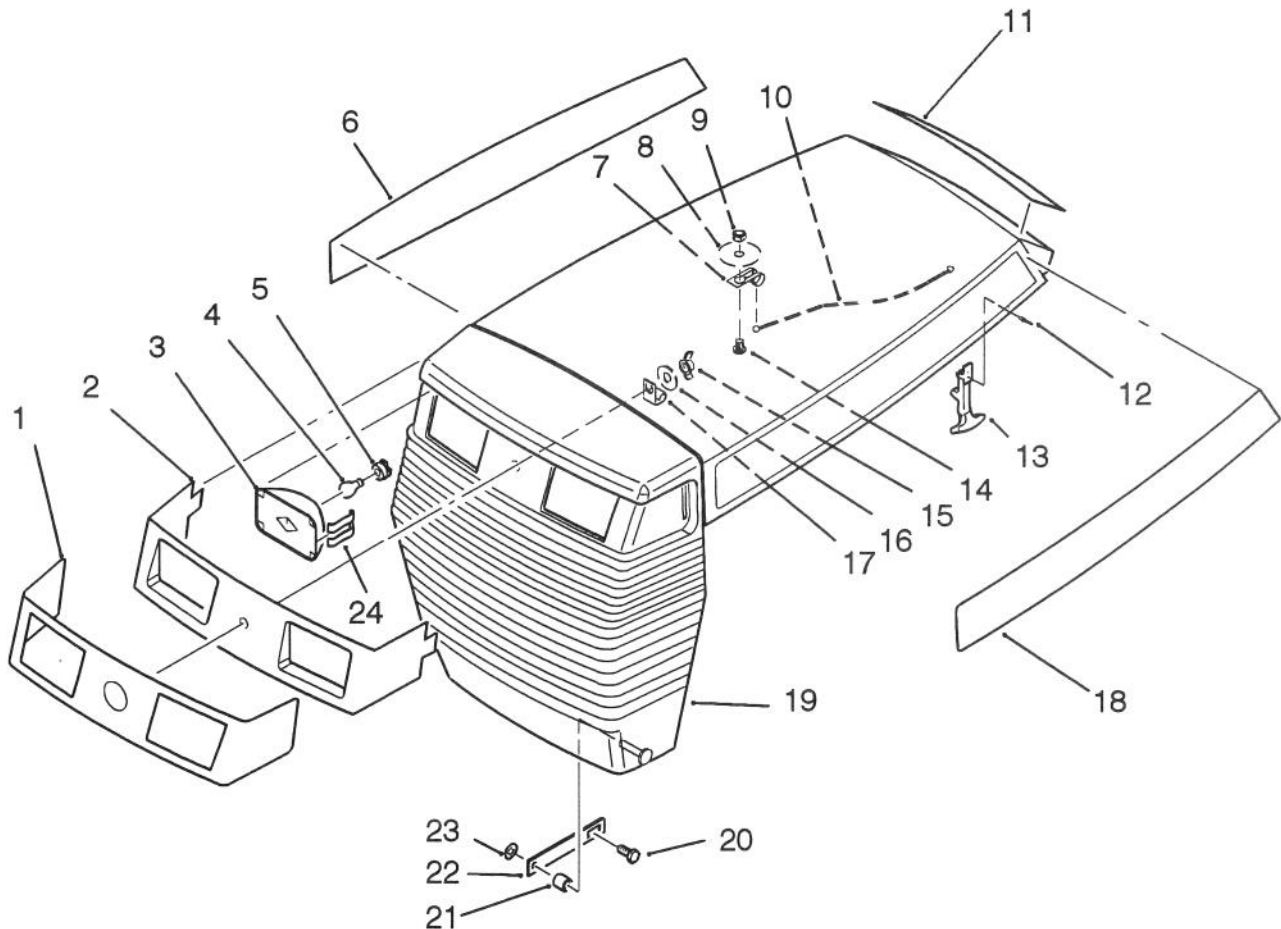


TORO®

MODEL NO 2214O502-2000001 & UP

**PARTS
CATALOG****WHEEL HORSE®
244-5 LAWN TRACTOR**

C-0824

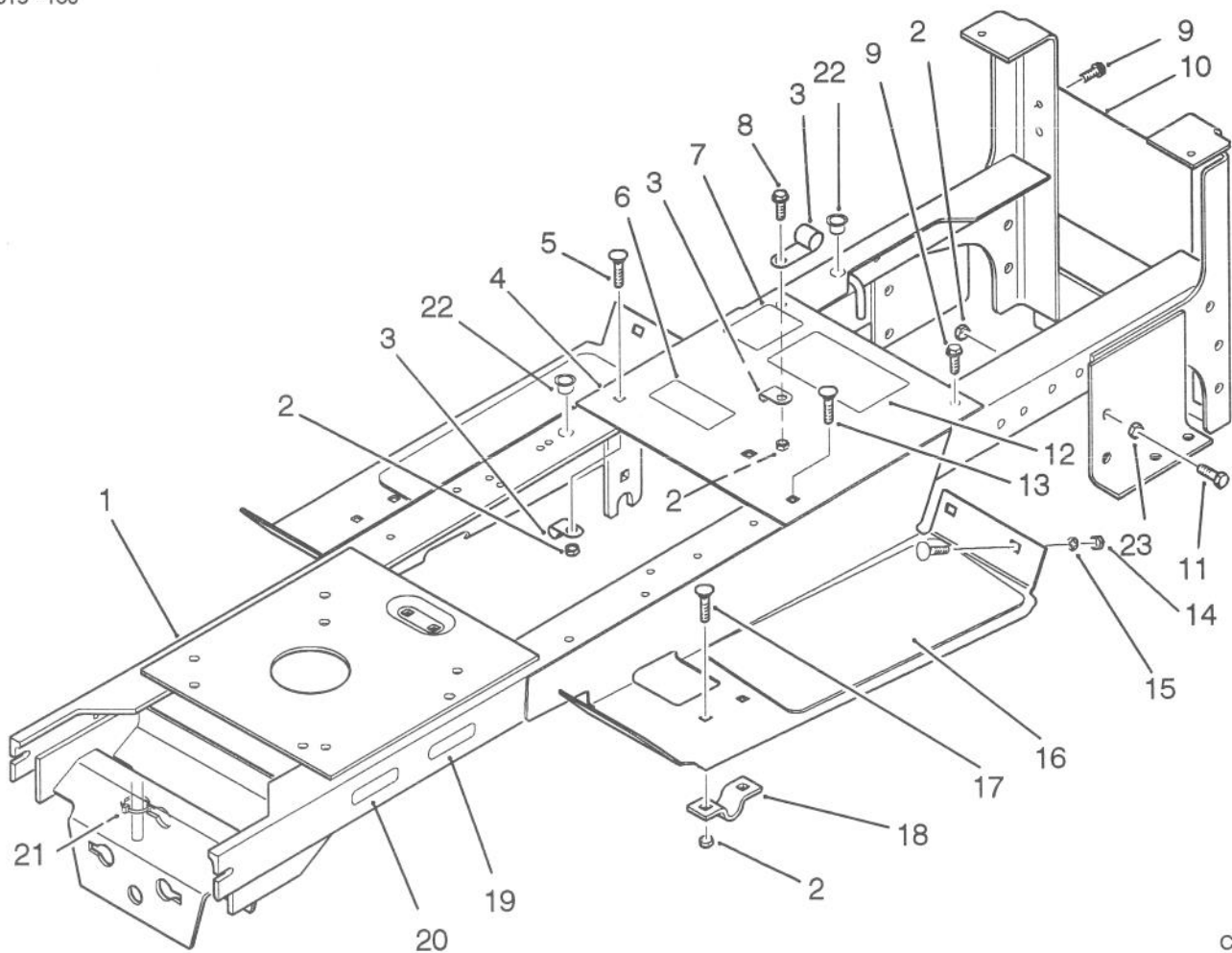
HOOD ASSEMBLY

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	79-4620	Decal - Hood, RH	1
7	115413	Clevis	1
8	112925	Washer - Backing	1
9	915741	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	78-8710	Screw	1

Ref. No.	Part No.	Description	No. Used
15	32103-19	Nut - Wing	1
16	103995	Washer	1
17	111392	Clip	1
18	79-4630	Decal - Hood, LH	1
19	79-3840	Hood	1
20	926694	Screw - 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

TPS

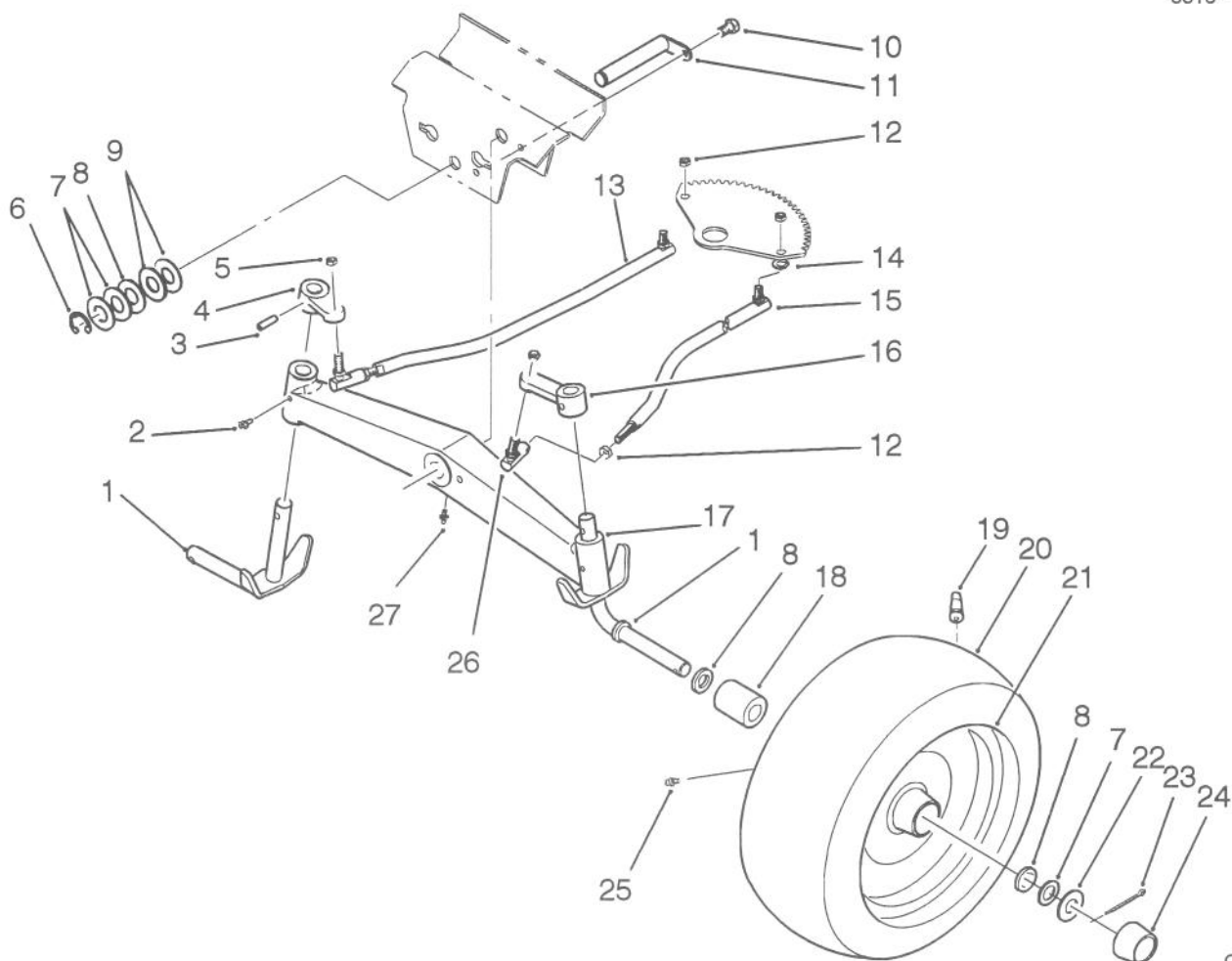


C-0831

MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	78-7293	Frame	1
2	3296-29	Nut	10
3	100729	Clip	3
4	78-1130	Panel	1
5	900038	Bolt - Carriage	1
6	79-0370	Decal - Danger	1
7	79-0120	Decal - Parking	1
8	926697	Screw - Hex. Washer Hd.	1
9	926694	Screw - Hex. Hd.	3
10	79-0681	Panel - Rear	1
11	322-7	Screw - Hex. Hd.	1
12	112670	Decal - Danger	1

Ref. No.	Part No.	Description	No. Used
13	900215	Bolt - Carriage	3
14	3217-6	Nut	4
15	3254-23	Washer - Lock	4
16	110636	Pad - Footrest	2
17	900379	Bolt - Carriage	1
18	106288	Clamp - Shaft	2
19	115197	Decal - Attach-A-Matic	1
21	100571	Cable Tie	2
20	79-6730	Decal - Belt Installations	1
22	79-4050	Bushing	2
23	3218-2	Nut	2

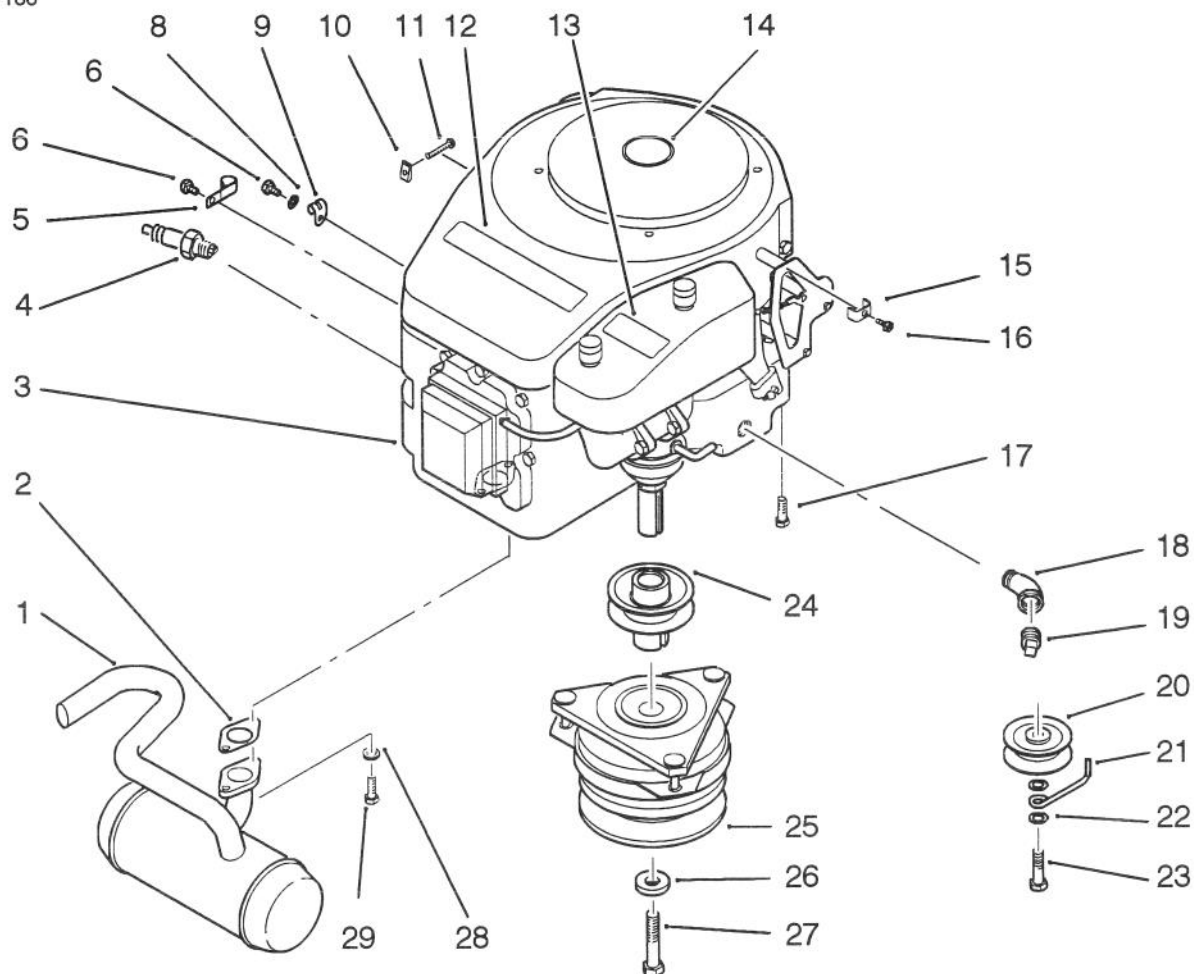


C-0825

FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	78-2601	Spindle	2	19	5108	Valve - Tire, Tubeless	2
2	83-2750	Fitting - Grease	2	20	117127	Tire	2
3	933270	Pin - Roll	2	21	78-1680	Rim - Wheel	2
4	78-1940	Arm - Spindle, R.H.	1	22	111952	Washer - Wheel	4
5	915085	Nut	2	23	3272-17	Pin - Cotter	2
6	5618	Ring - Retaining	1	24	111951	Cap - Hub	2
7	5210	Washer - Shim	A/R	25	109500	Fitting - Grease	2
8	1278	Washer	A/R	26	78-2920	Ball Joint	2
9	920232	Washer	2	27	1481	Fitting - Grease	1
10	926715	Screw - Hex. Hd.	1	*	78-8450	Assy. - Link, Steering R.H. (Incl. Ref. #5, 12 & 13)	1
11	115484	Pin W.A. - Axle	1	*	78-8460	Assy. - Link, Steering L.H. (Incl. Ref. #5, 12 & 15)	1
12	915002	Nut	4	*	78-1650	Assy. - Wheel/Tire (Incl. Ref. #18-21 & 25)	2
13	78-5801	Assy. Ball Joint, R.H.	1	*	78-1660	Assy. - Wheel (Incl. Ref. #18, 19, 21 & 25)	2
14	920038	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				

*Not Illustrated

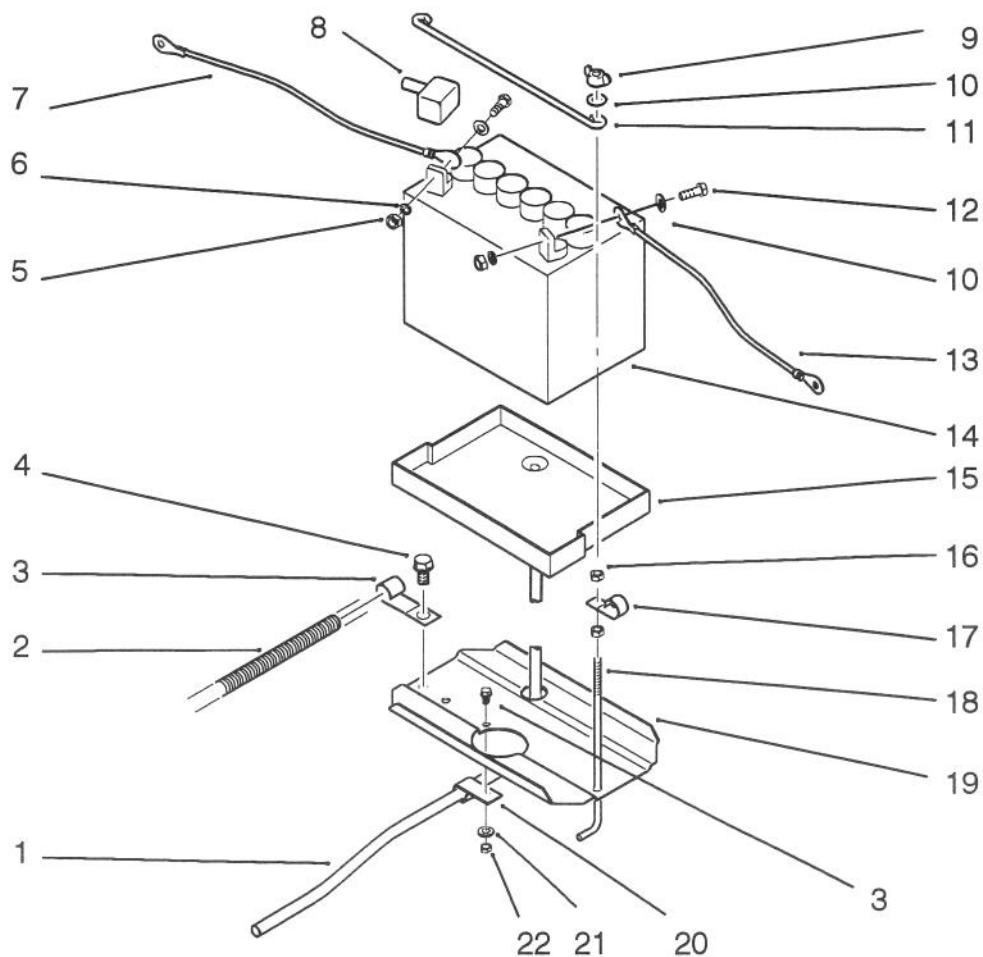


C1104

ENGINE AND CLUTCH 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	111392	Clip	1
6	118060	Screw	A/R
8	3253-3	Washer	1
9	115413	Clevis	1
10	111392	Clip	1
11	113114	Screw	1
12	118600	Decal - Power Plus	1
13	78-8740	Decal - 14.0	1
14	120040	Decal - Toro	1
15	11688	Clamp	1

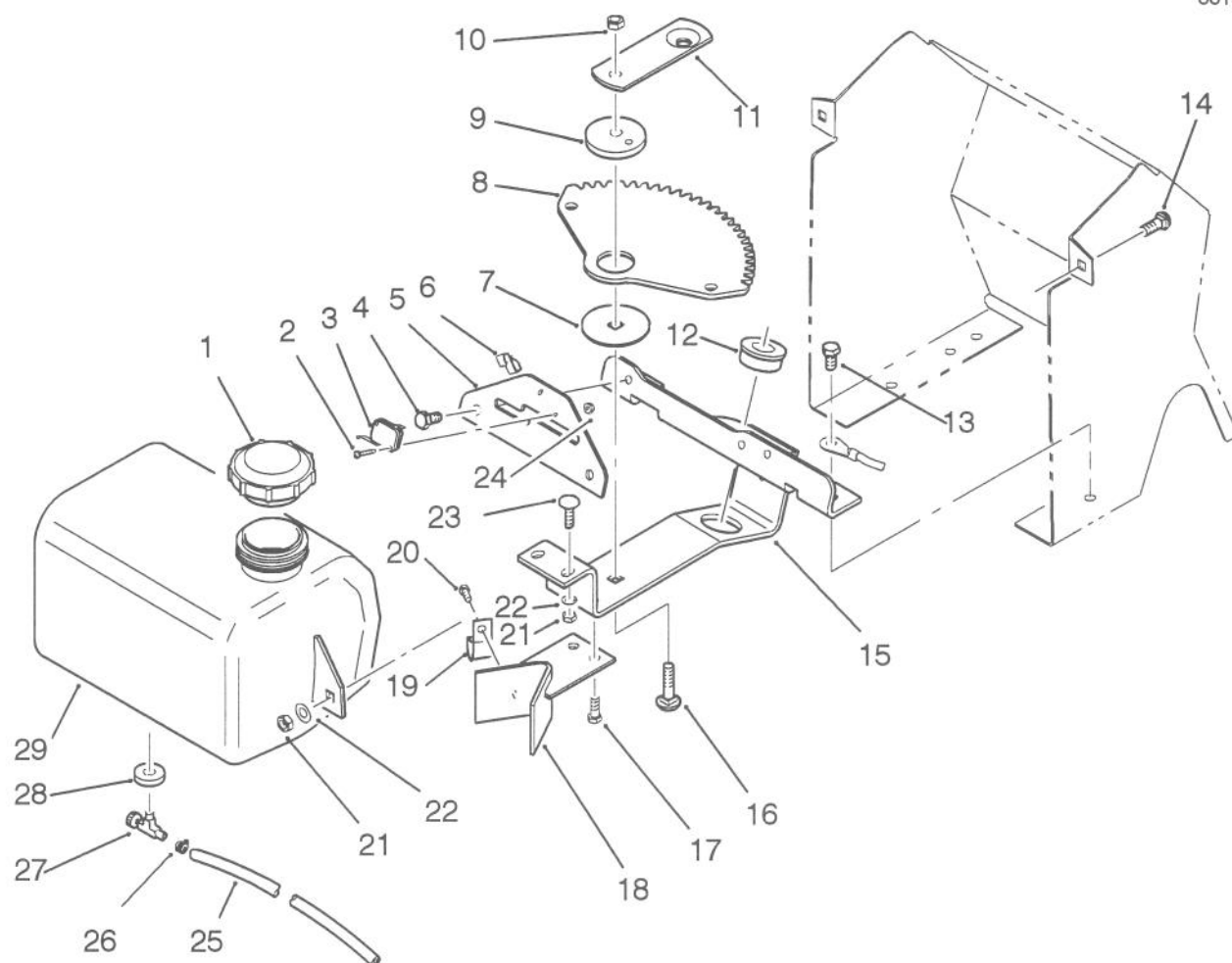
Ref. No.	Part No.	Description	No. Used
16	926566	Screw	1
17	926696	Screw - Hex Hd	5
18	943083	Elbow - Street	1
19	NN10682	Plug	1
20	110370	Pulley, Idler	1
21	79-1790	Guide, Belt	1
22	3256-24	Washer	2
23	908037	Screw - Hex. Hd	1
24	78-6641	Pulley, Eng.	1
25	78-6990	Clutch	1
26	112843	Washer	1
27	115203	Screw - Hex. Hd.	1
28	3253-4	Washer - Lock	2
29	113113	Screw - Hex. Hd.	3



C-1105

BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	114720	Tube - Drain, Battery	1	12	321-4	Screw - Hex. Hd.	2
2	79-5010	Wire Harness	1	13	112757	Wire - Negative	1
3	8830	Clip	1	14	104962	Battery	1
4	926720	Screw - Hex. Wash.Hd.	1	15	106948	Tray	1
5	3217-5	Nut	2	16	915111	Nut	2
6	3253-3	Washer - Lock	2	17	105490	Clip	1
7	111076	Wire - Positive	1	18	109547	Hook - Battery	1
8	109553	Boot - Battery	1	19	78-6820	Plate Battery	1
9	32103-22	Nut - Wings	2	20	3256-22	Washer	1
10	3256-22	Washer	4	21	3296-42	Screw	1
11	117316	Rod - Hold Down	1	22	3296-42	Nut	1

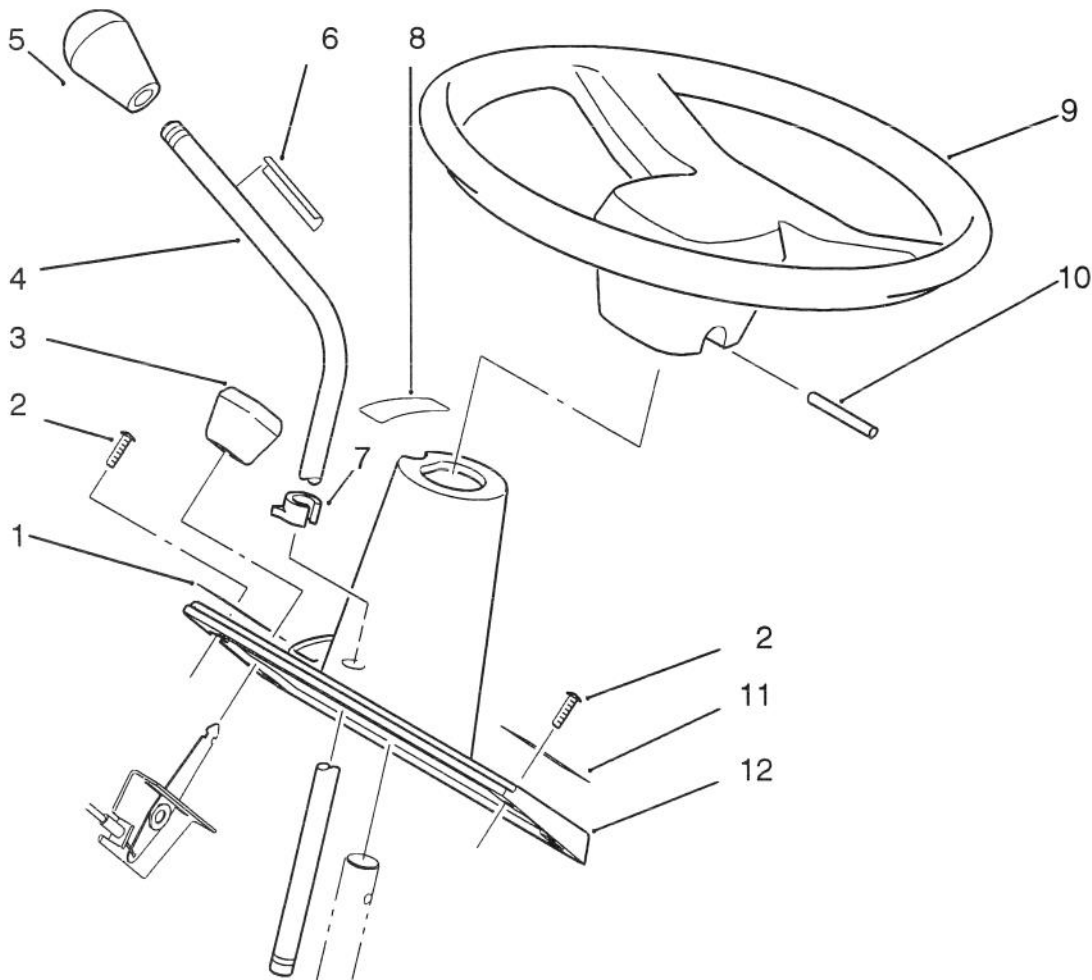


C-0836

FUEL TANK AND STEERING BRACKET ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111474	Cap - Gas	1	17	926720	Screw	2
2	910948	Screw	2	18	78-2491	Stop	1
3	115230	Switch - Clutch	1	19	8830	Clip	3
4	926720	Screw	2	20	926720	Screw - Hex. Washer Hd.	1
5	78-8165	Plate	1	21	3296-29	Nut	4
6	519337	Clip	1	22	3256-23	Washer	4
7	111419	Washer - Bearing	1	23	906215	Bolt - Carriage	2
8	78-2610	Sector - Gear	1	24	915732	Nut	2
9	111418	Bushing	1	25	79-3130	Hose - Fuel Line	1
10	108886	Nut	1	26	2412-98	Clamp - Hose	2
11	78-9190	Plate	1	27	104048	Valve - Fuel	1
12	110391	Bearing - Wheel	1	28	104047	Bushing	1
13	926694	Screw	2	29	111473	Tank - Fuel	1
14	3230-23	Bolt - Carriage	2	*	112153	Assy. - Tank, Fuel (Incl. Ref. #27-29)	1
15	78-1193	Bracket - Steering	1				
16	3231-28	Bolt - Carriage	1				

*Not Illustrated

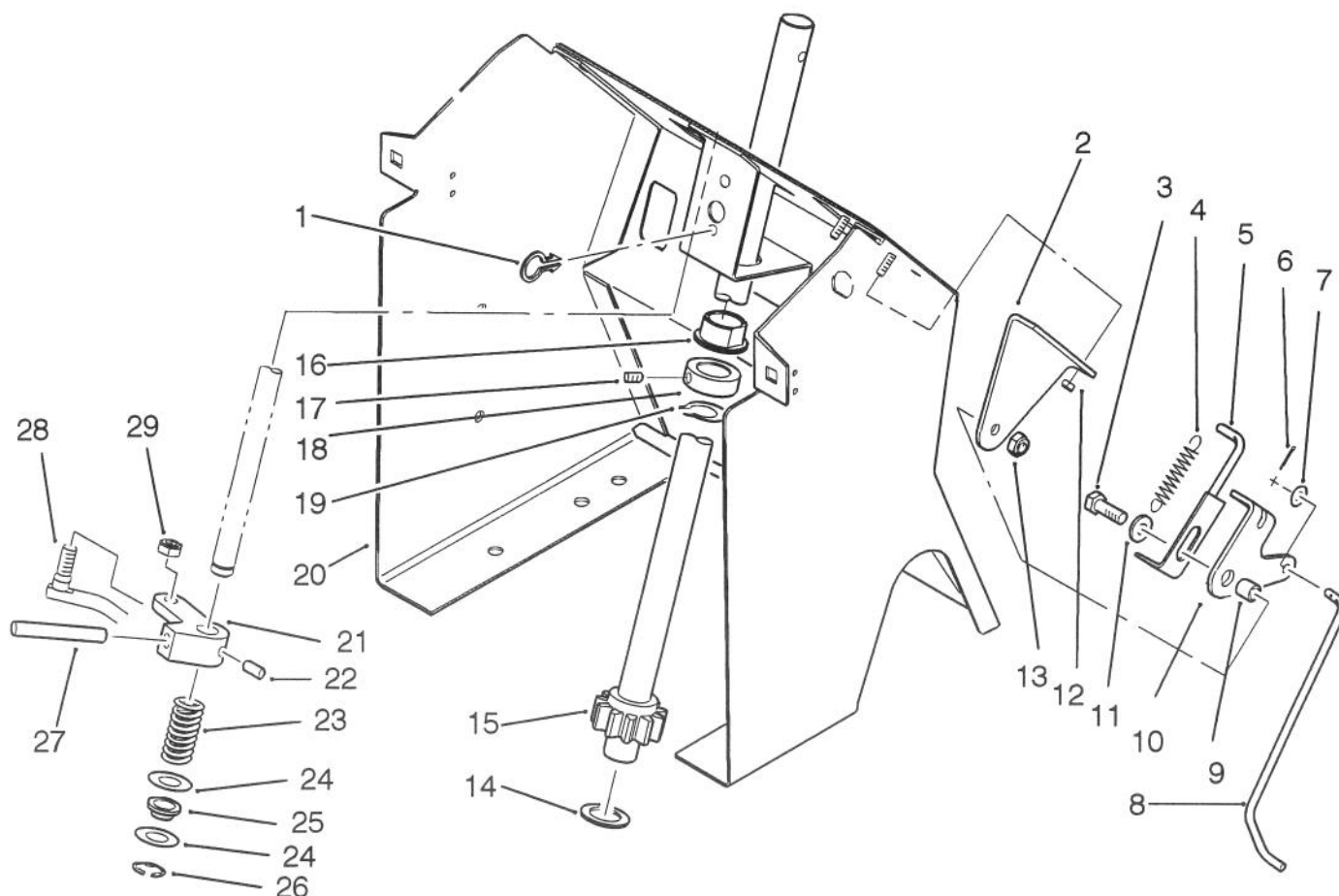


C-0858

STEERING WHEEL AND CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	79-5400	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

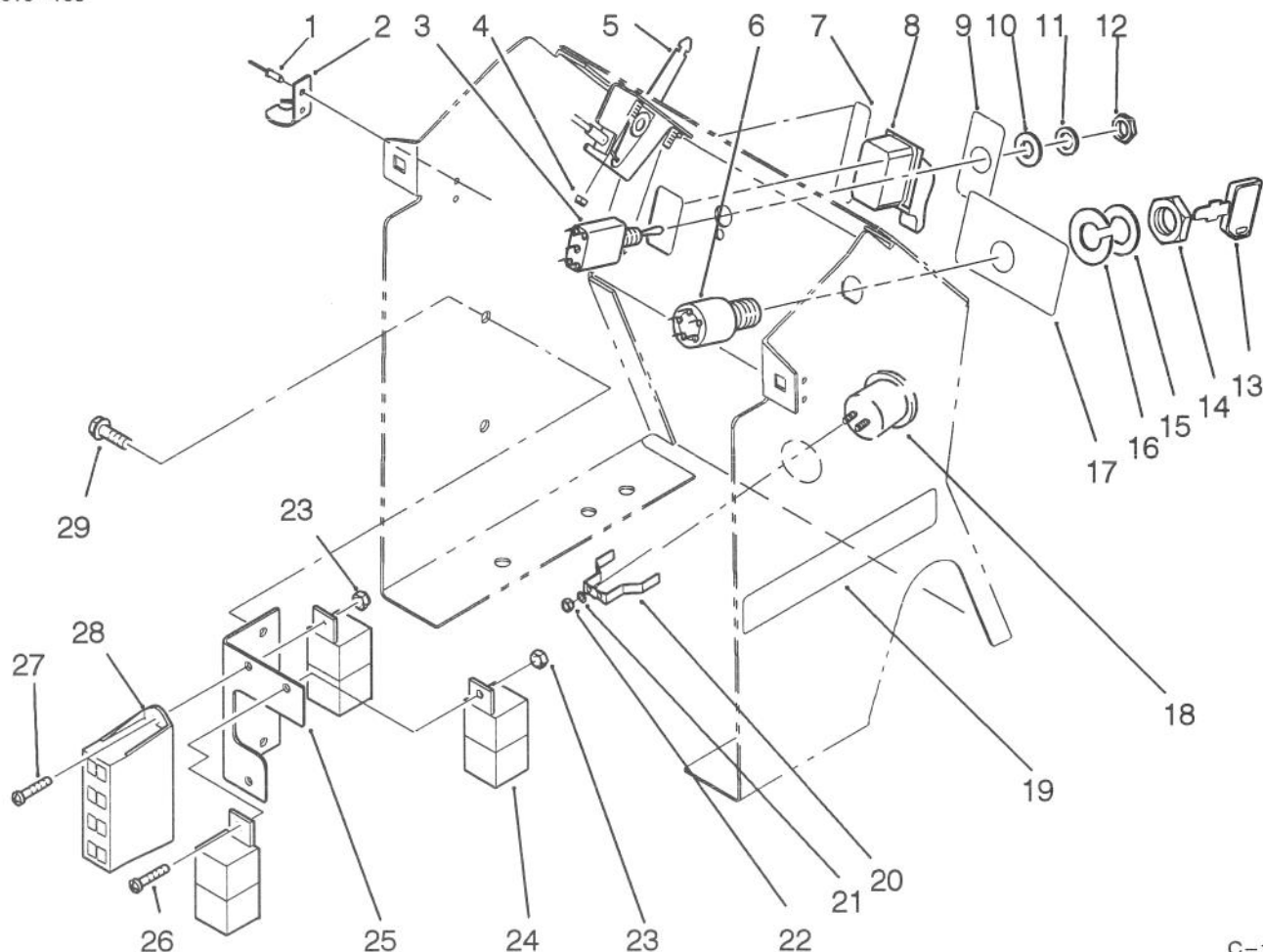
Ref. No.	Part No.	Description	No. Used
7	113025	Pointer	1
8	78-7942	Decal - 5 Speed, Motion	1
9	78-3100	Wheel - Steering	1
10	933221	Pin - Roll	1
11	78-8371	Decal - Height of Cut	1
12	78-5980	Console	1



C-1069

STEERING SHAFT AND INDICATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	115858	Clip - Snap On	1	16	111383	Collar	1
2	915740	Nut	2	17	3245-32	Screw - Set	1
3	321-4	Screw - Hex Hd	1	18	109189	Bearing	1
4	78-9750	Spring - Extension	1	19	111646	Grip Ring	1
5	79-1070	Indicator W.A.	1	20	78-2391	Hood Stand	1
6	932000	Pin - Cotter	1	21	78-6201	Arm	1
7	3256-14	Washer	1	22	933275	Pin - Roll	1
8	78-2100	Rod - Indicator	1	23	78-8730	Spring - Compression	1
9	78-9481	Spacer	1	24	3765	Washer - Shim	2
10	78-7901	Retainer - Indicator	1	25	5666	Bushing - Nyliner	1
11	3256-22	Washer	1	26	32151-84	Ring - Retaining	1
12	78-7911	Support - Indicator	1	27	933233	Pin - Roll	1
13	3296-42	Nut	1	28	78-7220	Assy., Rod, Control	1
14	1278	Washer	1	29	3296-29	Nut	3
15	78-8130	Shaft - Steering	1				

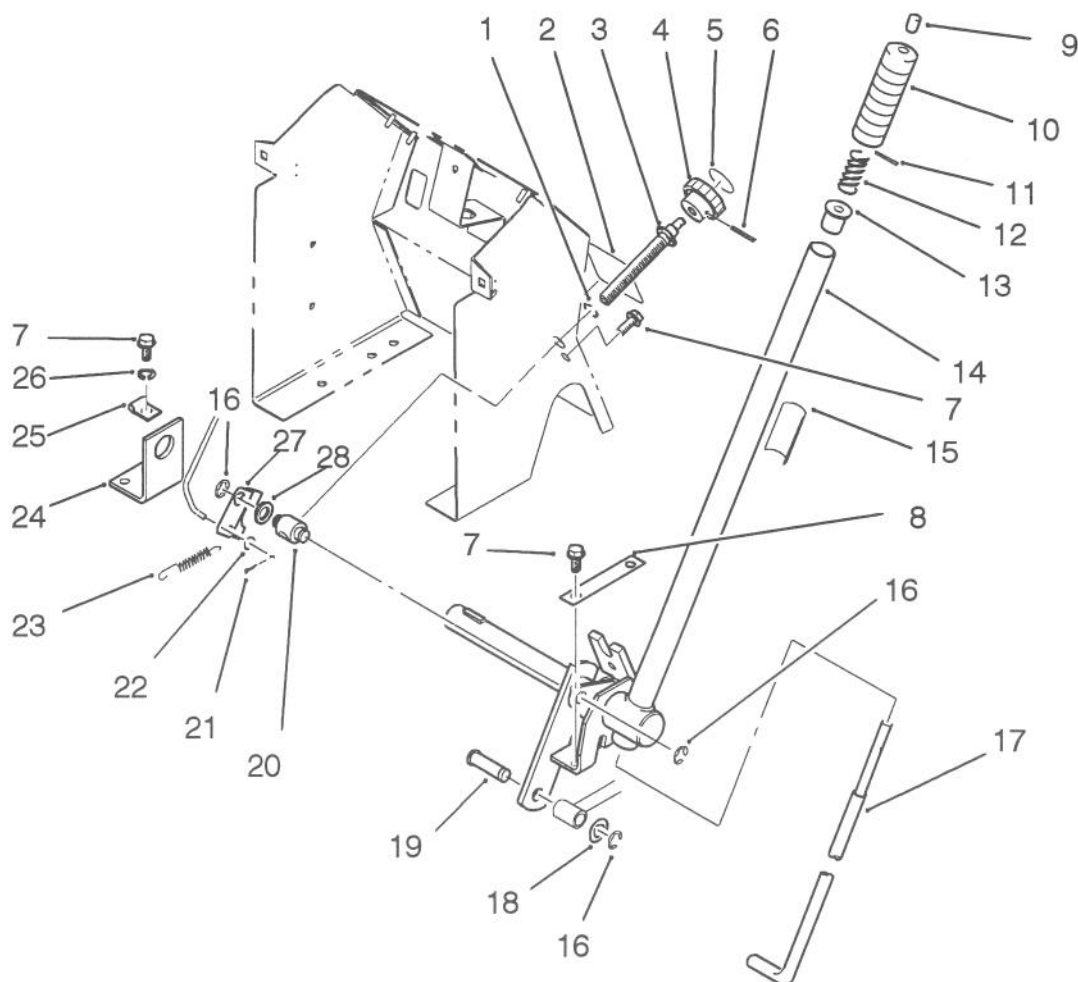


C-1085

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	915740	Nut	2
5	79-3330	Control - Throttle	1
6	116338	Switch - Ignition, Assembly (Incl. Ref #6 & 13-17)	1
7	78-8440	Decal PTO	1
8	78-3030	PTO Switch & Handle	1
9	78-8490	Decal	1
10	102250	Washer	1
11	920259	Washer	1
12	113179	Nut - Face	1
13	116738	Key	1
14	101884	Nut	1

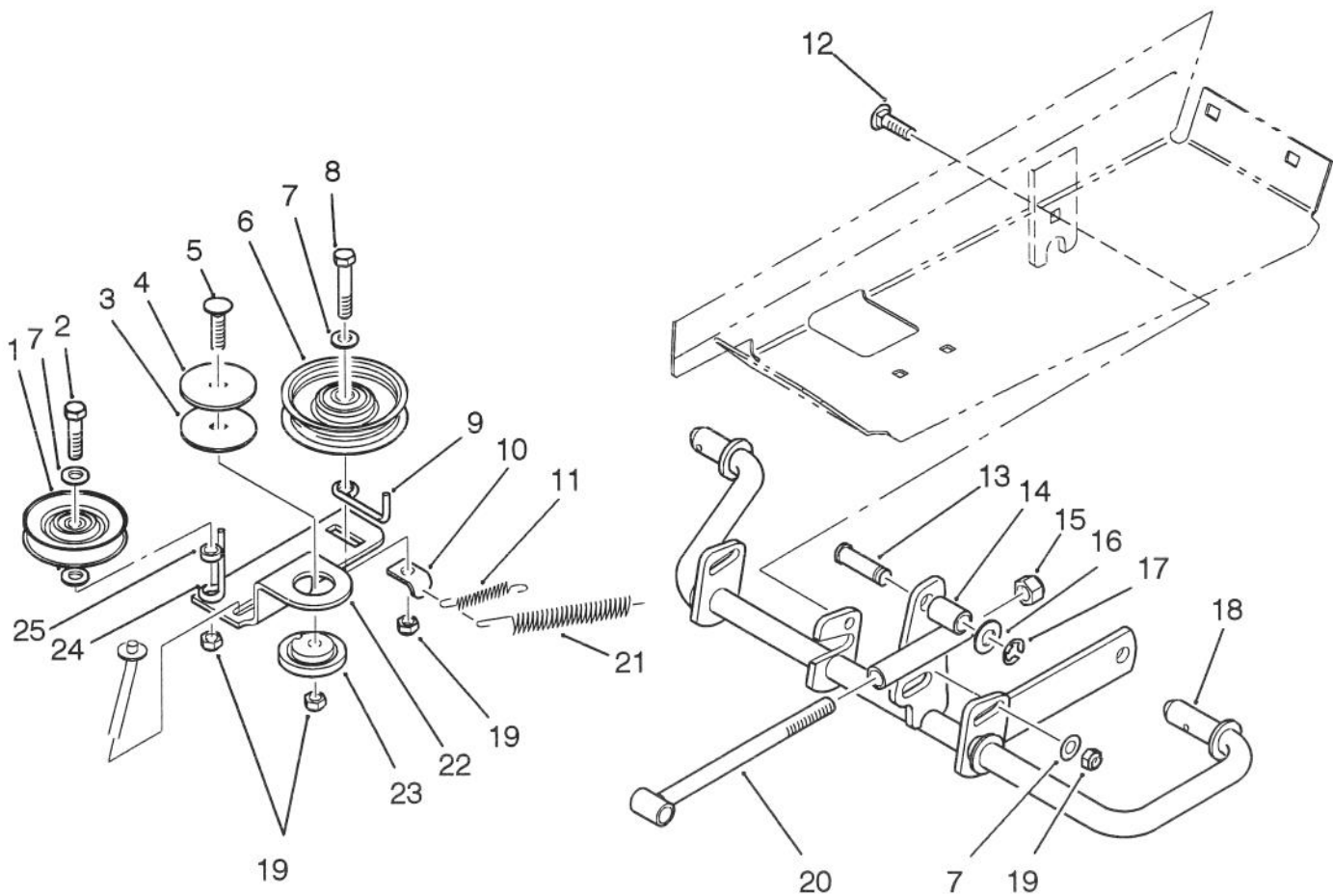
Ref. No.	Part No.	Description	No. Used
15	920262	Washer	1
16	920160	Washer - Lock	2
17	78-8480	Decal - Ignition	1
18	78-0021	Meter - Hour	1
19	117512	Decal - 5 Speed	2
20	78-3320	Bracket - Hour Meter	1
21	3296-29	Washer	2
22	915564	Nut	2
23	915740	Nut	3
24	116397	Relay	3
25	75-5030	Bracket - Holder, Fuse	1
26	3250-14	Screw - Hex. Hd.	2
27	910796	Screw - Pan Head	4
28	120930	Holder - Fuse	1
29	79-1590	Screw - Hex. Washer Hd.	2



C-0829

LIFT BAR LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	920259	Washer	1	15	112168	Decal - Lift	1
2	79-6780	Decal	1	16	32120-47	Ring - Retaining	3
3	78-2151	Rod	1	17	106257	Rod - Latch, Lift	1
4	115593	Knob	1	18	3256-26	Washer	2
5	78-9740	Decal - H.O.C. Knob	1	19	78-1250	Pin	1
6	933141	Pin - Roll	1	20	78-2140	Trunnion	1
7	926720	Screw - Hex. Washer Hd.	5	11	932000	Pin - Cotter	1
8	78-6810	Plate	1	21	3256-14	Washer	1
9	105316	Cap - Rod, Plunger	1	23	116792	Spring	1
10	6542	Grip - Handle	1	24	78-1310	Bracket	1
11	933148	Pin - Roll	1	25	100729	Clip	1
12	3624	Spring - Compression	1	26	920123	Washer - Lock	1
13	8130	Retainer - Spring	1	27	78-3180	Plate	1
14	78-2090	Handle	1	28	920263	Washer	1

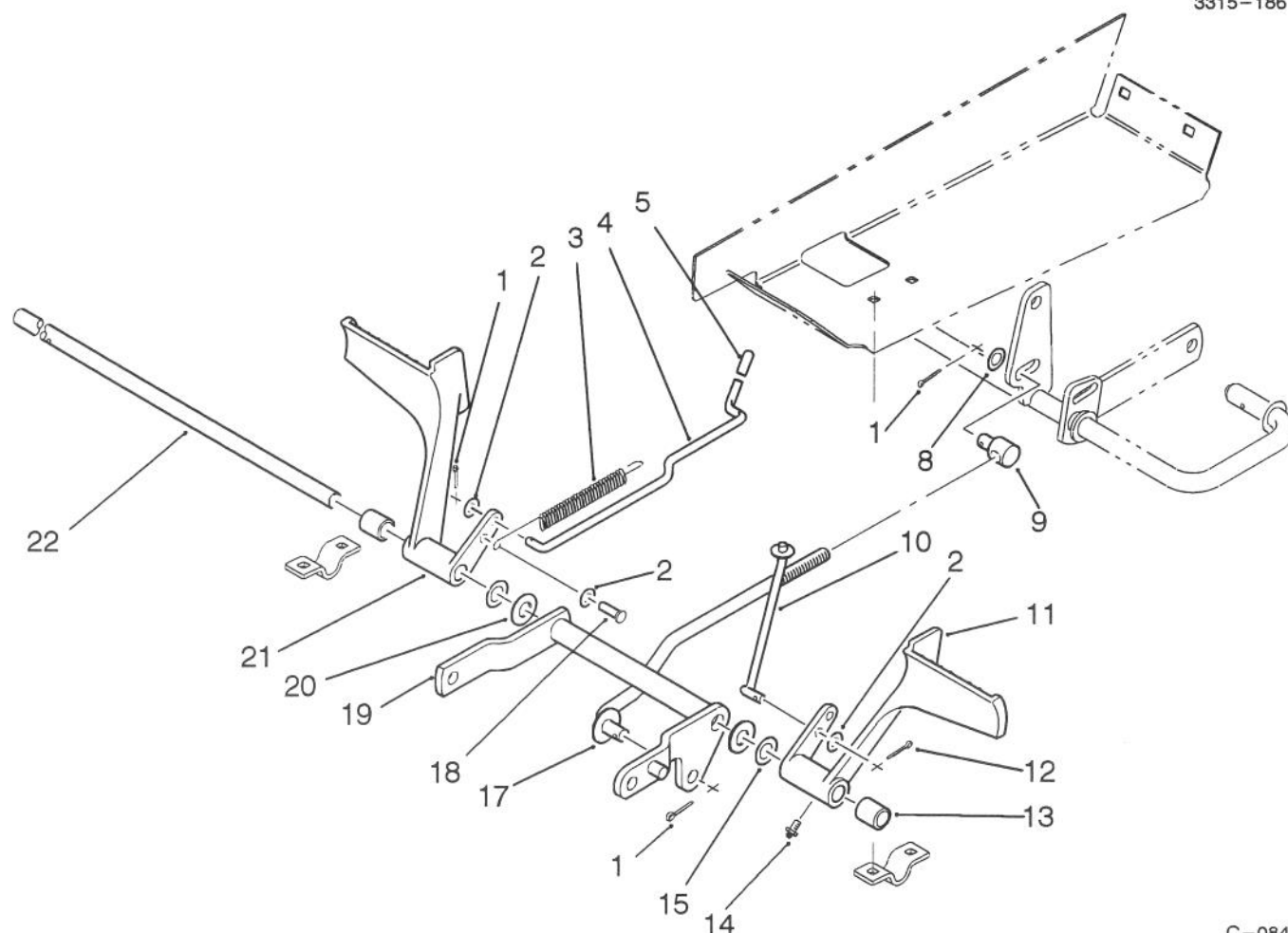


C-0833

IDLER AND PEDAL SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	1623	Pulley - Idler	1
2	908036	Screw - Hex. Hd.	1
3	111419	Washer - Bearing	1
4	78-7120	Washer	1
5	3231-4	Bolt - Carriage	1
6	112425	Pulley - Idler, Flat	1
7	3256-24	Washer - Flat	5
8	323-10	Screw - Hex. Hd.	1
9	79-0390	Guide - Belt	1
10	2534	Clip - Spring	1
11	107788	Spring - Extension	1
12	3231-28	Bolt - Carriage	2
13	79-1250	Pin - Clevis	2

Ref. No.	Part No.	Description	No. Used
14	78-7390	Link	1
15	3296-23	Nut	1
16	3256-26	Washer - Flat	1
17	32120-47	Ring - Retaining	1
18	79-3401	Shaft	1
19	3296-39	Nut	5
20	78-7360	Rod	1
21	111446	Spring	1
22	78-6771	Arm - Idler	1
23	111418	Bushing	1
24	79-0400	Guide - Belt	1
25	104525	Spacer	1

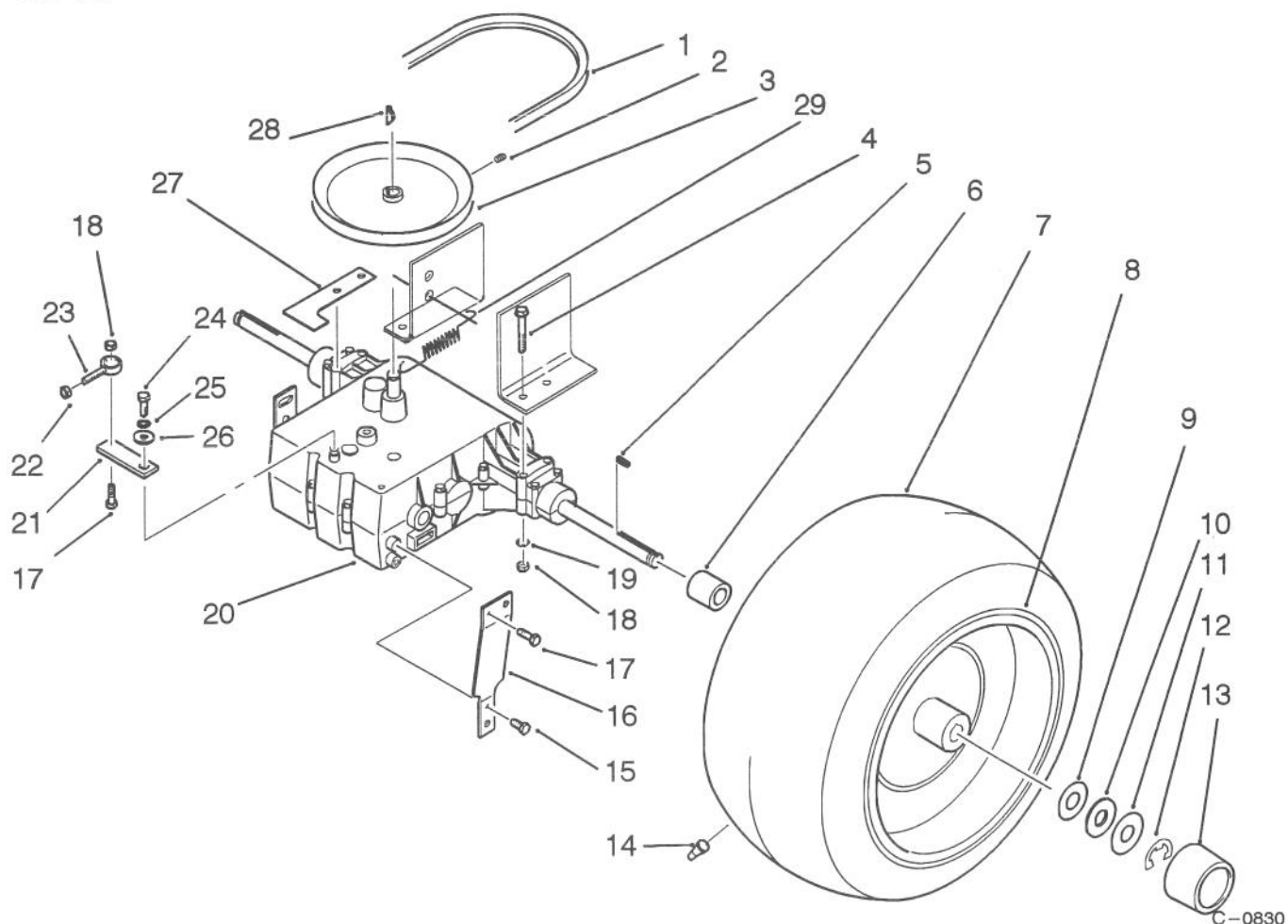


C-0843

BRAKE AND CLUTCH PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272-6	Pin - Cotter	3
2	3296-23	Washer - Flat	4
3	78-9200	Spring - Brake	1
4	78-6120	Rod - Brake, Parking	1
5	111439	Grip - Rod	1
8	3256-26	Washer - Flat	1
9	8870	Trunnion	1
10	78-9730	Rod - Clutch	1
11	78-8180	Pedal - Clutch	1
12	3272-6	Pin - Cotter	2

Ref. No.	Part No.	Description	No. Used
13	110015	Spacer	2
14	83-2750	Fitting - Grease	2
15	111712	Washer - Wave	1
17	78-2431	Rod	1
18	932957	Pin - Clevis	1
19	78-2112	Arm	1
20	920215	Washer - Flat	4
21	117234	Pedal - Brake	1
22	78-6831	Shaft - Pedal	1



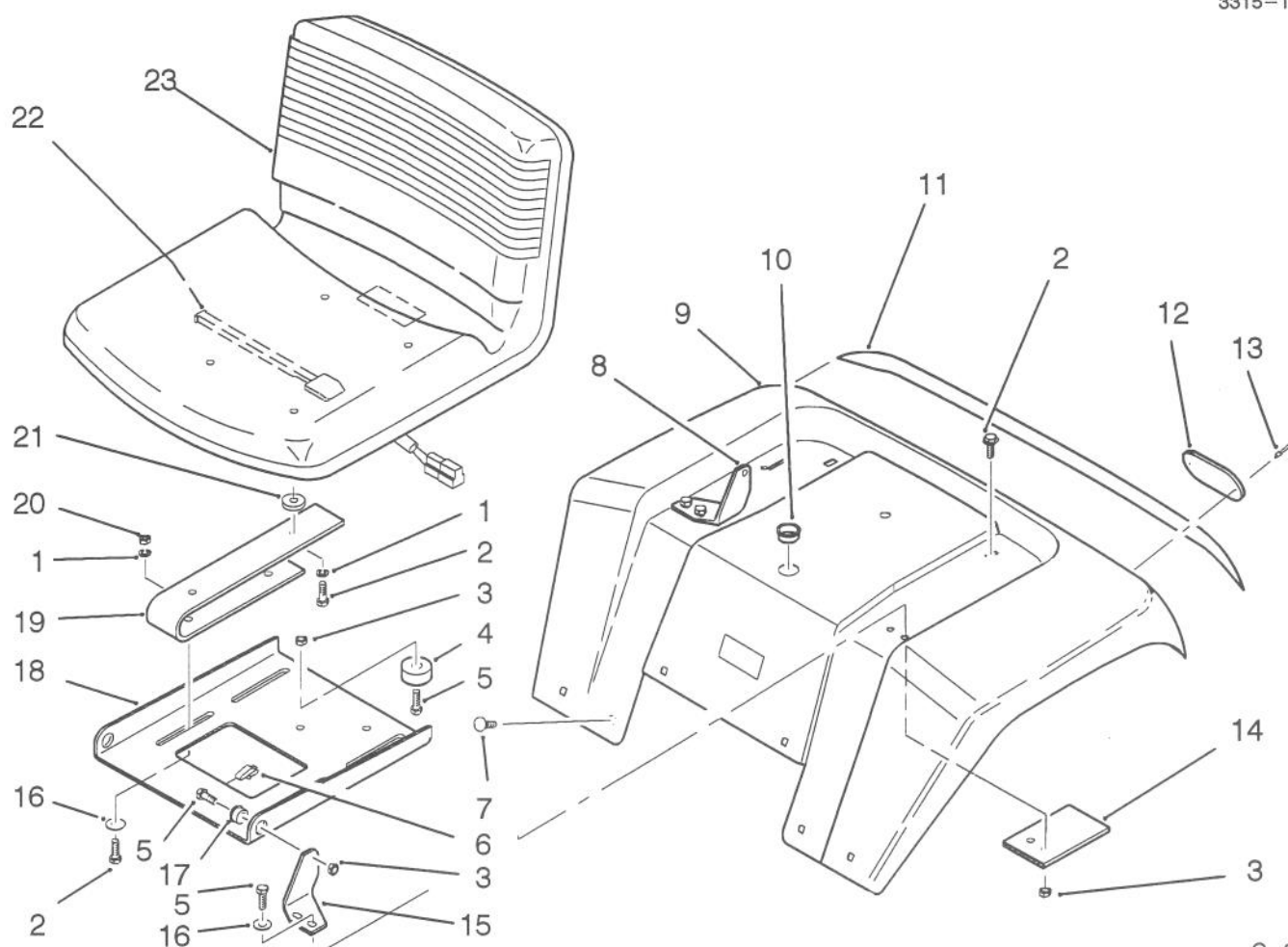
C-0830

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	322-13	Screw - Hex. Washer Hd.	4
5	1120	Key - Square	2
6	110387	Spacer - Axle	2
7	78-1260	Tire	2
8	110877	Rim	2
9	1278	Washer	2
10	5210	Washer - Shim	2
11	109114	Washer - Wheel	2
12	32151-48	Ring - Retaining	2
13	109154	Cap - Hub	2
14	5108	Valve - Tire, Tubeless	2
15	926720	Screw - Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
16	78-1800	Strap	2
17	322-5	Screw - Hex. Hd.	5
19	3256-23	Washer	4
20	78-6880	Assy. Transmission	1
21	78-7201	Arm - Transmission	1
22	915084	Nut	1
23	115575	Ball End	1
24	329-5	Screw - Hex. Hd.	1
25	3253-3	Washer - Lock	1
26	104869	Washer	1
27	78-7673	Stop - Brake	1
28	937225	Key, Hi-Pro	1
29	116792	Spring	1
*	78-1250	Wheel & Tire Assy. (Incl. Ref. #7, 8 & 14)	2

*Not Illustrated



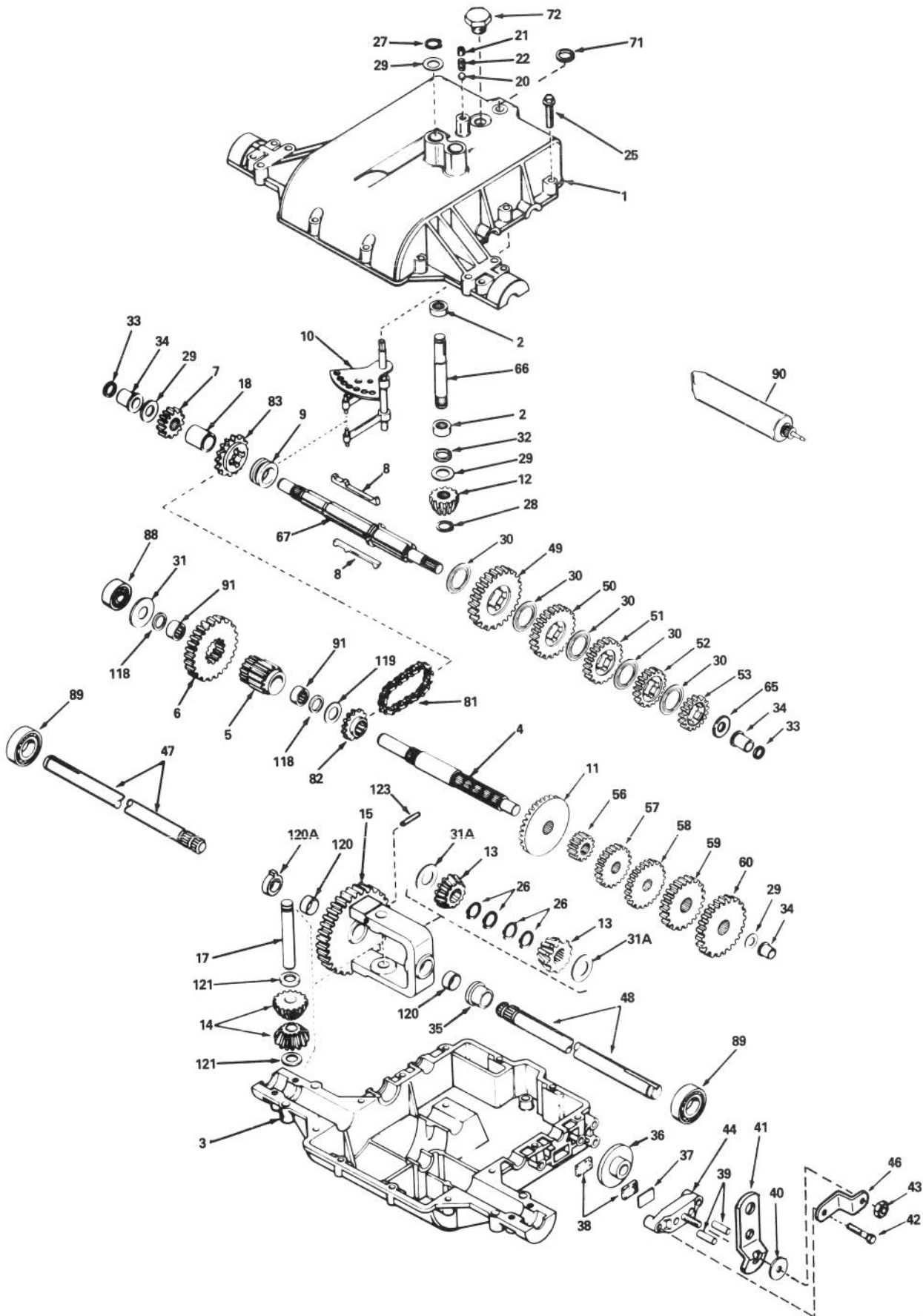
C-0826

FENDER AND SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3253-4	Washer - Lock	8
2	322-4	Screw - Hex. Hd.	10
3	915662	Nut	8
4	111071	Bumper	2
5	322-5	Screw - Hex. Hd.	8
6	111392	J-Clip	2
7	3220-23	Bolt - Carriage	13
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	3256-23	Washer	6
17	105503	Bushing	2
18	113852	Plate - Pivot, Seat	1
19	112837	Spring - Seat	2
20	3217-6	Nut	4
21	109989	Spacer - Nylon	4
22	38-1420	Switch - Seat	1
23	78-9160	Seat	1

TRANSAXLE PEERLESS MODEL NO. 801-062



C-0845

TRANSAXLE PEERLESS MODEL NO. 801-062

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

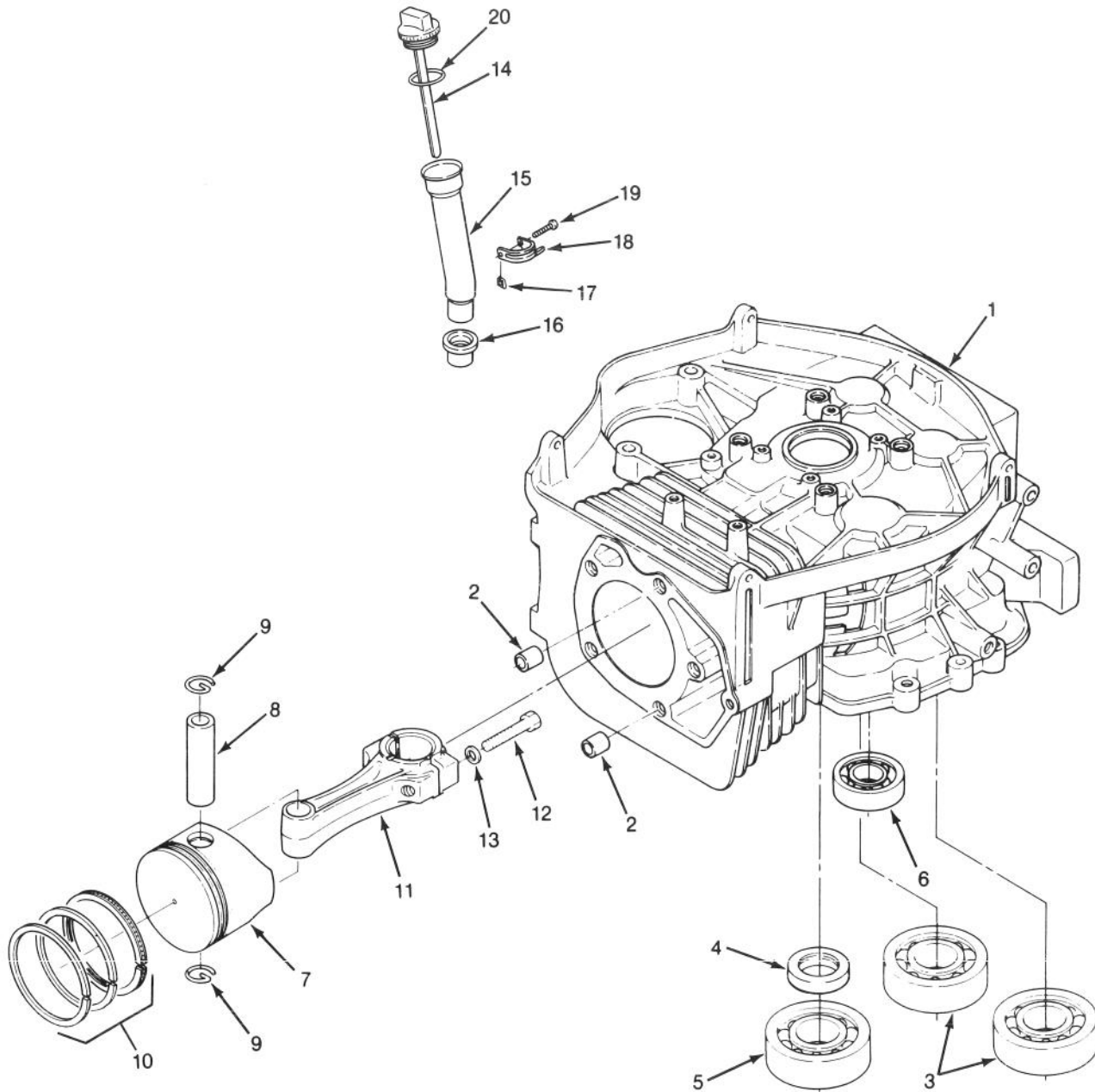


Figure 9-2 Engine Cylinder Block

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

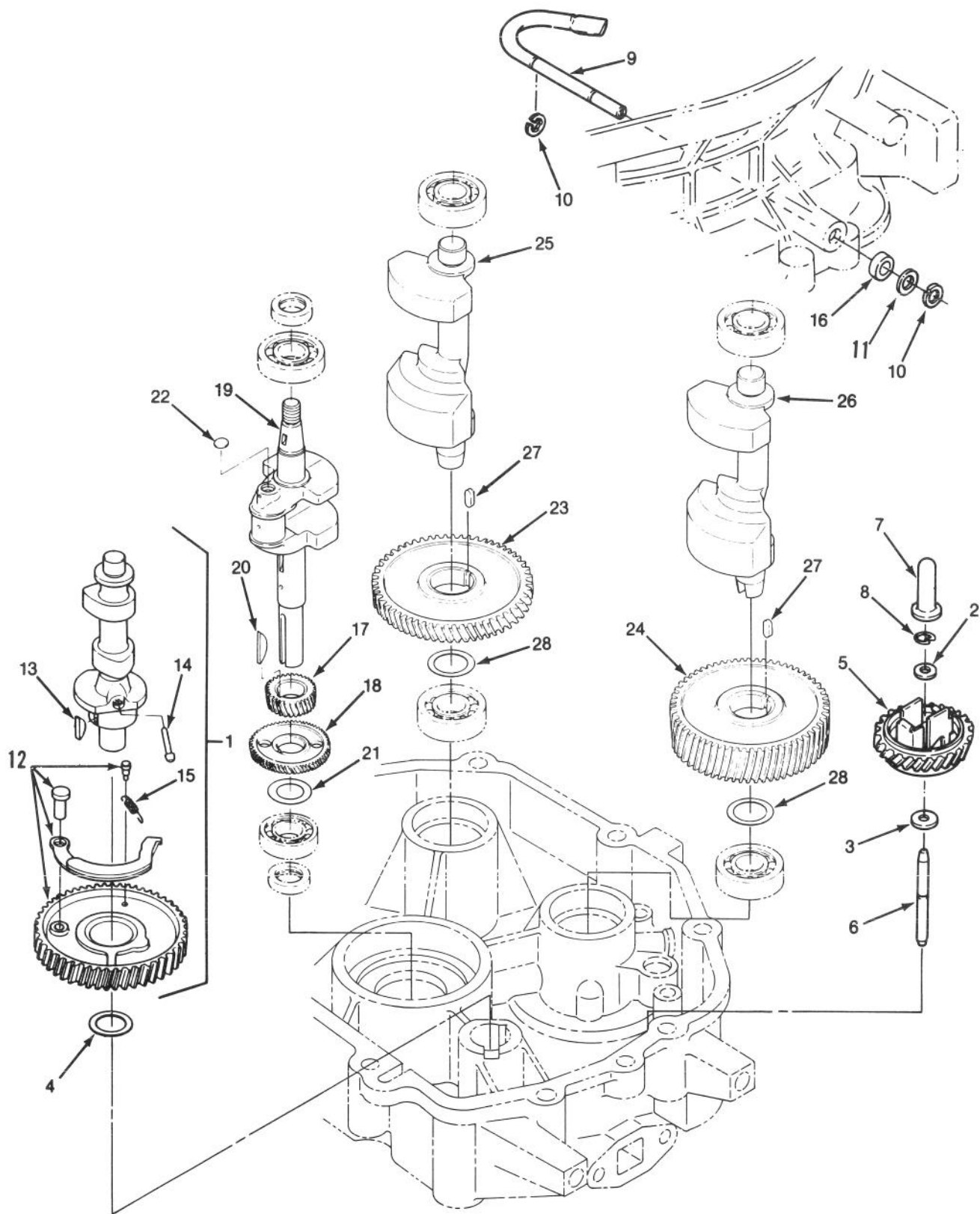


Figure 9-3 Crankshaft & Camshaft

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

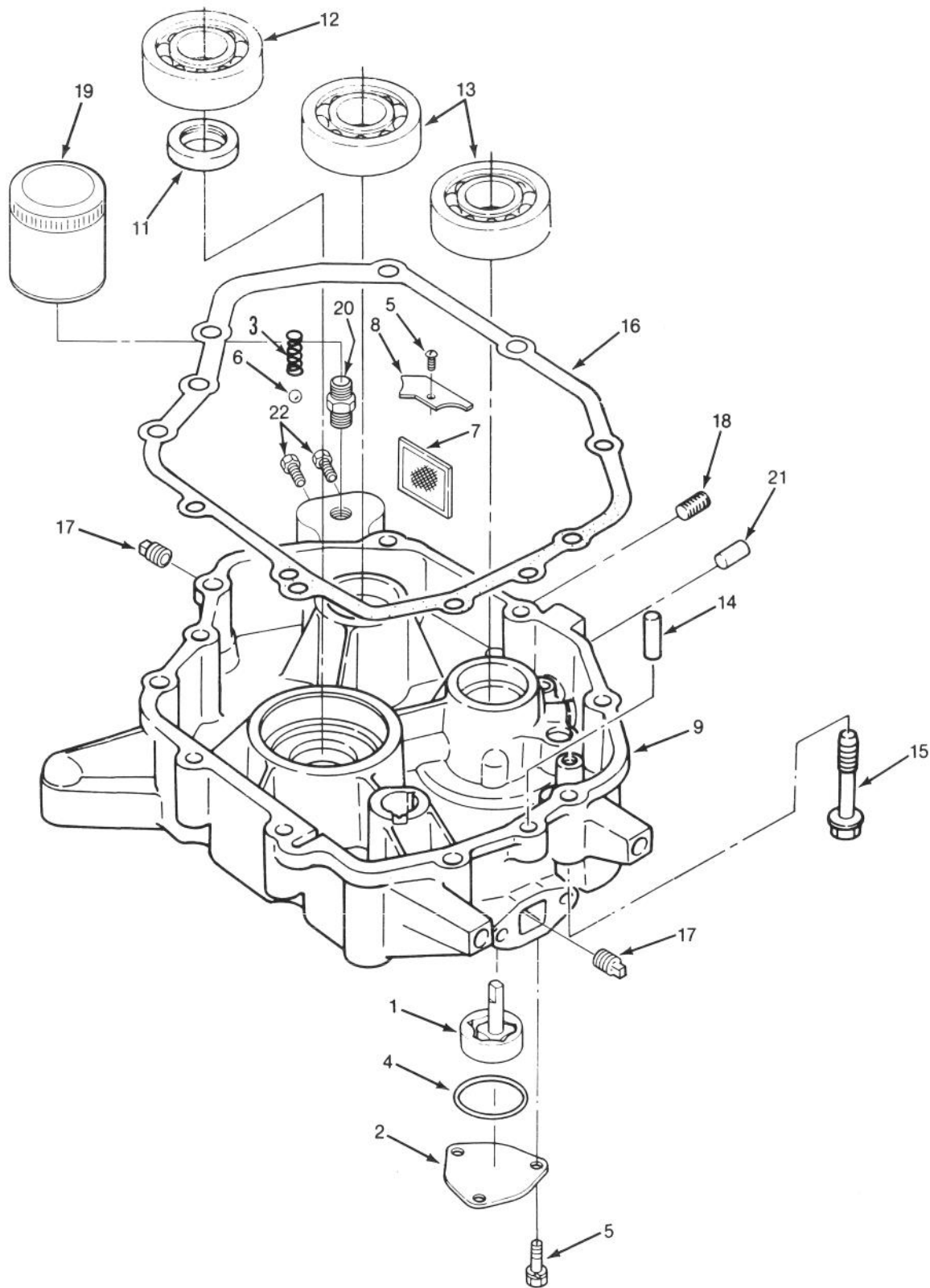


Figure 9-4 Oil Base and Oil Pump

14HP ENGINE OIL BASE & PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	NN10572	Pump – Oil	1	13	NN10678	Bearing – Balancer Shaft (Lower)	1
2	NN10573	Cover	1	14	NN10679	Pin	2
3	NN10574	Spring – Valve	1	15	NN10680	Bolt – Special	9
4	NN10575	Seal – O–Ring	1	16	NN10681	Gasket	1
5	NN10576	Screw	4	17	NN10682	Plug – Square Hd.	2
6	NN10534	Ball	1	18	NN10683	Plug	1
7	NN10577	Screen	1	19	NN10684	Filter	1
8	NN10578	Cover	1	20	NN10685	Adapter	1
9	NN10675	Base – Oil	1	21	NN10686	Plug	1
11	NN10569	Seal – Oil	1	22	NN10687	Plug – Hex. Hd.	2
12	NN10677	Bearing – Crankshaft (Lower)	1				

14HP ENGINE CYLINDER HEAD & VALVES ASSEMBLY

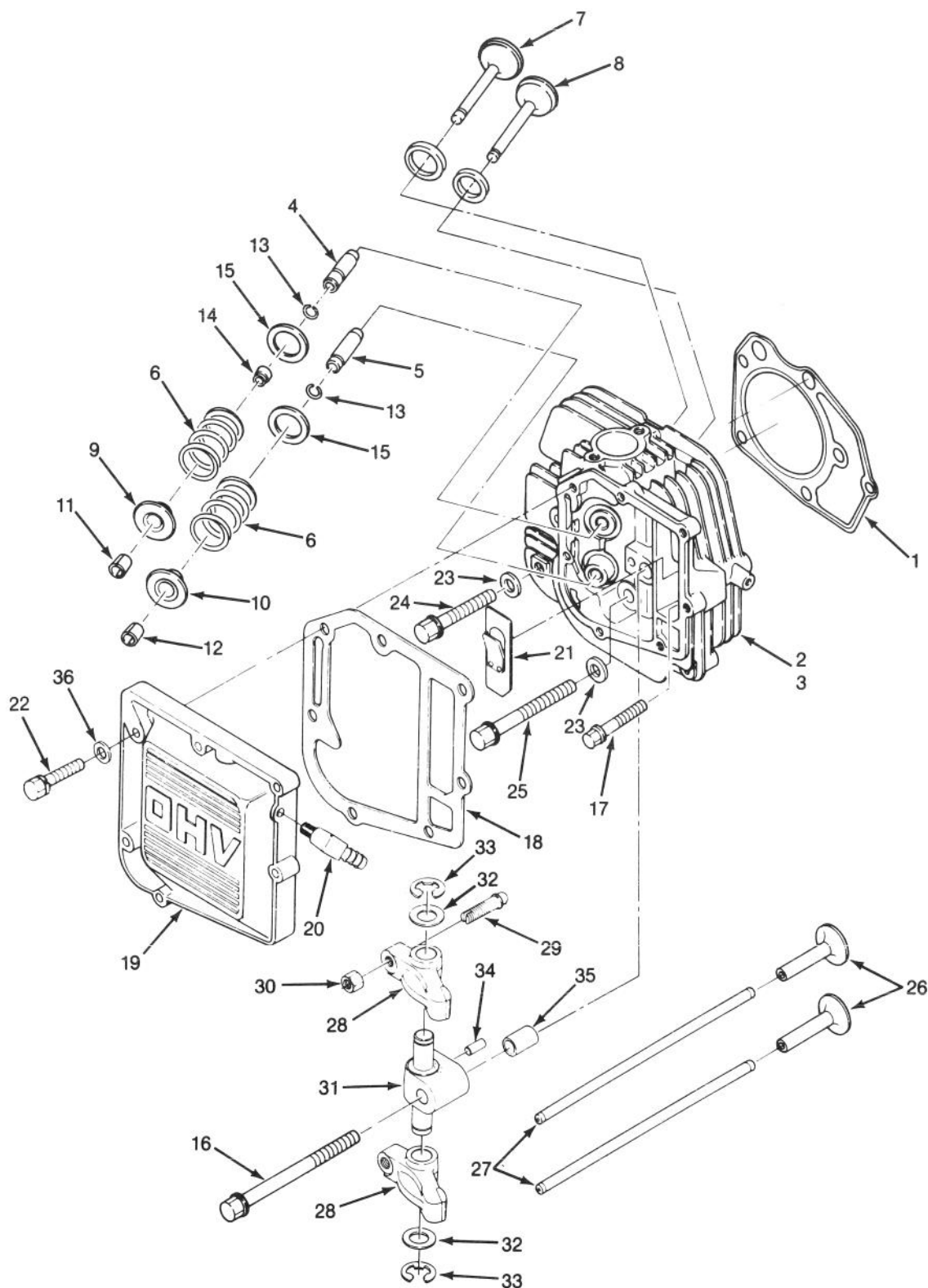


Figure 9-5 Cylinder Head and Valves

14HP ENGINE CYLINDER HEAD & VALVES ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	NN10592	Gasket – Cylinder Head	1	19	NN10610	Cover – Valve	1
2	NN10593	Cylinder Head Assembly (Incl. Ref. #4–15)	1	20	NN10611	Fitting – 90°	1
3	NN10594	Cylinder Head Assembly (Incl. Ref. #4–5)	1	21	NN10612	Breather	1
4	NN10595	Guide – Intake Valve	1	22	NN10613	Screw – Hex. Socket Hd.	7
5	NN10596	Guide – Exhaust Valve	1	23	NN10614	Washer	2
6	NN10597	Spring – Valve	2	24	NN10615	Bolt	2
7	NN10598	Valve – Intake	1	25	NN10615	Bolt	2
8	NN10599	Valve – Exhaust	1	26	NN10617	Tappet	2
9	NN10600	Retainer – Intake	1	27	NN10618	Rod – Push	2
10	NN10601	Retainer – Exhaust	1	28	NN10619	Rocker Arm Assembly (Incl. Ref. #29–30)	2
11	NN10602	Lock – Intake	1	29	NN10620	Screw	2
12	NN10603	Lock – Exhaust	1	30	NN10621	Nut	2
13	NN10604	Ring	2	31	NN10622	Shaft – Rocker Arm	1
14	NN10605	Seal – Intake	1	32	NN10623	Washer – Rocker Arm	2
15	NN10606	Washer	2	33	NN10624	Clip – Retainer	2
16	NN10607	Bolt	1	34	NN10625	Pin – Dowel	1
17	NN10608	Bolt	1	35	NN10626	Pin – Dowel (Hollow)	1
18	NN10609	Gasket	1	36	NN10542	Washer	7

14HP ENGINE IGNITION ASSEMBLY

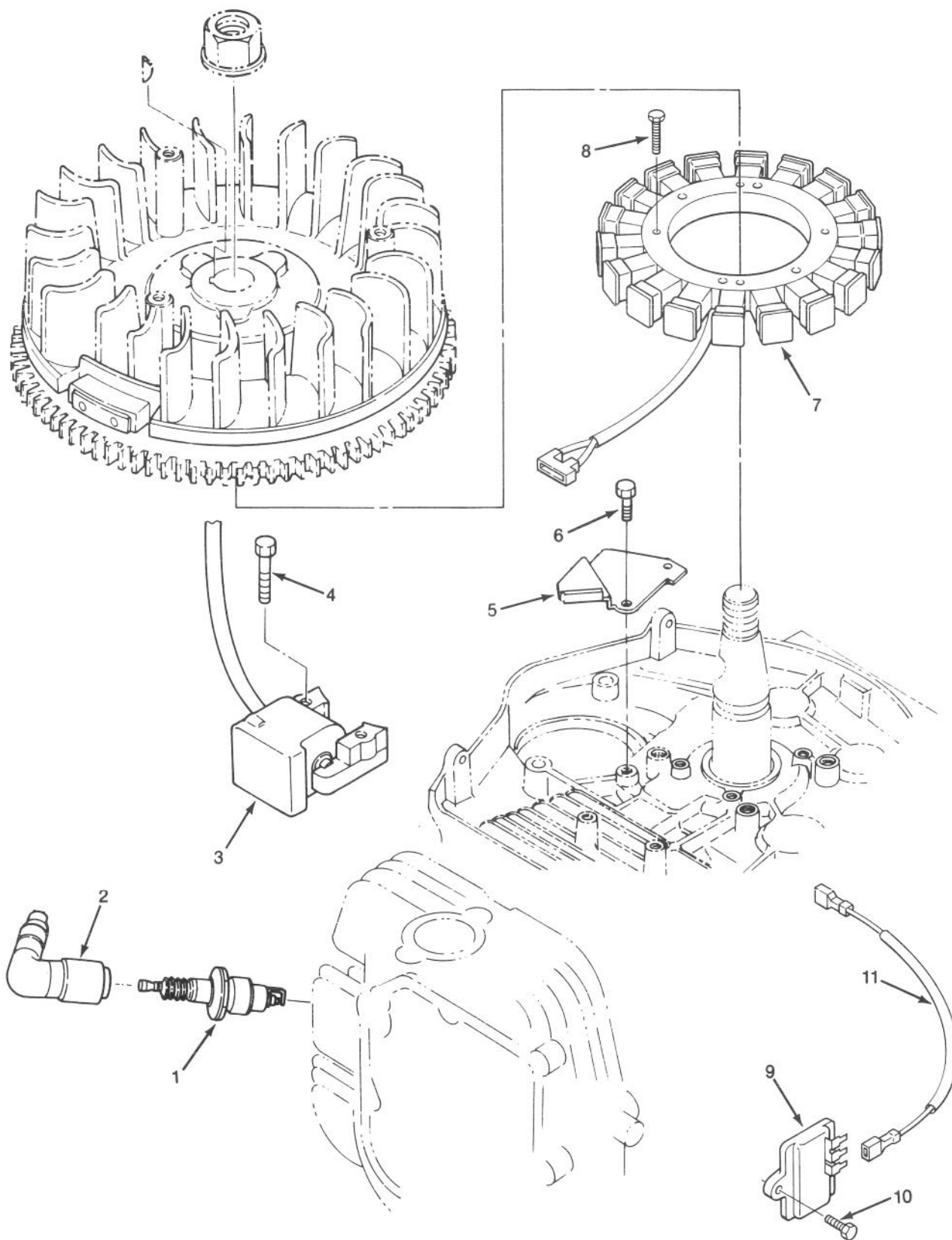


Figure 9-6 Ignition

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

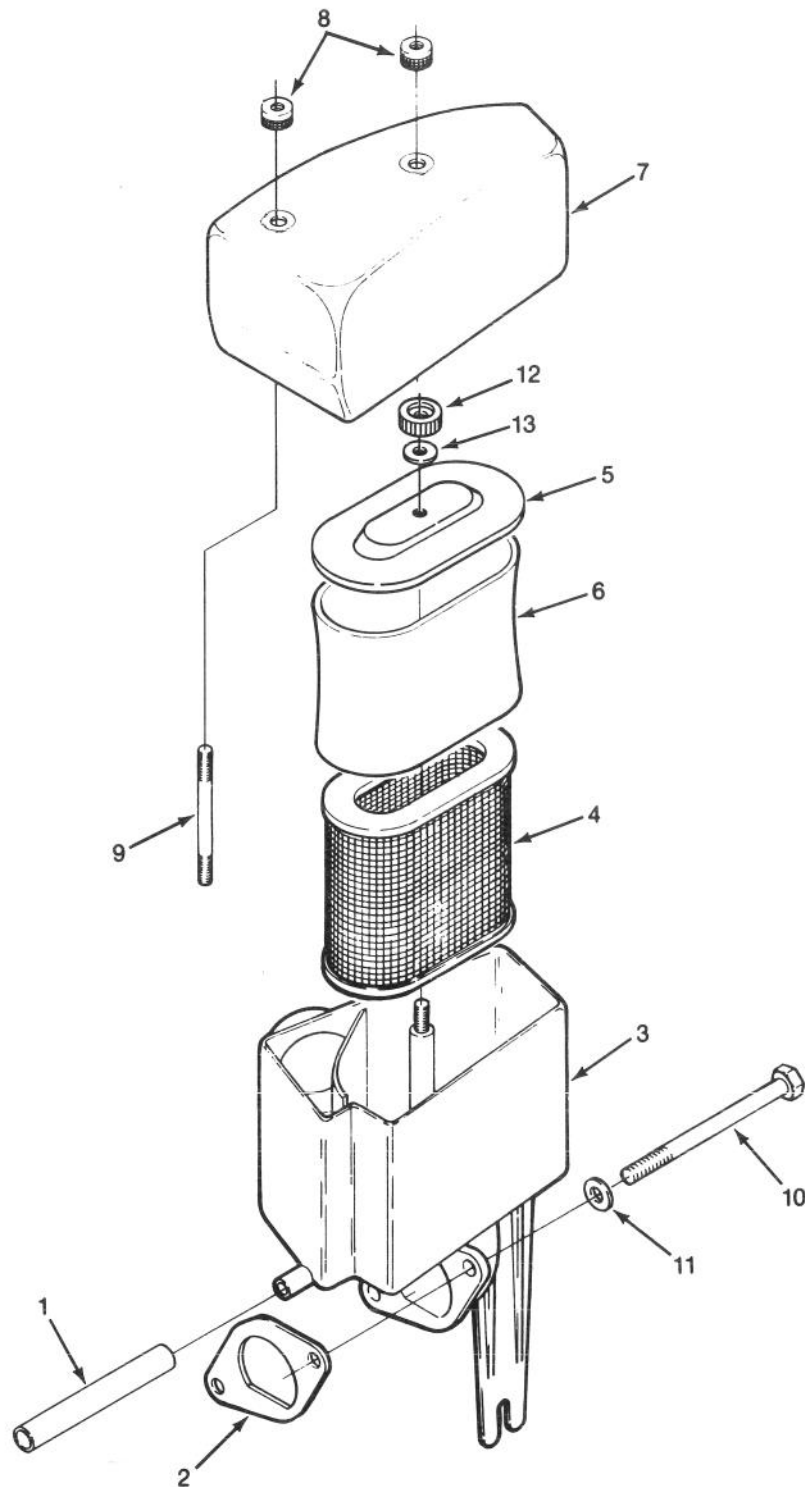


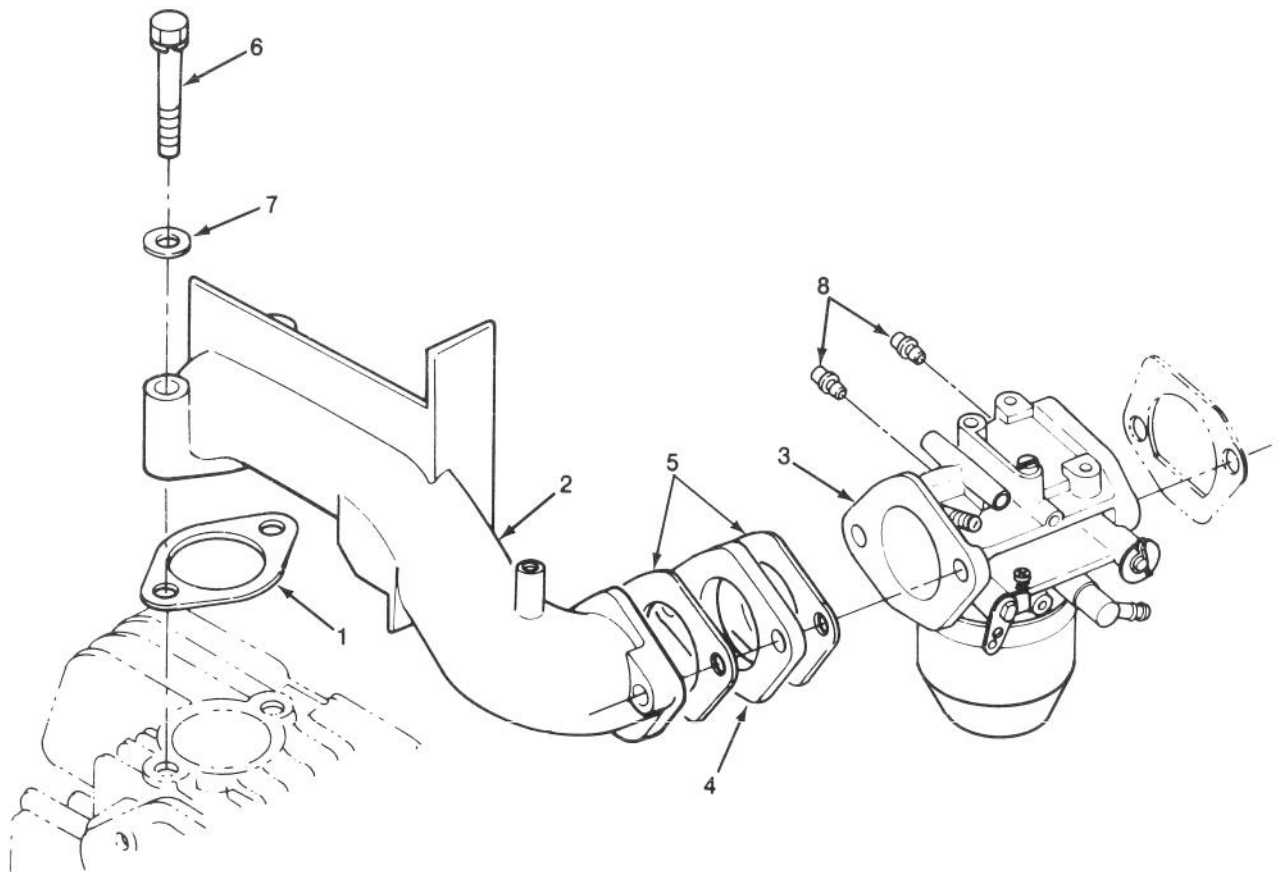
Figure 9-7 Air Cleaner

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 – 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

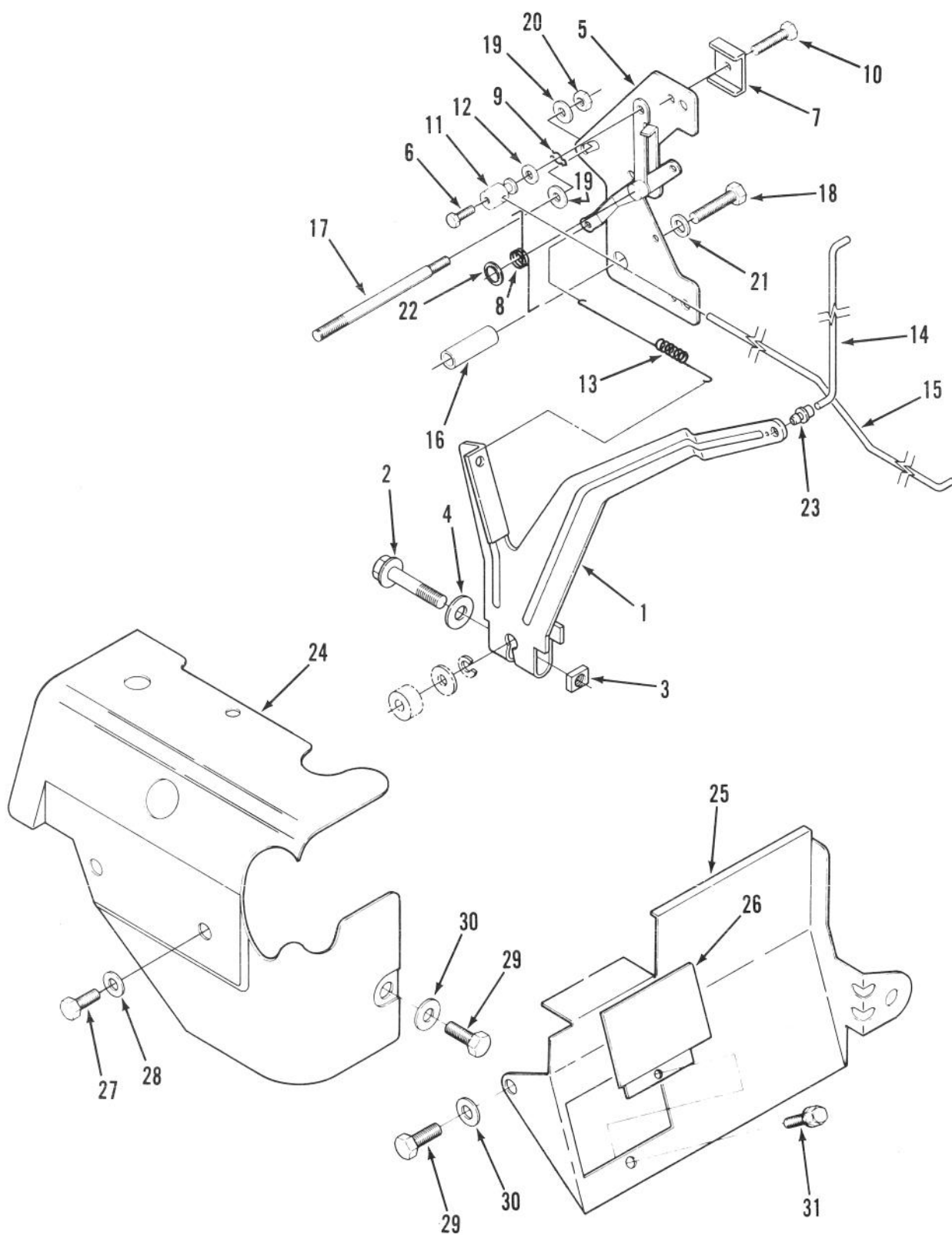


Figure 10-1 Covers & Governor Linkage

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

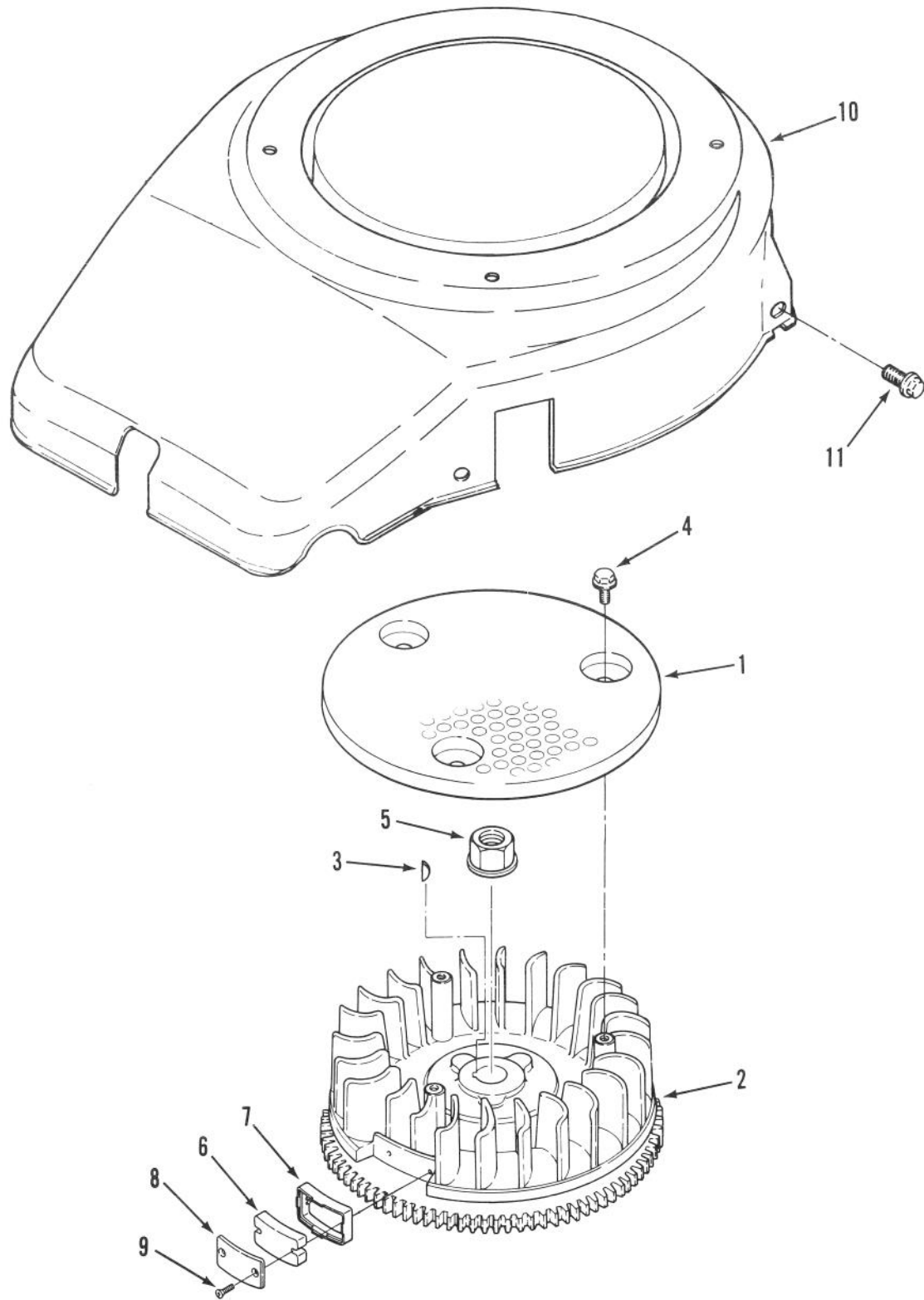


Figure 10-3 Flywheel and Cover

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

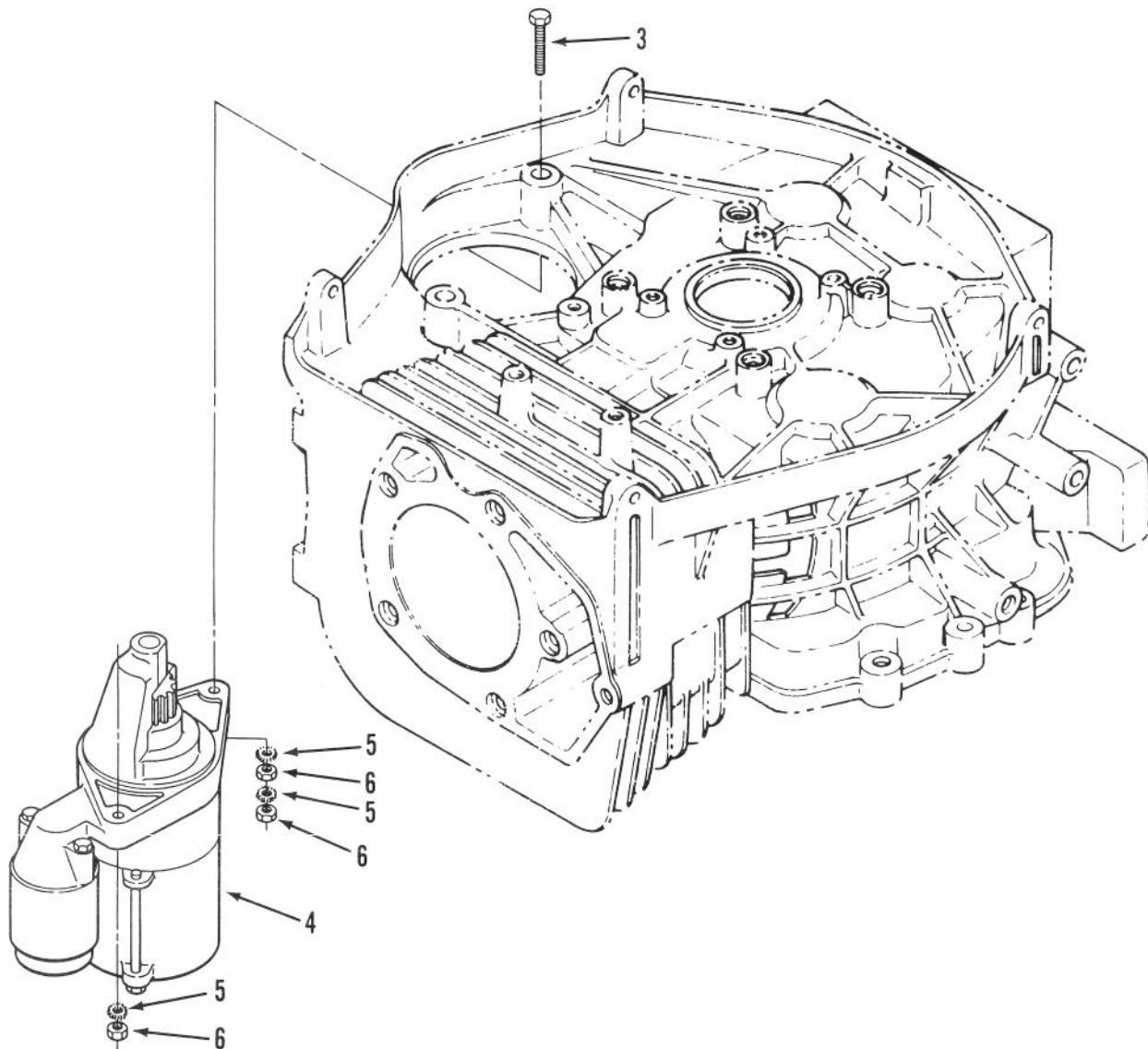
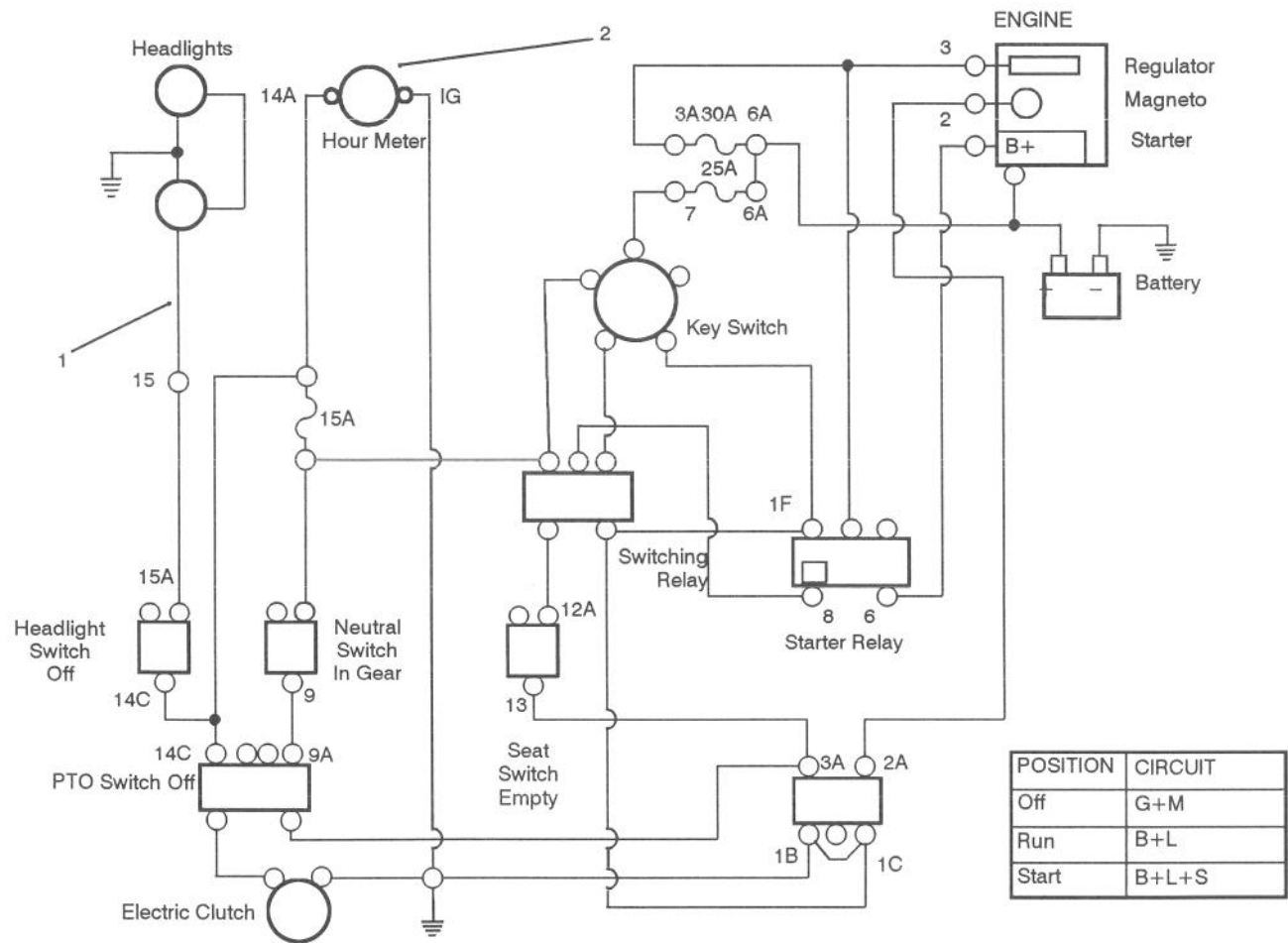


Figure 10-2 Starter

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



C-1080

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	79-5010	Wire Harness	1

Ref. No.	Part No.	Description	No. Used

PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
1120	Key - Square	14 5 2	110387	Spacer - Axle	14 6 2
1278	Washer	3 8A/R	110391	Bearing - Wheel	7 12 1
1278	Washer	14 9 2	110513	Bearing - Wheel	3 18 2
1278	Washer	9 14 1	110636	Pad - Footrest	2 16 2
1481	Fitting - Grease	3 27 1	110877	Rim	14 8 2
1623	Pulley - Idler	12 1 1	111071	Bumper	15 4 2
2534	Clip - Spring	12 10 1	111076	Wire - Positive	5 7 1
3624	Spring - Compression	11 12 1	111383	Collar	9 16 1
3765	Washer - Shim	9 24 2	111392	Clip	4 5 1
5108	Valve - Tire, Tubeless	14 14 2	111392	Clip	4 10 1
5108	Valve - Tire, Tubeless	3 19 2	111392	Clip	1 17 1
5210	Washer - Shim	3 7A/R	111392	J-Clip	15 6 2
5210	Washer - Shim	14 10 2	111418	Bushing	7 9 1
5618	Ring - Retaining	3 6 1	111418	Bushing	12 23 1
5666	Bushing - Nyliner	9 25 1	111419	Washer - Bearing	12 3 1
6542	Grip - Handle	11 10 1	111419	Washer - Bearing	7 7 1
7228	Bulb #1156	1 4 2	111435	V-Belt	14 1 1
8130	Retainer - Spring	11 13 1	111439	Grip - Rod	13 5 1
8830	Clip	5 3 1	111446	Spring	12 21 1
8830	Clip	7 19 3	111473	Tank - Fuel	7 29 1
8870	Trunnion	13 9 1	111474	Cap - Gas	7 1 1
11688	Clamp	4 15 1	111646	Grip Ring	9 19 1
100571	Cable Tie	2 21 2	111684	Pod - Light	1 3 2
100729	Clip	2 3 3	111685	Retainer	1 24 4
100729	Clip	11 25 1	111712	Washer - Wave	13 15 1
101884	Nut	10 14 1	111763	Strap	1 22 2
102138	Switch - Lights	10 3 1	111951	Cap - Hub	3 24 2
102250	Washer	10 10 1	111952	Washer - Wheel	3 22 4
103995	Washer	1 16 1	112153	Assy. - Tank, Fuel	7 * 1
104047	Bushing	7 28 1	112168	Decal - Lift	11 15 1
104048	Valve - Fuel	7 27 1	112425	Pulley - Idler, Flat	12 6 1
104525	Spacer	12 25 1	112670	Decal - Danger	2 12 1
104869	Washer	14 26 1	112744	Bracket - Pivot, R.H.	15 8 1
104962	Battery	5 14 1	112745	Bracket - Pivot, L.H.	15 15 1
105316	Cap - Rod, Plunger	11 9 1	112757	Wire - Negative	5 13 1
105474	Bushing	1 21 2	112837	Spring - Seat	15 19 2
105490	Clip	5 17 1	112843	Washer	4 26 1
105503	Bushing	15 17 2	112925	Washer - Backing	1 8 1
106257	Rod - Latch, Lift	11 17 1	112961	Plate	15 14 2
106288	Clamp - Shaft	2 18 2	112983	Knob	8 5 1
106948	Tray	5 15 1	113025	Pointer	8 7 1
107788	Spring - Extension	12 11 1	113113	Screw - Hex. Hd.	4 29 3
108547	Reflector	15 12 2	113114	Screw	4 11 1
108886	Nut	7 10 1	113179	Nut - Face	10 12 1
109114	Washer - Wheel	14 11 2	113852	Plate - Pivot, Seat	15 18 1
109154	Cap - Hub	14 13 2	114720	Tube - Drain, Battery	5 1 1
109189	Bearing	9 18 1	115197	Decal - Attach-A-Matic	2 19 1
109193	Rivet - Pop	15 13 4	115203	Screw - Hex. Hd.	4 27 1
109500	Fitting - Grease	3 25 2	115204	Harness - Wiring, Headlight	1 * 1
109547	Hook - Battery	5 18 1	115230	Switch - Clutch	7 3 1
109553	Boot - Battery	5 8 1	115413	Clevis	1 7 1
109989	Spacer - Nylon	15 21 4	115413	Clevis	4 9 1
110015	Spacer	13 13 2	115484	Pin W.A. - Axle	3 11 1
110370	Pulley, Idler	4 20 1	115575	Ball End	14 23 1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
115593	Knob	11 4 1	780064	Bushing	17120 2
115858	Clip - Snap On	9 1 1	780065	Washer, Thrust	17121 2
116262	Socket - Light	1 5 2	780072	Washer, Thrust	17 29 4
116338	Switch - Ignition, Assembly	10 6 1	780105A	Bushing, Flanged	17 34 3
116397	Relay	10 24 3	780108	Washer, Thrust	17 30 5
116454	Knob	8 3 1	780109	Washer, Thrust	17 65 1
116590	Decal - Hood, Rear	1 11 1	780112	Bearing, Needle	17 91 2
116591	Assy. Head Light	1 * 2	780113	Washer, Flat	17 31 1
116601	Bar - Light	1 2 1	780114	Washer, Flat	17119 1
116738	Key	10 13 1	780118A	Bushing, Flanged	17 35 1
116792	Spring	11 23 1	780119	Bearing, Ball	17 89 2
116792	Spring	14 29 1	780120	Bushing	17120A 1
116874	Decal - Hood, Front	1 1 1	780121	Bearing, Ball	17 88 1
117127	Tire	3 20 2	780122	Bearing, Needle	17 2 2
117184	Gasket - Exhaust	4 2 1	784266	Collar, Shift	17 9 1
117234	Pedal - Brake	13 21 1	784290	Rod & Fork Assy., Shift	17 10 1
117316	Rod - Hold Down	5 11 1	786026	Pin, Dowel	17 39 2
117343	Assy. Handle	1 13 2	786034	Pin, Drive	17 17 1
117343	Keeper - Latch	10 2 1	786060	Sprocket (14 teeth)	17 83 1
117431	Rivet - Pop	10 1 2	786061	Sprocket (10 teeth)	17 82 1
117432	Rivet - Pop	1 12 4	786062A	Chain, Roller	17 81 1
117512	Decal - 5 Speed	10 19 2	786074	Spacer	17 18 1
117760	Decal - Fender	15 11 1	786086	Bracket, Brake Lever	17 46 1
118060	Screw	4 7 1	788040	Ring, Retaining	17 28 1
118600	Decal - Power Plus	4 12 1	788051	Seal, Square cut	17 33 2
120040	Decal - Toro	4 14 1	788053	Seal, Square cut	17118 2
120930	Holder - Fuse	10 28 1	788057	Seal, Square cut	17 32 1
519337	Clip	7 6 1	788067B	Grease	17 90 1
770071A	Case, Transaxle	17 3 1	788069	Seal, Square cut	17 71 1
772082	Cover, Transaxle	17 1 1	790003	Disk, Brake	17 36 1
774657	Axle (15-1/8 Long)	17 48 1	790006	Pad, Brake	17 38 2
774658	Axle (13-1/4 Long)	17 47 1	790007	Plate, Brake pad	17 37 1
776135	Shaft, Input	17 66 1	790013	Lever, Brake	17 41 1
776184A	Shaft, Brake	17 67 1	790025	Holder, Brake pad	17 44 1
776204	Shaft, Counter	17 4 1	792035	Ring, Retaining	17 27 1
778068	Pinion, Bevel	17 14 2	792040	Pin, Roll	17123 1
778121A	Gear, Spur (20 teeth)	17 53 1	792073	Screw, Fl. Hex. Hd. Thread	17 25 17
778122A	Gear, Spur (22 teeth)	17 52 1	792073	Screw, Fl. Hex. Hd. Thread	17 42 2
778123A	Gear, Spur (25 teeth)	17 51 1	792074	Plug, Hex. Hd. 9/16-18 Thd.	17 72 1
778124A	Gear, Spur (30 teeth)	17 50 1	792075	Locknut, 5/16-24	17 43 1
778126A	Gear, Spur (20 teeth)	17 57 1	792076	Washer, Flat	17 40 1
778127A	Gear, Spur (25 teeth)	17 58 1	792077	Ball, Steel	17 20 1
778128A	Gear, Spur (28 teeth)	17 59 1	792078	Screw, Set, 3/8-16 x 3/8	17 21 1
778129A	Gear, Spur (30 teeth)	17 60 1	792079	Spring	17 22 1
778136	Gear, Spur (15 teeth)	17 7 1	792089A	Key	17 8 4
778138	Pinion, Output	17 5 1	792125	Ring, Retaining (Pkg. of 2)	17 26 4
778139	Gear, Output	17 6 1	900038	Bolt - Carriage	2 5 1
778145	Gear, Spur (12 teeth)	17 56 1	900215	Bolt - Carriage	2 13 3
778146A	Gear, Spur (37 teeth)	17 49 1	900379	Bolt - Carriage	2 17 1
778153	Bevel Pinion, Input	17 12 1	906215	Bolt - Carriage	7 23 2
778154	Gear, Bevel (42 teeth)	17 11 1	908036	Screw - Hex. Hd.	12 2 1
778175	Gear Assy., Differential	17 15 1	908037	Screw - Hex. Hd	4 23 1
778221	Gear, Bevel	17 13 2	909543	Screw - Set	14 2 2
780001	Washer, Thrust	1731A 2	910796	Screw - Pan Head	10 27 4

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
910948	Screw	7 2 2	NN10431	Nut	19 17 1
915002	Nut	3 12 4	NN10534	Ball	23 6 1
915084	Nut	14 22 1	NN10542	Washer	33 19 2
915085	Nut	3 5 2	NN10542	Washer	33 28 1
915111	Nut	5 16 2	NN10542	Washer	25 36 7
915564	Nut	10 22 2	NN10543	Washer	31 7 2
915662	Nut	15 3 8	NN10543	Washer	21 11 1
915732	Nut	7 24 2	NN10543	Washer	29 11 2
915740	Nut	10 23 3	NN10543	Washer	33 21 1
915740	Nut	9 2 2	NN10543	Washer	33 30 6
915740	Nut	10 4 2	NN10566	Block - Cylinder	19 1 1
915741	Nut	1 9 1	NN10567	Pin - Dowel	19 2 2
920038	Washer	3 14 2	NN10568	Bearing - Ball	19 3 2
920081	Screw	4 6 1	NN10569	Seal - Oil	19 4 1
920123	Washer - Lock	11 26 1	NN10569	Seal - Oil	23 11 1
920160	Washer - Lock	10 16 2	NN10570	Bearing - Crankshaft	19 5 1
920215	Washer - Flat	13 20 4	NN10571	Bearing - Camshaft	19 6 1
920232	Washer	3 9 2	NN10572	Pump - Oil	23 1 1
920259	Washer	11 1 1	NN10573	Cover	23 2 1
920259	Washer	10 11 1	NN10574	Spring - Valve	23 3 1
920262	Washer	10 15 1	NN10575	Seal - O-Ring	23 4 1
920263	Washer	11 28 1	NN10576	Screw	23 5 4
926566	Screw	4 16 1	NN10577	Screen	23 7 1
926694	Screw	7 13 2	NN10578	Cover	23 8 1
926694	Screw - Hex Hd.	1 20 2	NN10579	Kit - Piston	19 7 1
926694	Screw - Hex. Hd.	2 9 3	NN10580	Kit - Piston	19 * 1
926696	Screw - Hex Hd	4 17 5	NN10581	Kit - Piston	19 * 1
926697	Screw - Hex. Washer Hd.	2 8 1	NN10582	Pin - Piston	19 8 1
926715	Screw - Hex. Hd.	3 10 1	NN10583	Ring - Retaining	19 9 2
926720	Screw	7 4 2	NN10584	Set - Piston Ring	19 10 1
926720	Screw	7 17 2	NN10585	Set - Piston Ring	19 * 1
926720	Screw - Hex. Hd.	14 15 4	NN10586	Set - Piston Ring	19 * 1
926720	Screw - Hex. Wash.Hd.	5 4 1	NN10587	Kit - Connecting Rod	19 11 1
926720	Screw - Hex. Washer Hd.	11 7 5	NN10588	Kit - Connecting Rod	19 *
926720	Screw - Hex. Washer Hd.	7 20 1	NN10589	Kit - Connecting Rod	19 * 1
932000	Pin - Cotter	11 11 1	NN10590	Bolt	19 12 2
932000	Pin - Cotter	9 6 1	NN10591	Washer	19 13 2
932957	Pin - Clevis	13 18 1	NN10592	Gasket - Cylinder Head	25 1 1
933141	Pin - Roll	11 6 1	NN10593	Cylinder Head Assembly	25 2 1
933148	Pin - Roll	11 11 1	NN10594	Cylinder Head Assembly	25 3 1
933221	Pin - Roll	8 10 1	NN10595	Guide - Intake Valve	25 4 1
933233	Pin - Roll	9 27 1	NN10596	Guide - Exhaust Valve	25 5 1
933270	Pin - Roll	3 3 2	NN10597	Spring - Valve	25 6 2
933275	Pin - Roll	9 22 1	NN10598	Valve - Intake	25 7 1
937225	Key, Hi-Pro	14 28 1	NN10599	Valve - Exhaust	25 8 1
938031	Bushing - Nylon	15 10 1	NN10600	Retainer - Intake	25 9 1
943083	Elbow - Street	4 18 1	NN10601	Retainer - Exhaust	25 10 1
NN10261	Regulator	27 9 1	NN10602	Lock - Intake	25 11 1
NN10323	Seal - O-Ring	19 20 1	NN10603	Lock - Exhaust	25 12 1
NN10333	Pin - Cotter	33 9 1	NN10604	Ring	25 13 2
NN10347	Sealant - Thread	21 * 1	NN10605	Seal - Intake	25 14 1
NN10364	Washer	33 12 1	NN10606	Washer	25 15 2
NN10407	Screw	19 19 1	NN10607	Bolt	25 16 1
NN10414	Screw - Hex. Washer Hd.	33 31 1	NN10608	Bolt	25 17 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10609	Gasket	25 18 1	NN10663	Nut	33 20 1
NN10610	Cover – Valve	25 19 1	NN10664	Ring – Retaining	33 22 1
NN10611	Fitting – 90_	25 20 1	NN10665	Clip – Link	33 23 1
NN10612	Breather	25 21 1	NN10666	Gasket	31 1 1
NN10613	Screw – Hex. Socket Hd.	25 22 7	NN10667	Elbow	31 2 1
NN10614	Washer	25 23 2	NN10668	Carburetor	31 3 1
NN10615	Bolt	25 24 2	NN10669	Insulator	31 4 1
NN10615	Bolt	25 25 2	NN10670	Gasket	31 5 2
NN10617	Tappet	25 26 2	NN10671	Screw – Hex. Hd.	31 6 2
NN10618	Rod – Push	25 27 2	NN10673	Harness – Wire	27 11 1
NN10619	Rocker Arm Assembly	25 28 2	NN10674	Clip – Link	31 8 2
NN10620	Screw	25 29 2	NN10675	Base – Oil	23 9 1
NN10621	Nut	25 30 2	NN10677	Bearing – Crankshaft	23 12 1
NN10622	Shaft – Rocker Arm	25 31 1	NN10678	Bearing – Balancer Shaft	23 13 1
NN10623	Washer – Rocker Arm	25 32 2	NN10679	Pin	23 14 2
NN10624	Clip – Retainer	25 33 2	NN10680	Bolt – Special	23 15 9
NN10625	Pin – Dowel	25 34 1	NN10681	Gasket	23 16 1
NN10626	Pin – Dowel	25 35 1	NN10682	Plug	4 19 1
NN10627	Camshaft Assembly	21 1 1	NN10682	Plug – Square Hd.	23 17 2
NN10628	Washer	21 2 1	NN10683	Plug	23 18 1
NN10629	Washer	21 3 1	NN10684	Filter	23 19 1
NN10630	Shim – Camshaft	21 4 1	NN10685	Adapter	23 20 1
NN10631	Shim – Camshaft	21 * 1	NN10686	Plug	23 21 1
NN10632	Shim – Camshaft	21 * 1	NN10687	Plug – Hex. Hd.	23 22 2
NN10633	Shim – Camshaft	21 * 1	NN10688	Indicator	19 14 1
NN10634	Shim – Camshaft	21 * 1	NN10689	Tube	19 15 1
NN10635	Shim – Camshaft	21 * 1	NN10690	Seal	19 16 1
NN10636	Gear	21 5 1	NN10691	Bracket	19 18 1
NN10637	Shaft	21 6 1	NN10693	Hose – Breather	29 1 1
NN10638	Sleeve	21 7 1	NN10694	Gasket	29 2 1
NN10639	Stop – Governor	21 8 1	NN10695	Adapter	29 3 1
NN10640	Lever	21 9 1	NN10696	Element	29 4 1
NN10641	Clip – Retaining	21 10 2	NN10697	Cover – Element	29 5 1
NN10642	Camgear Assembly	21 12 1	NN10698	Wrapper – Element	29 6 1
NN10643	Key – Camgear	21 13 1	NN10699	Cover – Air Cleaner	29 7 1
NN10644	Pin	21 14 1	NN10700	Knob	29 8 2
NN10645	Spring	21 15 1	NN10701	Stud	29 9 1
NN10646	Seal – Shaft Lever	21 16 1	NN10702	Screw – Hex. Hd.	29 10 2
NN10647	Lever – Governor	33 1 1	NN10703	Knob	29 12 1
NN10648	Screw – Hex. Hd.	33 2 1	NN10704	Grommet	29 13 1
NN10649	Nut	33 3 1	NN10711	Screen	35 1 1
NN10650	Washer	33 4 1	NN10712	Blower Wheel Assembly	35 2 1
NN10651	Throttle Plate Assembly	33 5 1	NN10713	Key	35 3 1
NN10652	Screw – Hex. Hd.	33 6 1	NN10714	Screw – Hex. Hd.	35 4 3
NN10653	Clamp – Cable	33 7 1	NN10715	Nut	35 5 1
NN10654	Spring – Choke Linkage	33 8 1	NN10716	Magnet	35 6 1
NN10655	Screw	33 10 1	NN10717	Holder	35 7 1
NN10656	Swivel – Choke Lever	33 11 1	NN10718	Cover	35 8 1
NN10657	Spring – Governor	33 13 1	NN10719	Screw	35 9 2
NN10658	Link – Throttle	33 14 1	NN10720	Housing – Blower	35 10 1
NN10659	Link – Choke	33 15 1	NN10721	Bolt	35 11 4
NN10660	Spacer	33 16 1	NN10722	Housing – Cylinder	33 24 1
NN10661	Stud	33 17 1	NN10723	Deflector – Air	33 25 1
NN10662	Screw – Hex. Hd.	33 18 1	NN10725	Screw – Hex. Hd.	33 27 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10726	Screw — Hex. Hd.	33 29 5	78-1940	Arm — Spindle, R.H.	3 4 1
NN10727	Screw — Hex. Hd.	33 * 1	78-1950	Arm — Spindle, L.H.	3 16 1
NN10728	Plug — Spark	27 1 1	78-2090	Handle	11 14 1
NN10728	Plug — Spark	4 4 1	78-2100	Rod — Indicator	9 8 1
NN10729	Lead	27 2 1	78-2112	Arm	13 19 1
NN10730	Coil — Ignition	27 3 1	78-2140	Trunnion	11 20 1
NN10731	Bolt — Self Tapping	27 4 2	78-2151	Rod	11 3 1
NN10732	Clamp — Cord	27 5 2	78-2391	Hood Stand	9 20 1
NN10733	Bolt — Hex. Hd.	27 10 1	78-2431	Rod	13 17 1
NN10733	Bolt — Self Tapping	27 6 1	78-2491	Stop	7 18 1
NN10734	Stator Assembly	27 7 1	78-2601	Spindle	3 1 2
NN10735	Screw	27 8 2	78-2610	Sector — Gear	7 8 1
NN10738	Screw	37 1 2	78-2920	Ball Joint	3 26 2
NN10739	Starter	37 2 1	78-2930	Muffler	4 1 1
NN10740	Washer	37 3 3	78-3030	PTO Switch & Handle	10 8 1
NN10741	Nut	37 4 3	78-3100	Wheel — Steering	8 9 1
NN10742	Gear — Crankshaft	21 17 1	78-3180	Plate	11 27 1
NN10743	Gear — Balancer	21 18 1	78-3320	Bracket — Hour Meter	10 20 1
NN10744	Crankshaft	21 19 1	78-5801	Assy. Ball Joint, R.H.	3 13 1
NN10745	Key — Gear	21 20 1	78-5811	Assy. Ball Joint, L.H.	3 15 1
NN10746	Shim — Crankshaft	21 21 1	78-5980	Console	8 12 1
NN10747	Shim — Crankshaft	21 * 1	78-6120	Rod — Brake, Parking	13 4 1
NN10748	Shim — Crankshaft	21 * 1	78-6143	Rod — Lever	8 4 1
NN10749	Shim — Crankshaft	21 * 1	78-6201	Arm	9 21 1
NN10750	Plug	21 22 1	78-6641	Pulley, Eng.	4 24 1
NN10751	Gear	21 23 1	78-6650	Pulley — Trans.	14 3 1
NN10752	Gear	21 24 1	78-6771	Arm — Idler	12 22 1
NN10753	Shaft	21 25 1	78-6810	Plate	11 8 1
NN10754	Shaft	21 26 1	78-6820	Plate Battery	5 19 1
NN10755	Key — Gear	21 27 2	78-6831	Shaft — Pedal	13 22 1
NN10756	Shim — Balancer Shaft	21 28 1	78-6880	Assy. Transmission	14 20 1
NN10757	Shim — Balancer Shaft	21 * 1	78-6990	Clutch	4 25 1
NN10758	Shim — Balancer Shaft	21 * 1	78-7110	Engine E140V	4 3 1
NN10759	Shim — Balancer Shaft	21 * 1	78-7120	Washer	12 4 1
NN10760	Shim — Balancer Shaft	21 * 1	78-7201	Arm — Transmission	14 21 1
NN10761	Shim — Balancer Shaft	21 * 1	78-7220	Assy., Rod, Control	9 28 1
NN10762	Shim — Balancer Shaft	21 * 1	78-7293	Frame	2 1 1
NN10764	Kit — Electric Starter	21 * 1	78-7360	Rod	12 20 1
NN10765	Kit — Gasket, Engine	21 * 1	78-7390	Link	12 14 1
NN10772	Cover	33 26 1	78-7673	Stop — Brake	14 27 1
NN10852	Block — Short	19 * 1	78-7901	Retainer — Indicator	9 10 1
38-1420	Switch — Seat	15 22 1	78-7911	Support — Indicator	9 12 1
75-5030	Bracket — Holder, Fuse	10 25 1	78-7942	Decal — 5 Speed, Motion	8 8 1
78-0021	Meter — Hour	10 18 1	78-7960	Axle — Front	3 17 1
78-1130	Panel	2 4 1	78-8130	Shaft — Steering	9 15 1
78-1193	Bracket — Steering	7 15 1	78-8165	Plate	7 5 1
78-1250	Pin	11 19 1	78-8180	Pedal — Clutch	13 11 1
78-1250	Wheel & Tire Assy.	14 * 2	78-8371	Decal — Height of Cut	8 11 1
78-1260	Tire	14 7 2	78-8440	Decal PTO	10 7 1
78-1310	Bracket	11 24 1	78-8450	Assy. — Link, Steering R.H.	3 * 1
78-1650	Assy. — Wheel/Tire	3 * 2	78-8460	Assy. — Link, Steering L.H.	3 * 1
78-1660	Assy. — Wheel	3 * 2	78-8480	Decal — Ignition	10 17 1
78-1680	Rim — Wheel	3 21 2	78-8490	Decal	10 9 1
78-1800	Strap	14 16 2	78-8710	Screw	1 14 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
78-8710	Screw - Pan Head	8 2 3	3217-6	Nut	15 20 4
78-8730	Spring - Compression	9 23 1	3218-2	Nut	2 23 2
78-8740	Décal - 14.0	4 13 1	3220-23	Bolt - Carriage	15 7 13
78-9160	Seat	15 23 1	3230-23	Bolt - Carriage	7 14 2
78-9190	Plate	7 11 1	3231-4	Bolt - Carriage	12 5 1
78-9200	Spring - Brake	13 3 1	3231-28	Bolt - Carriage	12 12 2
78-9340	Assy. - Cable	1 10 1	3231-28	Bolt - Carriage	7 16 1
78-9481	Spacer	9 9 1	3245-32	Screw - Set	9 17 1
78-9730	Rod - Clutch	13 10 1	3250-14	Screw - Hex. Hd.	10 26 2
78-9740	Decal - H.O.C. Knob	11 5 1	3253-3	Washer - Lock	5 6 2
78-9750	Spring - Extension	9 4 1	3253-3	Washer - Lock	14 25 1
79-0050	Fender	15 9 1	3253-4	Washer - Lock	15 1 8
79-0120	Decal - Parking	2 7 1	3253-4	Washer - Lock	4 28 2
79-0370	Decal - Danger	2 6 1	3254-23	Washer - Lock	2 15 4
79-0390	Guide - Belt	12 9 1	3256-14	Washer	9 7 1
79-0400	Guide - Belt	12 24 1	3256-14	Washer	11 21 1
79-0681	Panel - Rear	2 10 1	3256-22	Washer	5 10 4
79-0930	Decal - Control, Motion	8 6 1	3256-22	Washer	9 11 1
79-1070	Indicator W.A.	9 5 1	3256-22	Washer	5 20 1
79-1250	Pin - Clevis	12 13 2	3256-23	Washer	15 16 6
79-1590	Screw - Hex. Washer Hd.	10 29 2	3256-23	Washer	14 19 4
79-1790	Guide, Belt	4 21 1	3256-23	Washer	7 22 4
79-2590	Nut - Push On	1 23 2	3256-24	Washer	4 22 2
79-3130	Hose - Fuel Line	7 25 1	3256-24	Washer - Flat	12 7 5
79-3330	Control - Throttle	10 5 1	3256-26	Washer	11 18 2
79-3401	Shaft	12 18 1	3256-26	Washer - Flat	13 8 1
79-3840	Hood	1 19 1	3256-26	Washer - Flat	12 16 1
79-4050	Bushing	2 22 2	3272-6	Pin - Cotter	13 1 3
79-4620	Decal - Hood, RH	1 6 1	3272-6	Pin - Cotter	13 12 2
79-4630	Decal - Hood, LH	1 18 1	3272-17	Pin - Cotter	3 23 2
79-5010	Wire Harness	38 1 1	3296-23	Nut	12 15 1
79-5010	Wire Harness	5 2 1	3296-23	Washer - Flat	13 2 4
79-5400	Decal - Throttle	8 1 1	3296-29	Nut	2 2 10
79-6730	Decal - Belt Installations	2 20 1	3296-29	Nut	7 21 4
79-6780	Decal	11 2 1	3296-29	Nut	9 29 3
83-2750	Fitting - Grease	3 2 2	3296-29	Washer	10 21 2
83-2750	Fitting - Grease	13 14 2	3296-39	Nut	12 19 5
2412-98	Clamp - Hose	7 26 2	3296-42	Nut	9 13 1
321-4	Screw - Hex Hd	9 3 1	3296-42	Screw	5 21 1
321-4	Screw - Hex. Hd.	5 12 2	32103-19	Nut - Wing	1 15 1
322-4	Screw - Hex. Hd.	15 2 10	32103-22	Nut - Wings	5 9 2
322-5	Screw - Hex. Hd.	15 5 8	32120-47	Ring - Retaining	11 16 3
322-5	Screw - Hex. Hd.	14 17 5	32120-47	Ring - Retaining	12 17 1
322-7	Screw - Hex. Hd.	2 11 1	32151-48	Ring - Retaining	14 12 2
322-13	Screw - Hex. Washer Hd.	14 4 4	32151-84	Ring - Retaining	9 26 1
323-10	Screw - Hex. Hd.	12 8 1	5210-101-012	Assembly - Rotor	1 6 1
329-5	Screw - Hex. Hd.	14 24 1	5215-101-028	Assembly - Armature	1 6 2
3217-5	Nut	5 5 2	5215-101-004	Assembly - Field	1 6 4
3217-6	Nut	2 14 4	5215-101-001	Accessories	6 3 3