. No.	Part No.	Description	No. Used
24	79-6390	Bracket - Governor Control	1
25	59-0830	Washer - Flat	1
26	82-1620	Washer - Lock	1
27	82-1370	Screw	1
28	201327	Screw	3
29	79-6400	Bushing - Governor Control	1
30	NN10320	Swivel - Throttle Control	1
31	59-0720	Pin - Cotter	1
32	NN10410	Screw - Machine	1
33	79-6410	Link - Governor Control	1
34	79-6420	Adapter - Governor Arm	1
35	59-1050	Screw	2



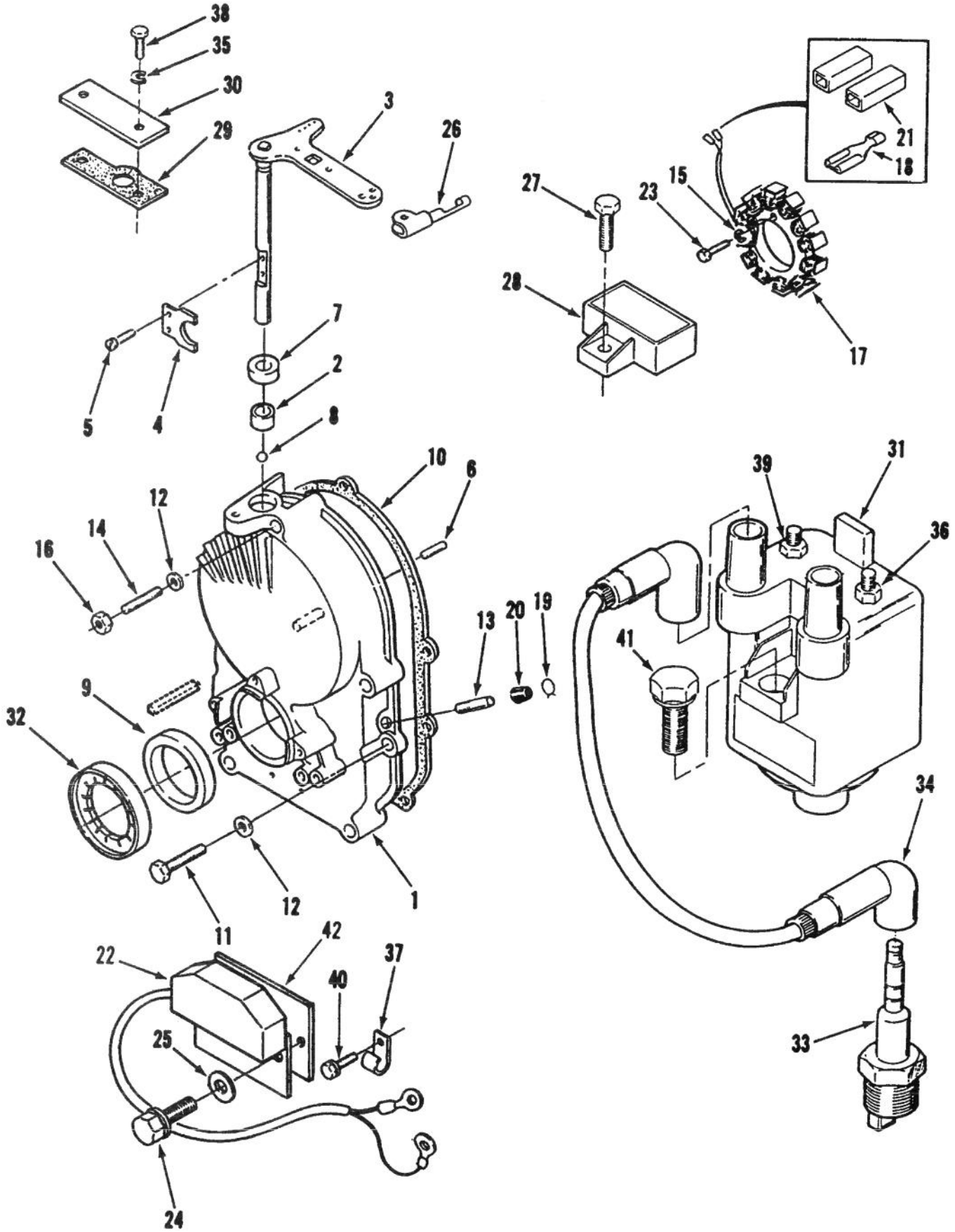
C-1647

### FUEL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	3256-4	Washer	2
2	926697	Bolt	2
3	106234	Tank - Fuel (Incl. Ref.# 5 & 7)	1
4	55-3570	Cap - Fuel	1
5	3253-4	Washer - Lock	1
6	322-2	Bolt	3
7	104047	Bushing	1
8	104048	Valve - Fuel Shut-Off	1
9	108898	Clamp	2

Ref. No.	Part No.	Description	No. Used
10	103787	Line - Fuel 50"	1
11	950154	Clamp	2
12	57-9080	Pump - Fuel	1
13	59-1050	Screw	1
14	NN10302	Line - Fuel 12"	2
15	NN10348	Clip - Wire	1
16	82-1080	Clamp - Hose 1/2	6
17	NN10506	Filter - Fuel	1
18	59-0370	Cap - Fuel Fitting	1
19	92-0923	Hose - Fuel	1

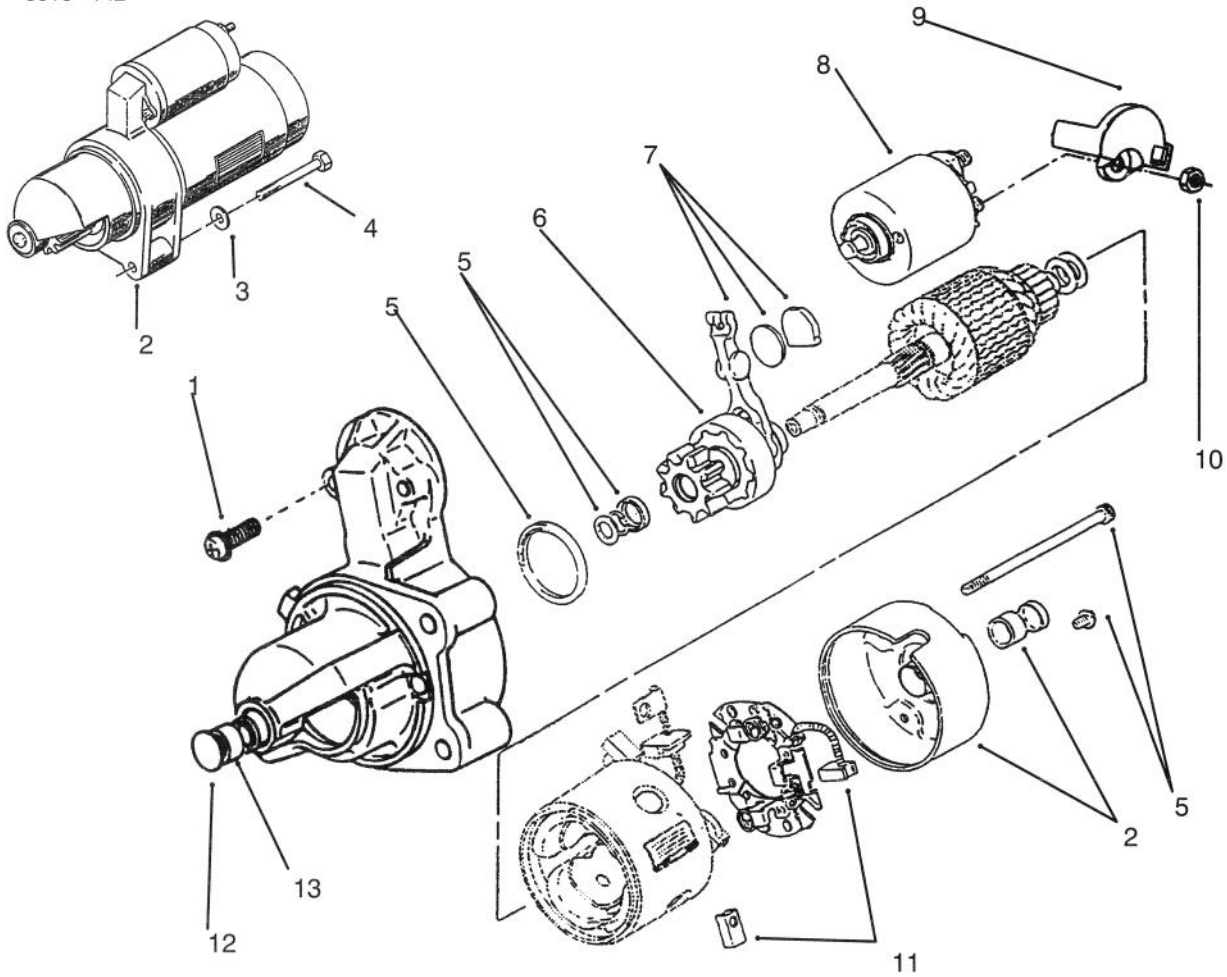
# GEARCASE AND IGNITION CONTROLS



# GEARCASE AND IGNITION CONTROLS

Ref. No.	Part No.	Description	No. Used
1	NN10825	Kit – Gearcase (Incl. Ref.# 2-9, 13, 19, & 20)	1
2	57-9650	Bearing	1
3	NN10826	Governor Shaft & Arm – Chromed	1
4	59-0420	Yoke	1
5	59-0950	Screw	1
6	NN10335	Pin – Dowel	1
7	57-9570	Seal – Oil	1
8	NN10327	Bearing	1
9	57-9580	Seal – Oil	1
10	NN10895	Gasket	1
11	82-1410	Screw	4
12	57-9750	Washer	5
13	59-0360	Tube – Vacuum Port	1
14	NN10352	Stud – Gear Cover	1
15	3253-2	Washer – Lock	3
16	NN10426	Nut	1
17	NN10518	Stator w/Terminals	1
18	NN10290	Terminal – Stator Leads	3
19	57-9550	Clamp	1
20	59-0370	Cap	1
21	82-1000	Kit – Terminal	

Ref. No.	Part No.	Description	No. Used
22	NN10444	Connector Body	1
23	82-1500	Screw – Hex. Hd.	3
24	NN10394	Screw – Hex. Hd.	2
25	82-1660	Washer – Lock	2
26	57-9730	Clip – Retaining	1
27	NN10414	Screw – Hex. Hd	1
28	NN10261	Regulator – Voltage 20 amp	1
29	79-6490	Gasket – Plate	1
30	NN10515	Cover – Ignition Plunger	1
31	NN10245	Battery Ignition Coil	1
32	NN10247	Rotor – Ignition	1
33	57-9340	Plug – Spark	2
34	82-1340	Cable – Spark Plug	1
35	82-1340	Washer – Flat	2
36	NN10248	Nut	1
37	NN10348	Clip – Wire	1
38	82-1360	Screw – Hex. Hd	1
39	NN10249	Nut	1
40	82-1410	Screw – Hex. Hd.	1
41	NN10408	Screw – Hex. Hd.	2
42	NN10516	Indicator – Ignition Module	1

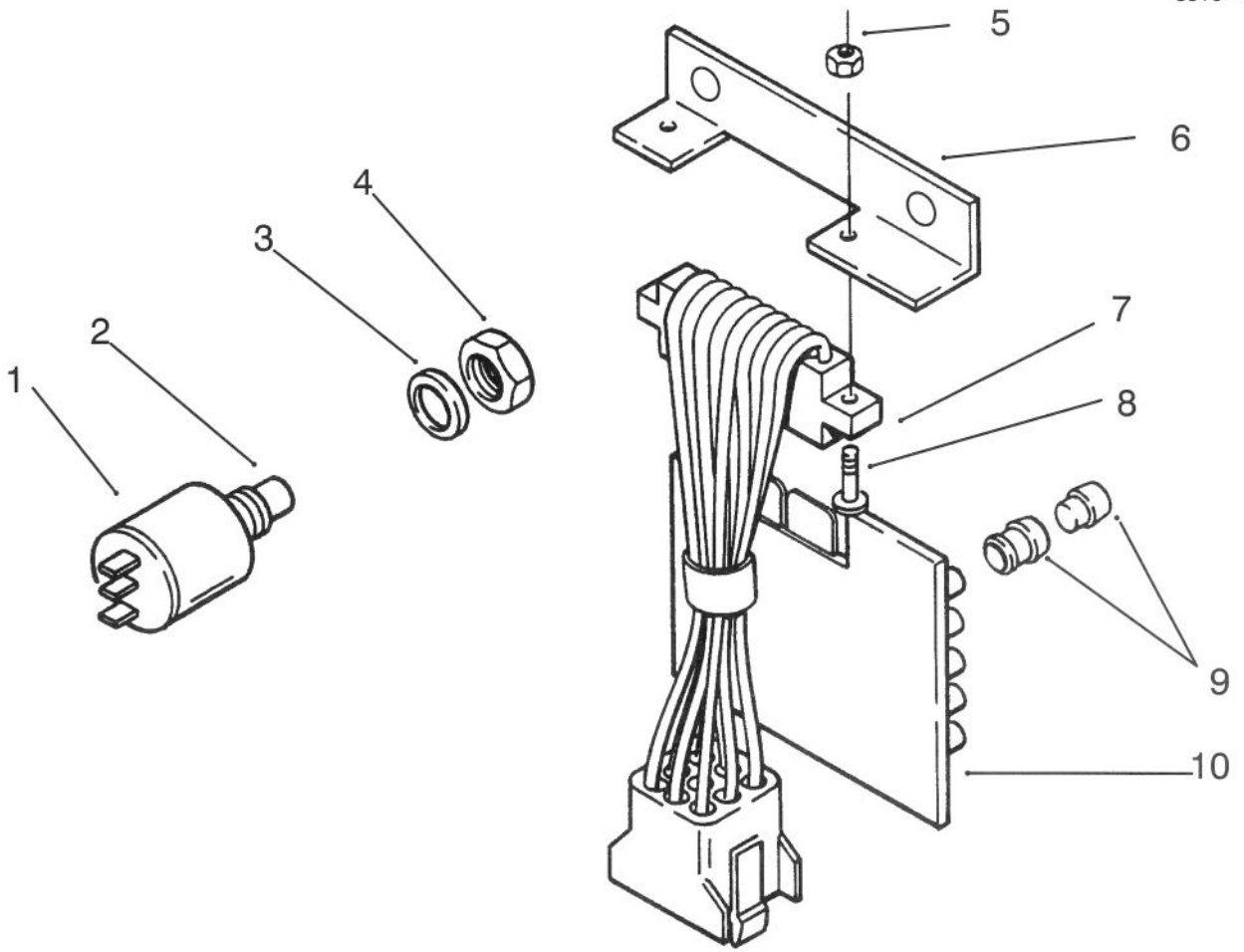


C-1671

## STARTER

Ref. No.	Part No.	Description	No. Used
1	NN10885	Starter Hdwr Kit (Incl. Solenoid Screws [2] Brush Holder Screws [2], Thru Bolts[2], Armature Shims [2], Pinion Stop Collar, & Pinion Retaining Ring)	1
2	71-6040	Starter, Complete - See Components Below	1
3	57-9770	Washer - Flat	2
4	79-6580	Screw - Cap	2
5	NN10886	Seal - Dust	1
6	NN10884	Clutch - Starter (Incl. Pinion Gear w/Clutch)	1
7	NN10266	Kit - Starter Shift Lever (Incl. Shift Lever, Wear	

Ref. No.	Part No.	Description	No. Used
8	NN10887	Plate & Rubber Plug) Kit - Starter Solenoid (Incl. Solenoid, Spring, & Plunger)	1
9	NN10930	Cap - Starter Solenoid	1
10	NN10768	Nut	1
11	NN10883	Kit - Starter Brush (Incl. Positive Brush [2] & Negative Brush w/Pigtail)	1
12	62-2730	Kit - Bushing (Incl. Front Bushing & Rear Cap w/Bushing)	1
13	NN10929	Holder - Starter Brush (Incl. Brush Holder w/Negative Brush)	1



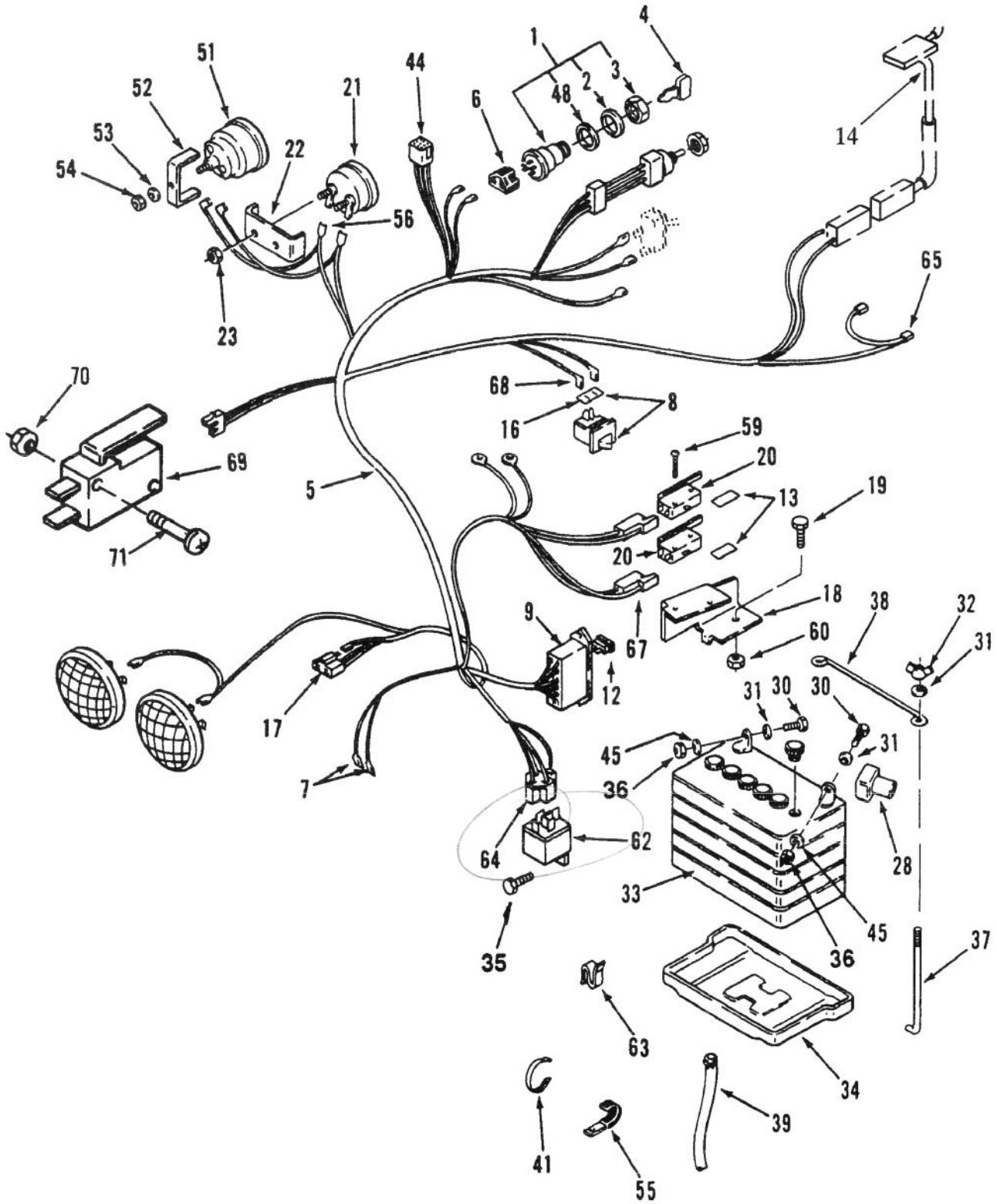
C-1497

## ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	116796	Test Switch (Incl. Ref. #2-4)	1
2	117217	Button - Switch	1
3	111767	Washer	1
4	111359	Nut - Hex	1
5	91573244	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
6	112506	Bracket	1
7	117377	Harness - Wiring	1
8	9107562	Screw	2
9	111343	Bushing Assembly & Indicator Lens	5
10	114825	PC Board w/Lights	1

# ELECTRICAL SYSTEM



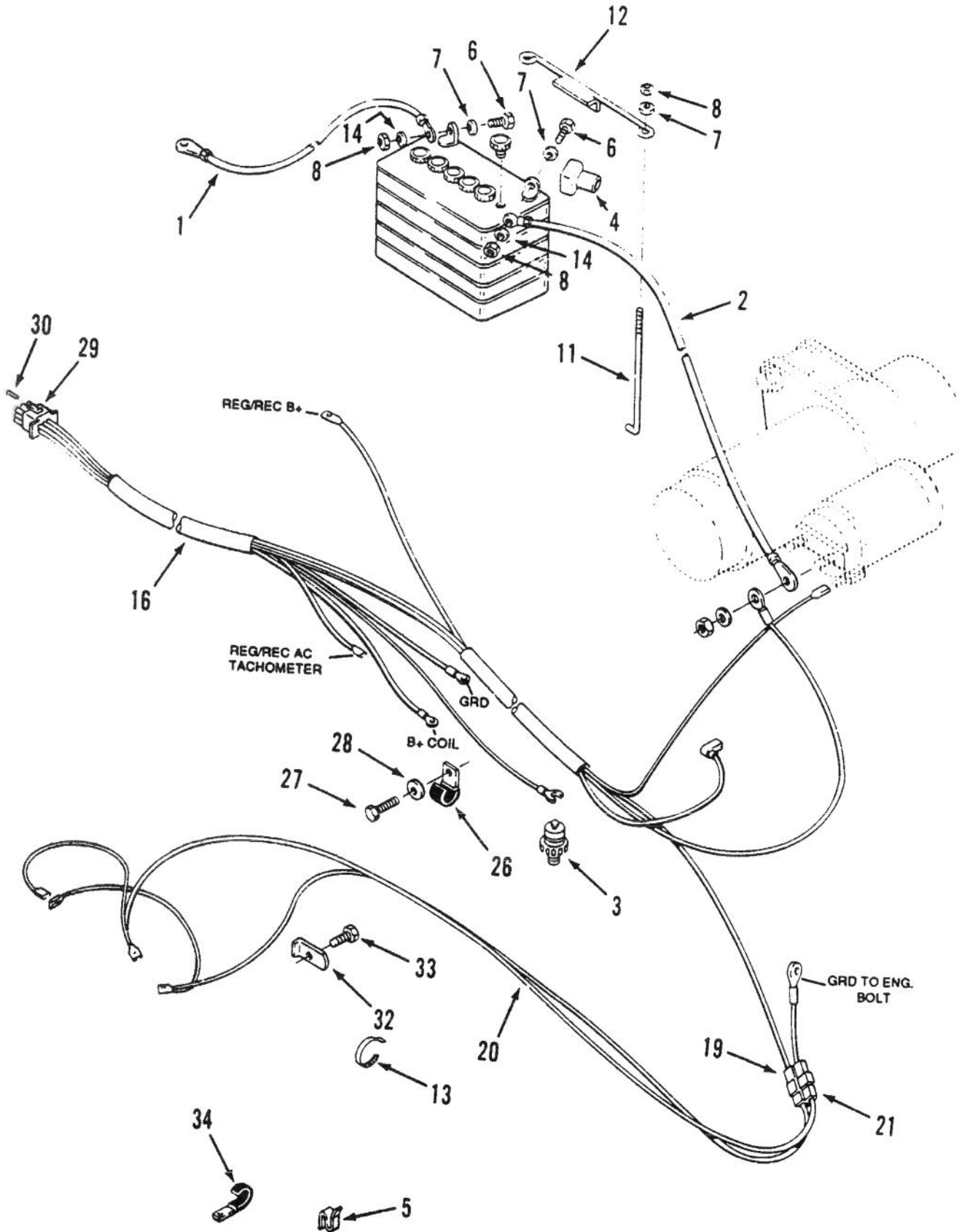
# ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	111216	Switch – Ignition	1
2	9201604	Washer – Lock	1
3	101884	Nut – Special	1
4	62-7770	Key – Ignition, Padded	1
5	79-3620	Wiring Harness (Incl. Ref.# 6,7,9,17,44,65 & 68)	1
6	104926	Switch – Connector Body Ignition	1
7	518105	Terminal	1
8	103480	Switch – Clutch Interlock, (Incl. Ref.#16 )	1
9	120930	Body – Fuse	1
12	109355	Fuse 15 Amp ATO or ATC	1
*	109102	Fuse 25 Amp ATO or ATC	1
*	NN10277	Fuse 30 Amp ATO or ATC	1
13	111642	Barrier – Switch Insulator	2
14	38-1420	Switch – Seat	1
16	110502	Shield – Dirt	1
17	112185	Body – Connector	1
18	115411	Support – Switch	1
19	926671	Bolt	1
20	111332	Switch – PTO Interlock	2
21	79-0060	Voltmeter	1
22	78-0080	Clamp – Voltmeter	1
23	5924	Nut	2
28	109553	Cover – Terminal	1
30	321-4	Bolt	2
31	3256-22	Washer	4

Ref. No.	Part No.	Description	No. Used
32	116497	Nut	4
33	115877	Battery	1
34	106948	Tray – Battery	1
35	910794	Screw	1
36	32146-7	Nut	2
37	113969	Hook – Battery Hold Down	2
38	113010	Hold Down – Battery	1
39	114720	Tube – Drain	1
41	100571	Tie – Cable	1
44	102651	Terminal	8
45	3253-3	Washer – Lock	4
48	9202624	Washer – Special	1
51	78-0020	Meter – Hour (Incl. Ref.# 52-54)	1
52	78-3320	Clamp – Hour Meter	1
53	920120	Washer – Lock	1
54	915962	Nut – Hex	1
55	8830	Clip	1
59	9104784	Screw	2
60	9157324	Nut	2
62	116397	Relay	1
63	519337	Clip – Cable	1
64	518105	Terminal	1
65	6921	Terminal	1
68	518077	Terminal	2
69	111332	Switch – Parking Brake	1
70	9157324	Nut – Hex	2
71	9109482	Screw	2

\*Not Illustrated

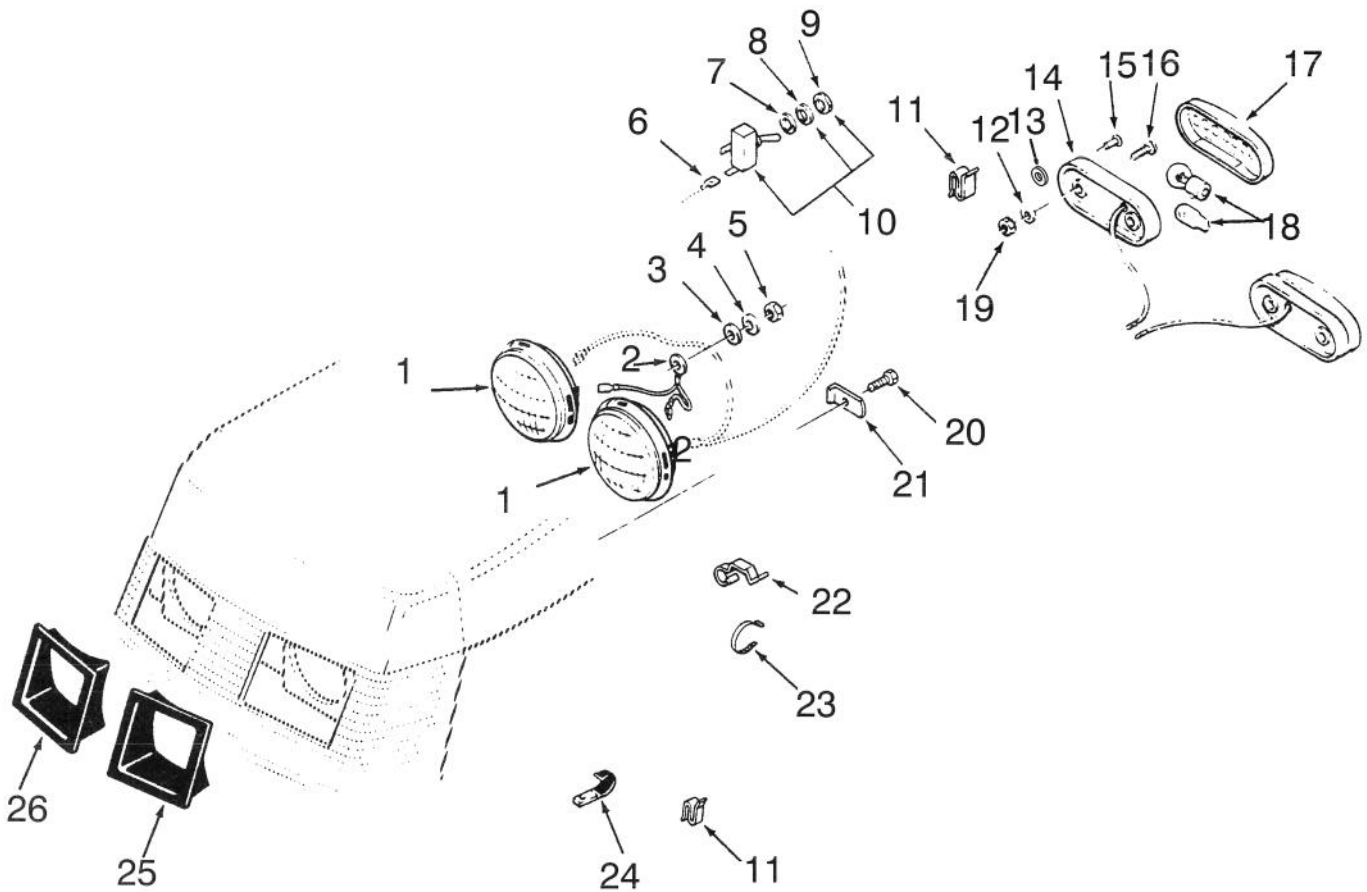
# ELECTRICAL SYSTEM



# ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	114210	Cable – Battery Ground	1
2	113825	Cable – Battery (+) to Solenoid	1
3	NN10824	Switch – Low Oil Pressure	1
4	109553	Cover – Terminal	2
5	3023	Clip – Small	1
6	321-4	Bolt	2
7	3256-22	Washer	4
8	116497	Nut	6
11	113969	Hook – Battery Hold Down	2
12	113010	Rod – Battery Hold Down	1
13	100571	Tie – Cable	1

Ref. No.	Part No.	Description	No. Used
16	NN10294	Harness – Engine Wiring	1
19	NN10278	Connector	1
20	114052	Harness – Headlight	1
21	109357	Connector	1
26	NN10348	Clip	1
27	NN10399	Screw	1
28	NN10425	Washer – Lock	1
29	NN10281	Connector	1
30	NN10279	Contact – Socket	1
32	109459	Clamp	2
33	926671	Bolt – Hex	2
34	8830	Clip	1

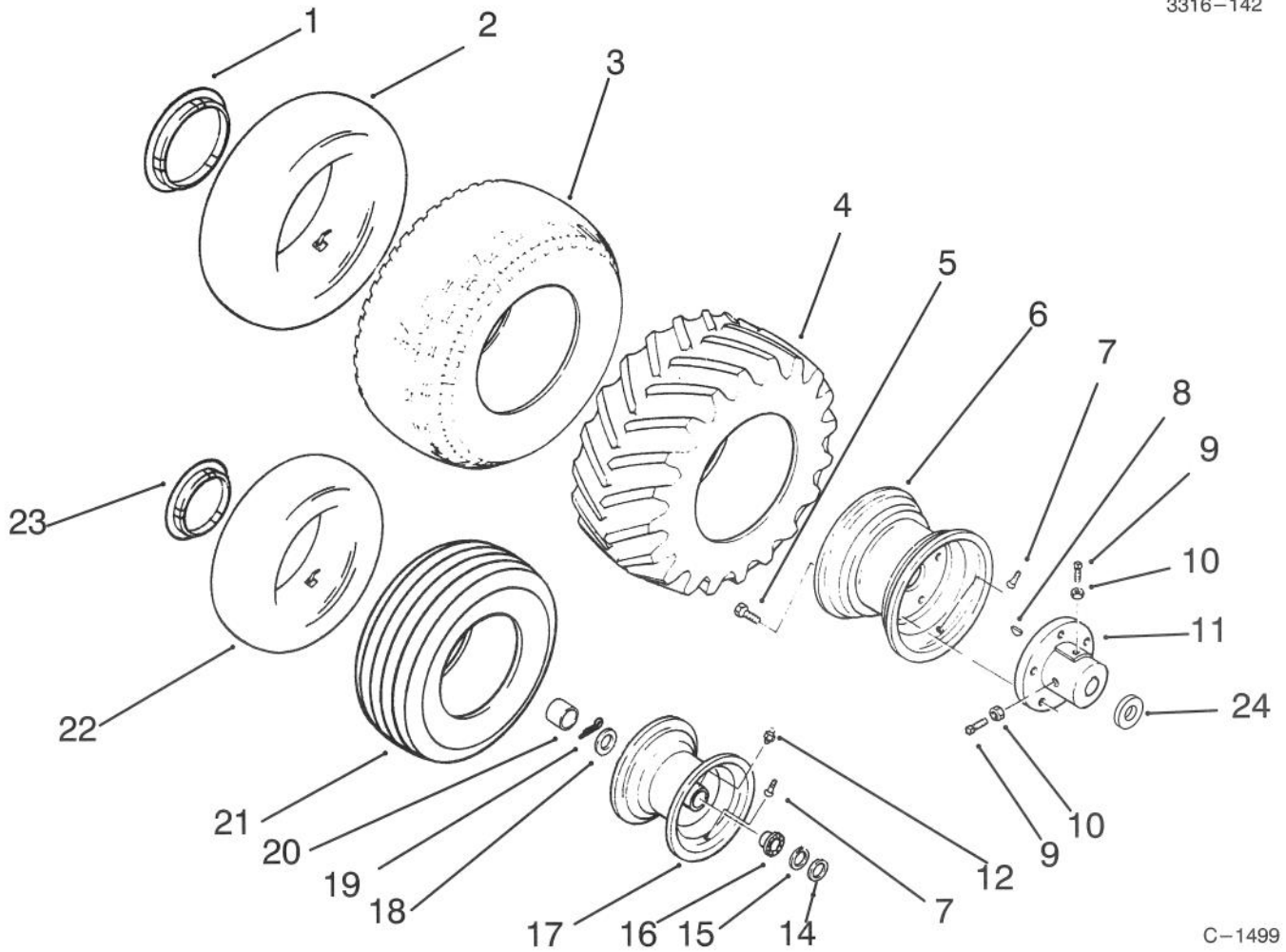


C-1498

## ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	102881	Headlight	2	15	3269-3	Rivet - Pop	4
2	108130	Wire - Headlight Ground	1	16	910808	Screw	4
3	3256-23	Washer	1	17	112564	Lens - Taillight	2
4	3254-2	Washer - Lock	1	18	8043	Bulb - Light, Metal Base	2
5	3296-29	Nut	1	*	109045	Bulb - Light, All Glass	2
6	518104	Terminal	1	19	915551	Nut	4
7	9202594	Washer - Special	1	20	926671	Bolt	2
8	102950	Ring - Retaining	1	21	109459	Clamp	2
9	113179	Nut	1	22	8519	Clip - Large	1
10	102138	Switch - Light	1	23	100571	Tie - Cable	1
11	3023	Clip - Small	1	24	8830	Clip	1
12	3256-21	Washer	4	25	109495	Retainer - Headlight L.H.	1
13	3254-1	Washer - Lock	4	26	109494	Retainer - Headlight RH	1
14	105202	Base - Taillight, w/Bulb	2				

\*Not Illustrated



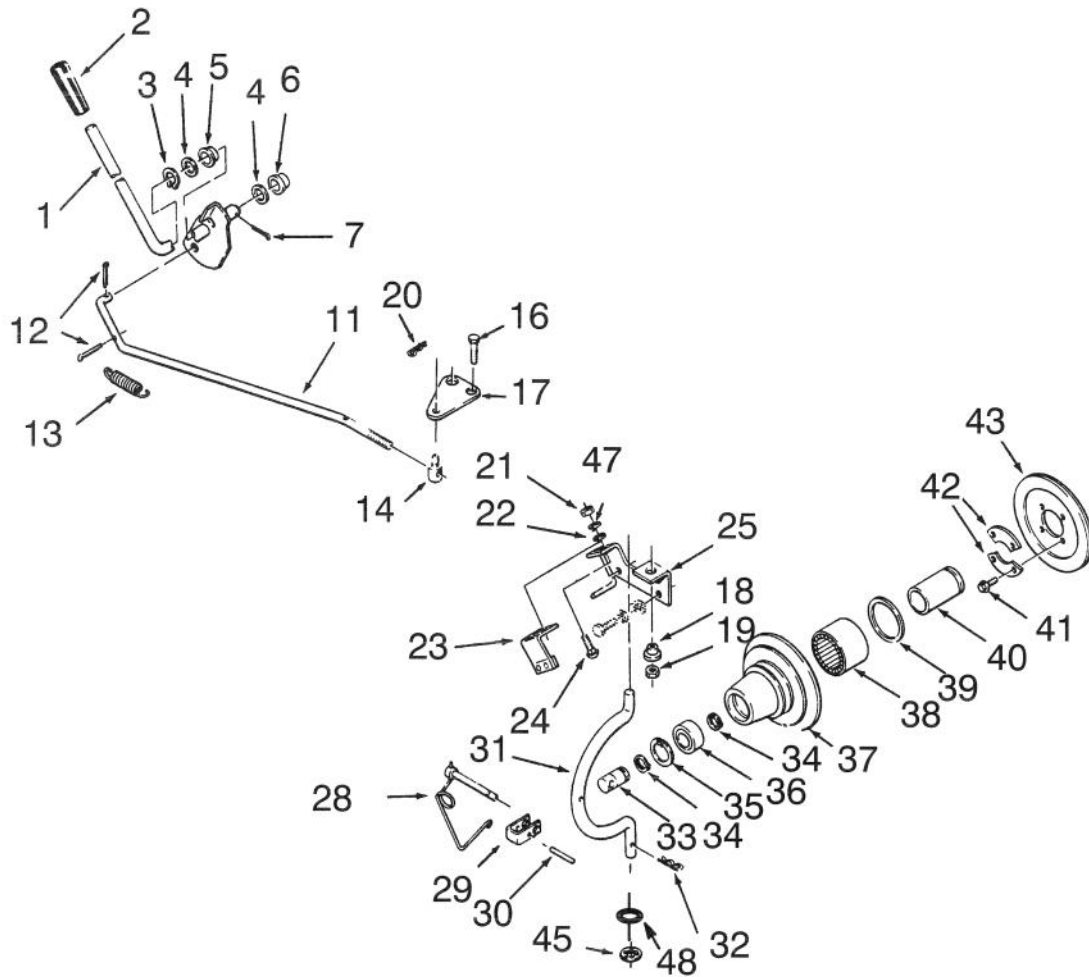
C-1499

### WHEELS AND TIRES

Ref. No.	Part No.	Description	No. Used
1	114428	Logo - Hub Cap 12"	2
2	7007	Tube - Rear (Opt.)	2
*	100291	Tube - Cleat Tires" (Opt.)	2
3	116744	Tire - Turf Trac, Rear	2
4	7607	Tire - Cleat, Rear" (Opt.)	2
5	83-2720	Bolt - Lug	10
6	111516	Wheel - Rear	2
7	5108	Stem - Valve	4
8	937108	Key - Woodruff	2
9	3243-5	Screw - Set	4
10	3218-3	Nut	4
11	105763	Hub - Rear	2
12	109500	Fitting - Grease	2

Ref. No.	Part No.	Description	No. Used
14	5210	Washer - Shim .015	2
15	1278	Washer - Shim .050	4
16	110513	Bearing - Ball	4
17	78-1660	Wheel Assembly - Front (Incl. Ref.# 7, 12, & 16)	2
18	111952	Washer - Special Hub Cap	2
19	3272-17	Pin - Cotter	2
20	111951	Hubcap	2
21	117127	Tire - Turf Trac, Front	2
22	100079	Tube - Front (Opt.)	2
23	114427	Logo - Hub Cap 8" (Opt.)	2
24	106886	Washer - Thrust	2

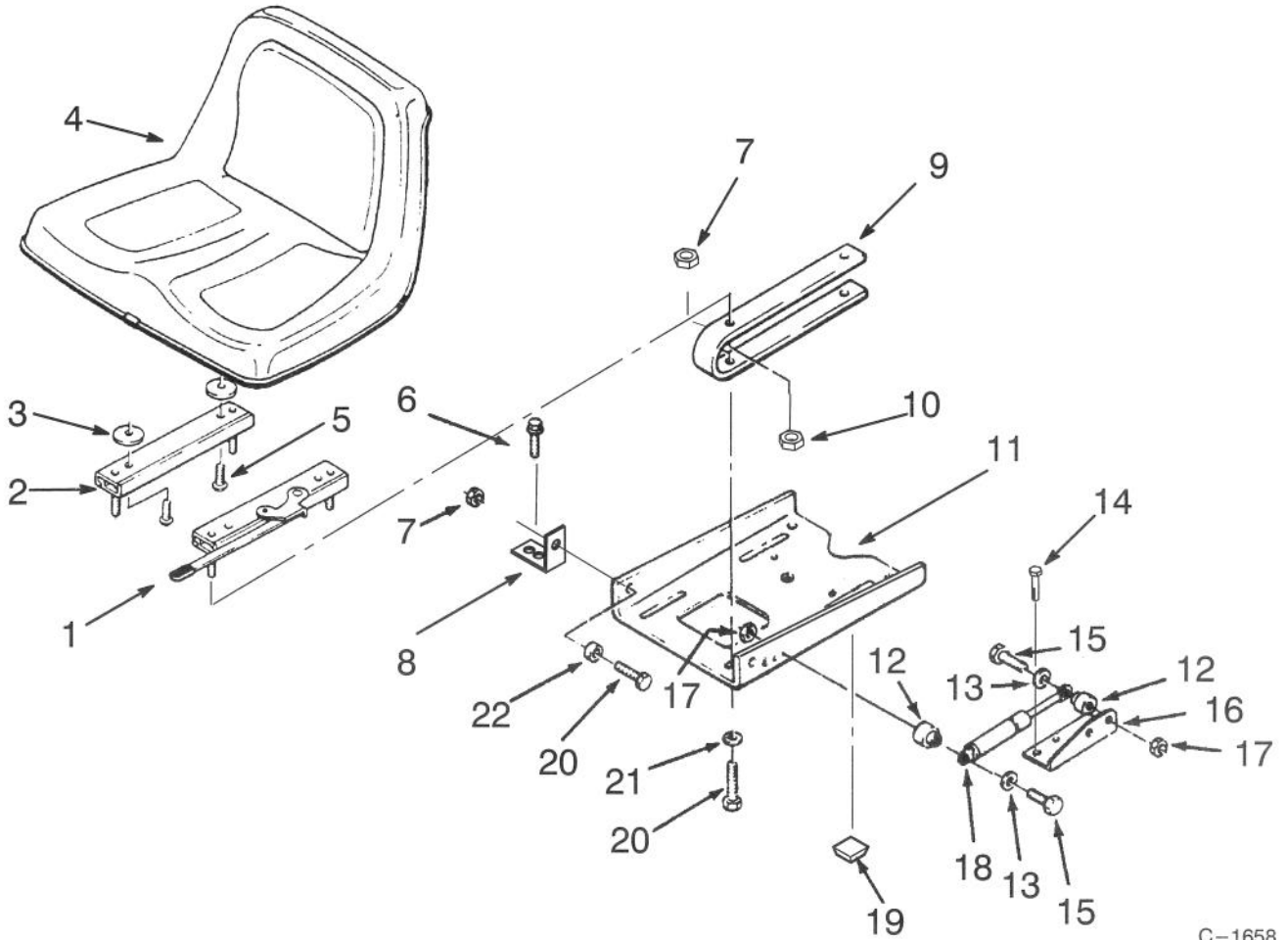
\*Not Illustrated



C-1500

## PTO CLUTCH AND CONTROL

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111234	Lever - PTO Clutch	1	25	113853	Bracket - Engine113874??	1
2	9038	Grip	1	28	111314	Pin - Locking	1
3	32151-11	Ring - Grip	1	29	113107	Clevis	1
4	3765	Washer - Shim	2	30	933274	Pin - Spirol	1
5	5666	Bushing - Nyliner	1	31	113108	Rod - PTO Housing	1
6	5983	Bushing	1	32	933506	Pin - Cotter	1
7	3272-10	Pin - Cotter	1	33	102872	Shaft - Stub	1
11	111052	Rod - PTO Clutch	1	34	32120-72	Ring - Snap	2
12	3272-10	Pin - Cotter	2	35	32120-62	Ring - Snap	1
13	103125	Spring	1	36	109842	Bearing - Ball	1
14	110656	Trunnion	1	37	103478	Housing - Pulley	1
16	323-7	Bolt	1	38	6662	Bearing - Needle	1
17	110669	Plate - PTO	1	39	6663	Seal	1
18	104859	Spacer	1	40	6658	Race - Bearing	1
19	3296-39	Nut	1	41	9080026	Bolt - Nylok	4
20	9335054	Pin - Cotter	1	42	6659	Retainer	2
21	3218-1	Nut	2	43	114881	Facing - Clutch Plate	1
22	3256-22	Washer	2	45	106695	Push-On Ring	1
23	110665	Brake Assembly - PTO	1	47	3253-3	Washer - Lock	1
24	3229-25	Bolt - Carriage	2	48	3256-27	Washer	1



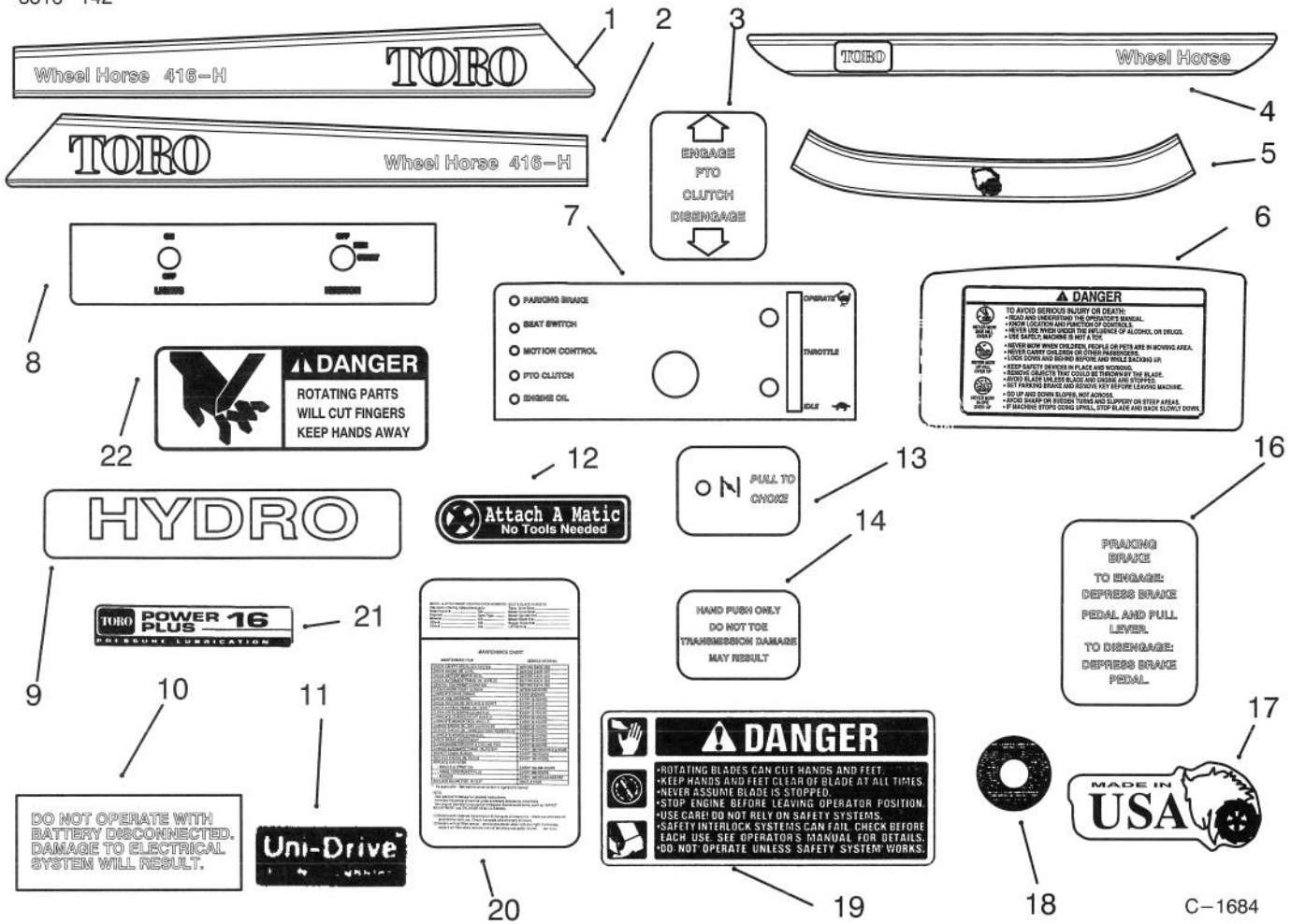
C-1658

### SEAT

Ref. No.	Part No.	Description	No. Used
1	114264	Adjuster - Seat, L.H.	1
2	114265	Slide - Seat, R.H.	1
3	109989	Spacer	4
4	79-3680	Seat	1
5	9108652	Bolt	4
6	913464	Bolt	4
7	3296-29	Nut	6
8	105524	Bracket - Pivot	2
9	114263	Spring - Seat	2
10	9151126	Nut	4
11	78-2990	Plate - Seat Pivot	1

Ref. No.	Part No.	Description	No. Used
12	114344	Spacer	2
13	3256-22	Washer	2
14	9266944	Bolt	2
15	321-8	Bolt	2
16	114345	Bracket	1
17	3296-42	Nut	2
18	114343	Spring - Gas	1
19	111071	Bumper	2
20	322-4	Bolt	6
21	3256-23	Washer	4
22	105503	Bushing	2

\*Not Illustrated



C-1684

## DECALS

Ref. No.	Part No.	Description	No. Used
1	79-4670	Decal - Hood L.H.	1
2	79-4660	Decal - Hood R.H.	1
3	111960	Decal - PTO Clutch	1
4	117760	Decal - Rear Fender	1
5	117509	Decal - Front Hood	1
6	88-0020	Decal - Rear Hood Danger	1
7	78-7270	Decal - Lower Dash	1
8	79-2470	Decal - Switch Plate	1
9	117511	Decal - 416-Hydro	2
10	111926	Decal - Electrical System	1
11	104955	Decal - Unidrive	1

Ref. No.	Part No.	Description	No. Used
12	115197	Decal - Attach-A-Matic	1
13	78-7300	Decal - Choke	1
14	116446	Decal - Do Not Tow	1
16	116445	Decal - Parking Brake	1
17	117242	Decal - Made in U.S.A.	1
18	KH10191	Decal - Air Cleaner/Lub	1
19	79-0370	Decal - Danger	1
20	88-3200	Decal - Maintenance	1
21	118540	Decal - Power Plus	1
22	88-2790	Decal - Danger	1
*	92-1549	Loose Parts Package	1

# TORO PART NUMBER INDEX

3316-142

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
1030	Fitting - Grease	15	26	100656	Bearing - Cam	13	16
1085	Collar	15	3	101017	Lock - Mid Hitch	21	18
1121	Key - Sq.	17	6	101623	Gear - Differential Pinion	9	14
1230	Spring	13	25	101625	Gear - Pinion 11 Tooth	9	23
1278	Washer - Shim	19	17	101626	Gear - Pinion 44 Tooth	9	24
1278	Washer - Shim	11	22	101699	Kit - Service Assembly	11	18
1278	Washer - Shim	15	25	101707	Lock - Front	21	6
1278	Washer - Shim .050	51	15	101711	Housing - Front Hitch	21	1
1481	Fitting - Grease, 45°	19	3	101750	Rod	21	3
1518	Bearing - Needle	9	8	101751	Rod - Front Hitch Lock	21	4
1532	Bearing - Needle	9	6	101850	Rod - Hood Stop	23	29
1538	Bearing - Needle	9	7	101853	Spring	13	63
1644	Hitch - Drawbar	21	9	101884	Nut - Special	47	3
2844	Special Washer	15	14	101887	Gear 46 Tooth	9	27
3023	Clip	25	26	101889	Gear - Differential Axle	9	20
3023	Clip - Small	49	5	102025	Spacer	13	23
3023	Clip - Small	50	11	102138	Switch - Light	50	10
3765	Washer - Shim	52	4	102628	Fitting (With 973370 "O"Ring)	5	18
5108	Stem - Valve	51	7	102628	Fitting - Straight	11	12
5210	Washer - Shim	19	16	102644	Plate - Mid Hitch	21	15
5210	Washer - Shim .015	51	14	102651	Terminal	47	44
5224	Cap	28	28	102809	Nut - Special, Flanged	13	24
5618	Ring - Retaining	19	8	102872	Shaft - Stub	52	33
5618	Ring - Retaining	21	12	102881	Headlight	50	1
5638	Axle - Front	19	1	102950	Ring - Retaining	50	8
5666	Bushing - Nyliner	52	5	103125	Spring	52	13
5924	Nut	47	23	103125	Spring - Brake Return	15	6
5979	Bushing - Hood Pivot	23	32	103478	Housing - Pulley	52	37
5983	Bushing	13	6	103480	Switch - Clutch Interlock,	47	8
5983	Bushing	52	6	103787	Line - Fuel 50"	41	10
5991	Fitting	5	15	103995	Washer - Special	3	4
6216	Pin & Plate	19	4	104047	Bushing	41	7
6229	Bearing	17	15	104048	Valve - Fuel Shut-Off	41	8
6254	Bushing	15	2	104248	Grommet	25	18
6397	Bearing	19	23	104841	Spring	11	7
6449	Axle - Seal	9	9	104859	Spacer	52	18
6472	Bearing - Flanged	19	12	104926	Switch - Connector Body	47	6
6658	Race - Bearing	52	40	104955	Decal - Unidrive	54	11
6659	Retainer	52	42	105061	Gear - Differential Ring	9	13
6662	Bearing - Needle	52	38	105202	Base - Taillight, w/Bulb	50	14
6663	Seal	52	39	105269	Shaft-Drawbar Hitch	21	10
6739	Trunnion	17	8	105316	Cap - Lock Rod	21	8
6921	Terminal	47	65	105453	Key	3	9
7007	Tube - Rear (Opt.)	51	2	105503	Bushing	53	22
7443	Pulley - Engine Drive	3	10	105524	Bracket - Pivot	53	8
7451	Pulley - Idler	13	43	105763	Hub - Rear	51	11
7456	Clamp	27	11	105797	Ring - Retaining	21	5
7607	Tire - Cleat, Rear (Opt.)	51	4	105797	Ring - Retaining	23	31
7879	Bushing	13	51	105859	Latch - Front Hitch	21	2
7896	Washer - Bowed	19	29	105876	Ring - Retaining	9	21
7956	Washer - Thrust	9	30	106193	Bolt - Special	13	45
8043	Bulb - Light, Metal Base	50	18	106222	Footrest - RH	27	6
8519	Clip - Large	50	22	106223	Footrest - L.H.	27	7
8616	Spring	21	7	106234	Tank - Fuel	41	3
8830	Clamp	27	40	106236	Support - Fuel Tank, RH	27	20
8830	Clip	50	24	106267	Grommet - Rubber	11	14
8830	Clip	49	34	106269	Bushing	17	4
8830	Clip	47	55	106352	Guard - Lower Belt	27	5
9038	Grip	52	2	106448	Tube - Filler	9	38
9038	Grip	21	22	106454	Trim - Edge	25	25
9416	Bearing - Needle	9	5	106522	Chain - Lift	17	10
9547	Washer - Thrust	9	25	106634	Pin - Hitch	21	13
100079	Tube - Front (Opt.)	51	22	106661	Cam - Eccentric	5	5
100291	Tube - Cleat Tires (Opt.)	51	*	106695	Push-On Ring	52	45
100304	Spacer	13	8	106719	Drum - Brake	15	13
100305	Washer - Friction	5	3	106772	Trim - Edge 4	25	11
100309	Spacer	5	1	106886	Washer - Thrust	51	24
100365	Washer - Spring Disc	5	34	106948	Tray - Battery	47	34
100571	Tie - Cable	11	*	107069	Clip	27	8
100571	Tie - Cable	49	13	107069	Nut - Speed	25	15
100571	Tie - Cable	50	23	107374	Washer - Special	9	15
100571	Tie - Cable	47	41	107691	Spacer	15	5

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.			
		No.	Qty.			No.	Qty.		
107691	Spacer	11	21	1	110768	Dipstick	9	39	1
107938	Spring	13	37	1	110960	Fender	27	22	1
107951	Bracket - Fender Front	27	14	1	111052	Rod - PTO Clutch	52	11	1
108130	Wire - Headlight Ground	50	2	1	111071	Bumper	53	19	2
108312	Gasket - Case	9	31	1	111071	Bumper	27	31	2
108316	Pulley - Transmission Drive	3	6	1	111196	Cap - Differential End	9	12	2
108319	Gasket	5	29	1	111199	Bearing - Ball	9	4	2
108323	Base - Oil Filter	5	16	1	111201	Case - Transaxle, LH	9	3	1
108325	Speed Control	5	9	1	111216	Switch - Ignition	47	1	1
108326	Spacer - Pivot, Long	5	33	1	111217	Tube - Suction	5	27	1
108327	Spacer - Friction, Short	5	32	1	111234	Lever - PTO Clutch	52	1	1
108329	Plate - Control	5	10	1	111314	Pin - Locking	52	28	1
108333	Cam - Speed Control	5	6	1	111332	Switch - PTO Interlock	47	20	2
108357	Seal	9	10	1	111332	Switch - Parking Brake	47	69	1
108361	Axle - Rear, LH Short	9	19	1	111343	Bushing Assembly	45	9	5
108362	Axle - Rear, RH Long	9	18	1	111357	Clip	28	31	1
108363	Pin - Dowel	9	11	2	111359	Nut - Hex	45	4	1
108364	Fitting (With 973620 "O"Ring)	5	26	1	111392	"J"Clip	23	21	1
108365	Elbow (With 973370 "O"Ring)	5	23	1	111516	Wheel - Rear	51	6	2
108365	Fitting - 90°	11	25	3	111642	Barrier - Switch Insulator	47	13	2
108366	Spacer - Drive Gear	5	22	1	111757	Edging - Console	23	9	1
108368	Pump & Motor	5	24	1	111767	Washer	45	3	1
108393	Fan	3	5	1	111926	Decal - Electrical System	54	10	1
108457	Nut - Push	27	32	1	111951	Hubcap	51	20	2
108464	Support - Fuel Tank, L.H.	27	19	1	111952	Washer - Special Hub Cap	51	18	2
108473	Washer - Wave	13	36	2	111960	Decal - PTO Clutch	54	3	1
108496	Rod - Pivot	13	13	1	112185	Body - Connector	47	17	1
108680	Spring	15	11	1	112415	Stop - PTO	23	24	1
108716	Plate - Cam	13	26	1	112506	Bracket	45	6	1
108717	Spacer	13	30	1	112506	Bracket	23	17	1
108881	Nut	9	17	4	112564	Lens - Taillight	50	17	2
108881	Nut	21	20	6	112595	Button	7	10	2
108881	Nut - Lock	5	2	2	112600	Ring - Retaining	7	53	2
108898	Clamp	41	9	2	112604	Seal	7	3	2
108904	Rod Control 9 Long	13	11	1	112608	Pin - Coil	7	21	1
109045	Bulb - Light, All Glass	50	*	2	112610	Ball	7	24	2
109081	Kit - Valve Assembly	11	*	1	112611	Ring - Retaining	7	23	2
109088	Kit - Service Assembly	11	19	1	112613	Plug - "O"Ring	7	48	1
109102	Fuse 25 Amp ATO or ATC	47	*	1	112614	"O"Ring	7	49	1
109189	Bearing	19	24	1	112616	Screw	7	33	4
109262	Washer - Special	19	32	2	112616	Screw	7	54	2
109355	Fuse 15 Amp ATO or ATC	47	12	1	112635	Screw	7	1	1
109356	Bushing	15	19	1	112636	Bearing - Input	7	2	1
109357	Connector	49	21	1	112637	Housing - Pump Assembly	7	4	1
109367	Arm - Brake Pivot	15	18	1	112638	Ring - Seal	7	6	1
109367	Bracket - Brake	9	32	1	112639	Plate	7	7	1
109370	Shaft	9	26	1	112640	Ring - Seal	7	8	1
109371	Band - Brake	15	17	1	112641	Cover Assembly	7	9	1
109372	Rod - Brake, Front	15	7	1	112642	Pin	7	12	1
109459	Clamp	50	21	2	112643	Shaft - Input	7	13	1
109459	Clamp	49	32	2	112644	Ring - Seal	7	14	1
109494	Retainer - Headlight RH	50	26	1	112645	Rotor - Pump	7	15	1
109495	Retainer - Headlight L.H.	50	25	1	112646	Pintle Assembly	7	22	1
109500	Fitting - Grease	51	12	2	112647	Body - Check Valve	7	25	2
109530	Nut	25	29	1	112648	Ball	7	26	1
109553	Cover - Terminal	49	4	2	112649	Spring - Relief Valve	7	27	1
109553	Cover - Terminal	47	28	1	112650	Plug - Relief Valve	7	28	1
109554	Bracket - Belt Guard	27	17	1	112651	Pin	7	29	1
109703	Gear Assembly	9	22	1	112652	Shield	7	30	1
109742	Gear 20 Tooth	9	28	1	112653	Ring - Retaining	7	31	1
109751	Gear 20 Tooth	5	21	1	112654	Ring - Retaining	7	5	2
109842	Bearing - Ball	52	36	1	112654	Ring - Retaining	7	32	2
109989	Spacer	53	3	4	112656	Roller	7	34	6
110124	Hose - Valve To	11	23	1	112657	Carrier	7	35	1
110125	Hose - Valve To Cylinder 9	11	11	1	112658	Seal	7	36	1
110142	Trim - Edge	25	23	1	112659	Kit - Control Shaft	7	37	1
110502	Shield - Dirt	47	16	1	112660	Insert - Cam Ring	7	40	1
110513	Bearing - Ball	51	16	4	112661	Spring - Acc. Valve	7	41	1
110636	Pad - Footrest	27	13	2	112661	Spring - Acc. Valve	7	42	1
110656	Trunnion	52	14	1	112662	Body - Acc. Valve	7	43	2
110665	Brake Assembly - PTO	52	23	1	112663	Ball	7	44	2
110669	Plate - PTO	52	17	1	112664	Rotor - Motor	7	45	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3316-142

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
112665	Shaft - Output	7 46 1	117127	Tire - Turf Trac, Front	51 21 2
112666	Bearing - Output	7 52 1	117217	Button - Switch	45 2 1
112667	Kit - Seal, Overhaul	7 55 1	117242	Decal - Made in U.S.A.	54 17 1
112668	Ring - Cam	7 56 1	117343	Latch - Hood	23 15 2
112669	Body Assembly	7 50 1	117344	Handle Assembly	23 5 2
113010	Hold Down - Battery	47 38 1	117371	Bolt - Carriage	25 6 4
113010	Rod - Battery Hold Down	49 12 1	117377	Harness - Wiring	45 7 1
113041	Piston	7 18 2	117431	Rivet - Pop	23 14 4
113107	Clevis	52 29 1	117432	Rivet - Pop	23 4 4
113108	Rod - PTO Housing	52 31 1	117509	Decal - Front Hood	54 5 1
113136	Race - Pump	7 16 1	117511	Decal - 416-Hydro	54 9 2
113137	Race - Motor	7 47 1	117760	Decal - Rear Fender	54 4 1
113179	Nut	50 9 1	117930	Latch - Mid Hitch	21 17 1
113381	Spindle - Front, LH	19 * 1	118280	Holder - Fuse	27 36 1
113382	Spindle - Front, R.H.	19 7 1	118530	Name Plate - Toro	29 16 1
113443	Tube - Steering	19 28 1	118540	Decal - Power Plus	54 21 1
113445	Bar - Lift	17 14 1	118620	Bolt - Carriage	27 33 2
113454	Control - Cam	13 57 1	118660	Guide - Control	13 60 1
113825	Cable - Battery (+) to	49 2 1	118860	Knob - Parking Brake Lever	13 21 1
113853	Bracket - Engine 113874??	52 25 1	119340	Cylinder - Hydraulic	11 20 1
113969	Hook - Battery Hold Down	49 11 2	120590	Stop - Throttle	23 20 1
113969	Hook - Battery Hold Down	47 37 2	121100	Lever - Lift	17 1 1
114000	Valve - Hydraulic	11 28 1	201327	Screw	40 28 3
114052	Harness - Headlight	49 20 1	518077	Terminal	47 68 2
114210	Cable - Battery Ground	49 1 1	518104	Terminal	50 6 1
114214	Gasket - Exhaust	28 30 2	518105	Terminal	47 7 1
114215	Cover - Exhaust, L.H.	28 22 1	518105	Terminal	47 64 1
114216	Cover - Exhaust, RH	28 23 1	519337	Clip - Cable	47 63 1
114217	Deflector - Air	28 21 1	910331	Screw	28 20 4
114263	Spring - Seat	53 9 2	910794	Screw	47 35 1
114264	Adjuster - Seat, L.H.	53 1 1	910808	Screw	50 16 4
114265	Slide - Seat, R.H.	53 2 1	911423	Bolt	9 16 4
114343	Spring - Gas	53 18 1	913464	Bolt	53 6 4
114344	Spacer	53 12 2	915551	Nut	50 19 4
114345	Bracket	53 16 1	915553	Nut	28 4 4
114427	Logo - Hub Cap 8 (Opt.)	51 23 2	915962	Nut - Hex	47 54 1
114428	Logo - Hub Cap 12	51 1 2	920120	Washer - Lock	47 53 1
114636	Pipe	28 25 1	926671	Bolt	47 19 1
114720	Tube - Drain	47 39 1	926671	Bolt	50 20 2
114763	Pipe	28 27 1	926671	Bolt - Hex	49 33 2
114764	Elbow - 90	28 26 1	926694	Bolt	13 14 1
114825	PC Board w/Lights	45 10 1	926696	Bolt	25 * 2
114877	Guard - Belt	27 1 1	926697	Bolt	41 2 2
114881	Facing - Clutch Plate	52 43 1	933135	Pin - Spirol	13 59 1
114895	Belt - Drive	3 8 1	933198	Pin - Spirol	11 33 1
114951	Control - Choke	25 28 1	933198	Pin - Spirol	13 68 1
115197	Decal - Attach-A-Matic	54 12 1	933274	Pin - Spirol	52 30 1
115392	Control - Throttle	23 7 1	933506	Pin - Cotter	52 32 1
115411	Support - Switch	47 18 1	933507	Pin - Cotter	17 2 2
115877	Battery	47 33 1	937099	Key - Woodruff	9 29 1
116000	Bolt - Carriage	27 3 1	937108	Key - Woodruff	51 8 2
116000	Bolt - Carriage	27 9 6	937221	Key - Hi-Pro	3 7 1
116302	Arm - Control	11 34 1	950154	Clamp	41 11 2
116305	Bracket - Control Rod	11 4 1	973310	"O"Ring	11 10 2
116321	Arm - Control	13 64 1	973370	"O"Ring	11 13 4
116324	Rod Assembly	13 74 1	9080026	Bolt - Nylok	52 41 4
116397	Relay	47 62 1	9080356	Bolt	28 3 4
116407	Rod End	13 10 2	9080356	Bolt	28 5 4
116445	Decal - Parking Brake	54 16 1	9080406	Bolt	5 28 1
116446	Decal - Do Not Tow	54 14 1	9080406	Bolt	9 33 1
116454	Knob - Control	23 8 1	9104784	Screw	47 59 2
116470	Muffler	28 24 1	9107562	Screw	45 8 2
116497	Nut	49 8 6	9107622	Screw	23 10 2
116497	Nut	47 32 4	9107922	Screw	23 6 2
116609	Plate - Engine	28 2 1	9107944	Screw - Machine	27 34 2
116634	Knob - Hydraulic Lift	11 2 1	9108372	Screw	27 2 2
116635	Knob - Motion Control	13 2 1	9108372	Screw	25 14 6
116744	Tire - Turf Trac, Rear	51 3 2	9108372	Screw	25 24 1
116745	Rod - Pivot	23 28 1	9108652	Bolt	53 5 4
116746	Bracket - L.H.	23 33 1	9109482	Screw	47 71 2
116747	Bracket - L.H.	23 25 1	9150024	Nut	19 39 1
116796	Test Switch	45 1 1	9151126	Nut	25 7 4

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
9151126	Nut	53	10	4	NN10138	Cup - Oil Pump Intake	34	8	1
9156934	Nut	19	11	4	NN10143	Filter - Oil	35	7	1
9157324	Nut	47	60	2	NN10159	Cap - Oil Fill & Indicator	34	9	1
9157324	Nut - Hex	47	70	2	NN10171	Flywheel	33	15	1
9157404	Nut	27	35	4	NN10174	Element - Air Cleaner	36	4	1
9157404	Nut - Lock	23	19	2	NN10176	Element - Foam	36	3	1
9159604	Nut	23	18	2	NN10187	Tube - Air Intake	36	11	1
9201504	Washer - Lock	23	11	2	NN10199	Jet - Power	38	6	1
9201604	Washer - Lock	47	2	1	NN10201	Jet - Idle	38	5	1
9202594	Washer - Special	50	7	1	NN10207	Kit - Choke Shaft	38	7	1
9202624	Washer - Special	47	48	1	NN10209	Kit - Float	38	1	1
9266944	Bolt	25	4	1	NN10214	Pin	33	14	1
9266944	Bolt	25	12	4	NN10215	Ring - Retaining	33	6	1
9266944	Bolt	53	14	2	NN10217	Spring - Governor, 5 Ball	40	11	1
9266944	Bolt	27	23	2	NN10218	Bushing	40	20	1
9266944	Bolt	27	4	1	NN10219	Spring	40	16	1
9266944	Bolt	25	10	1	NN10221	Hub - Governor Cup	33	7	1
9266944	Bolt - Washer Hd	23	22	3	NN10222	Cup - Governor	33	8	1
9320004	Pin - Cotter	23	30	2	NN10245	Battery Ignition Coil	43	31	1
9320004	Pin - Cotter	11	31	2	NN10247	Rotor - Ignition	43	32	1
9321204	Pin - Clevis	11	30	1	NN10248	Nut	43	36	1
9329974	Pin - Clevis	11	17	1	NN10249	Nut	43	39	1
9335054	Pin - Cotter	17	9	1	NN10261	Regulator - Voltage	43	28	1
9335054	Pin - Cotter	21	14	1	NN10266	Kit - Starter Shift Lever	44	7	1
9335054	Pin - Cotter	52	20	1	NN10277	Fuse 30 Amp ATO or ATC	47	*	1
9335054	Pin - Cotter	17	21	1	NN10278	Connector	49	19	1
9791204	Spacer	21	11	2	NN10279	Contact - Socket	49	30	1
91573244	Nut - Lock	45	5	2	NN10281	Connector	49	29	1
NN0980	Capacitor (300 VD)	36	20	1	NN10289	Clamp	29	7	1
NN10003	Bearing - Crankshaft, Front	31	15	1	NN10290	Terminal - Stator Leads	43	18	3
NN10004	Bearing - Crankshaft, Front	31		1	NN10294	Harness - Engine Wiring	49	16	1
NN10005	Bearing - Crankshaft, Front	31		1	NN10296	Bracket - Lifting	29	9	2
NN10006	Bearing - Crankshaft, Front	31		1	NN10302	Line - Fuel	41	14	2
NN10007	Bearing - Crankshaft, Front	31		1	NN10309	Grommet	36	16	1
NN10010	Bearing - Crankshaft, Rear	31		1	NN10320	Swivel - Throttle Control	40	30	1
NN10012	Bearing - Crankshaft, Rear	31		1	NN10323	Ring - Oil	34	10	1
NN10013	Bearing - Crankshaft, Rear	31		1	NN10326	Seal	31	33	2
NN10018	Base - Oil	34		1	NN10327	Bearing	43	8	1
NN10021	Screw	33	16	1	NN10330	Key	33	5	1
NN10030	Washer	33	13	1	NN10334	Pin - Stop	31	11	4
NN10032	Camshaft	33	11	1	NN10335	Pin - Dowel	43	6	1
NN10035	Insert - Intake Seat, Std.	31	14	2	NN10336	Pin	31	20	2
NN10036	Insert - Intake Seat .002	31		2	NN10345	Retaining Ring	31	56	4
NN10037	Insert - Intake Seat .005	31		2	NN10348	Clip	41	15	1
NN10038	Insert - Intake Seat .010	31		2	NN10348	Clip	49	26	1
NN10039	Insert - Intake Seat .025	31		2	NN10348	Clip - Fuel Line	37	9	1
NN10054	Insert - Exhaust Seat, Std.	31	13	2	NN10348	Clip - Wire	29	18	1
NN10055	Insert - Exhaust Seat .002	31		2	NN10348	Clip - Wire	43	37	1
NN10056	Insert - Exhaust Seat .005	31		2	NN10352	Stud - Gear Cover	43	14	1
NN10057	Insert - Exhaust Seat .010	31		2	NN10355	Washer	33	18	1
NN10058	Insert - Exhaust Seat .025	31		2	NN10356	Washer - Flat	29	12	1
NN10070	Gasket	31	36	2	NN10357	Washer - Flat	40	19	1
NN10075	Valve - Exhaust	31	29	2	NN10359	Washer	31	42	2
NN10075	Valve - Intake	31	28	2	NN10361	Washer	31	51	1
NN10077	Spring	31	31	4	NN10362	Washer - Flat	37	15	1
NN10078	Washer	31	38	4	NN10370	Bolt	31	30	2
NN10079	Head - Left Cylinder	31		1	NN10373	Screw	35	3	2
NN10080	Head - Right Cylinder	31	37	1	NN10375	Screw - Hex. Hd.	37	8	4
NN10082	Lock - Spring	31	32	8	NN10379	Screw	34	4	4
NN10100	Piston Pin	31	55	2	NN10381	Bolt - Special	31	41	10
NN10120	Bolt - Special Rod	31	59	4	NN10385	Screw	31	34	2
NN10125	Rod w/Bolts & Nuts - STD	31	58	2	NN10390	Screw - Hex. Hd.	36	22	1
NN10126	Rod w/Bolts & Nuts - .010	31		2	NN10393	Screw	29	11	4
NN10127	Rod w/Bolts & Nuts - .020	31		2	NN10393	Washer	29	3	1
NN10128	Rod w/Bolts & Nuts - .030	31		2	NN10394	Screw - Hex. Hd.	43	24	2
NN10129	Tappet - Std.	31	27	4	NN10395	Screw	40	14	1
NN10130	Tappet .002 O.S	31		4	NN10399	Screw	49	27	1
NN10131	Tappet .004 O.S	31		4	NN10408	Screw - Hex. Hd.	43	41	2
NN10133	Spring	31	52	1	NN10409	Screw	33	19	6
NN10134	Pump - Oil, Gasket Kit	31	47	1	NN10410	Screw	39	9	1
NN10135	Plunger	31	53	1	NN10410	Screw - Machine	40	32	1
NN10136	Pump - Oil, Complete	31	46	1	NN10412	Screw	39	5	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3316-142

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10414	Screw	29 8 4	57-9700	Clip - Retaining, Rod to	37 12 1
NN10414	Screw - Hex. Hd	43 27 1	57-9710	Ring - Retaining	33 2 1
NN10425	Washer - Lock	49 28 1	57-9730	Clip - Retaining	43 26 1
NN10426	Nut	43 16 1	57-9750	Washer	35 2 2
NN10428	Nut	31 60 4	57-9750	Washer	43 12 5
NN10438	Gear	33 4 1	57-9770	Washer - Flat	44 3 2
NN10439	Washer	33 3 1	57-9770	Washer - Flat	31 40 18
NN10444	Control - Ignition	43 22 1	59-0290	Tube - Oil	31 12 1
NN10465	Wrench	35 8 1	59-0360	Tube - Vacuum Port	43 13 1
NN10478	Guide - Intake Valve	31 2 2	59-0370	Cap	43 20 1
NN10479	Guide - Exhaust Valve	31 16 2	59-0420	Yoke	43 4 1
NN10504	Carburetor	37 1 1	59-0460	Lever - Choke	39 2 1
NN10506	Filter - Fuel	41 17 1	59-0470	Bracket	39 4 1
NN10515	Cover - Ignition Plunger	43 30 1	59-0720	Pin - Cotter	39 10 1
NN10516	Indicator - Ignition Module	43 42 1	59-0720	Pin - Cotter	40 31 1
NN10518	Stator w/Terminals	43 17 1	59-0830	Washer - Flat	40 25 1
NN10554	Gasket	31 7 1	59-0850	Washer	39 1 2
NN10690	Seal	34 13 1	59-0370	Cap - Fuel Fitting	41 28 1
NN10768	Nut	44 10 1	59-0880	Bolt	31 3 5
NN10784	Screw	39 11 1	59-0910	Bolt	31 50 1
NN10809	Kit - Choke Lever	38 8 1	59-0950	Screw	43 5 1
NN10810	Kit - Fixed Jet	38 4 1	59-0970	Screw	29 6 1
NN10811	Kit - Throttle Shaft	38 9 1	59-0980	Screw	29 4 1
NN10821	Cover - Valve	31 25 2	59-1000	Screw	40 22 1
NN10824	Switch - Low Oil Pressure	49 3 1	59-1030	Screw	40 15 1
NN10824	Switch - Oil Pressure	35 10 1	59-1050	Screw	40 35 2
NN10825	Kit - Gearcase	431 1	59-1050	Screw	41 13 1
NN10826	Governor Shaft &	43 3 1	59-1100	Screw	40 18 2
NN10830	Plug	39 7 1	62-2730	Kit - Bushing	44 12 1
NN10832	Bracket	29 15 1	62-7770	Key - Ignition, Padded	47 4 1
NN10853	Crankshaft	33 1 1	71-5830	Cap - Valve	31 44 4
NN10854	Tube - Oil Fill, Chrome	34 12 1	71-5980	Gasket	37 10 2
NN10858	Hose - Fuel	37 16 1	71-6040	Starter, Complete - See	44 2 1
NN10862	Housing - Blower	29 5 1	71-6290	Kit - Engine Gasket Valve	31 45 1
NN10877	Spring - Governor Rod	37 20 1	72-0850	Gasket	37 2 1
NN10883	Kit - Starter Brush	44 11 1	76-1420	Steering Wheel	19 30 1
NN10884	Clutch - Starter	44 6 1	78-0020	Meter - Hour	47 51 1
NN10885	Starter Hdwr Kit	44 1 1	78-0080	Clamp - Voltmeter	47 22 1
NN10886	Seal - Dust	44 5 1	78-0370	Insert	19 40 1
NN10887	Kit - Starter Solenoid	44 8 1	78-1540	Bracket - Control, Lower	13 62 1
NN10894	Drain - Oil Filter	35 4 1	78-1550	Bellcrank	17 7 1
NN10895	Gasket	43 10 1	78-1660	Wheel Assembly - Front	51 17 2
NN10929	Holder - Starter Brush	44 13 1	78-2680	Frame	2 1 1
NN10930	Cap - Starter Solenoid	44 9 1	78-2880	Shaft	19 15 1
38-1420	Switch - Seat	47 14 1	78-2900	Tie Rod Assembly	19 10 2
55-3570	Cap - Fuel	41 4 1	78-2920	Joint - Ball	19 38 1
57-8000	Seal - Oil	31 10 1	78-2990	Plate - Seat Pivot	53 11 1
57-8050	Bearing - Crankshaft, Rear,	31 5 1	78-3010	Bracket - Battery Support	25 5 1
57-8060	Bearing - Crankshaft, Rear	31 1 1	78-3020	Plate - Front	25 9 1
57-8090	Gasket	34 2 1	78-3320	Clamp - Hour Meter	47 52 1
57-8160	Bearing - Camshaft	31 9 2	78-5610	Console	23 16 1
57-8160	Washer - Thrust	31 6 2	78-5620	Plate - Hood Stand, Rear	25 20 1
57-8170	Shim 0.005	31 4 A/R	78-5631	Bracket - Control	13 61 1
57-8180	Gear - Ring	33 22 1	78-5640	Bar - Lift	11 32 1
57-8210	Camshaft Gear	33 12 1	78-5660	Lever - Motion Control	13 1 1
57-8280	Gasket	31 26 2	78-5670	Rod - Lift Control	11 1 1
57-8580	Breather - Baffle	31 22 1	78-6020	Rod - Pivot	13 40 1
57-9080	Pump - Fuel	41 12 1	78-7270	Decal - Lower Dash	54 7 1
57-9170	Swivel - Choke Lever	39 8 1	78-7300	Decal - Choke	54 13 1
57-9180	Link - Choke	39 3 1	78-8500	Lever - Parking Brake	13 20 1
57-9190	Clamp - Cable	40 12 1	79-0060	Voltmeter	47 21 1
57-9190	Clamp - Throttle Cable	40 23 1	79-0370	Decal - Danger	54 19 1
57-9190	Clip	39 12 1	79-0370	Decal - Danger	25 27 1
57-9340	Plug - Spark	43 33 2	79-1350	Pedal - Brake/Return	15 1 1
57-9550	Clamp	43 19 1	79-2470	Decal - Switch Plate	54 8 1
57-9570	Seal - Oil	43 7 1	79-3620	Wiring Harness	47 5 1
57-9580	Seal - Oil	43 9 1	79-3680	Seat	53 4 1
57-9620	"O" Ring	37 14 1	79-4660	Decal - 416-Hydro R.H.	23 1 1
57-9640	Ball	33 9 1	79-4660	Decal - Hood R.H.	54 2 1
57-9650	Bearing	43 2 1	79-4670	Decal - 416-Hydro L.H.	23 * 1
57-9660	Key	33 10 1	79-4670	Decal - Hood L.H.	54 1 1
57-9690	Plug	31 2 1	79-4900	Hoodstand	25 1 1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
79-4990	Bracket - Fender Support	27	18	1	88-2710	Support - Steering	19	19	1
79-5020	Tube Assembly	5	19	1	88-2782	Hood	23	2	1
79-5130	Cover - Side, L.H.	25	13	1	88-2790	Decal - Danger	54	22	1
79-5210	Engine - 16HP TORO Power	28	1	1	88-2790	Decal - Danger	9	41	1
79-5270	Filter - Oil	5	14	1	88-3200	Decal - Maintenance	54	20	1
79-6320	Cover - Air Cleaner	36	2	1	92-0900	Block - Short	31	1	1
79-6330	Housing - Air Cleaner	36	6	1	92-0901	Piston Pin & Retaining	31	54	2
79-6340	Support - Air Cleaner	36	14	1	92-0902	Piston Pin & Retaining	31	*	2
79-6350	Knob - Tool less	36	29	1	92-0903	Piston Pin & Retaining	31	*	2
79-6360	Bracket	40	13	1	92-0904	Piston Pin & Retaining	31	*	2
79-6390	Bracket - Governor Control	40	24	1	92-0905	Set - Piston Ring, Std.	31	57	2
79-6400	Bushing - Governor Control	40	29	1	92-0906	Set - Piston Ring .005 O.S.	31		2
79-6410	Link - Governor Control	40	33	1	92-0907	Set - Piston Ring .010 O.S.	31		2
79-6420	Adapter - Governor Arm	40	34	1	92-0908	Set - Piston Ring .020 O.S.	31		2
79-6440	Screen	33	21	1	92-0909	Set - Piston Ring .030 O.S.	31		2
79-6460	Bracket	34	11	1	92-0912	Elbow 45_	35	11	1
79-6470	Gasket	35	6	1	92-0913	Nut - Wing	36	33	1
79-6490	Gasket - Plate	43	29	1	92-0914	Cover - Element	36	32	1
79-6520	Spacer	36	23	1	92-0915	Screw	36	31	1
79-6580	Screw - Cap	44	4	2	92-0916	Screw	39	6	1
82-0020	Plate - Bearing	31	8	1	92-0917	Tube	36	25	1
82-0500	Adapter - Oil Filter	351		1	92-0918	Manifold - Intake	37	5	1
82-0530	Clamp	31	21	1	92-0919	Rod - Governor Control	37	13	1
82-0540	Tube - Baffle Breather	31	65	1	92-0920	Housing - Cylinder Air, L.H.	29	2	1
82-0550	Breather Cap & Valve	31	64	1	92-0921	Housing - Cylinder Air, R.H.	29	10	1
82-0560	Screen	31	66	2	92-0922	Arm - Governor Control	40	17	1
82-0570	Seal	31	23	1	92-0923	Hose - Fuel	41	19	1
82-0620	Guard - Stationary	29	13	1	92-1549	Loose Parts Package	54	*	1
82-0680	Gasket	35	9	1	92-4987	Steering Shaft Assembly	19	25	1
82-0780	Kit - Repair	38	2	1	92-7294	Plate - Shift Cover, Top	25	19	1
82-0850	Gasket - Carburetor Mtg.	38	3	1	92-7297	Transaxle	9	1	1
82-0930	Screw	29	14	2	92-7298	Case - Transaxle, RH	9	2	1
82-1000	Kit - Terminal	43	21	1	237-69	"O"Ring	19	41	1
82-1080	Clamp - Hose	41	16	6	281-10	Plug - NPT	5	17	1
82-1090	Clamp - Hose	37	19	1	281-10	Plug - Pipe	9	40	2
82-1120	Hose - Breather	37	17	1	302-5	Fitting - Grease	19	2	2
82-1130	Plug - Sq Hd	34	5	2	321-2	Bolt	28	19	3
82-1150	Key	33	23	1	321-3	Bolt	3	3	1
82-1310	Washer - Lock	34	3	4	321-3	Screw	11	3	1
82-1320	Washer	33	17	1	321-4	Bolt	49	6	2
82-1340	Cable - Spark Plug	43	34	1	321-4	Bolt	47	30	2
82-1340	Washer - Flat	43	35	2	321-4	Bolt	27	37	2
82-1340	Washer - Flat	31	48	2	321-4	Bolt	13	67	2
82-1350	Washer - Flat	37	4	4	321-6	Bolt	13	38	1
82-1360	Screw - Hex. Hd	43	38	1	321-8	Bolt	53	15	2
82-1370	Screw	40	27	1	321-9	Bolt	13	53	2
82-1400	Screw	33	20	4	321-10	Washer	11	8	1
82-1410	Screw	43	11	4	321-11	Bolt	11	27	2
82-1410	Screw - Hex. Hd.	37	7	2	322-1	Bolt	19	5	1
82-1410	Screw - Hex. Hd.	43	40	1	322-2	Bolt	41	6	3
82-1410	Washer - Flat	37	6	2	322-2	Bolt	13	73	1
82-1450	Screw	37	11	2	322-3	Bolt	5	12	2
82-1480	Screw	31	39	1	322-3	Bolt	27	15	2
82-1500	Screw - Hex. Hd.	43	23	3	322-3	Bolt	28	17	4
82-1510	Screw	35	5	2	322-3	Bolt	27	21	2
82-1540	Screw	29	19	1	322-3	Bolt	13	70	2
82-1550	Screw - Hex. Hd	36	7	.2	322-4	Bolt	53	20	6
82-1560	Screw	34	14	1	322-5	Bolt	5	4	1
82-1590	Screw	29	17	4	322-5	Bolt	17	11	1
82-1600	Screw	29	1	2	323-5	Bolt	2	4	4
82-1620	Washer - Lock	40	26	1	323-6	Bolt	3	2	3
82-1640	Washer - Spring	31	19	5	323-6	Bolt	19	13	2
82-1660	Washer - Lock	43	25	2	323-7	Bolt	52	16	1
82-1690	Nut - Flange	36	5	1	323-7	Bolt	9	34	1
82-1700	Nut - Speed	34	15	1	323-8	Bolt	13	27	1
83-2720	Bolt - Lug	51	5	10	323-9	Bolt	15	20	1
83-6520	Rod - Mid Hitch Lock	21	16	1	323-9	Bolt	19	20	2
86-9280	Tube - Hydraulic	11	15	1	323-9	Bolt	13	22	1
86-9290	Tube - Hydraulic (Return)	11	24	1	323-15	Bolt	9	36	2
87-1370	Bolt	31	49	2	323-23	Bolt	15	15	1
88-0020	Decal - Danger	23	3	1	323-25	Bolt	5	31	2
88-0020	Decal - Rear Hood Danger	54	6	1	323-25	Bolt	9	35	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3316-142

Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
323-26	Bolt	5	25	1	3269-3	Rivet - Pop	50	15	4
323-44	Bolt	21	19	6	3272-6	Pin - Cotter	15	24	2
3218-1	Nut	52	21	2	3272-10	Pin - Cotter	52	7	1
3218-3	Nut	51	10	4	3272-10	Pin - Cotter	52	12	2
3220-1	Nut	13	55	3	3272-11	Pin - Cotter	15	8	2
3229-25	Bolt - Carriage	23	23	4	3272-11	Pin - Cotter	11	16	1
3229-25	Bolt - Carriage	52	24	2	3272-17	Pin - Cotter	51	19	2
3231-25	Bolt - Carriage	2	2	3	3272-19	Pin - Cotter	19	18	1
3235-22	Bolt	15	16	1	3272-21	Pin - Cotter	19	42	1
3235-22	Bolt	27	39	1	3296-4	Nut	13	71	1
3243-5	Screw - Set	51	9	4	3296-23	Nut	5	7	1
3245-32	Screw - Set	15	4	1	3296-26	Washer	5	8	1
3246-2	Screw - Set	3	11	2	3296-29	Nut	11	5	1
3253-2	Washer - Lock	43	15	3	3296-29	Nut	50	5	1
3253-3	Washer - Lock	47	45	4	3296-29	Nut	53	7	6
3253-3	Washer - Lock	52	47	1	3296-29	Nut	27	10	7
3253-4	Washer	28	18	4	3296-29	Nut	17	13	1
3253-4	Washer - Lock	41	5	1	3296-29	Nut	27	30	2
3253-4	Washer - Lock	19	6	1	3296-29	Nut	13	72	1
3253-4	Washer - Lock	5	13	2	3296-39	Nut	2	3	3
3253-21	Washer - Lock	2	5	4	3296-39	Nut	15	9	1
3253-21	Washer - Lock	3	1	3	3296-39	Nut	5	11	4
3253-24	Washer - Lock	28	8	4	3296-39	Nut	52	19	1
3254-1	Washer - Lock	50	13	4	3296-39	Nut	15	21	1
3254-2	Washer - Lock	50	4	1	3296-39	Nut	17	23	1
3256-4	Washer	41	1	2	3296-39	Nut	9	37	3
3256-4	Washer	15	22	1	3296-39	Nut	13	58	2
3256-4	Washer	13	28	2	3296-39	Nut - Lock	19	14	4
3256-6	Washer	15	23	2	3296-42	Nut	11	9	1
3256-21	Washer	50	12	4	3296-42	Nut	53	17	2
3256-22	Washer	49	7	4	3296-42	Nut	23	27	4
3256-22	Washer	53	13	2	3296-42	Nut	11	29	2
3256-22	Washer	52	22	2	3296-42	Nut	27	38	1
3256-22	Washer	23	26	4	3296-42	Nut	13	66	2
3256-22	Washer	47	31	4	32120-47	Ring - Retaining	13	7	2
3256-22	Washer	13	54	2	32120-47	Ring - Retaining	17	16	1
3256-23	Washer	50	3	1	32120-47	Ring - Retaining	13	17	4
3256-23	Washer	17	12	1	32120-62	Ring - Snap	52	35	1
3256-23	Washer	27	16	2	32120-64	Ring - Retaining	5	20	1
3256-23	Washer	53	21	4	32120-72	Ring - Snap	52	34	2
3256-24	Washer	28	7	4	32120-93	Ring - Retaining	19	34	2
3256-24	Washer	15	10	2	32121-111	Pin - Spirol	19	31	1
3256-24	Washer	13	52	1	32136-5	Nut - Slotted	19	37	1
3256-26	Washer	17	22	1	32146-2	Nut	28	13	4
3256-26	Washer	21	23	1	32146-7	Nut	47	36	2
3256-26	Washer	13	50	1	32146-17	Nut	13	39	4
3256-27	Washer	52	48	1	32151-11	Ring - Grip	52	3	1
3256-30	Washer	17	3	3	32151-91	Retainer	17	5	1
3257-24	Key - Woodruff	5	30	1	32312-94	Pin - Spirol	13	65	1

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

## IDENTIFICATION AND ORDERING

### MODEL AND SERIAL NUMBERS

The 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 Product, 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.
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
Frame	2	Crankshaft, Camshaft, Flywheel	32
Drive Belt And Pulleys	3	Oil , Base Fill Tube and Bracket	34
Transaxle Hydrostatic System	4	Oil Filter	35
Hydraulic Pump And Motor	6	Gear Case & Ignition Controls	42
Transaxle	8	Air Cleaner	36
Hydrostatic System	10	Intake Manifold	37
Clutch, Brake Motion Control Linkage	12	Carburetor	38
Clutch, Brake and Speed Control Linkage	14	Choke Linkage	39
Hydrostatic Lift Linkage	16	Governor	40
Front Axle and Steering	18	Starter	43
Hitches	20	Fuel System	41
Hood Assembly	22	Electrical System	45-50
Hood Stand And Supports	24	Wheel And Tires	51
Fenders And Supports	26	P.T.O. Clutch And Control	52
Engine, Toro Power Plus And Exhaust	28	Seat	53
Blower Housing	29	Decals	54
Cylinder Block	30	Numerical Parts List	55-61

## Optional Equipment

Description	Model / Part No.	Description	Model / Part No.
36" Rear Discharge Deck	78305	Auxiliary Fuel Tank	83300
42" Side Discharge Deck	78345	Twin Bag Blower Vac	
42" Rear Discharge Deck	78350	(42" & 48" S.D. Mowers)	79301
42" Recycler	78355	Tire Tubes, Front	100079
48" Side Discharge Deck	78360	Tire Tubes, Rear	7007
36" Tiller	79370	Tire Cleated, Rear	7607
48" Dozer Blade	79350	Tube Cleated Tire	110677
50" Grader Blade	79351	Wheel Cleated Tire	100291
42" Single Stage Snowthrower	79360	Dual Wheel	80732
44" Two Stage Snowthrower	79361		
Wheel Weights, Rear	81115	Kits	
Wheel Weights, Front	81214	H.D. Spindles, Wheels & Tires	80494
Wheel Weights, Rear Flush	81117	Recycler (42' R.D. Mower)	86001
Tire Chains	82522	Leaf Baffle (42' S.D. Mower)	85501
Clevis Hitch	85512	Front Weight	81125
Front Mount Mower Carrier (42" & 48" S.D. Mowers)	0701MC		



