



MODEL 32-1205A1-1000001 & Up
MODEL 32-120EA1-1000001 & Up

**PARTS
CATALOG**

WHEEL HORSE®
200-Series Tractor

TORO WHEELHORSE PARTS MANUAL

INTRODUCTION PAGE

1. How to use this parts manual:

- 1.1 The 200-Series parts manual is divided into major sections arranged in the sequence as outlined on the following page. Major sections are subdivided into smaller groups of parts, each with its own illustration and illustration reference numbers.
- 1.2 Illustrated items are numerically keyed to the parts listing on the facing page. Illustrations are repeated when the parts list is too long for one page. Figure numbers are located at the bottom of each illustration and also at the beginning of each description column. Item numbers are numerically keyed to their respective illustrations.
- 1.3 When an (X) appears in the quantity (Qty) column use only if applicable or as required to meet tolerances.

2. To locate parts:

- 2.1 When function, use or location is known:
Refer to the List of Illustrations to locate the proper illustration.
- 2.2 When part number is known:
Refer to the Numerical Index at the end of this manual.

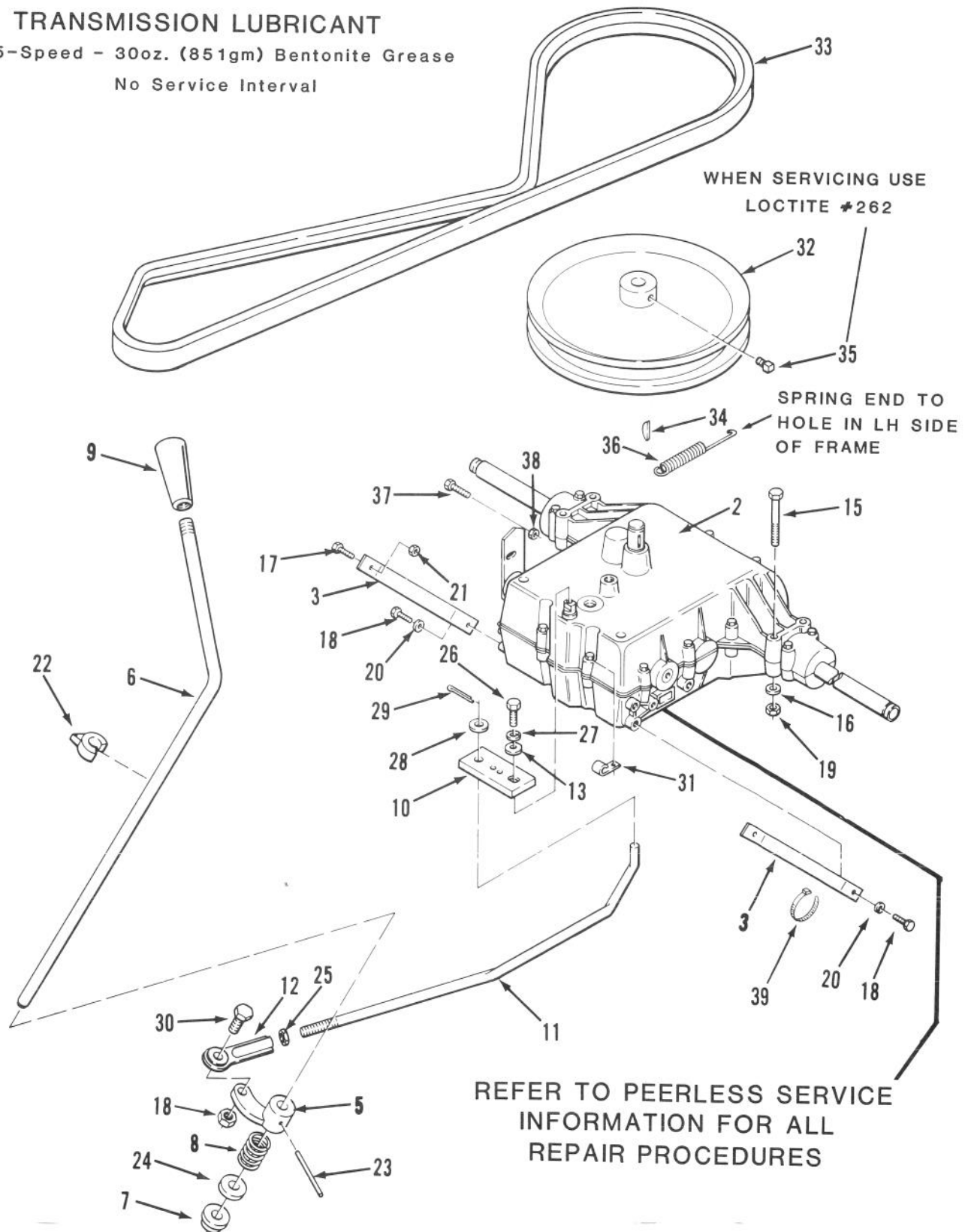
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SECTION 3 - TRANSMISSION

TRANSMISSION LUBRICANT

5-Speed - 30oz. (851gm) Bentonite Grease
No Service Interval



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Figure 3-1 5-Speed Transmission

SECTION 3 - TRANSMISSION

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D.
Figure 3-1			
5-SPEED TRANSMISSION			
2	112299*	5-Speed Transmission (Peerless Model 920-009)	1
3	112982	Torque Strap.....	2
5	111430	Arm.....	1
6	114941	Shaft.....	1
7	5666	Nylon Bushing.....	1
8	111432	Spring.....	1
9	112983	Knob.....	1
10	115198	Transmission Arm	1
11	115042	Rod.....	1
12	115043	Rod End	1
13	104869	Special Washer	1
15	908025	Hex Hd. Cap Screw 5/16-18 x 2-1/2.....	4
16	920008	Washer 5/16 SAE	6
17	900036	Carriage Bolt 5/16-18 x 5/8.....	2
18	926720	S.W. Form Screw 5/16-18 x 3/4.....	2
19	915662	E.S. Hex Nut 5/16-18	5
20	920082	Lockwasher 5/16.....	2
21	915112	Eslok Nut 5/16-18	2
22	113205	Pointer.....	1
23	933273	Spirol Pin 7/32 x 2-1/2.....	1
24	920259	Shim Washer .032	X
	1278	Shim Washer .050	X
25	915084	Jam Nut 5/16-24	1
26	208153	Hex Hd. Cap Screw 1/4-28 x 7/8	1
27	920081	Lockwasher 1/4.....	1
28	920008	Washer 5/16.....	1
29	932008	Cotter Pin 3/4 x 3/32	1
30	911425	Bolt 5/16-18 x 1-1/4.....	1
31	111357	J-Clip	1
32	108790	Transmission Pulley	1
33	114860	Transmission Drive Belt (93-1/4")	1
34	937225	Hi Pro Key #9 3/16 x 3/4	2
35	909540	Sq. Hd. Set Screw.....	2
36	110769	Brake Return Spring (4.9")	1
37	908019	Hex Bolt 5/16-18 x 1 Brake Stop	1
38	915112	Eslok Nut 5/16-18	1
39	100571	Plastic Tie.....	1

*Order Replacement Parts or Complete Assembly Through Manufacturer's Distribution System, Using Model/Spec. Number Shown.

*TORO WHEEL HORSE Part Number Is Listed For Cross-Reference Purposes Only; Item IS NOT AVAILABLE Through TORO WHEEL HORSE.

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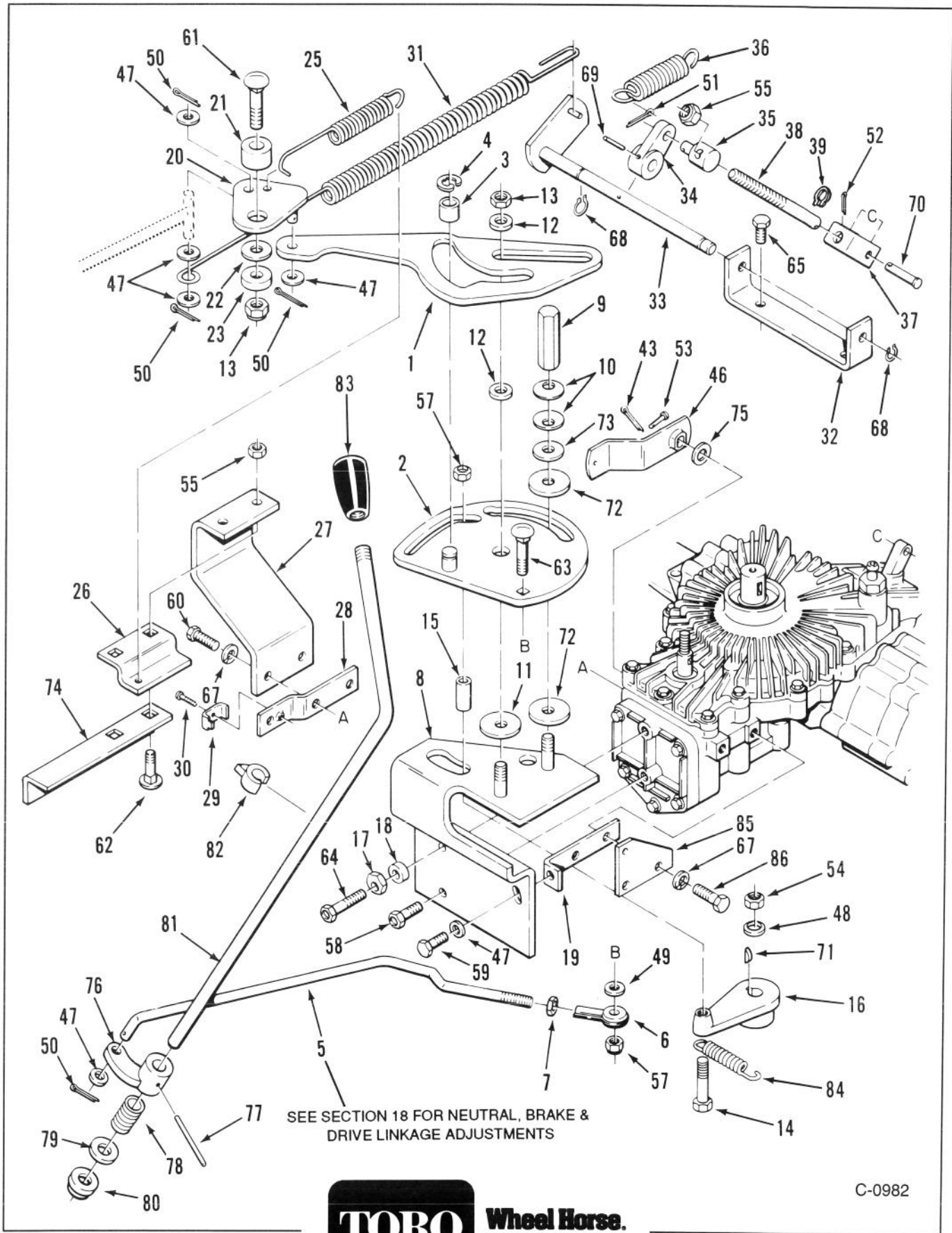


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SECTION 3 - TRANSMISSION

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 3-2			
HYDROSTATIC TRANSAXLE			
1	78-2710	Hydrostatic Transaxle (Eaton Model 750-019)	1
2	114433	Belt (83")	1
3	915662	E.S. Nut 5/16-18.....	4
4	920008	Flat Washer 5/16 SAE	8
5	908026	Bolt 5/16-18 x 2-3/4.....	4
6	116180	Hose Clamp	4
7	114409	Hose (9")	1
8	114693	Hose (26")	1
9	79-1100	Hydro Reservoir Complete (includes items 10, 11 & 12)	1
10	79-1080	Cover.....	1
11	114563	Cover Gasket	1
12	114564	Reservoir.....	1
13	937222	Hi-Pro Key 5/8 x 3/16.....	1
14	115467	Pulley.....	1
15	114638	Fan	1
16	920081	Lock Washer 1/4	1
17	908003	Bolt 1/4-20 x 3/4.....	1
18	108917	Knob.....	1
19	116126	Push Valve Cable.....	1
20	910972	Screw #10-24 x 1/2.....	2
21	915740	Elast Nut #10-24	2
23	114400	Reservoir Mounting Bracket	1
24	908003	Bolt 1/4-20 x 3/4.....	4
25	920007	Flat Washer 1/4 SAE	2
26	915661	E.S. Nut 1/4-20.....	4
27	8830	Clip	2
28	103995	Washer	1

SECTION 3 - TRANSMISSION



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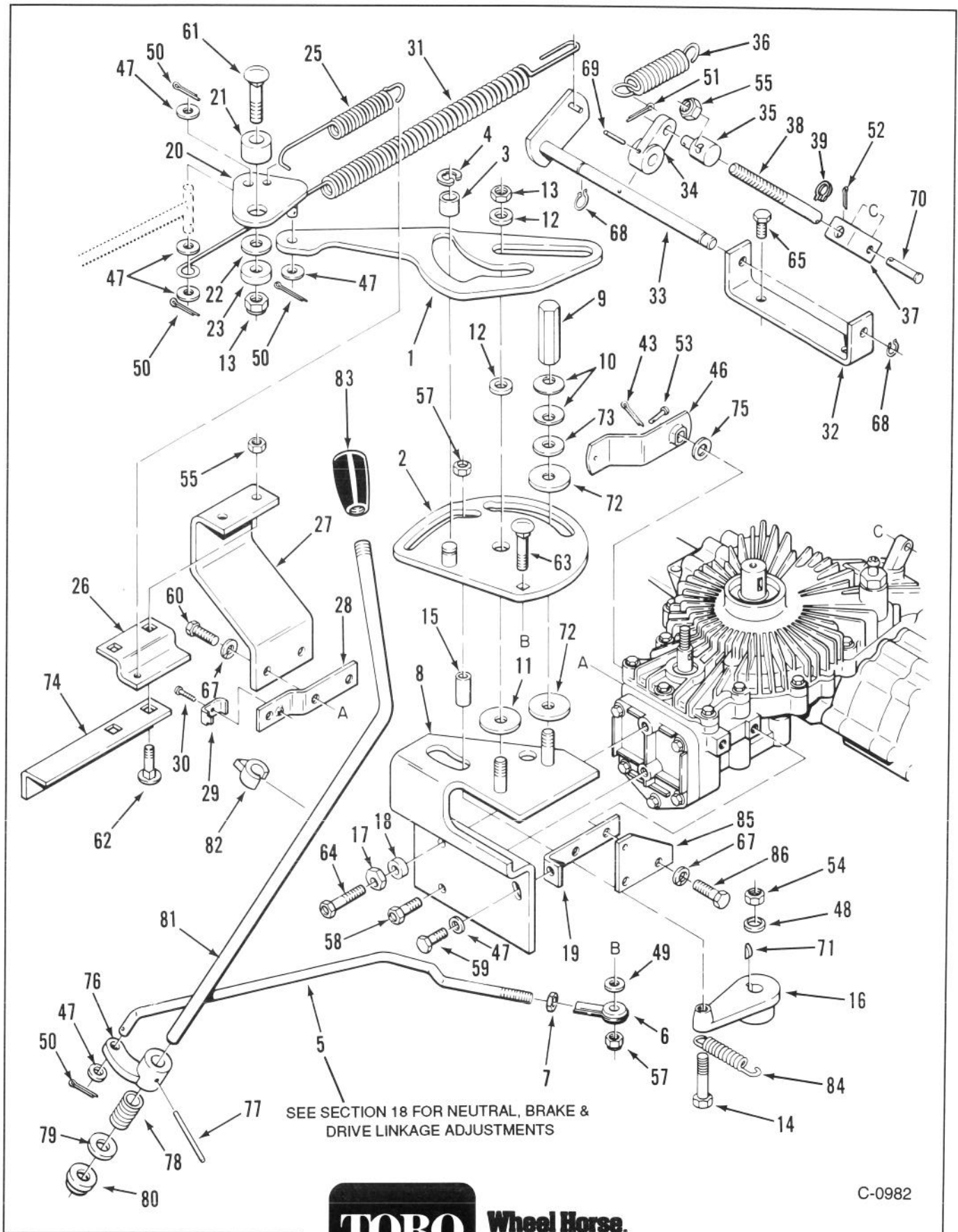


Figure 3-3 Hydrostatic Transaxle - Control Linkage

SECTION 3 - TRANSMISSION

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 3-3			
HYDROSTATIC TRANSAXLE - CONTROL LINKAGE			
1	114416	Neutral Return Plate	1
2	114401	Cam Plate	1
3	100656	Cam Return Bearing	1
4	5701	E-Ring	1
5	116339	Speed Control Rod	1
6	110189	Rod End	1
7	915083	Jam Nut 1/4-28.....	1
8	114403	Cam Plate Support	1
9	114695	Special Nut 3/8-16 x 2.....	1
10	100365	Spring Disc Washer	2
11	100305	Friction Washer	1
12	100309	Cam Spacer	2
13	109779	Jam Nut 3/8-16.....	2
14	911459	Bolt 1/4-20 x 2-1/2.....	1
15	114402	Spacer	1
16	116340	Motion Control Arm	1
17	106661	Cam.....	1
18	109447	Gear Spacer.....	1
19	114656	Angle Support	1
20	114404	Neutral Pivot Plate	1
21	114697	Spacer	1
22	920271	Special Washer	1
23	104859	Lift Link Spacer	1
25	114818	Spring (4.87")	1
26	114668	Spring Bracket.....	1
27	114410	Torque Bracket	1
28	115678	Mounting Plate	1
29	111688	Clamp.....	1
30	926641	Screw #10-24 x 1/2	1
31	114698	Brake Spring (16.48")	1
32	114666	Bracket	1
33	114670	Brake Pivot	1
34	114663	Plate	1
35	104524	Trunnion	1
36	107677	Brake Spring (2.26").....	1
37	114665	Clevis.....	1
38	116287	Rod.....	1
39	107772	Ring - Retaining	1
43	932000	Cotter Pin 1/16 x 1/2	1
46	116079	Arm Plate (Double "D" hole dia.-.501").....	1
	116398	Arm Plate (Double "D" hole dia.-.564").....	1
47	920008	Washer 5/16 SAE	5
48	920009	Washer 3/8 SAE	1
49	920007	Washer 1/4 SAE	1
50	932008	Cotter Pin 3/32 x 3/4	3
51	932009	Cotter Pin 3/32 x 1	1

SECTION 3 - TRANSMISSION



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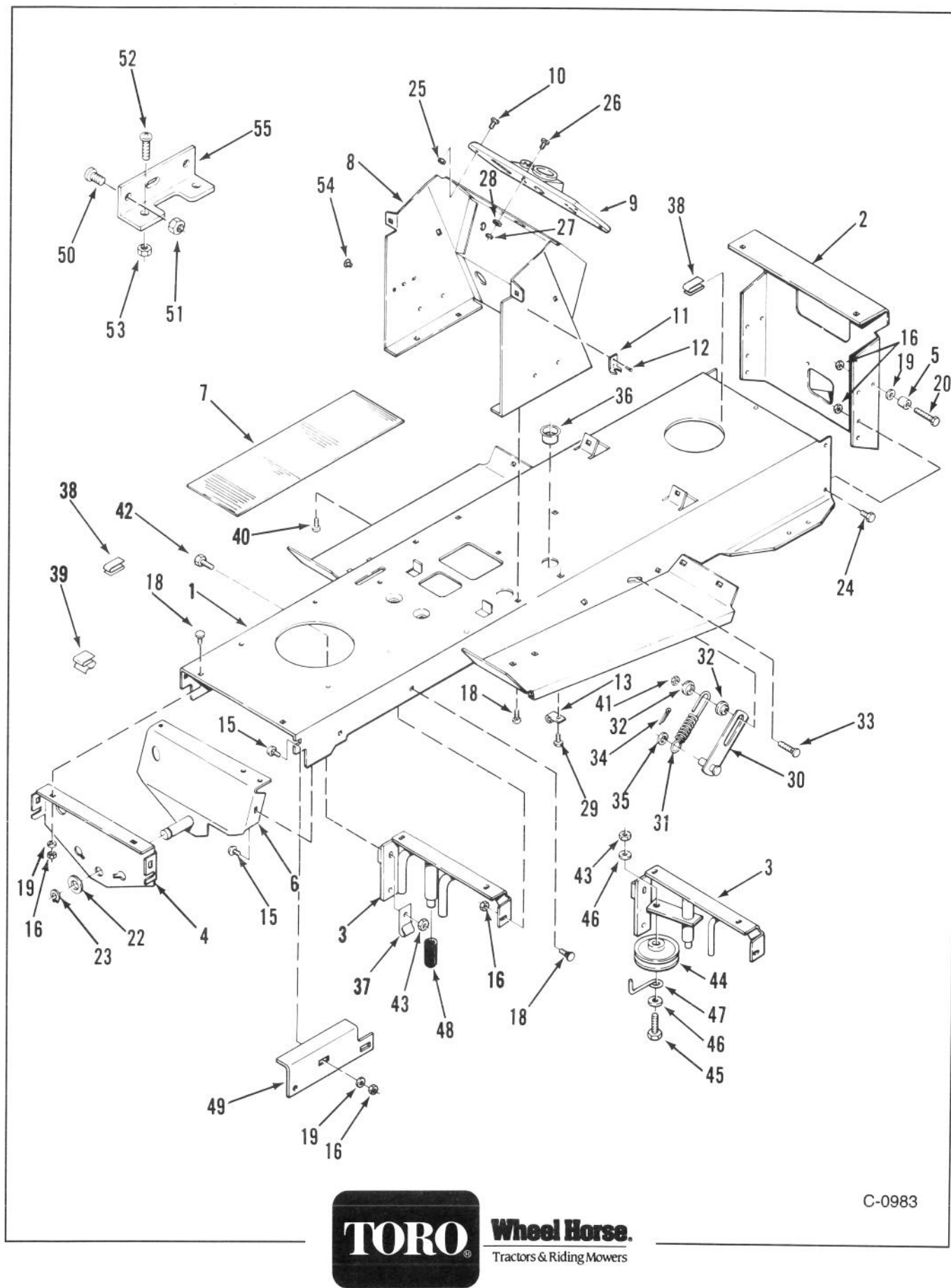
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Figure 3-3 Hydrostatic Transaxle - Control Linkage

SECTION 3 - TRANSMISSION

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 3-3			
HYDROSTATIC TRANSAXLE - CONTROL LINKAGE (CONT'D)			
52	932001	Cotter Pin 1/16 x 3/4	1
53	932948	Cotter Pin 1/4 x 1-1/4	1
54	915113	Eslok Nut 3/8-16	1
55	915662	E.S. Nut 5/16-18	3
57	915661	E.S. Nut 1/4-20	2
58	926720	S.T. Bolt 5/16-18 x 3/4	1
59	908016	Bolt 5/16-18 x 5/8	1
60	908017	Bolt 5/16-18 x 3/4	2
61	900065	Carriage Bolt 3/8-16 x 1-1/2	1
62	900038	Carriage Bolt 5/16-18 x 1	2
63	900016	Carriage Bolt 1/4-20 x 1-1/2	1
64	926698	S.T. Screw 5/16-18 x 1-1/4	1
65	908016	Bolt 5/16-18 x 5/8	2
67	920082	Lock Washer 5/16	4
68	936115	External Snap Ring	2
69	933152	Spirol Pin 1/8 x 3/4	1
70	932948	Clevil Pin	1
71	937082	Woodruff Key 1/8 x 1/2	1
72	114821	Friction Washer	2
73	920039	Washer 3/8 US	1
74	115677	Bracket	1
75	920259	Plain Special Washer	1
76	111430	Arm	1
77	933273	Spirol Pin 7/32 x 2-1/2	1
78	111432	Spring	1
79	920259	Shim Washer .032	X
	1278	Shim Washer .050	X
80	5666	Nylon Bushing	1
81	119810	Shaft	1
82	113025	Pointer	1
83	112983	Knob	1
84	117326	Spring	1
85	117325	Bracket Spring	1
86	908019	Screw Hex Hd. Cap 5/16 - 18 x 1	2

SECTION 4 - FRAME, SHEET METAL AND COVERS



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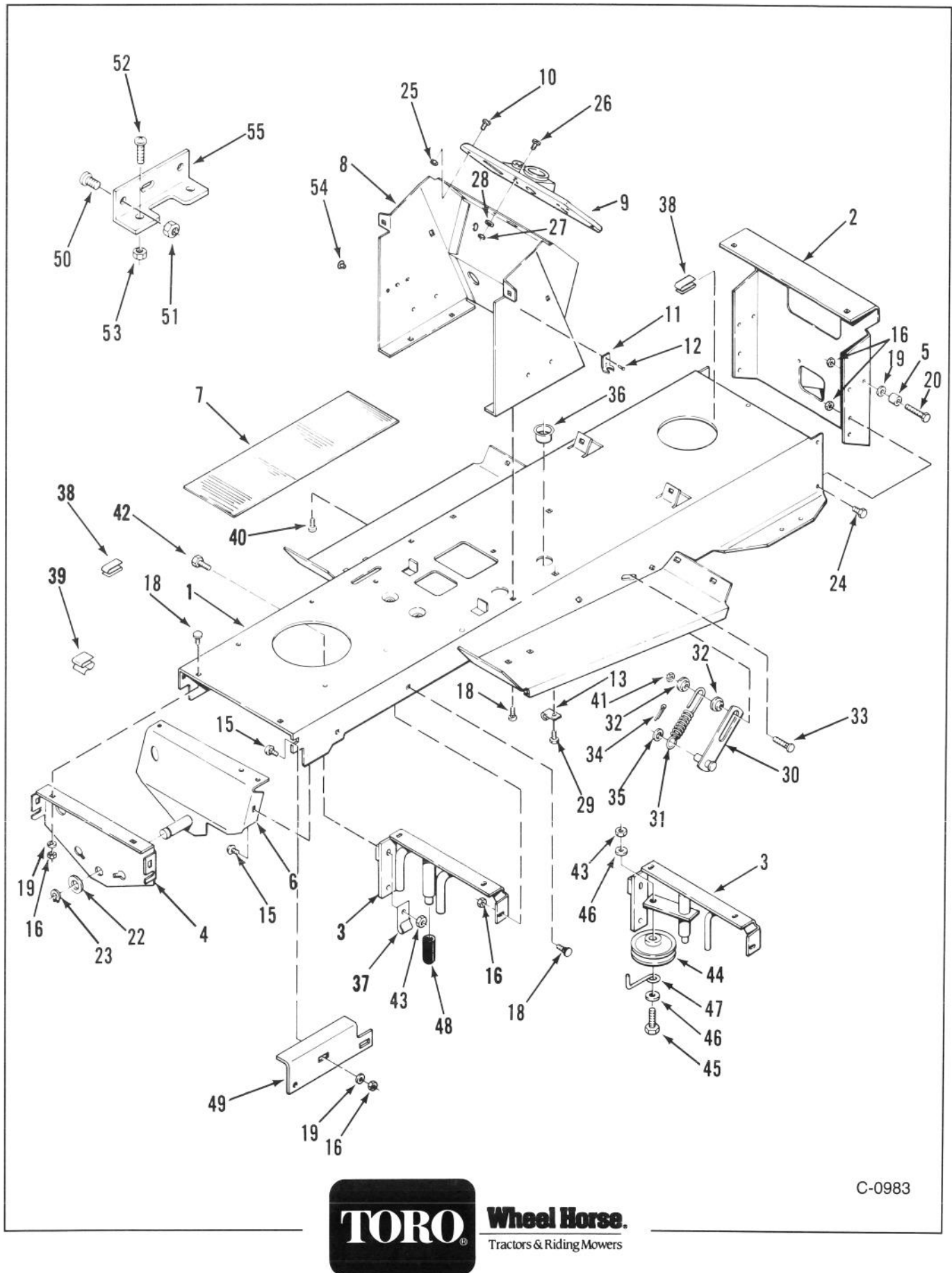


Figure 4-1 Frame, Sheet Metal and Covers

SECTION 4 - FRAME, SHEET METAL AND COVERS

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 4-1			
FRAME, SHEET METAL AND COVERS			
1	117600	Frame	1
2	114417	Rear Drawbar Plate	1
3	112850	Frame Support Plate 212-H.....	1
	114851	Frame Support Plate 212-5	1
4	111397	Axle Support Plate - Front	1
5	114610	Cam Roller	2
6	112977	Axle Support - Rear	1
7	110180	Footrest Mat - Sandpaper	2
8	113896	Hoodstand.....	1
9	111467	Console Panel.....	1
10	111499	Pan Hd. Screw 10-24 x 5/8 Black	4
11	109237	Latch Keeper	2
12	923784	Pop Rivet 1/8 x .232.....	4
13	111392	J-Clip	1
15	900038	Carriage Bolt 5/16-18 x 1	4
16	915662	E.S. Hex Nut 5/16-18	8
18	900037	Carriage Bolt 5/16-18 x 3/4.....	7
19	920008	Washer 5/16 SAE	7
20	908020	Hex Hd. Cap Screw 5/16-18 x 1-1/4.....	2
21	920155	Internal Tooth Lockwasher 5/16.....	1
22	1278	Shim Washer .050	X
	5210	Shim Washer .015	X
23	104822	Retaining Ring 3/4	1
24	908017	Hex Hd. Cap Screw 5/16-18 x 3/4	4
25	915740	Hex Nut 10-24	4
26	910837	Cross Recess Pan Mach Screw 1/4-20 x 5/8.....	1
27	915111	Eslok Nut 1/4-20	1
28	920081	Lock Washer 1/4	1
29	908017	Hex Bolt 5/16-18 x 3/4	3
30	111524	Link.....	2
31	111527	Spring.....	2
32	111758	Bushing	4
33	900040	Carriage Bolt 5/16-18 x 1-1/2.....	2
34	932025	Cotter Pin 5/32 x 1	2
35	920242	Special Washer	2
36	938031	Bushing	1
37	8830	Clip	1
38	113116	Retainer - Not on 212-H.....	2
39	519337	Cable Clip.....	1

SECTION 4 - FRAME, SHEET METAL AND COVERS



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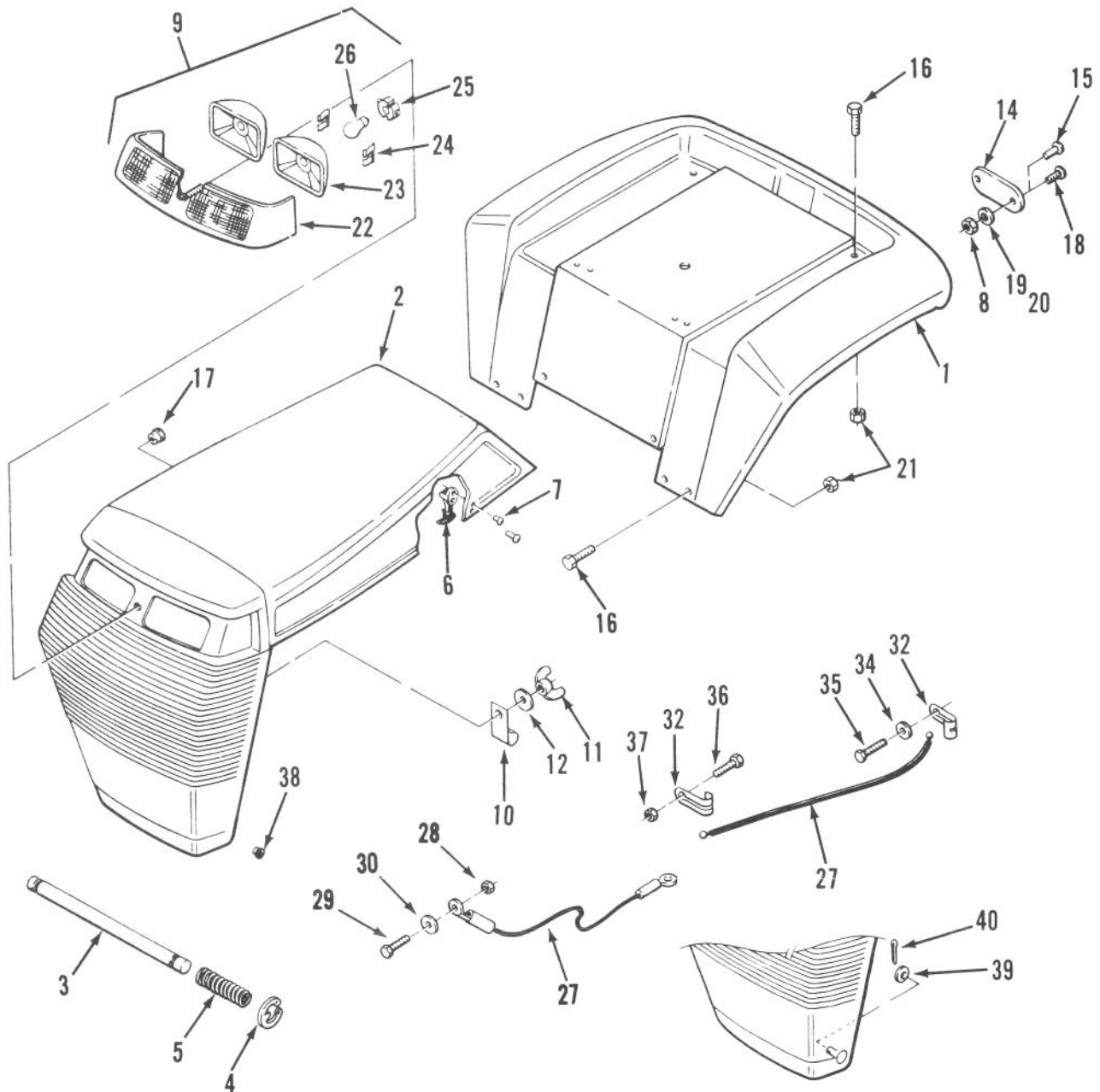


Figure 4-1 Frame, Sheet Metal and Covers

SECTION 4 - FRAME, SHEET METAL AND COVERS

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 4-1			
FRAME, SHEET METAL AND COVERS (CONT'D)			
40	908019	Bolt 5/16-18 x 1	2
41	915112	Nut 5/16-18	2
42	908035	Bolt 3/8-16 x 1-1/4.....	1
43	915663	E.S. Nut 3/8-16.....	3
44	110370	Idler Pulley - Not on 212-H.....	1
45	908038	Bolt 3/8-16 x 2.....	1
46	920009	Washer 3/8 SAE	2
47	109230	Belt Retainer	1
48	111439	Grip.....	1
49	114990	RH Bracket.....	1
	114989	LH Bracket.....	1
50	960152	Screw 1/4-20 x 5/8	2
51	915661	E.S. Nut Hex 1/4-20	2
52	910796	Screw 10-24 x 1	2
53	915740	E.S. Nut 10-24.....	2
54	938050	Nylon Plug.....	2
55	117142	Fuse Bracket	1

SECTION 4 - FRAME, SHEET METAL AND COVERS



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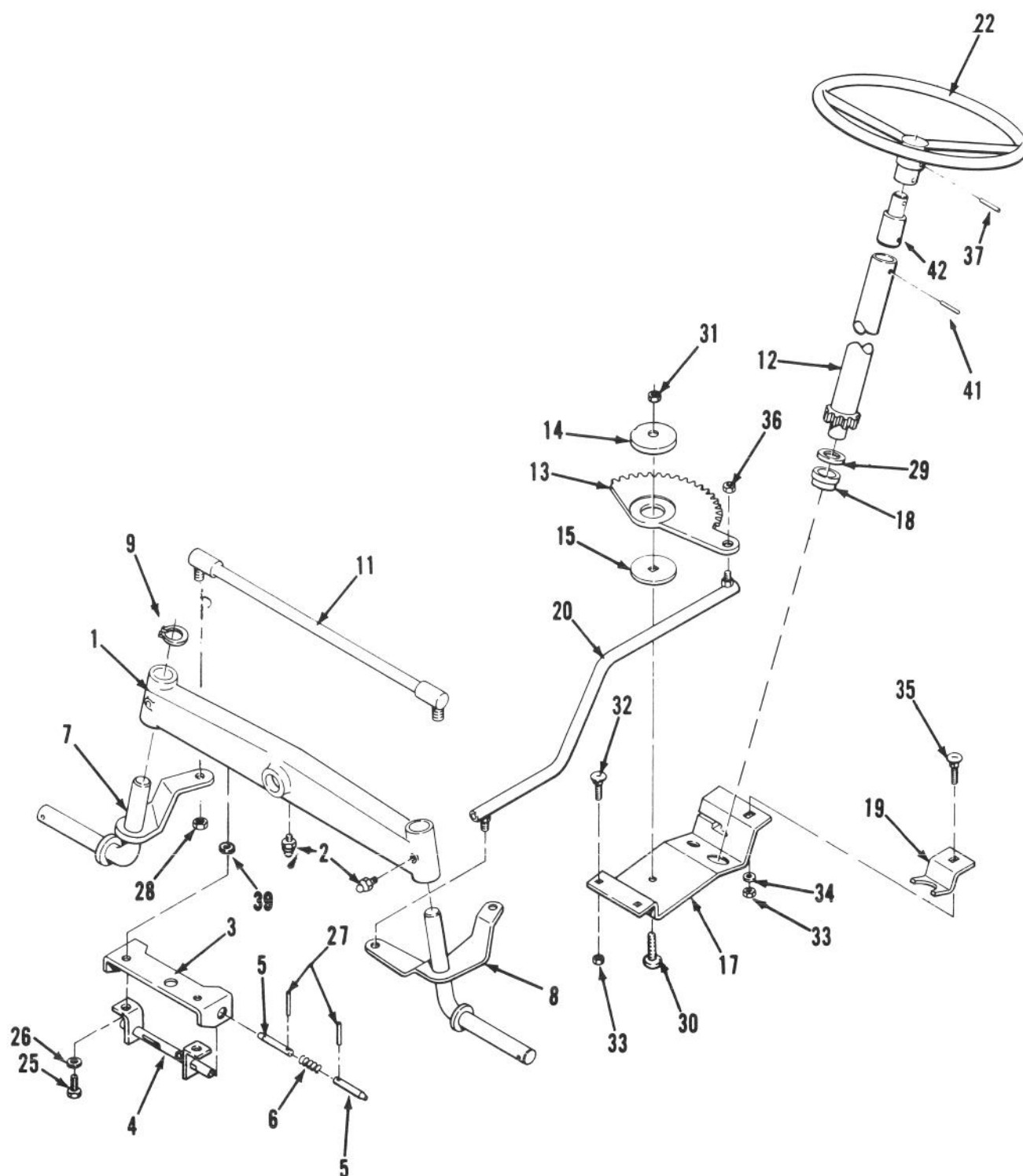
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Figure 4-2 Frame, Sheet Metal and Covers

SECTION 4 - FRAME, SHEET METAL AND COVERS

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 4-2			
FRAME, SHEET METAL AND COVERS			
1	78-7540	Fender	1
2	116800	Hood & Grill	1
3	111480	Rod	1
4	107772	E-Ring	2
5	111536	Spring	2
6	117344	Handle w/Bracket	2
7	117432	Pop Rivet 1/8 x 3/16	4
8	915551	Nut #10-32 (optional)	2
9	116591	Head Light Bar (Includes items 22, 23, 24 & [2] of 26)	1
10	111392	Clip 212-H	1
11	MW8756	E.S. Wing Nut 1/4-20	1
12	103995	Special Washer	1
14	108547	Reflector	2
15	109193	Poprivet .188 x .57 Aluminum	4
16	900214	Carriage Bolt 5/16-18 x 3/4	8
17	938031	Bushing	1
18	910808	Screw #10-32 x 5/8 (optional)	2
19	920004	Washer #8 (used w/poprivet - production)	2
20	920079	Lockwasher #10 (optional)	2
21	915662	E.S. Hex Nut 5/16-18	8
22	116601	Light Bar	1
23	111684	Light Pods	2
24	111685	Retainers	4
25	116262	Light Sockets	2
26	7228	Light Bulb	2
27	115400	Hood Lanyard Cable	1
28	915470	E.S. Nut #10-24	1
29	913111	Machine Hd. Screw #10-24 x 1/2	1
30	112925	Backing Washer	1
32	115413	Clevis	2
34	920081	Lock Washer 1/4	1
35	908003	Bolt 1/4-20 x 3/4	1
36	913111	Screw #10-24 x 1/2	1
37	915740	E.S. Nut #10-24	1
38	5977	Nyliner Bushing	2
39	920008	Washer 5/16 SAE	2
40	932008	Cotterpin 3/32 x 3/4	2

SECTION 5 - FRONT AXLE AND STEERING



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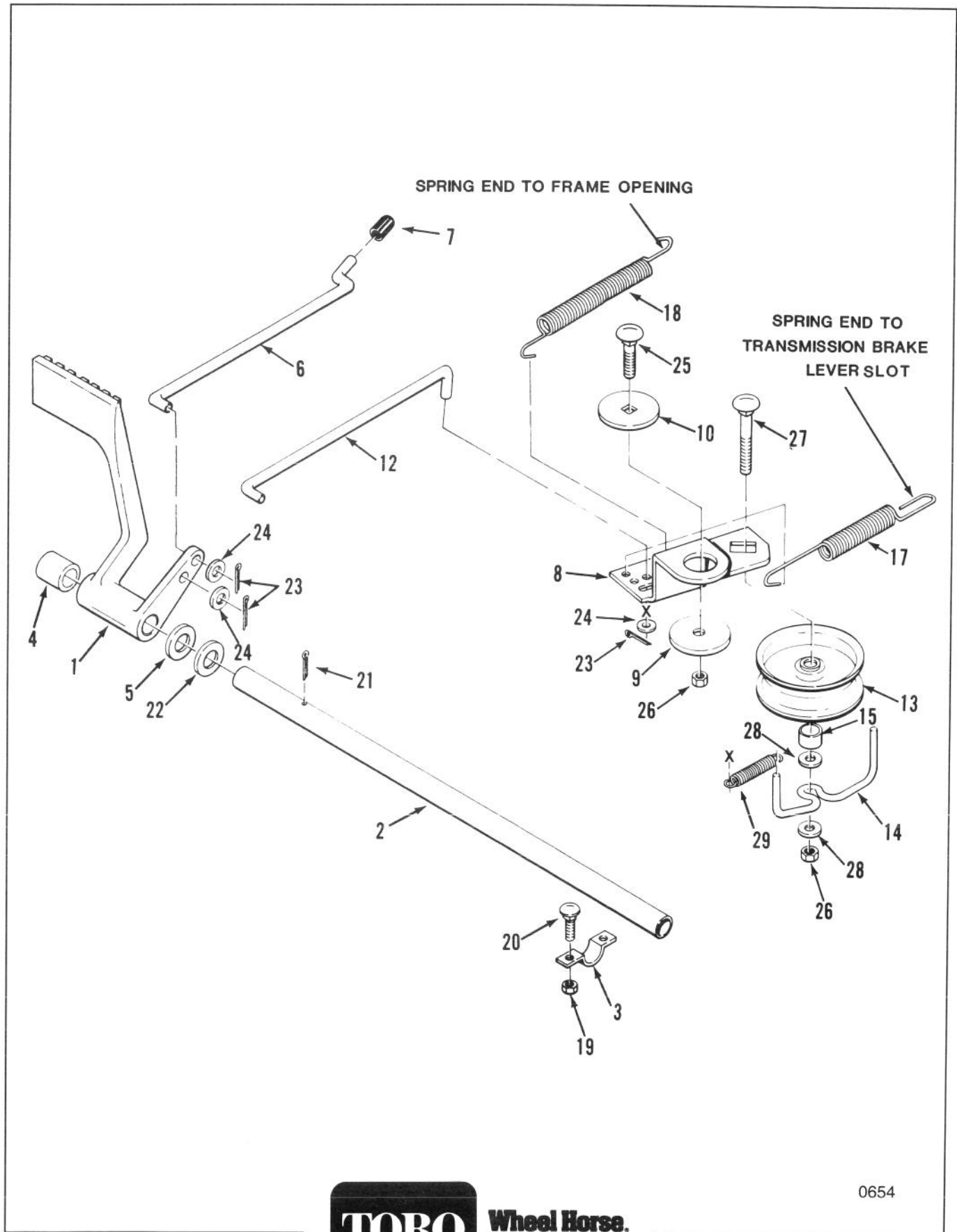
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Figure 5-1 Front Axle and Steering

SECTION 5 - FRONT AXLE AND STEERING

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 5-1			
FRONT AXLE AND STEERING			
1	114385	Axle - Front.....	1
2	1030	Grease Fitting.....	3
3	112847	Support Bracket	1
4	113044	Tube.....	1
5	113030	Pin	2
6	111531	Spring.....	1
7	111406	Spindle RH.....	1
8	111409	Spindle LH.....	1
9	104822	Retaining Ring 3/4	2
11	112981	Tie Rod.....	1
12	111413	Pinion Shaft.....	1
13	111417	Sector Gear	1
14	111418	Eccentric Bushing	1
15	111419	Washer	1
17	114943	Steering Gear Bracket 212-5.....	1
	117327	Steering Gear Bracket 212-H	1
18	110391	Bushing	1
19	111422	Retainer.....	1
20	111423	Drag Link Rod	1
22	117337	Steering Wheel 212's.....	1
25	908018	Screw Hex Hd. Cap 5/16-18 x 7/8	2
26	920082	Lockwasher 5/6.....	2
27	933268	Spirol Pin 3/16 x 1-1/2.....	2
28	915692	E.S. Nut 5/16-24.....	2
29	3765	Washer .050.....	X
30	900235	Bolt 3/8-16 x 1-1/4.....	1
31	108881	Lock Hex Nut 3/8-16	1
32	900037	Bolt 5/16-18.....	2
33	915662	E.S. Hex Nut 5/16-18	3
34	920008	Washer 5/16 SAE	1
35	920038	Bolt 5/16-18 x 1	1
36	915002	E.S. Hex Nut 3/8-24	2
37	933272	Spirol Pin 5/16 x 1-3/8.....	1
39	2844	Special Washer	2
41	933221	Spirol Pin 1/4 x 2.....	1
42	116480	Shaft Coupler	1

SECTION 6 - BRAKE AND CLUTCH LINKAGE



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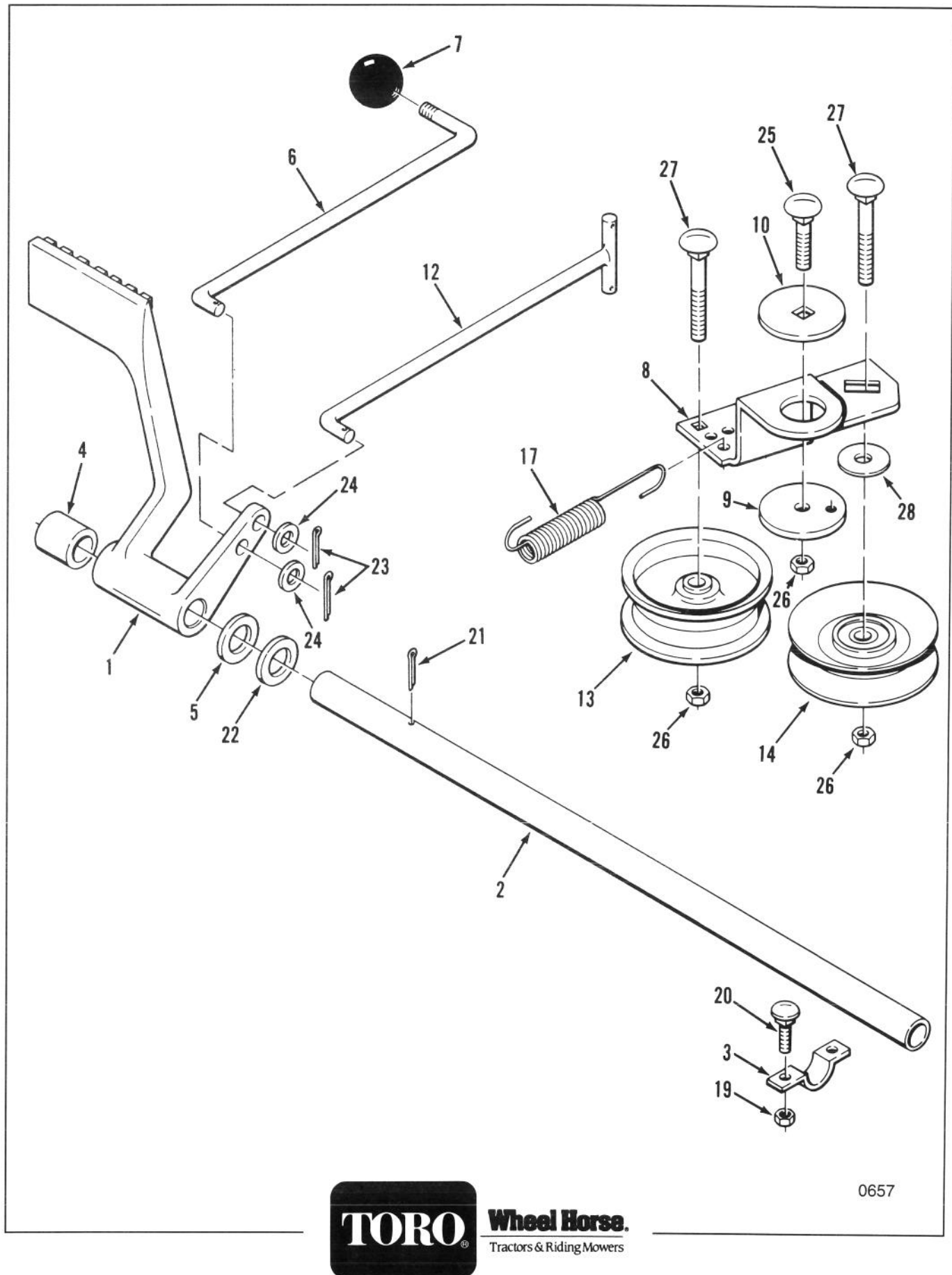
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Figure 6-1 Mechanical Transmission Brake and Clutch Linkage

SECTION 6 - BRAKE AND CLUTCH LINKAGE

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 6-1			
MECHANICAL TRANSMISSION BRAKE AND CLUTCH LINKAGE			
1	111436	Clutch/Brake Pedal	1
2	111437	Pedal Shaft.....	1
3	106288	Shaft Clamp	2
4	110015	Spacer.....	1
5	111712	Wave Washer.....	1
6	112984	Lock Rod.....	1
7	111439	Grip.....	1
8	114859	Idler Arm.....	1
9	111418	Eccentric Bushing	1
10	111419	Washer	1
12	113129	Clutch/Brake Rod.....	1
13	111422	Idler Pulley.....	1
14	111443	Belt Guide	1
15	104525	Spacer.....	1
17	111445	Brake Spring (9.75").....	1
18	111446	Clutch Spring (8").....	1
19	915662	E.S. Hex Nut 5/16-18	4
20	900037	Carriage Bolt 5/16-18 x 3/4.....	4
21	932025	Cotter Pin 5/32 x 1	1
22	920215	Washer	1
23	932008	Cotter Pin 3/32 x 3/4	3
24	900008	Washer	3
25	900064	Carriage Bolt 3/8-16 x 1-1/4.....	1
26	915663	E.S. Hex Nut 3/8-16	2
27	900239	Carriage Bolt 3/8-16 x 2-1/4.....	1
28	920009	Washer 3/8 SAE	2
29	116150	Extension Spring (1.656").....	1

SECTION 6 - BRAKE AND CLUTCH LINKAGE



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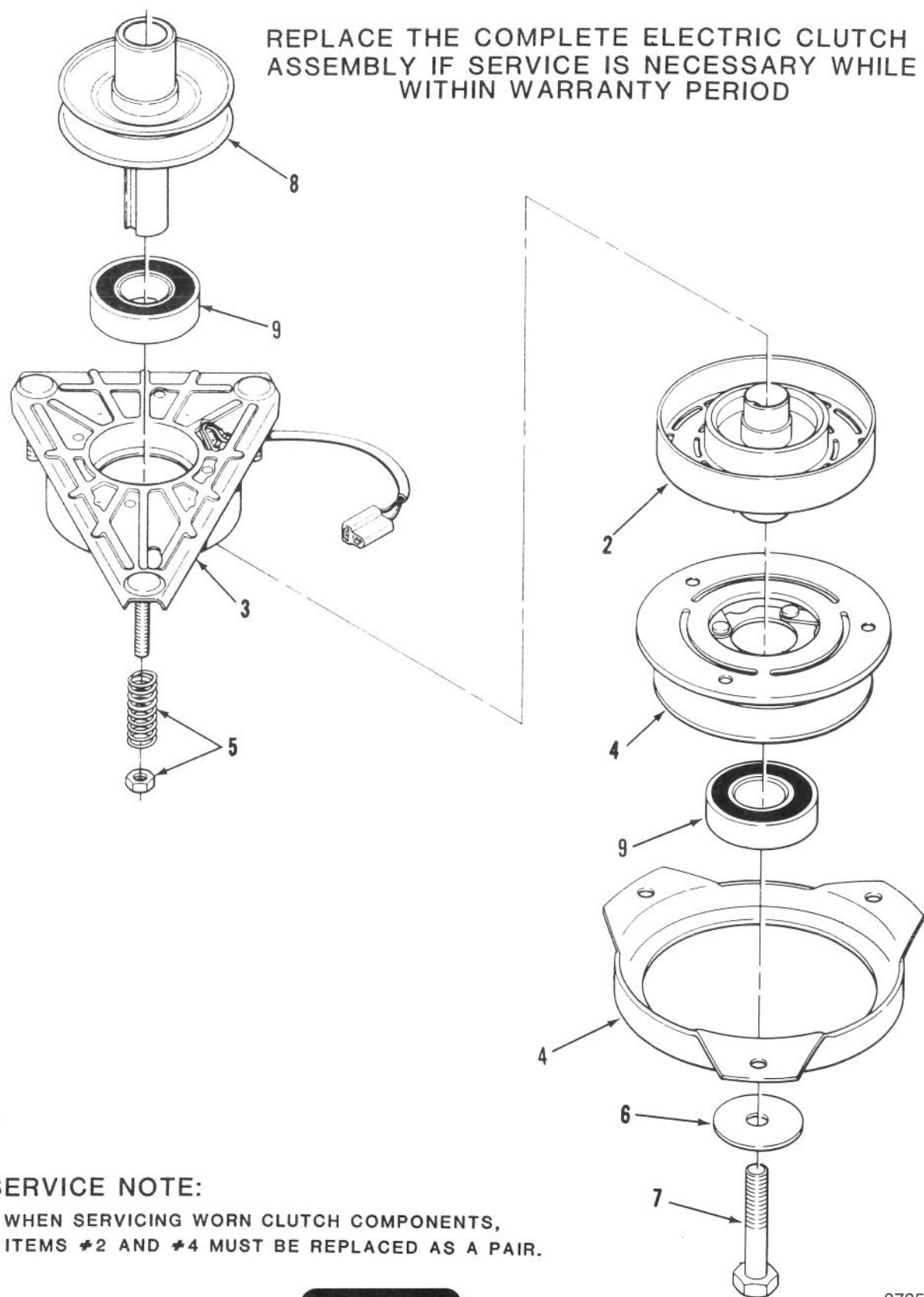


Figure 6-2 Hydrostatic Transaxle Brake and Idler Linkage

SECTION 6 - BRAKE AND CLUTCH LINKAGE

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 6-2			
HYDROSTATIC TRANSAXLE BRAKE AND IDLER LINKAGE			
1	114418	Brake Pedal.....	1
2	111437	Pedal Shaft.....	1
3	106288	Shaft Clamp	2
4	100015	Spacer.....	1
5	111712	Wave Washer.....	1
6	114705	Lock Rod.....	1
7	111070	Knob.....	1
8	114034	Idler Arm.....	1
9	111418	Eccentric Bushing	1
10	111419	Washer.....	1
12	114707	Brake Rod.....	1
13	111442	Flat Idler Pulley	1
14	109444	V-Idler Pulley	1
17	102572	Idler Spring (4.93").....	1
19	915662	E.S. Hex Nut 5/16-18	4
20	900037	Carriage Bolt 5/16-18 x 3/4.....	4
21	932025	Cotter Pin 5/32 x 1	1
22	920215	Washer.....	1
23	932008	Cotter Pin 3/32 x 3/4	3
24	920008	Washer 5/16 SAE	3
25	900064	Carriage Bolt 3/8-16 x 1-1/4.....	1
26	915663	E.S. Hex Nut 3/8-16	3
27	900237	Carriage Bolt 3/8-16 x 2-1/4.....	2
28	920039	Washer 3/8 US.....	1

SECTION 7 - ENGINE PULLEY AND PTO CLUTCH



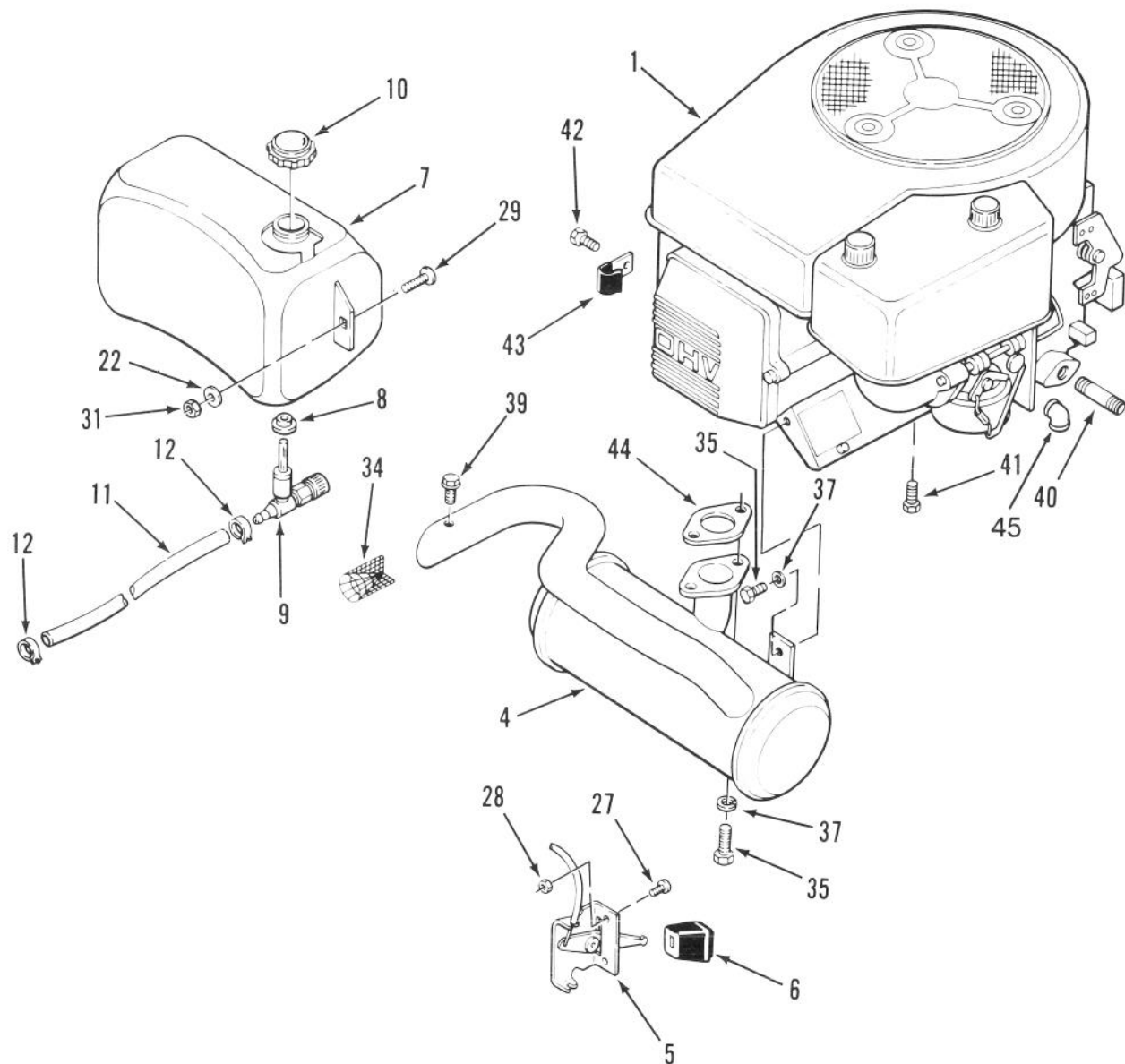
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Figure 7-1 Engine Pulley and PTO Clutch

SECTION 7 - ENGINE PULLEY AND PTO CLUTCH

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 7-1			
ENGINE PULLEY AND PTO CLUTCH			
1	112849	Electric Clutch Assembly (Includes items 2, 3, 4, & 5).....	1
2	113280	Rotor Assembly.....	1
3	113821	Field Assembly (Includes one of item 9).....	1
4	113822	Armature and Pulley Assembly (Includes one of item 9 and Brake Plate)	1
5	113823	Spring & Nuts.....	3
6	112843	Washer.....	1
7	112853	Bolt M 10 x 1.5 x 120	1
8	112858	Engine Pulley	1
9	114064	Ball Bearing.....	2

SECTION 9 - ENGINE, FUEL AND EXHAUST SYSTEMS



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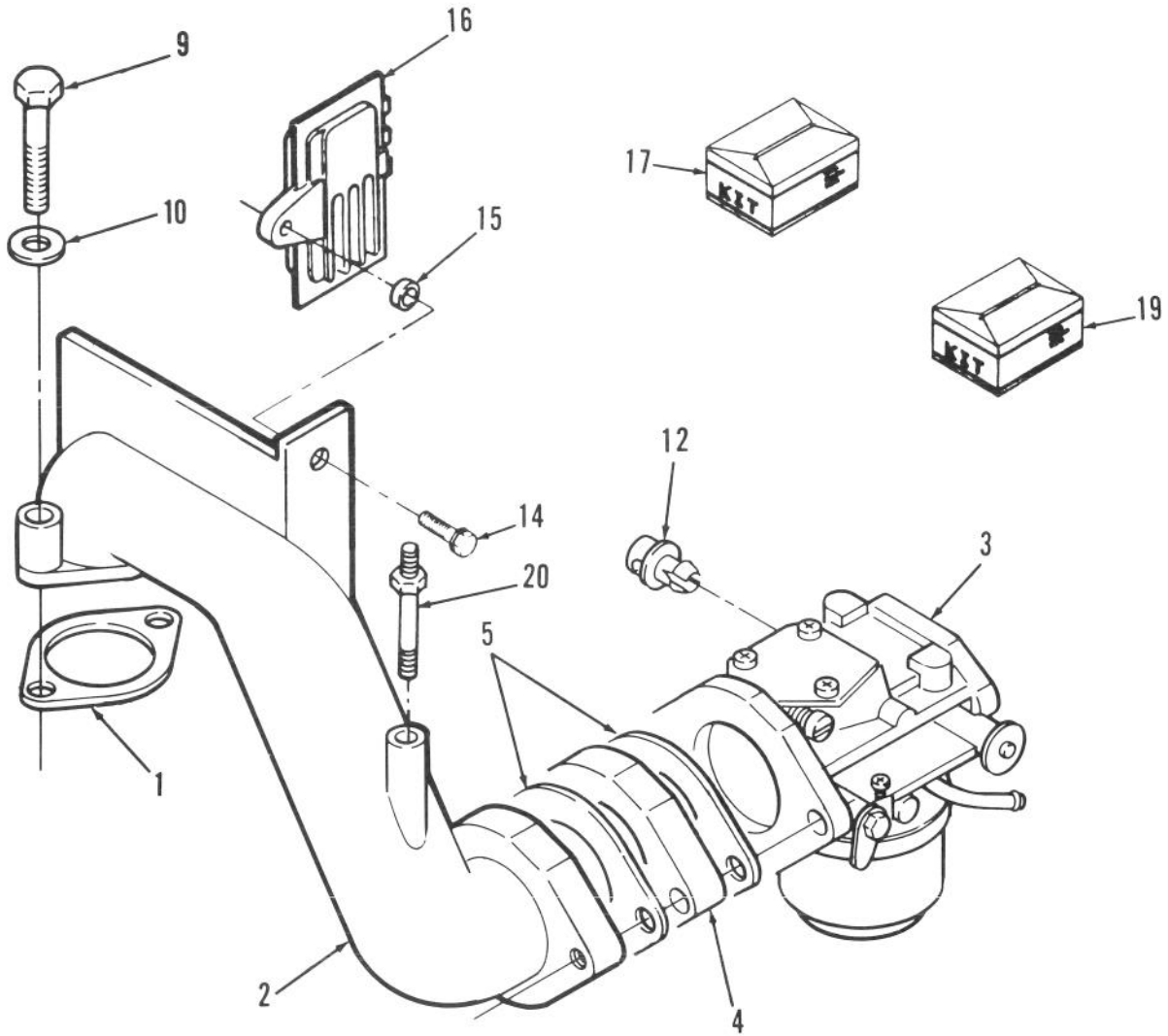
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Figure 9-1 Engine, Fuel and Exhaust Systems

SECTION 9 - ENGINE, FUEL AND EXHAUST SYSTEMS

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-1			
ENGINE, FUEL AND EXHAUST SYSTEMS			
1	78-3330	Engine - 12HP - B&S Model 281707-0226-01 Model 212-HA.....	1
	116799	Engine - 12HP - TORO POWER PLUS Model E125V-N/10964B 212-5A	1
4	116702	Muffler - Black	1
5	117256	Choke/Throttle Control.....	1
6	116454	Knob	1
7	111473	Fuel Tank.....	1
8	104047	Bushing	1
9	104048	Valve.....	1
10	111474	Gas Cap	1
11	117225	Fuel Line 25.5"	1
12	108898	Hose Clamp	2
19	908022	Hex Hd. Cap Screw 5/16-18 x 1-3/4.....	2
20	915662	E.S. Hex Nut 5/16-18	5
22	920008	Washer 5/16 SAE	2
24	908001	Hex Bolt 1/4-20 x 1/2	1
25	920007	Washer 1/4 SAE	3
26	915112	Eslok Hex Nut 5/16-18.....	1
27	910792	Pan Hd. Screw #10-24.....	1
28	915740	E.S. Hex Nut #10-24	2
29	900037	Carriage Bolt 5/16-18 x 3/4.....	2
31	915662	E.S. Hex Nut 5/16-18	2
32	116764	Elbow 90° 3/8.....	1
34	115356	Spark Arrestor	1
35	113113	Socket Allen Hd. Screw M8 x 1.25 x 20	2
37	920082	Lock Washer 5/16	3
39	911652	Screw #8-15 x 1/2	1
40	114636	Oil Drain Extension	1
41	926696	Screw 5/16-18 x 7/8	4
42	113113	Bolt M8 x 1.25 x 20	2
43	111392	J-Clip	2
44	117184	Gasket.....	1
45	114764	Elbow.....	1

SECTION 9 - 12HP ENGINE CARBURETOR ASSEMBLY



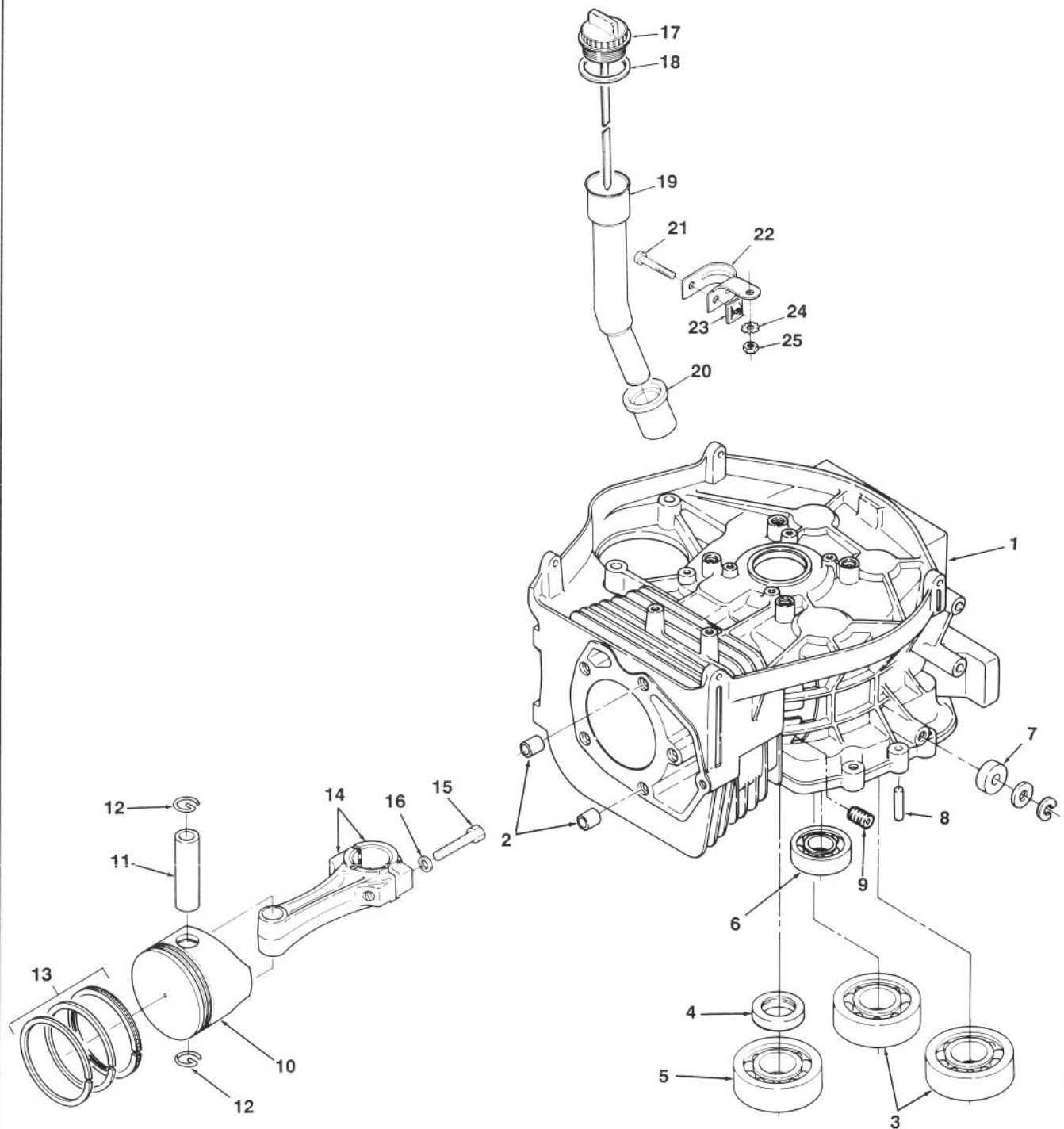
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Figure 9-2 12HP Engine Carburetor Assembly

SECTION 9 - 12HP ENGINE CARBURETOR ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-2			
12HP ENGINE CARBURETOR ASSEMBLY			
1	NN10666	Gasket.....	1
2	NN10818	Elbow - Intake	1
3	NN10668	Carburetor Assembly	1
4	NN10669	Insulator	1
5	NN10670	Gasket.....	2
9	79-5820	Screw - Cap Hex Hd.	2
10	79-5830	Washer - Flat.....	2
12	NN10674	Clip - Link	2
14	NN10792	Screw - Hex Washer Hd.	1
15	NN10218	Bushing	1
16	NN10794	Regulator - Voltage	1
17	NN10261	Kit - Float.....	1
19	NN10907	Kit - Carburetor Repair.....	1
20	NN10701	Stud.....	1

SECTION 9 - 12HP ENGINE CYLINDER BLOCK ASSEMBLY



Wheel Horse.
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Figure 9-3 12HP Engine Cylinder Block Assembly

SECTION 9 - 12HP ENGINE CYLINDER BLOCK ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-3			
12HP ENGINE CYLINDER BLOCK ASSEMBLY			
1	NN10852	Block - Cylinder	1
2	NN10626	Pin - Dowel	2
3	NN10678	Bearing - Ball	2
4	NN10569	Seal - Oil	1
5	NN10570	Bearing - Crankshaft	1
6	NN10571	Bearing - Camshaft	1
7	NN10646	Seal - Governor Shaft	1
8	79-5840	Pin - Alignment	2
9	NN10653	Plug - Pipe	1
10	NN10579	Kit - Piston (Standard) (Includes items 11 & 12)	1
*	NN10580	Kit - Piston (.25mm Oversize) (Includes items 11 & 12)	1
*	NN10581	Kit - Piston (.50mm Oversize) (Includes items 11 & 12)	1
11	NN10582	Pin - Piston	1
12	NN10583	Ring - Retaining	2
13	NN10584	Set - Piston Ring (Standard)	1
*	NN10585	Set - Piston Ring (.25mm Oversize)	1
*	NN10586	Set - Piston Ring (.50mm Oversize)	1
14	NN10587	Kit - Connecting Rod (Standard) (Includes items 15 & 16)	1
*	NN10588	Kit - Connecting Rod (.25mm Undersize) (Includes items 15 & 16)	1
*	NN10589	Kit - Connecting Rod (.50mm Undersize) (Includes items 15 & 16)	1
15	NN10590	Bolt	2
16	NN10591	Washer	2
17	NN10688	Indicator (Includes item 18)	1
18	NN10323	Seal - O-Ring	1
19	NN10689	Tube	1
20	NN10690	Seal	1
21	82-1560	Screw	1
22	NN10691	Bracket - Support	1
23	82-1700	Nut - Speed	1
24	NN10740	Washer - Lock	1
25	NN10768	Nut	1

SECTION 9 - 12HP ENGINE CRANKSHAFT AND CAMSHAFT ASSEMBLY

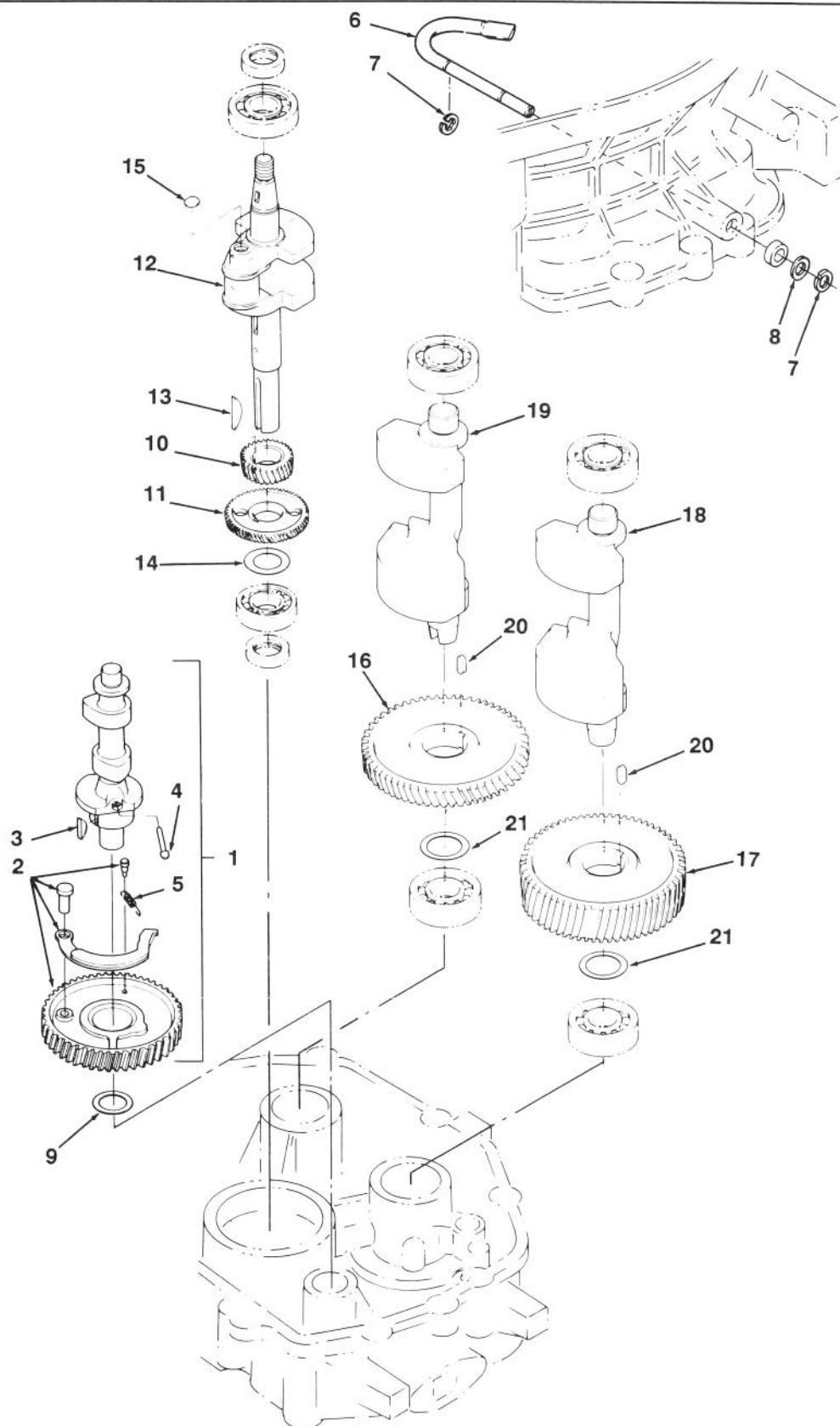
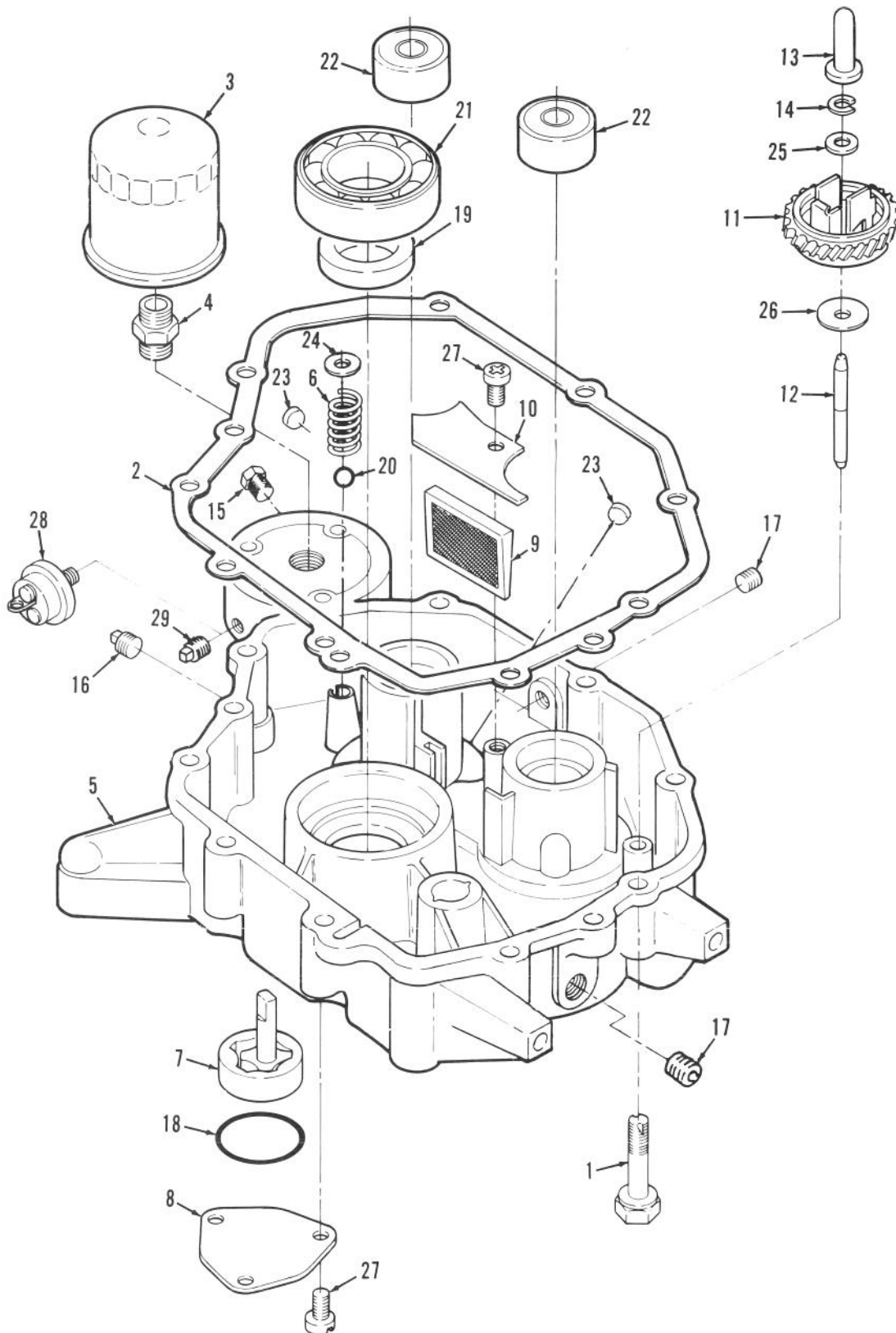


Figure 9-4 12 HP Engine Crankshaft and Camshaft Assembly

SECTION 9 - 12HP ENGINE CRANKSHAFT AND CAMSHAFT ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-4			
12HP ENGINE CRANKSHAFT AND CAMSHAFT ASSEMBLY			
1	NN10627	Camshaft Assembly (Includes items 2-5)	1
2	NN10642	Camgear Assembly.....	1
3	NN10643	Key - Camgear	1
4	NN10644	Pin	1
5	NN10645	Spring.....	1
6	NN10640	Lever.....	1
7	NN10641	Clip - Retaining.....	2
8	82-1350	Washer.....	1
9	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
10	NN10742	Gear - Crankshaft	1
11	NN10743	Gear - Balancer.....	1
12	NN10744	Crankshaft.....	1
13	NN10745	Key - Gear	1
14	NN10746	Shim - Crankshaft (.20mm).....	1
*	NN10747	Shim - Crankshaft (.30mm).....	1
*	NN10748	Shim - Crankshaft (.40mm).....	1
*	NN10749	Shim - Crankshaft (.50mm).....	1
*	79-5850	Shim - Crankshaft (.70mm).....	1
*	79-5860	Shim - Crankshaft (.80mm).....	1
15	NN10750	Plug	1
16	NN10751	Gear	1
17	NN10752	Gear	1
18	NN10753	Shaft.....	1
19	NN10754	Shaft.....	1
20	NN10755	Key - Gear	2
21	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

SECTION 9 - 12HP ENGINE OIL BASE AND PUMP ASSEMBLY



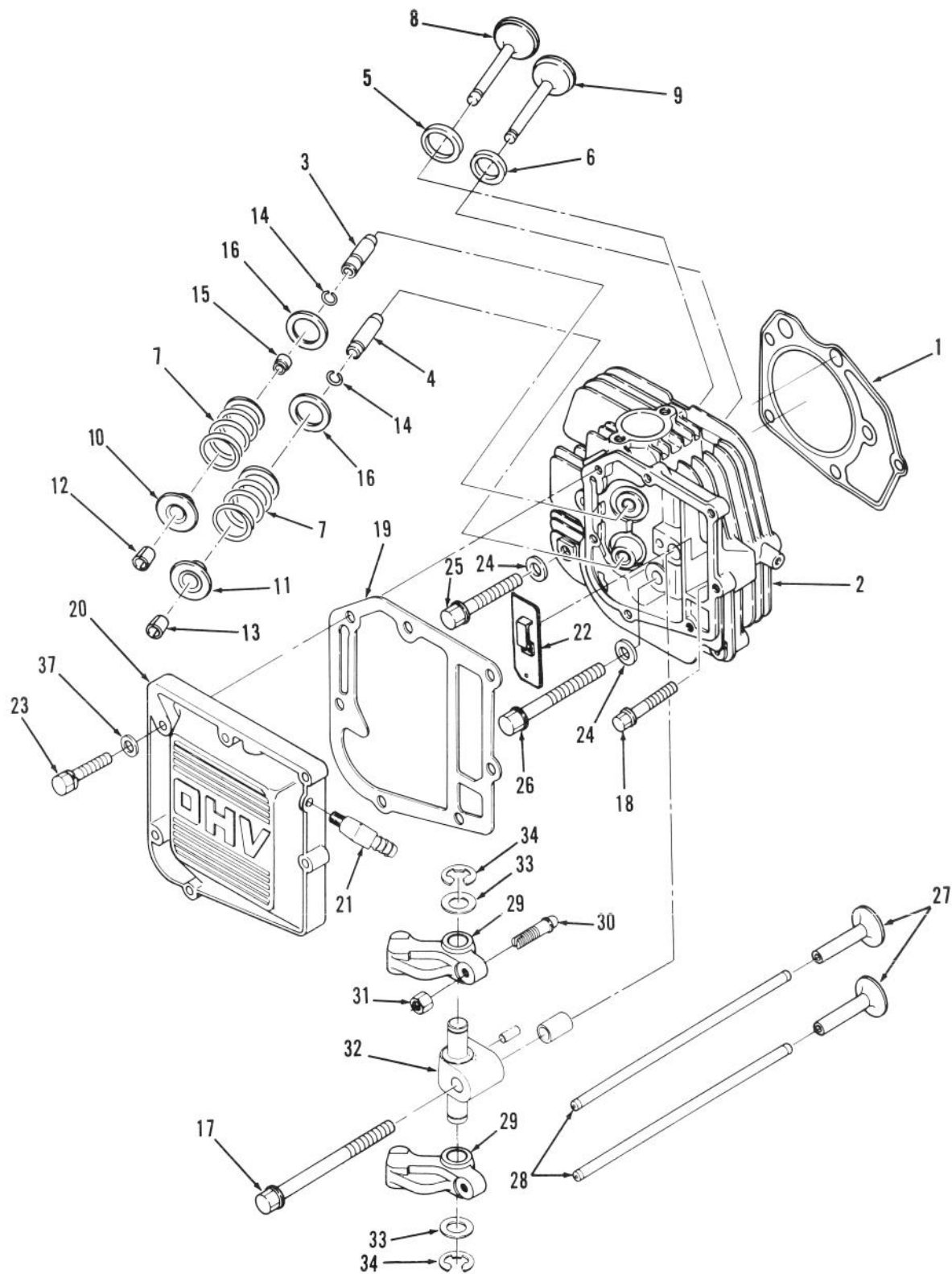
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Figure 9-5 12 HP Engine Oil Base and Pump Assembly

SECTION 9 - 12HP ENGINE OIL BASE AND PUMP ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-5			
12HP ENGINE OIL BASE AND PUMP ASSEMBLY			
1	NN10680	Bolt	9
2	NN10681	Gasket - Oil Base	1
3	NN10684	Filter - Oil	1
4	NN10685	Adapter - Oil Filter	1
5	NN10675	Base - Oil	1
6	NN10133	Spring - Relief Valve	1
7	NN10572	Pump - Oil	1
8	NN10573	Cover - Oil Pump	1
9	NN10577	Screen - Oil Pickup	1
10	NN10578	Cover - Screen	1
11	NN10636	Gear - Governor	1
12	NN10637	Shaft - Governor	1
13	NN10638	Sleeve - Governor	1
14	NN10639	Stop - Governor	1
15	NN10687	Plug - Pipe	2
16	82-1130	Plug - Pipe	1
17	NN10686	Plug - Pipe	2
18	NN10575	Seal - O-Ring	1
19	NN10569	Seal - Oil	1
20	NN10534	Ball - Steel	1
21	NN10677	Bearing - Ball	1
22	NN10678	Bearing - Ball	2
23	59-0760	Plug	2
24	NN10539	Ring - Retaining	1
25	NN10628	Washer - Flat	1
26	NN10629	Washer - Flat	1
27	NN10868	Screw - Torx Pan Hd.	4
28	NN10813	Switch - Oil Pressure	1
29	NN10307	Plug - Pipe	1

SECTION 9 - 12HP ENGINE CYLINDER HEAD AND VALVES ASSEMBLY



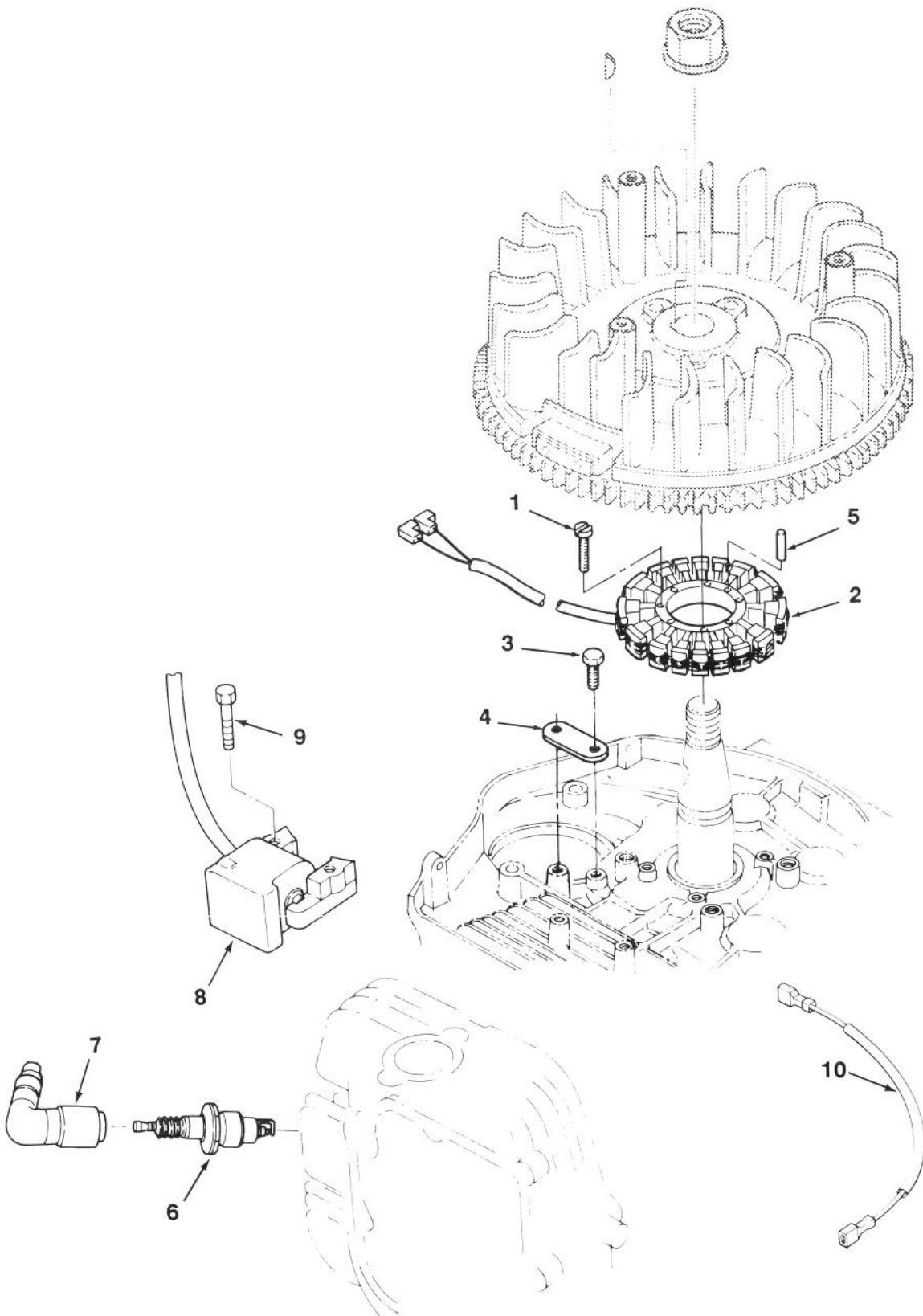
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Figure 9-6 12 HP Engine Cylinder Head and Valves Assembly

SECTION 9 - 12HP ENGINE CYLINDER HEAD AND VALVES ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-6			
12HP ENGINE CYLINDER HEAD AND VALVES ASSEMBLY			
1	NN10592	Gasket - Cylinder Head.....	1
2	NN10593	Cylinder Head Assembly (Includes items 3-16)	1
*	NN10594	Cylinder Head Assembly (Includes items 3-6)	1
3	79-5880	Guide - Intake Valve.....	1
4	79-5870	Guide - Exhaust Valve	1
5		Seat - Intake Valve	1
6		Seat - Exhaust Valve.....	1
7	NN10597	Spring - Valve.....	2
8	NN10598	Valve - Intake.....	1
9	NN10599	Valve - Exhaust	1
10	NN10600	Retainer - Intake.....	1
11	NN10601	Retainer - Exhaust	1
12	NN10602	Lock - Intake.....	1
13	NN10603	Lock - Exhaust	1
14	NN10604	Ring.....	2
15	NN10605	Seal - Intake	1
16	NN10606	Washer.....	2
17	NN10607	Bolt	1
18	NN10608	Bolt	1
19	NN10609	Gasket.....	1
20	NN10610	Cover - Valve.....	1
21	NN10611	Fitting - 45°	1
22	NN10612	Breather	1
23	NN10613	Screw - Hex Socket Hd.	7
24	NN10614	Washer.....	2
25	NN10615	Bolt	2
26	NN10616	Bolt	2
27	NN10617	Tappet.....	2
28	NN10618	Rod - Push	2
29	NN10619	Rocker Arm Assembly (Includes items 30 & 31)	1
30	NN10620	Screw	2
31	NN10621	Nut.....	2
32	NN10622	Shaft - Rocker Arm	1
33	NN10623	Washer - Rocker Arm	2
34	NN10624	Clip - Retainer	2
35	NN10625	Pin - Dowel.....	1
36	NN10626	Pin - Dowel (Hollow).....	1
37	82-1340	Washer - Flat.....	7

SECTION 9 - 12HP ENGINE IGNITION ASSEMBLY



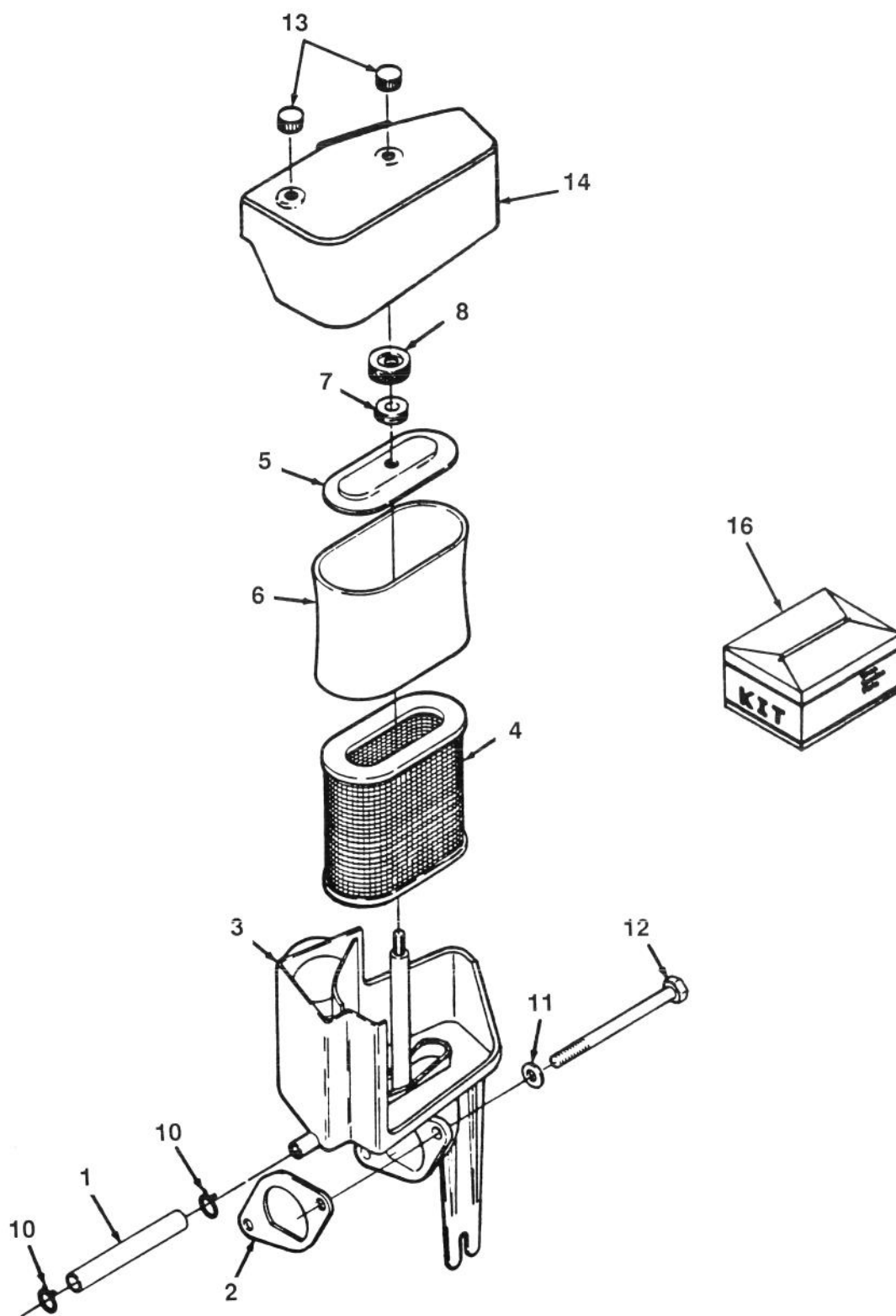
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Figure 9-7 12 HP Engine Ignition Assembly

SECTION 9 - 12HP ENGINE IGNITION ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-7			
12HP ENGINE IGNITION ASSEMBLY			
1	NN10735	Screw - Torx Pan Hd.	2
2	NN10734	Stator.....	1
3	NN10733	Bolt - Hex Hd.....	1
4	79-5890	Clamp - Cord.....	1
5	79-5900	Pin - Alignment.....	2
6	NN10820	Plug - Spark	1
7	NN10729	Lead	1
8	NN10730	Coil - Ignition	1
9	NN10731	Bolt - Hex Hd.....	2
10	NN10673	Harness - Regulator.....	1

SECTION 9 - 12HP ENGINE AIR CLEANER ASSEMBLY



Wheel Horse.
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Figure 9-8 12 HP Engine Air Cleaner Assembly

SECTION 9 - 12HP ENGINE AIR CLEANER ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 9-8			
12HP ENGINE AIR CLEANER ASSEMBLY			
1	NN10693	Hose - Breather.....	1
2	NN10694	Gasket.....	1
3	NN10899	Adapter.....	1
4	NN10872	Element.....	1
5	NN10697	Cover - Element.....	1
6	NN10698	Wrapper - Element.....	1
7	NN10704	Grommet.....	1
8	NN10703	Knob.....	1
10	NN10812	Clamp - Hose.....	2
11	82-1350	Washer - Flat.....	2
12	NN10702	Screw - Cap Hex Hd.	2
13	NN10700	Knob.....	2
14	NN10799	Cover - Air Cleaner.....	1
16	79-5910	Kit - Air Cleaner (Includes items 2-8 & 13-15).....	1

SECTION 10 - 12HP ENGINE GOVERNOR LINKAGE AND COVER ASSEMBLY

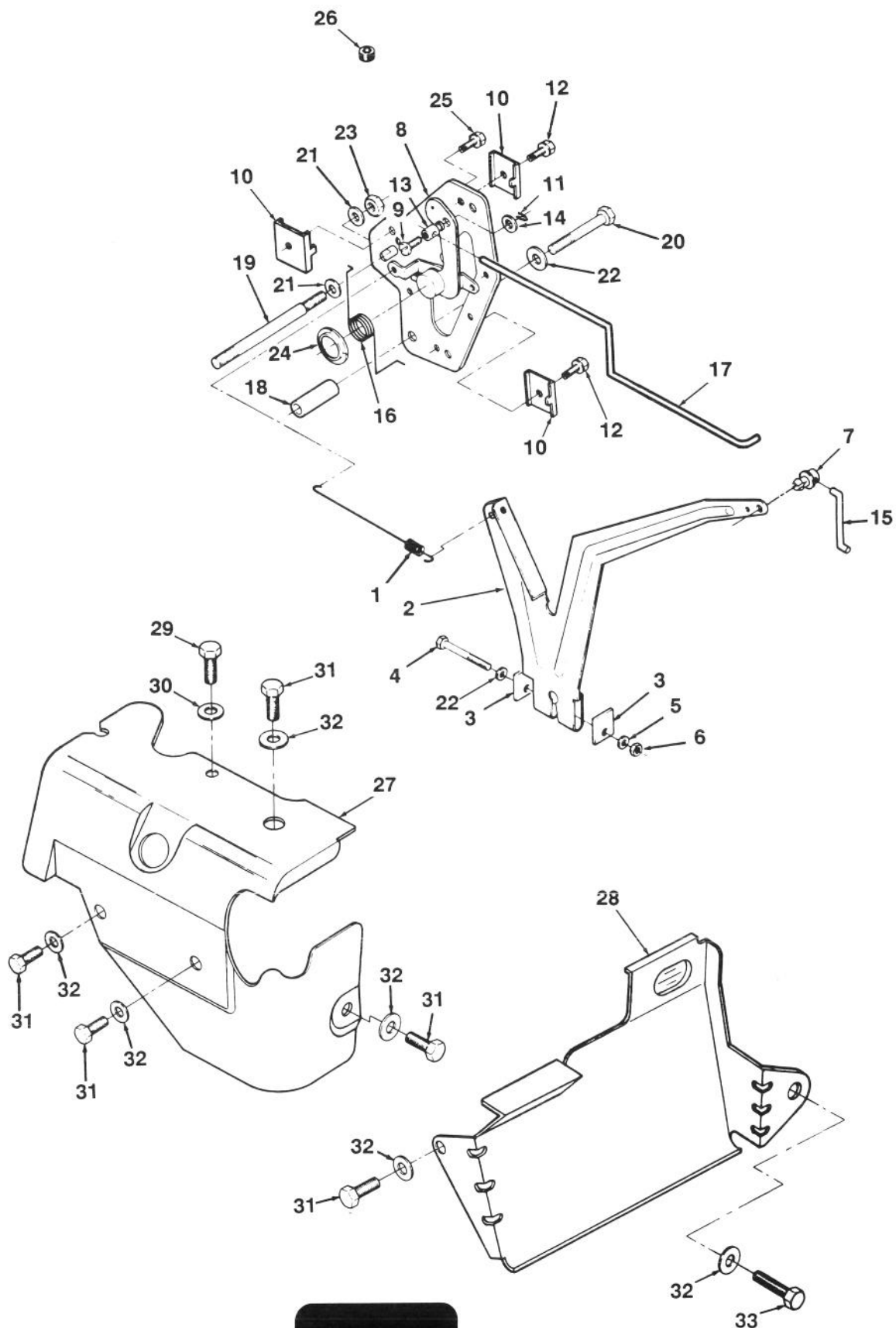


Figure 10-1 12 HP Engine Governor Linkage and Cover Assembly

SECTION 10 - 12HP ENGINE GOVERNOR LINKAGE AND COVER ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
-------------	-------------	-------------	--------------

Figure 10-1

12HP ENGINE GOVERNOR LINKAGE AND COVER ASSEMBLY

1	NN10657	Spring - Governor	1
2	NN10647	Lever - Governor	1
3	NN10816	Washer - Governor Lever.....	2
4	NN10648	Screw - Cap Hex Hd.	1
5	NN10740	Washer - Lock	1
6	NN10768	Nut - Hex	1
7	NN10674	Clip - Link	1
8	NN10651	Throttle Plate Assembly	1
9	NN10652	Screw - Machine	1
10	NN10653	Clamp - Cable	1
11	59-0720	Pin - Cotter	1
12	72-3900	Screw - Thread Forming	1
13	NN10656	Swivel - Choke Lever	1
14	59-0850	Washer - Flat.....	1
15	NN10658	Link - Throttle	1
16	NN10654	Spring - Choke Linkage	1
17	NN10659	Link - Choke	1
18	NN10660	Spacer.....	1
19	NN10661	Stud.....	1
20	NN10817	Screw - Thread Forming	1
21	82-1340	Washer - Flat.....	2
22	82-1350	Washer - Flat.....	2
23	NN10663	Nut - Hex	1
24	NN10344	Ring - Retaining	1
25	NN10785	Screw - Thread Forming	1
26	NN10683	Plug - Pipe.....	1
27	NN10722	Housing - Cylinder Air.....	1
28	NN10723	Deflector - Air	1
29	NN10725	Screw - Cap Hex Hd.	1
30	82-1340	Washer - Flat.....	1
31	NN10726	Screw - Cap Hex Hd.	5
32	82-1350	Washer - Flat.....	6
33	NN10727	Screw - Cap Hex Hd.	1

SECTION 10 - 12HP ENGINE FLYWHEEL AND COVER ASSEMBLY

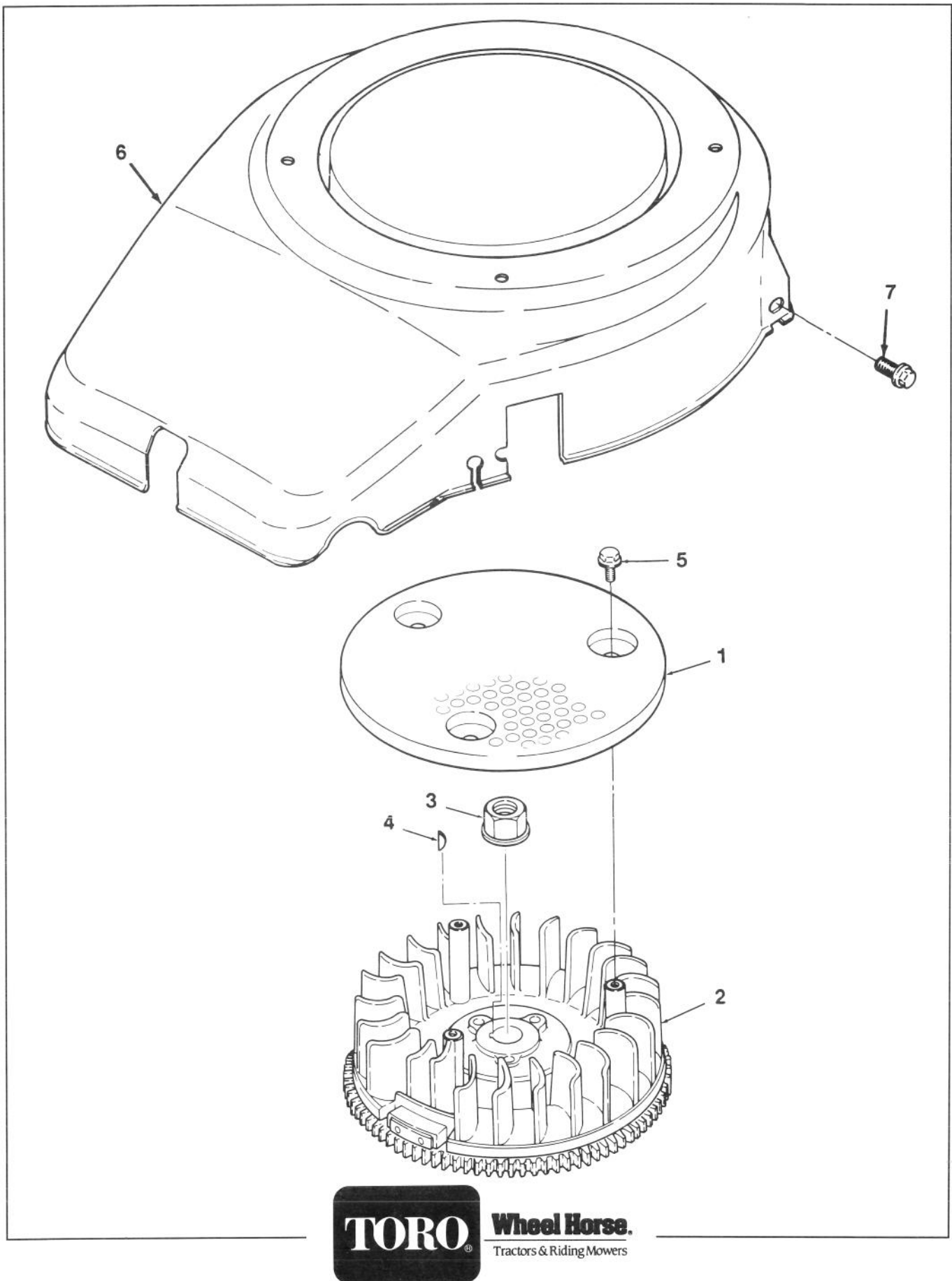


Figure 10-2 12 HP Engine Flywheel and Cover Assembly

SECTION 10 - 12HP ENGINE FLYWHEEL AND COVER ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 10-2			
12HP ENGINE FLYWHEEL AND COVER ASSEMBLY			
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	NN10720	Housing - Blower.....	1
7	NN10721	Bolt	4

SECTION 10 - 12HP ENGINE STARTER ASSEMBLY

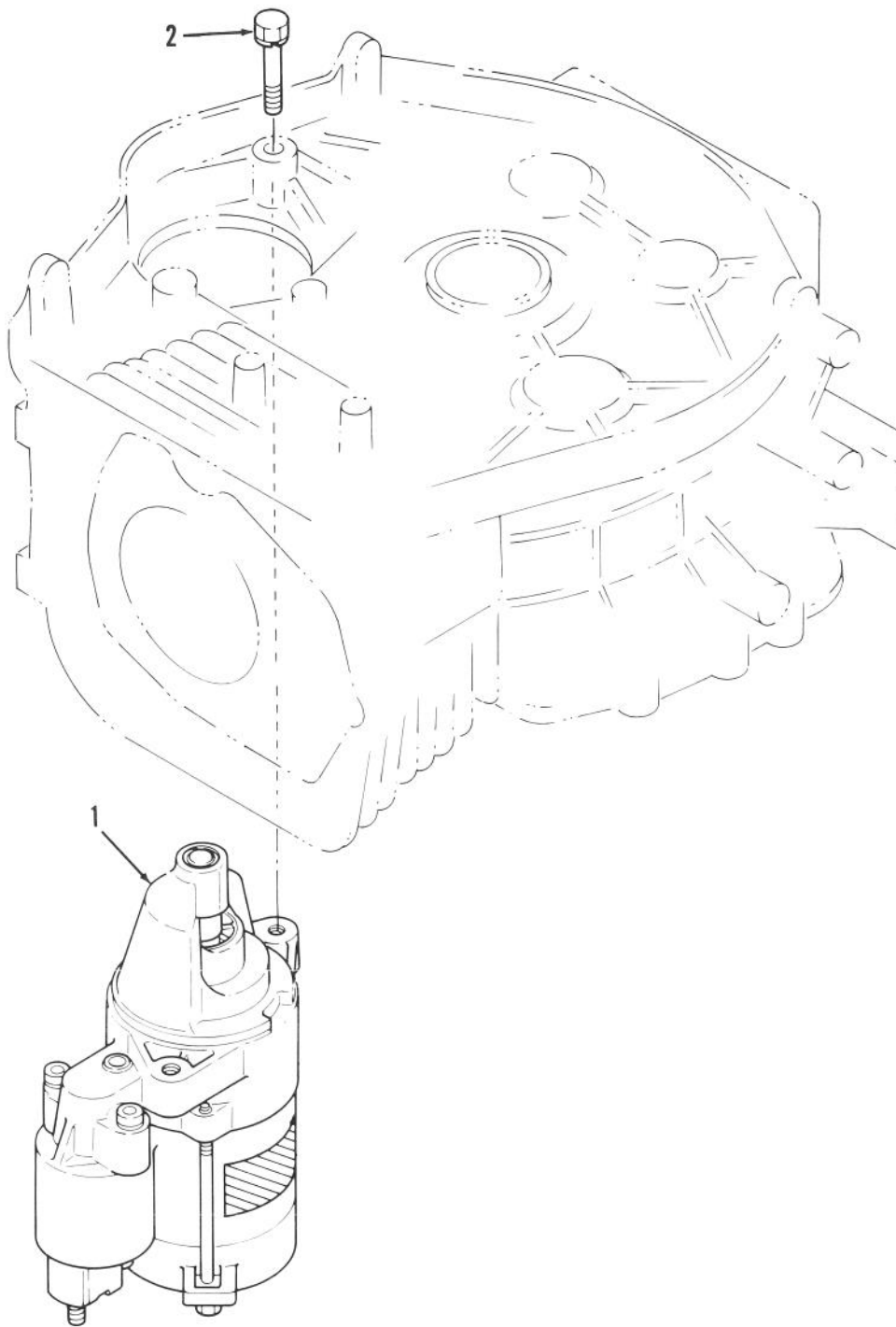
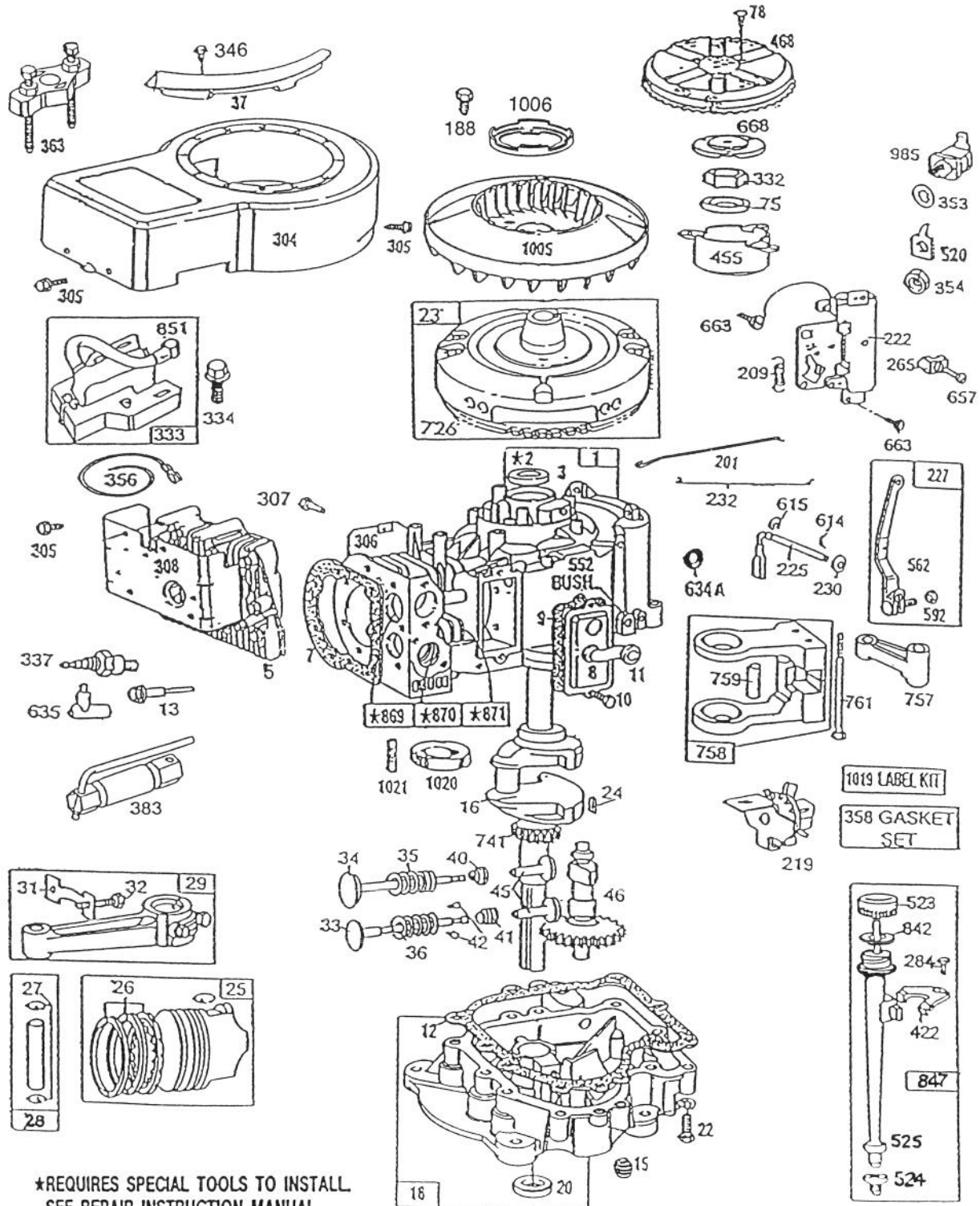


Figure 10-3 12 HP Engine Starter Assembly

SECTION 10 - 12HP ENGINE STARTER ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 10-3 12HP ENGINE STARTER ASSEMBLY			
1	NN10739	Starter	1
2	NN10738	Screw - Cap Hex Hd.	2

**ENGINE BRIGGS AND STRATTON MODEL
281707-0226-01**



Assemblies include all parts shown in frames.



Figure 10-4 Engine Briggs and Stratton Model 281707-0226-01

ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01			
1	490450	Cylinder Assembly	1
2	261623	Bearing - Cylinder	1
		Note: Requires Special Tools for Installation	
3	391086	Seal - Oil	1
5	491491	Head - Cylinder	1
*7	271866	Gasket - Cylinder Head	1
8	391406	Breather Assembly	1
*9	27803	Gasket - Valve Cover	1
10	93394	Screw - Sem	1
11	280100	Tube - Breather	1
*12	271916	Gasket - Crankcase Cover - 1/64" Thick	1
*	271997	Gasket - Crankcase Cover - .005" Thick	1
*	271996	Gasket - Crankcase Cover - .009" Thick	1
13	93723	Screw - Cylinder Head	1
		Note: 93781 Stud - Cylinder Head	
15	94239	Plug - Oil Drain	1
16	490466	Crankshaft	1
		Note: Order Part Number 94196 For Timing Gear Key	
18	490452	Base - Engine	1
20	291675	Seal - Oil	1
22	94305	Screw - Base Mounting	
23	492325	Flywheel and Ring Gear Assembly - Magneto	1
24	222698	Key - Flywheel	1
25	394661	Piston Assembly - Standard	1
	394662	Piston Assembly - .010" O.S.	1
	394663	Piston Assembly - .020" O.S.	1
	394664	Piston Assembly - .030" O.S.	1
		PISTON RING SETS:	
		Note: For Chrome Ring Set - Standard Size - Order No. 392331	
26	394665	Ring Set - Piston - Standard	1
	391781	Ring Set - Piston - .010" O.S.	1
	391782	Ring Set - Piston - .020" O.S.	1
	391783	Ring Set - Piston - .030" O.S.	1
27	260924	Lock - Piston Pin	1
28	299691	Pin Assembly - Piston - Standard	1
	391286	Pin Assembly - Piston - .005" O.S.	1
29	490348	Rod Assembly - Connecting	1
		Note: For Connecting Rod with .020" Undersize Crankpin Bore - Order No. 490469	
31	222299	Lock - Connecting Rod Screw	1
32	92909	Screw - Connecting Rod	1
33	262246	Valve - Exhaust	1
34	262247	Valve - Intake	1
35	65906	Spring - Intake Valve	1
36	26828	Spring - Exhaust Valve	1
37	223752	Guard - Flywheel	1
40	221596	Retainer - Intake Valve	
41	292260	Rotocoil - Exhaust Valve	1
42	93630	Retainer - Exhaust Valve Rotocoil	1
45	262248	Tappet - Valve	1
46	212897	Gear - Cam	1
75	220865	Washer - Spring	1
78	93805	Screw - Sem	1
188	93535	Screw - Sem	1
201	262348	Link - Governor	
209	260695	Spring - Governor	
219	490815	Oil Slinger, Governor Gear and Bracket Assembly	1
222	491594	Plate - Governor Control (Choke-A-Matic)	1
225	231058	Crank - Governor (1/4" Dia.)	1

* Not Illustrated

ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01

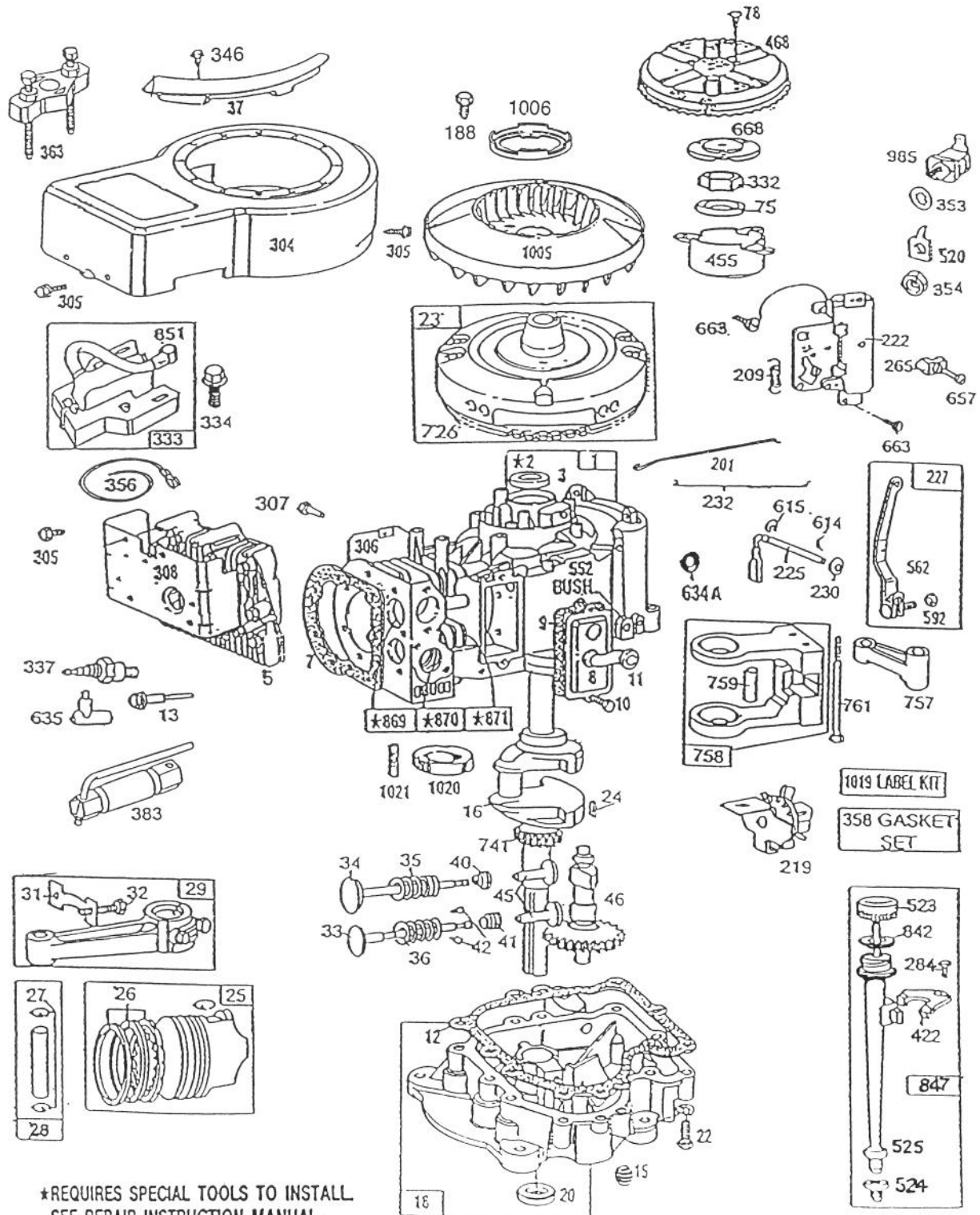
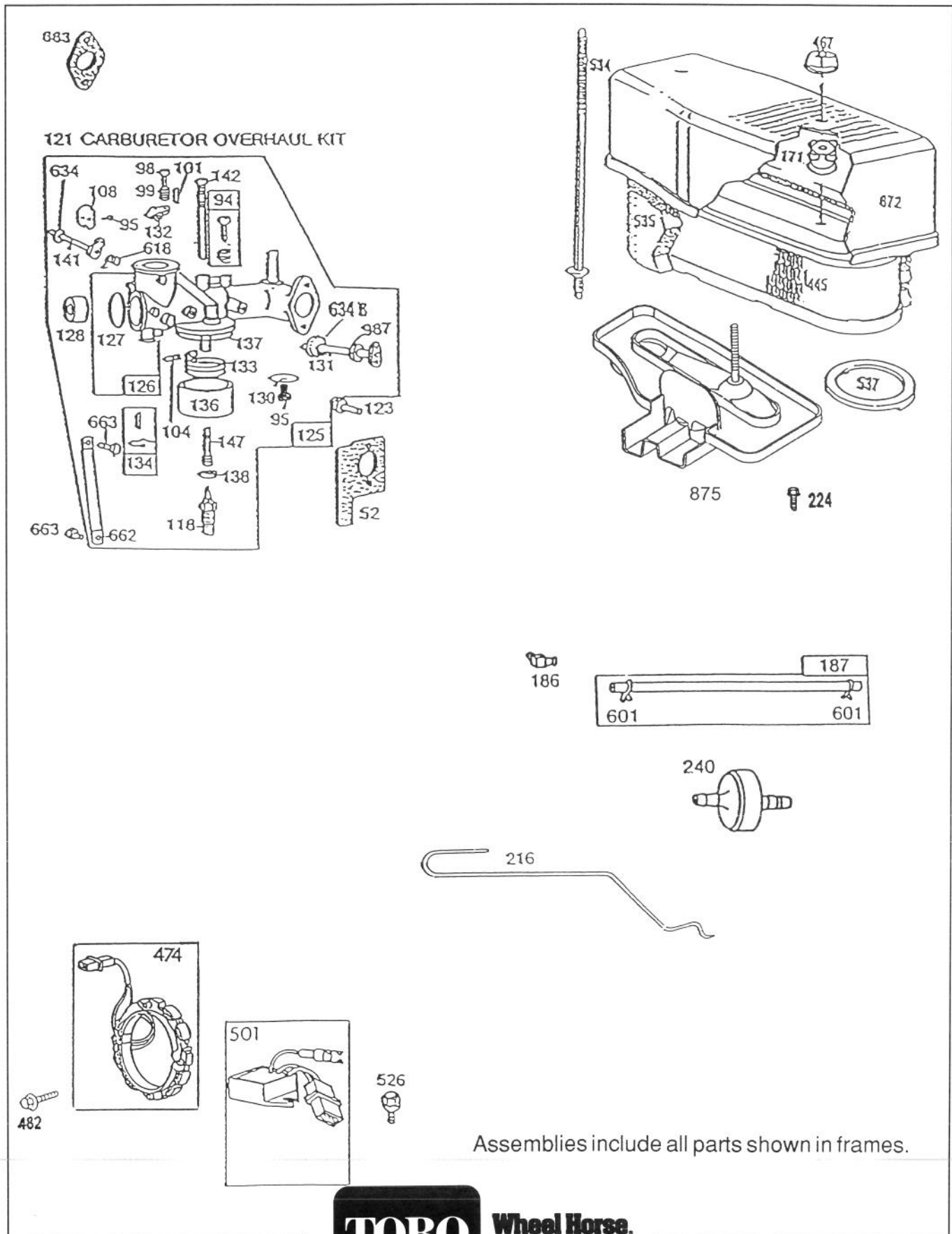


Figure 10-4 Engine Briggs and Stratton Model 281707-0226-01

ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01 (CONT'D)			
227	490927	Lever Assembly - Governor (For 1/4" Dia. Crank)	1
230	222450	Washer - Governor Crank (1/4" I.D.)	1
232	260584	Spring - Governor Link	1
265	221535	Clamp - Casing	1
284	94419	Screw - Clamp Mounting	1
304	490854	Housing - Blower	1
305	93158	Screw - Blower Housing Mounting	1
306	223715	Shield - Cylinder	1
307	93949	Screw - Cylinder Shield Mounting	1
308	491490	Cover - Cylinder Head	1
332	92284	Nut - Hex	1
333	492341	Armature - Magneto	1
334	93381	Screw - Armature Mounting	1
337	802592	Plug - Spark	1
346	93705	Screw - Hex Head	1
353	92791	Washer - Lock, Shakeproof	1
354	90576	Nut - Hex	1
356	398808	Wire - Ground	1
358	490525	Gasket Set	1
363	19203	Puller - Flywheel	1
383	89838	Wrench - Spark Plug	1
422	223721	Clamp - Oil Filler Tube	1
455	222561	Cup - Screen Mounting	1
468	222562	Screen - Flush Rotating	1
520	93722	Terminal - Spade	1
523	490327	Cap and Dipstick - Oil Filler	1
524	68838	Seal - Filler Tube	1
525	280741	Tube - Oil Filler	1
552	231597	Bushing - Governor Crank (1/4" I.D.)	1
562	92613	Bolt - Governor Lever	1
592	231082	Nut - Hex	1
614	93306	Cotter - Hair Pin	1
741	262135	Gear - Timing	1
757	212359	Link - Counterweight	1
758	399891	Counterweight Assembly	1
759	298909	Pin - Counterweight	1
761	93875	Screw - Counterweight	1
842	270920	Seal - Oil Filler Cap	1
847	490474	Fill Group - Oil	1
851	221798	Terminal - Ignition Cable	1
869	261463	Seat - Intake Valve (Standard)	1
870	210940	Seat - Exhaust Valve (Standard)	1
871	261961	Guide - Exhaust Valve	1
		Note: 231218 Guide - Intake Valve (Brass) See Repair Manual	
985	398525	Insulator Assembly	1
1005	280687	Fan - Flywheel	1
1006	224413	Retainer - Fan	1
1019	491255	Label Kit	1
1020	262243	Eccentric	1
1021	94160	Pin - Eccentric	1
615	93307	Retainer - E-Ring	1
634A	491323	Seal - Oil	1
635	66538	Elbow - Spark Plug	1
657	93496	Screw - Sem	1
663	93572	Screw - Carburetor	1
668	280848	Spacer	1
726	399676	Gear - Ring (Includes Mounting Parts)	1

**ENGINE BRIGGS AND STRATTON MODEL
281707-0226-01**



TORO

Wheel Horse.
Tractors & Riding Mowers

Figure 10-5 Engine Briggs and Stratton Model 281707-0226-01

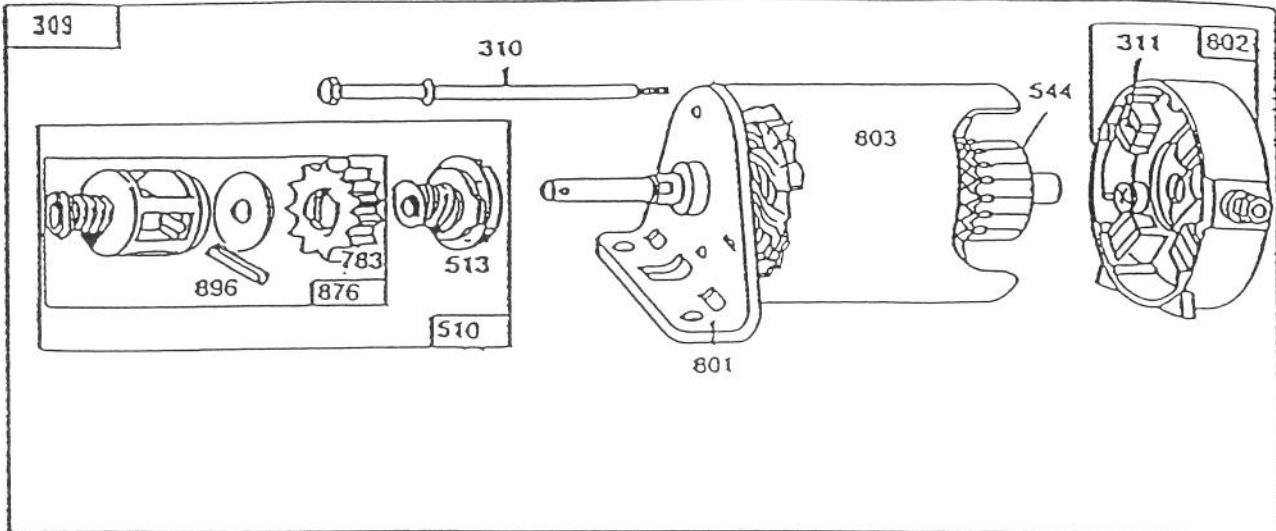
ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01			
*52	270872	Gasket - Carburetor Mounting	1
•94	292681	Valve Assembly - Carburetor Idle	1
95	93499	Screw - Throttle and Choke Valve Mounting	1
98	91920	Screw - Machine, Fill. Hd.	1
99	26157	Spring - Throttle Adjustment	1
101	93043	Pin - Throttle Stop	1
•104	230896	Pin - Float Hinge	1
108	222010	Valve Choke	1
118	396568	Valve - Needle	1
121	394698	Carburetor Overhaul Kit	1
123	94616	Screw - Carburetor Mounting	1
125	491031	Carburetor Assembly (Choke-A-Matic)	1
126	490473	Body Assembly - Carburetor	1
•127	221997	Plug - Welch	1
128	211960	Venturi - Carburetor	1
130	222433	Valve - Throttle	1
131	491006	Shaft and Lever - Throttle	1
132	211712	Stop - Throttle	1
133	299707	Float - Carburetor	1
•134	394681	Valve - Fuel Inlet	1
136	221995	Bowl - Float	1
•137	270511	Gasket - Float Bowl	1
•138	222014	Washer - Float Bowl	1
141	390684	Shaft and Lever - Choke	1
•142	299740	Nozzle - Carburetor	1
•147	231323	Screw - Nozzle	1
171	281051	Nut - Air Cleaner Mounting	1
186	67218	Connector - Fuel Pipe	1
187	393815	Line - Fuel (11" Long) (Cut to Suit)	1
216	261610	Link - Choke	1
224	94018	Screw - Air Cleaner	1
240	298090	Filter - Fuel (In Fuel Line)	1
445	491519	Cartridge - Air Cleaner	1
467	212706	Knob - Air Cleaner	1
474	393295	Stator - Alternator	1
482	93621	Screw - Sem.	1
501	394890	Regulator - Alternator	1
526	93559	Screw - Regulator	1
534	94248	Stud - Air Cleaner	1
535	271962	Element - Air Cleaner	1
537	270853	Gasket - Air Cleaner	1
601	93053	Clamp - Fuel Pipe	1
618	261116	Spring - Choke Return	1
634	270382	Washer - Choke Shaft	1
634B	271853	Washer - Throttle Shaft Seal (Foam)	1
662	224440	Bracket - Carburetor	1
663	93572	Screw - Carburetor	1
872	223700	Cover - Air Cleaner	1
875	491877	Body - Air Cleaner	1
883	272293	Gasket - Exhaust Pipe	1
987	398970	Seal - Throttle Shaft	1

• Included in Carburetor Overhaul Kit Part No. 394698.

* Included in Gasket Set Part No. 490525.

ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01



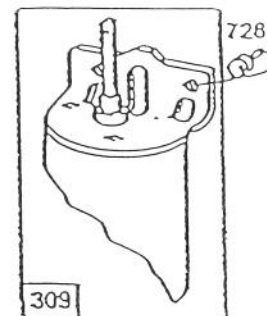
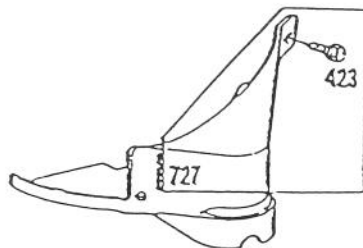
Reference Number		309	310	311	510	544	801	802	803
Manufacturer		Motor and Drive Ass'y.	Thru Bolt Assembly	Brush Assembly	Drive Assembly	Armature Assembly	Drive End Cap Assembly	End Cap Ass'y. Commutator	Housing Assembly
Briggs & Stratton	Housing Length								
12V	4-3/8"	490420	94004	395538	490421**	391160	394856	395537*	394544

*Includes Brush Set

**Includes

#398003 Clutch Assembly
#280104 Gear
#490467 Retainer and Pin
94288 Roll Pin

(Ref. No. 513)
(Ref. No. 783)
(Ref. No. 876)
(Ref. No. 896)



Assemblies include all parts shown in frames.

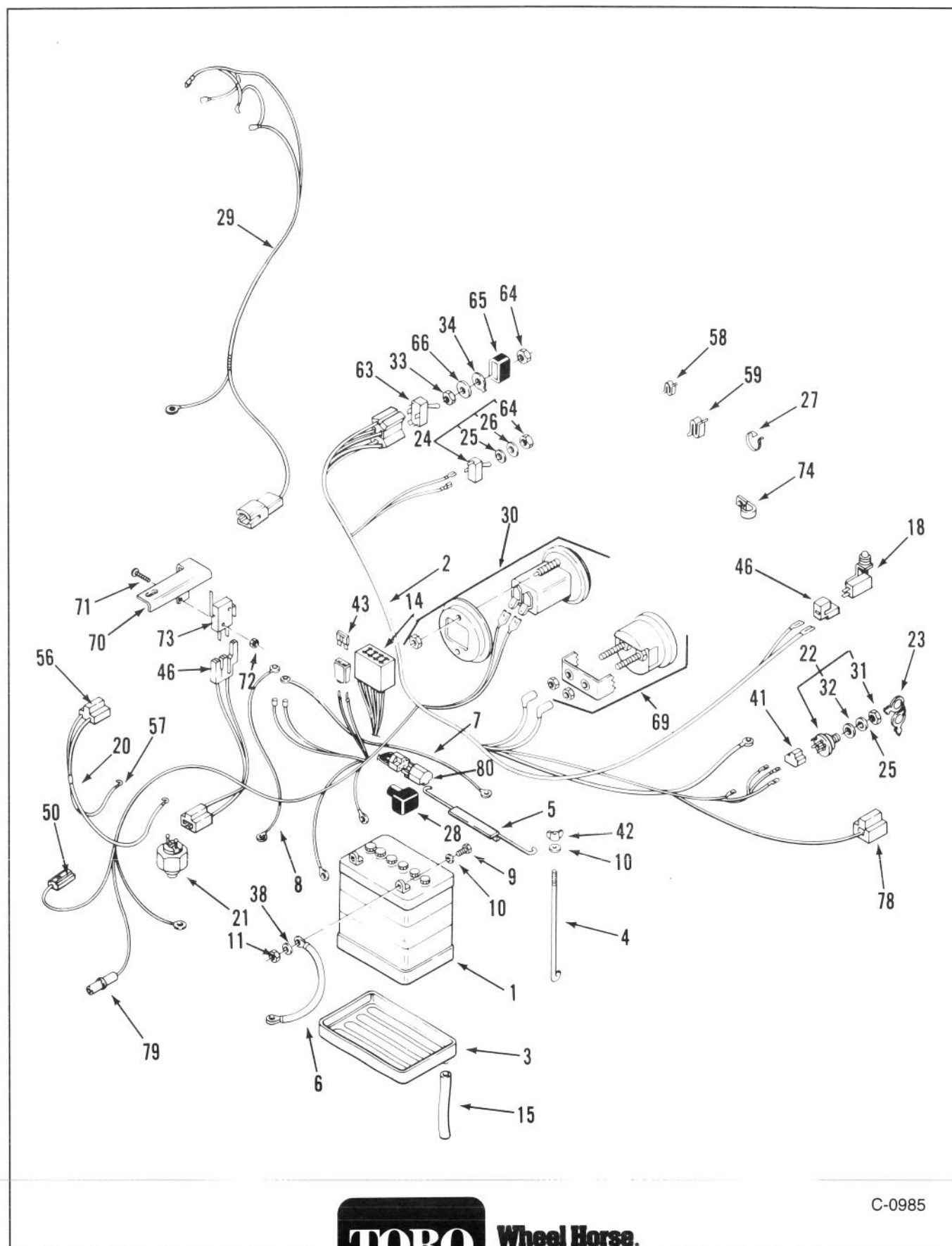


Wheel Horse.
Tractors & Riding Mowers

**ENGINE BRIGGS AND STRATTON MODEL
281707-0226-01**

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
ENGINE BRIGGS AND STRATTON MODEL 281707-0226-01			
309		Motor - Starting (12 Volt).....	1
		See Chart on illustrated Pages for Replacement Parts for Starting Motor	
727	490324	Cover - Starter (Includes Mounting Screws)	1
423	93984	Screw - Sem.....	1
728	93535	Screw - Sem.....	1

SECTION 11 - ELECTRICAL SYSTEM



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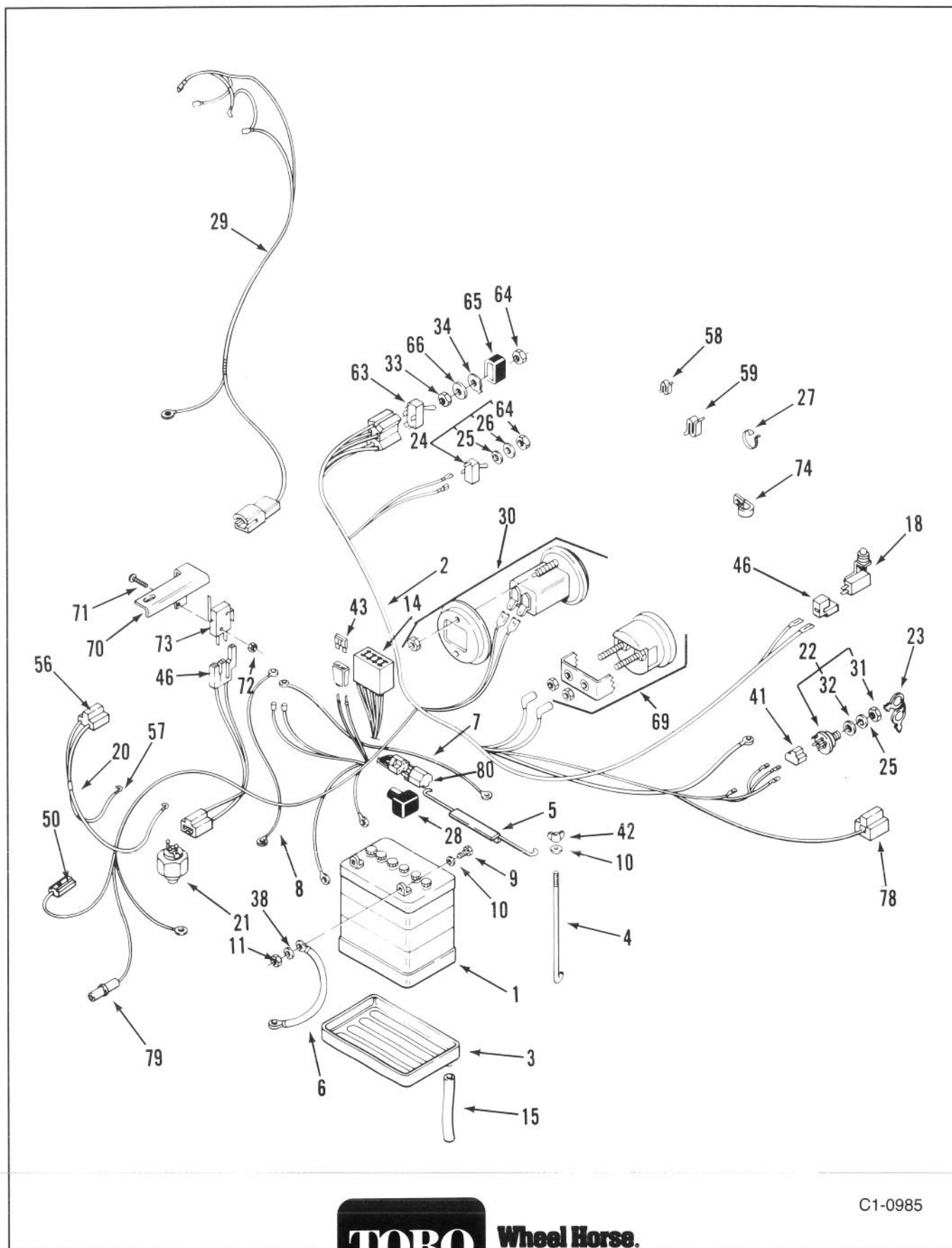


Figure 11-1 Electrical System

SECTION 11 - ELECTRICAL SYSTEM

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 11-1 ELECTRICAL SYSTEM			
1	105842	Battery - 200CCA hour 212-H	1
	104962	Battery - 1600CCA hour 212-5	1
2	116804	Wiring Harness 212-5	1
	116803	Wiring Harness 212-H	1
3	106948	Battery Tray	1
4	109547	Hook	2
5	117316	Battery Hold Down	1
6	111078	Wire (10" Battery to Ground)	1
7	111076	Wire (14" Solenoid to Battery)	1
8	112757	Wire (20.5" Battery to Starter)	1
9	908003	Bolt 1/4-20 x 3/4	2
10	920007	Washer 1/4 SAE	6
11	915111	Nut 1/4-20	3
14	120930	Fuse Holder	1
15	114721	Drain Tube	1
18	114240	Seat Switch	1
20	111364	Wiring Harness - Mechanical Trans. Neutral Switch	1
21	111365	Mechanical Trans. Neutral Switch 212-5	1
22	111215	Ignition Switch (Includes items 31 & 32)	1
23	111220	Ignition Key (set of 2)	1
	116738	Padded Ignition Key (set of 2)	1
24	102138	Light Switch (Includes items 33 & 34)	1
25	920262	Special Washer	1
26	920259	Special Washer	1
27	100571	Cable Tie	1
28	109553	Battery Terminal Cover	2
29	115204	Headlight Harness	1
30	113469	Hourmeter (Includes 114017 Bracket, 915962 Keps Nut [2] & 5924 E.S. Nut #10-24 [2])	1
31	101884	Switch Nut	1
32	920160	Internal Tooth Lockwasher	1
33	105805	Special Nut	2
34	102950	Tab Washer	2
41	105302	5-Terminal Connector (Part of item 2)	1
42	116497	Wing Nut	2
43	109355	15 amp ATO Fuse	1
	109102	25 amp ATO Fuse	1
	NN10277	30 amp ATO Fuse	1
46	111498	Connector Body	2
50	104926	Connector Body	2
56	110459	Connector Body (Part of item 20)	1
57	105306	Female Terminals (Part of item 20)	2
58	8830	Clip	1

SECTION 11 - ELECTRICAL SYSTEM



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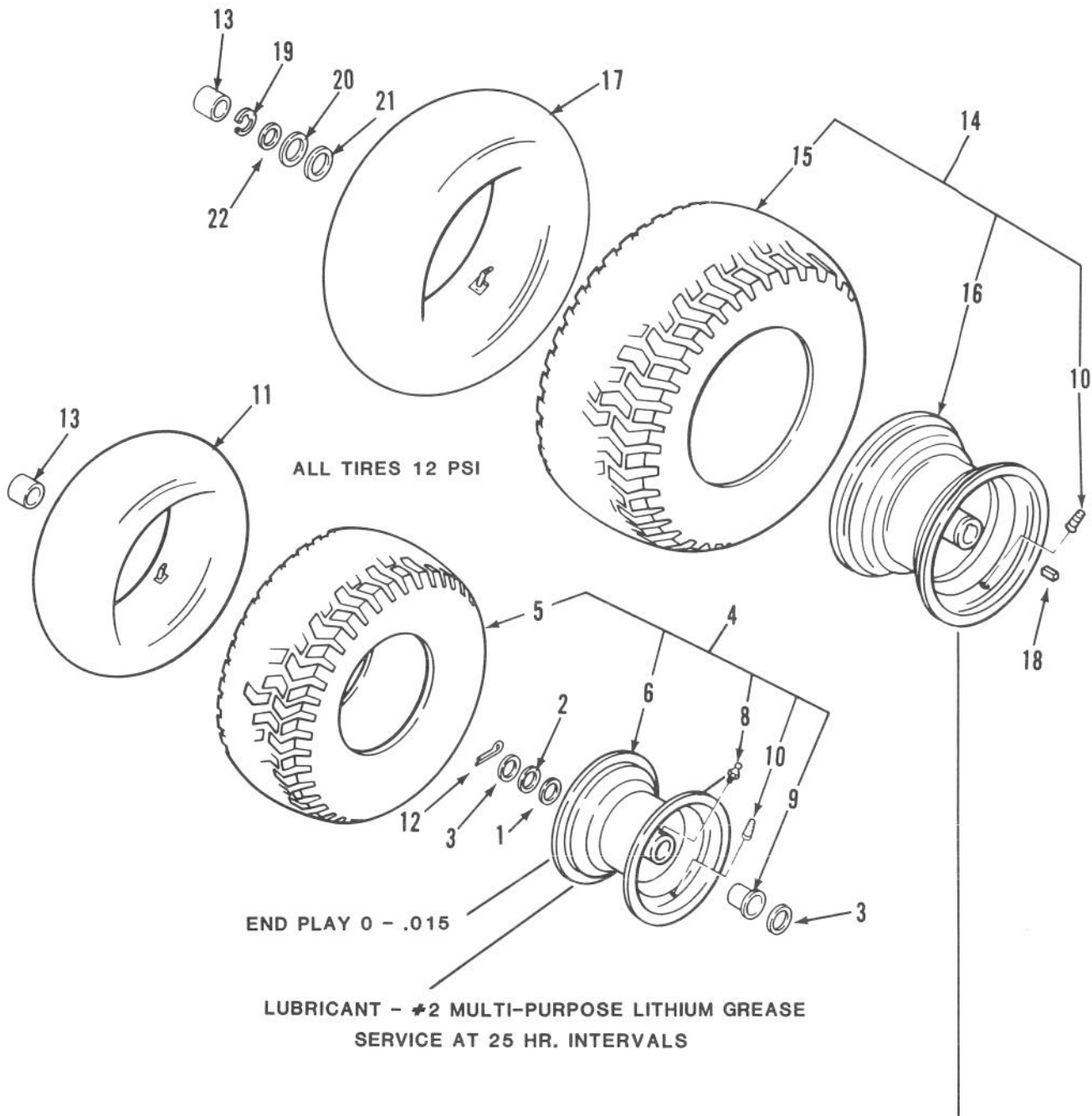


Figure 11-1 Electrical System

SECTION 11 - ELECTRICAL SYSTEM

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 11-1			
ELECTRICAL SYSTEM (CONT'D)			
59	3023	Clip	6
63	116716	Electric Clutch Switch (Includes items 33, 34 & 64)	1
64	113179	Face Nut	2
65	113050	PTO Switch Cover	1
66	920242	Spacer	1
69	117176	Voltmeter (Includes 109650 Clamp & 5924 #10-32 Nut [2])	1
70	116344	Bracket	1
71	910948	Screw #4-40 x 3/4	2
72	915732	Elast Nut #4-40	2
73	111332	Switch 212-H	1
	116397	Switch 212-5	1
74	105490	Clamp	1
78	105303	5-Terminal Connector	1
79	518075	Socket Connector	1
80	116397	Relay	1

SECTION 13 - WHEELS AND TIRES



ANTI-RUST COMPOUND TEXACO CODE 1976 "L" LIGHT OR EQUIVALENT, ON AXLES

1329

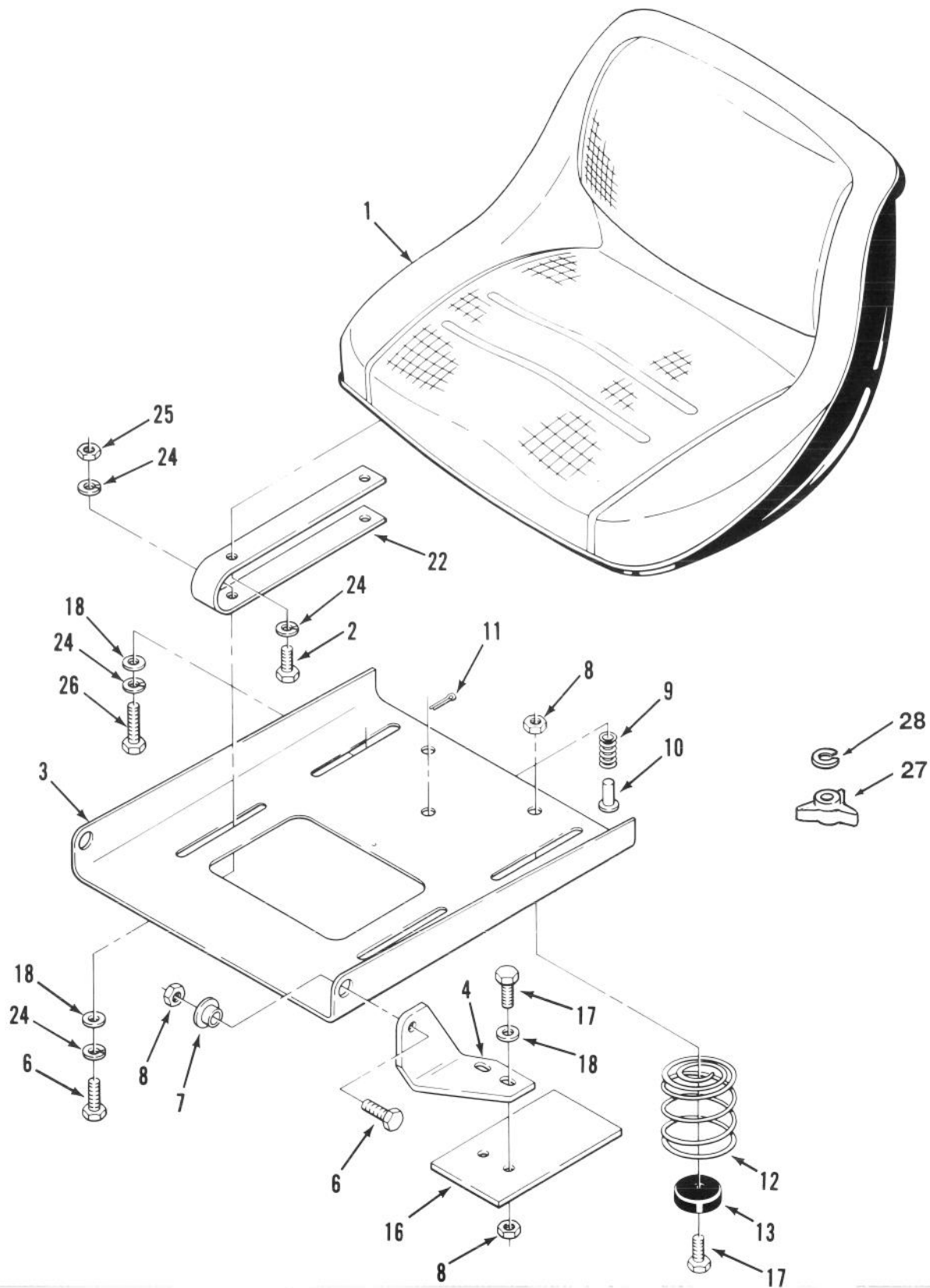


Figure 13-1 Wheels and Tires

SECTION 13 - WHEELS AND TIRES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 13-1 WHEELS AND TIRES			
1	5210	Shim Washer .015	X
2	1278	Shim Washer .050	X
3	109262	Special Washer Hubcap 1-5/16 OD x .050	2
4	116883	Front Wheel and Tire 15 x 6.00-6 (Includes items 5, 6, 8, 9 & 10)	2
5	116884	Front Tire 15 x 6.00-6.....	2
6	116885	Front Wheel Assembly (Includes Wheel with items 8, 9, & 10).....	2
8	109500	Grease Fitting.....	2
9	116887	Bearing.....	2
10	5108	Valve Stem	4
11	100079	Front Tube - Service Only	X
12	932026	Cotter Pin 5/32 x 1-1/4	2
13	109261	Hubcap - Black 1-1/2" Outside Diameter.....	X
	109154	Hubcap - Black 1-5/8" Outside Diameter.....	X
14	116879	Rear Wheel and Tire 18 x 9.50-8 212-5.....	2
	116892	Rear Wheel and Tire 18 x 9.50-8 212-H	2
15	116880	Rear Tire	2
16	116881	Rear Wheel 212-5.....	2
	116893	Rear Wheel 212-H.....	2
17	105450	Rear Tube - Service Only.....	X
18	1120	Square Key 3/16 x 1-3/4 212-5.....	2
	2590	Square Key 1/4 x 2 212-H.....	2
19	104636	E-Ring 212-5.....	2
	7939	External Snap Ring 212-H.....	2
20	5210	Shim Washer .015 212-5	2
	920252	Shim Washer .050 212-H	2
21	1278	Shim Washer .050 212-5	2
	920251	Shim Washer .050 212-H	2
22	109262	Special Hubcap Washer .050 212-5.....	2
	920239	Shim Washer .078 212-H	2

SECTION 15 - SEAT AND DECALS



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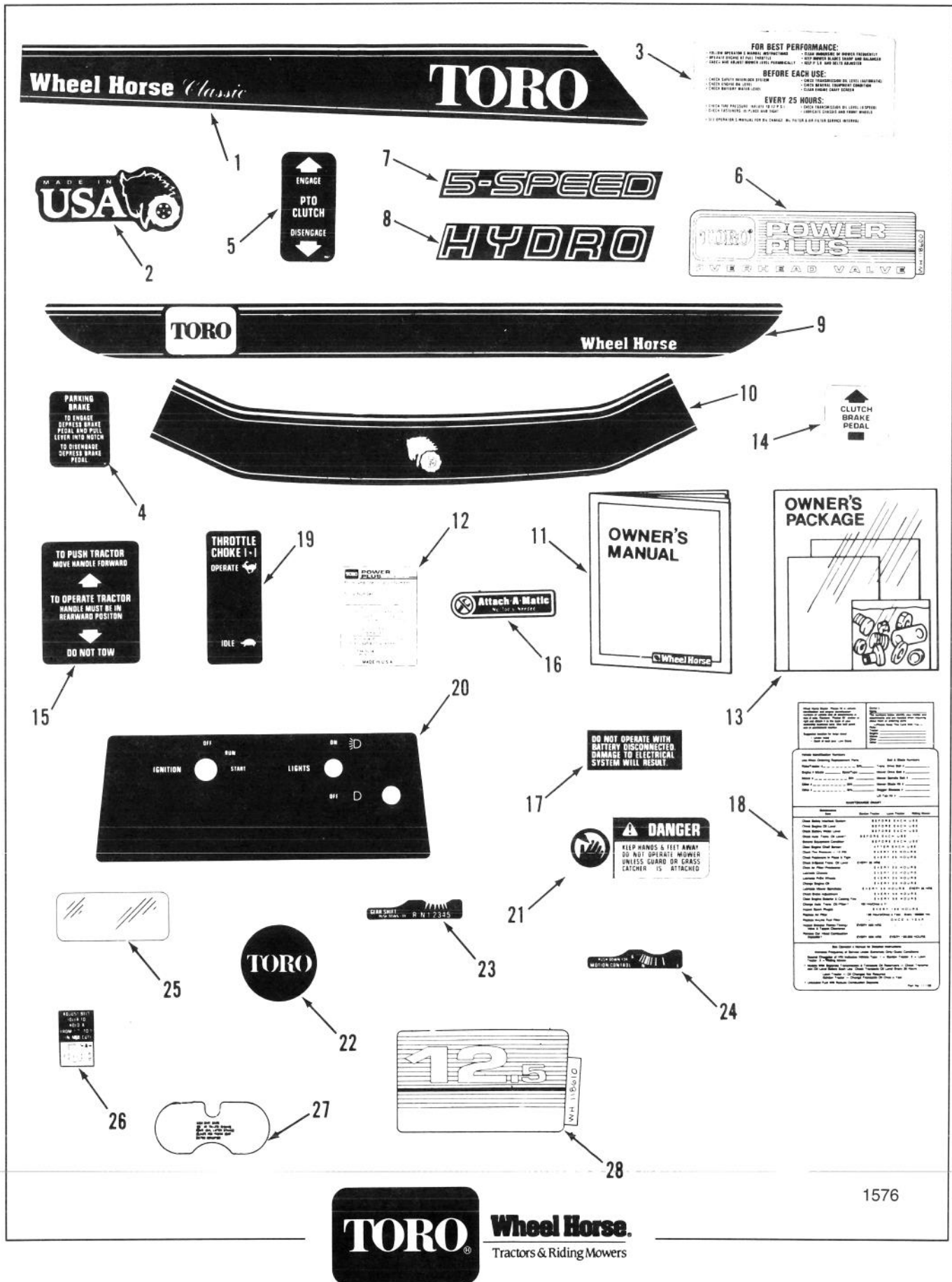


Figure 15-1 Seat and Suspension

SECTION 15 - SEAT AND DECALS

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 15-1			
SEAT AND SUSPENSION			
1	113985	Seat 212's	1
2	908017	Bolt 5/16-18 x 3/4	4
3	113852	Seat Pivot Plate.....	1
4	112744	RH Pivot Bracket.....	1
	112745	LH Pivot Bracket.....	1
6	908018	Bolt 5/16-18 x 7/8	4
7	105503	Bushing	2
8	915662	E.S. Hex Nut 5/16-18	6
9	114267	Spring 212-5	1
10	106449	Pin	1
11	932008	Cotter Pin 3/32 x 3/4	1
12	114496	Lifter Spring.....	2
13	108889	Bumper.....	2
16	112961	Plate	2
17	908019	Bolt 5/16-8 x 1	6
18	920008	Washer 5/16 SAE	6
22	112837	Seat Spring	2
24	920082	Lockwasher 5/16.....	8
25	915112	Hex Nut 5/16-18.....	4
26	908020	Bolt 5/16-18 x 1-1/4.....	4
27	78-7180	Knob.....	2
28	78-2740	Lockwasher	2

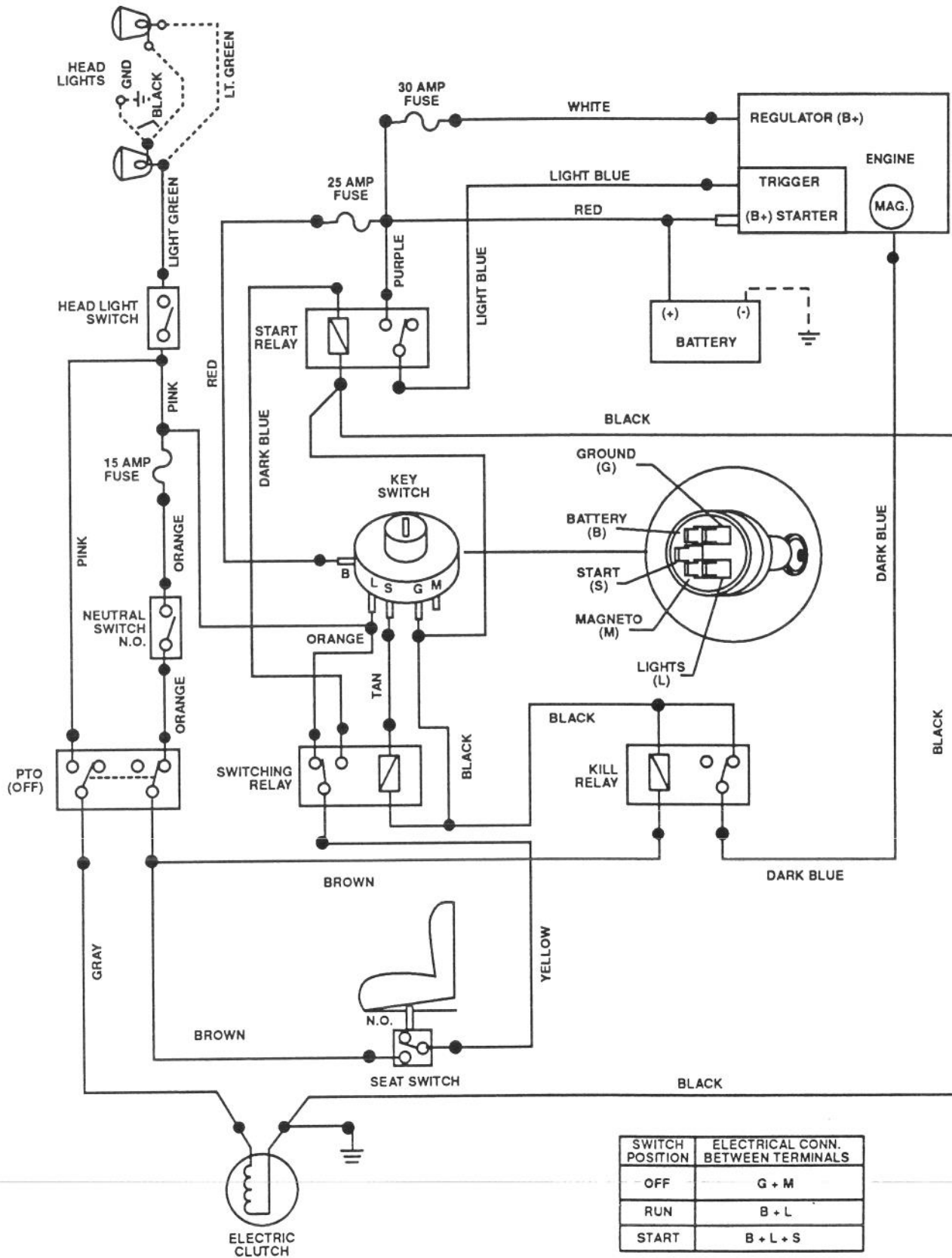
SECTION 15 - SEAT AND DECALS



SECTION 15 - SEAT AND DECALS

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Figure 15-2 DECALS AND MISCELLANEOUS			
1	117474	Decal - Hood RH 212-5	X
	117472	Decal - Hood RH 212-H.....	X
	117475	Decal - Hood LH 212-5	X
	117473	Decal - Hood LH 212-H	X
2	117242	Decal - Made in USA	1
3	116590	Decal - Rear Hood	1
4	111327	Decal - Parking Brake	1
5	112845	Decal - PTO Clutch	1
6	118600	Decal - Power Plus 212's	1
7	117512	Decal - 5-Speed 212-5.....	2
8	117511	Decal - Hydro 212-H.....	2
9	117760	Decal - Fender	1
10	116874	Decal - Front Hood.....	1
11	810653R1	Operator's Manual 212-5	1
	810652R1	Operator's Manual 212-H.....	1
13	807259	New Tractor Loose Parts Package 212-5.....	X
	807258	New Tractor Loose Parts Package 212-H	X
14	111632	Decal - Clutch and Brake	1
15	114442	Decal - Hydro Push 212-H.....	1
16	115196	Decal - Attach-a-Matic	1
17	111926	Decal - Electrical System.....	1
18	115398	Decal - Maintenance	1
19	111706	Decal - Throttle.....	1
20	112924	Decal - Back Plate	1
21	112670	Decal - Danger	1
22	120040	Decal - TORO	1
23	114944	Decal - Shift 5-Speed 212-5	1
24	114051	Decal - Motion Control 212-H.....	1
25	112403	Decal - VIN Overlay	1
26	113370	Decal - PTO Adjustment	1
27	114297	Decal - Seat Spring.....	1
28	118610	Decal - Power Plus.....	1

WIRING DIAGRAM



MAINTENANCE RECORD

[illegible]

MAINTENANCE RECORD

[illegible]