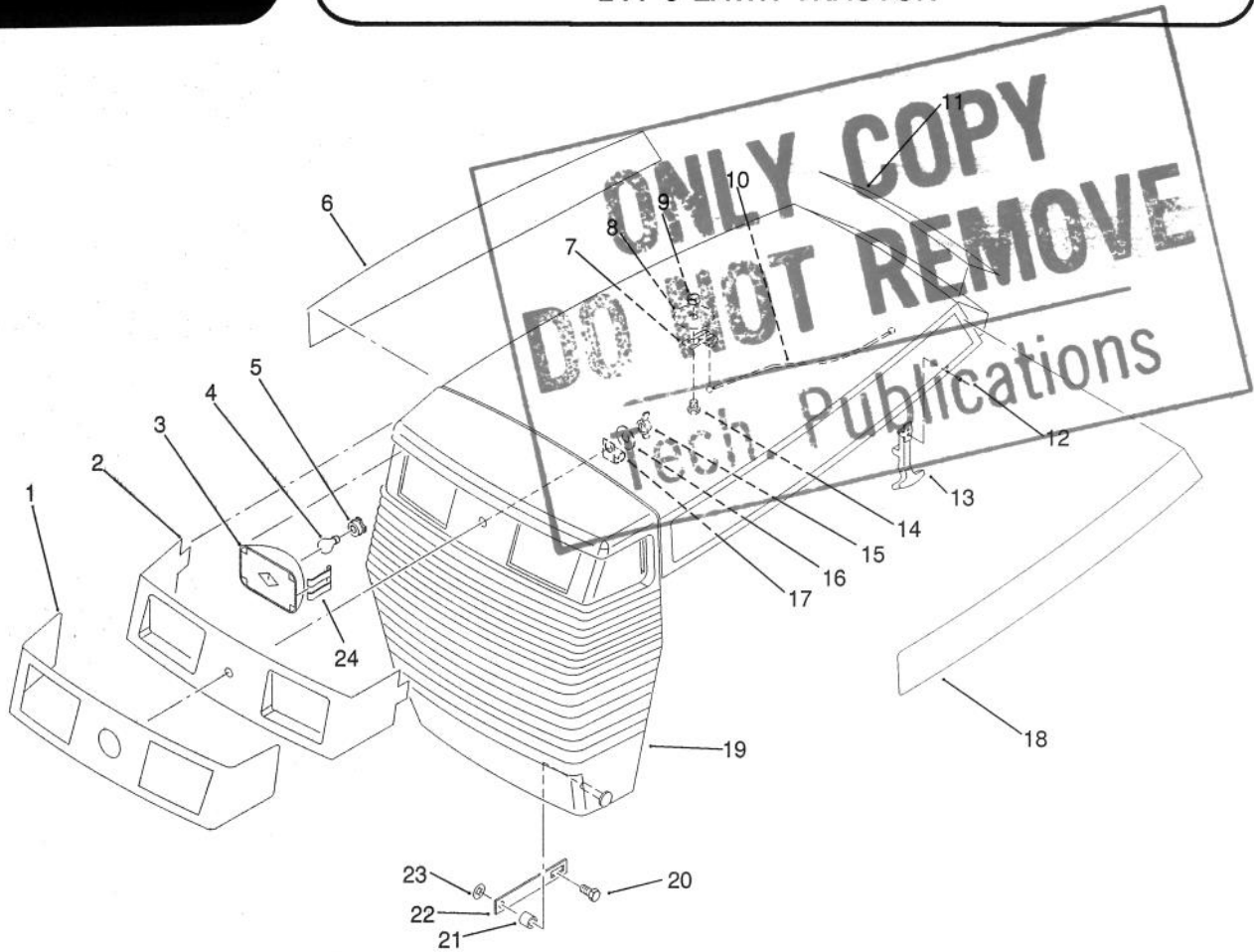




MODEL NO 22140501-10001 & UP	<b>PARTS CATALOG</b>
<b>WHEEL HORSE®</b> 244-5 LAWN TRACTOR	



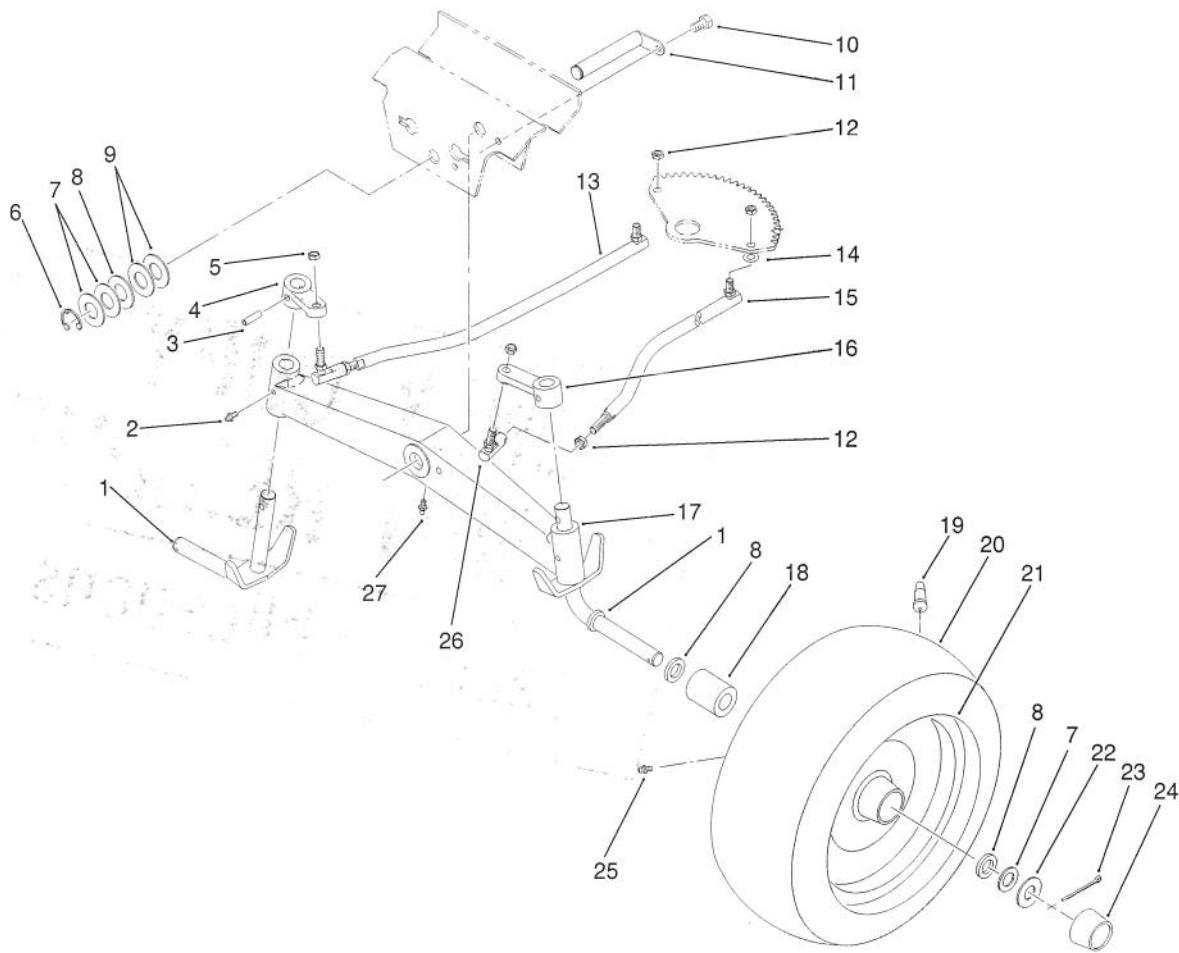
C-0824

## HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	116874	Decal - Hood, Front	1
2	116601	Bar - Light	1
3	111684	Pod - Light	2
4	7228	Bulb #1156	2
5	116262	Socket - Light	2
6	78-7500	Decal - Hood, RH	1
7	115413	Clevis	1
8	112925	Washer - Backing	1
9	9157404	Nut	1
10	78-9340	Assy. - Cable	1
11	116590	Decal - Hood, Rear	1
12	117432	Rivet - Pop	4
13	117343	Assy. Handle	2
14	9131114	Screw - HWH	1

Ref. No.	Part No.	Description	No. Used
15	MW8756	Nut - Wing	1
16	103995	Washer	1
17	111392	J-Clip	1
18	78-7510	Decal - Hood, LH	1
19	78-3110	Hood W.A.	1
20	9266944	Screw - Cap, Hex Hd.	2
21	105474	Bushing	2
22	111763	Strap	2
23	79-2590	Nut - Push On	2
24	111685	Retainer	4
*	115204	Harness - Wiring, Headlight	1
*	116591	Assy. Head Light (Incl. Ref. #2-5 & 24)	2

\*Not Illustrated



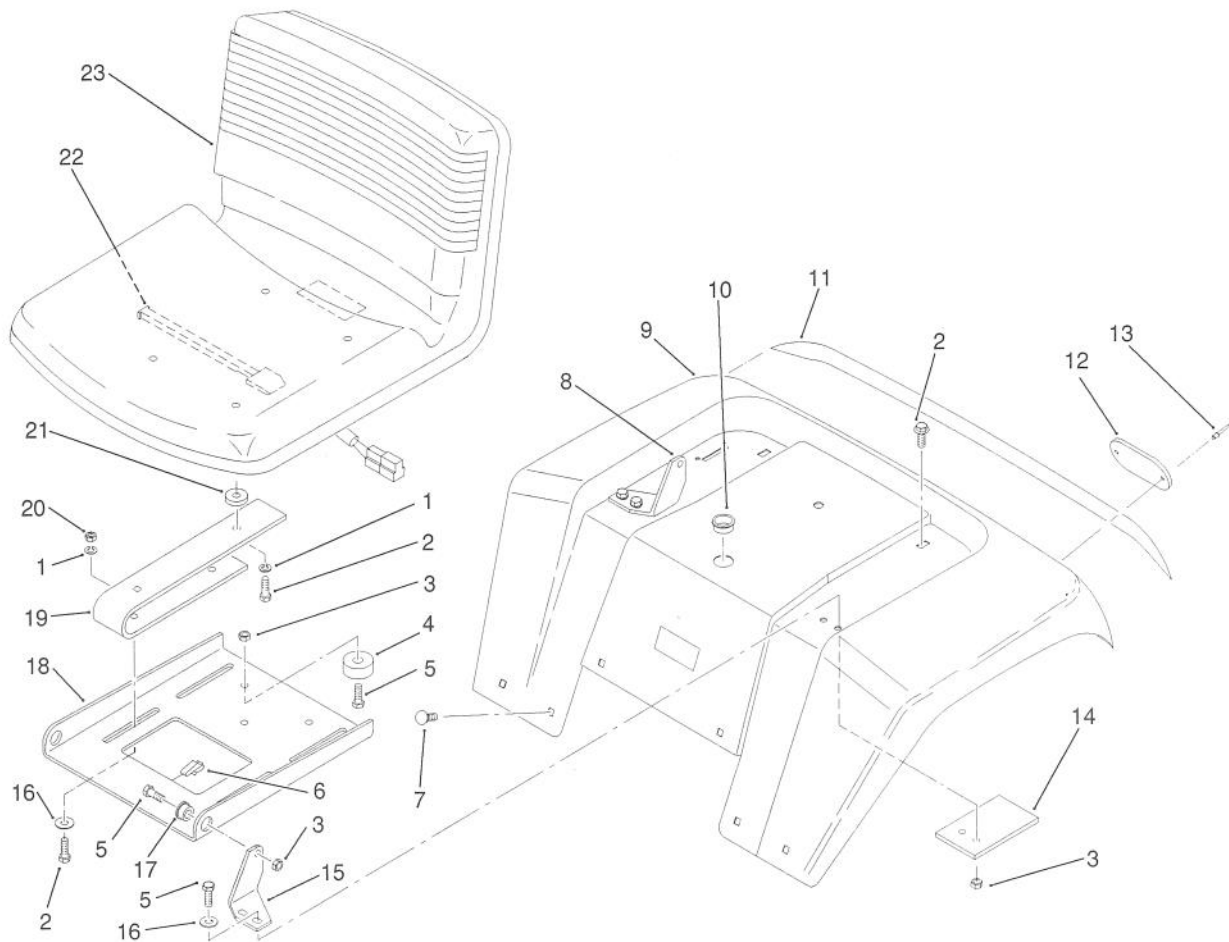
C-0825

## FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	78-2600	Spindle - W.A.	2
2	83-2750	Fitting - Grease	2
3	933270	Pin - Roll	2
4	78-1940	Arm - Spindle, R.H.	1
5	915085	Nut	1
6	5618	E-Ring	1
7	5210	Washer - Shim	A/R
8	1278	Washer	A/R
9	9202324	Washer	2
10	9267154	Screw - Cap Hex. Hd.	1
11	115484	Pin W.A. - Axle	1
12	9150026	Nut	2
13	78-5801	Assy. Ball Joint, R.H.	1
14	9200384	Washer	2
15	78-5811	Assy. Ball Joint, L.H.	1
16	78-1950	Arm - Spindle, L.H.	1
17	78-7960	Axle - Front	1
18	110513	Bearing - Wheel	2

Ref. No.	Part No.	Description	No. Used
19	5108	Valve - Tire, Tubeless	2
20	117127	Tire	2
21	78-1680	Rim - Wheel	2
22	111952	Washer - Wheel	2
23	9320264	Pin - Cotter	2
24	111951	Cap - Hub	2
25	109500	Fitting - Grease	2
26	78-2920	Ball Joint	2
27	1481	Fitting - Grease	1
*	78-8450	Assy. - Link, Steering R.H. (Incl. Ref. #5, 13 & 26)	1
*	78-8460	Assy. - Link, Steering L.H. (Incl. Ref. #5, 15 & 26)	1
*	78-1650	Assy. - Wheel/Tire (Incl. Ref. #18-21 & 25)	2
*	78-1660	Assy. - Wheel (Incl. Ref. #18, 19, 21 & 25)	2

\*Not Illustrated

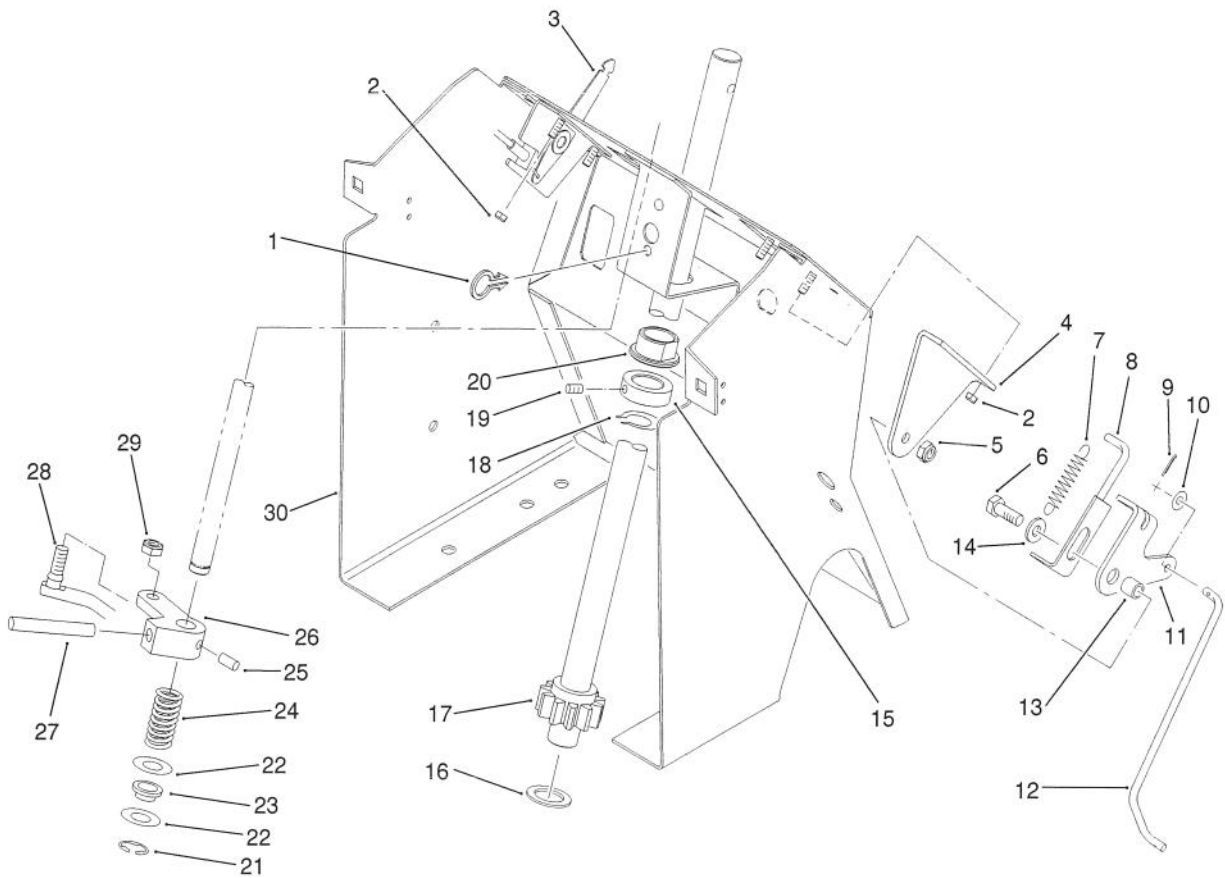


C-0826

## FENDER AND SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	9200824	Washer - Lock	8
2	9080184	Screw - Cap, Hex. Hd.	10
3	9156624	Nut	8
4	108889	Bumper	2
5	9080194	Screw - Cap, Hex. Hd.	8
6	111392	J-Clip	2
7	9002149	Bolt - Carriage	4
8	112744	Bracket - Pivot, R.H.	1
9	79-0050	Fender	1
10	938031	Bushing - Nylon	1
11	117760	Decal - Fender	1
12	108547	Reflector	2

Ref. No.	Part No.	Description	No. Used
13	109193	Rivet - Pop	4
14	112961	Plate	2
15	112745	Bracket - Pivot, L.H.	1
16	9200084	Washer	6
17	105503	Bushing	2
18	113852	Plate - Pivot, Seat	1
19	112837	Spring - Seat	2
20	9151124	Nut	4
21	109989	Spacer - Nylon	4
22	38-1420	Switch - Seat	1
23	78-9160	Seat	1

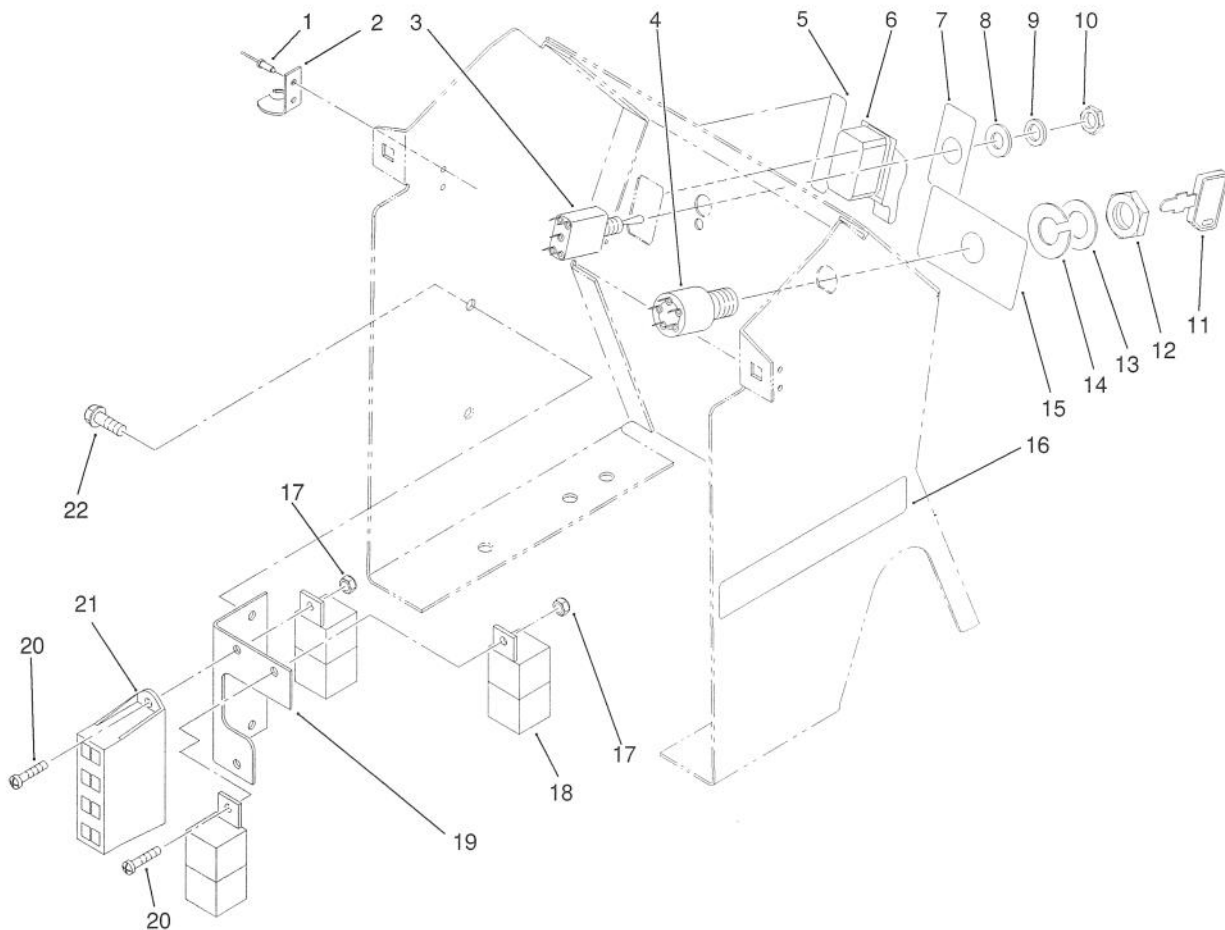


C-0827

## STEERING SHAFT AND INDICATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115858	Clip - Snap On	1
2	9157404	Nut	3
3	78-8790	Control - Throttle	1
4	78-7911	Support - Indicator	1
5	9156614	Nut	1
6	9080034	Screw - Cap Hex Hd	1
7	78-9750	Spring - Extension	1
8	79-1070	Indicator W.A.	1
9	9320004	Pin - Cotter	1
10	9200054	Washer	1
11	78-7901	Retainer - Indicator	1
12	78-2100	Rod - Indicator	1
13	78-9481	Spacer	1
14	9200074	Washer	1
15	109189	Bearing	1

Ref. No.	Part No.	Description	No. Used
16	1278	Washer	1
17	78-8130	Shaft - Steering	1
18	111646	Grip Ring	1
19	909848	Screw - Set	1
20	111383	Collar	1
21	936117	Ring - Retaining	1
22	3765	Washer - Shim	2
23	5666	Bushing - Nyliner	1
24	78-8730	Spring - Compression	1
25	933275	Pin - Roll	1
26	78-6201	Arm	1
27	933233	Pin - Roll	1
28	78-7220	Assy., Rod, Control	1
29	9156624	Nut	1
30	78-2391	Hood Stand W.A.	1

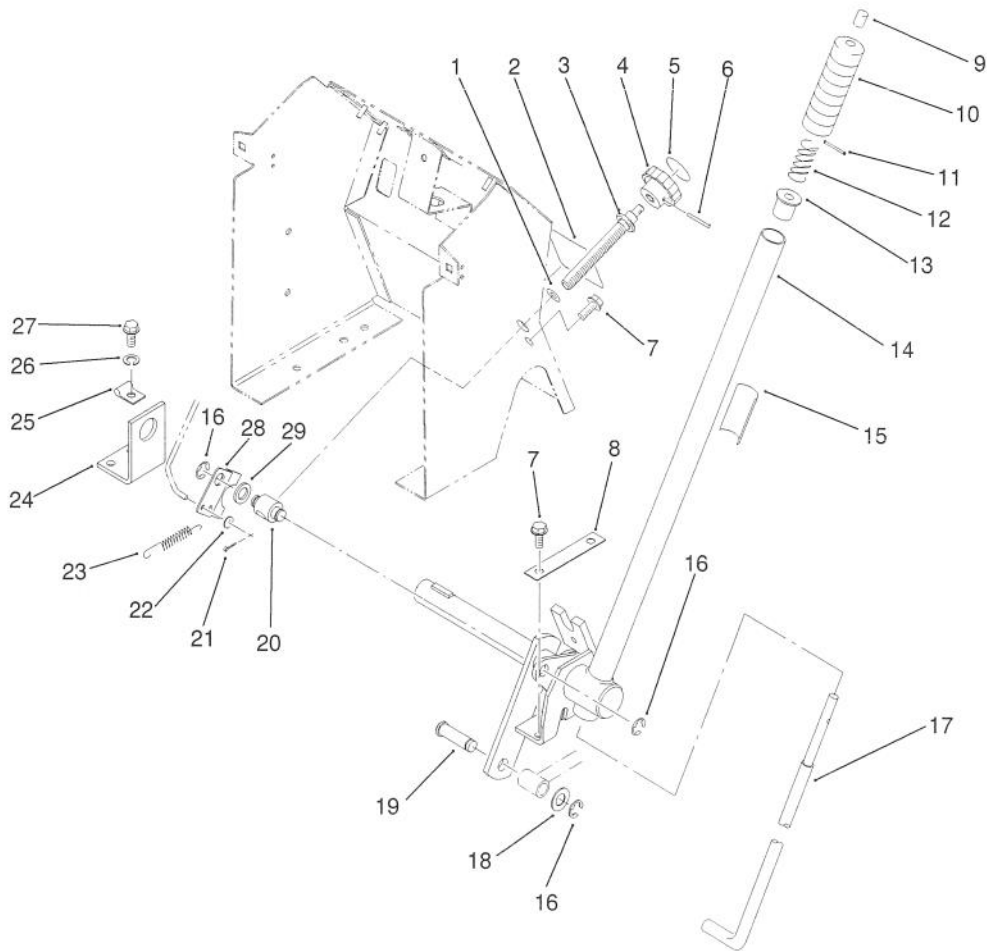


C-0828

## DASH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	117431	Rivet - Pop	2
2	117343	Keeper - Latch	1
3	102138	Switch - Lights	1
4	116338	Switch - Ignition, Assembly (Incl. Ref #4 & 11-14)	1
5	78-8440	Decal PTO	1
6	78-3030	PTO Switch & Handle	1
7	78-8490	Decal	1
8	102250	Washer	1
9	9202594	Washer	1
10	113179	Nut - Face	1
11	116738	Key	1

Ref. No.	Part No.	Description	No. Used
12	101884	Nut	1
13	9202624	Washer	1
14	9201604	Washer - Lock	2
15	78-8480	Decal - Ignition	1
16	117512	Decal - 5 Speed	1
17	9157404	Nut	3
18	116397	Relay	3
19	78-2250A	Bracket - Holder, Fuse	1
20	9107964	Pan Head Screw	3
21	120930	Holder - Fuse	1
22	79-1590	Screw - Hex. Washer Hd.	2

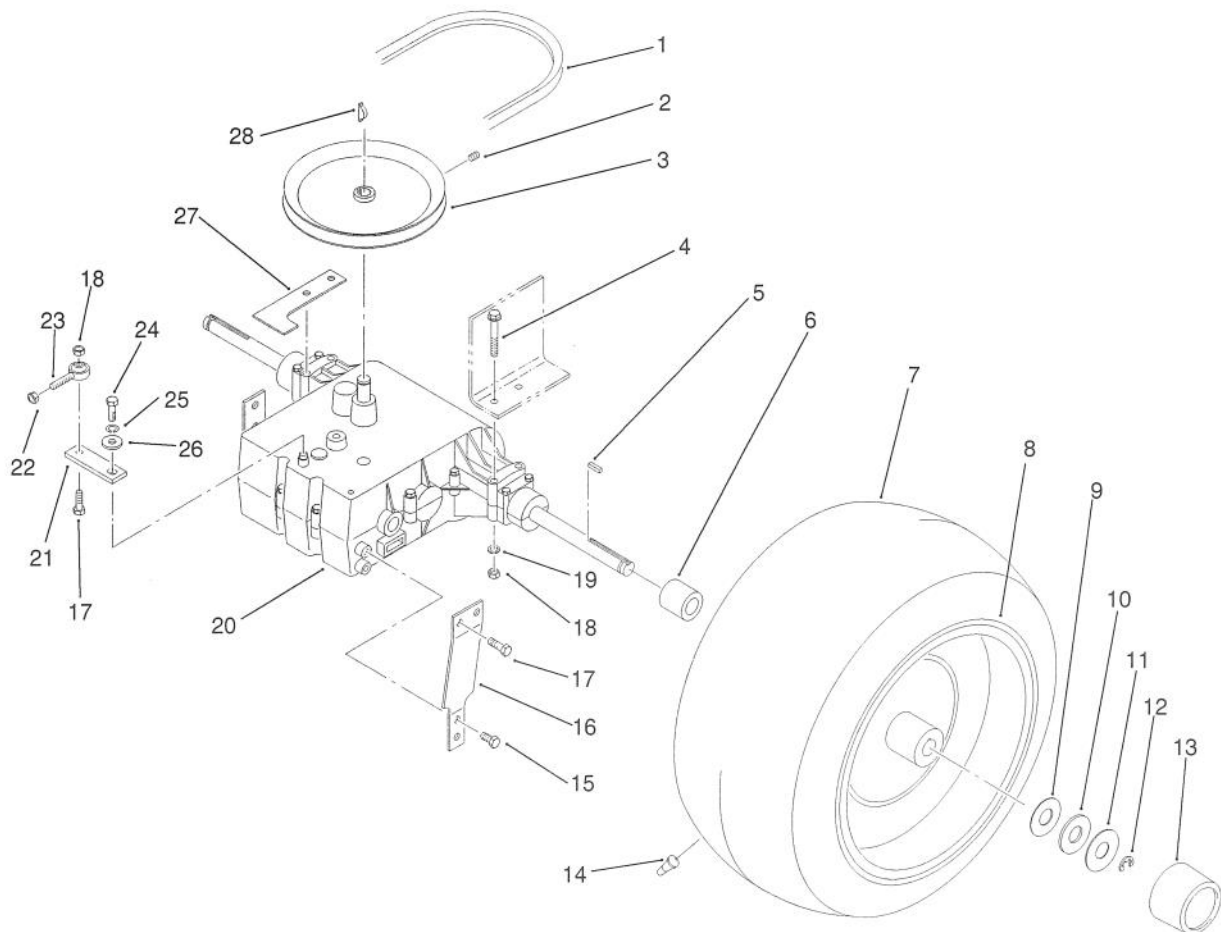


C-0829

## LIFT BAR LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	9202594	Washer	1
2	78-8520	Decal	1
3	78-2151	Rod	1
4	115593	Knob	1
5	78-9740	Decal - H.O.C. Knob	1
6	933140	Pin - Roll	1
7	9267204	Screw - Hex. Washer Hd.	3
8	78-6810	Plate	1
9	105316	Cap - Rod, Plunger	1
10	6542	Grip - Handle	1
11	933148	Pin - Roll	1
12	3624	Spring - Compression	1
13	8130	Retainer - Spring	1
14	78-2090	Handle W.A.	1
15	112168	Decal - Lift	1

Ref. No.	Part No.	Description	No. Used
16	5701	E-Ring	3
17	106257	Rod - Latch, Lift	1
18	9200114	Washer	1
19	78-7911	Pin	1
20	78-2140	Trunnion	1
21	9320004	Pin - Cotter	1
22	9200054	Washer	1
23	116792	Spring	1
24	78-1310	Bracket	1
25	100729	Clip	1
26	9201234	Washer - Lock	1
27	9267204	Screw - Cap, Hex. Hd.	2
28	78-3180	Plate	1
29	9202634	Washer	1



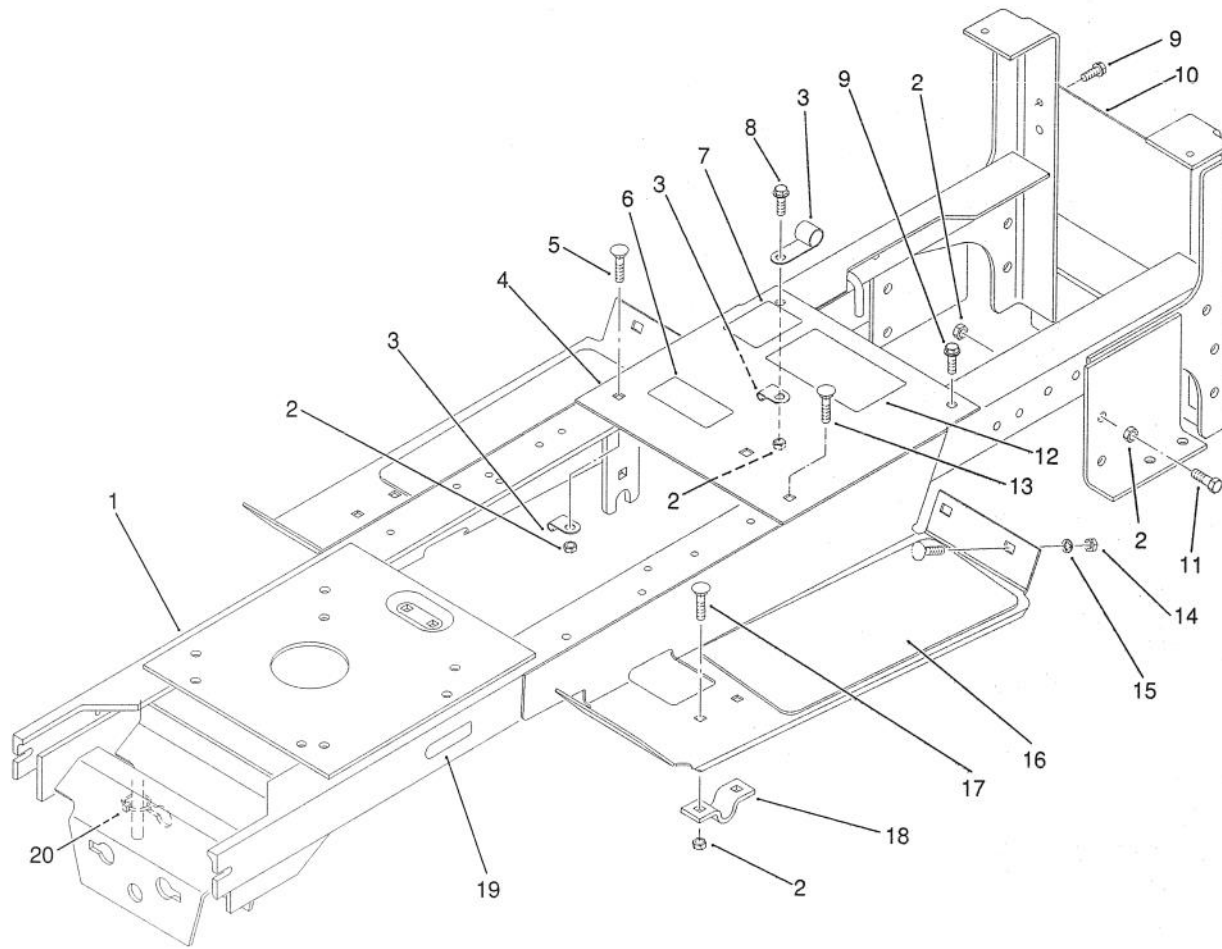
C-0830

## REAR WHEEL AND TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111435	V-Belt	1
2	909543	Screw - Set	2
3	78-6650	Pulley - Trans.	1
4	9080264	Screw - Hex. Washer Hd.	4
5	1120	Key - Square	2
6	110387	Spacer - Axle	1
7	78-1260	Tire	2
8	110877	Rim	2
9	1278	Washer	2
10	5210	Washer - Shim	2
11	109114	Washer - Wheel	2
12	104636	E-Ring	2
13	109154	Cap - Hub	2
14	5108	Valve - Tire, Tubeless	2
15	9267204	Screw - Cap, Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
16	78-1800	Strap	2
17	9080194	Screw - Cap, Hex. Hd.	5
18	9156624	Nut	5
19	9200084	Washer	4
20	78-6880	Assy. Transmission	1
21	78-7201	Arm - Transmission	1
22	9150844	Nut	1
23	115575	Ball End	1
24	9081536	Screw - Hex. Hd.	1
25	9200814	Washer - Lock	1
26	104869	Washer	1
27	78-7673	Stop - Brake	1
28	937225	Key, Hi-Pro	1
*	78-1250	Wheel & Tire Assy. (Incl. Ref. #7, 8 & 14)	2

\*Not Illustrated

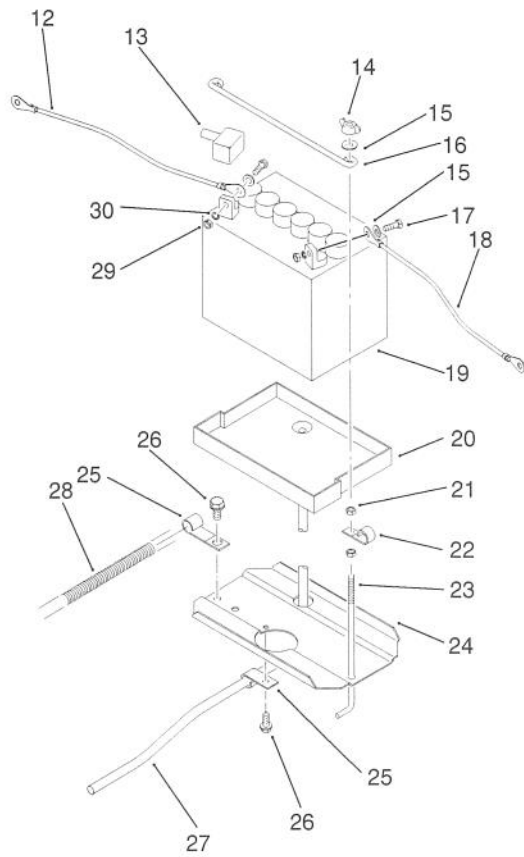
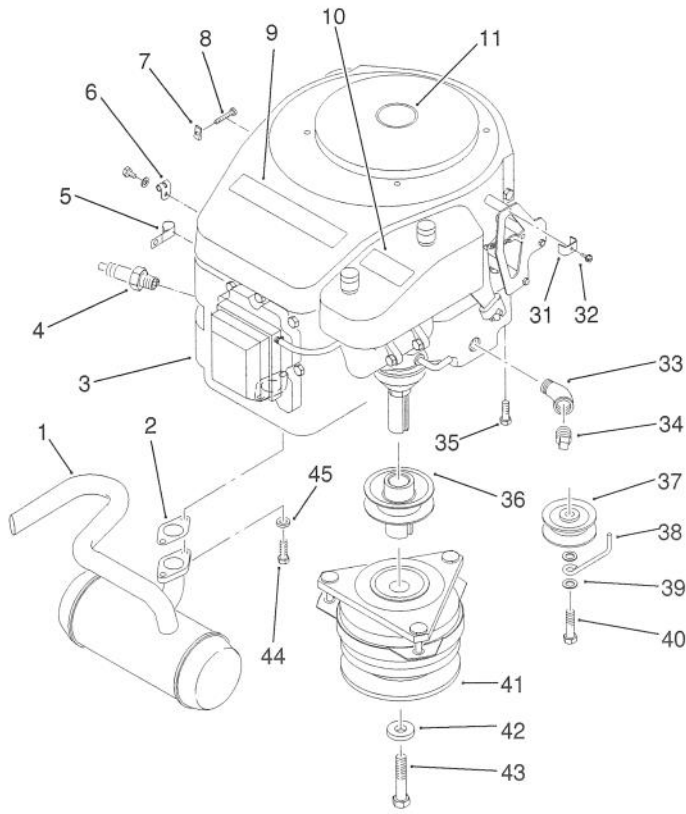


C-0831

## MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	78-7292	Frame	1
2	9156624	Nut	10
3	100729	Clip	3
4	78-1130	Panel	1
5	9000389	Bolt - Carriage	1
6	78-8470	Decal - Danger	1
7	79-0120	Decal - Parking	1
8	9266974	Screw - Hex. Washer Hd.	1
9	9266944	Screw - Cap, Hex. Hd.	3
10	79-0681	Panel - Rear	1

Ref. No.	Part No.	Description	No. Used
11	9080214	Screw - Cap, Hex. Hd.	1
12	112670	Decal - Danger	1
13	9002159	Bolt - Carriage	1
14	9151124	Nut	4
15	9201554	Washer - Lock	4
16	110636	Pad - Footrest	2
17	900379	Bolt - Carriage	1
18	106288	Clamp - Shaft	2
19	115197	Decal - Attach-A-Matic	2
20	100571	Cable Tie	1

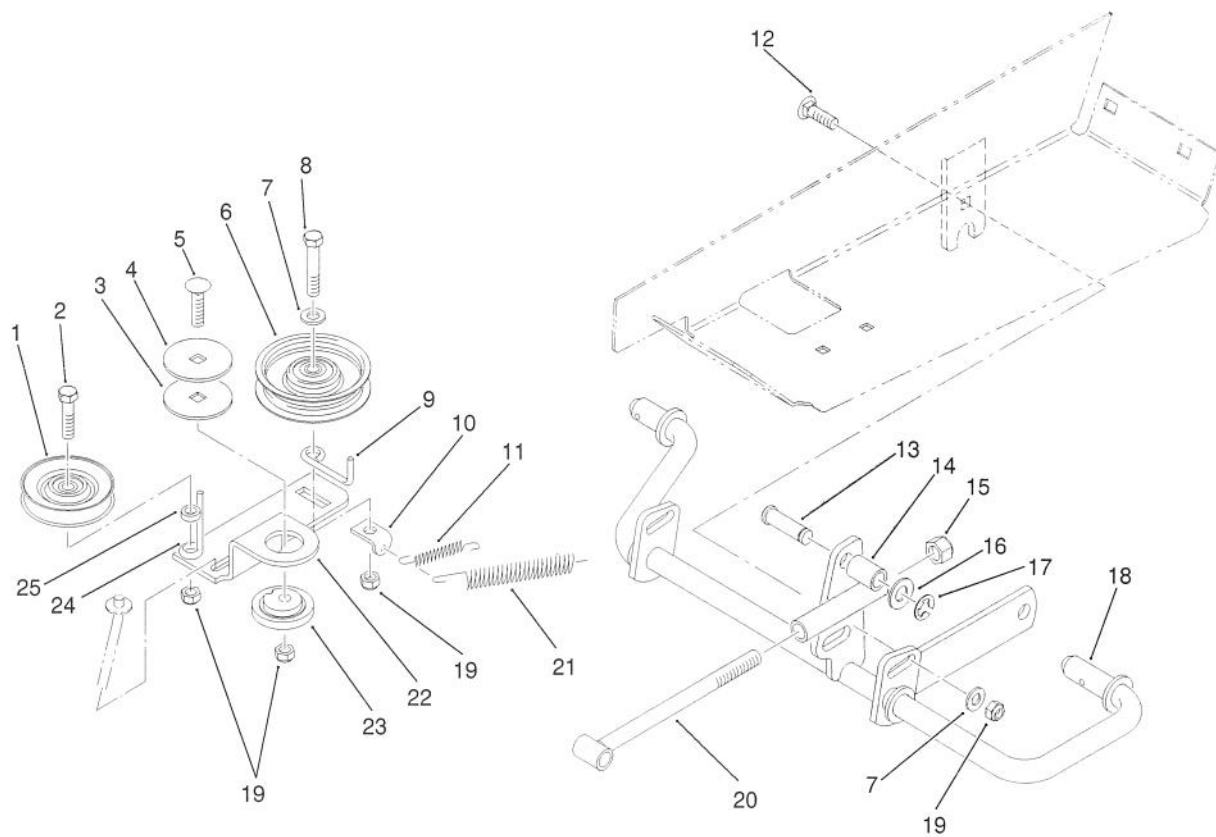


C-0832

## ENGINE AND BATTERY MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	78-2930	Muffler	1
2	117184	Gasket - Exhaust	1
3	78-7110	Engine E140V	1
4	NN10728	Plug - Spark	1
5		Clip	1
6	115413	Clevis	1
7	111392	J-Clip	1
8	113114	Screw	1
9	118600	Decal - Power PWC	1
10	78-8740	Decal - 14.0	1
11	120040	Decal - Toro	1
12	111076	Wire - Positive	1
13	109553	Boot - Battery	1
14	116497	Nut - Wings	2
15	9200074	Washer	4
16	117316	Rod - Hold Down	1
17	9080034	Screw - Cap, Hex. Hd.	2
18	112757	Wire - Negative	1
19	104962	Battery	1
20	106948	Tray	1
21	915114	Nut	2
22	105490	Clip	1
23	109547	Hook - Battery	1

Ref. No.	Part No.	Description	No. Used
24	78-6820	Tray	1
25	111392	J-Clip	1
26	9266944	Screw - Hex. Wash.Hd.	1
27	114721	Tube - Drain, Battery	1
28	78-7230	Wire Harness	1
29	9151114	Nut	2
30	9200814	Washer - Lock	2
31	11688	Clamp	1
32	9265664	Screw	1
33	9430832	Elbow - Street	1
34	NN10682	Plug	1
35	9266964	Screw - Cap, Hex Hd	4
36	78-6641	Pulley, Eng.	1
37	110370	Pulley, Idler	1
38	79-1790	Guide, Belt	1
39	9200094	Washer	2
40	9080376	Screw - Cap, Hex. Hd	1
41	78-6990	Clutch	1
42	112843	Washer	1
43	115203	Screw - Cap, Hex. Hd.	1
44	113113	Screw - Cap, Hex. Hd.	2
45	9200824	Washer - Lock	2

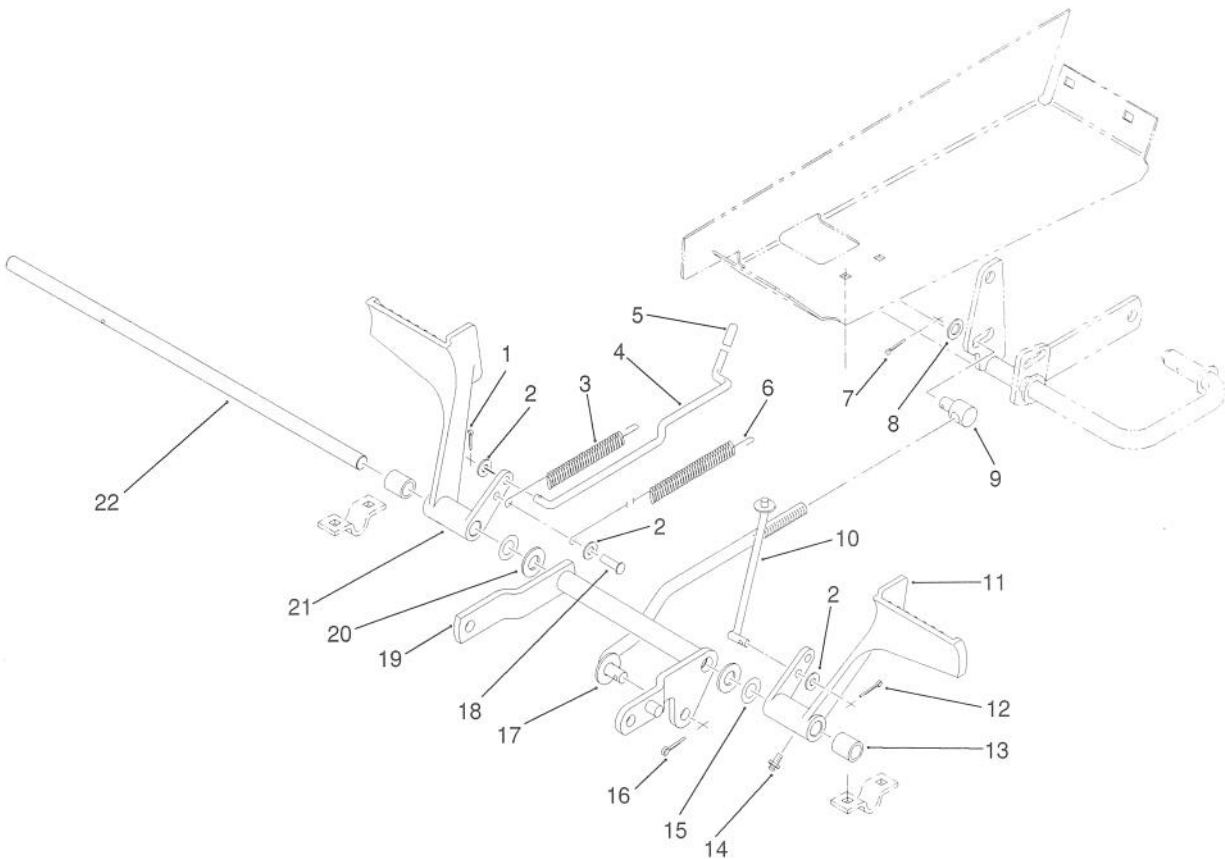


C-0833

## IDLER AND PEDAL SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	1623	Pulley - Idler	1
2	9080364	Screw - Cap, Hex. Hd.	1
3	111419	Washer - Bearing	1
4	78-7120	Washer	1
5	9000659	Bolt - Carriage	1
6	112425	Pulley - Idler, Flat	1
7	9200094	Washer - Flat	3
8	9080384	Screw - Cap, Hex. Hd.	1
9	79-0390	Guide - Belt	1
10	2534	Clip - Spring	1
11	111466	Spring	1
12	9000649	Bolt - Carriage	2
13	79-1250	Pin - Clevis	1

Ref. No.	Part No.	Description	No. Used
14	78-7390	Link - W.A.	1
15	9156654	Nut	1
16	9200114	Washer - Flat	1
17	5701	E-Ring	1
18	78-2321	Shaft - W.A.	1
19	9156634	Nut	5
20	78-7360	Rod - W.A.	1
21	107788	Spring - Extension	1
22	78-6771	Arm - Idler	1
23	111418	Bushing	1
24	79-0400	Guide - Belt	1
25	104525	Spacer	1

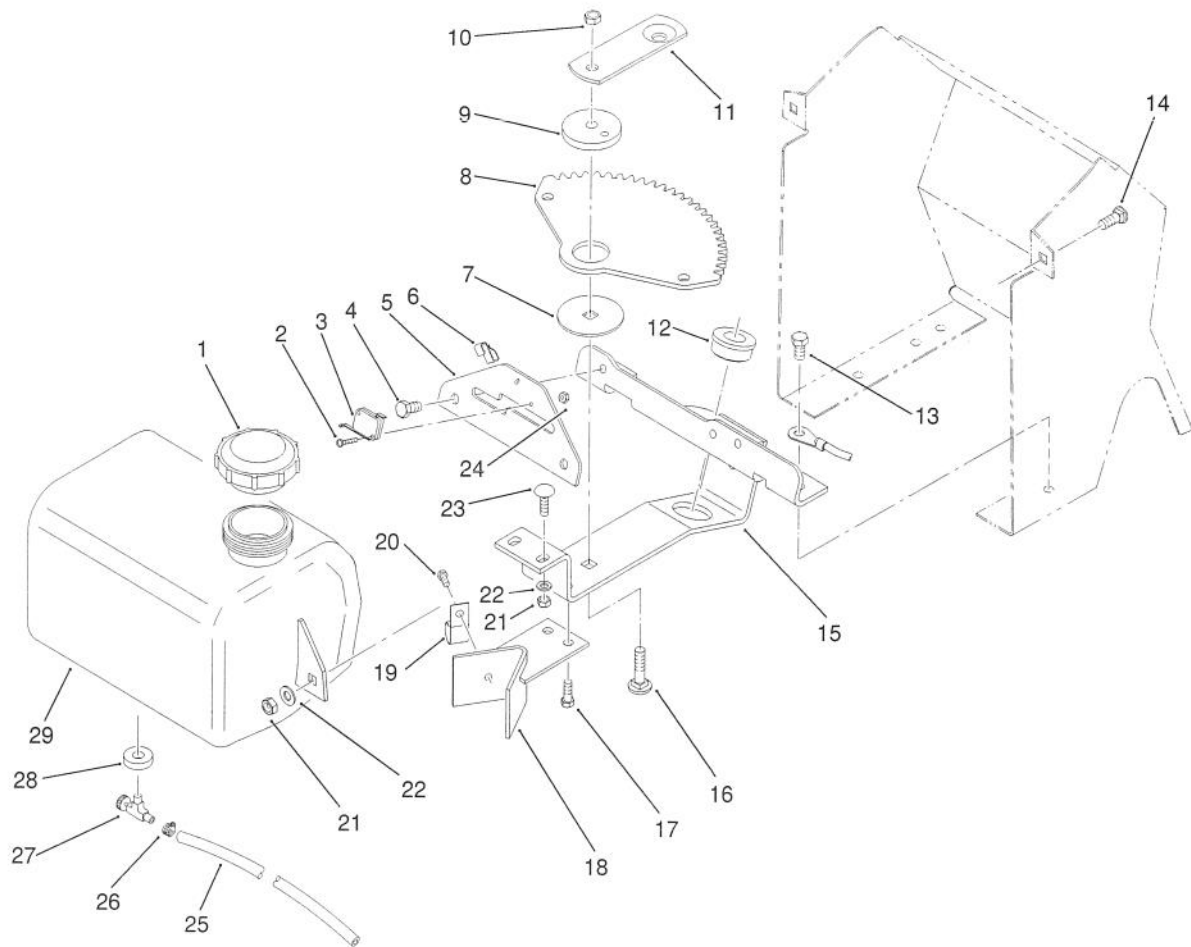


C-0843

## BRAKE AND CLUTCH PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	9320084	Pin - Cotter	2
2	9200084	Washer - Flat	4
3	78-9200	Spring - Brake	1
4	78-6120	Rod - Brake, Parking	1
5	111439	Grip - Rod	1
6	116782	Spring	1
7	9320084	Pin - Cotter	1
8	9200114	Washer - Flat	1
9	8870	Trunnion	1
10	78-9730	Rod - W.A., Clutch	1
11	78-8180	Pedal - Clutch	1

Ref. No.	Part No.	Description	No. Used
12	9320084	Pin - Cotter	2
13	110015	Spacer	2
14	83-2750	Fitting - Grease	2
15	111712	Washer - Wave	2
16	9320344	Pin - Cotter	1
17	78-2430	Rod - W.A.	1
18	9329575	Pin - Clevis	1
19	78-2111	Arm - W.A.	1
20	9202154	Washer - Flat	2
21	117234	Pedal - Brake	1
22	78-6830	Shaft - Pedal	1



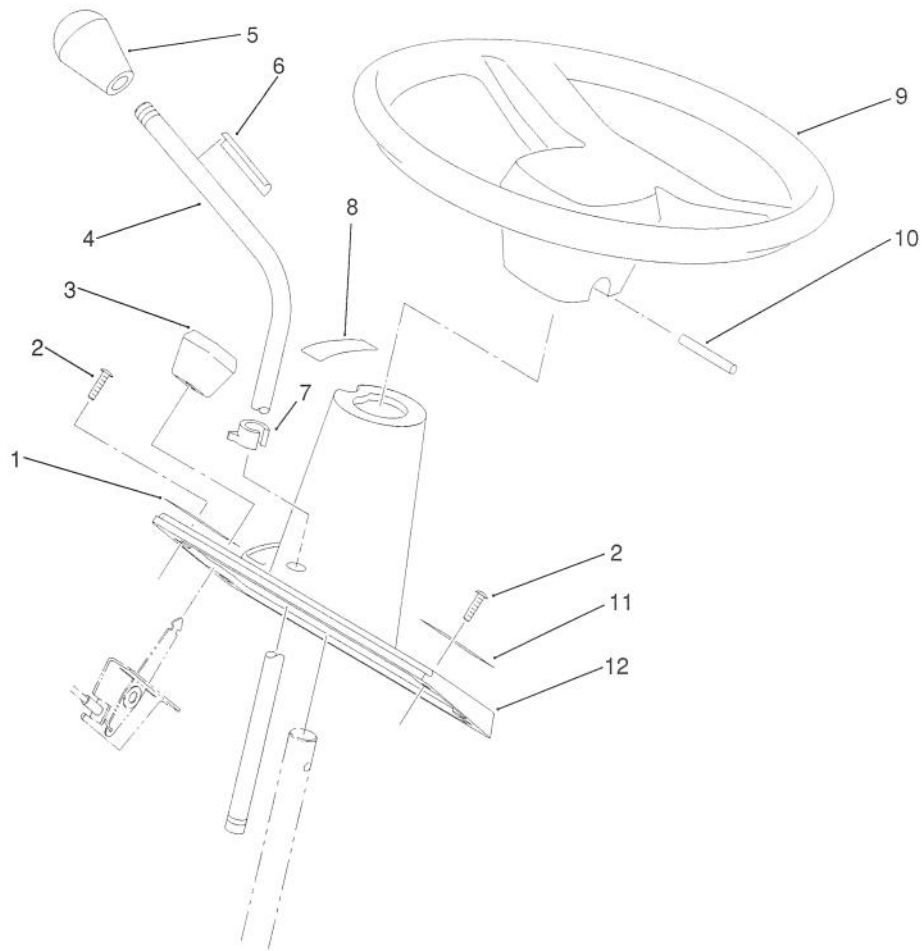
C-0836

## FUEL TANK AND STEERING BRACKET ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111424	Cap - Gas	1
2	9109484	Screw	2
3	115230	Switch - Clutch	1
4	9266944	Screw	2
5	78-8165	Plate	1
6	111392	J-Clip	1
7	111419	Washer - Bearing	1
8	78-2610	Sector - Gear	1
9	111418	Bushing	1
10	108886	Nut	1
11	78-9190	Plate	1
12	110391	Bearing - Wheel	1
13	9266944	Screw	2
14	9000379	Bolt - Carriage	2
15	78-1192	Bracket - Steering	1
16	9002359	Bolt - Carriage	1

Ref. No.	Part No.	Description	No. Used
17	9267204	Screw	2
18	78-2490	Stop - W.A.	1
19	8830	Clip	1
20	9267204	Screw - Hex. Washer Hd.	1
21	9156624	Nut	4
22	9200084	Washer	4
23	9062159	Bolt - Carriage	2
24	9157324	Nut	2
25	117225	Hose - Fuel Line	1
26	108898	Clamp - Hose	2
27	104048	Valve - Fuel	1
28	104047	Bushing	1
29	111473	Tank - Fuel	1
*	112153	Assy. - Tank, Fuel (Incl. Ref. #27-29)	1

\*Not Illustrated

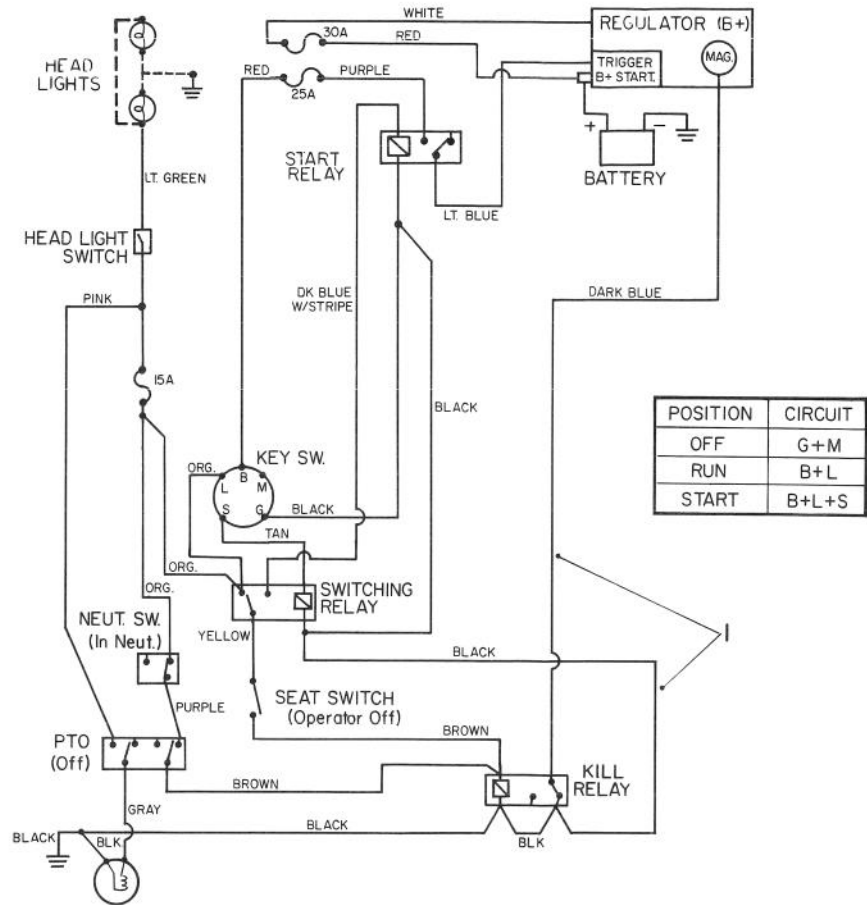


C-0858

## STEERING WHEEL AND CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	78-7930	Decal - Throttle	1
2	78-8710	Screw - Pan Head	3
3	116454	Knob	1
4	78-6143	Rod - Lever	1
5	112983	Knob	1
6	79-0930	Decal - Control, Motion	1

Ref. No.	Part No.	Description	No. Used
7	113025	Pointer	1
8	78-7941	Decal - 5 Speed, Motion	1
9	78-3100	Wheel - Steering	1
10	933221	Pin - Roll	1
11	78-8370	Decal - Height of Cut	1
12	78-5980	Console	1

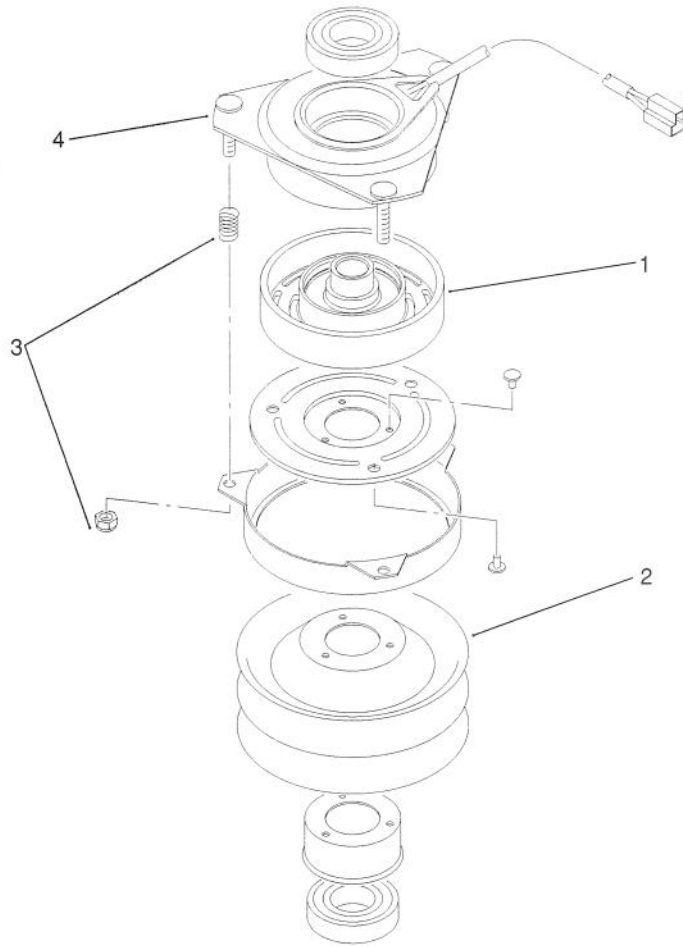


C-0863

## ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	78-7230	Wire Harness	1

Ref. No.	Part No.	Description	No. Used

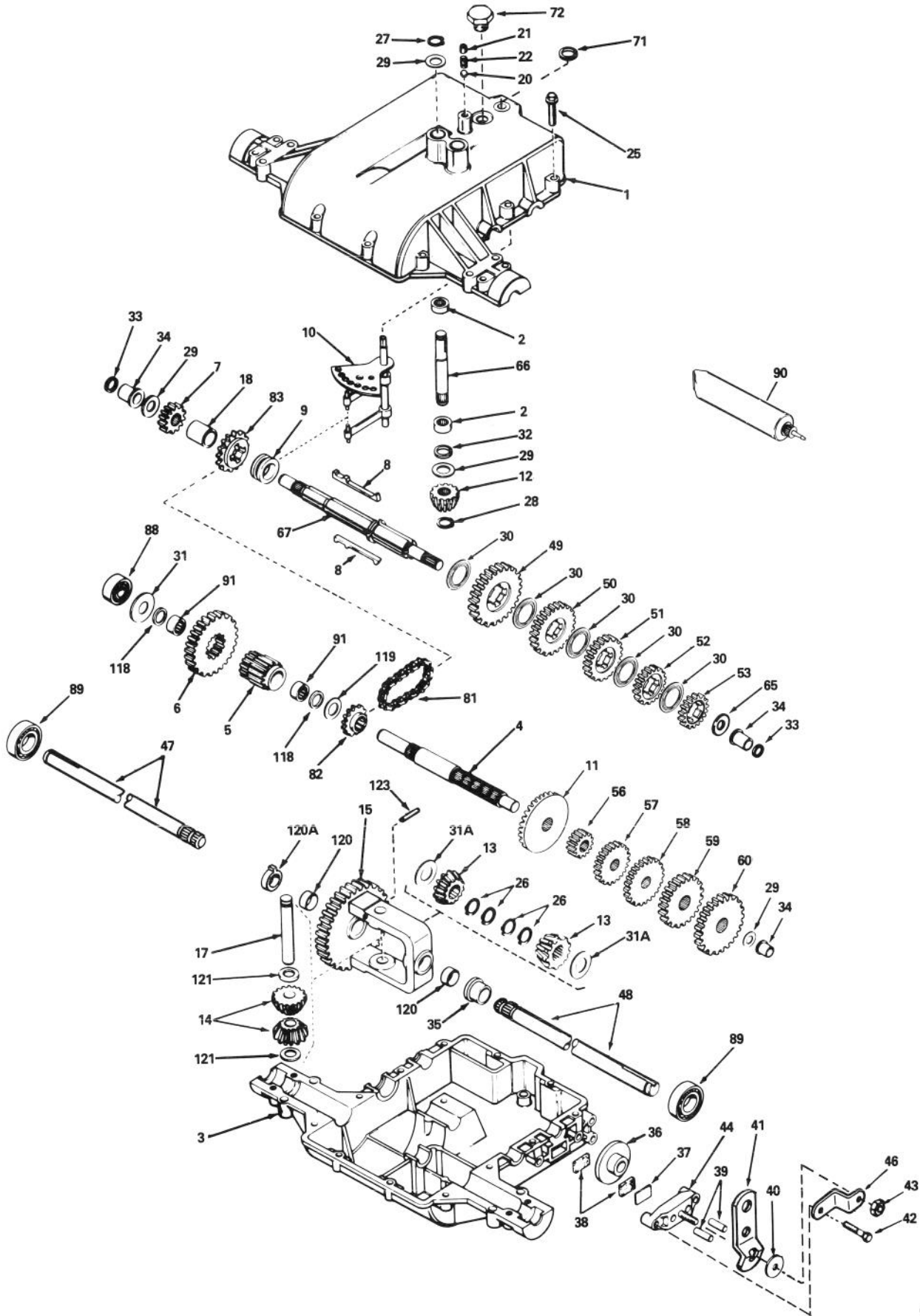


C-0842

## CLUTCH ASSEMBLY 78-6990

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	5210-101-012	Assembly - Rotor	1	3	5215-101-001	Accessories - Nuts & Springs	3
2	5215-101-028	Assembly - Armature	1	4	5215-101-004	Assembly - Field	1

# TRANSAXLE PEERLESS MODEL NO. 801-062



C-0845

# FULL PAGE PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	772082	Cover, Transaxle	1
2	780122	Bearing, Needle	2
3	770071A	Case, Transaxle	1
4	776204	Shaft, Counter	1
5	778138	Pinion, Output	1
6	778139	Gear, Output	1
7	778136	Gear, Spur (15 teeth)	1
8	792089A	Key	4
9	784266	Collar, Shift	1
10	784290	Rod & Fork Assy., Shift	1
11	778154	Gear, Bevel (42 teeth)	1
12	778153	Bevel Pinion, Input	1
13	778221	Gear, Bevel	2
14	778068	Pinion, Bevel	2
15	778175	Gear Assy., Differential (Incl. 2 of No. 120)	1
17	786034	Pin, Drive	1
18	786074	Spacer	1
20	792077	Ball, Steel	1
21	792078	Screw, Set, 3/8-16 x 3/8	1
22	792079	Spring	1
25	792073	Screw, Fl. Hex. Hd. Thread Forming, 1/4-20 x 1-1/4	17
26	792125	Ring, Retaining (Pkg. of 2)	4
27	792035	Ring, Retaining	1
28	788040	Ring, Retaining	1
29	780072	Washer, Thrust	4
30	780108	Washer, Thrust	5
31	780113	Washer, Flat	1
31A	780001	Washer, Thrust	2
32	788057	Seal, Square cut	1
33	788051	Seal, Square cut	2
34	780105A	Bushing, Flanged	3
35	780118A	Bushing, Flanged	1
36	790003	Disk, Brake	1
37	790007	Plate, Brake pad	1
38	790006	Pad, Brake	2
39	786026	Pin, Dowel	2
40	792076	Washer, Flat	1
41	790013	Lever, Brake	1

Ref. No.	Part No.	Description	No. Used
42	792073	Screw, Fl. Hex. Hd. Thread Forming, 1/4-20 x 1-1/4	2
43	792075	Locknut, 5/16-24	1
44	790025	Holder, Brake pad	1
46	786086	Bracket, Brake Lever	1
47	774658	Axle (13-1/4" Long) (Incl. No. 26)	1
48	774657	Axle (15-1/8" Long) (Incl. No. 26)	1
49	778146A	Gear, Spur (37 teeth)	1
50	778124A	Gear, Spur (30 teeth)	1
51	778123A	Gear, Spur (25 teeth)	1
52	778122A	Gear, Spur (22 teeth)	1
53	778121A	Gear, Spur (20 teeth)	1
56	778145	Gear, Spur (12 teeth)	1
57	778126A	Gear, Spur (20 teeth)	1
58	778127A	Gear, Spur (25 teeth)	1
59	778128A	Gear, Spur (28 teeth)	1
60	778129A	Gear, Spur (30 teeth)	1
65	780109	Washer, Thrust	1
66	776135	Shaft, Input	1
67	776184A	Shaft, Brake	1
71	788069	Seal, Square cut	1
72	792074	Plug, Hex. Hd. 9/16-18 Thd.	1
81	786062A	Chain, Roller (No. 41 chain, 22 Links)	1
82	786061	Sprocket (10 teeth)	1
83	786060	Sprocket (14 teeth)	1
88	780121	Bearing, Ball	1
89	780119	Bearing, Ball	2
90	788067B	Grease (32 oz. bottle Bentonite grease)	1
91	780112	Bearing, Needle	2
118	788053	Seal, Square cut	2
119	780114	Washer, Flat	1
120	780064	Bushing	2
120A	780120	Bushing	1
121	780065	Washer, Thrust	2
123	792040	Pin, Roll	1

# 14HP ENGINE CYLINDER BLOCK ASSEMBLY

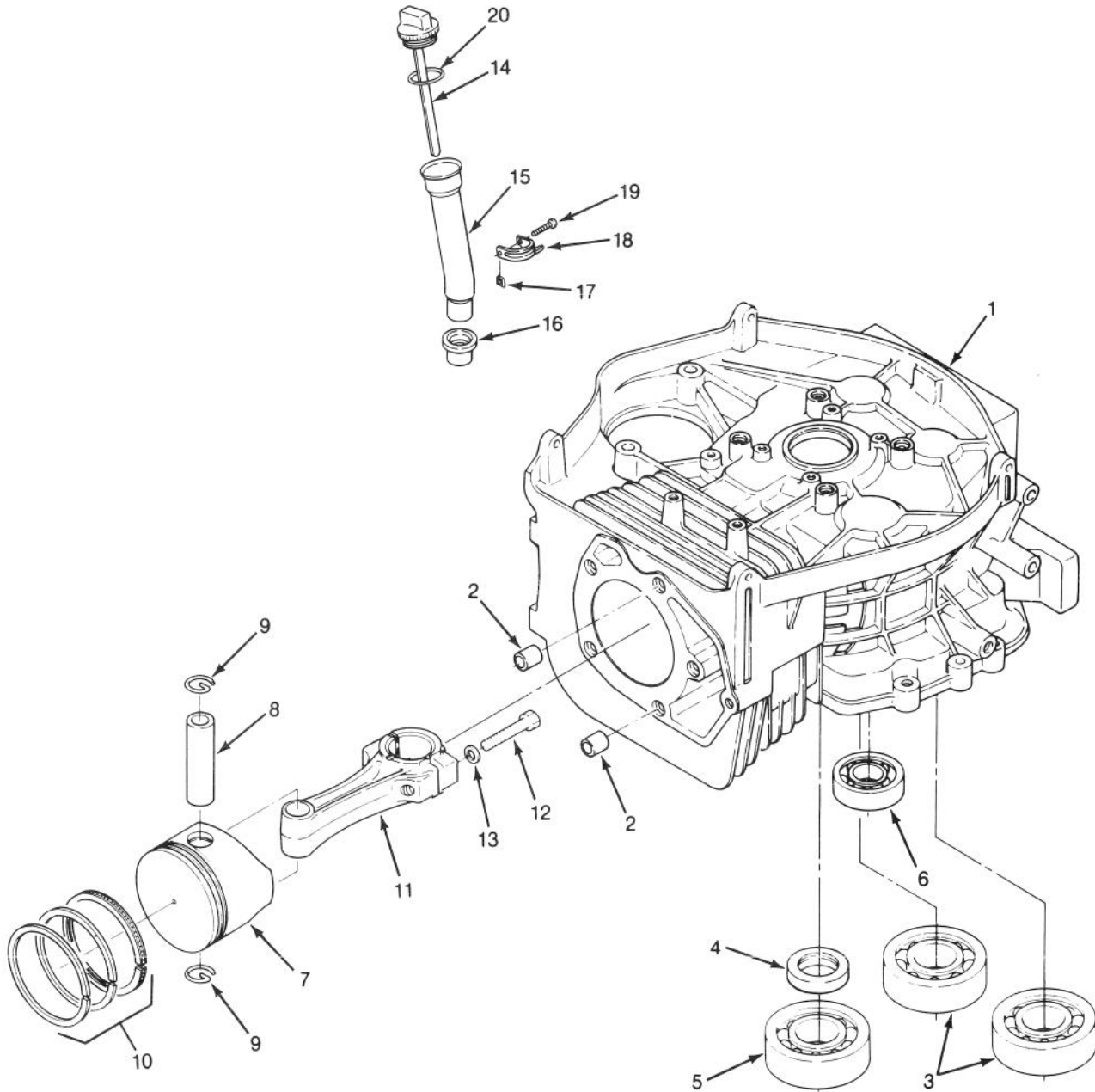


Figure 9-2 Engine Cylinder Block

# 14HP ENGINE CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10566	Block - Cylinder	1
2	NN10567	Pin - Dowel	2
3	NN10568	Bearing - Ball	2
4	NN10569	Seal - Oil	1
5	NN10570	Bearing - Crankshaft	1
6	NN10571	Bearing - Camshaft	1
7	NN10579	Kit - Piston (Standard) (Incl. Ref. #8-9)	1
*	NN10580	Kit - Piston (.25mm Oversize) (Incl. Ref. #8-9)	1
*	NN10581	Kit - Piston (.50mm Oversize) (Incl. Ref. #8-9)	1
8	NN10582	Pin - Piston	1
9	NN10583	Ring - Retaining	2
10	NN10584	Set - Piston Ring (Standard)	1
*	NN10585	Set - Piston Ring (.25mm Oversize)	1
*	NN10586	Set - Piston Ring (.50mm Oversize)	1

Ref. No.	Part No.	Description	No. Used
11	NN10587	Kit - Connecting Rod (Standard) (Incl. Ref. #12-13)	1
*	NN10588	Kit - Connecting Rod (.25mm Undersize) (Incl. Ref. 12-13)	
*	NN10589	Kit - Connecting Rod (.50mm Undersize) (Incl. Ref. #12-13)	1
12	NN10590	Bolt	2
13	NN10591	Washer	2
14	NN10688	Indicator	1
15	NN10689	Tube	1
16	NN10690	Seal	1
17	NN10431	Nut	1
18	NN10691	Bracket	1
19	NN10407	Screw	1
20	NN10323	Seal - O-Ring	1
*	NN10852	Block - Short	1

\*Not Illustrated

# 14HP ENGINE CRANKSHAFT & CAMSHAFT ASSEMBLY

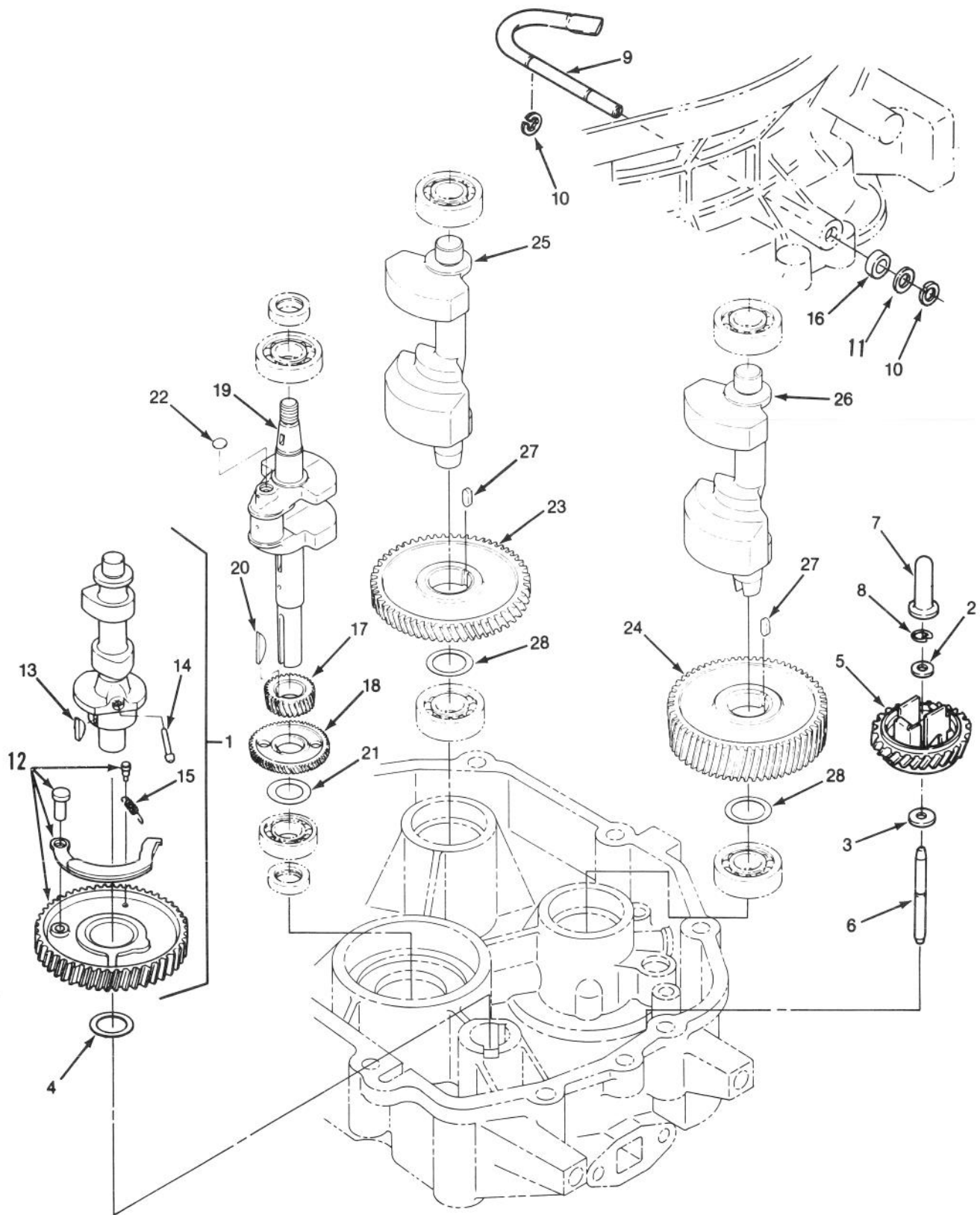


Figure 9-3 Crankshaft & Camshaft

# 14HP ENGINE CRANKSHAFT & CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10627	Camshaft Assembly (Incl. Ref. #12-15)	1
2	NN10628	Washer	1
3	NN10629	Washer	1
4	NN10630	Shim - Camshaft (.50mm)	1
*	NN10631	Shim - Camshaft (.60mm)	1
*	NN10632	Shim - Camshaft (.80mm)	1
*	NN10633	Shim - Camshaft (.90mm)	1
*	NN10634	Shim - Camshaft (1.00mm)	1
*	NN10635	Shim - Camshaft (1.20mm)	1
5	NN10636	Gear	1
6	NN10637	Shaft	1
7	NN10638	Sleeve	1
8	NN10639	Stop - Governor	1
9	NN10640	Lever	1
10	NN10641	Clip - Retaining	2
11	NN10543	Washer	1
12	NN10642	Camgear Assembly	1
13	NN10643	Key - Camgear	1
14	NN10644	Pin	1
15	NN10645	Spring	1
16	NN10646	Seal - Shaft Lever	1
17	NN10742	Gear - Crankshaft	1
18	NN10743	Gear - Balancer	1
19	NN10744	Crankshaft	1
20	NN10745	Key - Gear	1

Ref. No.	Part No.	Description	No. Used
21	NN10746	Shim - Crankshaft (.20mm)	1
*	NN10747	Shim - Crankshaft (.30mm)	1
*	NN10748	Shim - Crankshaft (.40mm)	1
*	NN10749	Shim - Crankshaft (.50mm)	1
22	NN10750	Plug	1
23	NN10751	Gear	1
24	NN10752	Gear	1
25	NN10753	Shaft	1
26	NN10754	Shaft	1
27	NN10755	Key - Gear	2
28	NN10756	Shim - Balancer Shaft (.50mm)	1
*	NN10757	Shim - Balancer Shaft (.60mm)	1
*	NN10758	Shim - Balancer Shaft (.70mm)	1
*	NN10759	Shim - Balancer Shaft (.80mm)	1
*	NN10760	Shim - Balancer Shaft (.90mm)	1
*	NN10761	Shim - Balancer Shaft (1.00mm)	1
*	NN10762	Shim - Balancer Shaft (1.20mm)	1
*	NN10765	Kit - Gasket, Engine	1
*	NN10764	Kit - Electric Starter (Field Conversion)	1
*	NN10347	Sealant - Thread (50cc Bottle)	1

\*Not Illustrated

# 14HP ENGINE OIL BASE & PUMP ASSEMBLY

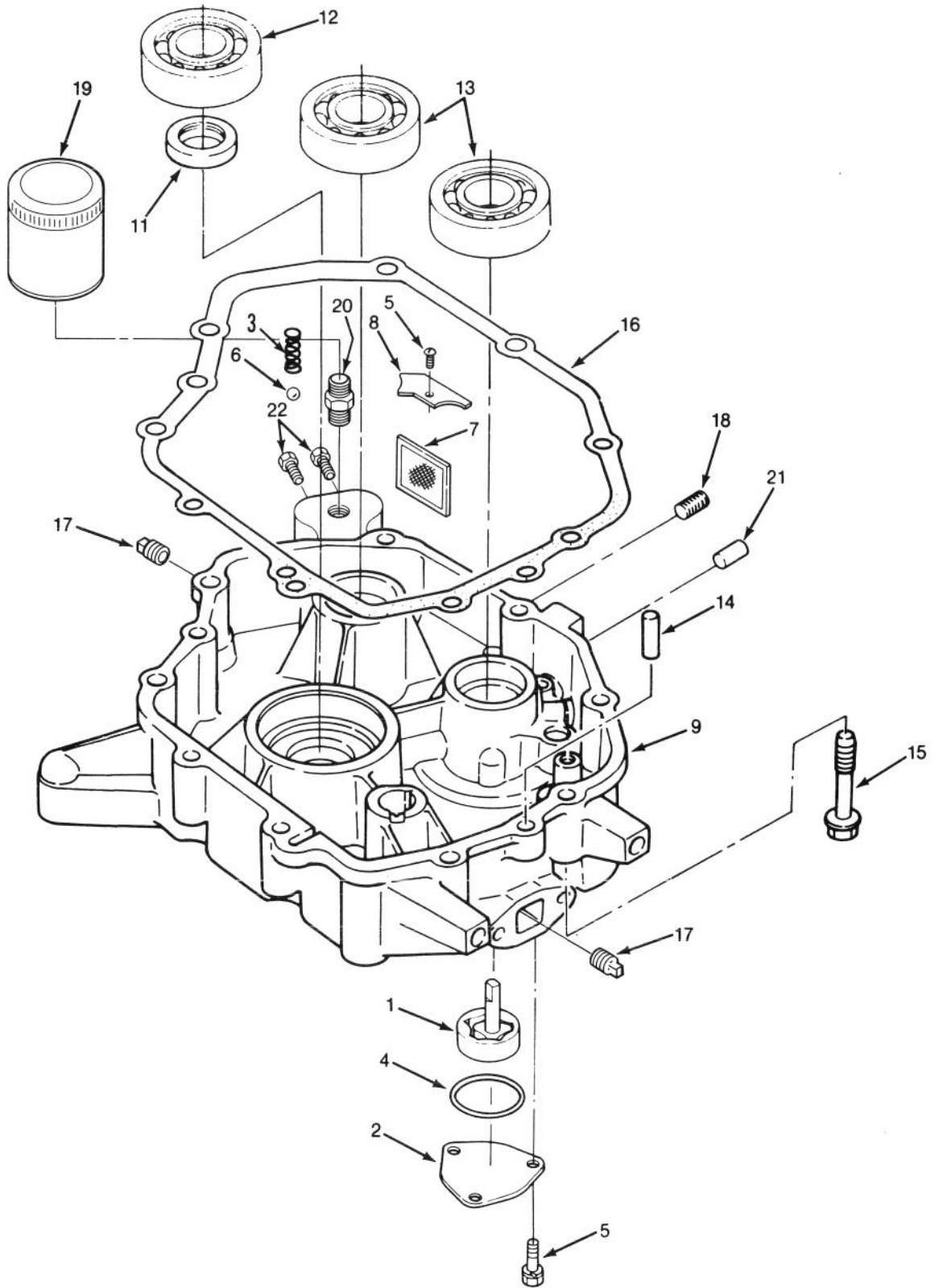


Figure 9-4 Oil Base and Oil Pump

## 14HP ENGINE OIL BASE & PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10572	Pump - Oil	1
2	NN10573	Cover	1
3	NN10574	Spring - Valve	1
4	NN10575	Seal - O-Ring	1
5	NN10576	Screw	4
6	NN10534	Ball	1
7	NN10577	Screen	1
8	NN10578	Cover	1
9	NN10675	Base - Oil	1
11	NN10569	Seal - Oil	1
12	NN10677	Bearing - Crankshaft (Lower)	1

Ref. No.	Part No.	Description	No. Used
13	NN10678	Bearing - Balancer Shaft (Lower)	1
14	NN10679	Pin	2
15	NN10680	Bolt - Special	9
16	NN10681	Gasket	1
17	NN10682	Plug - Square Hd.	2
18	NN10683	Plug	1
19	NN10684	Filter	1
20	NN10685	Adapter	1
21	NN10686	Plug	1
22	NN10687	Plug - Hex. Hd.	2

# 14HP ENGINE CYLINDER HEAD & VALVES ASSEMBLY

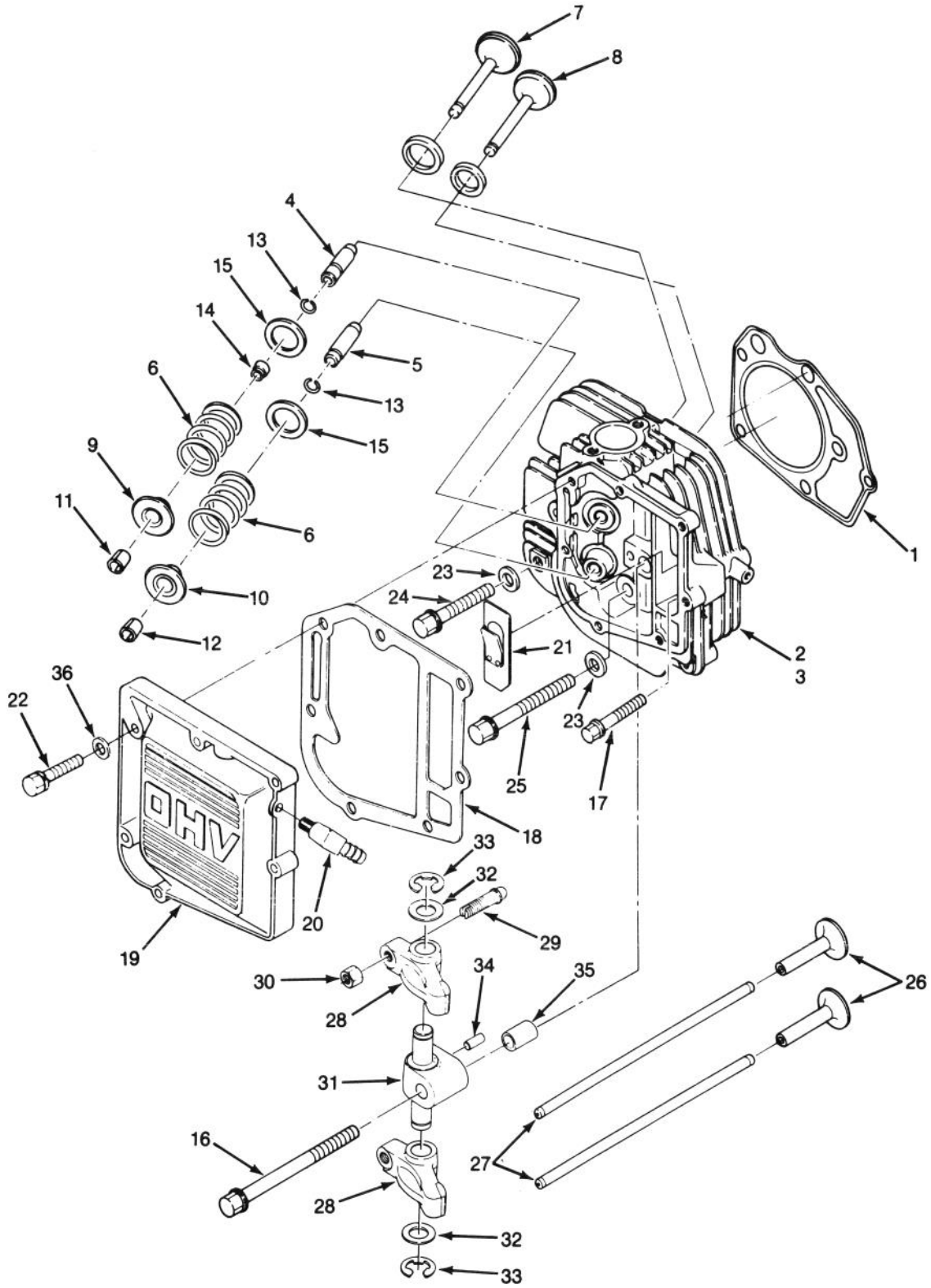


Figure 9-5 Cylinder Head and Valves

# 14HP ENGINE CYLINDER HEAD & VALVES ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10592	Gasket - Cylinder Head	1
2	NN10593	Cylinder Head Assembly (Incl. Ref. #4-15)	1
3	NN10594	Cylinder Head Assembly (Incl. Ref. #4-5)	1
4	NN10595	Guide - Intake Valve	1
5	NN10596	Guide - Exhaust Valve	1
6	NN10597	Spring - Valve	2
7	NN10598	Valve - Intake	1
8	NN10599	Valve - Exhaust	1
9	NN10600	Retainer - Intake	1
10	NN10601	Retainer - Exhaust	1
11	NN10602	Lock - Intake	1
12	NN10603	Lock - Exhaust	1
13	NN10604	Ring	2
14	NN10605	Seal - Intake	1
15	NN10606	Washer	2
16	NN10607	Bolt	1
17	NN10608	Bolt	1
18	NN10609	Gasket	1

Ref. No.	Part No.	Description	No. Used
19	NN10610	Cover - Valve	1
20	NN10611	Fitting - 90°	1
21	NN10612	Breather	1
22	NN10613	Screw - Hex. Socket Hd.	7
23	NN10614	Washer	2
24	NN10615	Bolt	2
25	NN10615	Bolt	2
26	NN10617	Tappet	2
27	NN10618	Rod - Push	2
28	NN10619	Rocker Arm Assembly (Incl. Ref. #29-30)	2
29	NN10620	Screw	2
30	NN10621	Nut	2
31	NN10622	Shaft - Rocker Arm	1
32	NN10623	Washer - Rocker Arm	2
33	NN10624	Clip - Retainer	2
34	NN10625	Pin - Dowel	1
35	NN10626	Pin - Dowel (Hollow)	1
36	NN10542	Washer	7

# 14HP ENGINE IGNITION ASSEMBLY

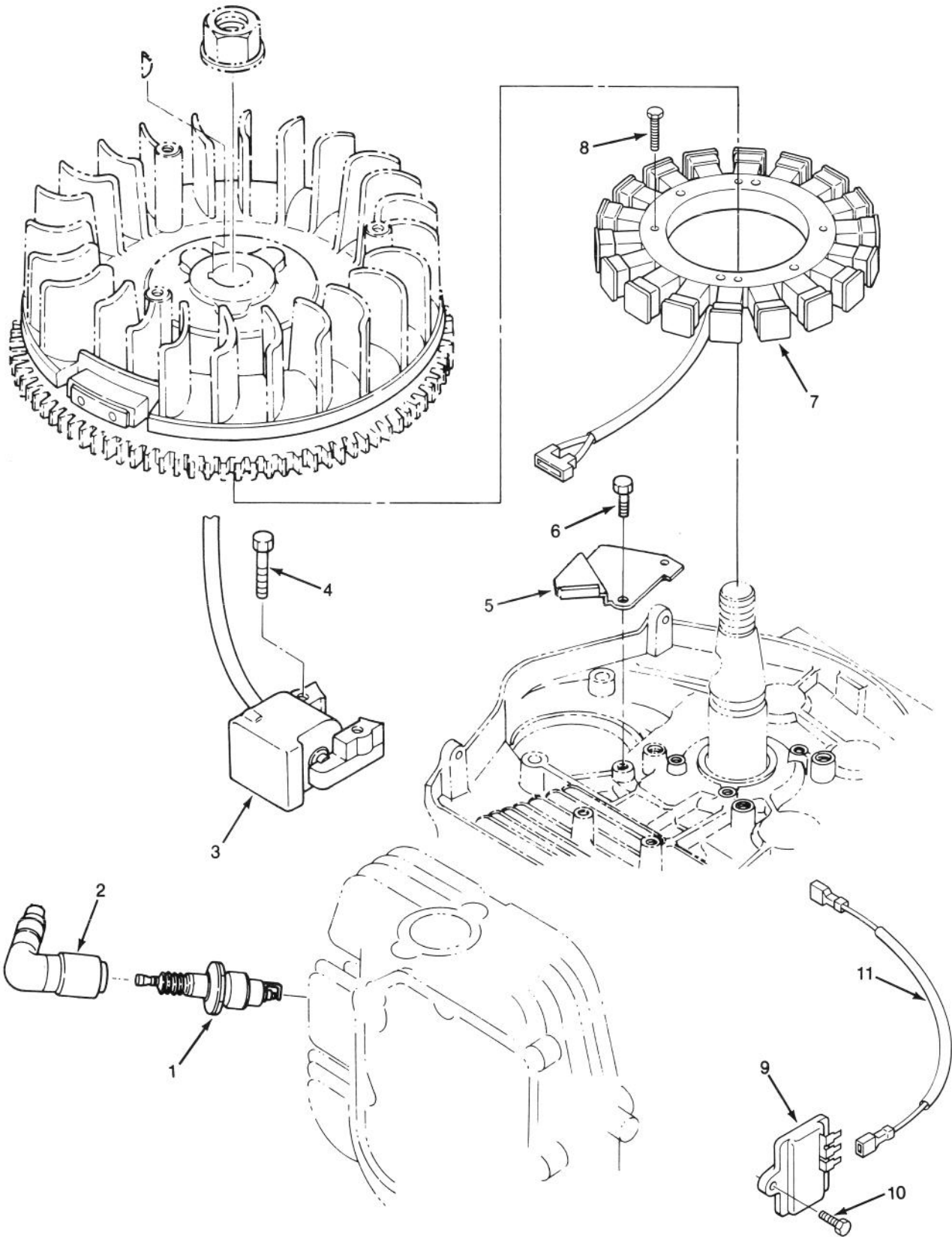


Figure 9-6 Ignition

# 14HP ENGINE IGNITION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10728	Plug - Spark	1
2	NN10729	Lead	1
3	NN10730	Coil - Ignition	1
4	NN10731	Bolt - Self Tapping	2
5	NN10732	Clamp - Cord	2
6	NN10733	Bolt - Self Tapping	1

Ref. No.	Part No.	Description	No. Used
7	NN10734	Stator Assembly	1
8	NN10735	Screw	2
9	NN10261	Regulator	1
10	NN10733	Bolt - Hex. Hd.	1
11	NN10673	Harness - Wire	1

# 14HP ENGINE AIR CLEANER ASSEMBLY

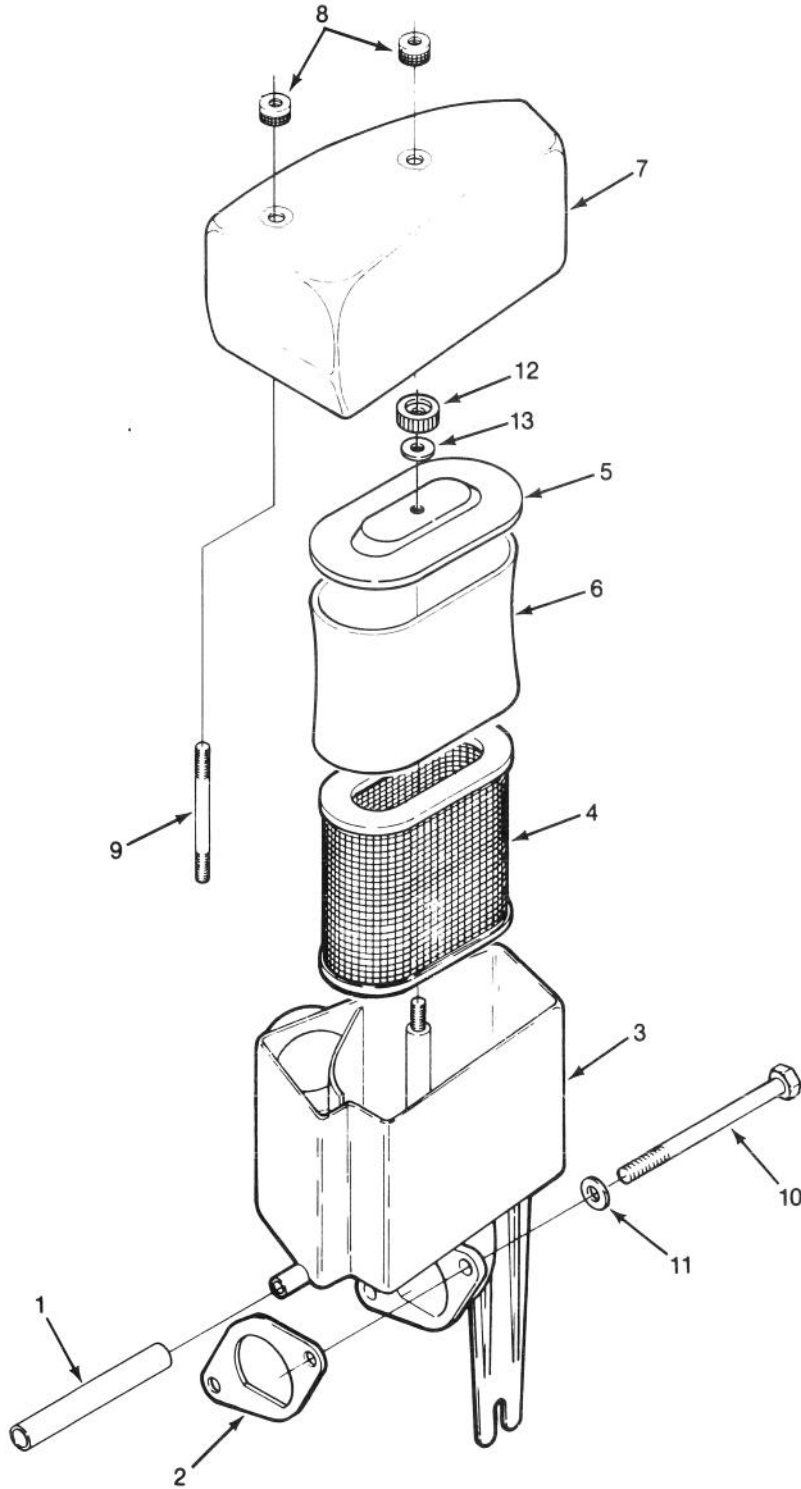


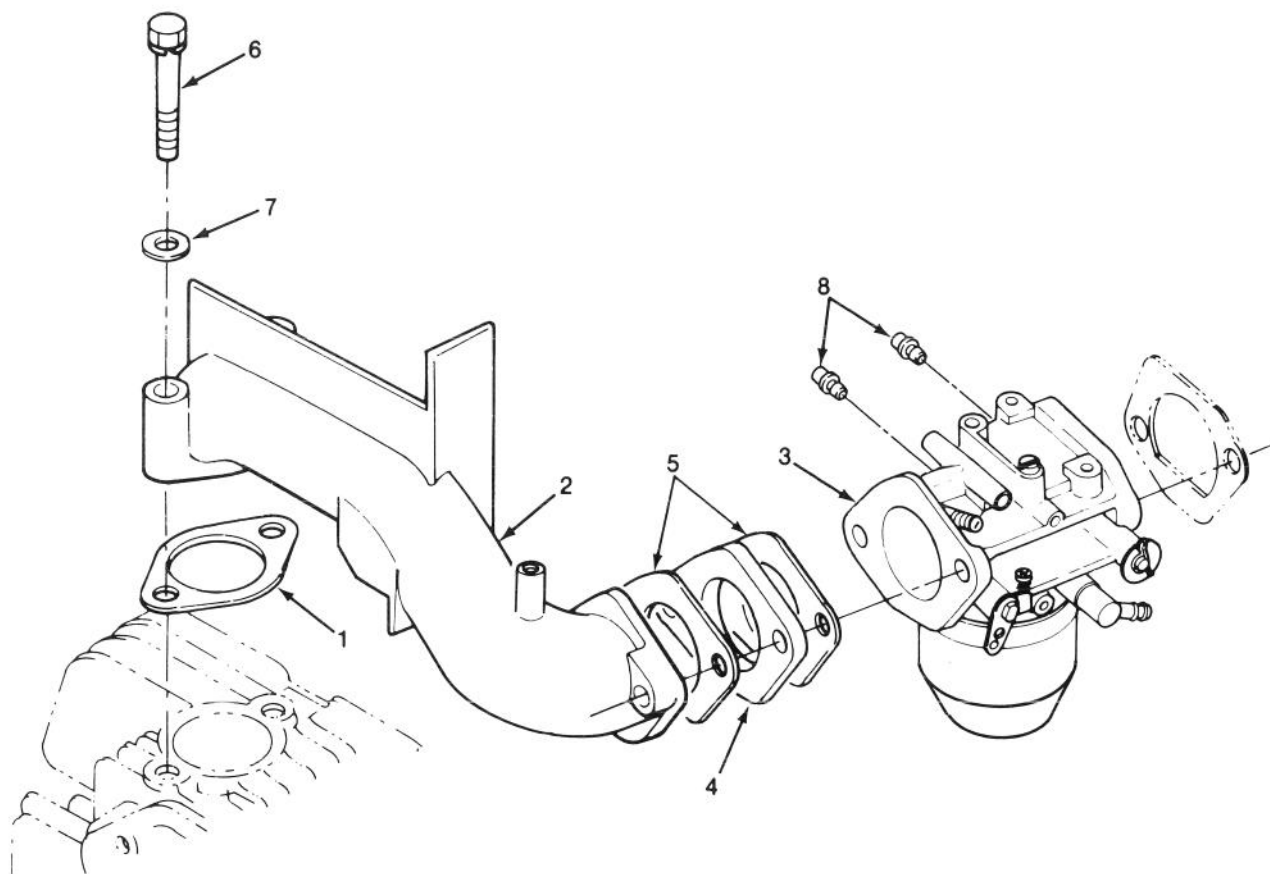
Figure 9-7 Air Cleaner

# 14HP ENGINE AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10693	Hose - Breather	1
2	NN10694	Gasket	1
3	NN10695	Adapter	1
4	NN10696	Element	1
5	NN10697	Cover - Element	1
6	NN10698	Wrapper - Element	1
7	NN10699	Cover - Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
8	NN10700	Knob	2
9	NN10701	Stud	1
10	NN10702	Screw - Cap Hex. Hd.	2
11	NN10543	Washer	2
12	NN10703	Knob	1
13	NN10704	Grommet	1

# 14HP ENGINE CARBURETOR ASSEMBLY



# 14HP ENGINE CARBURETOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10666	Gasket	1
2	NN10667	Elbow	1
3	NN10668	Carburetor	1
4	NN10669	Insulator	1

Ref. No.	Part No.	Description	No. Used
5	NN10670	Gasket	2
6	NN10671	Screw - Hex. Hd.	2
7	NN10543	Washer	2
8	NN10674	Clip - Link	2

# 14HP ENGINE GOVERNOR LINKAGE & COVER ASSEMBLY

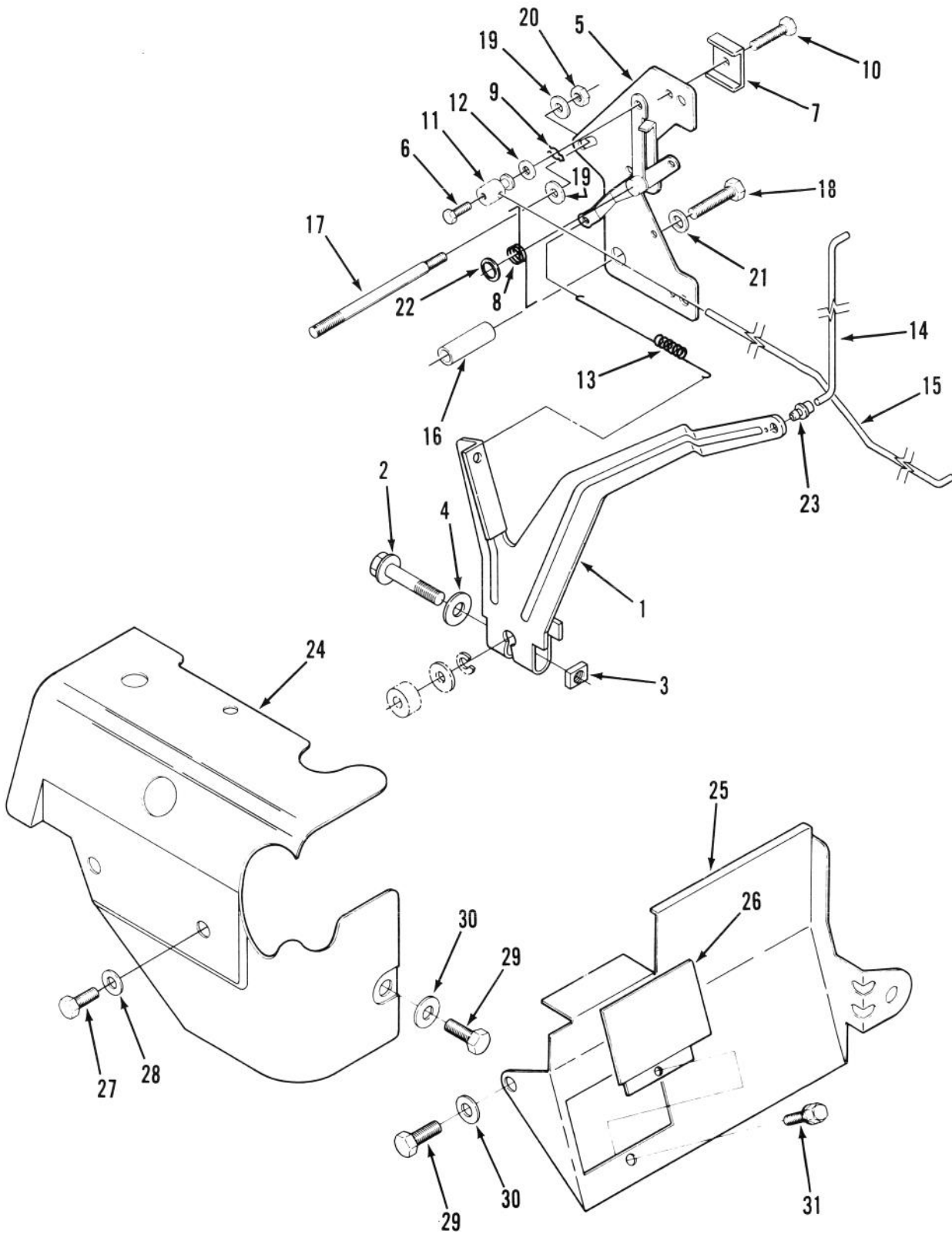


Figure 10-1 Covers & Governor Linkage

# 14HP ENGINE GOVERNOR LINKAGE & COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10647	Lever - Governor	1
2	NN10648	Screw - Hex. Hd.	1
3	NN10649	Nut	1
4	NN10650	Washer	1
5	NN10651	Throttle Plate Assembly	1
6	NN10652	Screw - Hex. Hd.	1
7	NN10653	Clamp - Cable	1
8	NN10654	Spring - Choke Linkage	1
9	NN10333	Pin - Cotter	1
10	NN10655	Screw	1
11	NN10656	Swivel - Choke Lever	1
12	NN10364	Washer	1
13	NN10657	Spring - Governor	1
14	NN10658	Link - Throttle	1
15	NN10659	Link - Choke	1
16	NN10660	Spacer	1

Ref. No.	Part No.	Description	No. Used	
17	NN10661	Stud	1	
18	NN10662	Screw - Hex. Hd.	1	
19	NN10542	Washer	2	
20	NN10663	Nut	1	
21	NN10543	Washer	1	
22	NN10664	Ring - Retaining	1	
23	NN10665	Clip - Link	1	
24	NN10722	Housing - Cylinder	1	
25	NN10723	Deflector - Air	1	
26	NN10772	Cover	1	
27	NN10725	Screw - Hex. Hd.	1	
28	NN10542	Washer	1	
29	NN10726	Screw - Hex. Hd.	5	
	*	NN10727	Screw - Hex. Hd.	1
30	NN10543	Washer	6	
31	NN10414	Screw - Hex. Washer Hd.	1	

\*Not Illustrated

# 14HP ENGINE FLYWHEEL & COVER ASSEMBLY

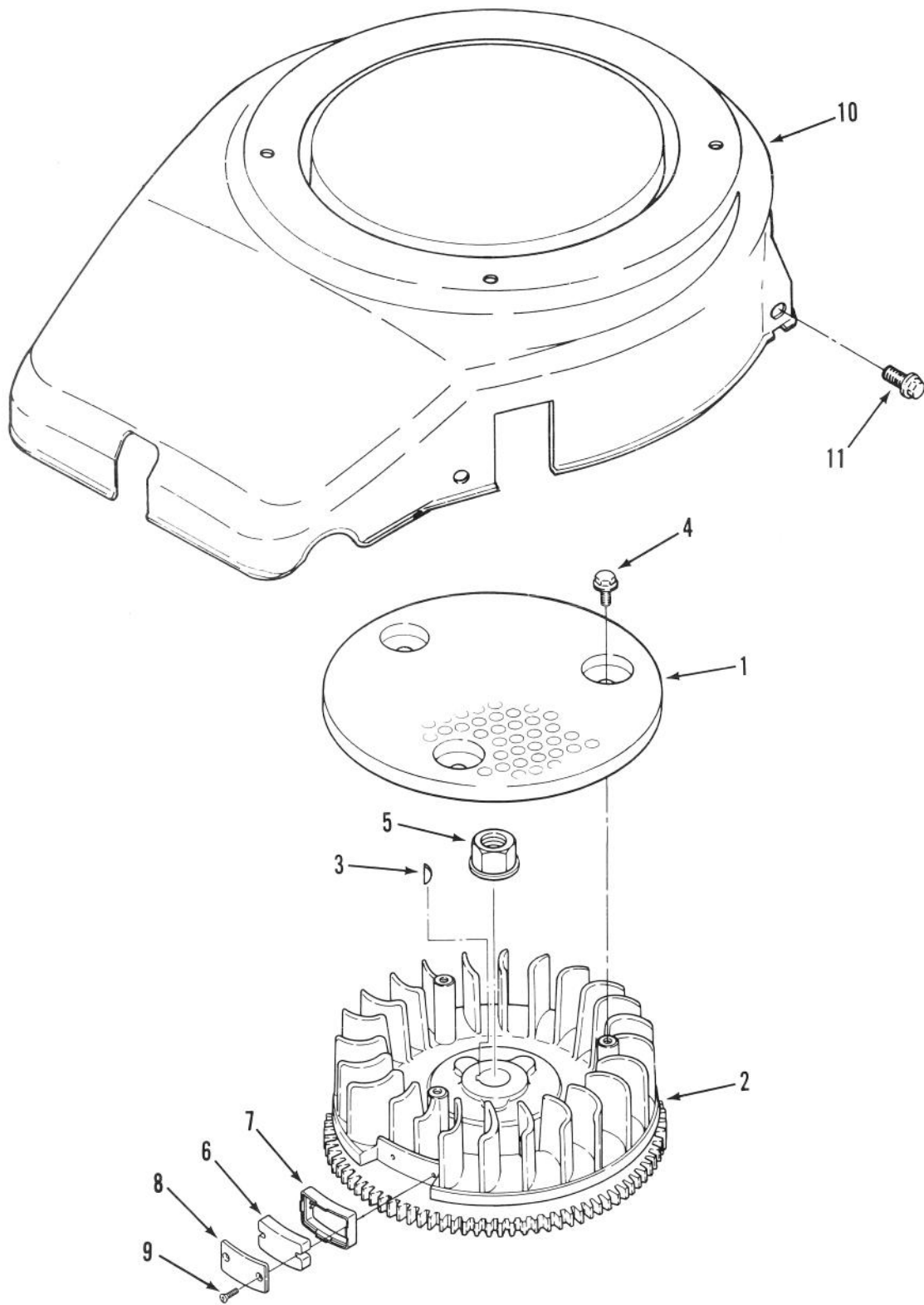


Figure 10-3 Flywheel and Cover

# 14HP ENGINE FLYWHEEL & COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10711	Screen	1
2	NN10712	Blower Wheel Assembly	1
3	NN10713	Key	1
4	NN10714	Screw - Hex. Hd.	3
5	NN10715	Nut	1
6	NN10716	Magnet	1

Ref. No.	Part No.	Description	No. Used
7	NN10717	Holder	1
8	NN10718	Cover	1
9	NN10719	Screw	2
10	NN10720	Housing - Blower	1
11	NN10721	Bolt	4

# 14HP ENGINE STARTER ASSEMBLY

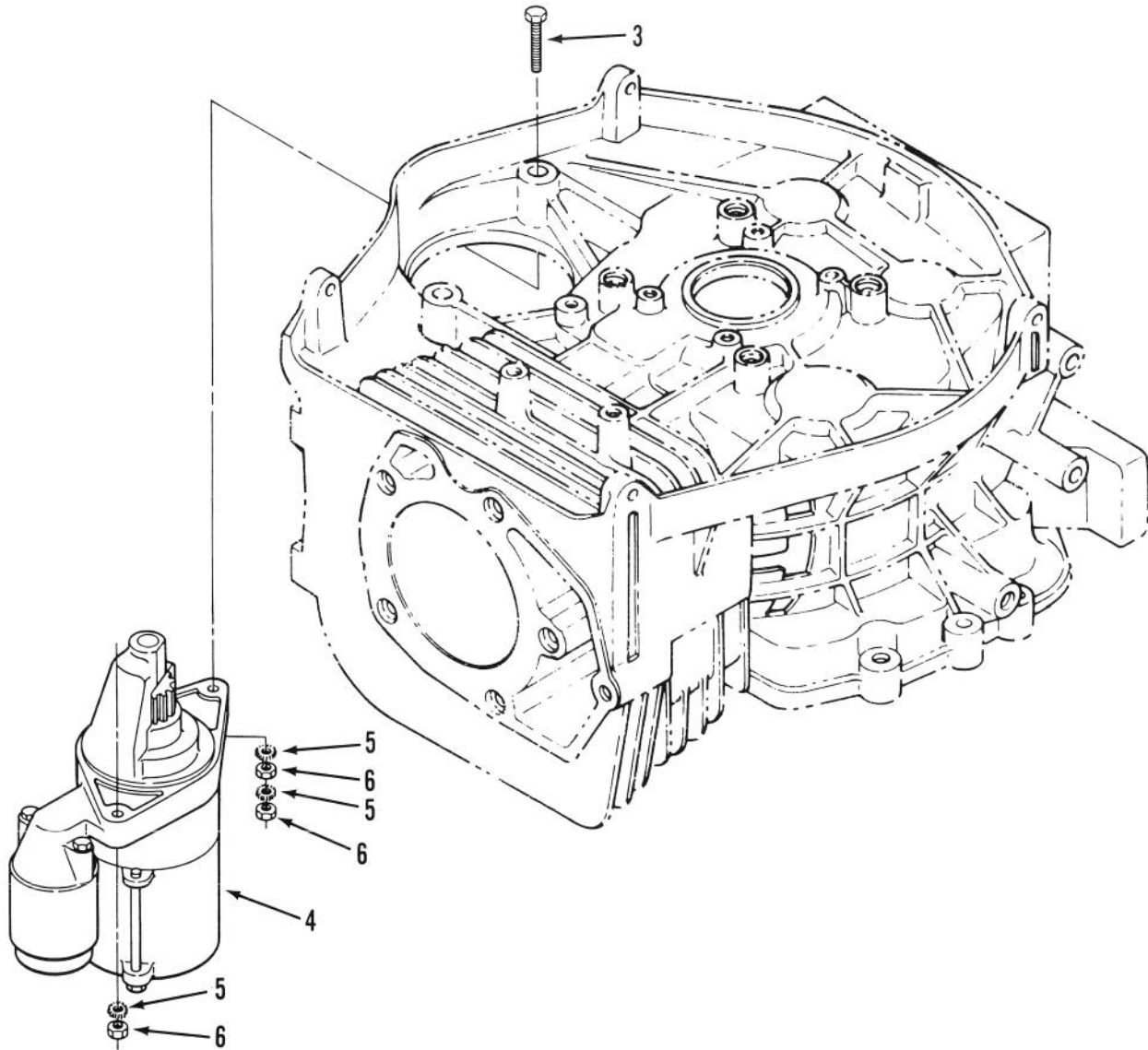


Figure 10-2 Starter

# 14HP ENGINE STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10738	Screw	2
2	NN10739	Starter	1

Ref. No.	Part No.	Description	No. Used
3	NN10740	Washer	3
4	NN10741	Nut	3

# PART NUMBER INDEX

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
1120	Key - Square	7	5 2	111392	J-Clip	1	17 1
1278	Washer	2	8 A/R	111392	J-Clip	3	6 2
1278	Washer	4	16 1	111392	J-Clip	9	7 1
1278	Washer	7	9 2	111392	J-Clip	9	25 1
1481	Fitting - Grease	2	27 1	111392	J-Clip	12	6 1
1623	Pulley - Idler	10	1 1	111418	Bushing	10	23 1
2534	Clip - Spring	10	10 1	111418	Bushing	12	9 1
3624	Spring - Compression	6	12 1	111419	Washer - Bearing	10	3 1
3765	Washer - Shim	4	22 2	111419	Washer - Bearing	12	7 1
5108	Valve - Tire, Tubeless	2	19 2	111424	Cap - Gas	12	1 1
5108	Valve - Tire, Tubeless	7	14 2	111435	V-Belt	7	1 1
5210	Washer - Shim	2	7 A/R	111439	Grip - Rod	11	5 1
5210	Washer - Shim	7	10 2	111466	Spring	10	11 1
5618	E-Ring	2	6 1	111473	Tank - Fuel	12	29 1
5666	Bushing - Nyliner	4	23 1	111646	Grip Ring	4	18 1
5701	E-Ring	6	16 3	111684	Pod - Light	1	3 2
5701	E-Ring	10	17 1	111685	Retainer	1	24 4
6542	Grip - Handle	6	10 1	111712	Washer - Wave	11	15 2
7228	Bulb #1156	1	4 2	111763	Strap	1	22 2
8130	Retainer - Spring	6	13 1	111951	Cap - Hub	2	24 2
8830	Clip	12	19 1	111952	Washer - Wheel	2	22 2
8870	Trunnion	11	9 1	112153	Assy. - Tank, Fuel	12	* 1
11688	Clamp	9	31 1	112168	Decal - Lift	6	15 1
100571	Cable Tie	8	20 1	112425	Pulley - Idler, Flat	10	6 1
100729	Clip	6	25 1	112670	Decal - Danger	8	12 1
100729	Clip	8	3 3	112744	Bracket - Pivot, R.H.	3	8 1
101884	Nut	5	12 1	112745	Bracket - Pivot, L.H.	3	15 1
102138	Switch - Lights	5	3 1	112757	Wire - Negative	9	18 1
102250	Washer	5	8 1	112837	Spring - Seat	3	19 2
103995	Washer	1	16 1	112843	Washer	9	42 1
104047	Bushing	12	28 1	112925	Washer - Backing	1	8 1
104048	Valve - Fuel	12	27 1	112961	Plate	3	14 2
104525	Spacer	10	25 1	112983	Knob	13	5 1
104636	E-Ring	7	12 2	113025	Pointer	13	7 1
104869	Washer	7	26 1	113113	Screw - Cap, Hex. Hd.	9	44 2
104962	Battery	9	19 1	113114	Screw	9	8 1
105316	Cap - Rod, Plunger	6	9 1	113179	Nut - Face	5	10 1
105474	Bushing	1	21 2	113852	Plate - Pivot, Seat	3	18 1
105490	Clip	9	22 1	114721	Tube - Drain, Battery	9	27 1
105503	Bushing	3	17 2	115197	Decal - Attach-A-Matic	8	19 2
106257	Rod - Latch, Lift	6	17 1	115203	Screw - Cap, Hex. Hd.	9	43 1
106288	Clamp - Shaft	8	18 2	115204	Harness - Wiring, Headlight	1	* 1
106948	Tray	9	20 1	115230	Switch - Clutch	12	3 1
107788	Spring - Extension	10	21 1	115413	Clevis	1	7 1
108547	Reflector	3	12 2	115413	Clevis	9	6 1
108886	Nut	12	10 1	115484	Pin W.A. - Axle	2	11 1
108889	Bumper	3	4 2	115575	Ball End	7	23 1
108898	Clamp - Hose	12	26 2	115593	Knob	6	4 1
109114	Washer - Wheel	7	11 2	115858	Clip - Snap On	4	1 1
109154	Cap - Hub	7	13 2	116262	Socket - Light	1	5 2
109189	Bearing	4	15 1	116338	Switch - Ignition, Assembly	5	4 1
109193	Rivet - Pop	3	13 4	116397	Relay	5	18 3
109500	Fitting - Grease	2	25 2	116454	Knob	13	3 1
109547	Hook - Battery	9	23 1	116497	Nut - Wings	9	14 2
109553	Boot - Battery	9	13 1	116590	Decal - Hood, Rear	1	11 1
109989	Spacer - Nylon	3	21 4	116591	Assy. Head Light	1	* 2
110015	Spacer	11	13 2	116601	Bar - Light	1	2 1
110370	Pulley, Idler	9	37 1	116738	Key	5	11 1
110387	Spacer - Axle	7	6 1	116782	Spring	11	6 1
110391	Bearing - Wheel	12	12 1	116792	Spring	6	23 1
110513	Bearing - Wheel	2	18 2	116874	Decal - Hood, Front	1	1 1
110636	Pad - Footrest	8	16 2	117127	Tire	2	20 2
110877	Rim	7	8 2	117184	Gasket - Exhaust	9	2 1
111076	Wire - Positive	9	12 1	117225	Hose - Fuel Line	12	25 1
111383	Collar	4	20 1	117234	Pedal - Brake	11	21 1

\*Not Illustrated

# PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
117316	Rod - Hold Down	9	16	1	790003	Disk, Brake	17	36	1
117343	Assy. Handle	1	13	2	790006	Pad, Brake	17	38	2
117343	Keeper - Latch	5	2	1	790007	Plate, Brake pad	17	37	1
117431	Rivet - Pop	5	1	2	790013	Lever, Brake	17	41	1
117432	Rivet - Pop	1	12	4	790025	Holder, Brake pad	17	44	1
117512	Decal - 5 Speed	5	16	1	792035	Ring, Retaining	17	27	1
117760	Decal - Fender	3	11	1	792040	Pin, Roll	17	123	1
118600	Decal - Power PWC	9	9	1	792073	Screw, Fl. Hex. Hd. Thread	17	25	17
120040	Decal - Toro	9	11	1	792073	Screw, Fl. Hex. Hd. Thread	17	42	2
120930	Holder - Fuse	5	21	1	792074	Plug, Hex. Hd. 9/16-18 Thd.	17	72	1
770071A	Case, Transaxle	17	3	1	792075	Locknut, 5/16-24	17	43	1
772082	Cover, Transaxle	17	1	1	792076	Washer, Flat	17	40	1
774657	Axle (15-1/8" Long)	17	48	1	792077	Ball, Steel	17	20	1
774658	Axle (13-1/4" Long)	17	47	1	792078	Screw, Set, 3/8-16 x 3/8	17	21	1
776135	Shaft, Input	17	66	1	792079	Spring	17	22	1
776184A	Shaft, Brake	17	67	1	792089A	Key	17	8	4
776204	Shaft, Counter	17	4	1	792125	Ring, Retaining (Pkg. of 2)	17	26	4
778068	Pinion, Bevel	17	14	2	900379	Bolt - Carriage	8	17	1
778121A	Gear, Spur (20 teeth)	17	53	1	909543	Screw - Set	7	2	2
778122A	Gear, Spur (22 teeth)	17	52	1	909848	Screw - Set	4	19	1
778123A	Gear, Spur (25 teeth)	17	51	1	915085	Nut	2	5	1
778124A	Gear, Spur (30 teeth)	17	50	1	915114	Nut	9	21	2
778126A	Gear, Spur (20 teeth)	17	57	1	933140	Pin - Roll	6	6	1
778127A	Gear, Spur (25 teeth)	17	58	1	933148	Pin - Roll	6	11	1
778128A	Gear, Spur (28 teeth)	17	59	1	933221	Pin - Roll	13	10	1
778129A	Gear, Spur (30 teeth)	17	60	1	933233	Pin - Roll	4	27	1
778136	Gear, Spur (15 teeth)	17	7	1	933270	Pin - Roll	2	3	2
778138	Pinion, Output	17	5	1	933275	Pin - Roll	4	25	1
778139	Gear, Output	17	6	1	936117	Ring - Retaining	4	21	1
778145	Gear, Spur (12 teeth)	17	56	1	937225	Key Hi-Pro	7	28	1
778146A	Gear, Spur (37 teeth)	17	49	1	938031	Bushing - Nylon	3	10	1
778153	Bevel Pinion, Input	17	12	1	9000379	Bolt - Carriage	12	14	2
778154	Gear, Bevel (42 teeth)	17	11	1	9000389	Bolt - Carriage	8	5	1
778175	Gear Assy., Differential	17	15	1	9000649	Bolt - Carriage	10	12	2
778221	Gear, Bevel	17	13	2	9000659	Bolt - Carriage	10	5	1
780001	Washer, Thrust	17	31A	2	9002149	Bolt - Carriage	3	7	4
780064	Bushing	17	120	2	9002159	Bolt - Carriage	8	13	1
780065	Washer, Thrust	17	121	2	9002359	Bolt - Carriage	12	16	1
780072	Washer, Thrust	17	29	4	9062159	Bolt - Carriage	12	23	2
780105A	Bushing, Flanged	17	34	3	9080034	Screw - Cap Hex Hd	4	6	1
780108	Washer, Thrust	17	30	5	9080034	Screw - Cap, Hex. Hd.	9	17	2
780109	Washer, Thrust	17	65	1	9080184	Screw - Cap, Hex. Hd.	3	2	10
780112	Bearing, Needle	17	91	2	9080194	Screw - Cap, Hex. Hd.	3	5	8
780113	Washer, Flat	17	31	1	9080194	Screw - Cap, Hex. Hd.	7	17	5
780114	Washer, Flat	17	119	1	9080214	Screw - Cap, Hex. Hd.	8	11	
780118A	Bushing, Flanged	17	35	1	9080264	Screw - Hex. Washer Hd.	7	4	4
780119	Bearing, Ball	17	89	2	9080364	Screw - Cap, Hex. Hd.	10	2	1
780120	Bushing	17	120A	1	9080376	Screw - Cap, Hex. Hd.	9	40	1
780121	Bearing, Ball	17	88	1	9080384	Screw - Cap, Hex. Hd.	10	8	1
780122	Bearing, Needle	17	2	2	9081536	Screw - Hex. Hd.	7	24	1
784266	Collar, Shift	17	9	1	9107964	Pan Head Screw	5	20	3
784290	Rod & Fork Assy., Shift	17	10	1	9109484	Screw	12	2	2
786026	Pin, Dowel	17	39	2	9131114	Screw - HWH	1	14	1
786034	Pin, Drive	17	17	1	9150026	Nut	2	12	2
786060	Sprocket (14 teeth)	17	83	1	9150844	Nut	7	22	1
786061	Sprocket (10 teeth)	17	82	1	9151114	Nut	9	29	2
786062A	Chain, Roller	17	81	1	9151124	Nut	3	20	4
786074	Spacer	17	18	1	9151124	Nut	8	14	4
786086	Bracket, Brake Lever	17	46	1	9156614	Nut	4	5	1
788040	Ring, Retaining	17	28	1	9156624	Nut	3	3	8
788051	Seal, Square cut	17	33	2	9156624	Nut	4	29	1
788053	Seal, Square cut	17	118	2	9156624	Nut	7	18	5
788057	Seal, Square cut	17	32	1	9156624	Nut	8	2	10
788067B	Grease	17	90	1	9156624	Nut	12	21	4
788069	Seal, Square cut	17	71	1	9156634	Nut	10	19	5

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
9156654	Nut	10	15	1	NN10542	Washer	33	19	2
9157324	Nut	12	24	2	NN10543	Washer	21	11	1
9157404	Nut	1	9	1	NN10543	Washer	29	11	2
9157404	Nut	5	17	3	NN10543	Washer	31	7	2
9157404	Nut	4	2	3	NN10543	Washer	33	21	1
9200054	Washer	4	10	1	NN10543	Washer	33	30	6
9200054	Washer	6	22	1	NN10566	Block - Cylinder	19	1	1
9200074	Washer	4	14	1	NN10567	Pin - Dowel	19	2	2
9200074	Washer	9	15	4	NN10568	Bearing - Ball	19	3	2
9200084	Washer	3	16	6	NN10569	Seal - Oil	19	4	1
9200084	Washer	7	19	4	NN10569	Seal - Oil	23	11	1
9200084	Washer	12	22	4	NN10570	Bearing - Crankshaft	19	5	1
9200084	Washer - Flat	11	2	4	NN10571	Bearing - Camshaft	19	6	1
9200094	Washer	9	39	2	NN10572	Pump - Oil	23	1	1
9200094	Washer - Flat	10	7	3	NN10573	Cover	23	2	1
9200114	Washer	6	18	1	NN10574	Spring - Valve	23	3	1
9200114	Washer - Flat	10	16	1	NN10575	Seal - O-Ring	23	4	1
9200114	Washer - Flat	11	8	1	NN10576	Screw	23	5	4
9200384	Washer	2	14	2	NN10577	Screen	23	7	1
9200814	Washer - Lock	7	25	1	NN10578	Cover	23	8	1
9200814	Washer - Lock	9	30	2	NN10579	Kit - Piston	19	7	1
9200824	Washer - Lock	3	1	8	NN10580	Kit - Piston	19	*	1
9200824	Washer - Lock	9	45	2	NN10581	Kit - Piston	19	*	1
9201234	Washer - Lock	6	26	1	NN10582	Pin - Piston	19	8	1
9201554	Washer - Lock	8	15	4	NN10583	Ring - Retaining	19	9	2
9201604	Washer - Lock	5	14	2	NN10584	Set - Piston Ring	19	10	1
9202154	Washer - Flat	11	20	2	NN10585	Set - Piston Ring	19	*	1
9202324	Washer	2	9	2	NN10586	Set - Piston Ring	19	*	1
9202594	Washer	5	9	1	NN10587	Kit - Connecting Rod	19	11	1
9202594	Washer	6	1	1	NN10588	Kit - Connecting Rod	19	*	
9202624	Washer	5	13	1	NN10589	Kit - Connecting Rod	19	*	1
9202634	Washer	6	29	1	NN10590	Bolt	19	12	2
9265664	Screw	9	32	1	NN10591	Washer	19	13	2
9266944	Screw	12	4	2	NN10592	Gasket - Cylinder Head	25	1	1
9266944	Screw	12	13	2	NN10593	Cylinder Head Assembly	25	2	1
9266944	Screw - Cap, Hex Hd.	1	20	2	NN10594	Cylinder Head Assembly	25	3	1
9266944	Screw - Cap, Hex. Hd.	8	9	3	NN10595	Guide - Intake Valve	25	4	1
9266944	Screw - Hex. Wash.Hd.	9	26	1	NN10596	Guide - Exhaust Valve	25	5	1
9266964	Screw - Cap, Hex Hd	9	35	4	NN10597	Spring - Valve	25	6	2
9266974	Screw - Hex. Washer Hd.	8	8	1	NN10598	Valve - Intake	25	7	1
9267154	Screw - Cap Hex. Hd.	2	10	1	NN10599	Valve - Exhaust	25	8	1
9267204	Screw	12	17	2	NN10600	Retainer - Intake	25	9	1
9267204	Screw - Cap, Hex. Hd.	6	27	2	NN10601	Retainer - Exhaust	25	10	1
9267204	Screw - Cap, Hex. Hd.	7	15	4	NN10602	Lock - Intake	25	11	1
9267204	Screw - Hex. Washer Hd.	6	7	3	NN10603	Lock - Exhaust	25	12	1
9267204	Screw - Hex. Washer Hd.	12	20	1	NN10604	Ring	25	13	2
9320004	Pin - Cotter	6	21	1	NN10605	Seal - Intake	25	14	1
9320004	Pin - Cotter	4	9	1	NN10606	Washer	25	15	2
9320084	Pin - Cotter	11	1	2	NN10607	Bolt	25	16	1
9320084	Pin - Cotter	11	7	1	NN10608	Bolt	25	17	1
9320084	Pin - Cotter	11	12	2	NN10609	Gasket	25	18	1
9320264	Pin - Cotter	2	23	2	NN10610	Cover - Valve	25	19	1
9320344	Pin - Cotter	11	16	1	NN10611	Fitting - 90°	25	20	1
9329575	Pin - Clevis	11	18	1	NN10612	Breather	25	21	1
9430832	Elbow - Street	9	33	1	NN10613	Screw - Hex. Socket Hd.	25	22	7
NN10261	Regulator	27	9	1	NN10614	Washer	25	23	2
NN10323	Seal - O-Ring	19	20	1	NN10615	Bolt	25	24	2
NN10333	Pin - Cotter	33	9	1	NN10615	Bolt	25	25	2
NN10347	Sealant - Thread	21	*	1	NN10617	Tappet	25	26	2
NN10364	Washer	33	12	1	NN10618	Rod - Push	25	27	2
NN10407	Screw	19	19	1	NN10619	Rocker Arm Assembly	25	28	2
NN10414	Screw - Hex. Washer Hd.	33	31	1	NN10620	Screw	25	29	2
NN10431	Nut	19	17	1	NN10621	Nut	25	30	2
NN10534	Ball	23	6	1	NN10622	Shaft - Rocker Arm	25	31	1
NN10542	Washer	25	36	7					

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10623	Washer - Rocker Arm	25 32 2	NN10689	Tube	19 15 1
NN10624	Clip - Retainer	25 33 2	NN10690	Seal	19 16 1
NN10625	Pin - Dowel	25 34 1	NN10691	Bracket	19 18 1
NN10626	Pin - Dowel	25 35 1	NN10693	Hose - Breather	29 1 1
NN10627	Camshaft Assembly	21 1 1	NN10694	Gasket	29 2 1
NN10628	Washer	21 2 1	NN10695	Adapter	29 3 1
NN10629	Washer	21 3 1	NN10696	Element	29 4 1
NN10630	Shim - Camshaft	21 4 1	NN10697	Cover - Element	29 5 1
NN10631	Shim - Camshaft	21 * 1	NN10698	Wrapper - Element	29 6 1
NN10632	Shim - Camshaft	21 * 1	NN10699	Cover - Air Cleaner	29 7 1
NN10633	Shim - Camshaft	21 * 1	NN10700	Knob	29 8 2
NN10634	Shim - Camshaft	21 * 1	NN10701	Stud	29 9 1
NN10635	Shim - Camshaft	21 * 1	NN10702	Screw - Cap Hex. Hd.	29 10 2
NN10636	Gear	21 5 1	NN10703	Knob	29 12 1
NN10637	Shaft	21 6 1	NN10704	Grommet	29 13 1
NN10638	Sleeve	21 7 1	NN10711	Screen	35 1 1
NN10639	Stop - Governor	21 8 1	NN10712	Blower Wheel Assembly	35 2 1
NN10640	Lever	21 9 1	NN10713	Key	35 3 1
NN10641	Clip - Retaining	21 10 2	NN10714	Screw - Hex. Hd.	35 4 3
NN10642	Camgear Assembly	21 12 1	NN10715	Nut	35 5 1
NN10643	Key - Camgear	21 13 1	NN10716	Magnet	35 6 1
NN10644	Pin	21 14 1	NN10717	Holder	35 7 1
NN10645	Spring	21 15 1	NN10718	Cover	35 8 1
NN10646	Seal - Shaft Lever	21 16 1	NN10719	Screw	35 9 2
NN10647	Lever - Governor	33 1 1	NN10720	Housing - Blower	35 10 1
NN10648	Screw - Hex. Hd.	33 2 1	NN10721	Bolt	35 11 4
NN10649	Nut	33 3 1	NN10722	Housing - Cylinder	33 24 1
NN10650	Washer	33 4 1	NN10723	Deflector - Air	33 25 1
NN10651	Throttle Plate Assembly	33 5 1	NN10725	Screw - Hex. Hd.	33 27 1
NN10652	Screw - Hex. Hd.	33 6 1	NN10726	Screw - Hex. Hd.	33 29 5
NN10653	Clamp - Cable	33 7 1	NN10727	Screw - Hex. Hd.	33 * 1
NN10654	Spring - Choke Linkage	33 8 1	NN10728	Plug - Spark	9 4 1
NN10655	Screw	33 10 1	NN10728	Plug - Spark	27 1 1
NN10656	Swivel - Choke Lever	33 11 1	NN10729	Lead	27 2 1
NN10657	Spring - Governor	33 13 1	NN10730	Coil - Ignition	27 3 1
NN10658	Link - Throttle	33 14 1	NN10731	Bolt - Self Tapping	27 4 2
NN10659	Link - Choke	33 15 1	NN10732	Clamp - Cord	27 5 2
NN10660	Spacer	33 16 1	NN10733	Bolt - Hex. Hd.	27 10 1
NN10661	Stud	33 17 1	NN10733	Bolt - Self Tapping	27 6 1
NN10662	Screw - Hex. Hd.	33 18 1	NN10734	Stator Assembly	27 7 1
NN10663	Nut	33 20 1	NN10735	Screw	27 8 2
NN10664	Ring - Retaining	33 22 1	NN10738	Screw	37 1 2
NN10665	Clip - Link	33 23 1	NN10739	Starter	37 2 1
NN10666	Gasket	31 1 1	NN10740	Washer	37 3 3
NN10667	Elbow	31 2 1	NN10741	Nut	37 4 3
NN10668	Carburetor	31 3 1	NN10742	Gear - Crankshaft	21 17 1
NN10669	Insulator	31 4 1	NN10743	Gear - Balancer	21 18 1
NN10670	Gasket	31 5 2	NN10744	Crankshaft	21 19 1
NN10671	Screw - Hex. Hd.	31 6 2	NN10745	Key - Gear	21 20 1
NN10673	Harness - Wire	27 11 1	NN10746	Shim - Crankshaft	21 21 1
NN10674	Clip - Link	31 8 2	NN10747	Shim - Crankshaft	21 * 1
NN10675	Base - Oil	23 9 1	NN10748	Shim - Crankshaft	21 * 1
NN10677	Bearing - Crankshaft	23 12 1	NN10749	Shim - Crankshaft	21 * 1
NN10678	Bearing - Balancer Shaft	23 13 1	NN10750	Plug	21 22 1
NN10679	Pin	23 14 2	NN10751	Gear	21 23 1
NN10680	Bolt - Special	23 15 9	NN10752	Gear	21 24 1
NN10681	Gasket	23 16 1	NN10753	Shaft	21 25 1
NN10682	Plug	9 34 1	NN10754	Shaft	21 26 1
NN10682	Plug - Square Hd.	23 17 2	NN10755	Key - Gear	21 27 2
NN10683	Plug	23 18 1	NN10756	Shim - Balancer Shaft	21 28 1
NN10684	Filter	23 19 1	NN10757	Shim - Balancer Shaft	21 * 1
NN10685	Adapter	23 20 1	NN10758	Shim - Balancer Shaft	21 * 1
NN10686	Plug	23 21 1	NN10759	Shim - Balancer Shaft	21 * 1
NN10687	Plug - Hex. Hd.	23 22 2	NN10760	Shim - Balancer Shaft	21 * 1
NN10688	Indicator	19 14 1	NN10761	Shim - Balancer Shaft	21 * 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
NN10762	Shim - Balancer Shaft	21	*	1	78-7220	Assy., Rod, Control	4	28	1
NN10764	Kit - Electric Starter	21	*	1	78-7230	Wire Harness	9	28	1
NN10765	Kit - Gasket, Engine	21	*	1	78-7230	Wire Harness	14	1	1
NN10772	Cover	33	26	1	78-7292	Frame	8	1	1
NN10852	Block - Short	19	*	1	78-7360	Rod - W.A.	10	20	1
MW8756	Nut - Wing	1	15	1	78-7390	Link - W.A.	10	14	1
38-1420	Switch - Seat	3	22	1	78-7500	Decal - Hood, RH	1	6	1
5210-101-012	Assembly - Rotor	15	1	1	78-7510	Decal - Hood, LH	1	18	1
78-1130	Panel	8	4	1	78-7673	Stop - Brake	7	27	1
78-1192	Bracket - Steering	12	15	1	78-7901	Retainer - Indicator	4	11	1
78-1250	Wheel & Tire Assy.	7	*	2	78-7911	Pin	6	19	1
78-1260	Tire	7	7	2	78-7911	Support - Indicator	4	4	1
78-1310	Bracket	6	24	1	78-7930	Decal - Throttle	13	1	1
78-1650	Assy. - Wheel/Tire	2	*	2	78-7941	Decal - 5 Speed, Motion	13	8	1
78-1660	Assy. - Wheel	2	*	2	78-7960	Axle - Front	2	17	1
78-1680	Rim - Wheel	2	21	2	78-8130	Shaft - Steering	4	17	1
78-1800	Strap	7	16	2	78-8165	Plate	12	5	1
78-1940	Arm - Spindle, R.H.	2	4	1	78-8180	Pedal - Clutch	11	11	1
78-1950	Arm - Spindle, L.H.	2	16	1	78-8370	Decal - Height of Cut	13	11	1
78-2090	Handle W.A.	6	14	1	78-8440	Decal PTO	5	5	1
78-2100	Rod - Indicator	4	12	1	78-8450	Assy. - Link, Steering R.H.	2	*	1
78-2111	Arm - W.A.	11	19	1	78-8460	Assy. - Link, Steering L.H.	2	*	1
78-2140	Trunnion	6	20	1	78-8470	Decal - Danger	8	6	1
78-2151	Rod	6	3	1	78-8480	Decal - Ignition	5	15	1
78-2250A	Bracket - Holder, Fuse	5	19	1	78-8490	Decal	5	7	1
78-2321	Shaft - W.A.	10	18	1	78-8520	Decal	6	2	1
78-2391	Hood Stand W.A.	4	30	1	78-8710	Screw - Pan Head	13	2	3
78-2430	Rod - W.A.	11	17	1	78-8730	Spring - Compression	4	24	1
78-2490	Stop - W.A.	12	18	1	78-8740	Decal - 14.0	9	10	1
78-2600	Spindle - W.A.	2	1	2	78-8790	Control - Throttle	4	3	1
78-2610	Sector - Gear	12	8	1	78-9160	Seat	3	23	1
78-2920	Ball Joint	2	26	2	78-9190	Plate	12	11	1
78-2930	Muffler	9	1	1	78-9200	Spring - Brake	11	3	1
78-3030	PTO Switch & Handle	5	6	1	78-9340	Assy. - Cable	1	10	1
78-3100	Wheel - Steering	13	9	1	78-9481	Spacer	4	13	1
78-3110	Hood W.A.	1	19	1	78-9730	Rod - W.A., Clutch	11	10	1
78-3180	Plate	6	28	1	78-9740	Decal - H.O.C. Knob	6	5	1
78-5801	Assy. Ball Joint, R.H.	2	13	1	78-9750	Spring - Extension	4	7	1
78-5811	Assy. Ball Joint, L.H.	2	15	1	79-0050	Fender	3	9	1
78-5980	Console	13	12	1	79-0120	Decal - Parking	8	7	1
78-6120	Rod - Brake, Parking	11	4	1	79-0390	Guide - Belt	10	9	1
78-6143	Rod - Hydro Lever	13	4	1	79-0400	Guide - Belt	10	24	1
78-6201	Arm	4	26	1	79-0681	Panel - Rear	8	10	1
78-6641	Pulley, Eng.	9	36	1	79-0930	Decal - Control, Motion	13	6	1
78-6650	Pulley - Trans.	7	3	1	79-1070	Indicator W.A.	4	8	1
78-6771	Arm - Idler	10	22	1	79-1250	Pin - Clevis	10	13	1
78-6810	Plate	6	8	1	79-1590	Screw - Hex. Washer Hd.	5	22	2
78-6820	Tray	9	24	1	79-1790	Guide, Belt	9	38	1
78-6830	Shaft - Pedal	11	22	1	79-2590	Nut - Push On	1	23	2
78-6880	Assy. Trans.	7	20	1	83-2750	Fitting - Grease	2	2	2
78-6990	Clutch	9	41	1	83-2750	Fitting - Grease	11	14	2
78-7110	Engine E140V	9	3	1	5215-101-028	Assembly - Armature	15	2	1
78-7120	Washer	10	4	1	5215-101-004	Assembly - Field	15	4	1
78-7201	Arm - Trans	7	21	1	5215-101-001	Accessories - Nuts & Springs	15	3	3

## PRODUCT CHANGES

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

## IDENTIFICATION AND ORDERING

### MODEL AND SERIAL NUMBERS

The 200 Series Garden Tractors have 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 200 Series Garden Tractor, 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 200 Series Garden Tractor.
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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