FORM NO. 3315–196

TORO®

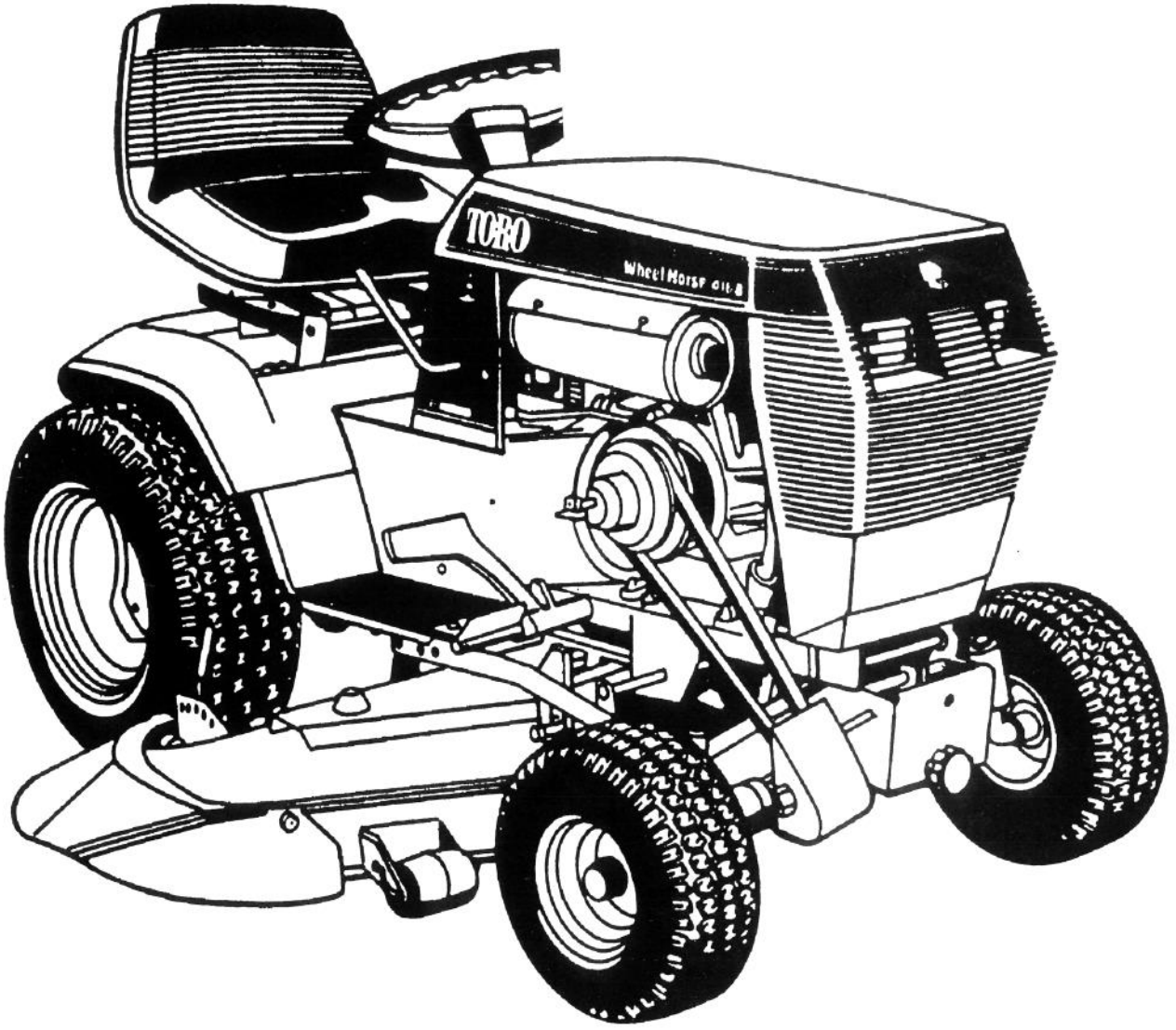
MODEL NO. 3110K803–2000001 & UP
MODEL NO. 3112K804–2000001 & UP
MODEL NO. 31160804–2000001 & UP
MODEL NO. 5112KE02–2000001 & UP
MODEL NO. 5116OE02–2000001 & UP

PARTS CATALOG

WHEEL HORSE®

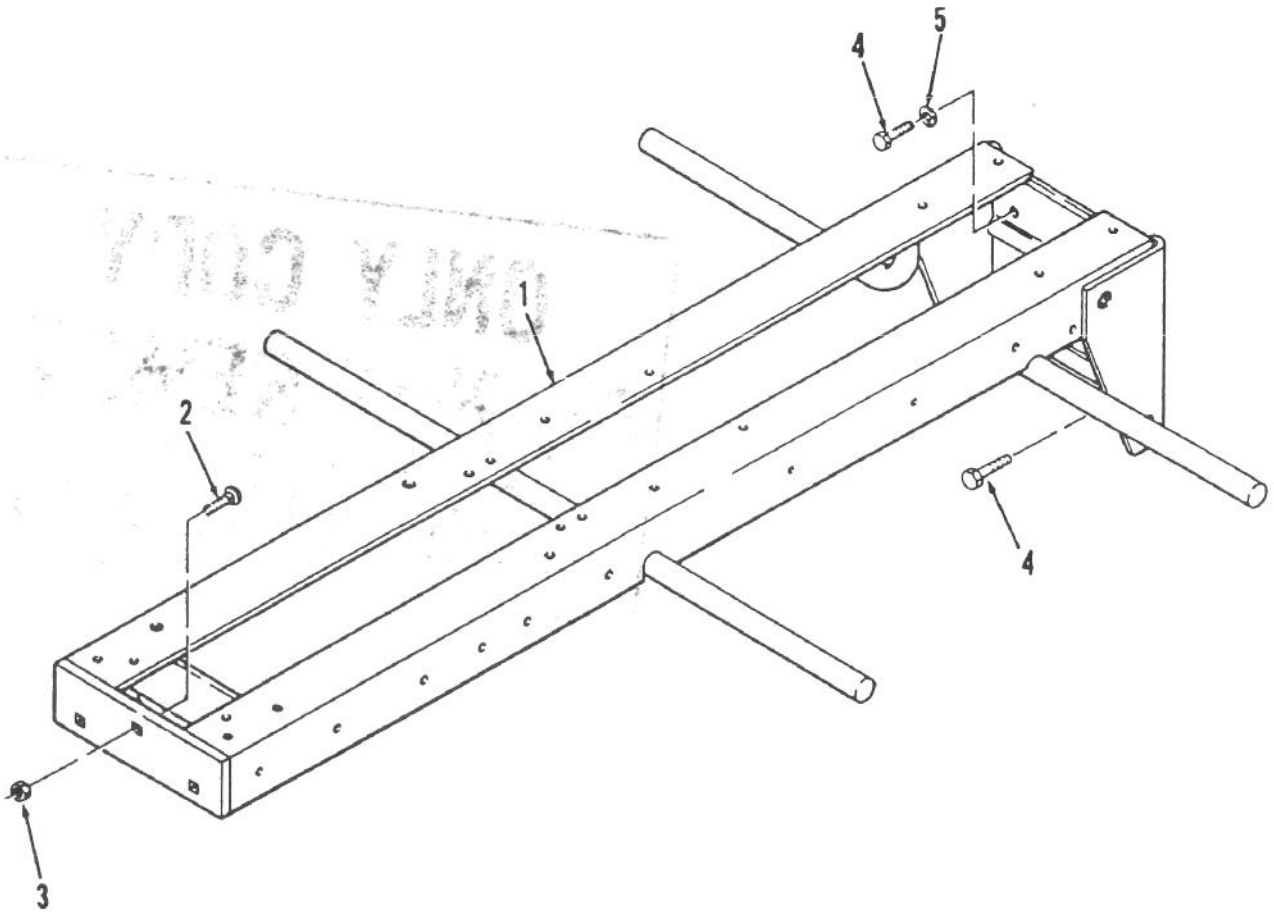
310–8, 312–8, 416–8, 312–H, 416–H GARDEN TRACTOR

COPY



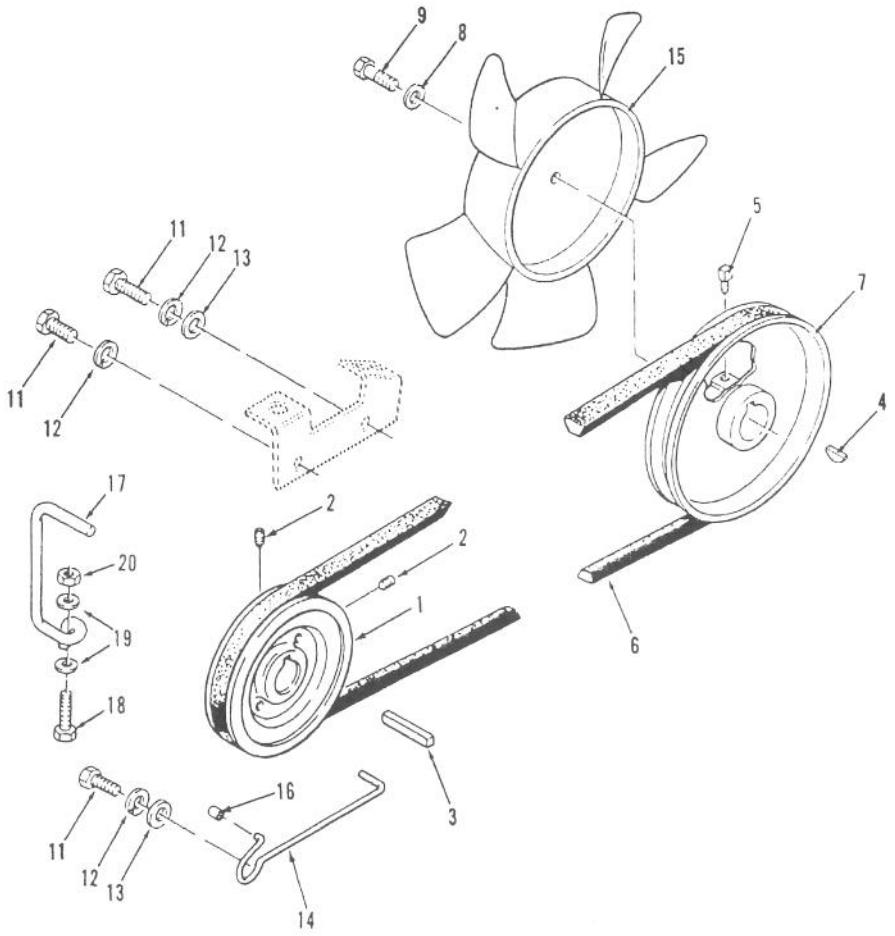
TPS

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FRAME

Ref. No.	Part No.	Description	No. Used
1	78–2680	Frame	1
2	3231–25	Bolt – Carriage 3/8–16 x 1–1/4	3
3	3296–39	Nut 3/8–16	3
4	323–5	Bolt 3/8–16 x 7/8	4
5	3253–21	Washer – Lock 3/8	4

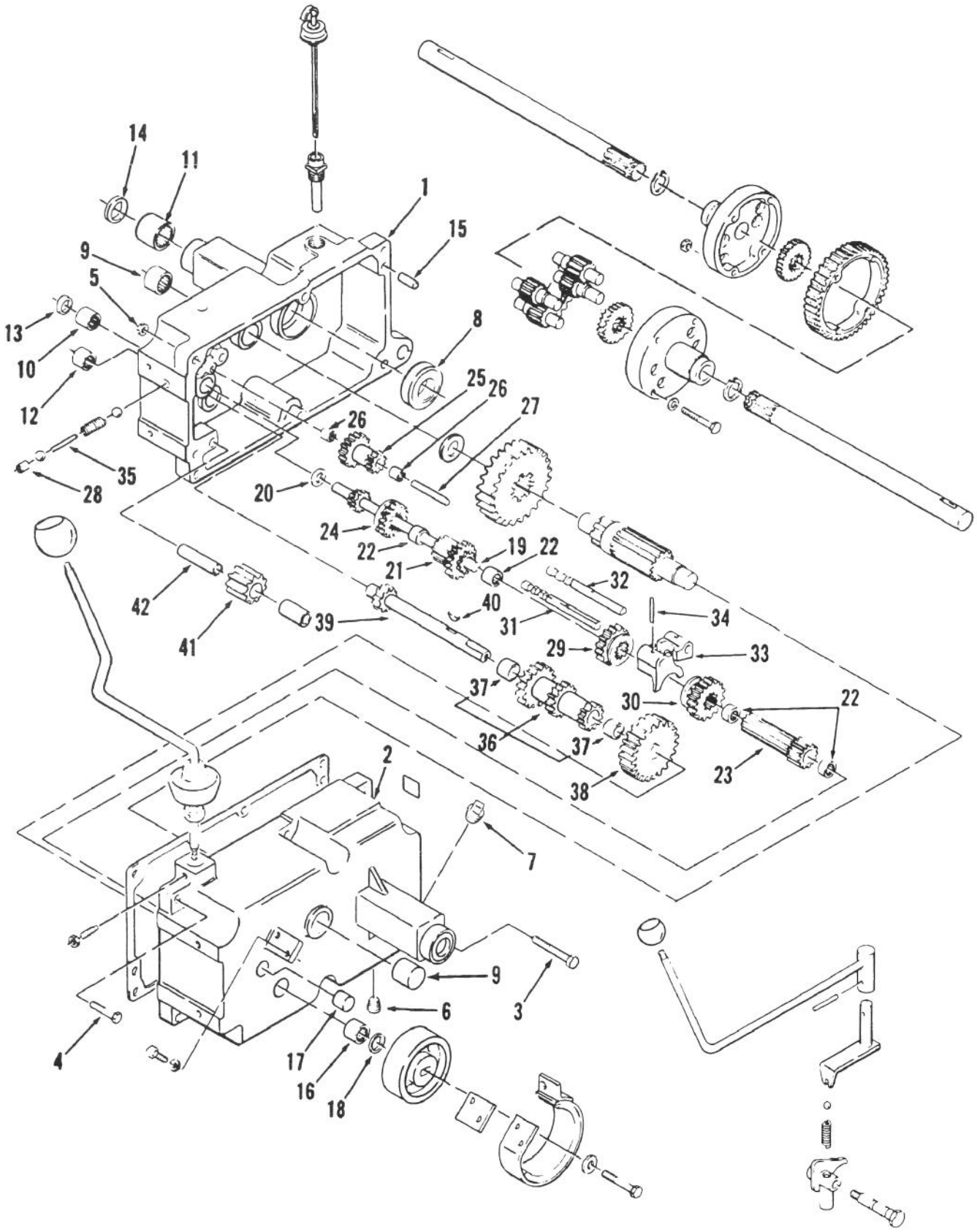


DRIVE BELT AND PULLEYS

Ref. No.	Part No.	Description	No. Used
1	7466	Pulley – Engine Drive 310–8, 312–8, 416–8	1
*	7443	Pulley – Engine Drive 312–H, 416–H	1
2	3246–2	Screw – Set 5/16–18 x 5/16	2
3	105453	Key 1/4 x 1/4 x 3/4	1
4	937221	Key – Hi–Pro 5/32 x 5/8	1
5	3242–2	Screw – Set 5/16–18 x 1/2 Nylok	2
6	78–7100	Belt – Drive (Used on 310–8 & 312–8)	1
*	108501	Belt – Drive (Used on 312–H)	1
*	114895	Belt – Drive 416–H	1
*	107939	Belt – Drive 416–8	1
7	106165	Pulley – Transmission Drive (Used on 310–8,312–8 &416–8)	1
*	108316	Pulley – Transmission Drive 312–H, 416–H	1
8	103995	Washer – Special 9/32 312–H, 416–H	1
9	321–3	Bolt 1/4–20 x 5/8 312–H, 416–H	1
11	324–5	Bolt 7/16–14 x 1–1/4 310–8, 312–8, 312–H	3
*	323–6	Bolt 3/8–16 x 1 416's	2
12	3253–6	Washer – Lock 7/16 310–8, 312–8, 312–H	3
*	3253–21	Washer – Lock 3/8 416's	2
13	3256–25	Washer 7/16 SAE 310–8, 312–8, 312–H	3
14	111242	Guide – Belt, Bottom 310–8, 312–8	1
15	108393	Fan 312–H, 416–H	1
16	112841	Cap 310–8, 312–8, 312–H	1
17	120320	Guide – Belt 416	1
18	322–6	Bolt 5/16–18 x 1–1/4 416's	1
19	3256–3	Washer 5/16 US 416's	2
20	3296–29	Nut 5/16–18 416's	16

*Not Illustrated

MECHANICAL TRANSMISSION 8–SPEED

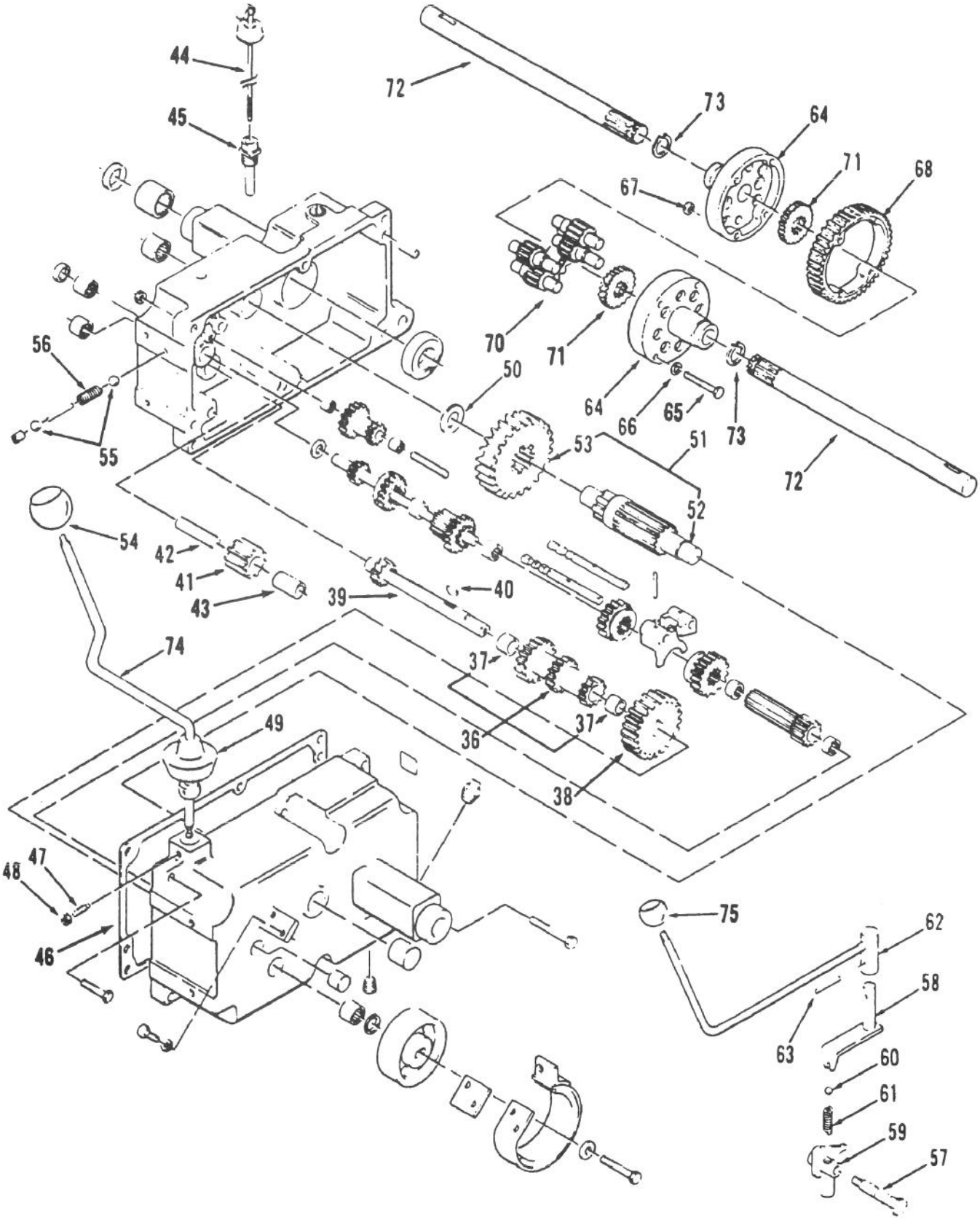


MECHANICAL TRANSMISSION 8–SPEED

Ref. No.	Part No.	Description	No. Used
	110996	Transmission Assy – 8–Speed 310 Only 401588	1
	110995	Transmission Assy – 8–Speed 312/400–Series	1
1	111204	Case–Trans, RH 310–8*	1
	111200	Case–Trans, RH 312–8, 416–8	1
2	111203	Case–Trans, LH 310–8*	1
	111198	Case–Trans, LH 312–8, 416–8	1
3	323–16	Bolt 3/8–16 x 4	1
4	323–11	Bolt 3/8–16 x 2–1/4	5
5	3296–39	Nut 3/8–16	6
6	281–10	Plug – Pipe, Allen Hd 1/4	1
7	281–2	Plug – Pipe, Sq Hd 3/8	1
8	111199	Bearing – Ball 40mm I.D.	2
9	1532	Bearing – Needle 1 I.D.	2
10	1542	Bearing – Needle 5/8 I.D.	1
11	1528	Bearing – Needle 1 I.D. 310*	2
	9416	Bearing – Needle 1–1/8 I.D. 312–8, 416–8	2
12	1529	Bearing – Needle 3/4 I.D.	1
13	100442	Seal – Input Shaft 5/8 I.D.	1
14	100863	Seal – Axle 1 I.D. x 1–1/4 O.D. 310	4

Ref. No.	Part No.	Description	No. Used
*	100443	Seal – Axle 1 1/8 I.D. x 1–3/8 O.D. 312–8, 416–8	2
15	3915	Pin – Locating	2
16	1523	Bearing – Needle 3/4 I.D.	1
17	1531	Bearing – Needle 5/8 I.D.	1
18	100441	Seal – Brake Shaft 3/4 I.D.	1
19	7201	Shaft – Input	1
20	7418	Washer – Thrust	1
21	7204	Gear	1
22	1518	Bearing – Needle 5/8 I.D.	4
23	5175	Gear	1
24	7205	Gear – Sliding	1
25	7206	Gear – Reduction	1
26	7207	Bearing – Needle 3/8 I.D.	2
27	7208	Shaft – Reduction Gear	1
28	1243	Cup – Plug	1
29	5173	Gear – 2nd & 3rd	1
30	5174	Gear – 1st & Reverse	1
31	5615	Rail – Shift, Front	1
32	5616	Rail – Shift, Rear	1
33	3503	Fork – Shift	2
34	933156	Pin – Spirol 1/8 x 1	2
35	5614	Pin – Shift	1

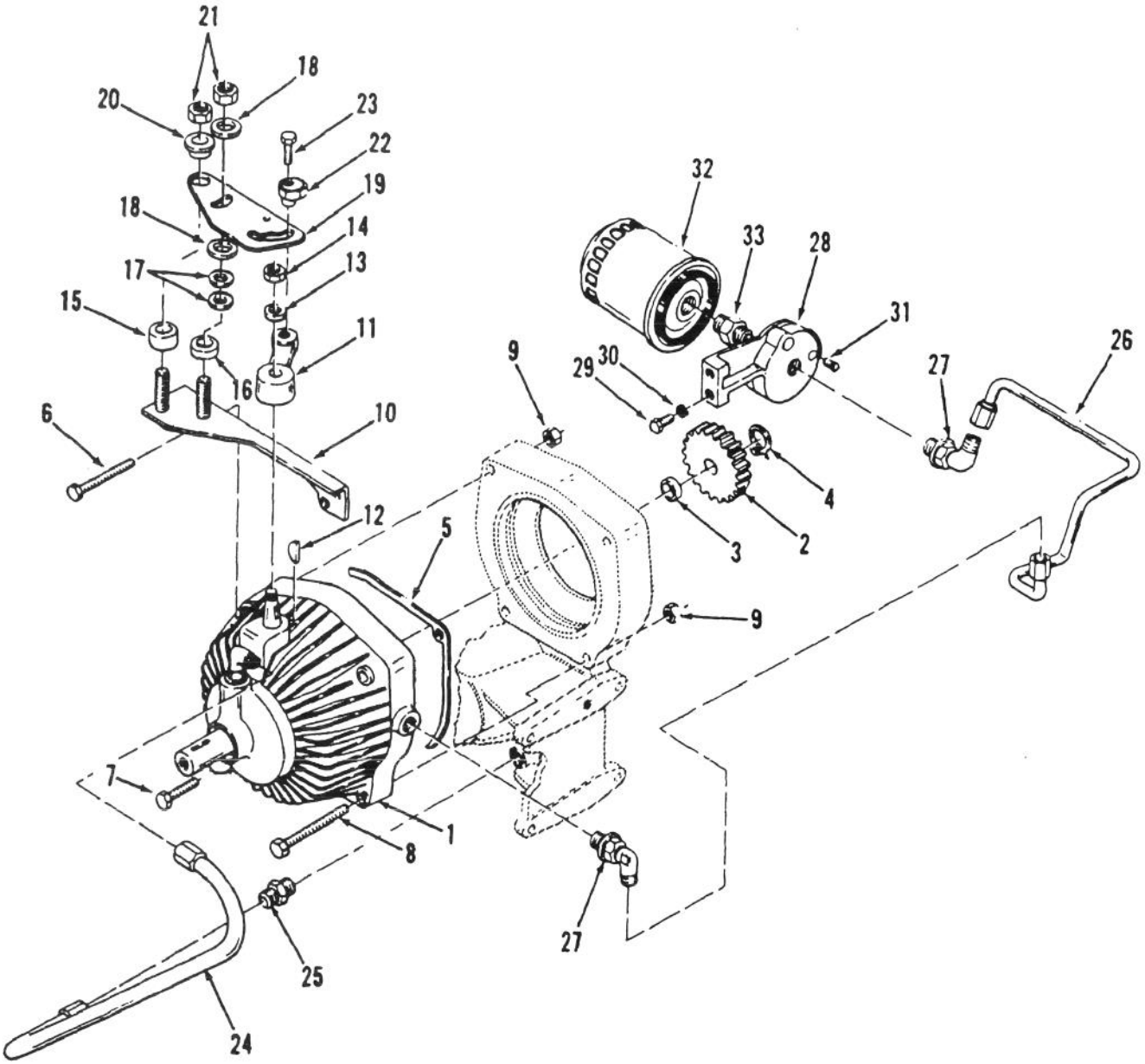
MECHANICAL TRANSMISSION 8-SPEED



MECHANICAL TRANSMISSION 8–SPEED

Ref. No.	Part No.	Description	No. Used
36	7269	Cluster Gear With Bushing	1
37	1504	Bushing – Bronze	2
38	3527	Gear – Reduction	1
39	9840	Shaft – Cluster	1
40	3257–5	Key – Woodruff 3/16 x 3/4	1
41	4204	Gear – Reverse Idler	1
42	3909	Pin – Reverse Idler	1
43	1516	Bushing – Reverse Idler	1
44	101847	Dipstick Assembly	1
45	102703	Nipple – Transmission Fill	1
46	3912	Gasket – Transmission Case	1
47	1239	Screw – Set – Special	1
48	3217–5	Nut 1/4–20	1
49	3577	Cover – Dust	1
50	9547	Washer – Thrust	1
51	102974	Gear Assembly	1
52	101625	Gear 11 Tooth	1
53	101626	Gear 44 Tooth	1
54	108758	Knob – Gear Shift	2
55	3517	Ball – Detent 1/4 Dia.	2
56	106030	Spring – Detent	1
57	7213	Bolt – Detent	1
58	7214	Shaft – Shift Hi–Low Range	1
59	116636	Fork – Shift Hi–Low Range	1
60	3517	Ball – Detent 1/4 Dia.	1
61	106030	Stop – Shift	1
62	110727	Lever – Shift Hi–Low Range	1
63	933184	Pin – Spirol 3/16 x 3/4	1
64	111197	Cap – Diff End 310–8*	2
	111196	Cap – Diff End 312–8, 416–8	2
65	908138	Bolt 3/8–16 x 3–1/4 (Grade 5) 310–8*	4
	911423	Bolt 3/8–16 x 3–1/2 (Grade 8) 312–8, 416–8	4
66	107374	Washer – Special, Case Hardened	4
67	108881	Nut 3/8–16 High–Tensile	4
68	105063	Gear – Differential Ring 43 Tooth 310–8*	1
	105061	Gear – Differential Ring 43 Tooth 312–8, 416–8	1
70	101623	Gear – Differential Pinion 11 Tooth 310–8* (8 used on 312–8, 416–8)	4
71	3908	Gear – Differential Axle 310–8*	2
	101889	Gear – Differential Axle 312–8, 416–8	2
72	5961	Axle – Rear 310–8 (1" dia)*	2
	105875	Axle – Rear 312–8, 416–8 (1–1/8" dia)	2
73	7939	Ring – Special, Snap 310–8*	2
	105876	Ring – Special, Snap 312–8, 416–8	2
74	110725	Lever – Gear Shift	1
75	1001	Knob – Hi–Lo Range Shift	1
76	A–1392	Manual – Repair	1

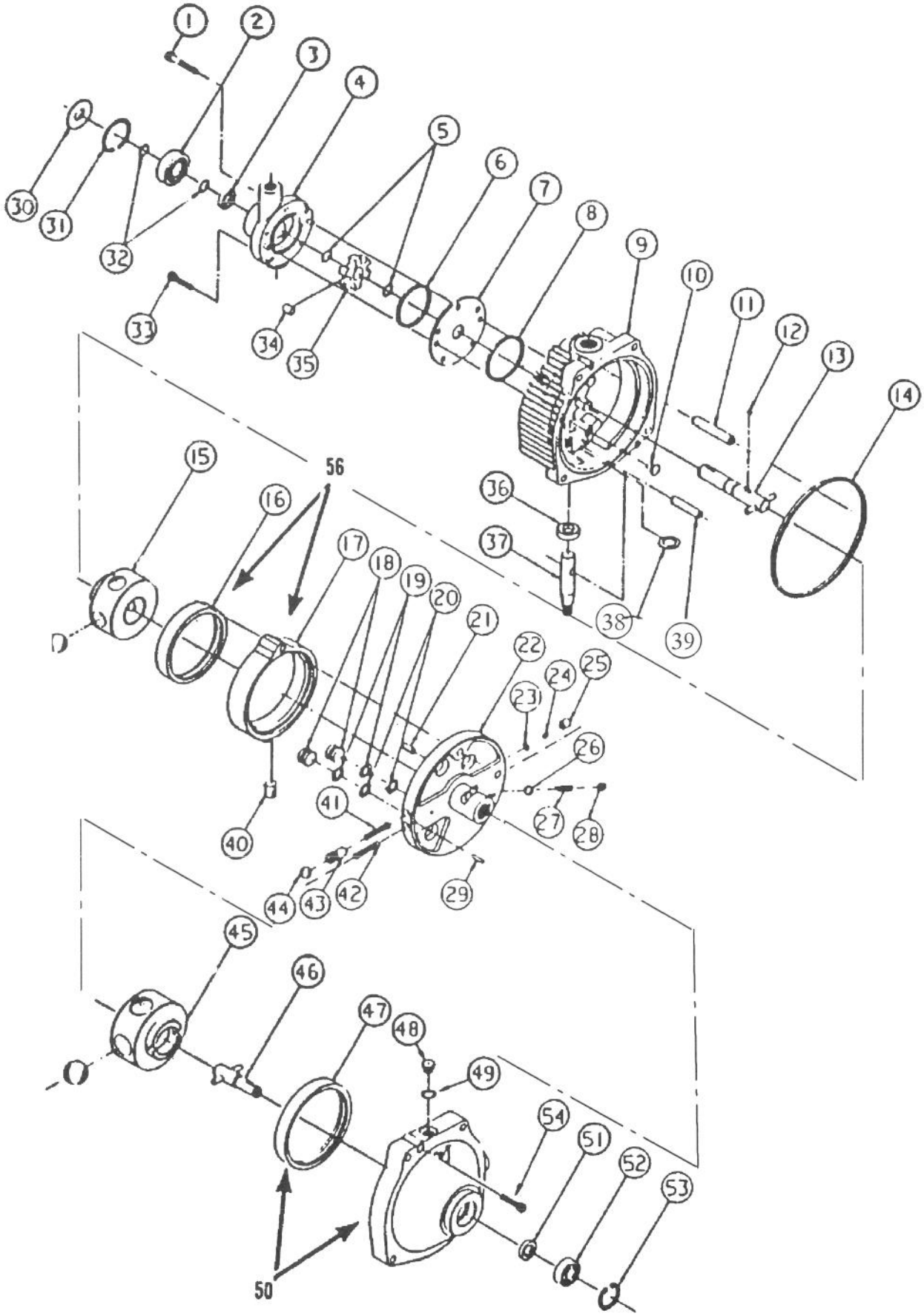
AUTOMATIC TRANSMISSION



AUTOMATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	108368	Pump & Motor	1
2	109751	Gear 20 Tooth	1
3	108366	Spacer – Drive Gear	1
4	32120–64	Ring – Retaining 5/8 Ext	1
5	108319	Gasket	1
6	323–25	Bolt 3/8–16 x 5–1/2	2
7	908040	Bolt 3/8–16 x 2–1/2	1
8	323–26	Bolt 3/8–16 x 6–1/2	1
9	3296–39	Nut 3/8–16	3
10	108329	Plate – Control	1
11	108325	Speed Control	1
12	3257–24	Key – Woodruff 1/8 x 5/8	1
13	3296–26	Washer 1/2 SAE	1
14	3296–23	Nut 1/2	1
15	108326	Spacer – Pivot, Long	1
16	108327	Spacer – Friction, Short	1
17	100365	Washer – Spring Disc	2
18	100305	Washer – Friction	2
19	108333	Cam – Speed Control	1
20	100309	Spacer	1
21	108881	Nut – Lock, 3/8–16	2
22	106661	Cam – Eccentric	1
23	322–5	Bolt 5/16–18 x 1	1
24	111217	Tube – Suction	1
25	108364	Fitting (With 973620 O–Ring)	1
26	109377	Tube Assembly	1
27	108365	Elbow (With 973370 O–Ring)	4
28	108323	Base – Oil Filter	1
29	322–3	Bolt 5/16–18 x 3/4	2
30	3253–4	Washer – Lock 5/16	2
31	281–10	Plug 1/4 NPT	1
32	79–5270	Filter – Oil	1
33	5991	Fitting	1

TRANSMISSION EATON

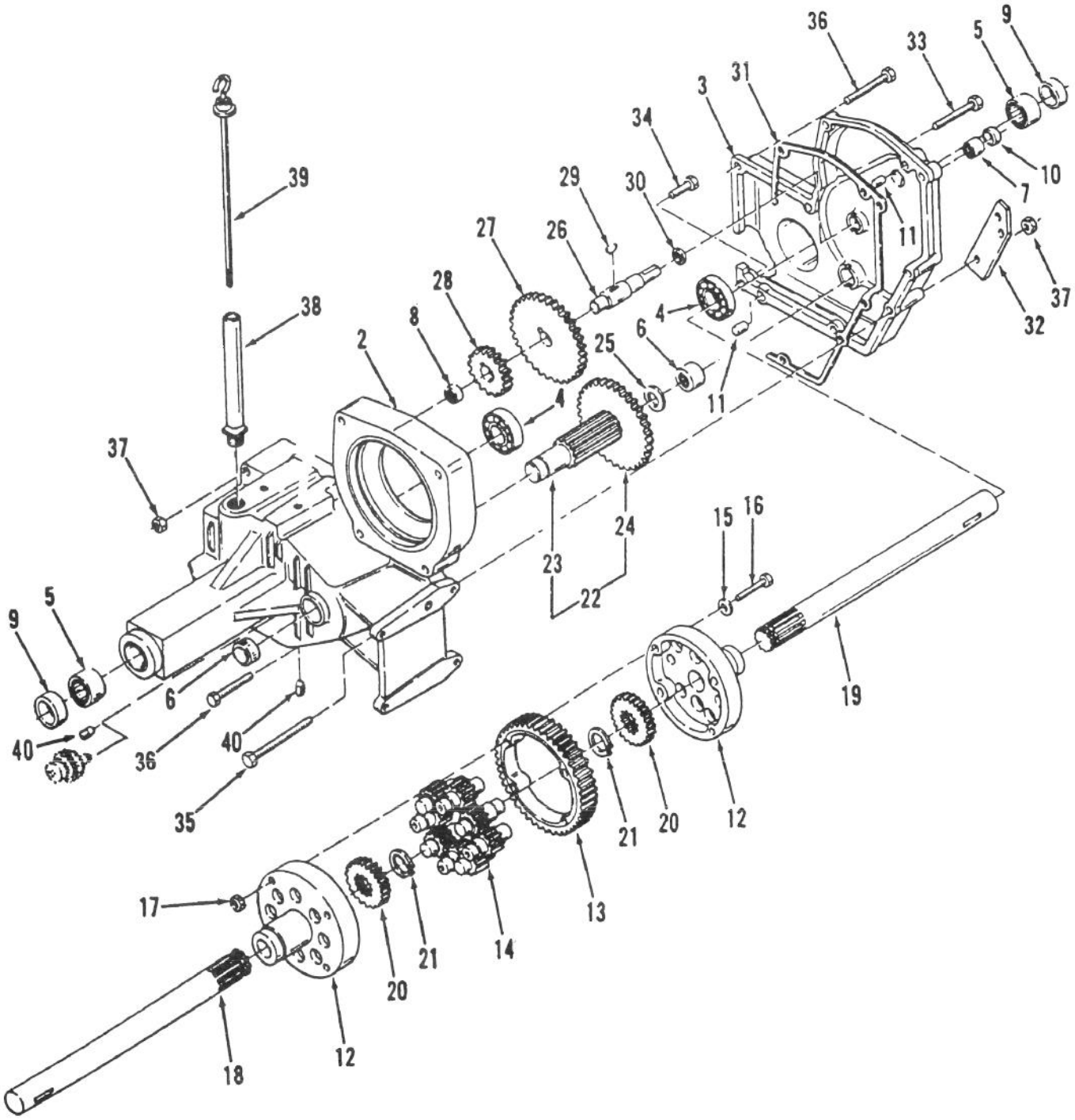


TRANSMISSION EATON

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

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

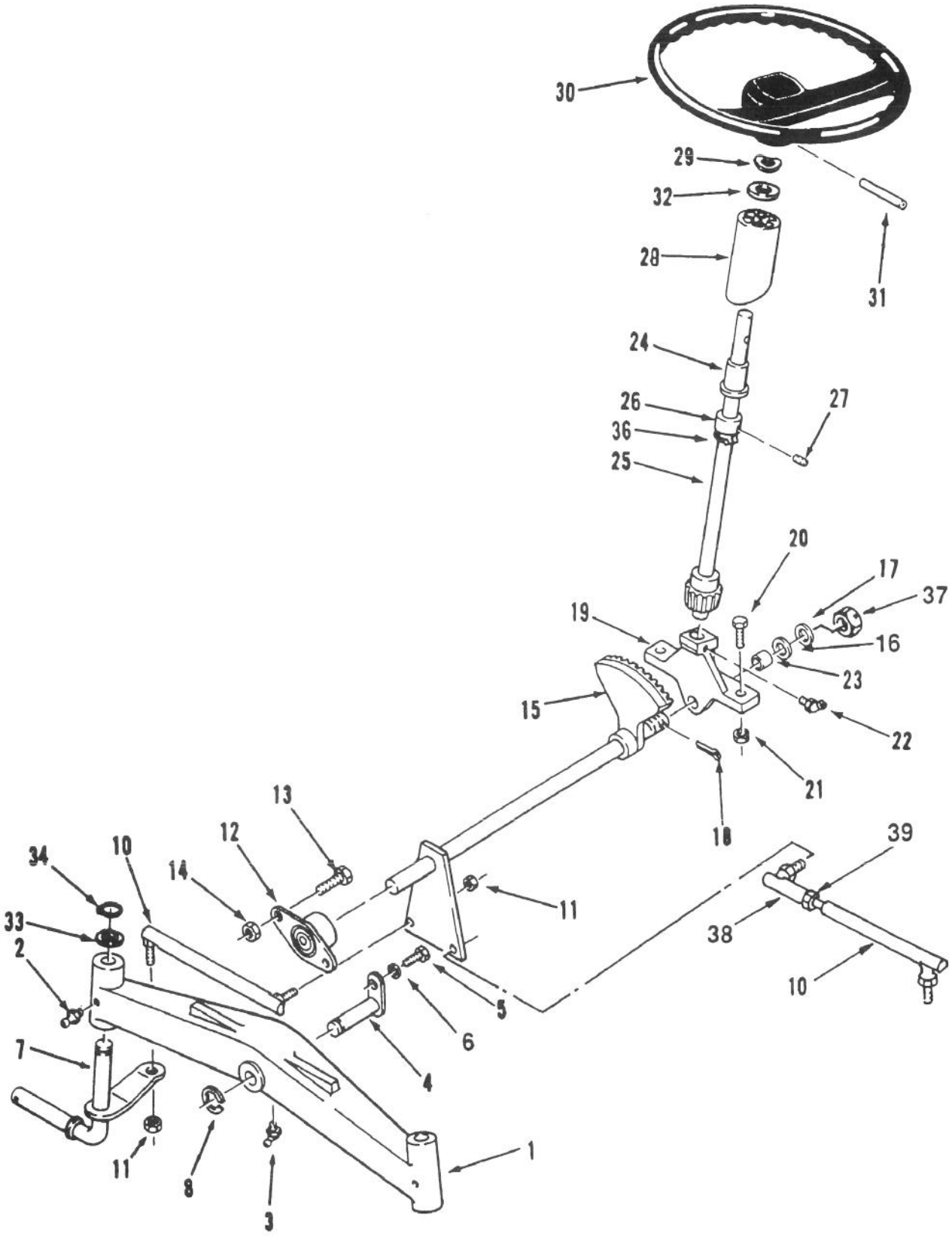
TRANSAXLE 312–H, 416–H



TRANSAXLE 312–H, 416–H

Ref. No.	Part No.	Description	No. Used
1	115173	Transaxle – Complete	1
2	113927	Case – Transaxle, RH	1
3	111201	Case – Transaxle, LH	1
4	111199	Bearing – Ball 40 mm I.D.	2
5	9416	Bearing – Needle 1–1/8 I.D.	2
6	1532	Bearing – Needle 1 I.D.	2
7	1538	Bearing – Needle 3/4 I.D.	1
8	1518	Bearing – Needle 5/8 I.D.	1
9	6449	Axle – Seal	2
10	108357	Seal	1
11	108363	Pin – Dowel	2
12	111196	Cap – Differential End	2
13	105061	Gear – Differential Ring 43 Tooth	1
14	101623	Gear – Differential Pinion 11 Tooth	8
15	107374	Washer – Special	4
16	911423	Bolt 3/8–16 x 3–1/2 Grade 8	4
17	108881	Nut – 3/8–16	4
18	108362	Axle – Rear, RH Long 13–1/8 in./33 cm	1
19	108361	Axle – Rear, LH Short 10–1/8 in./26 cm	1
20	101889	Gear – Differential Axle 24 Tooth	2
21	105876	Ring – Retaining	2
22	109703	Gear Assembly	1
23	101625	Gear – Pinion 11 Tooth	1
24	101626	Gear – Pinion 44 Tooth	1
25	9547	Washer – Thrust	1
26	109370	Shaft	1
27	109752	Gear 46 Tooth	1
28	109742	Gear 20 Tooth	1
29	937099	Key – Woodruff 3/16 x 1–1/8	1
30	7956	Washer – Thrust	1
31	108312	Gasket – Case	1
32	109367	Bracket – Brake	1
33	908040	Bolt 3/8–16 x 2–1/2	1
34	323–7	Bolt 3/8–16 x 1–1/4	1
35	323–25	Bolt 3/8–16 x 5–1/2	1
36	323–15	Bolt 3/8–16 x 3–1/4	2
37	3296–39	Nut 3/8–16	3
38	106448	Tube – Filler	1
39	110768	Dipstick	1
40	281–10	Plug – Pipe, Allen Hd 1/4	2

FRONT AXLE AND STEERING



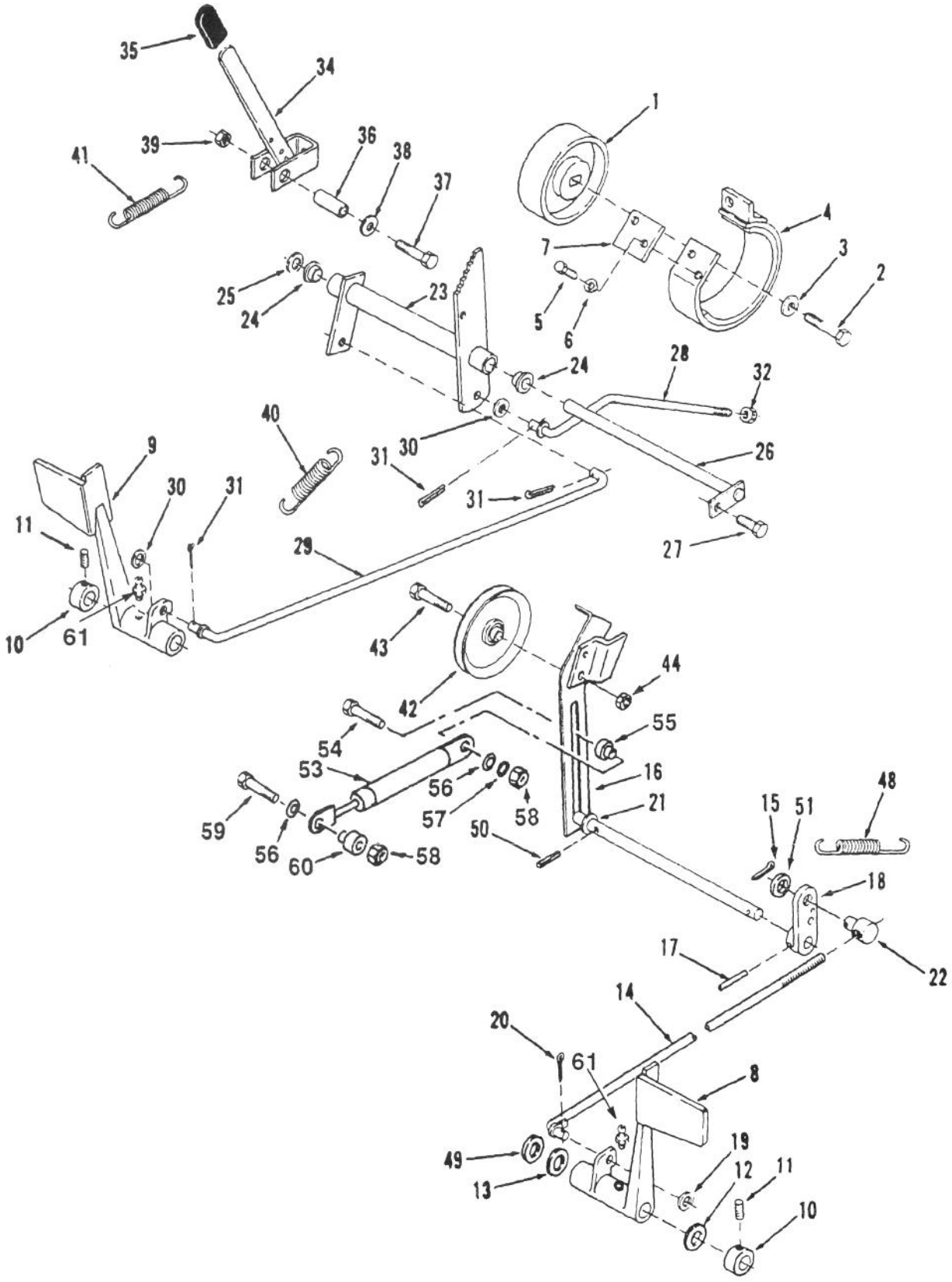
FRONT AXLE AND STEERING

Ref. No.	Part No.	Description	No. Used
1	5638	Axle – Front	1
2	1030	Fitting – Grease, Straight	2
3	1481	Fitting – Grease, 45°	1
4	6216	Pin & Plate	1
5	322-1	Bolt 5/16-18 x 1/2	1
6	3253-4	Washer – Lock 5/16	1
7	113380	Spindle – Front, RH 310-8, 312-8, 321-H	1
*	113379	Spindle – Front, LH 310-8, 312-8, 321-H	1
*	113381	Spindle – Front, LH 416-8, 416-H	1
*	113382	Spindle – Front, RH 416-8, 416-H	1
8	5618	Ring – Retaining	1
10	78-2900	Tie Rod (Includes Item 38)	2
11	915693	Nut 3/8-24	4
12	6472	Bearing – Flanged	1
13	323-7	Bolt 3/8-16 x 1-1/4	2
14	3296-39	Nut 3/8-16	2
15	78-2880	Shaft – Lower Steering	1
16	5210	Washer – Shim 3/4 x .015	1
17	1278	Washer – Shim 3/4 x .050	1
18	3272-19	Pin – Cotter 5/32 x 1-3/4	1

Ref. No.	Part No.	Description	No. Used
19	88-2710	Support – Steering	1
20	323-9	Bolt 3/8-16 x 1-3/4	2
21	32146-2	Nut 3/8-16	2
22	1481	Fitting – Grease, 45°	1
23	6397	Bearing – Lower Steering Shaft	1
24	109189	Bearing – Upper Steering Shaft	1
25	106177	Shaft – Upper Steering	1
26	1085	Collar	1
27	3245-32	Screw – Set 1/4-20 x 1/4	1
28	113443	Tube – Steering	1
29	7896	Washer – Bowed	1
30	78-3100	Steering Wheel 310-8 (Include Item 40)	1
*	117337	Steering Wheel 312-8, 312-H, 416-8, 416-H	1
31	32121-111	Pin – Spirol 1/4 x 2	1
32	109262	Washer – Special	1
33	1278	Washer	2
34	104822	Ring – Retaining	2
36	111646	Ring – Grip	1
37	915035	Nut – Slotted 3/4-16	1
38	78-2920	Joint – Ball	1
39	915002	Nut 3/8-24	1
40*	78-0370	Insert – Steering Wheel	1

*Not Illustrated

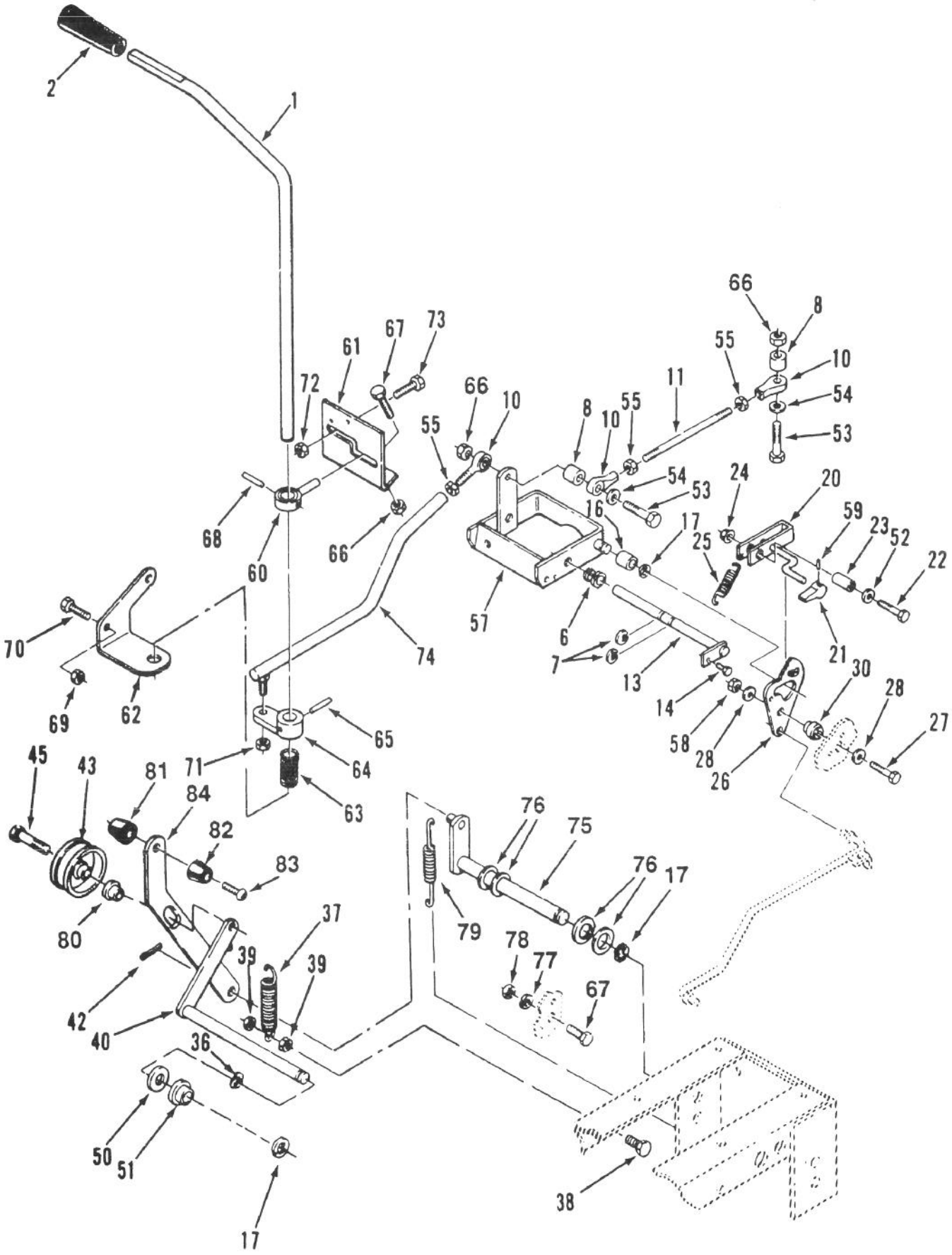
CLUTCH, BRAKE AND SPEED CONTROL LINKAGE



CLUTCH, BRAKE AND SPEED CONTROL LINKAGE

Ref. No.	Part No.	Description	No. Used
1	106719	Drum – Brake	1
2	110234	Bolt 3/8–16 x 3/4 Nylok	1
3	2844	Washer – Special	1
4	9593	Band – Brake	1
5	321–3	Bolt 1/4–20 x 5/8	2
6	3253–3	Washer – Lock 1/4	2
7	9598	Plate – Back–Up	1
8	114814	Pedal – Clutch	1
9	114813	Pedal – Brake	1
10	1085	Collar	2
11	3245–32	Screw –Set 1/4–20 x 1/4	2
12	7896	Washer – Bowed	1
13	1278	Washer – Shim 3/4 x .050	1
14	103347	Rod – Clutch	1
15	3272–6	Pin – Cotter 3/32 x 3/4	1
16	78–2970	Arm – Clutch Idler	1
17	933190	Pin – Spirol 3/16 x 1–1/4	1
18	105896	Arm – Clutch Rod	1
19	920248	Washer – Nylon 3/8	3
20	3272–10	Pin – Cotter 1/8 x 3/4	2
21	3765	Washer – Shim 1/2 x .0301	1
22	101161	Trunnion – Clutch Rod	1
23	103543	Bell Crank – Brake Linkage	1
24	7879	Bushing	2
25	3256–26	Washer 1/2 SAE	1
26	106417	Rod – Bell Crank Pivot	1
27	926694	Bolt 5/16–18 x 5/8 ST	1
28	105900	Rod – Brake, Rear	1
29	105886	Rod – Brake, Front	1
30	920248	Washer – Nylon 3/8	2
31	3272–10	Pin – Cotter	3
32	3296–39	Nut 3/8–16	1
34	106451	Lever – Parking Brake	1
35	6820	Grip	1
36	102025	Spacer	1
37	323–9	Bolt 3/8–16 x 1–3/4	1
38	3256–24	Washer 3/8 SAE	1
39	102809	Nut – Special	1
40	107677	Spring – Brake Return	1
41	103628	Spring – Parking Brake Return	1
42	7451	Pulley – Idler	1
43	106193	Bolt – Special 3/8–16 x 1-1/2	1
44	3296–39	Nut 3/8–16	1
48	108035	Spring – Clutch Return	1
49	920225	Washer – Special	1
50	933267	Pin – Spirol 5/32 x 1–1/4	1
51	3256–24	Washer 3/8 SAE	1
53	78–3240	Spring – Gas	1
54	321–6	Bolt 1/4–20 x 1	1
55	78–3260	Spacer	1
56	3256–22	Washer	2
57	3253–3	Washer – Lock	1
58	3296–42	Nut 1/4–20	2
59	321–9	Bolt 1/4–20 x 1–1/2	1
60	78–3250	Spacer	1
61	302–5	Fitting – Grease	2

CLUTCH, BRAKE MOTION CONTROL LINKAGE

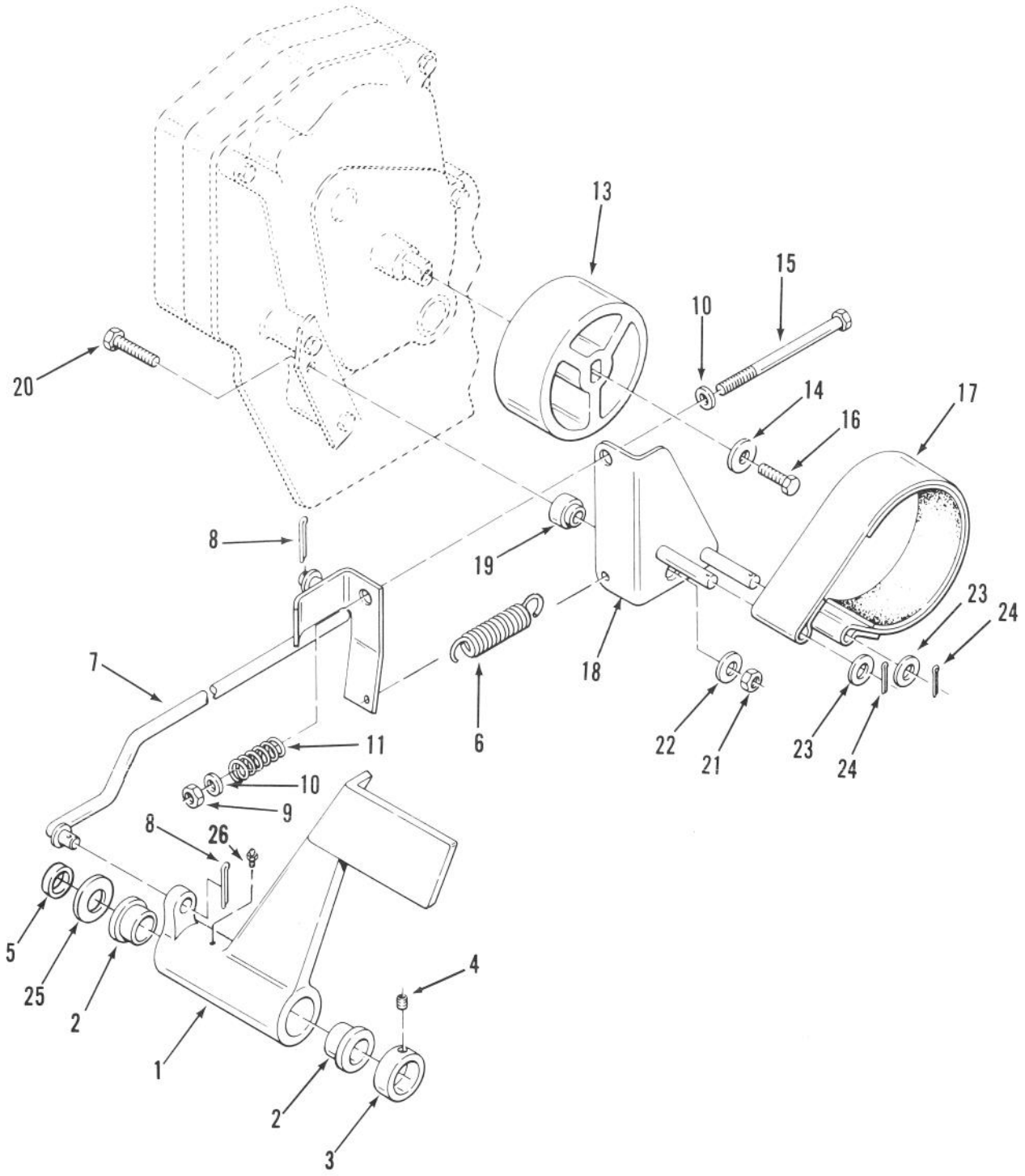


CLUTCH, BRAKE MOTION CONTROL LINKAGE
312-H & 416-H

Ref. No.	Part No.	Description	No. Used
1	78-5660	Lever - Motion Control	1
2	116635	Knob - Motion Control Linkage	1
6	5983	Bushing	2
7	5701	Ring - Retaining	2
8	100304	Spacer	2
10	116407	Rod End	2
11	108904	Rod Control 9" Long	1
13	108496	Pivot Rod-Motion Control Lever	1
14	926694	Bolt 5/16-18 x 5/8 S.T.	1
16	100656	Bearing - Cam	1
17	5701	Ring - Retaining 1/2" (5 used on 312-H)	4
20	78-8500	Lever - Parking Brake	1
21	118860	Knob - Parking Brake Lever	1
22	323-9	Bolt 3/8-16 x 1-3/4	1
23	102025	Spacer	1
24	102809	Nut - Special, Flanged	1
25	1230	Spring	1
26	108716	Plate - Cam	1
27	323-8	Bolt 3/8-16 x 1-1/2	1
28	3256-4	Washer 3/8 SAE	2
30	108717	Spacer	1
36	108473	Washer - Wave	2
37	107938	Spring	1
38	321-6	Bolt 1/4-20 x 1	1
39	32146-17	Nut 1/4 x 20	4
40	106368	Rod - Pivot (312-H)	1
*	78-6020	Rod - Pivot (416-H)	1
42		Pin - Cotter	1
43	112426	Pulley - Idler (312'S)	1
45	106193	Bolt - Special 3/8-16 x 1-1/2	1
50	3256-26	Washer 1/2 SAE	1
51	7879	Bushing	1
52	3256-24	Washer 3/8 SAE	1

Ref. No.	Part No.	Description	No. Used
53	911458	Bolt 1/4-20 x 1-1/2	2
54	3256-22	Washer 1/4 SAE	2
55	3220-1	Nut - Jam 1/4-28	3
57	113454	Control - Cam	1
58	3296-39	Nut 3/8-16	2
59	933135	Pin - Spirol 3/32 x 5/8	1
60	118660	Guide - Control	1
61	78-5631	Bracket - Control	1
62	78-1540	Bracket - Control, Lower	1
63	101853	Spring	1
64	116321	Arm - Control	1
65	32312-94	Pin - Spirol 5/32 x 1	1
66	3296-42	Nut 1/4-20	2
67	321-4	Bolt 1/4-20 x 3/4 (3 used on 312-H)	2
68	933198	Pin - Spirol 7/32 x 7/8	1
69	3296-29	Nut 5/16-18	2
70	322-3	Bolt 5/16-18 x 3/4	2
71	3296-4	Nut 5/16-24	1
72	3296-29	Nut - Stop 5/16-18	1
73	322-2	Bolt - Stop 5/16-18	1
74	116324	Rod Assembly	1
75	106369	Shaft (312-H)	1
76	3256-26	Washer 1/2 SAE (312-H)	4
77	3255-7	Washer - Lock 1/4 Ext. Tooth (312-H)	1
78	3218-1	Nut 1/4-20 (312-H)	1
79	110769	Spring (312-H)	1
80	106450	Spacer (312-H)	1
81	8722	Knob (312-H)	1
82	8693	Knob (312-H)	1
83	911747	Screw #10-24 x 1-1/4 (312-H)	1
84	110780	Handle (312-H)	1

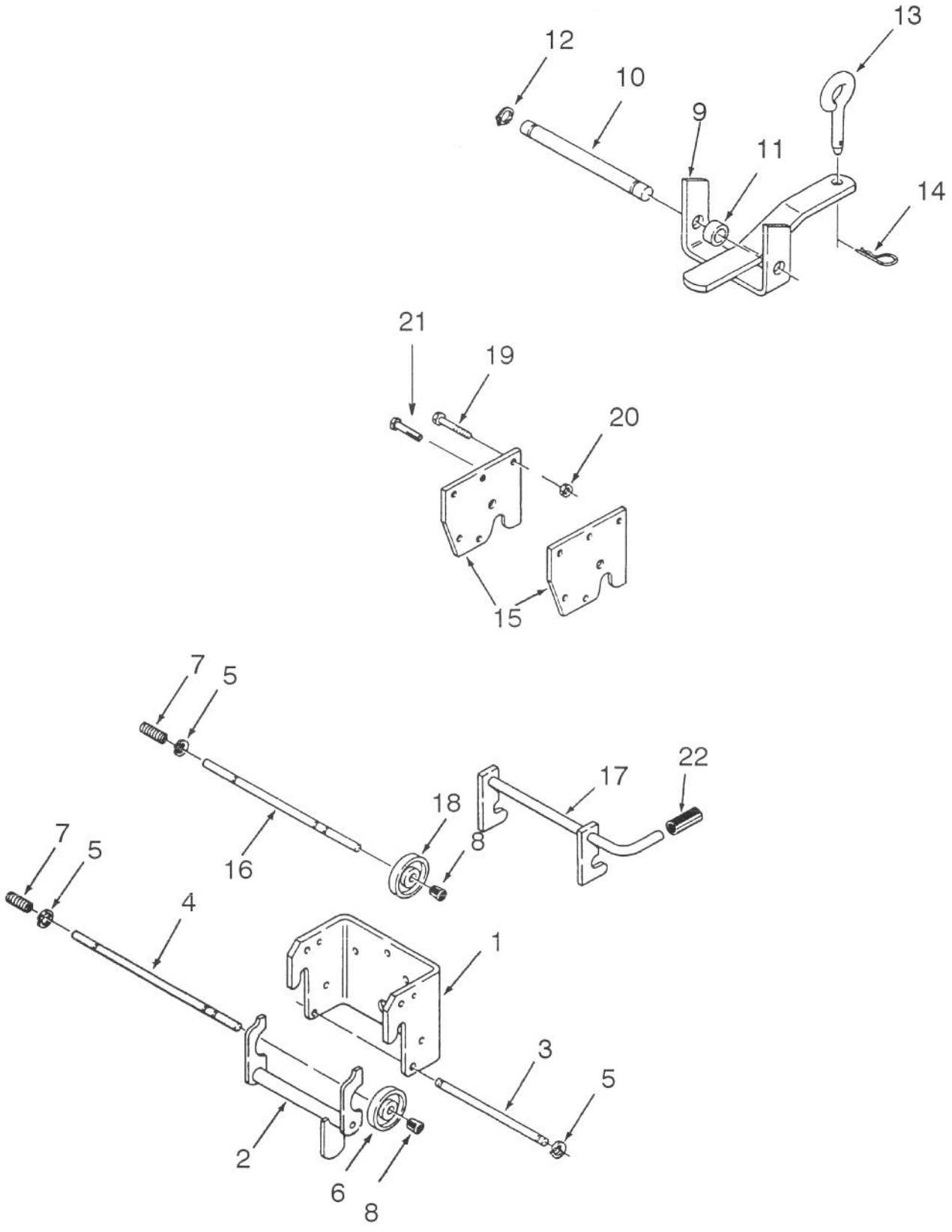
CLUTCH, BRAKE AND SPEED CONTROL LINKAGE
312-H & 416-H



CLUTCH, BRAKE AND SPEED CONTROL LINKAGE – 312–H & 416–H

Ref. No.	Part No.	Description	No. Used
1	79–1350	Pedal – Brake/Return To Neutral	1
2	6254	Bushing	2
3	1085	Collar	1
4	3245–32	Screw – Set 1/4–20 x 1/4	1
5	107691	Spacer	1
6	103125	Spring – Brake Return	1
7	109372	Rod – Brake, Front	1
8	3272–11	Pin – Cotter 1/8 x 1	2
9	3296–39	Nut 3/8–16	1
10	3256–24	Washer 3/8 SAE	2
11	108680	Spring	1
13	106719	Drum – Brake	1
14	2844	Special Washer	1
15	323–23	Bolt 3/8–16 x 4–1/2	1
16	3235–22	Bolt 3/8–16 x 1	1
17	109371	Band – Brake	1
18	109367	Arm – Brake Pivot	1
19	109356	Bushing	1
20	323–9	Bolt 3/8–16 x 1–3/4	1
21	3296–39	Nut 3/8–16	1
22	3256–4	Washer 3/8 U.S.	1
23	3256–6	Washer 3/8 SAE	2
24	3272–6	Pin – Cotter 3/32 x 3/4	2
25	1278	Washer – Shim	1
26	1030	Fitting – Grease	1

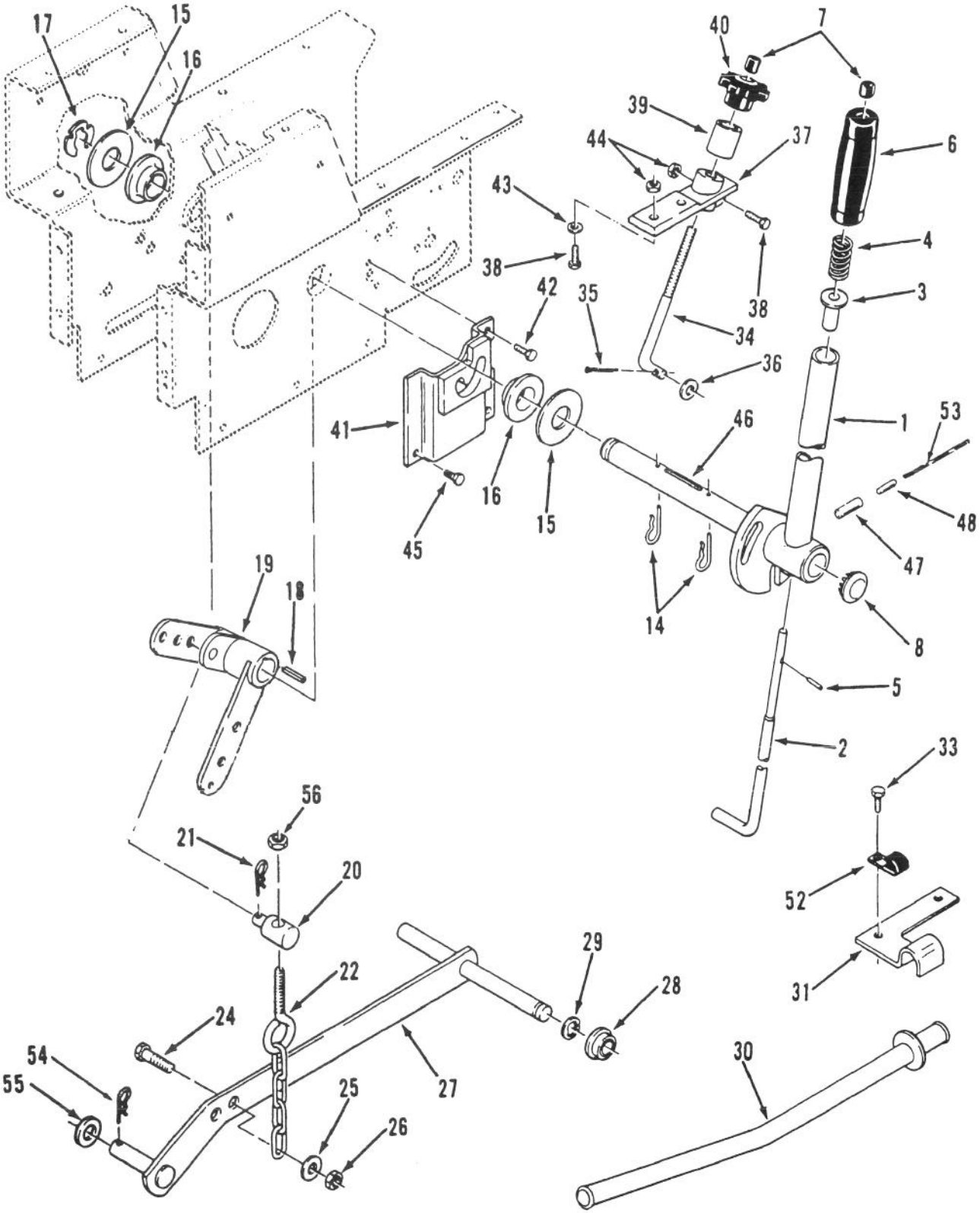
HITCHES



HITCHES

Ref. No.	Part No.	Description	No. Used
1	101711	Housing – Front Hitch	1
2	105859	Latch–Front Hitch	1
3	101750	Rod	1
4	101751	Rod–Front Hitch Lock	1
5	105797	Ring – Retaining	8
6	101707	Lock	1
7	8616	Spring	2
8	105316	Cap–Lock Rod	2
9	1644	Hitch – Drawbar	1
10	105269	Shaft–Drawbar Hitch	1
11	979120	Spacer	2
12	5618	Ring – Retaining	2
13	106634	Pin – Hitch	1
14	933505	Pin–Cotter	1
15	102644	Plate – Mid Hitch	2
16	117940	Rod–Mid Hitch Lock	1
17	117930	Latch–Mid Hitch	1
18	83–6520	Rod – Lock	1
19	323–6	Bolt 3/8–16 x 1	3
20	3296–39	Nut 3/8–16	5
21	323–7	Bolt 3/8–16 x 1–1/4	2
22	9038	Grip	1

MANUAL LIFT LINKAGE

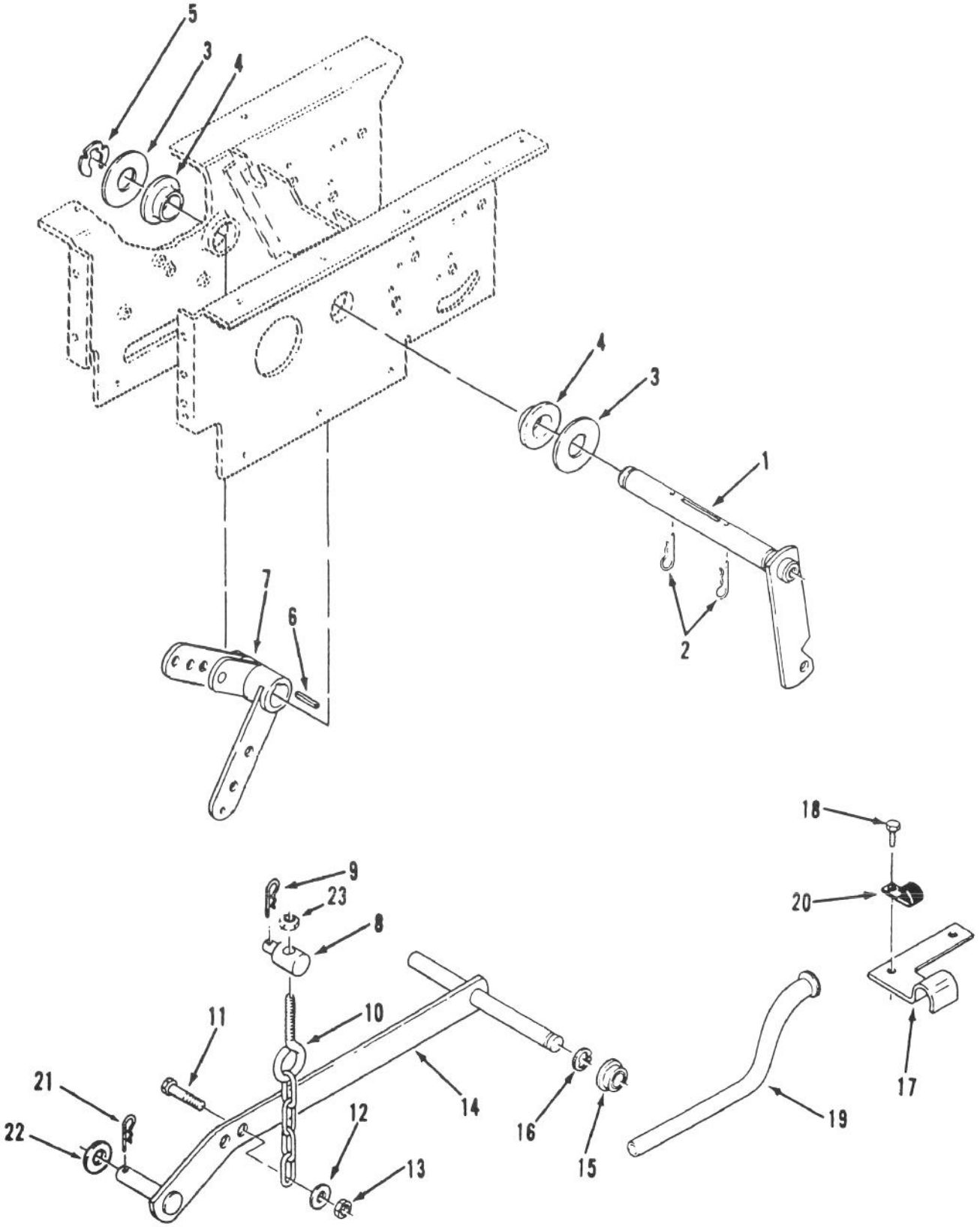


MANUAL LIFT LINKAGE

Ref. No.	Part No.	Description	No. Used
1	108563	Lever – Lift (Includes Items 46, 47, & 48)	1
2	106257	Rod – Latch	1
3	8130	Retainer – Spring	1
4	3624	Spring	1
5	933148	Pin – Spirol 1/8 x 1/2	1
6	6542	Grip – Lift Lever	1
7	105316	Cap – Rod (2 used on 416)	1
8	4944	Button – Plug	1
14	933507	Pin – Cotter	2
15	3256–30	Washer 1 in. SAE	3
16	106269	Bushing	2
17	106414	Retainer	1
18	1121	Key 1/4 Sq x 1–3/16	1
19	78–1550	Bellcrank	1
20	6739	Trunnion	1
21	933504	Pin – Cotter	1
22	106522	Chain – Lift	1
24	322–6	Bolt 5/16–18 x 1–1/4	1
25	3256–23	Washer 5/16	1
26	3296–29	Nut 5/16–18	1
27	113445	Bar – Lift	1
28	6229	Bearing	1
29	5701	Ring – Retaining	1
30	105845	Tube – Rear Lift Cable	1

Ref. No.	Part No.	Description	No. Used
31	108903	Clamp – Tube	1
33	3235–22	Bolt 3/8–16 x 1	2
34	110653	Rod – Height Control 310–8, 312–8, 416–8	1
35	3272–10	Pin – Cotter 1/8 x 3/4	1
36	3256–5	Washer 7/16 U.S.	1
37	106345	Casting – Height Control 310–8, 312–8, 416–8	1
38	322–5	Bolt 5/16–18 x 1	3
39	106258	Sleeve 310–8, 312–8, 416–8	1
40	5280	Knob – Height Control 310–8, 312–8, 416–8	1
41	106411	Latch Bracket	1
42	926694	Bolt 5/16–18 x 5/8 ST	1
43	3256–23	Washer 5/16 SAE	2
44	3296–29	Nut 5/16–18	3
45	926696	Bolt 5/16–18 x 7/8 ST	2
46	108565	Shaft	1
47	32121–103	Pin – Spirol	1
48	32121–35	Pin – Roll	1
52	8830	Clamp	1
53	111154	Wire – Lock	1
54	933505	Pin – Cotter	1
55	3256–26	Washer 1/2 SAE	1
56	3296–39	Nut 3/8–16	1

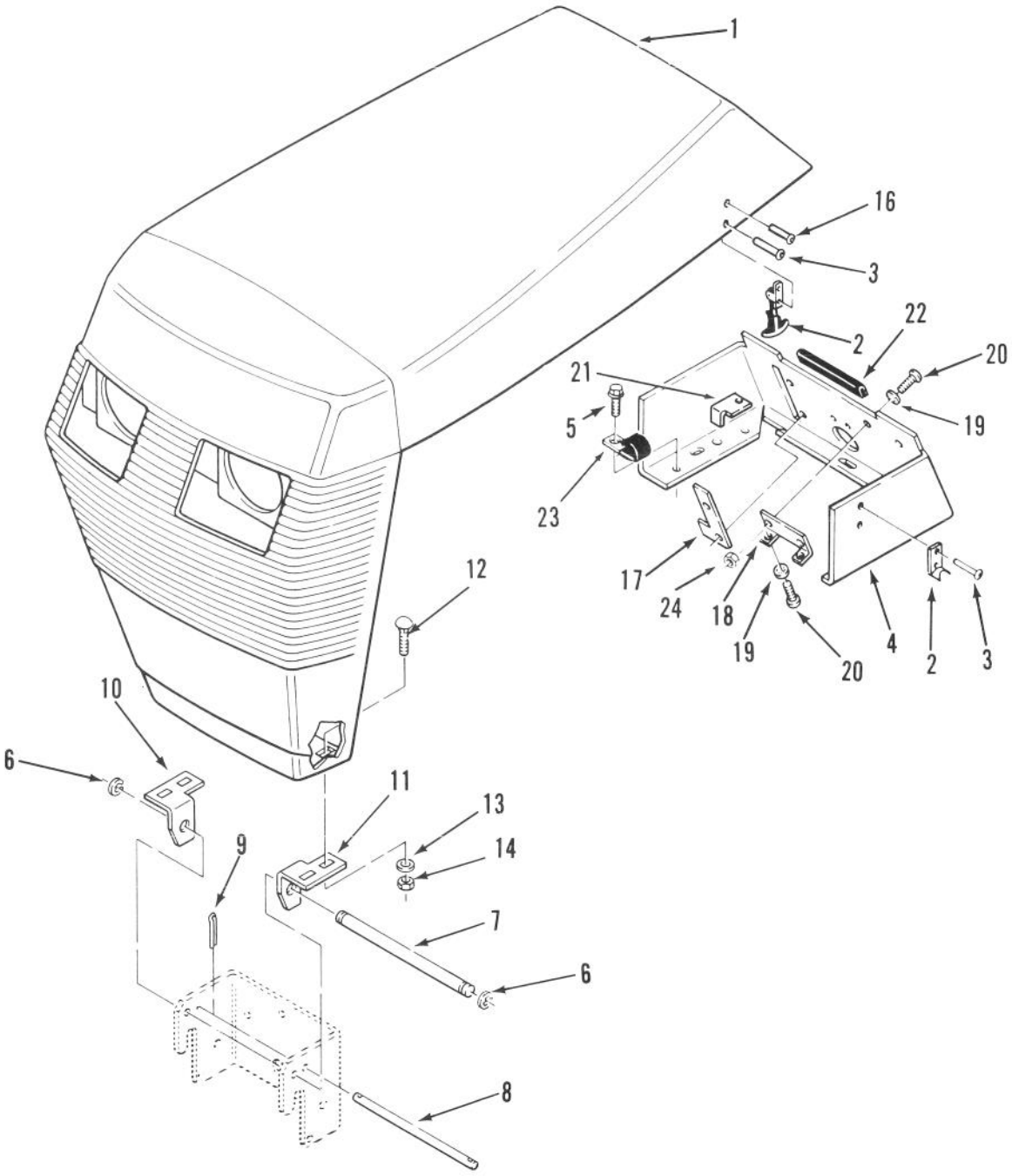
HYDROSTATIC LIFT LINKAGE 312-H & 416-H



HYDROSTATIC LIFT LINKAGE 312–H & 416–H

Ref. No.	Part No.	Description	No. Used
1	121100	Lever – Lift	1
2	933507	Pin – Cotter	2
3	3256–30	Washer 1" SAE	3
4	106269	Bushing	2
5	106414	Retainer	2
6	1121	Key 1/4 sq. x 1–3/16	1
7	78–1550	Bellcrank	1
8	6739	Trunnion	1
9	933505	Pin – Cotter	1
10	106522	Chain – Lift	1
11	322–5	Bolt 5/16–18 x 1	1
12	3256–23	Washer 5/16	1
13	3296–29	Nut 5/16–18	1
14	113445	Bar – Lift	1
15	6229	Bearing	1
16	5701	Ring – Retaining	1
17	108903	Tube – Clamp	1
18	3235–22	Bolt 3/8–19 x 1	2
19	108315	Tube – Rear Lift Cable	1
20	8830	Clamp	1
21	933505	Pin – Cotter	1
22	3256–26	Washer 1/2 SAE	1
23	3296–39	Nut 3/8–16	1

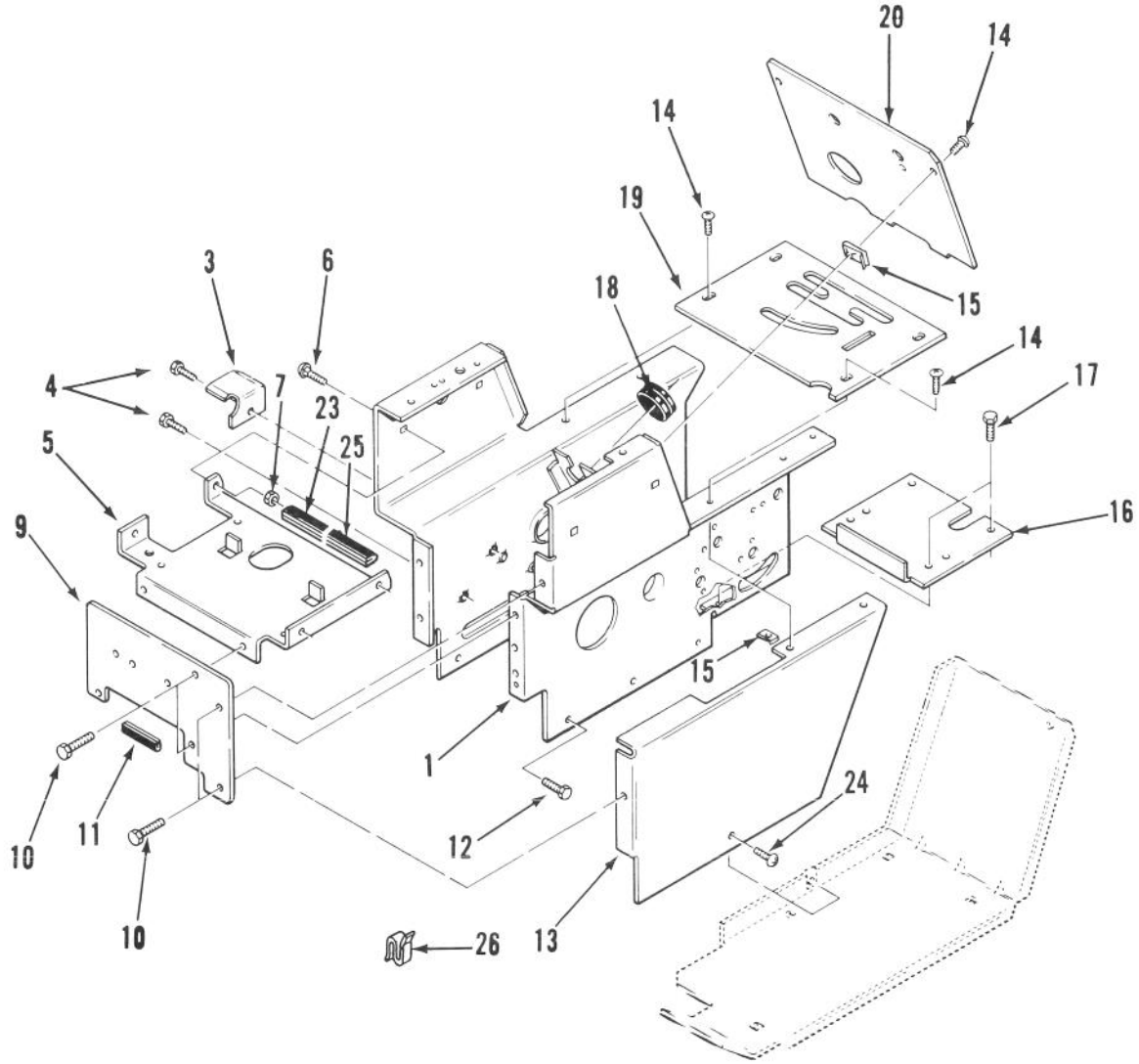
SHEET METAL AND COVERS



SHEET METAL AND COVERS

Ref. No.	Part No.	Description	No. Used
1	112358	Hood	1
2	117341	Latch – Hood	2
3	117432	Rivet – Pop 1/8 x .294	4
4	111270	Console 310–8	1
*	111271	Console 312–8, 416–8	1
*	78–5610	Console 312–H, 416–H	1
5	926694	Bolt – Washer Hd ST 5/16–18 x 5/8	3
6	105797	Ring – Retaining	2
7	116745	Rod – Pivot	1
8	101850	Rod – Hood Stop	1
9	932000	Pin – Cotter 1/16 x 1/2	2
10	116746	Bracket – RH	1
11	116747	Bracket – LH	1
12	3229–25	Bolt – Carriage 1/4–20 x 3/4	4
13	3256–22	Washer 1/4 SAE	4
14	32146–17	Nut 1/4–20	4
16	117431	Rivet – Pop 1/8 x .232	2
17	120590	Stop – Throttle	1
*		Stop – Throttle 312–H, 416–H	1
18	112506	Bracket 312, 416	1
19	920150	Washer – Lock Internal Tooth #6	4
20	910762	Screw – Black #6–32 x 3/8	4
21	112415	Stop – PTO	1
22	111757	Edging – Console	1
23	111392	J–Clip	1
24	3217–29	Nut #6–32	4
*	5983	Bushing – Hood Pivot & Bracket	2

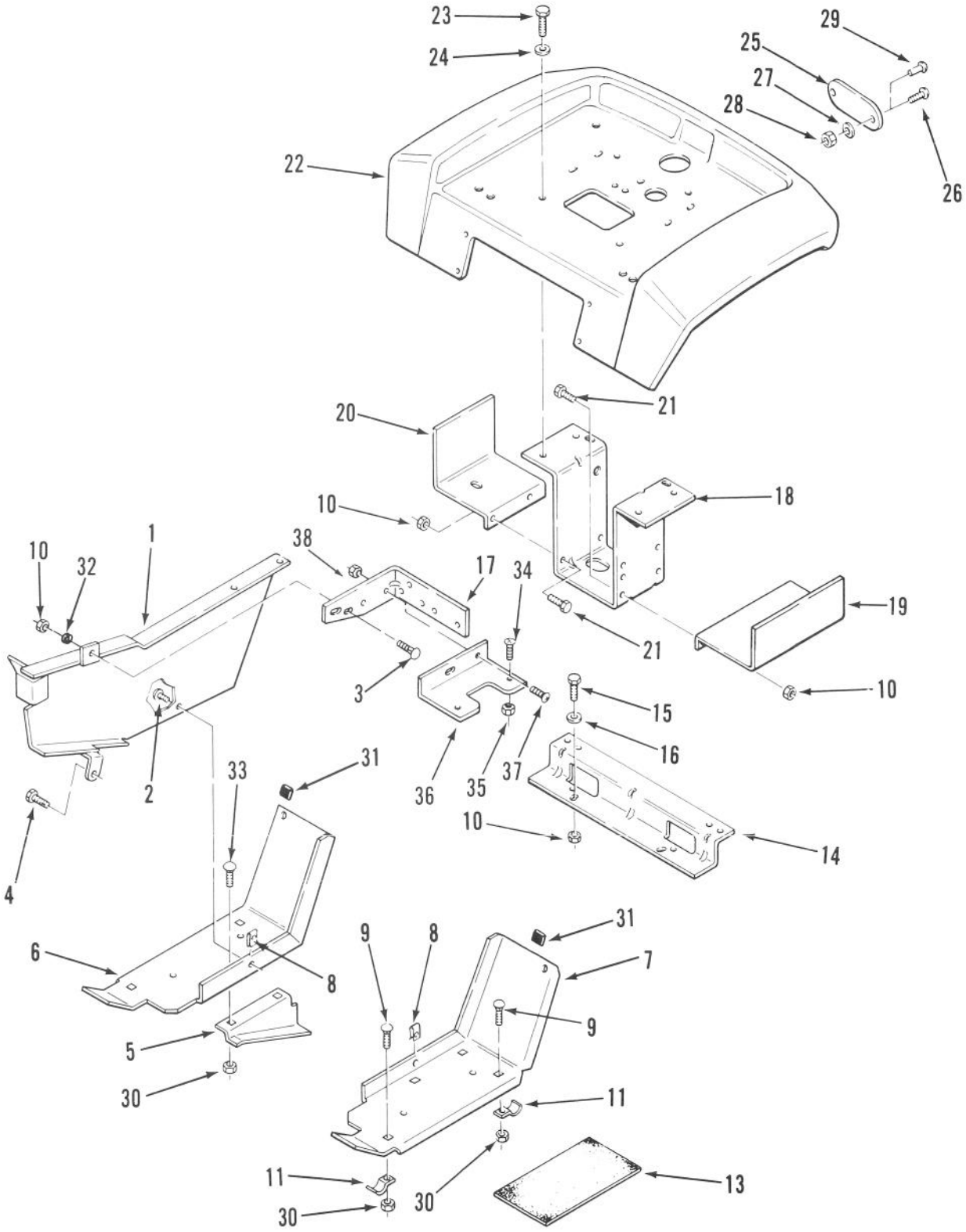
SHEET METAL AND COVERS



SHEET METAL AND COVERS

Ref. No.	Part No.	Description	No. Used
1	79-4900	Hoodstand	1
3	106261	Bracket - Belt	1
4	926694	Bolt 5/16-18 x 5/8 ST	1
5	78-3010	Bracket - Battery Support 310-8, 312-8, 416-8	1
*	78-3000	Bracket - Battery Support 312-H, 416-H	1
6	117371	Bolt - Carriage 5/16-18 x 1/2	4
7	3217-6	Nut 5/16-18	4
9	78-3020	Plate - Front	1
10	926694	Bolt 5/16-18 x 5/8 ST	1
11	106772	Trim - Edge 4"	1
12	926694	Bolt 5/16-18 x 5/8 ST	4
*	926696	Bolt 5/16-18 x 7/8 ST	2
13	113935	Cover - Side, LH 310-8, 312-8, 416-8	1
*	79-5130	Cover - Side, LH 312-H, 416-H	1
14	910837	Screw - Black 1/4-20 x 5/8	6
15	107069	Nut - Speed	6
16	106250	Cover - Dust	1
17	926694	Bolt 5/16-18 x 5/8 ST	4
18	104248	Grommet	1
19	117253	Plate - Shift Cover 416-H	1
*	111386	Plate - Shift Cover 310-8, 312-8, 416-8	1
*	78-8110	Plate - Shift Cover 312-H	1
20	78-5620	Plate - Hood Stand 312-H	1
*	116862	Plate - Hood Stand 416-H	1
*	111034	Plate - Hood Stand 310-8	1
23	110142	Trim - Edge	1
24	910837	Screw 1/4-20 x 5/8	1
25	106454	Trim - Edge	1
26	3023	Clip	1

SHEET METAL AND COVERS



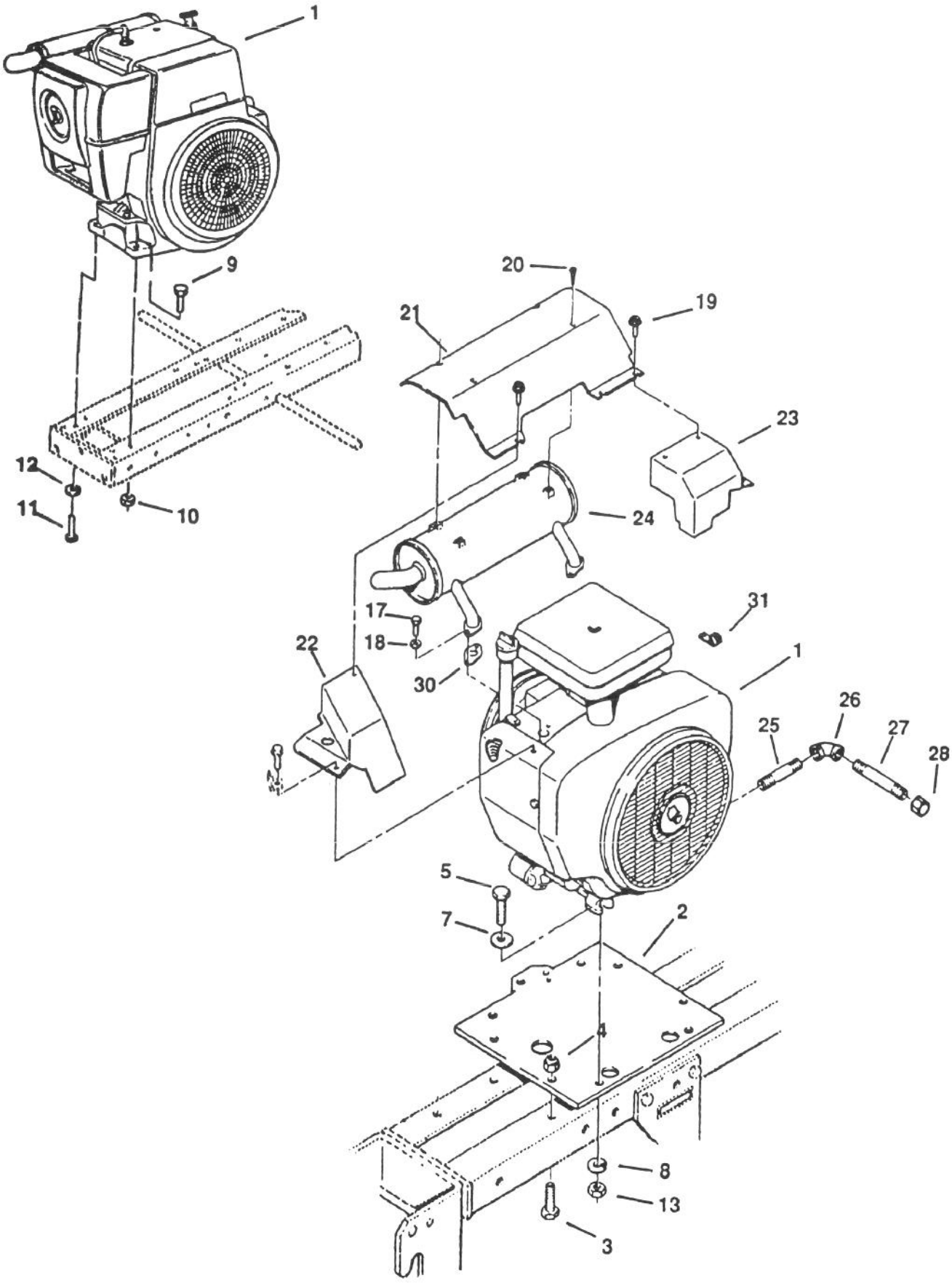
SHEET METAL AND COVERS

Ref. No.	Part No.	Description	No. Used
1	107975	Guard – Belt	
*		310–8, 312–8, 312–H	1
	114877	Guard – Belt 416–8, 416–H	1
2	910837	Screw 1/4–20 x 5/8	2
3	116000	Bolt – Carriage 5/16–18 x 3/4	1
4	926694	Bolt 5/16–18 x 5/8 ST	1
5	106352	Guard – Lower Belt	1
6	106222	Footrest – RH	1
7	106223	Footrest – LH	1
8	107069	Clip	3
9	116000	Bolt – Carriage 5/16–18 x 3/4	6
10	3296–29	Nut 5/16–18	7
11	7456	Clamp	4
13	110636	Pad – Footrest	
		312–8, 416–8 ,312–H, 416–H	2
*	106264	Pad – Footrest 310–8	2
14	107951	Bracket – Fender Front	1
15	322–3	Bolt 5/16–18 x 3/4	2
16	3256–23	Washer 5/16 SAE	2
17	109554	Bracket – Support Belt Guard	
		310, 312, 416	1
18	108897	Bracket – Fender Support	1
19	108464	Support – Fuel Tank, LH	1
20	106236	Support – Fuel Tank, RH	1

Ref. No.	Part No.	Description	No. Used
21	322–3	Bolt 5/16–18 x 3/4	4
22	3256–23	Fender	1
23	926694	Bolt 5/16–18 x 5/8 ST	4
24	920008	Washer 5/16 SAE	4
25	108547	Reflector 310	2
26	910808	Screw #10–32 x 5/8	
		(Optional) 310	4
27	3253–17	Washer – Lock #10	
		(Optional) 310	4
28	3219–14	Nut #10–32 (Optional) 310	4
29	109193	Rivet – Pop 3/16 x .57	
		Aluminum (Std. Production) 310	4
30	3296–29	Nut 5/16–18	6
31	111071	Bumper	2
32	108457	Nut – Push	1
33	118620	Bolt – Carriage 5/16–18 x 3/4	2
34	910794	Screw – Machine #10–24 x 3/4	
		310, 312	2
35	915740	Nut #10–24 310, 312	4
36	118280	Holder – Fuse 416–8, 416–H	1
	117331	Holder – Fuse	
		310–8, 312–8, 312–H	1
37	321–4	Bolt 1/2–20 x 3/4	2
38	3296–42	Nut 1/4–20	1

*Not Illustrated

ENGINES

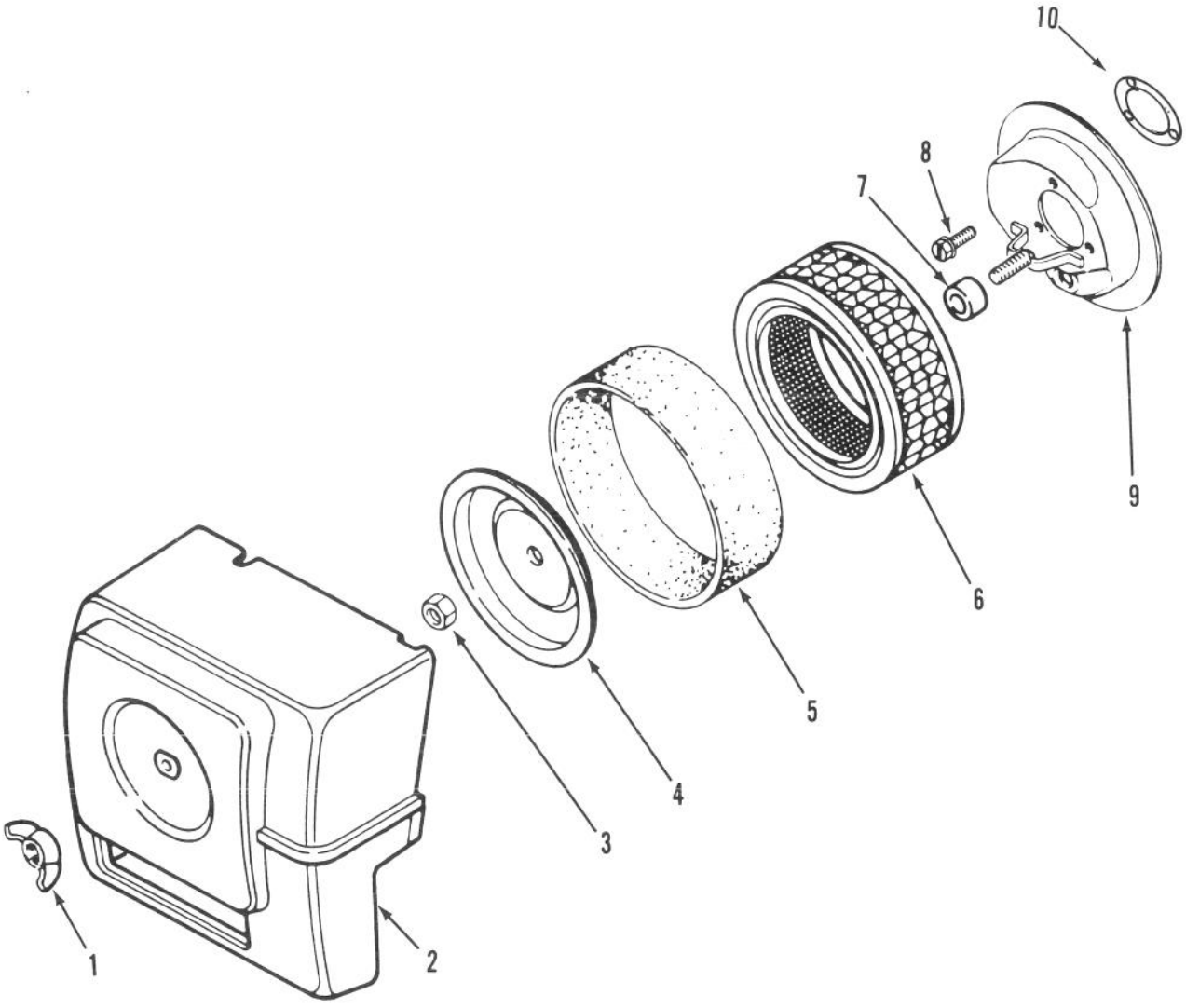


ENGINES

Ref. No.	Part No.	Description	No. Used
1		Engine – 10HP Kohler M-10-S Spec 461545 310	1
		Engine – 12HP Kohler M-12-S Spec 471527 – 312	1
		Engine – 16HP TORO Power Plus P216G-I/10976C – 416	1
2	116609	Plate – Engine 416	1
3	908035	Bolt 3/8-16 x 1-1/4	4
4	915553	Nut 3/8-16	4
5	908035	Bolt 3/8-16 x 1-1/4	4
7	3256-24	Washer 3/8 SAE	4
8	3253-24	Washer – Lock 3/8	4
9	323-8	Bolt 3/8-16 x 1-1/2 310, 312	2
10	3296-39	Nut 3/8-16	2
11	323-6	Bolt 3/8-16 x 1 310, 312	2
12	3253-21	Washer – Lock 3/8	1
13	32146-2	Nut 3/8-16	4
17	322-3	Bolt 5/16-18 x 3/4	4
18	3253-4	Washer – Lock 5/16	4
19	321-2	Bolt 1/4-20 x 1/2	3
20	910331	Screw #10-24 x 3/8	4
21	114217	Deflector – Air	1
22	114215	Cover – Exhaust, LH	1
23	114216	Cover – Exhaust, RH	1
24	116470	Muffler 416	1
25	114636	Pipe 3/8 x 3	1
26	114764	Elbow – 90°	1
27	114763	Pipe 3/8 x 4	1
28	5224	Cap	1
30	114214	Gasket – Exhaust	2
31	111357	Clip	1

*Not Illustrated

KOHLER AIR INTAKE

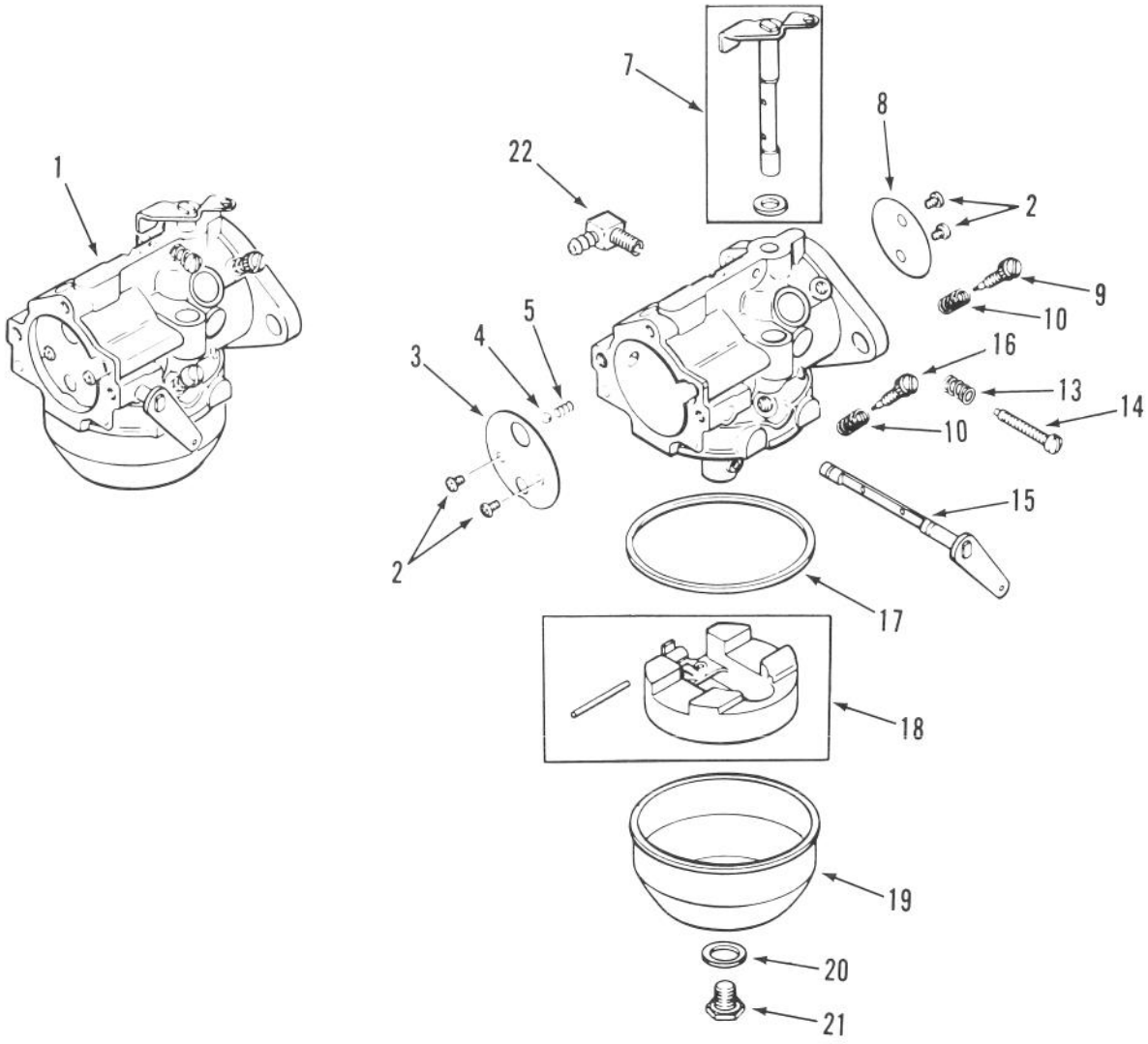


KOHLER AIR INTAKE

Ref. No.	Part No.	Description	No. Used
1	KH10576	Nut – Wing 1/4–20	1
2	KH10299	Cover	1
3	KH10189	Nut	1
4	KH10412	Cover – Air Cleaner Element	1
5	KH10235	Element – Precleaner	1
6	KH10236	Element	1
7	KH10034	Seal	1
8	KH10609	Screw 10/32 x 11/32	3
9	KH10297	Base – Air Cleaner	1
10	KH10697	Gasket	1
*	KH10191	Decal – Air Cleaner	1

*Not Illustrated

KOHLER CARBURETORS

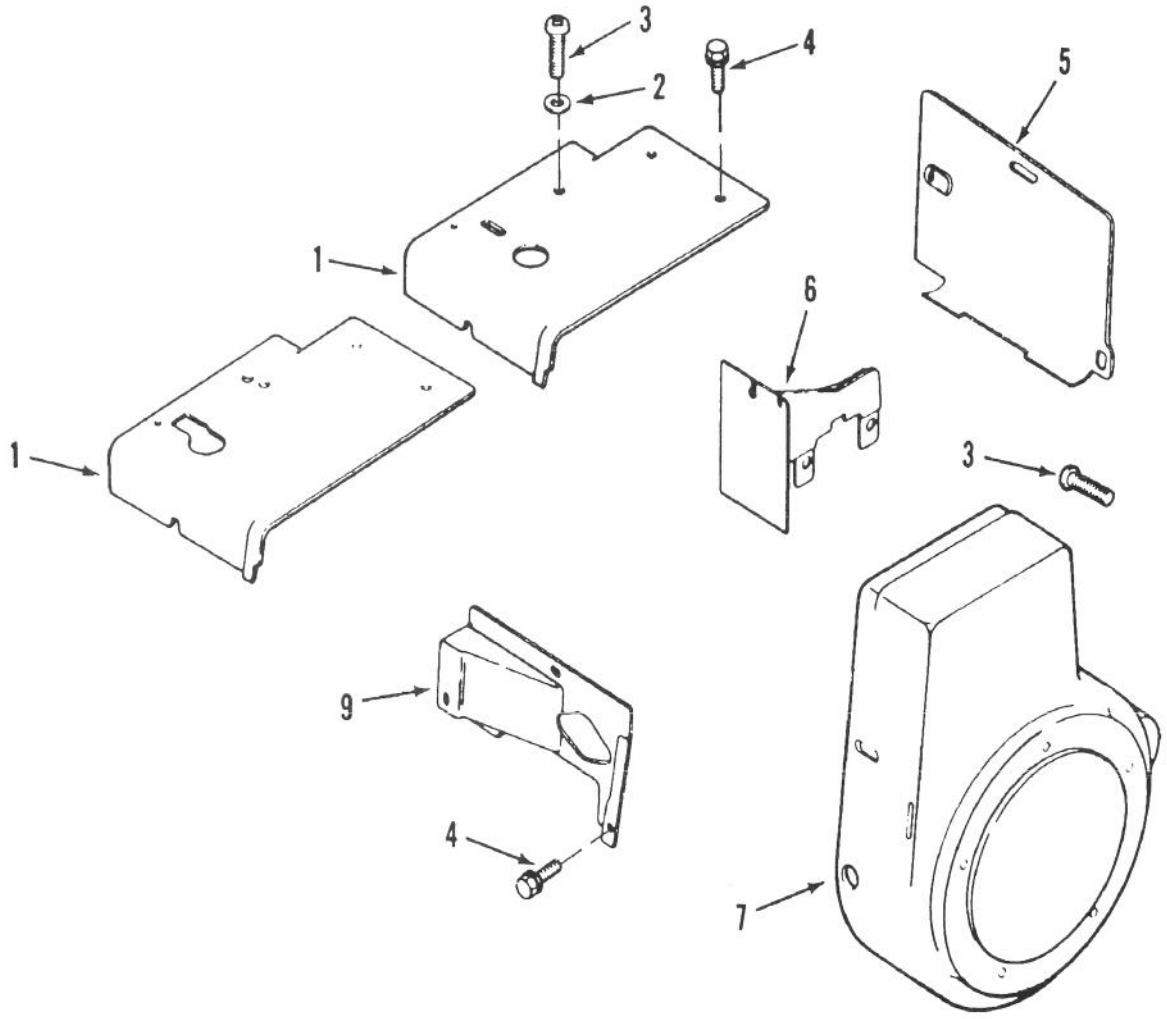


KOHLER CARBURETORS

Ref. No.	Part No.	Description	No. Used
1	KH10672	Carburetor Assembly (Includes 5 thru 8) 310, 312	1
2	KH10110	Screw	4
3	KH10708	Plate – Choke	1
4	KH10128	Ball	1
5	KH10113	Spring	1
7	KH10707	Shaft w/Lever & Seal	1
8	KH10121	Plate – Throttle	1
9	KH10132	Needle – Idle Fuel Adj.	1
10	KH10112	Spring – Idle Fuel	1
13	KH10114	Spring – Adj.	1
14	KH10109	Screw – Idle Speed Adj.	1
15	KH10702	Shaft – Choke	1
16	25–3603	Main – Needle	1
17	KH10094	Gasket	1
18	KH10663	Kit – Float	1
19	KH10117	Bowl – Fuel	1
20	KH10093	Gasket	1
21	KH10116	Screw	1
22		Connector 90°	1
*	KH10696	Kit – Carburetor Repair (Includes	
	KH10009	Gasket – Flange	
	KH10146	Gasket – Carburetor	
	KH10733	Gasket	
	KH10093	Gasket – Bowl Screen	
	KH10094	Gasket– Bowl	
	KH10677	Gasket – Air Cleaner	
	KH10697	Gasket	
	KH10274	Gasket – Carburetor	
*	KH10358	Kit – Choke & Throttle Repair	1
*	KH10710	Kit – High Altitude Jet (Includes	
	KH10682	Bushing	
	KH10709	Jet – Main	1
*	KH10674	Kit – Carburetor w/Linkage (Includes	
	KH10682	Bushing &	
	KH10709	Main Jet	1
*	KH10693	Kit – Adjustable Jet w/Linkage (Includes	
	KH10701	Carburetor Linkage	
	KH10682	Bushing – Linkage Natural	
	KH10686	Bushing Linkage Black	
	KH10697	Gasket – Air Cleaner	
	KH10693	Carburetor Assembly	
	KH10146	Gasket	
	KH10274	Gasket	1

*Not Illustrated

KOHLER BAFFLES AND SHROUDS

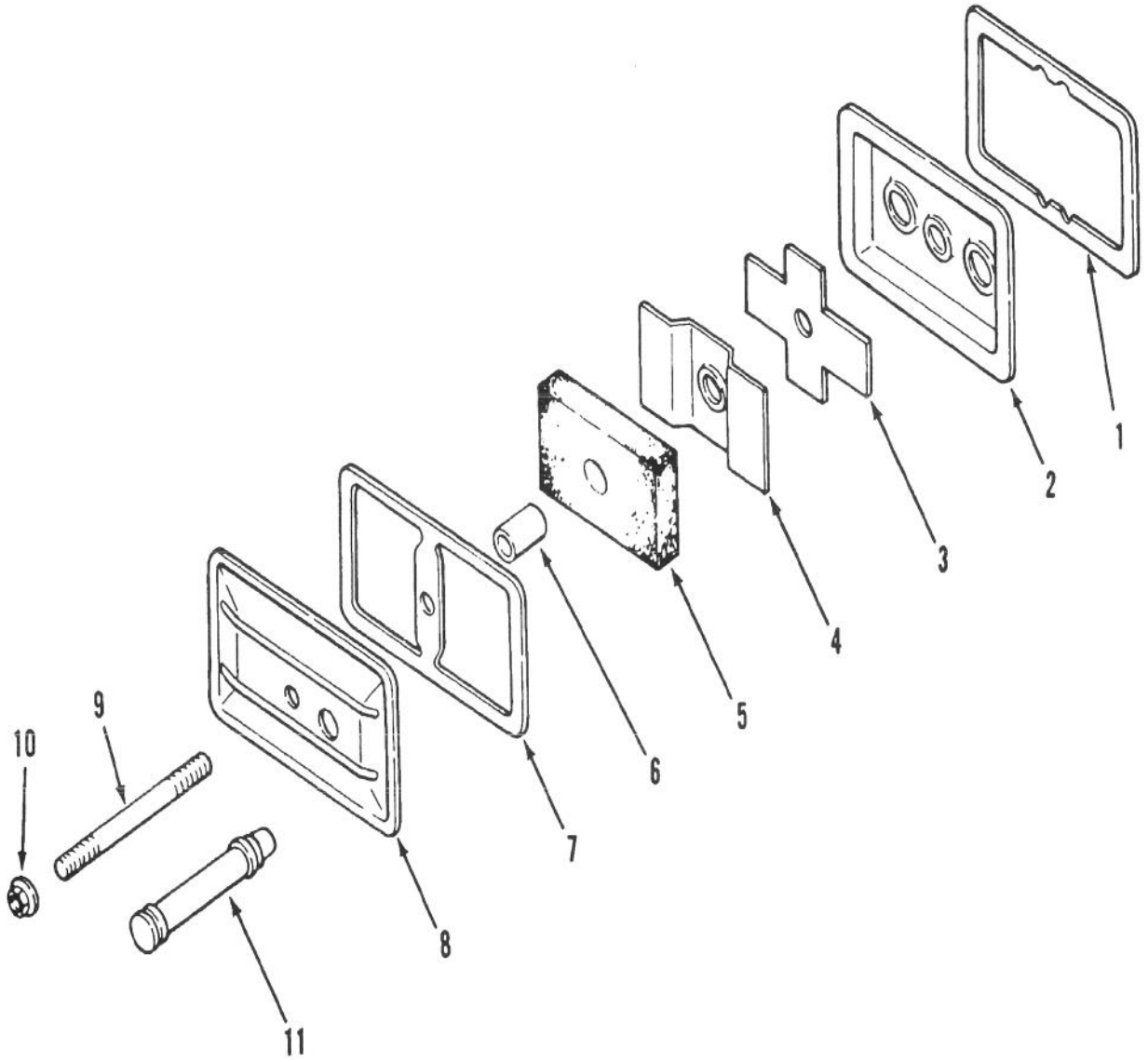


KOHLER BAFFLES AND SHROUDS

Ref. No.	Part No.	Description	No. Used
1	KH10281	Baffle – Head 310	1
	KH10231	Baffle – Head 312	1
2	KH10567	Washer 1/4	1
3	KH10289	Screw – Pozidriv T.H. 1/4–20 x 5/8	3
4	KH10413	Screw – Hex .Hd.	6
5	KH10282	Baffle – Cylinder	1
6	KH10280	Baffle – Inner	1
7	KH10265	Housing – Blower	1
9	KH10279	Baffle – Side Air	1
*		Decal – HP	1

*Not Illustrated

KOHLER BREATHER AND VENT

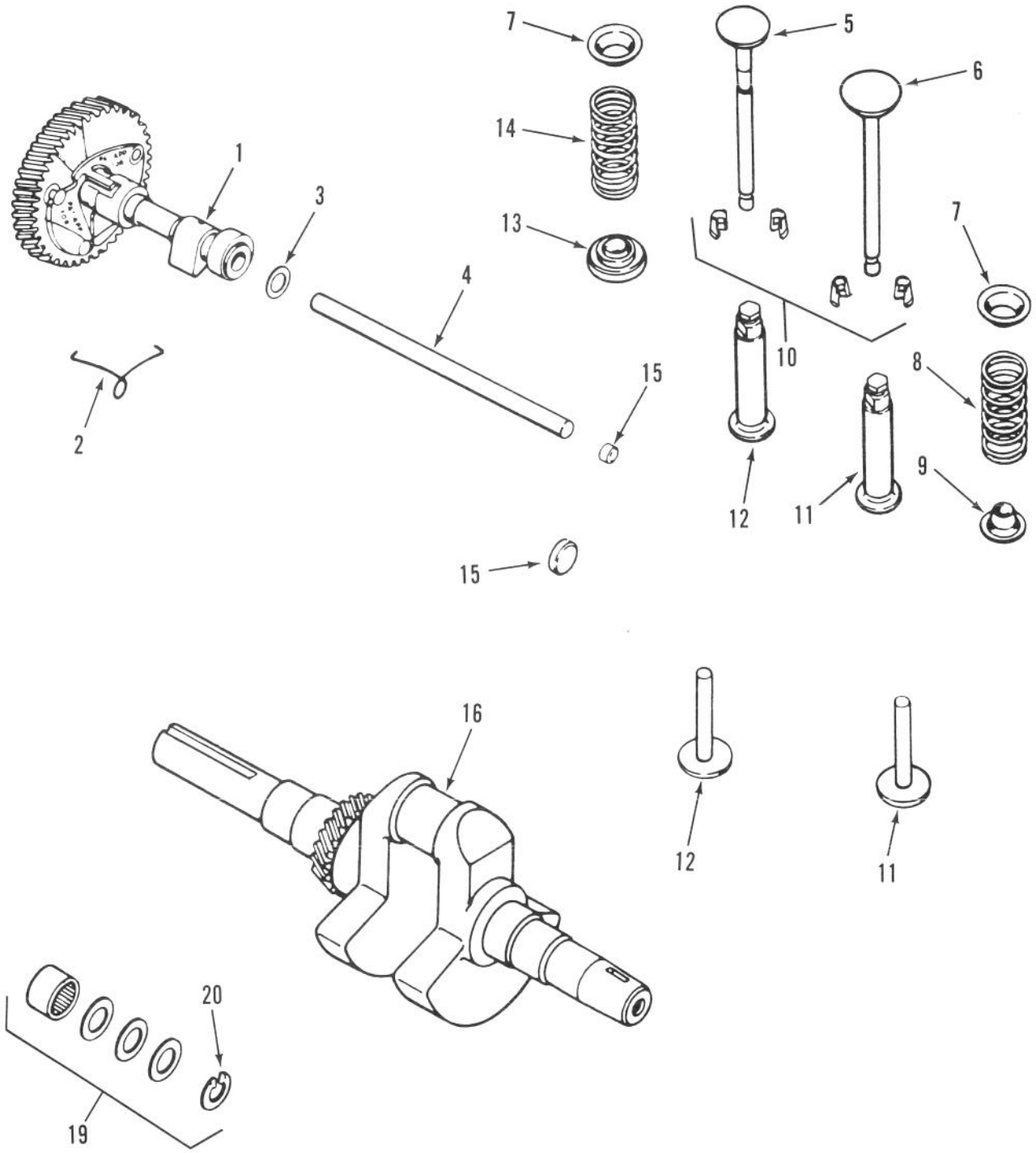


KOHLER BREATHER AND VENT

Ref. No.	Part No.	Description	No. Used
1	KH10058	Gasket	1
2	KH10072	Plate	1
3	KH10057	Reed	1
4	KH10143	Baffle	1
5	KH10275	Filter	1
6	KH10034	Seal	1
7	KH10149	Gasket	1
8	KH10298	Cover	1
9	KH10150	Stud 1/4–20 x 3–1/4	1
10	KH10629	Palnut 1/4–20	1
11	KH10309	Hose 3–11/32	1

*Not Illustrated

KOHLER CAMSHAFT, CRANKSHAFT AND VALVES

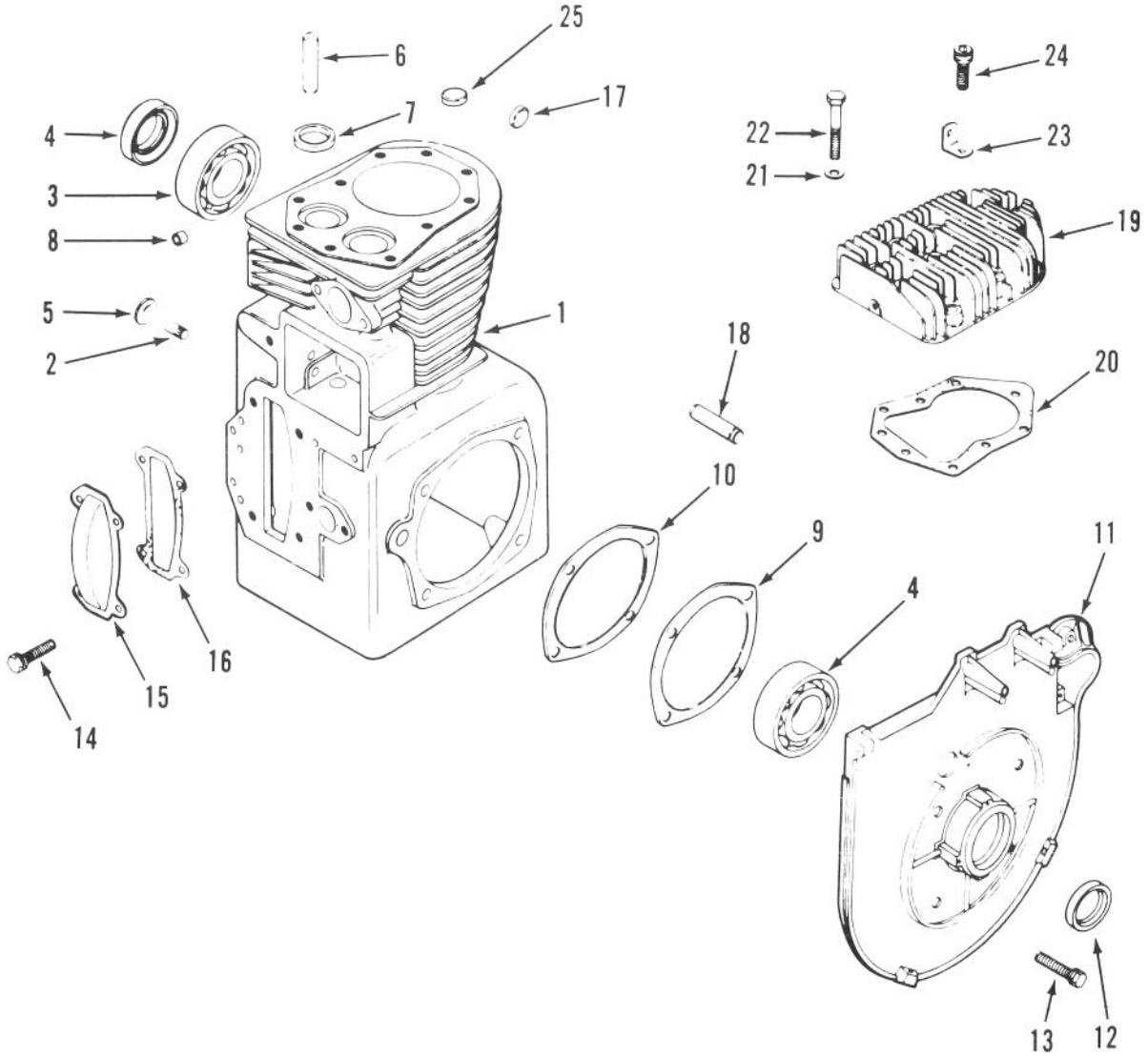


KOHLER CAMSHAFT, CRANKSHAFT AND VALVES

Ref. No.	Part No.	Description	No. Used
1	KH10259	Camshaft Assy (Includes Item 2)	1
2	KH10292	Spring	1
3	KH10147	Spacer .005	1
*	KH10148	Spacer .010	1
4	KH10310	Pin – Camshaft	1
5	KH10074	Valve – Exhaust 310, 31S	1
6	KH10052	Valve – Intake 310, 312	1
7	KH10054	Retainer – Upper Spring	2
8	KH10053	Spring – Intake Valve 312	1
*	KH10062	Spring – Intake Valve 310	1
9	KH10018	Retainer – Spring 310, 312	1
10	KH10221	Kit – Retainer	2
11	KH10539	Tappet – Intake Valve	1
12	KH10539	Tappet – Exhaust Valve	1
13	KH10496	Rotator – Valve	2
14	KH10053	Spring 310	1
	KH10062	Spring 312	1
15	KH10617	Plug – Cup 1/2 O.D.	1
16	KH10305	Kit – Crankshaft 3–25/32 x 1–1/8 (Includes Flywheel Hdwr.) 310	1
*	KH10655	Kit – Crankshaft 3–25/32 x 1–1/8 (Includes Flywheel Hdwr.) 312	1
19	KH10322	Kit – Spacer (Includes Item 20) 312	2
20	KH10574	Retainer 312	1

*Not Illustrated

KOHLER CRANKCASE AND CYLINDER HEAD

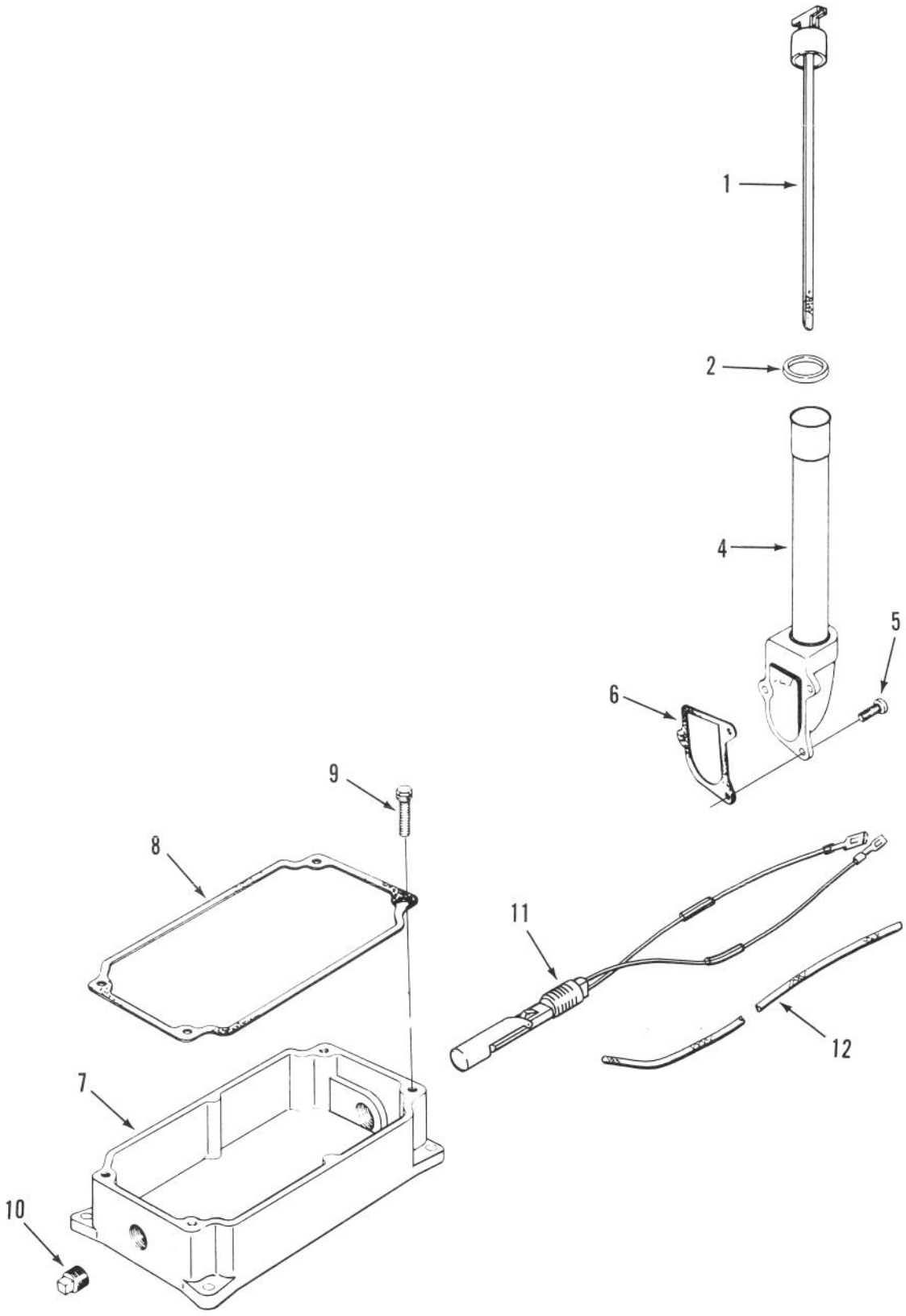


KOHLER CRANKCASE AND CYLINDER HEAD

Ref. No.	Part No.	Description	No. Used
1		Block – Cylinder Service With Short Block (Includes Crankshaft)	
	KH10316	310	1
	KH10691	312	1
		Miniblock (Less Crankshaft)	
	KH10326	310	1
	KH10721	312	1
2	KH10061	Shaft – Governor Gear 312	1
3	KH10067	Ball Bearing	2
4	KH10269	Seal	1
5	KH10562	Plug (310, 312)	1
6	KH10015	Guide – Valve	2
7	KH10028	Insert – Exhaust Valve	1
8	KH10049	Bearing – Governor Cross Shaft	1
9	KH10272	Gasket	1
10	KH10311	Gasket	1
11	KH10687	Plate – Bearing	1
12	KH10268	Seal	1
13	KH10549	Screw 3/8–16 x 1	4
14	KH10545	Screw 1/4–20 x 1/2	4
15	KH10661	Cover	1
16	KH10055	Gasket	1
17	KH10615	Plug 5/16 O.D. 310 (310 only)	1
18	KH10081	Shaft – Balance Gear 312	1
19	KH10261	Head – Cylinder 312	1
	KH10260	Head – Cylinder 310	1
20	KH10700	Gasket	1
21	KH10145	Washer 3/8	9
22	KH10144	Screw 3/8–16 x 1–1/2	8
23	KH10312	Strap – Lifting	1
24	KH10290	Screw 3/8–16 x 1	1
25		Cup – Plug (310 only)	2

*Not Illustrated

KOHLER OIL PAN AND DIPSTICK

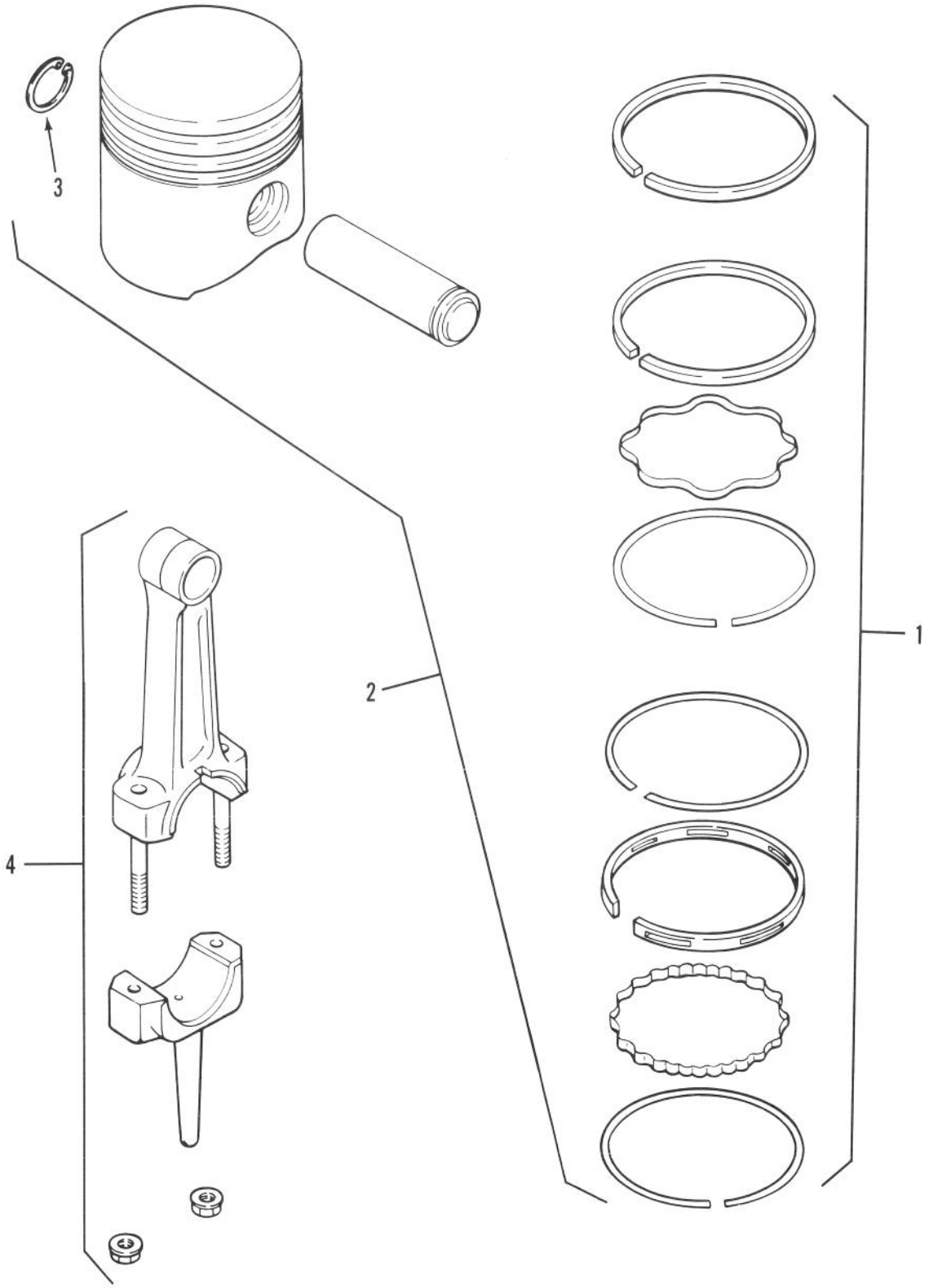


KOHLER OIL PAN AND DIPSTICK

Ref. No.	Part No.	Description	No. Used
1	KH10270	Dipstick 15–5/8	1
2	KH10201	O–Ring	1
4	KH10266	Adapter – Oil Fill	1
5	KH10541	Screw #10–24 x 1/2	3
6	KH10088	Gasket	1
7	KH10248	Pan – Oil	1
8	KH10059	Gasket	1
9	KH10550	Screw 3/8–16 x 1–1/4	4
10	KH10620	Plug 3/8 NPTF	4
11	KH10138	Kit – Float Switch (Includes	
		Items 12 & Decal) 310'S	1
*		Kit – Float Switch (Includes	
		Items 12 & Decal) 312'S	1
12	KH10134	Sleeve	1
*	KH10119	Decal – Float Switch	1
*	KH10345	Connector – Female (5–Contact)	1
*	KH10325	Gasket Set w/Seals 310'S	1
*		Gasket Set w/Seal 312'S	1
*	KH10258	Gasket Set w/o Seals	1

*Not Illustrated

KOHLER PISTON AND RINGS

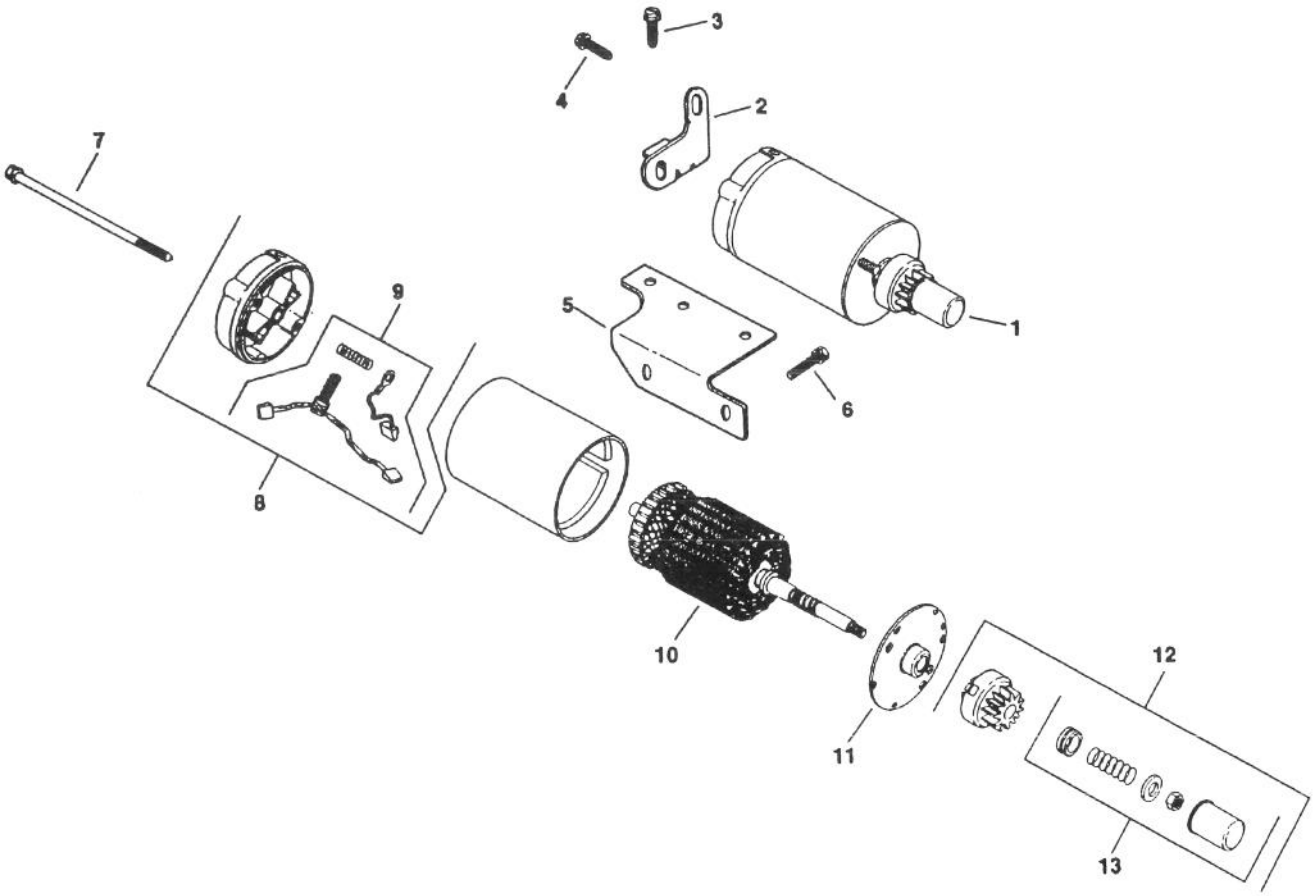


KOHLER PISTON AND RINGS

Ref. No.	Part No.	Description	No. Used
1	KH10063	Set – Ring, Std. & .003 310	1
	KH10064	Set – Ring .010 310	1
	KH10065	Set – Ring .020 310	1
	KH10066	Set – Ring .030 310	1
	KH10703	Set – Ring, Std. & .003 312	1
	KH10704	Set – Ring .010 312	1
	KH10705	Set – Ring .020 312	1
	KH10706	Set – Ring .030 312	1
2	KH10329	Piston w/Ring Set Std. 310	1
	KH10330	Piston w/Ring Set .003 310	1
	KH10331	Piston w/Ring Set .010 310	1
	KH10332	Piston w/Ring Set .020 310	1
	KH10333	Piston w/Ring Set .030 310	1
	KH10711	Piston w/Ring Set Std. 312	1
	KH10712	Piston w/Ring Set .003 312	1
	KH10713	Piston w/Ring Set .010 312	1
	KH10714	Piston w/Ring Set .020 312	1
	KH10715	Piston w/Ring Set .030 312	1
3	KH10262	Retainer – Piston Pin	2
4	KH10285	Rod – Connecting Std. 310	1
	KH10286	Rod – Connecting .010 310	1
	KH10698	Rod – Connecting Std. 312	1
	KH10699	Rod – Connecting .010 312	1

*Not Illustrated

KOHLER STARTER

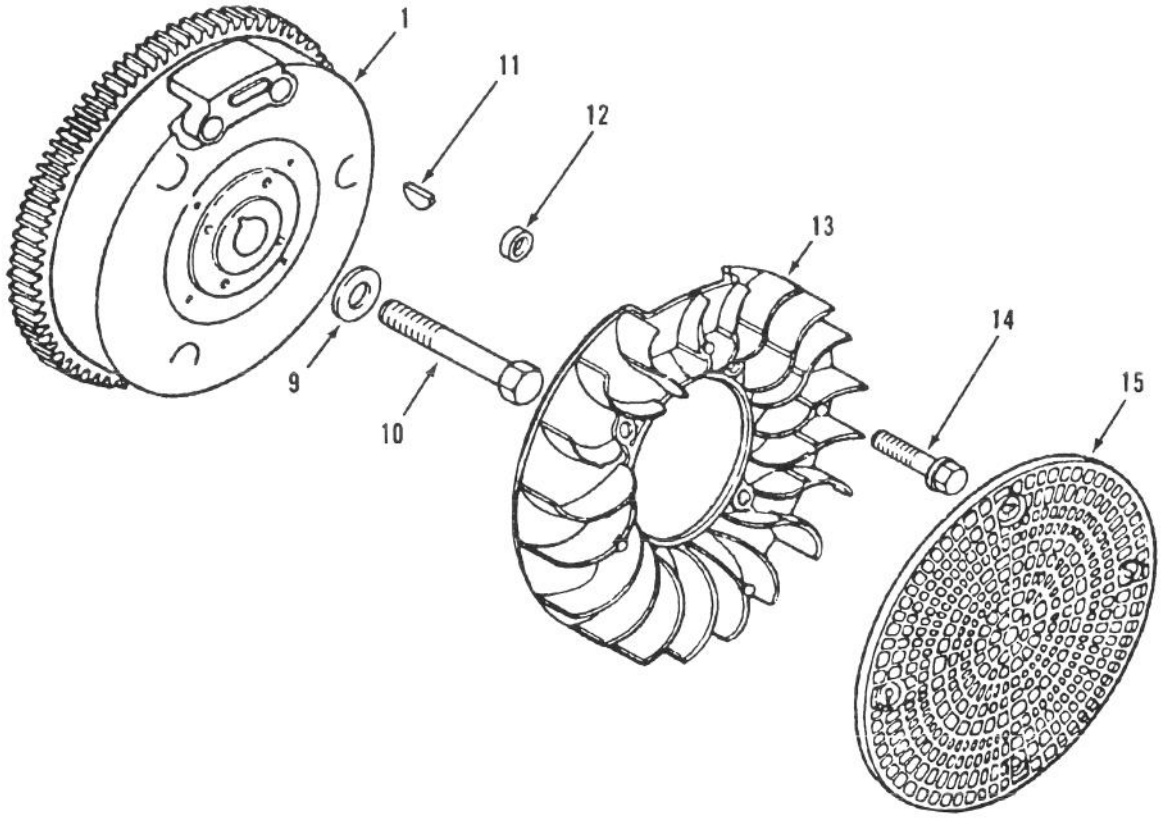


KOHLER STARTER

Ref. No.	Part No.	Description	No. Used
1	KH10187	Starter Assembly (Includes Items 9 thru 15)	1
2	KH10244	Brace – Starter Tail	1
3	KH10607	Screw – Hex. Hd. 1/4–20 x 3/4	1
4	KH10610	Screw – Hex. Hd. 1/4–20 x 3/8	1
5	KH10304	Bracket – Starter	1
6	KH10549	Screw 3/8–16 x 1	2
7	KH10181	Bolt 1/4–20 x 5–1/16	2
8	KH10210	End Cap Assembly – Commutator (Includes Item 9)	1
9	KH10515	Kit – Brush	1
10	KH10247	Armature	1
11	KH10209	Cap – Drive End	1
12	KH10323	Kit – Drive (Includes Item 15)	1
13	KH10324	Kit – Drive Parts	1
*	KH10135	Tag – Caution	1
*	KH10304	Bracket – Solenoid	1
*	KH10549	Screw 3/8–16 x 1	1

*Not Illustrated

KOHLER FLYWHEEL

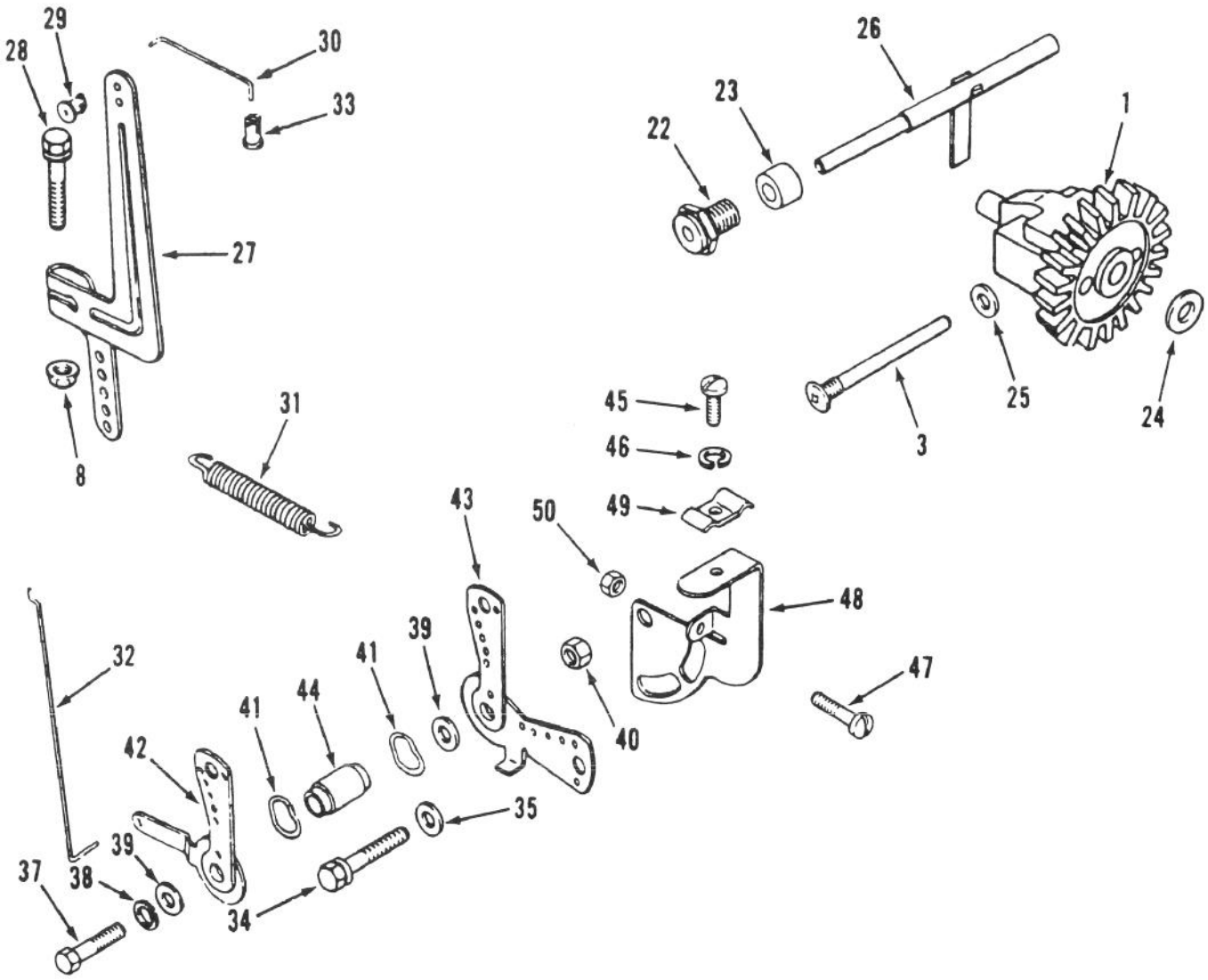


KOHLER FLYWHEEL

Ref. No.	Part No.	Description	No. Used
1	KH10263	Flywheel	1
9	KH10666	Washer 13/32 I.D., 1–3/8 O.D.	1
10	KH10108	Screw 3/8–24 x 1–1/8	1
11	KH10588	Key – Woodruff 3/16 x 1	1
12	KH10112	Spacer 17/64 I.D., 3/8 O.D. 15/64 Lg	4
13	KH10124	Fan	1
14	KH10107	Screw – Hex. Hd. 1/4–20 x 5/8	4
15	KH10126	Screen	1

*Not Illustrated

KOHLER GOVERNOR LINKAGE

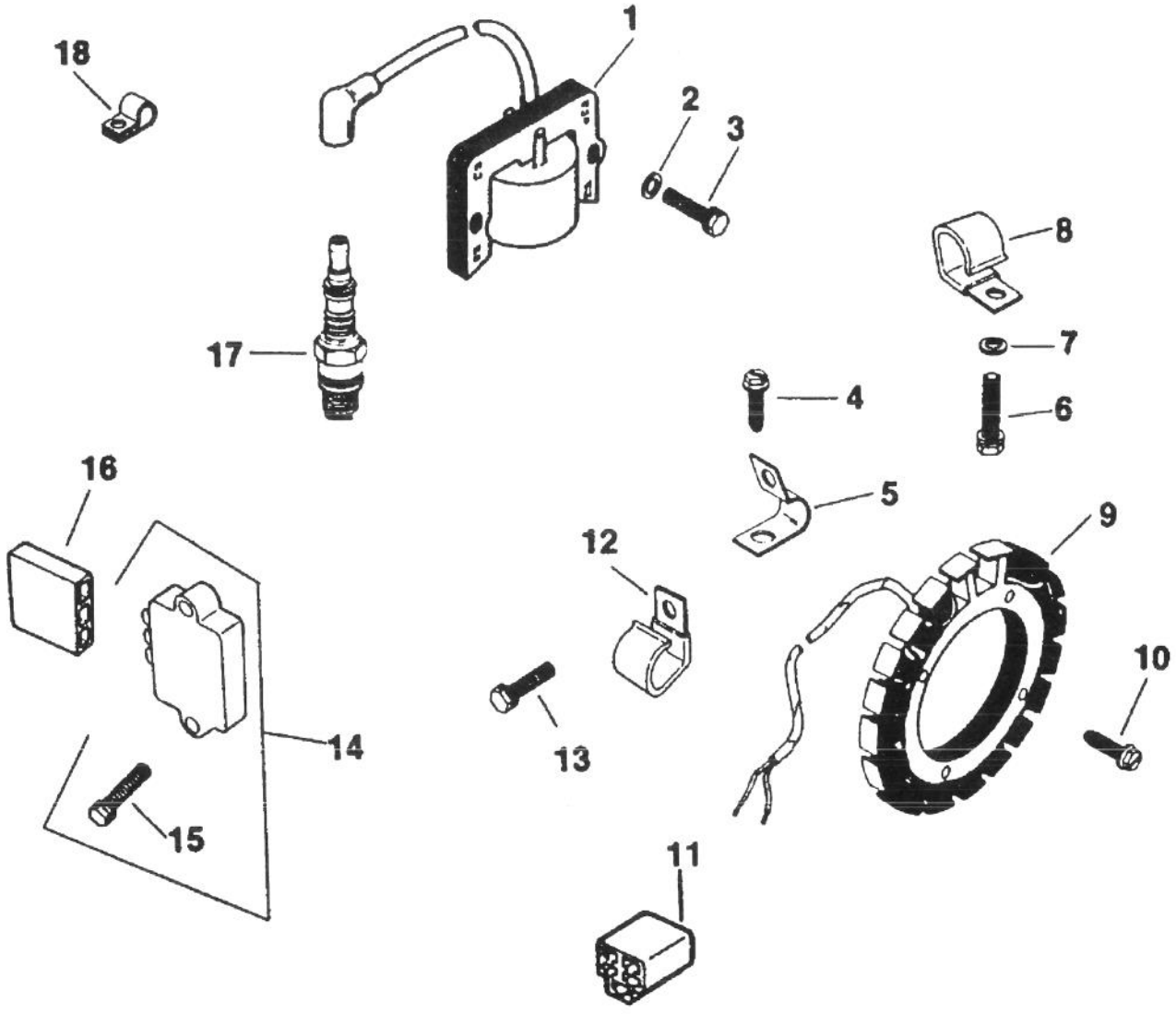


KOHLER GOVERNOR LINKAGE

Ref. No.	Part No.	Description	No. Used
1	KH10660	Kit – Governor Gear (Includes 24)	1
3	KH10035	Pin – Governor Stop	1
8	KH10629	Nut – Pal 1/4–20	1
22	KH10070	Bushing	1
23	KH10585	Spacer	1
24	KH10087	Washer	1
25	KH10136	Washer	1
26	KH10538	Kit – Governor Cross Shaft	1
27	KH10295	Lever – Governor	1
28	KH10626	Screw 1/4–20 x 1/2	1
29	KH10668	Bushing	1
30	47 079 10	Linkage (Governor to Carb.)	1
31	KH10296	Spring (Governor to Carb.)	1
32	KH10287	Linkage – Choke (Carb. to Choke Shaft)	1
33	KH10686	Bushing	1
34	KH10545	Screw 1/4–20 x 1/2	1
35	KH10570	Washer 1/4	1
37	KH10600	Screw 1/4–20 x 1–1/2*	1
38	KH10556	Washer – Lock 1/4*	1
39	KH10569	Washer 1/4*	1
40	KH10624	Nut 1/4–20*	1
41	KH10152	Washer*	2
42	KH10293	Lever – Choke Control*	1
43	KH10294	Lever – Throttle Control*	1
44	KH10302	Spacer 23/64 O.D., 13/16*	1
45	KH10605	Screw #10–24 x 1	1
46	KH10695	Washer	1
47	KH10040	Screw	1
48	KH10303	Bracket – Clutch Control	1
49	KH10308	Clamp	1
50	KH10619	Nut #8–32	1
*	KH10291	Choke Lever Assembly (Includes Items 37 thru 44)	1

*Not Illustrated

KOHLER IGNITION SYSTEM

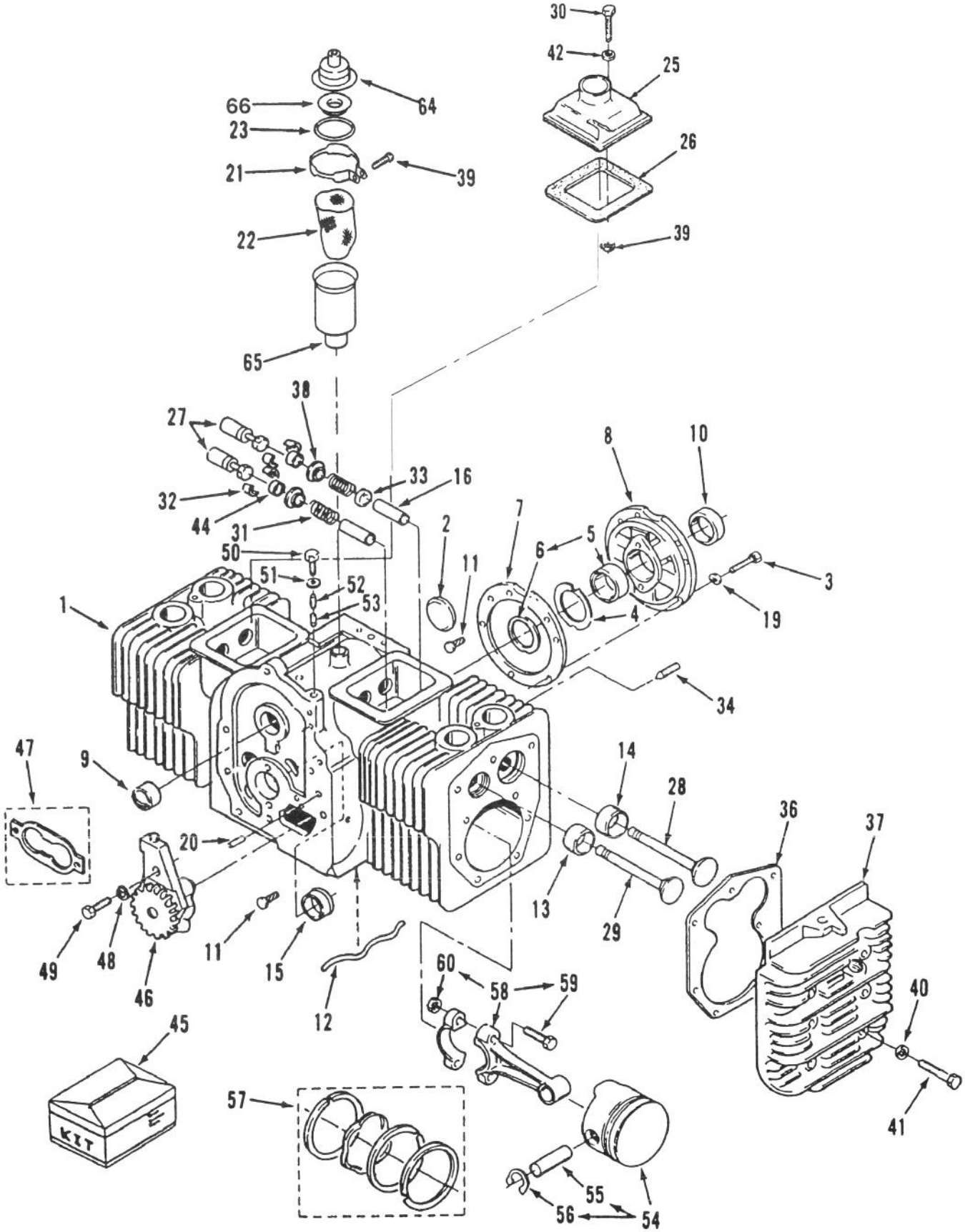


KOHLER IGNITION SYSTEM

Ref. No.	Part No.	Description	No. Used
1	KH10321	Module – Ignition	1
2	KH10572	Washer #10	2
3	KH10548	Screw #10–24 x 7/8	2
4	KH10606	Screw – Hex. Hd. #8–32 x 3/8	1
5	KH10618	Clip	1
6	KH10610	Screw 1/4–20 x 7/16	1
7	KH10570	Washer – Flat 1/4	1
8		Clip	1
9	KH10091	Kit – Stator 15 amp (Includes Item #8)	1
10	KH10605	Screw – Pozidrive #10–24 x 3/4	4
11	KH10345	Connector	1
12		Clip	1
13		Screw 1/4–20 x 1/2	1
14	KH10215	Regulator – Rectifier	2
15	KH10543	Screw 1/4–20 x 1	2
16	KH10082	Connector	1
17	KH10056	Plug – Spark	1
18	KH10010	Clip – Hi–Tension	1
*	KH10315	Lead – White w/Diode, Svc. Replacement Lead For Leads w/Diode (5") All Before Serial #1715900013	1
*	KH10314	Lead – White, Module to Connector (15") After Serial #1715900003	1
*	KH10313	Lead – Violet, Regulator–Rectifier to Connector (23")	1
*	KH10570	Washer 1/4	1
*	KH10344	Clip	1

*Not Illustrated

ENGINE POWER PLUS CYLINDER BLOCK



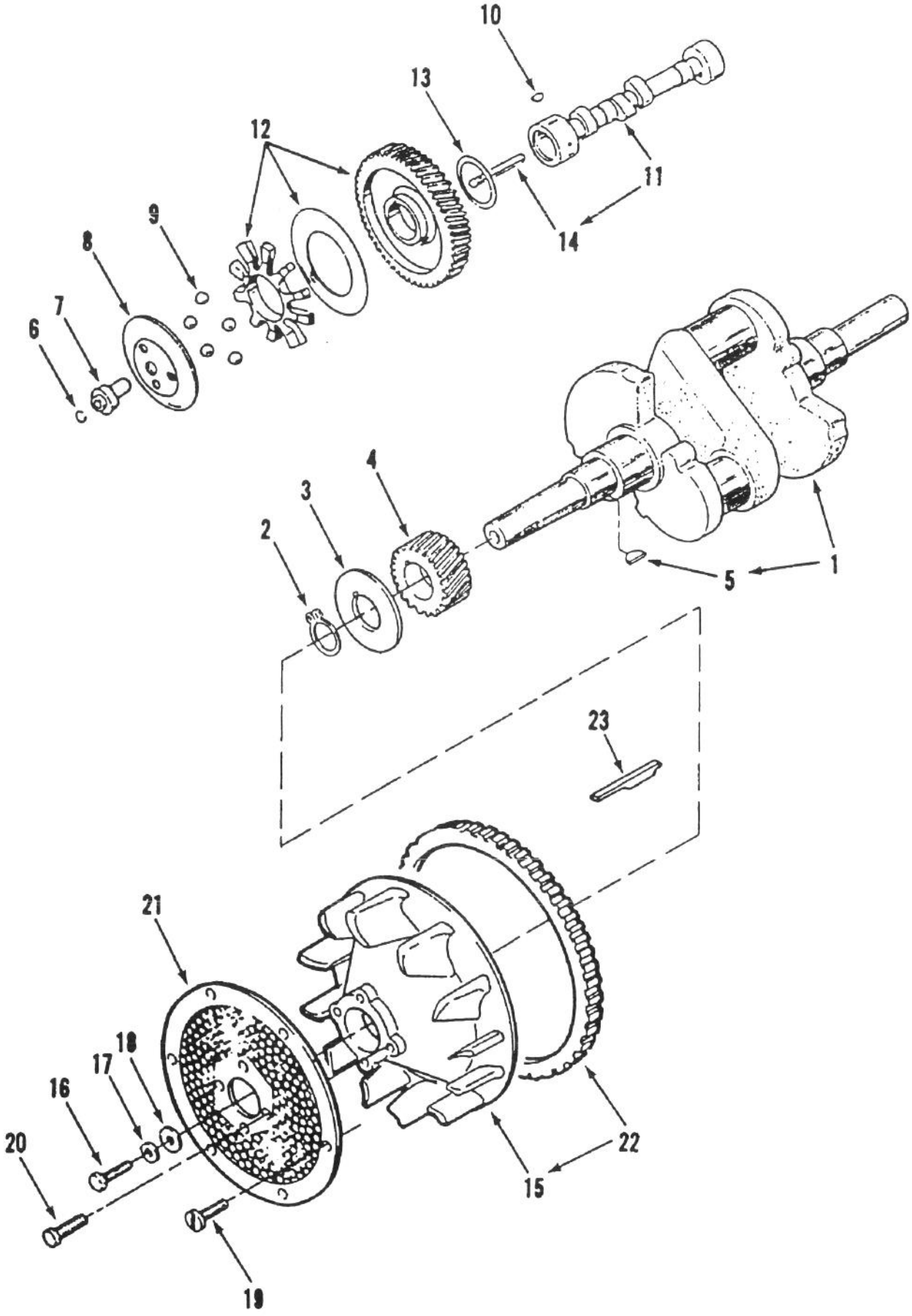
ENGINE POWER PLUS CYLINDER BLOCK

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

Ref. No.	Part No.	Description	No. Used
25	NN10821	Cover – Valve	2
26	57–8280	Gasket	2
27	NN10129	Tappet – Standard	4
	NN10130	Tappet .002" Oversize	4
	NN10131	Tappet .004" Oversize	4
28	NN10075	Valve – Intake	2
29	NN10075	Valve – Exhaust	2
30	NN10370	Bolt 1/4–20 x 1–3/4	2
31	NN10077	Spring	4
32	NN10082	Lock – Spring	8
33	NN10326	Seal	2
34	NN10385	Screw 3/8–16 x 5/8	2
36	NN10070	Gasket	2
37	NN10080	Head – Right Cylinder	1
	NN10079	Head – Left Cylinder	1
38	NN10078	Washer	4
39	82–1480	Screw #8 x 3/4	1
40	57–9770	Washer – Flat 1/4	18
41	NN10381	Bolt – Special 2" Long	10
42	NN10359	Washer 1/4	2
44	71–5830	Cap – Valve	4
45	71–6290	Kit – Engine Gasket Valve Grind/Carbon Removal	1
46	NN10136	Pump – Oil, Complete	1
47	NN10134	Pump – Oil, Gasket Kit	1
48	82–1340	Washer – Flat	2
49	87–1370	Bolt 1/4–20 x 1	2
50	59–0910	Bolt 3/8–24 x 7/8	1
51	NN10361	Washer 3/8	1
52	NN10133	Spring	1
53	NN10135	Plunger	1
54	92–0901	Piston Pin & Retaining Rings STD	2
*	92–0902	Piston Pin & Retaining Rings .010"	2
*	92–0903	Piston Pin & Retaining Rings .020"	2
*	92–0904	Piston Pin & Retaining Rings .030"	2
55	NN10100	Piston Pin	2
56	NN10345	Retaining Ring	4
57	92–0905	Set – Piston Ring, Standard	2
	92–0906	Set – Piston Ring .005" Oversize	2
	92–0907	Set – Piston Ring .010" Oversize	2
	92–0908	Set – Piston Ring .020" Oversize	2
	92–0909	Set – Piston Ring .030" Oversize	2
58	NN10125	Rod w/Bolts & Nuts – STD	2
	NN10126	Rod w/Bolts & Nuts – .010"	2
	NN10127	Rod w/Bolts & Nuts – .020"	2
	NN10128	Rod w/Bolts & Nuts – .030"	2
59	NN10120	Bolt – Special Rod	4
60	NN10428	Nut	4
64	82–0550	Breather Cap & Valve	1
65	82–0540	Tube – Baffle Breather	1
66	82–0560	Screen	2

*Not Illustrated

CRANKSHAFT, CAMSHAFT, FLYWHEEL POWER PLUS

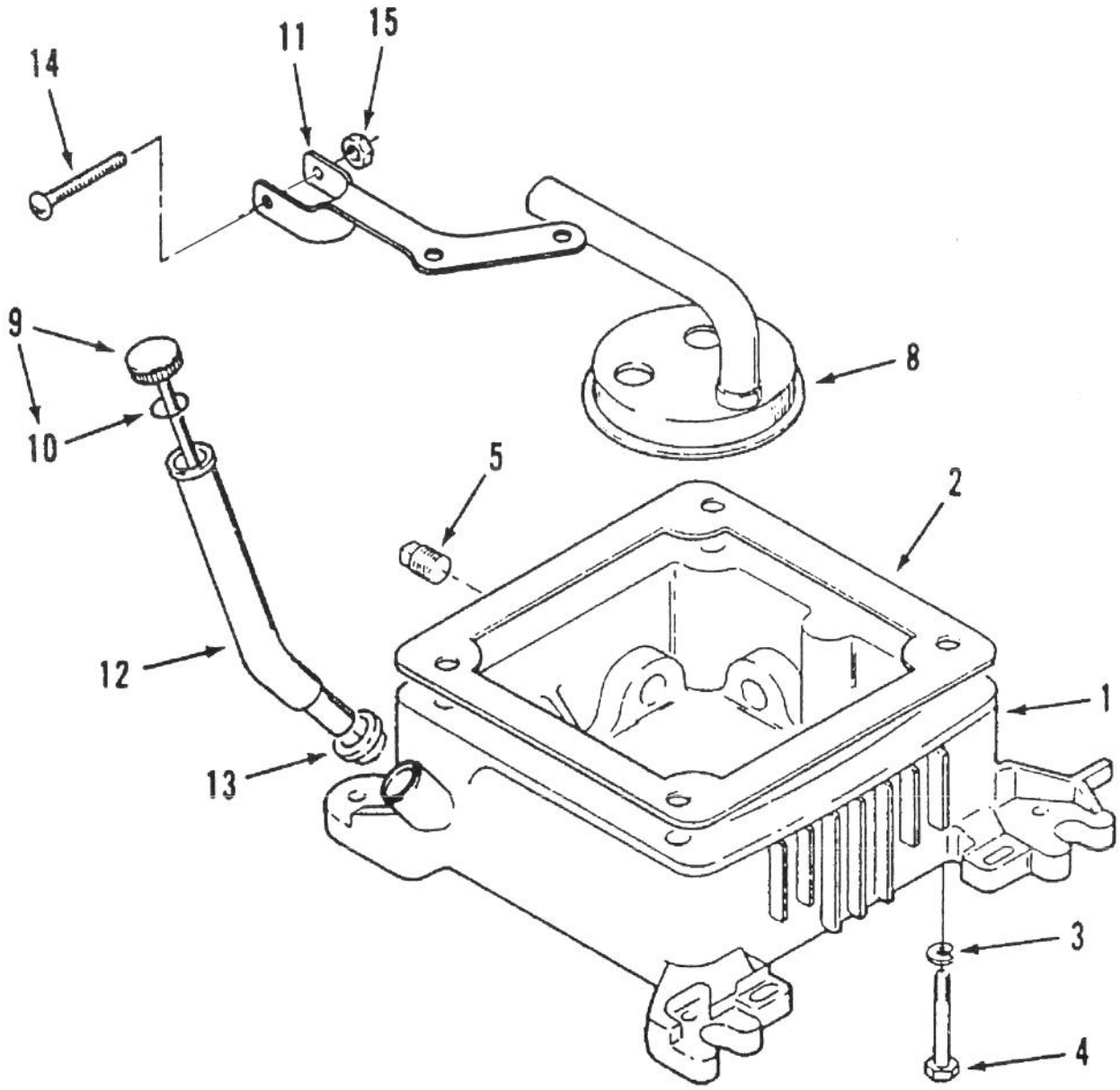


CRANKSHAFT, CAMSHAFT, FLYWHEEL POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10853	Crankshaft	1
2	57–9710	Ring – Retaining	1
3	NN10439	Washer	1
4	NN10438	Gear	1
5	NN10330	Key	1
6	NN10215	Ring – Retaining	1
7	NN10221	Hub – Governor Cup	1
8	NN10222	Cup – Governor	1
9	57–9640	Ball	1
10	57–9660	Key	1
11	NN10032	Camshaft (Includes Item 13)	1
12	57–8210	Camshaft Gear (Includes Gear, Spacer, & Plate)	1
13	NN10030	Washer	1
14	NN10214	Pin	1
15	NN10171	Flywheel (Includes Ring Gear)	1
16	NN10021	Screw	1
17	82–1320	Washer 7/16	1
18	NN10355	Washer 7/16	1
19	NN10409	Screw #10–24 x 3/8	6
20	82–1400	Screw 5/16–18 x 1/2	4
21	79–6440	Screen	1
22	57–8180	Gear – Ring	1
23	82–1150	Key	1

*Not Illustrated

OIL BASE FILL TUBE AND BRACKET POWER PLUS

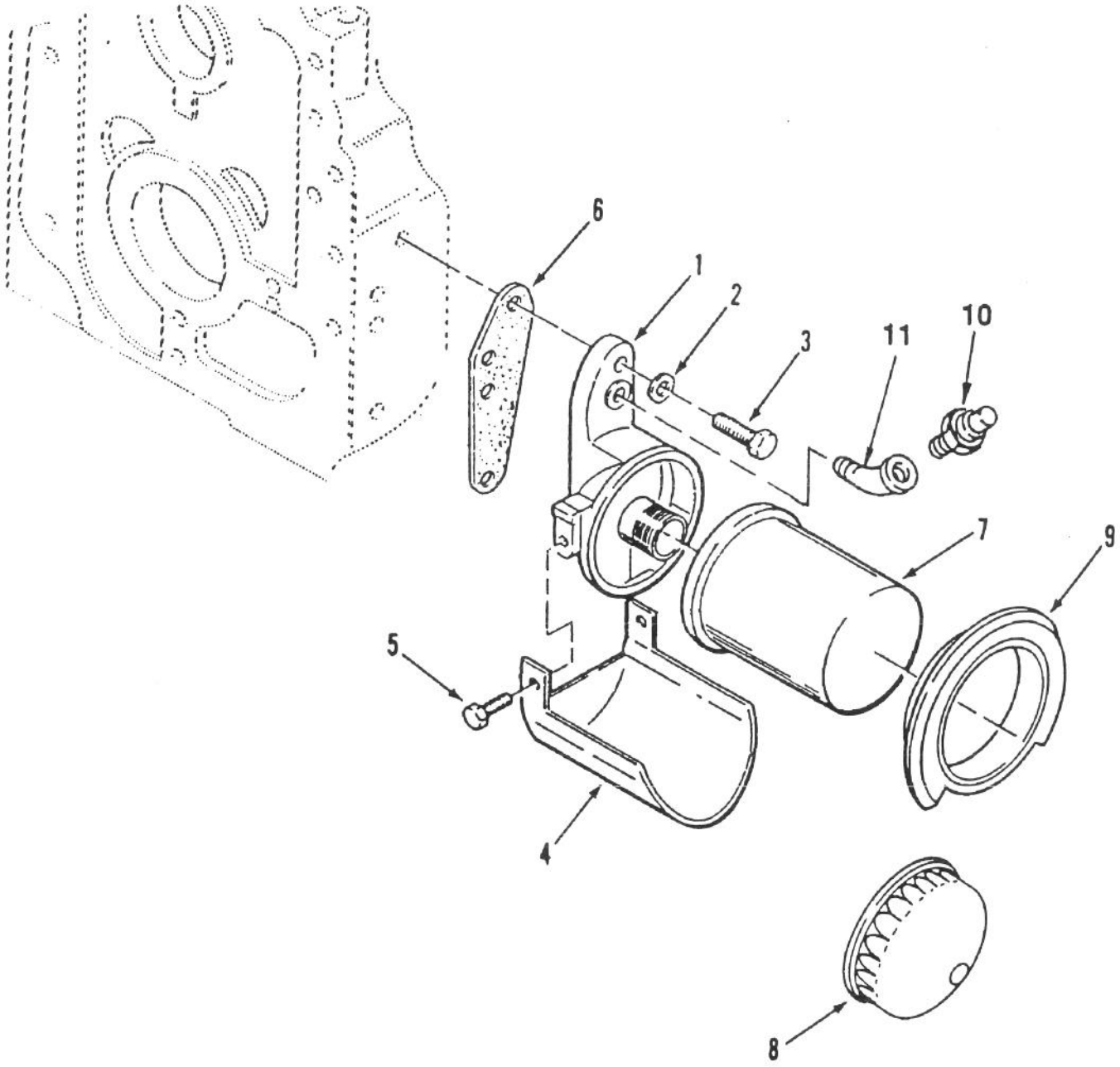


OIL BASE FILL TUBE AND BRACKET POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10018	Base – Oil (Includes All Plugs & Plug Gasket)	1
2	57–8090	Gasket	1
3	82–1310	Washer – Lock 3/8	4
4	NN10379	Screw 3/8–16 x 3–3/4	4
5	82–1130	Plug – Sq Hd 3/8	2
8	NN10138	Cup – Oil Pump Intake	1
9	NN10159	Cap – Oil Fill & Indicator (Includes O–Ring)	1
10	NN10323	Ring – Oil	1
11	79–6460	Bracket	1
12	NN10854	Tube – Oil Fill, Chrome 15–3/4" Lg	1
13	NN10690	Seal	1
14	82–1560	Screw #10 x 1–1/4	1
15	82–1700	Nut – Speed	1

*Not Illustrated

OIL FILTER POWER PLUS

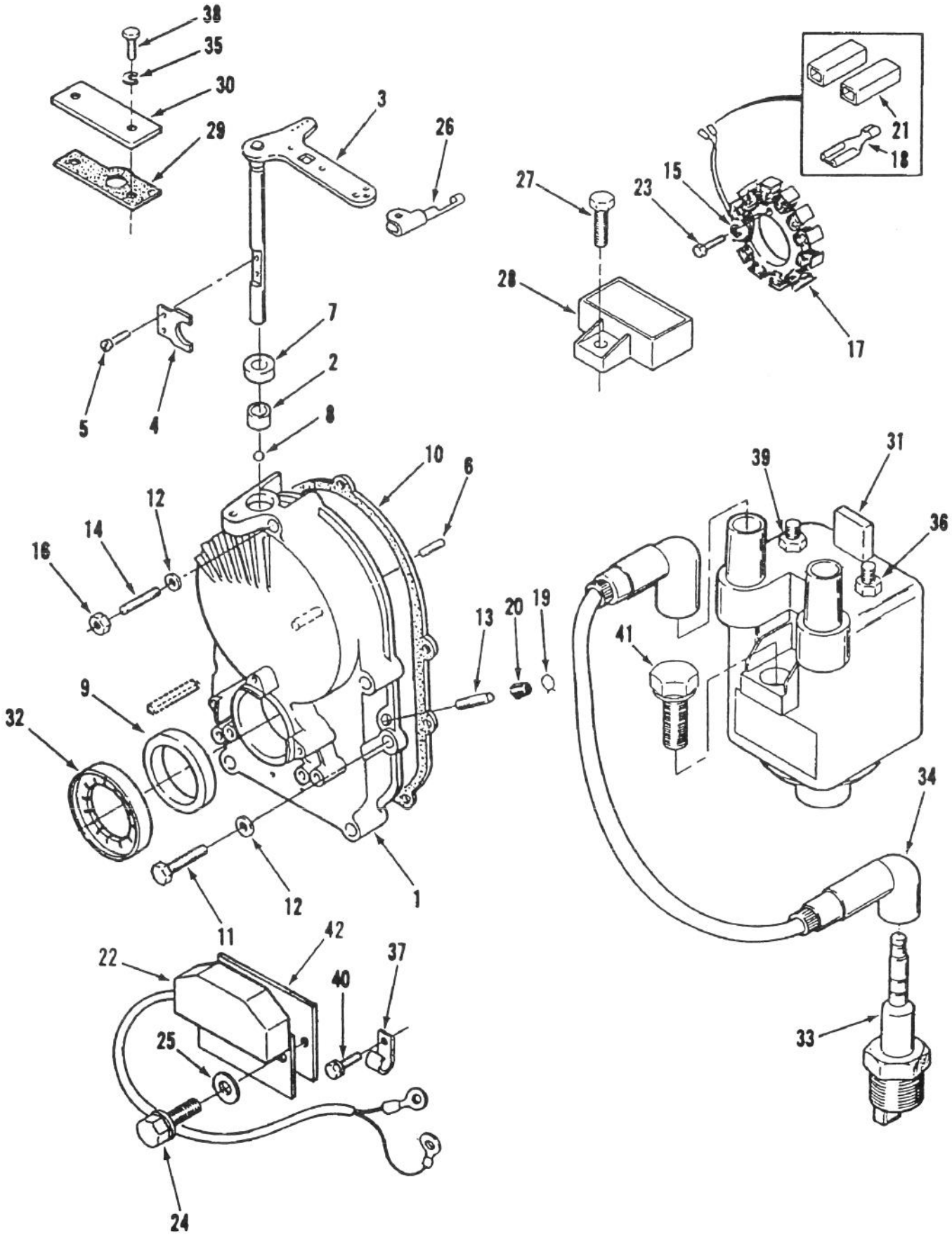


OIL FILTER POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	82–0500	Adapter – Oil Filter	1
2	57–9750	Washer 5/16	2
3	NN10373	Screw 5/16–18 x 1	2
4	NN10894	Drain – Oil Filter	1
5	82–1510	Screw #10–32 x 3/8	2
6	79–6470	Gasket	1
7	NN10143	Filter – Oil	1
8	NN10465	Wrench	1
9	82–0680	Gasket	1
10	NN10824	Switch – Oil Pressure	1
11	92–0912	Elbow 45°	1

*Not Illustrated

GEARCASE AND IGNITION CONTROLS POWER PLUS

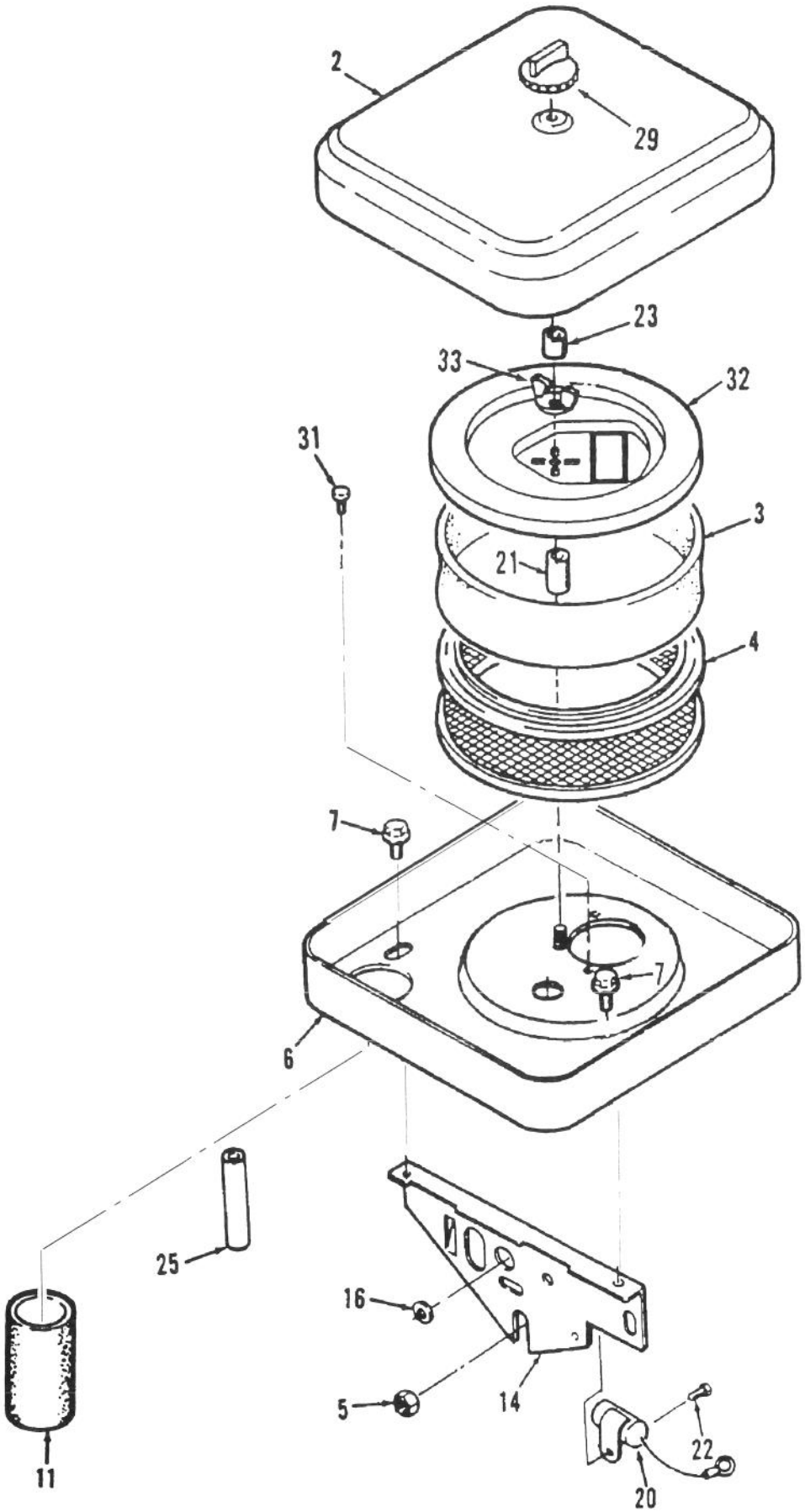


GEARCASE AND IGNITION CONTROLS POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10825	Kit – Gearcase (Incl. Ref.# 2–9, 13, 19, & 20)	1
2	57–9650	Bearing	1
3	NN10826	Governor Shaft & Arm–Chromed	1
4	59–0420	Yoke	1
5	59–0950	Screw #8–32 x 3/8	1
6	NN10335	Pin – Dowel	1
7	57–9570	Seal – Oil	1
8	NN10327	Bearing	1
9	57–9580	Seal – Oil	1
10	NN10895	Gasket	1
11	82–1410	Screw 5/16–18 1–3/4	4
12	57–9750	Washer 5/16	5
13	59–0360	Tube – Vacuum Port	1
14	NN10352	Stud – Gear Cover	1
15	3253–2	Washer – Lock #10	3
16	NN10426	Nut 5/6–18	1
17	NN10518	Stator w/Terminals	1
18	NN10290	Terminal – Stator Leads	3
19	57–9550	Clamp	1
20	59–0370	Cap	1
21	82–1000	Kit – Terminal Connector Body	1
22	NN10444	Control – Ignition	1
23	82–1500	Screw – Hex. Hd. #10–32 x 1	3
24	NN10394	Screw – Hex. Hd. #10–32 x 3/8	2
25	82–1660	Washer – Lock IT #10	2
26	57–9730	Clip – Retaining	1
27	NN10414	Screw – Hex. Hd. 1/4–20 x 5/16	1
28	NN10261	Regulator – Voltage 20 amp	1
29	79–6490	Gasket – Plate	1
30	NN10515	Cover – Ignition Plunger	1
31	NN10245	Battery Ignition Coil – w/Nuts	1
32	NN10247	Rotor – Ignition	1
33	57–9340	Plug – Spark	2
34	82–1340	Cable – Spark Plug 18" Long	1
35	82–1340	Washer – Flat (M6)	2
36	NN10248	Nut	1
37	NN10348	Clip – Wire	1
38	82–1360	Screw – Hex. Hd. 1/4–20 x 5/8	1
39	NN10249	Nut	1
40	82–1410	Screw – Hex. Hd. 5/16–18 x 1.75	1
41	NN10408	Screw – Hex. Hd. 1/4–20 x 1	2
42	NN10516	Indicator – Ignition Module	1

*Not Illustrated

AIR CLEANER POWER PLUS

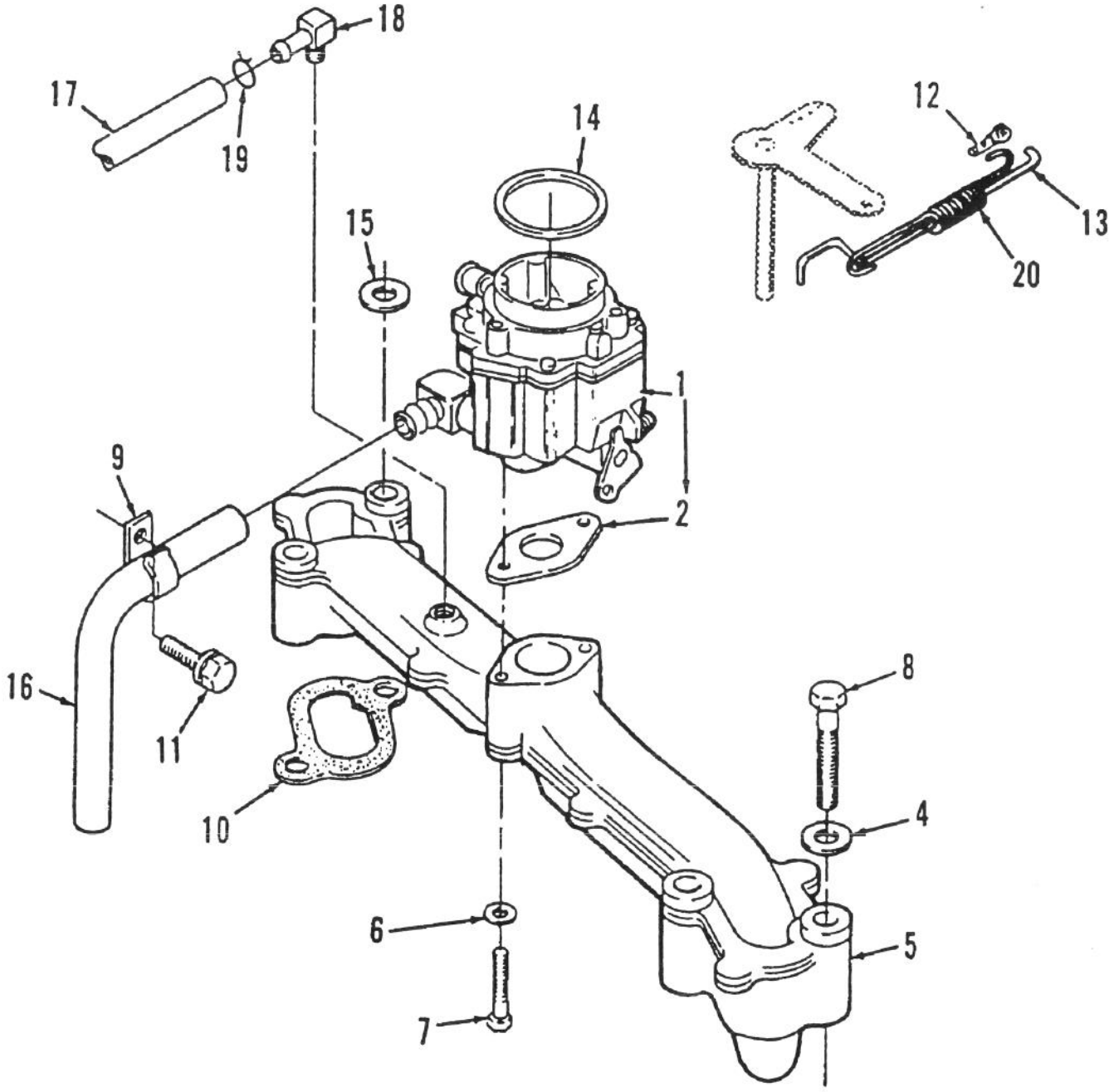


AIR CLEANER POWER PLUS

Ref. No.	Part No.	Description	No. Used
2	79–6320	Cover – Air Cleaner	1
3	NN10176	Element – Foam	1
4	NN10174	Element – Air Cleaner	1
5	82–1690	Nut – Flange 5/16–18	1
6	79–6330	Housing – Air Cleaner	1
7	82–1550	Screw – Hex. Hd. 1/4–20 x 3/8	2
11	NN10187	Tube – Air Intake	1
14	79–6340	Support – Air Cleaner	1
16	NN10309	Grommet – 3/4" Hole	1

Ref. No.	Part No.	Description	No. Used
20	NN0980	Capacitor (300 VD)	1
22	NN10390	Screw – Hex. Hd. #10–32 x 5/8	1
23	79–6520	Spacer	1
25	92–0917	Tube	1
29	79–6350	Knob – Toolless	1
31	92–0915	Screw – 10–32 x 3/8	1
32	92–0914	Cover – Element	1
33	92–0913	Nut – Wing – 1/4–20	1

INTAKE MANIFOLD POWER PLUS

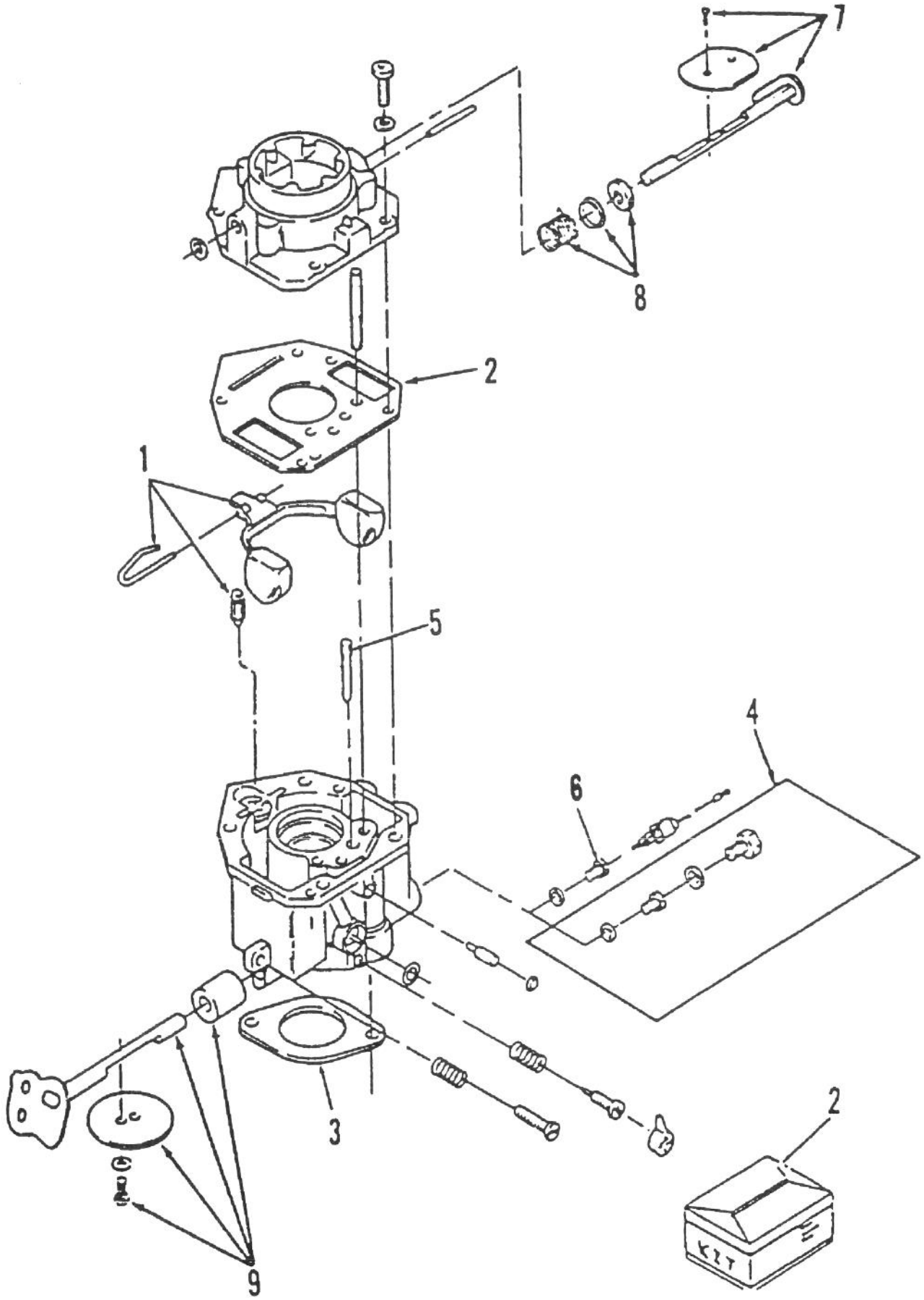


INTAKE MANIFOLD POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10504	Carburetor (Includes Mounting Gasket, Elbow, & O–Ring)	1
2	72–0850	Gasket	1
4	82–1350	Washer – Flat	4
5	92–0918	Manifold – Intake	1
6	82–1410	Washer – Flat	2
7	82–1410	Screw – Hex. Hd. 1/4–20 x 1–3/8	2
8	NN10375	Screw – Hex. Hd. 5/16 x 2	4
9	NN10348	Clip – Fuel Line	1
10	71–5980	Gasket	2
11	82–1450	Screw 1/4–14 x 1/2	2
12	57–9700	Clip – Retaining, Rod to Carburetor	1
13	92–0919	Rod – Governor Control	1
14	57–9620	O–Ring	1
15	NN10362	Washer – Flat 5/16	1
16	NN10858	Hose – Fuel	1
17	82–1120	Hose – Breather	1
18		Fitting	1
19	82–1090	Clamp – Hose	1
20	NN10877	Spring – Governor Rod	1

*Not Illustrated

CARBURETOR COMPONENTS POWER PLUS

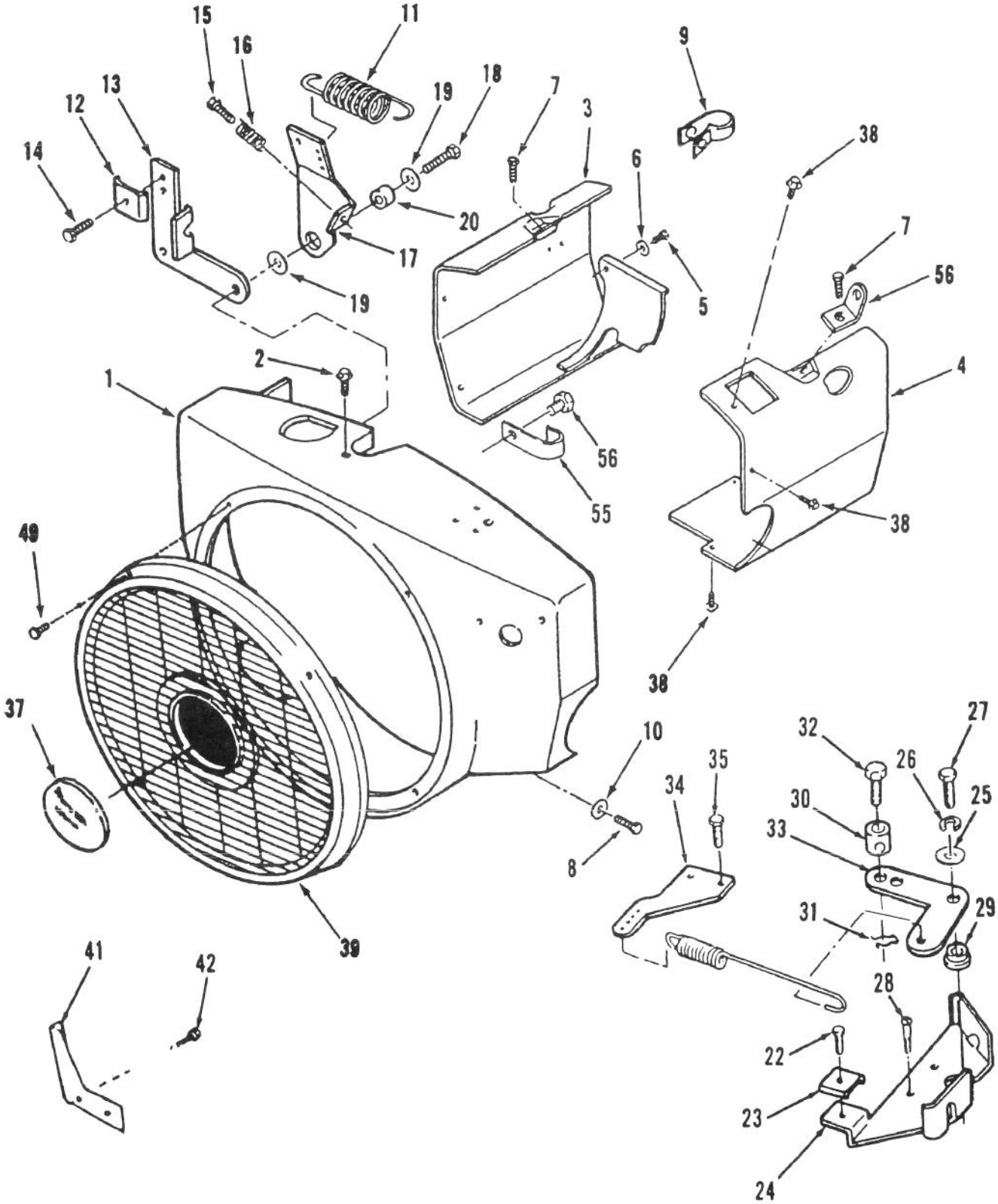


CARBURETOR COMPONENTS POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10209	Kit – Float (Includes Float, Pin, & Valve)	1
2	82–0780	Kit – Repair (Includes Screw & Plug Package, Gasket Package, Float Valve, Idle Adjustment Needle & Spring, Mounting Gaskets, & Idle Limit Cap)	1
3	82–0850	Gasket – Carburetor Mounting Jet (Power–Fixed Optional High Altitude)	1
4	NN10810	Kit – Fixed Jet	1
5	NN10201	Jet – Idle	1
6	NN10199	Jet – Power	1
7	NN10207	Kit – Choke Shaft (Includes Choke Valve, Valve Screw – Set, & Air Filter)	1
8	NN10809	Kit – Choke Lever (Include Choke Lever Ring, Choke Spring, & Choke Collar)	1
9	NN10811	Kit – Throttle Shaft (Includes Valve Screw – Set, Air Filter, & Throttle Valve)	1

*Not Illustrated

BLOWER HOUSING AND GOVERNOR POWER PLUS



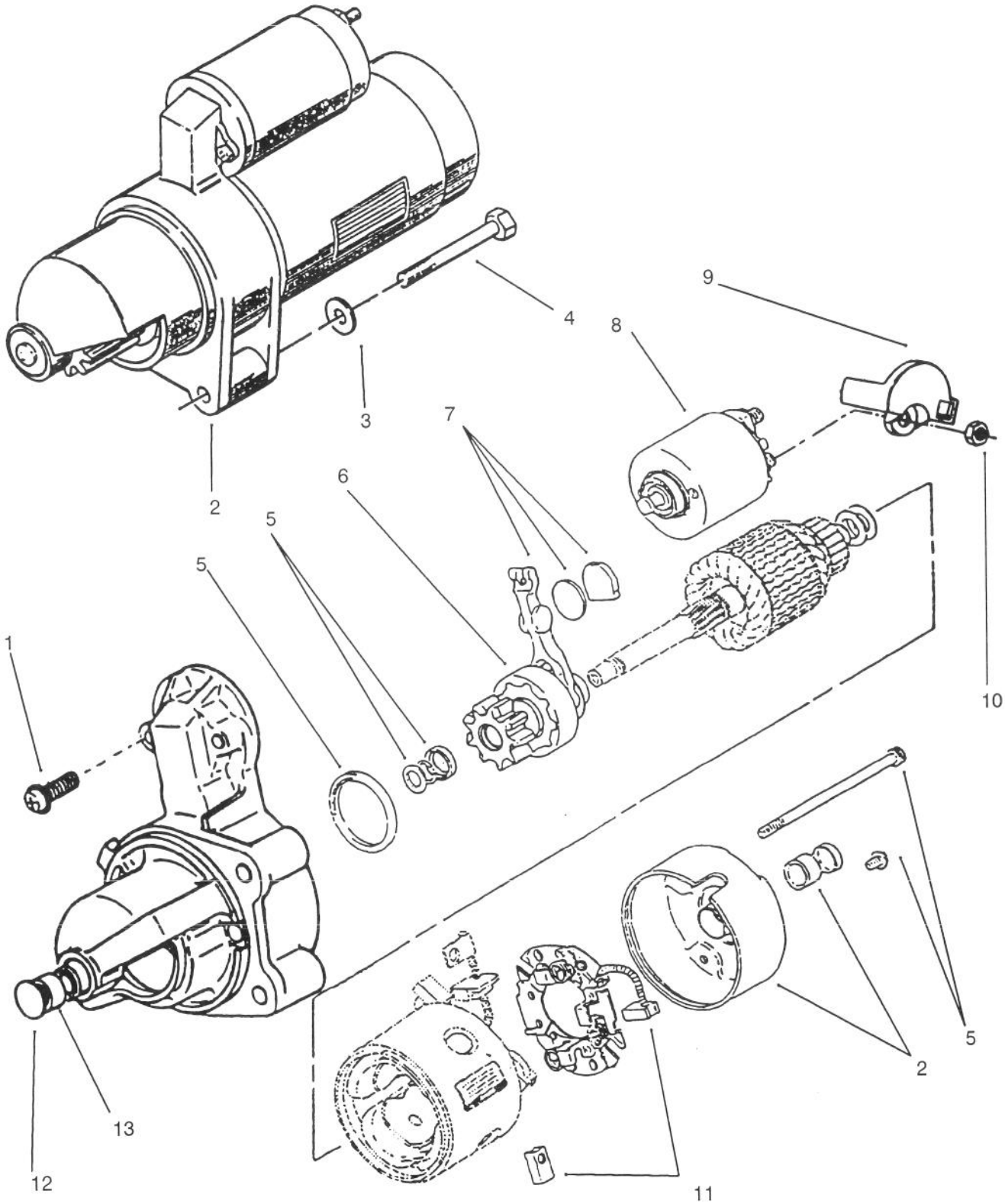
BLOWER HOUSING AND GOVERNOR POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10862	Housing – Blower	1
2	59–0970	Screw 1/4–20 x 7/16	1
3	92–0920	Housing – Cylinder Air, LH	1
4	92–0921	Housing – Cylinder Air, RH	1
5	59–0980	Screw 1/4–20 x 5/8	1
6	NN10289	Clamp	1
7	82–1600	Screw 5/16–18 x 3/4	2
8	NN10393	Screw 1/4–20 x 5/8	4
9	NN10289	Clamp	1
10	NN10356	Washer – Flat 1/4	1
11	NN10217	Spring – Governor, 5 Ball	1
12	57–9190	Clamp – Cable	1
13	79–6360	Bracket	1
14	NN10395	Screw #10–32 x 1/2	1
15	59–1030	Screw #6–32 x 5/8	1
16	NN10219	Spring	1
17	92–0922	Arm – Governor Control, w/o Swivel	1
18	59–1100	Screw 1/4–20 x 1/2	2
19	NN10357	Washer – Flat 1/4	1
20	NN10218	Bushing	1
22	59–1000	Screw 10–32 x 1/2	1

Ref. No.	Part No.	Description	No. Used
23	57–9190	Clamp – Throttle Cable	1
24	79–6390	Bracket – Governor Control	1
25	59–0830	Washer – Flat 1/4	1
26	82–1620	Washer – Lock	1
27	82–1370	Screw 1/4–20 x 1	1
28	201327	Screw	3
29	79–6400	Bushing – Governor Control	1
30	NN10320	Swivel – Throttle Control	1
31	59–0720	Pin – Cotter	1
32	NN10410	Screw – Machine	1
33	79–6410	Link – Governor Control	1
34	79–6420	Adapter – Governor Arm	1
35	59–1050	Screw 10–32 x 1/2	2
37	59–1080	Bushing – Black Nylon	1
38	NN10414	Screw 1/4–20 x 5/16	4
39	82–0620	Guard – Stationary	1
41	NN10832	Bracket	1
42	82–0930	Screw 1/4–20 x 1/2	2
49	82–1590	Screw 1/4–20 x 3/8	4
55	NN10348	Clip – Wire	1
56	NN10296	Bracket – Lifting	2

*Not Illustrated

STARTER POWER PLUS

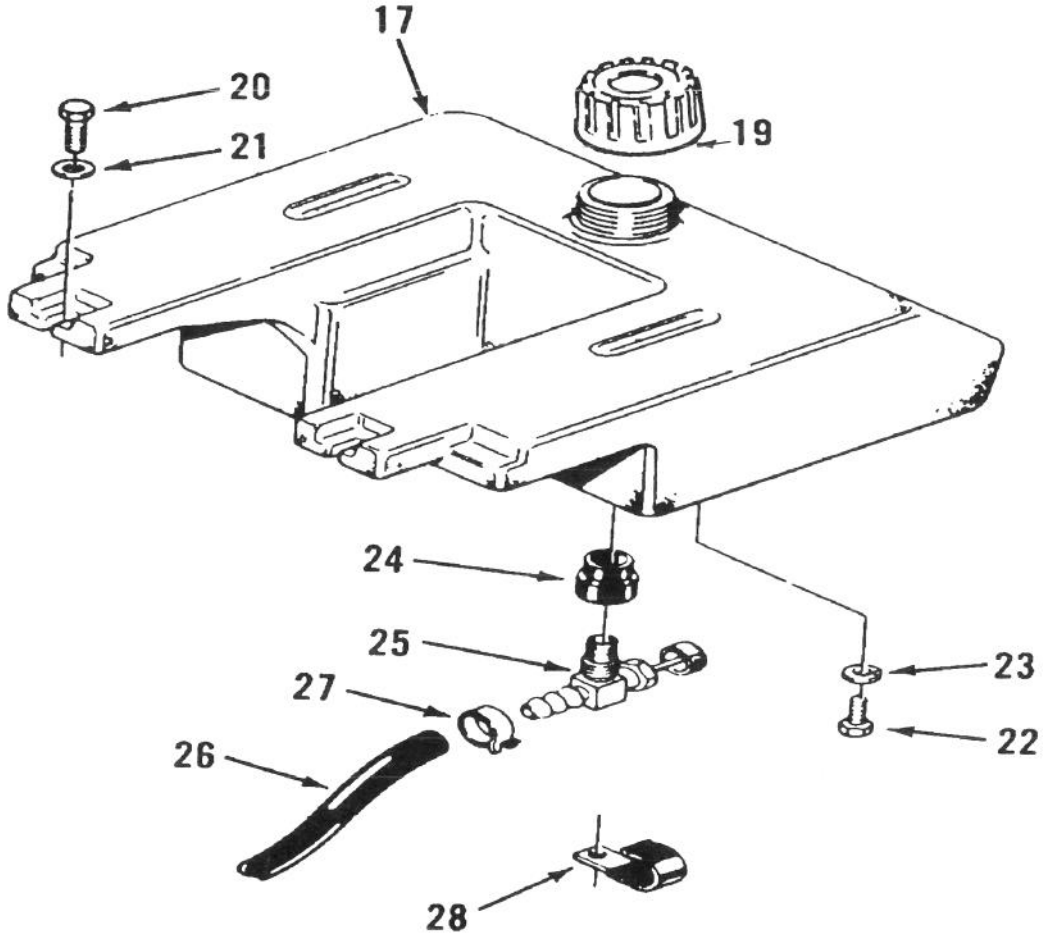


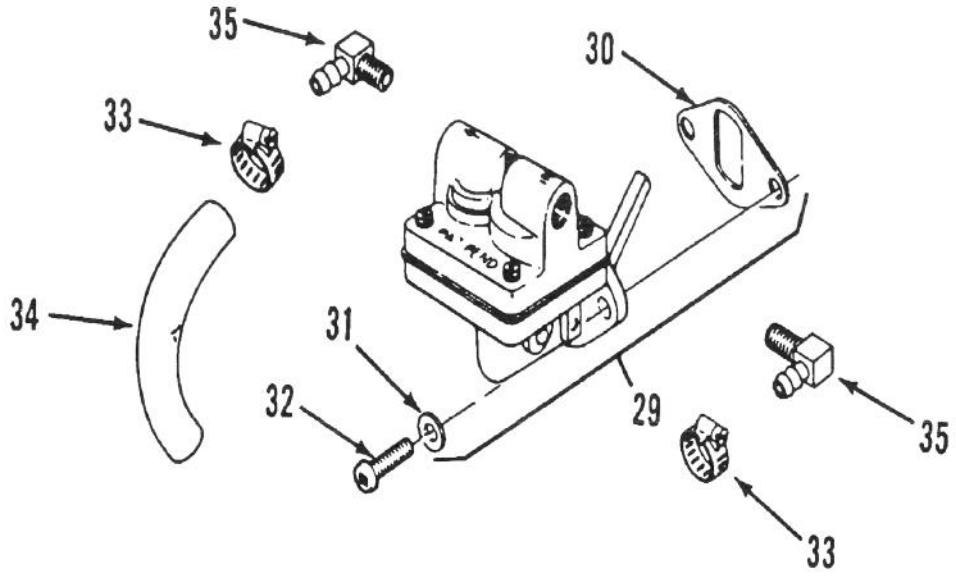
STARTER POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	NN10885	Starter Hdwr Kit (Includes Solenoid Screws [2], Brush Holder Screws [2], Thru Bolts [2], Armature Shims [2], Pinion Stop Collar, & Pinion Retaining Ring)	1
2	71–6040	Starter, Complete – See Components Below	1
3	57–9770	Washer – Flat 5/16	2
4	79–6580	Screw – Cap 5/16–18 x 3–1/2	2
5	NN10886	Seal – Dust	1
6	NN10884	Clutch – Starter (Includes Pinion Gear w/Clutch)	1
7	NN10266	Kit – Starter Shift Lever (Includes Shift Lever, Wear Plate & Rubber Plug)	1
8	NN10887	Kit – Starter Solenoid (Includes Solenoid, Spring, & Plunger)	1
9	NN10930	Cap – Starter Solenoid	1
10	NN10768	Nut	1
11	NN10883	Kit – Starter Brush (Includes Positive Brush [2] & Negative Brush w/Pigtail)	1
12	62–2730	Kit – Bushing (Includes Front Bushing & Rear Cap w/Bushing)	1
13	NN10929	Holder – Starter Brush (Includes Brush Holder w/Negative Brush)	1

*Not Illustrated

KOHLER FUEL SYSTEM



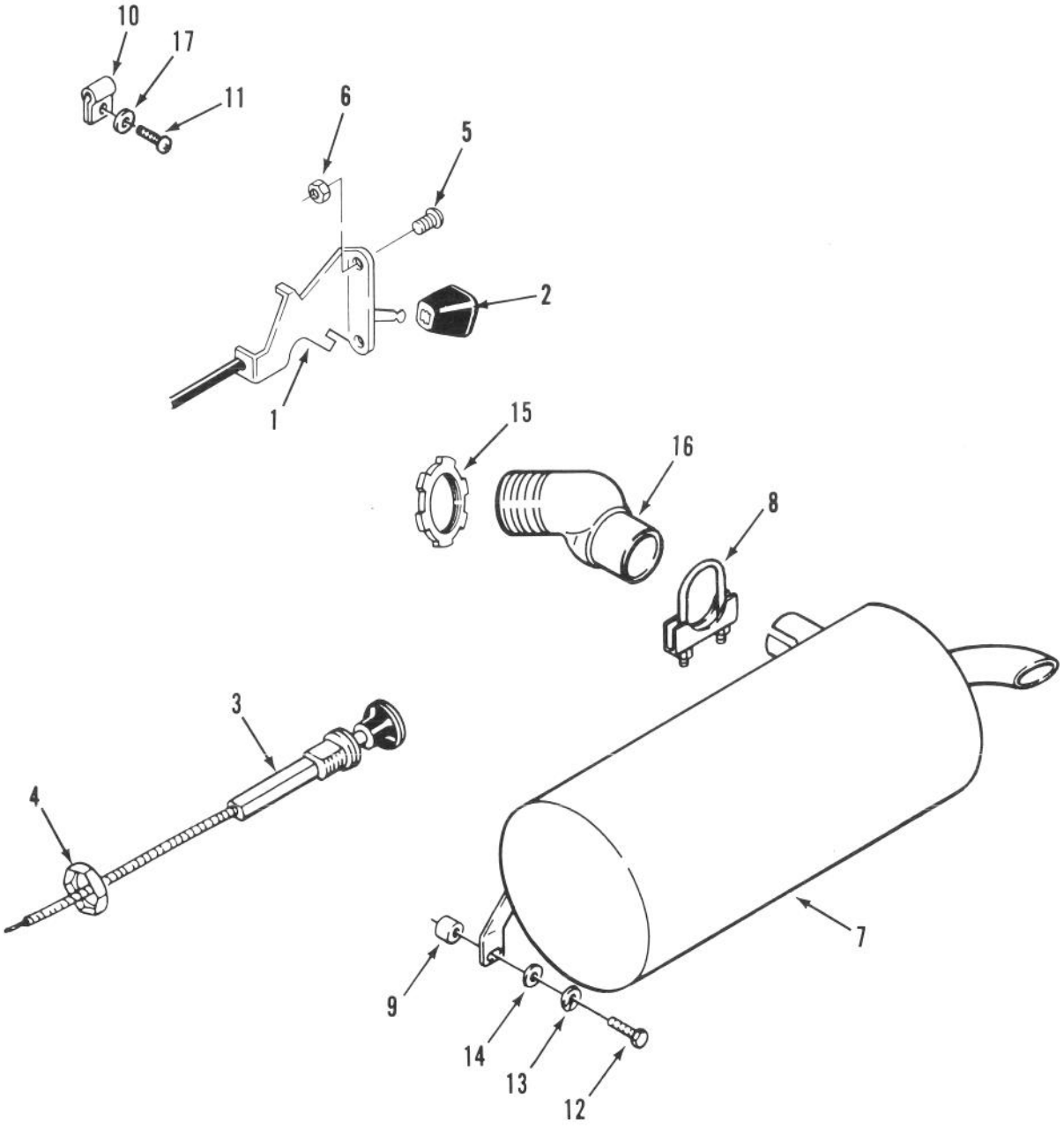


KOHLER FUEL SYSTEM

Ref. No.	Part No.	Description	No. Used
17	106234	Tank – Fuel	1
18	55–3570	Fuel Cap & Gauge	1
20	926697	Bolt 5/16–18 x 1	2
21	3256–4	Washer 3/8	2
22	322–2	Bolt 5/16–18 x 5/8	3
23	3253–4	Washer – Lock 5/16	1
24	104047	Bushing	1
25	104048	Valve – Fuel Shut–Off	1
26	103787	Line – Fuel 62"	1
27	108898	Clamp	2
28	950154	Clamp 1/2" (1.3 cm) Dia	2
*	105490	Clamp 1" (2.5 cm) Dia	1
29	KH10319	Pump Assy – Fuel (Includes Items 30 & 31)	1
30	25 041 04	Gasket	1
31	KH10569	Washer 1/4	2
32	KH10552	Screw – Pozidrive 1/4–20 x 3/4	2
33	KH10586	Clamp	2
34	KH10130	Line – Fuel 1/4 I.D. x 5–1/2" Lg	1
35	KH10123	Connector – 90°	2

*Not Illustrated

THROTTLE CHOKE AND EXHAUST

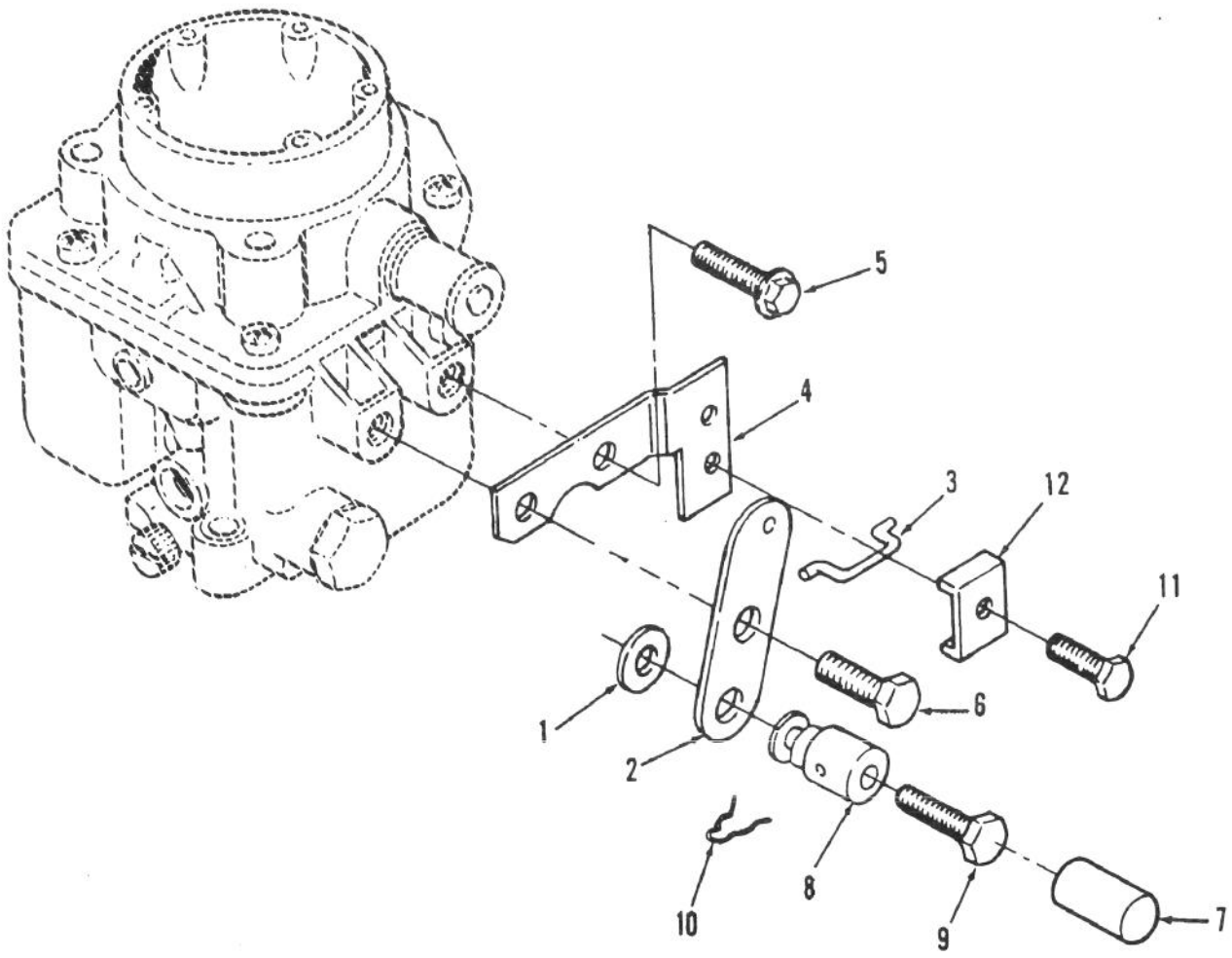


THROTTLE CHOKE AND EXHAUST

Ref. No.	Part No.	Description	No. Used
1	115854	Control – Throttle	1
2	116454	Knob – Throttle Control	1
3	112214	Choke Control	1
4	109530	Nut – Pal	1
5	910792	Screw – Black #10–24 x 1/2	2
6	915740	Nut – Lock #10–24	2
7	112213	Muffler	1
8	106858	Clamp	1
9	6876	Spacer	1
10	KH10344	Clamp – Cable	1
11	KH10610	Screw – Hex. Hd. 1/4–20 x 7/16 310, 312	1
12	322–6	Bolt 5/16–18 x 1–1/4	1
13	3253–4	Washer 5/16	1
14	3256–66	Washer 5/16	1
15	KH10535	Nut – Lock	1
16	KH10278	Elbow	1
17	KH10570	Washer 1/4	1

*Not Illustrated

CHOKE LINKAGE POWER PLUS

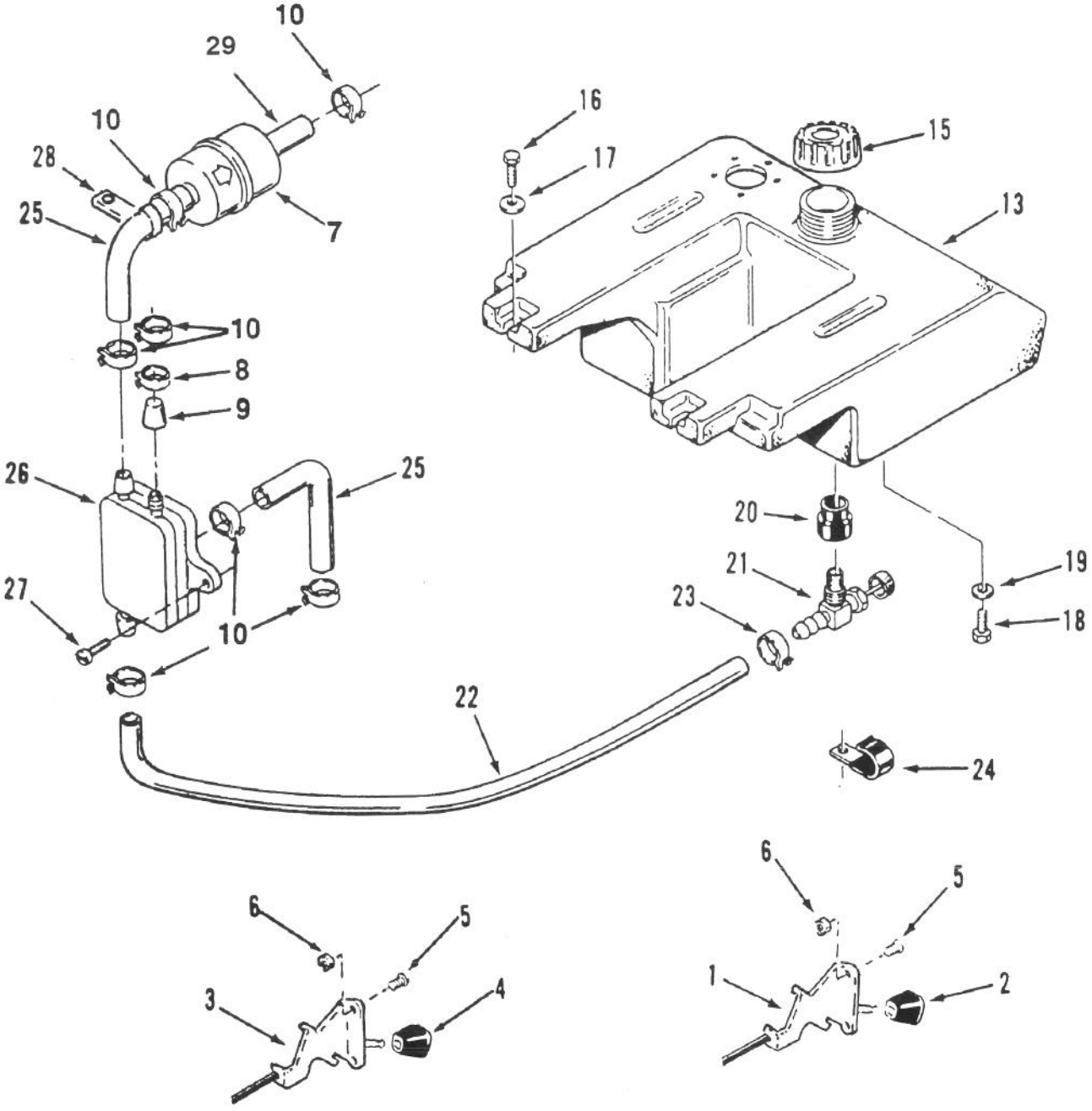


CHOKE LINKAGE POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	59–0850	Washer #10	2
2	59–0460	Lever – Choke	1
3	57–9180	Link – Choke	1
4	59–0470	Bracket	1
5	NN10412	Screw #10–32 x 1–1/4	1
6	92–0916	Screw #10–32 x .38	1
7	NN10830	Plug	1
8	57–9170	Swivel – Choke Lever	1
9	NN10410	Screw #8–32 x .375	1
10	59–0720	Pin – Cotter	1
11	NN10784	Screw #10–32 x 7/8	1
12	57–9190	Clip	1

*Not Illustrated

THROTTLE CHOKE AND FUEL CONTROLS POWER PLUS

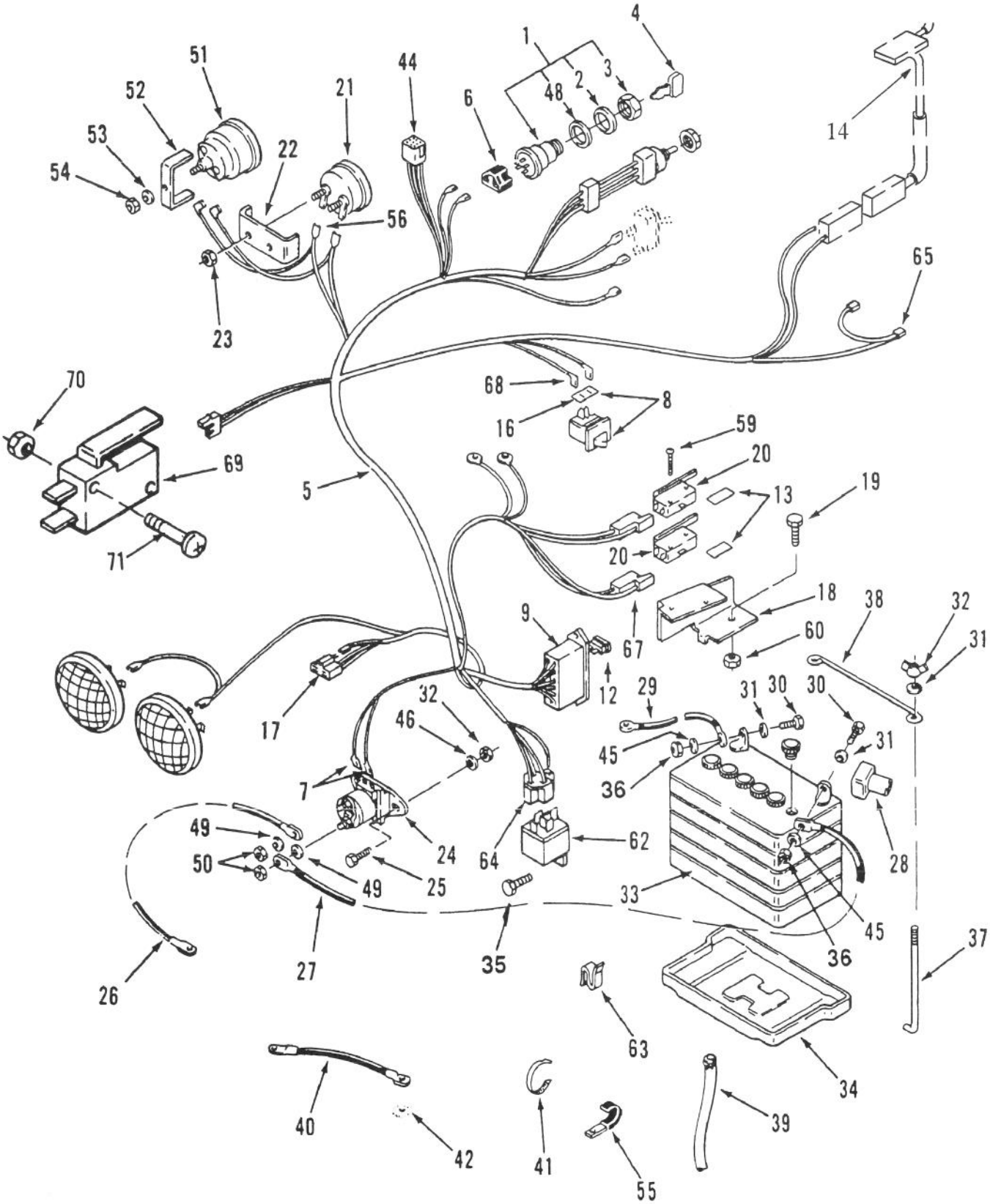


THROTTLE CHOKE AND FUEL CONTROLS POWER PLUS

Ref. No.	Part No.	Description	No. Used
1	115392	Control – Throttle	1
2	116454	Knob – Throttle Control	1
3	114951	Control – Choke	1
4	116454	Knob – Choke Control	1
5	910792	Screw #10–24 x 1/2	4
6	915740	Nut – Lock #10–24	4
7	NN10506	Filter – Fuel	1
8	57–9550	Clamp – Hose 7/16	1
9	59–0370	Cap – Fuel Fitting	1
10	82–1080	Clamp – Hose 1/2	7
13	106234	Tank – Fuel (Includes Items 20 & 21)	1
14	55–3570	Cap – Fuel	1
16	926697	Bolt 5/16–18 x 1 ST	2
17	3256–4	Washer 3/8	2
18	322–2	Bolt 5/16–18 x 5/8	3
19	3252–4	Washer – Lock 5/16	2
20	104047	Bushing	1
21	104048	Valve – Fuel Shut–Off	1
22	2739	Line – Fuel 53"	1
23	108898	Clamp	2
24	950154	Clamp 1/2" (13 cm) Dia.	2
	105490	Clamp 1" (2.5 cm) Dia.	1
25	NN10302	Line – Fuel 12"	3
26	57–9080	Pump – Fuel	1
27	59–1050	Screw #10–24 x 5/8	2
28	NN10348	Clip – Wire	1
29	92–0923	Hose – Fuel	1

*Not Illustrated

ELECTRICAL SYSTEM



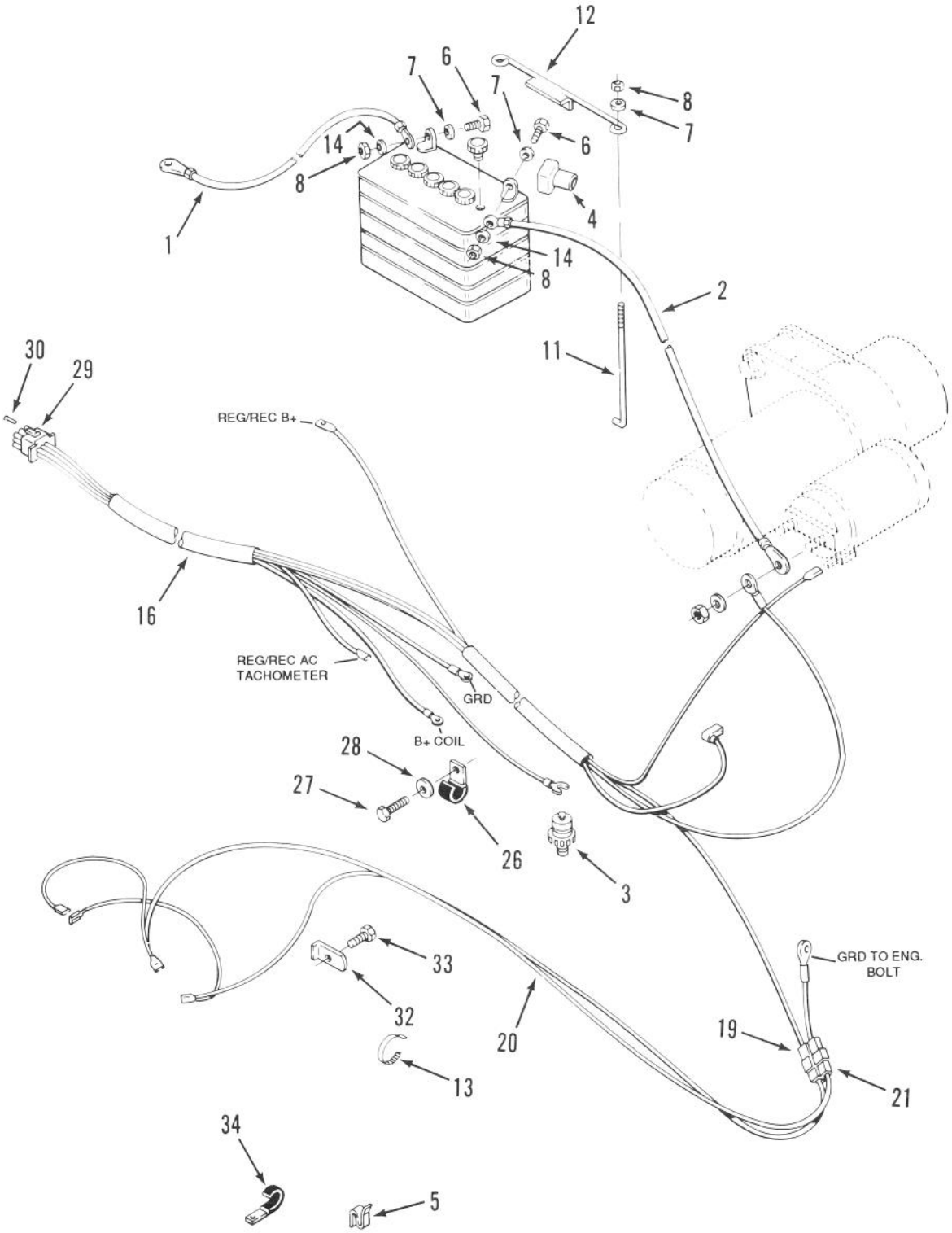
ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	116338	Switch – Ignition 310–8, 312–8, 312–H	1
	111216	Switch – Ignition 416's	1
2	920160	Washer – Internal Tooth Lock 5/8	1
3	101884	Nut – Special	1
4	62–7770	Key – Ignition, Padded	1
5	79–3580	Harness Assy – Wiring 310–8	1
*	79–3600	Harness Assy – Wiring 416–8	1
*	79–3590	Harness Assy – Wiring 312–8	1
*	78–7020	Harness Assy – Wiring 312–H	1
*	79–3620	Harness Assy – Wiring 416–H	1
6	104926	Switch – Connector Body Ignition, Part of 5	1
7	518105	Terminal – Part of 5	1
8	103480	Switch – Clutch Interlock, w/Item 16 310–8, 312–8, 416–8	1
*	115230	Switch – Clutch Interlock, w/Item 16 312–H, 416–H	1
9	120930	Body – Fuse, Part of 5	1
12	109355	Fuse 15 Amp ATO or ATC	1
	109102	Fuse 25 Amp ATO or ATC	1
	NN10277	Fuse 30 Amp ATO or ATC	1
13	111642	Barrier – Switch Insulator	2
14	38–1420	Switch – Seat	1
16	110502	Shield – Dirt	1
17	112185	Body – Connector, Part of 5	1
18	115411	Support – Switch	1
19	926671	Bolt 1/4–20 x 1/2 ST	1
20	111332	Switch – PTO Interlock	2
21	79–0060	Voltmeter	1
22	78–0080	Clamp – Voltmeter, Back	1
23	5924	Nut #10–32	2
24	110167	Solenoid 310–8, 312–8, 312–H	1
25	960152	Bolt – Whizlock 1/40–20 x 5/8 310–8, 312–8, 312–H	2
26	111069	Cable – Solenoid To Starter 310–8, 312–8, 312–H	1
27	111074	Cable – Battery (+) To Solenoid 310–8, 312–8, 312–H	1
28	109553	Cover – Terminal	1
29	111069	Cable – Battery (–) To Ground 310–8, 312–8, 312–H	1

Ref. No.	Part No.	Description	No. Used
30	321–4	Bolt 1/4–20 x 3/4	2
31	3256–22	Washer 1/4 SAE	4
32	116497	Nut 1/4–20	4
33	105842	Battery 312–H, 416–8	1
	104962	Battery 310–8, 312–8	1
	115877	Battery 416–H	1
34	106948	Tray – Battery	1
	910794	Screw #10–24 x 3/4	1
	32146–7	Nut 1/4–20	2
37	113969	Hook – Battery Hold Down	2
38	113010	Hold Down – Battery	1
39	114720	Tube – Drain	1
40	109910	Cable – Ground, Hood to Frame 310–8, 312–8, 312–H	1
41	100571	Tie – Cable	1
42	3254–2	Washer – Internal Tooth Lock 5/16	1
44	102651	Terminal – Female 1/4 Part of 5	8
45	3253–3	Washer – Lock 1/4	4
48	920262	Washer – Special	1
49	3253–3	Washer – Lock 1/4	2
50	3218–1	Nut – Jam 1/4–20	2
51	78–0020	Meter – Hour, Complete (Includes Items 52–54) 312–8, 312–H, 416–8 & 416–H	1
52	114017	Clamp – Steel	1
53	920120	Washer – Lock	1
54	915962	Nut – Hex	1
55	8830	Clip	1
59	910478	Screw #4–40 x 1–1/4	2
60	915732	Nut #4–40	2
62	116397	Relay	1
63	519337	Clip – Cable	1
64	518105	Terminal – Part of 5	1
65	6921	Terminal – Shur Plug, Part of 5	1
68	518077	Terminal – Part of 5	2
69	111332	Switch – Parking Brake 312–H, 416–8, 416–H	1
70	915732	Nut – Hex #4–40 312–8, 312–H, 416–8, 416–H	2
71	910948	Screw #4–40 x 3/4 312–8, 312–H, 416–8, 416–H	2

*Not Illustrated

ELECTRICAL SYSTEM – 416 ONLY

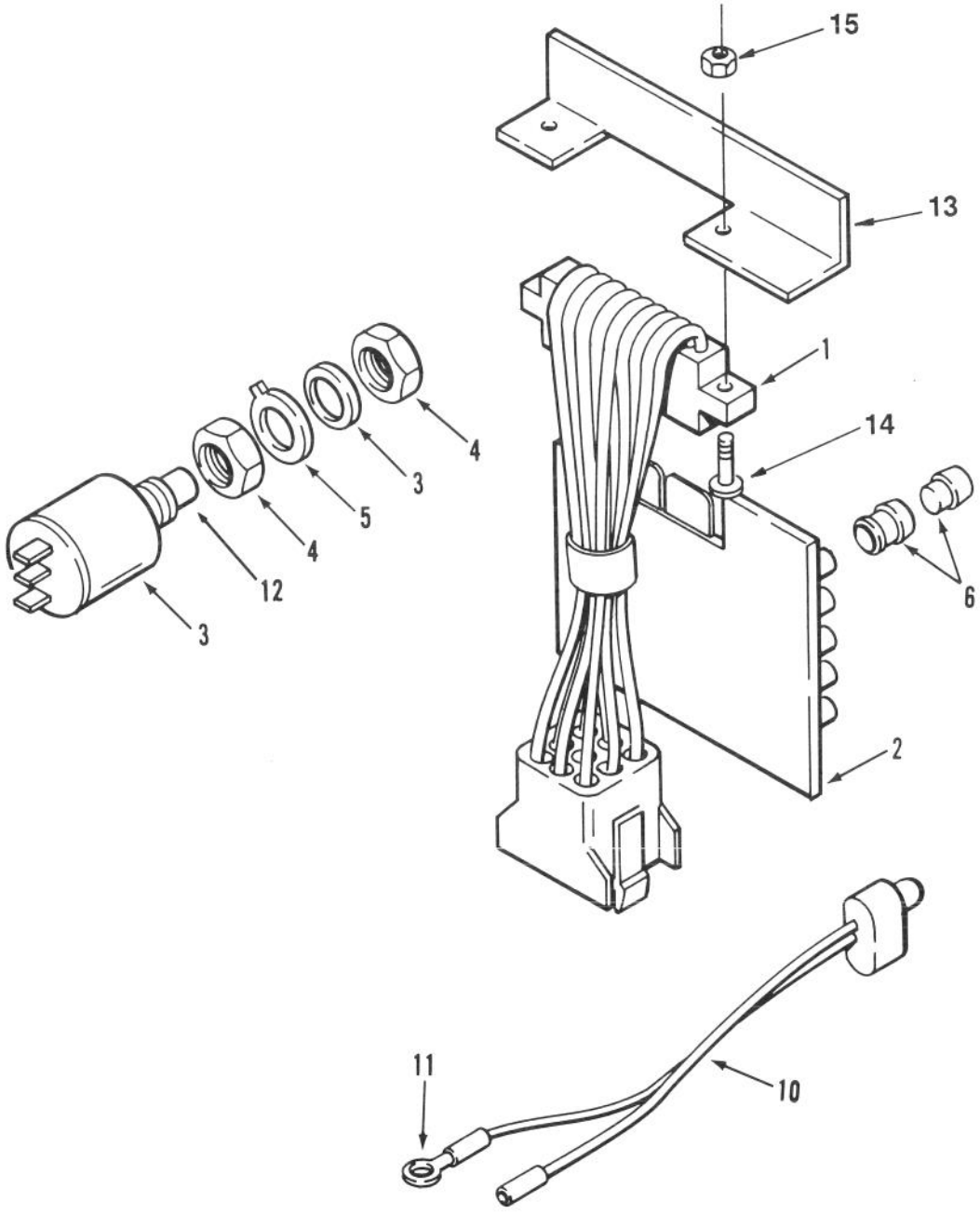


ELECTRICAL SYSTEM – 416 ONLY

Ref. No.	Part No.	Description	No. Used
1	114210	Cable – Battery Ground (24")	1
2	113825	Cable – Battery (+) to Solenoid (40")	1
3	NN10824	Switch – Low Oil Pressure	1
4	109553	Cover – Terminal	2
5	3023	Clip – Small	1
6	321–4	Bolt 1/4–20 x 3/4	2
7	3256–22	Washer 1/4 SAE	4
8	116497	Nut 1/4–20	6
11	113969	Hook – Battery Hold Down	2
12	113010	Rod – Battery Hold Down	1
13	100571	Tie – Cable	1
16	NN10294	Harness – Engine Wiring	1
19	NN10278	Connector – Terminal, Male 2	1
20	114052	Harness – Headlight	1
21	109357	Connector – Terminal, Female 2	1
26	NN10348	Clip	1
27	NN10399	Screw 1/4–10 x 1/2	1
28	NN10425	Washer – Internal Tooth 1/4	1
29	NN10281	Connector – Terminal, Male 9	1
30	NN10279	Contact – Socket	1
32	109459	Clamp	2
33	926671	Hex – Bolt 1/4–20 x 1/2 ST	2
34	8830	Clip	1

*Not Illustrated

ELECTRICAL SYSTEM

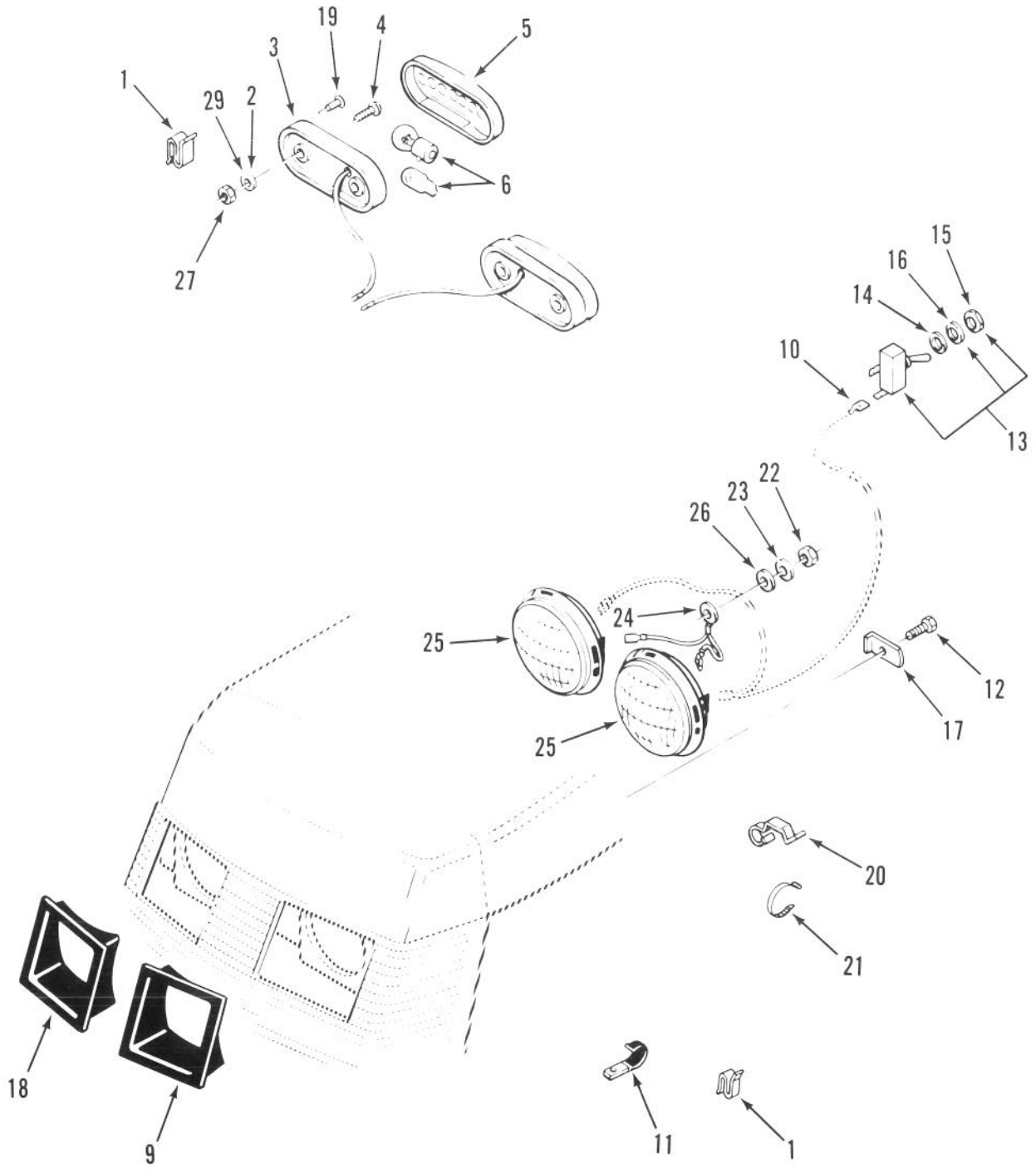


ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	116723	Harness – Wiring 312–8, 312–H	1
	117377	Harness – Wiring 416–8, 416–H	1
2	114825	PC Board w/Lights (Not used on 310–8)	1
3	116796	Test Switch (Not used on 310–8)	1
4	111359	Nut – Hex (Not used on 310–8)	2
5	111767	Washer (Not used on 310–8)	1
6	111343	Bushing Assy & Indicator Lens (Not used on 310–8)	5
10	117185	Light – Indicator 310–8	1
11	111351	Harness – Indicator Light Wiring 310–8	1
12	117217	Switch – Button (Not used on 310–8)	1
13	112506	Bracket (Not used on 310–8)	1
14	910756	Screw #4–40 x 1/2	2
15	915732	Nut #4–40	2

*Not Illustrated

ELECTRICAL SYSTEM

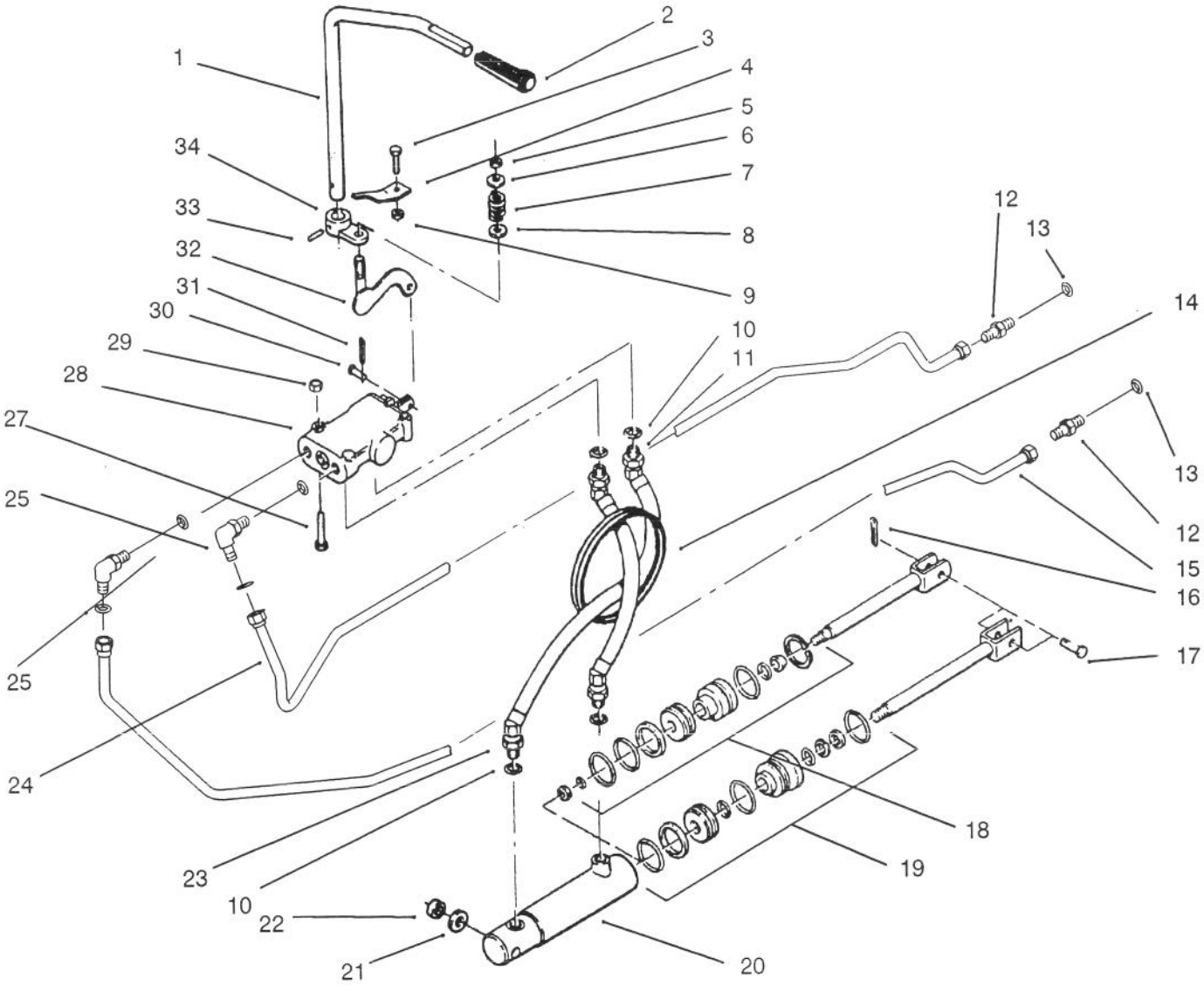


ELECTRICAL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	3023	Clip – Small (Not used on 310–8)	1
2	3253–17	Washer – Lock #10 (Optional, Not used on 310–8)	4
3	105202	Base – Taillight, w/Bulb 312, 416 (Not used on 310–8)	2
4	910808	Screw #10–32 x 5/8 (Optional, Not used on 310–8)	4
5	112564	Lens – Taillight (Not used on 310–8)	2
6	8043	Bulb – Light, Metal Base (Auto #1895 Not used on 310–8)	2
	109045	Bulb – Light, All Glass (Auto #194 Not used on 310–8)	2
9	109495	Retainer – Headlight LH	1
10	518104	Terminal	1
11	8830	Clip	1
12	926671	Bolt 1/4–20 x 1/2 ST	2
13	102138	Switch – Light	1
14	920259	Washer – Special	1
15	113179	Nut	1
16	102950	Ring – Retaining	1
17	109459	Clamp	2
18	109494	Retainer – Headlight RH	1
19	3269–3	Rivet – Pop 3/16 x 402 Aluminum (Production)	4
20	8519	Clip – Large	1
21	100571	Tie – Cable	1
22	3296–29	Nut 5/16–18	1
23	3254–2	Washer – Lock 5/16	1
24	108130	Wire – Headlight Ground 310'S, 312'S	1
25	102881	Headlight	2
26	3256–23	Washer 5/16 SAE	1
27	915551	Nut #10–32 (Optional, Not used on 310–8)	4
29	3256–21	Washer #8 (Used with Pop Rivet, Not used on 310–8)	4

*Not Illustrated

HYDROSTATIC SYSTEM 312–H, 416–H

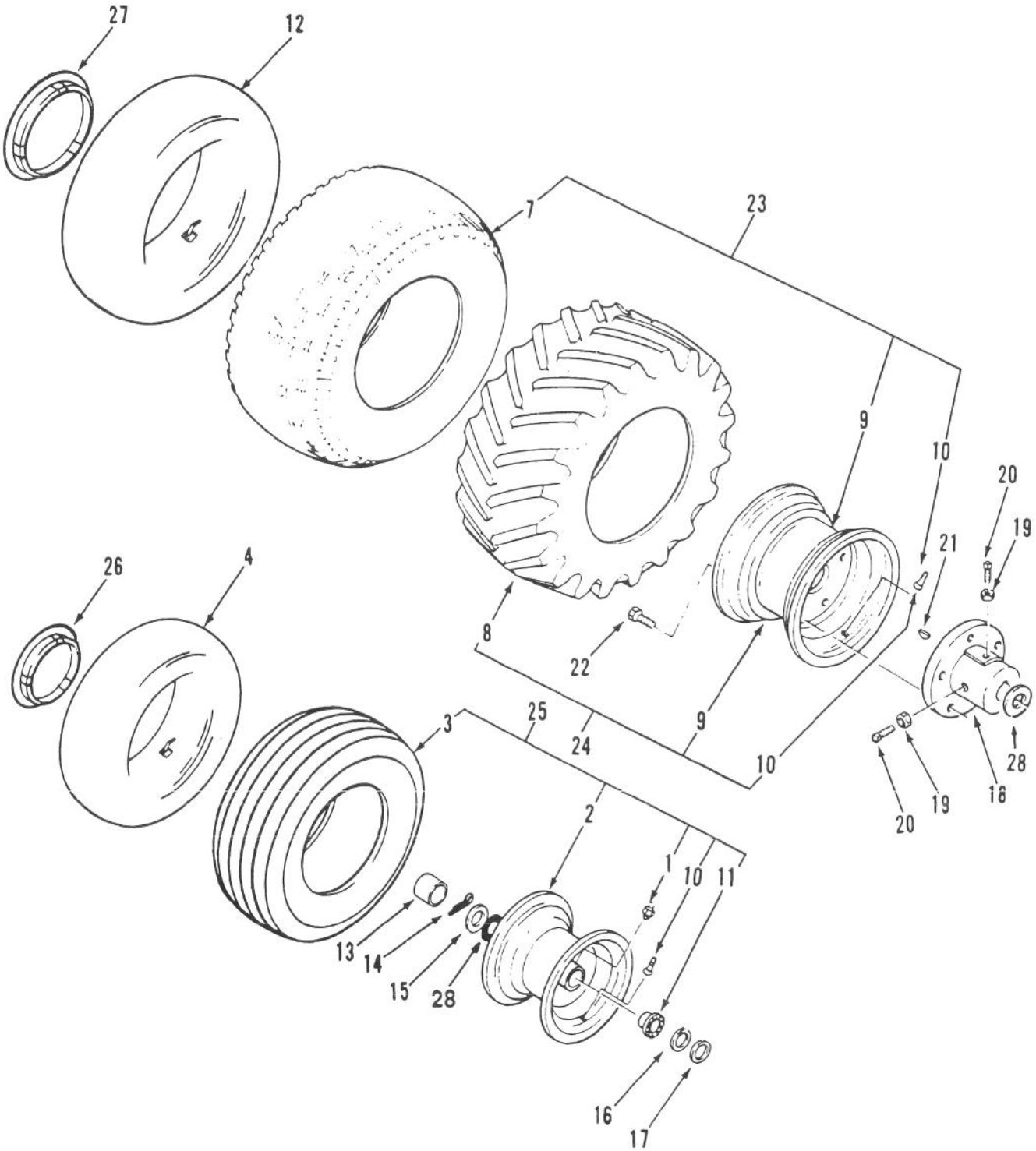


HYDROSTATIC SYSTEM 312–H, 416–H

Ref. No.	Part No.	Description	No. Used
1	78–5670	Rod – Lift Control	1
2	116634	Knob – Hydraulic Lift	1
3	321–3	Screw 1/4–20 x 3/4	1
4	116305	Bracket – Control Rod	1
5	3296–29	Nut 5/16–18	1
7	104841	Spring	1
8	321–10	Washer 5/16 SAE	1
9	3296–42	Nut 1/4–20	1
10	973310	O–Ring	2
11	110125	Hose – Valve To Cylinder 9"	1
12		Fitting – Straight Adapter	2
13	973370	O–Ring	4
14	106267	Grommet – Rubber	1
15	86–9290	Tube – Hydraulic	1
16	3272–11	Pin – Cotter 1/8 x 1	1
17	932997	Pin – Clevis 1/2 x 1/4	1
18	101699	Kit – Service Assembly Cylinder Repair	1
19	109088	Kit – Service Assembly Cylinder Repair	1
20	119340	Cylinder – Hydraulic (Incl. Ref.# 18–19)	1
21	107691	Spacer	1
22	1278	Washer – Shim	1
23	110124	Hose – Valve To Cylinder 14"	1
24	86–9280	Tube – Hydraulic	1
25	108365	Fitting – 90°	2
27	321–11	Bolt 1/4–20 x 2	2
28	114000	Valve – Hydraulic (Incl.Ref.# 30–31)	1
*	109081	Kit – Service Assembly Valve Repair	1
29	3296–42	Nut 1/4–20	2
30	932120	Pin – Clevis 1/4 SAE	1
31	932000	Pin – Cotter 1/16 x 1/2	2
32	78–5640	Bar – Lift	1
33	933198	Pin – Spirol 7/32 x 7/8*	1
34	116302	Arm – Control	1
*	100571	Tie – Cable	1

*Not Illustrated

WHEELS AND TIRES

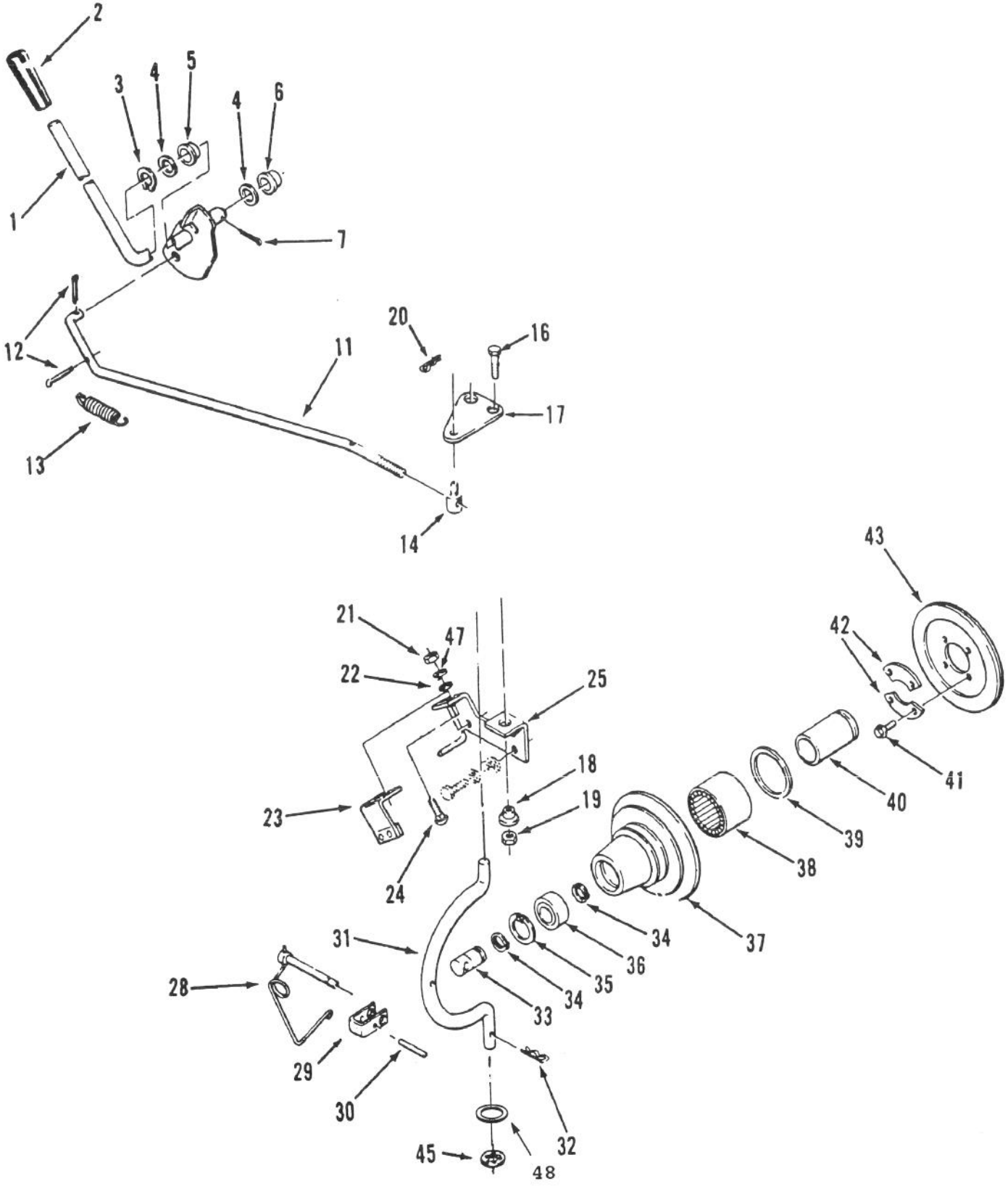


WHEELS AND TIRES

Ref. No.	Part No.	Description	No. Used
1	109500	Fitting – Grease	2
2	117285	Wheel – Front (Includes Item1, 10, & 11, Used on 310'S & 312'S)	2
*	78–1660	Wheel – Front	2
3	116884	Tire – Turf Trac, Front (Used on 310'S & 312'S)	2
*	117127	Tire – Front 16 x 650–8 (Used on 416)	2
4	100079	Tube – 310, 312	2
7	116742	Tire – Turf Trac, Rear 23 x 850–12, 310–8	2
*	116744	Tire – Turf Trac, Rear 23 x 950–12, 312–8, 312–H, 416's	2
8	7607	Tire – Cleat, Rear 23 x 850–12	2
9	111516	Wheel – Rear 12 x 7	2
10	5108	Stem – Valve	2
11	110513	Bearing – Ball	4
12	1654	Tube – Rear 310'S	2
*	7007	Tube – Rear 312'S, 416'S	2
*	100291	Tube – Cleat Tires	2
13	109154	Hubcap (Used on 310'S & 312"S)	2
*	111951	Hubcap (Used on 416)	2
14	3272–17	Pin – Cotter5/32 x 1/4	2
15	109114	Washer – Special Hub Cap (Used on 310'S & 312'S)	2
*	111952	Washer – Special Hub Cap (Used on 416'S Only)	2
16	1278	Washer – Shim .050	A/R
17	5210	Washer – Shim .015	A/R
18	105763	Hub – Rear Wheel 1–1/8" I.D. 312–8, 312–H, 416's	2
*	105762	Hub – Rear Wheel 1" I.D. 310–8*	2
19	3218–3	Nut – Jam 3/8–16	4
20	3243–5	Screw – Set 3/8–16x1	4
21	937108	Key – Woodruff 1/4 x 1–3/8 312–H, 312–8, 416's	2
	937097	Key – Woodruff 1/4 x 1 310–8*	2
22	1004	Bolt – Lug	10
23	116741	Tire Assy – Rear Wheel 310–8	2
	116743	Tire Assy – Rear Wheel 312–8, 312–H, 416's	2
24	110934	Tire Assy – RH Cleat Wheel	1
	110933	Tire Assy – LH Cleat Wheel	1
25	117289	Tire Assy – Front Wheel (Used on 310'S & 312'S)	2
*	78–1650	Tire Assy – Front Wheel (Used on 416)	2
26	114426	Logo – Hub Cap 6"	2
*	114427	Logo – Hub Cap 8"	2
27	114428	Logo – Hub Cap 12"	2
28	106826	Washer – Thrust	2

*Not Illustrated

PTO CLUTCH AND CONTROL

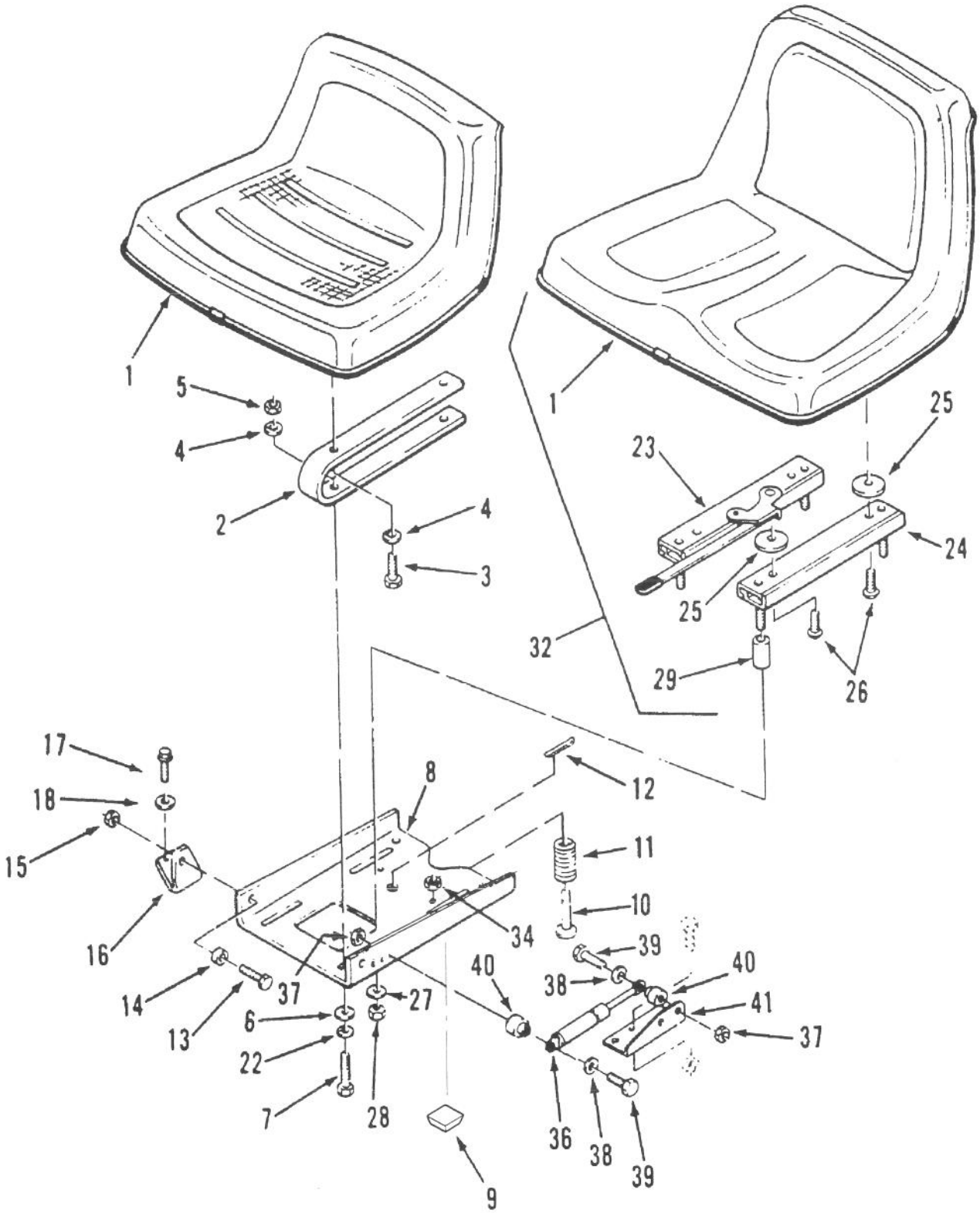


PTO CLUTCH AND CONTROL

Ref. No.	Part No.	Description	No. Used
1	111234	Lever – PTO Clutch	1
2	9038	Grip	1
3	106649	Ring – Grip	1
4	3765	Washer – Shim	2
5	5666	Bushing – Nyliner	1
6	5983	Bushing	1
7	3272–10	Pin – Cotter 1/8 x 3/4	1
11	111052	Rod – PTO Clutch	1
12	3272–10	Pin – Cotter 1/8 x 3/4	2
13	103125	Spring	1
14	110656	Trunnion	1
16	323–7	Bolt 3/8–16 x 1–1/4	1
17	110669	Plate – PTO	1
18	104859	Spacer	1
19	3296–39	Nut 3/8–16	1
20	933505	Pin – Cotter	1
21	3218–1	Nut – Jam 1/4–20	2
22	3256–22	Washer 1/4 SAE	2
23	110665	Brake Assembly – PTO	1
24	3229–25	Bolt – Carriage 1/4–20 x 3/4	2
25	111240	Bracket – Engine 310–8, 312–8	1
*	111241	Bracket – Engine 312–H	1
*	113874	Bracket – Engine 416–H	1
*	113853	Bracket – Engine 416–8	1
28	111314	Pin – Locking	1
29	113107	Clevis	1
30	933274	Pin – Spirol 5/32 x 1–3/8	1
31	113108	Rod – PTO Housing	1
32	933506	Pin – Cotter	1
33	102872	Shaft – Stub	1
34	32120–72	Ring – Snap 3/4 External	2
35	936032	Ring – Snap 1–3/4 Internal	1
36	109842	Bearing – Ball	1
37	103478	Housing – Pulley	1
38	106769	Bearing – Needle	1
39	6662	Seal	1
40	6658	Race – Bearing	1
41	321–3	Bolt – Nylok 1/4–20 x 5/8	4
42	6659	Retainer	2
43	114881	Facing – Clutch Plate	1
45	106695	Push–On Ring	1
47	3253–3	Washer – Lock 1/4	1
48		Washer – Flat	1

*Not Illustrated

SEAT

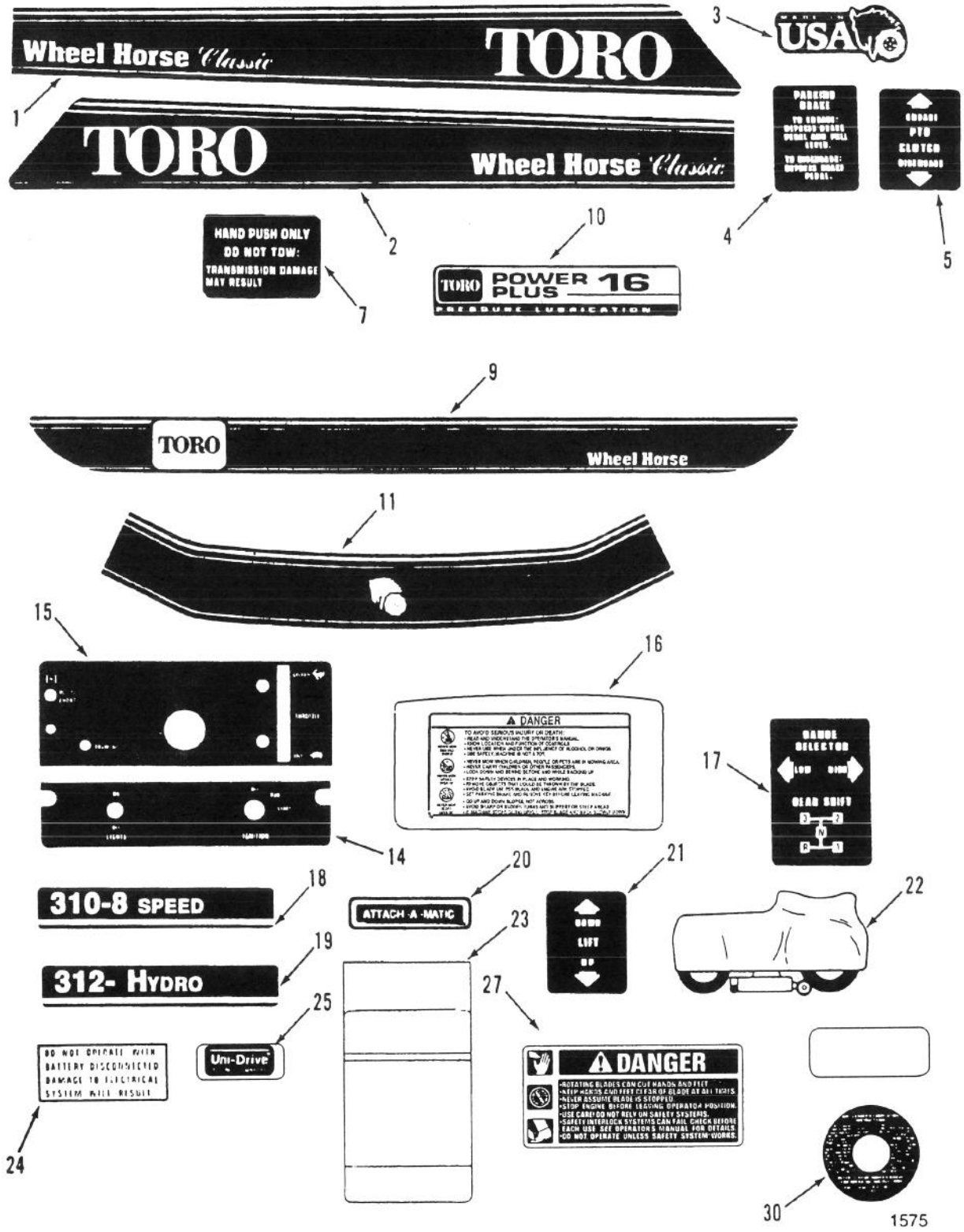

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SEAT

Ref. No.	Part No.	Description	No. Used
1	79-3670	Seat (Used on 312-H & 416-H)	1
	79-0670	Seat 312-8, 416-8	1
	78-9160	Seat 310-8	1
2	110920	Spring - Seat 310-8, 312-8, 312-H	2
	114263	Spring - Seat 416's	2
3	322-3	Bolt 5/8-18 x 3/4	4
4	3253-4	Washer - Lock 5/16	8
5	3296-29	Nut 5/16-18	4
6	3256-23	Washer 5/16 SAE	4
7	322-4	Bolt 5/16-18 x 7/8	4
8	78-2990	Plate - Seat Pivot	1
9	111071	Bumper	2
10	106449	Pin	1
11	114267	Spring	1
12	3272-6	Pin - Cotter 3/32 x 3/4	1
13	322-4	Bolt 5/16-18 x 7/8	2
14	105503	Bushing	2
15	3296-29	Nut 5/16-18	2
16	112744	Bracket - Pivot RH	1
	112745	Bracket - Pivot LH	1
17	913464	Bolt 5/16-18 x 7/8	4
18	3256-23	Washer 5/16 SAE	4
22	3253-4	Washer - Lock 5/16	4
23	114264	Adjuster - RH (With Latch) 416's	1
24	114265	Adjuster - LH 416's	1
25	109989	Spacer 416's	4
26	910865	Screw 5/16-18 x 3/4 416's	4
27	3256-3	Washer 5/16 SAE 416's	4
28	3217-6	Nut 5/16-18 416's	4
29	110932	Spacer 416's	4
32	79-3670	Seat Assy - Deluxe (Includes Items 1,23,24,25,26 & 29)	X
34	3296-29	Nut 5/16-18	2
36	114343	Spring (Used on 310-8, 312-8, 312-H & 416-H)	1
	78-3240	Spring (Used on 416-8 Only)	1
37	3296-42	Nut 1/4-20	2
38	3256-22	Washer 1/4 SAE	2
39	321-8	Bolt 1/4-20 x 1-1/4	2
40	114344	Spacer (Used on 310-8, 312-8, 312-H & 416-H)	2
	78-3250	Spacer (Used on 416-8 Only)	1
41	114345	Bracket	1

*Not Illustrated

DECALS


Wheel Horse Classic
TORO
TORO
Wheel Horse Classic
USA
HAND PUSH ONLY
DO NOT TOW:
TRANSMISSION DAMAGE
MAY RESULT
TORO POWER PLUS 16
PRESSURE LUBRICATION
TORO
Wheel Horse
DANGER
RANGE SELECTOR
LOW
HIGH
GEAR SHIFT
310-8 SPEED
ATTACH-A-MATIC
312- HYDRO
Uni-Drive
DANGER
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DECALS

Ref. No.	Part No.	Description	No. Used
1	79-4450	Decal - Hood RH 310-8, 312-8, 312-H	1
	79-4640	Decal - Hood RH 416-8	1
	79-4660	Decal - Hood RH 416-H	1
2	79-4460	Decal - Hood LH 310-8, 312-8, 312-H	1
	79-4650	Decal - Hood LH 416-8	1
	79-4670	Decal - Hood LH 416-H	1
3	117242	Decal - Made In USA	1
4	111510	Decal - Parking Brake (Used on 310-8, 312-8 & 416-8)	1
*	116445	Decal - Parking Brake	1
5	111960	Decal - PTO Clutch	1
7	116446	Decal - Do Not Tow 312-H, 416-H	1
9	117760	Decal - Rear Fender	1
10	118540	Decal - Power Plus 416's	1
11	117509	Decal - Front Hood	1
14	119220	Decal - Switch Plate	1
15	119170	Decal - Lower Dash 310-8	1
	119190	Decal - Lower Dash 312-8	1
	119200	Decal - Lower Dash 416-8	1
	78-7190	Decal - Lower Dash 312-H	1
	78-7270	Decal - Lower Dash 416-H	1
16	88-0020	Decal - Rear Hood Danger	1
17	111534	Decal - Hi-Low Shift 310-8, 312-8, 416-8	1
18	117486	Decal - 8-Speed 310-8	2
	117487	Decal - 8-Speed 312-8	2
	117513	Decal - 8-Speed 416-8	2
19	117488	Decal - HYDRO 312-H	2
	117511	Decal - HYDRO 416-H	2
20	115197	Decal - Attach-A-Matic	1
21	112168	Decal - Lift	1
22	110831	Plastic Tractor Cover	1
23	115398	Decal - Maintenance	1
24	111926	Decal - Electrical System	1
25	104955	Decal - Unidrive	1
27	79-0370	Decal - Danger	1
30	KH10191	Decal - Air Cleaner/Lub 310, 312	1
31	78-9130	Decal - Cold Start (Used on 312-H)	1
		312-8	1

*Not Illustrated

PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
1001	Knob – Hi–Lo Range Shift	7	75	1
1004	Bolt – Lug	99	22	10
1030	Fitting – Grease	21	26	1
1030	Fitting – Grease, Straight	15	2	2
1085	Collar	21	3	1
1085	Collar	17	10	2
1085	Collar	15	26	1
1121	Key 1/4 Sq x 1–3/16	25	18	1
1121	Key 1/4 sq. x 1–3/16	27	6	1
1230	Spring	19	25	1
1239	Screw – Set – Special	7	47	1
1243	Cup – Plug	5	28	1
1278	Washer	15	33	2
1278	Washer – Shim	97	22	1
1278	Washer – Shim	21	25	1
1278	Washer – Shim .050	99	16A/R	
1278	Washer – Shim 3/4 x .050	17	13	1
1278	Washer – Shim 3/4 x .050	15	17	1
1481	Fitting – Grease, 45°	15	3	1
1481	Fitting – Grease, 45°	15	22	1
1504	Bushing – Bronze	7	37	2
1516	Bushing – Reverse Idler	7	43	1
1518	Bearing – Needle 5/8 I.D.	13	8	1
1518	Bearing – Needle 5/8 I.D.	5	22	4
1523	Bearing – Needle 3/4 I.D.	5	16	1
1528	Bearing – Needle 1 I.D. 310	5	11	2
1529	Bearing – Needle 3/4 I.D.	5	12	1
1531	Bearing – Needle 5/8 I.D.	5	17	1
1532	Bearing – Needle 1 I.D.	13	6	2
1532	Bearing – Needle 1 I.D.	5	9	2
1538	Bearing – Needle 3/4 I.D.	13	7	1
1542	Bearing – Needle 5/8 I.D.	5	10	1
1644	Hitch – Drawbar	23	9	1
1654	Tube – Rear 310'S	99	12	2
2739	Line – Fuel 53	87	22	1
2844	Special Washer	21	14	1
2844	Washer – Special	17	3	1
3023	Clip	31	26	1
3023	Clip – Small	91	5	1
3023	Clip – Small (Not used	95	1	1
3503	Fork – Shift	5	33	2
3517	Ball – Detent 1/4 Dia.	7	55	2
3517	Ball – Detent 1/4 Dia.	7	60	1
3527	Gear – Reduction	7	38	1
3577	Cover – Dust	7	49	1
3624	Spring	25	4	1
3765	Washer – Shim	101	4	2
3765	Washer – Shim 1/2 x .0301	17	21	1
3908	Gear – Differential Axle 310–8*	7	71	2
3909	Pin – Reverse Idler	7	42	1
3912	Gasket – Transmission Case	7	46	1
3915	Pin – Locating	5	15	2
4204	Gear – Reverse Idler	7	41	1
4944	Button – Plug	25	8	1
5108	Stem – Valve	99	10	2
5173	Gear – 2nd & 3rd	5	29	1
5174	Gear – 1st & Reverse	5	30	1
5175	Gear	5	23	1
5210	Washer – Shim .015	99	17A/R	
5210	Washer – Shim 3/4 x .015	15	16	1
5224	Cap	35	28	1
5280	Knob – Height Control	25	40	1
5614	Pin – Shift	5	35	1
5615	Rail – Shift, Front	5	31	1
5616	Rail – Shift, Rear	5	32	1
5618	Ring – Retaining	15	8	1
5618	Ring – Retaining	23	12	2
5638	Axle – Front	15	1	1
5666	Bushing – Nyliner	101	5	1
5701	Ring – Retaining	19	7	2
5701	Ring – Retaining	27	16	1
5701	Ring – Retaining	25	29	1
5701	Ring – Retaining	19	17	4
5924	Nut #10–32	89	23	2
5961	Axle – Rear 310–8 (1 dia)	7	72	2
5983	Bushing	101	6	1
5983	Bushing	19	6	2
5983	Bushing – Hood Pivot & Bracket	29	*	2
5991	Fitting	9	33	1
6216	Pin & Plate	15	4	1
6229	Bearing	27	15	1
6229	Bearing	25	28	1
6254	Bushing	21	2	2
6397	Bearing – Lower Steering Shaft	15	23	1
6449	Axle – Seal	13	9	2
6472	Bearing – Flanged	15	12	1
6542	Grip – Lift Lever	25	6	1
6658	Race – Bearing	101	40	1
6659	Retainer	101	42	2
6662	Seal	101	39	1
6739	Trunnion	27	8	1
6739	Trunnion	25	20	1
6820	Grip	17	35	1
6876	Spacer	83	9	1
6921	Terminal – Shur Plug,	89	65	1
7007	Tube – Rear 312'S, 416'S	99	*	2
7201	Shaft – Input	5	19	1
7204	Gear	5	21	1
7205	Gear – Sliding	5	24	1
7206	Gear – Reduction	5	25	1
7207	Bearing – Needle 3/8 I.D.	5	26	2
7208	Shaft – Reduction Gear	5	27	1
7213	Bolt – Detent	7	57	1
7214	Shaft – Shift Hi–Low Range	7	58	1
7269	Cluster Gear With Bushing	7	36	1
7418	Washer – Thrust	5	20	1
7443	Pulley – Engine Drive 312–H, 3			1
7451	Pulley – Idler	17	42	1
7456	Clamp	33	11	4
7607	Tire – Cleat, Rear 23 x 850–12	99	8	2
7879	Bushing	17	24	2
7879	Bushing	19	51	1
7896	Washer – Bowed	17	12	1
7896	Washer – Bowed	15	29	1
7939	Ring – Special, Snap 310–8	7	73	2
7956	Washer – Thrust	13	30	1
8043	Bulb – Light, Metal Base	95	6	2
8130	Retainer – Spring	25	3	1
8519	Clip – Large	95	20	1
8616	Spring	23	7	2
8693	Knob (312–H)	19	82	1
8722	Knob (312–H)	19	81	1
8830	Clamp	27	20	1
8830	Clamp	25	52	1
8830	Clip	95	11	1
8830	Clip	91	34	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
8830	Clip	89	55	1
9038	Grip	101	2	1
9038	Grip	23	22	1
9416	Bearing – Needle 1–1/8 I.D.	13	5	2
9416	Bearing – Needle 1–1/8 I.D.	5		2
9547	Washer – Thrust	13	25	1
9547	Washer – Thrust	7	50	1
9593	Band – Brake	17	4	1
9598	Plate – Back–Up	17	7	1
9840	Shaft – Cluster	7	39	1
17466	Pulley – Engine Drive	3	1	1
100079	Tube – 310, 312	99	4	2
100291	Tube – Cleat Tires	99	*	2
100304	Spacer	19	8	2
100305	Washer – Friction	9	18	2
100309	Spacer	9	20	1
100365	Washer – Spring Disc	9	17	2
100441	Seal – Brake Shaft 3/4 I.D.	5	18	1
100442	Seal – Input Shaft 5/8 I.D.	5	13	1
100443	Seal – Axle 1 1/8 I.D. x 1–3/8	5	*	2
100571	Tie – Cable	97	*	1
100571	Tie – Cable	91	13	1
100571	Tie – Cable	95	21	1
100571	Tie – Cable	89	41	1
100656	Bearing – Cam	19	16	1
101711	Housing – Front Hitch	23	1	1
101161	Trunnion – Clutch Rod	17	22	1
101623	Gear – Differential Pinion	13	14	8
101623	Gear – Differential Pinion 11	7	70	4
101625	Gear – Pinion 11 Tooth	13	23	1
101625	Gear 11 Tooth	7	52	1
101626	Gear – Pinion 44 Tooth	13	24	1
101626	Gear 44 Tooth	7	53	1
101699	Kit – Service Assembly Cylinder	97	18	1
101707	Lock	23	6	1
101750	Rod	23	3	1
101751	Rod–Front Hitch Lock	23	4	1
101847	Dipstick Assembly	7	44	1
101850	Rod – Hood Stop	29	8	1
100863	Seal – Axle 1 I.D. x 1–1/4 O.D.	5	14	4
101853	Spring	19	63	1
101884	Nut – Special	89	3	1
101889	Gear – Differential Axle 24 Tooth	13	20	2
101889	Gear – Differential Axle 312–8	7		2
102025	Spacer	19	23	1
102025	Spacer	17	36	1
102138	Switch – Light	95	13	1
102644	Plate – Mid Hitch	23	15	2
102651	Terminal – Female 1/4 Part of 5	89	44	8
102703	Nipple – Transmission Fill	7	45	1
102809	Nut – Special	17	39	1
102809	Nut – Special, Flanged	19	24	1
102872	Shaft – Stub	101	33	1
102881	Headlight	95	25	2
102950	Ring – Retaining	95	16	1
102974	Gear Assembly	7	51	1
103125	Spring	101	13	1
103125	Spring – Brake Return	21	6	1
103347	Rod – Clutch	17	14	1
103478	Housing – Pulley	101	37	1

Part No.	Description	Pg. No.	Ref. No.	Qty.
103480	Switch – Clutch Interlock,	89	8	1
103543	Bell Crank – Brake Linkage	17	23	1
103628	Spring – Parking Brake Return	17	41	1
103787	Line – Fuel 62	81	26	1
103995	Washer – Special 9/32 312–H,3	8		1
104047	Bushing	87	20	1
104047	Bushing	81	24	1
104048	Valve – Fuel Shut–Off	87	21	1
104048	Valve – Fuel Shut–Off	81	25	1
104248	Grommet	31	18	1
104822	Ring – Retaining	15	34	2
104841	Spring	97	7	1
104859	Spacer	101	18	1
104926	Switch – Connector Body	89	6	1
104955	Decal – Unidrive	105	25	1
104962	Battery 310–8, 312–8	89		1
105061	Gear – Differential Ring	13	13	1
105061	Gear – Differential Ring 43 Tooth	7		1
105063	Gear – Differential Ring 43 Tooth	7	68	1
105202	Base – Taillight, w/Bulb 312, 416	95	3	2
105269	Shaft–Drawbar Hitch	23	10	1
105316	Cap – Rod (2 used on 416)	25	7	1
105316	Cap–Lock Rod	23	8	2
105453	Key 1/4 x 1/4 x 3/4	3	3	1
105490	Clamp 1 (2.5 cm) Dia	81	*	1
105490	Clamp 1 (2.5 cm) Dia.	87		1
105503	Bushing	103	14	2
105762	Hub – Rear Wheel 1 I.D.	99	*	2
105763	Hub – Rear Wheel 1–1/8 I.D.	99	18	2
105797	Ring – Retaining	23	5	8
105797	Ring – Retaining	29	6	2
105842	Battery 312–H, 416–8	89	33	1
105845	Tube – Rear Lift Cable	25	30	1
105859	Latch–Front Hitch	23	2	1
105875	Axle – Rear 312–8, 416–8	7		2
105876	Ring – Retaining	13	21	2
105876	Ring – Special, Snap 312–8	7		2
105886	Rod – Brake, Front	17	29	1
105896	Arm – Clutch Rod	17	18	1
105900	Rod – Brake, Rear	17	28	1
106030	Spring – Detent	7	56	1
106030	Stop – Shift	7	61	1
106165	Pulley – Transmission Drive (Used	3	7	1
106177	Shaft – Upper Steering	15	25	1
106193	Bolt – Special 3/8–16 x 1–1/2	19	45	1
106193	Bolt – Special 3/8–16 x 1-1/2	17	43	1
106222	Footrest – RH	33	6	1
106223	Footrest – LH	33	7	1
106234	Tank – Fuel	81	17	1
106234	Tank – Fuel	87	13	1
106236	Support – Fuel Tank, RH	33	20	1
106250	Cover – Dust	31	16	1
106257	Rod – Latch	25	2	1
106258	Sleeve 310–8, 312–8, 416–8	25	39	1
106261	Bracket – Belt	31	3	1
106264	Pad – Footrest 310–8	33	*	2
106267	Grommet – Rubber	97	14	1
106269	Bushing	27	4	2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
106269	Bushing	25	16	2
106345	Casting – Height Control	25	37	1
106352	Guard – Lower Belt	33	5	1
106368	Rod – Pivot (312–H)	19	40	1
106369	Shaft (312–H)	19	75	1
106411	Latch Bracket	25	41	1
106414	Retainer	27	5	2
106414	Retainer	25	17	1
106417	Rod – Bell Crank Pivot	17	26	1
106448	Tube – Filler	13	38	1
106449	Pin	103	10	1
106450	Spacer (312–H)	19	80	1
106451	Lever – Parking Brake	17	34	1
106454	Trim – Edge	31	25	1
106522	Chain – Lift	27	10	1
106522	Chain – Lift	25	22	1
106634	Pin – Hitch	23	13	1
106649	Ring – Grip	101	3	1
106661	Cam – Eccentric	9	22	1
106695	Push–On Ring	101	45	1
106719	Drum – Brake	17	1	1
106719	Drum – Brake	21	13	1
106769	Bearing – Needle	101	38	1
106772	Trim – Edge 4	31	11	1
106826	Washer – Thrust	99	28	2
106858	Clamp	83	8	1
106948	Tray – Battery	89	34	1
107069	Clip	33	8	3
107069	Nut – Speed	31	15	6
107374	Washer – Special	13	15	4
107374	Washer – Special, Case	7	66	4
107677	Spring – Brake Return	17	40	1
107691	Spacer	21	5	1
107691	Spacer	97	21	1
107938	Spring	19	37	1
107939	Belt – Drive 416–8	3	*	1
107951	Bracket – Fender Front	33	14	1
107975	Guard – Belt	33	1	
108035	Spring – Clutch Return	17	48	1
108130	Wire – Headlight Ground	95	24	1
108312	Gasket – Case	13	31	1
108315	Tube – Rear Lift Cable	27	19	1
108316	Pulley – Transmission Drive	3		1
108319	Gasket	9	5	1
108323	Base – Oil Filter	9	28	1
108325	Speed Control	9	11	1
108326	Spacer – Pivot, Long	9	15	1
108327	Spacer – Friction, Short	9	16	1
108329	Plate – Control	9	10	1
108333	Cam – Speed Control	9	19	1
108357	Seal	13	10	1
108361	Axle – Rear, LH Short	13	19	1
108362	Axle – Rear, RH Long	13	18	1
108363	Pin – Dowel	13	11	2
108364	Fitting (With 973620 O–Ring)	9	25	1
108365	Elbow (With 973370 O–Ring)	9	27	4
108366	Spacer – Drive Gear	9	3	1
108368	Pump & Motor	9	1	1
108393	Fan 312–H, 416–H	3	15	1
108457	Nut – Push	33	32	1
108464	Support – Fuel Tank, LH	33	19	1
108473	Washer – Wave	19	36	2
108496	Pivot Rod–Motion Control Lever	19	13	1
108501	Belt – Drive (Used on 312–H)	3	*	1
108547	Reflector 310	33	25	2
108563	Lever – Lift	25	1	1
108565	Shaft	25	46	1
108680	Spring	21	11	1
108716	Plate – Cam	19	26	1
108717	Spacer	19	30	1
108758	Knob – Gear Shift	7	54	2
108881	Nut – 3/8–16	13	17	4
108881	Nut – Lock, 3/8–16	9	21	2
108881	Nut 3/8–16 High–Tensile	7	67	4
108897	Bracket – Fender Support	33	18	1
108898	Clamp	87	23	2
108898	Clamp	81	27	2
108903	Clamp – Tube	25	31	1
108903	Tube – Clamp	27	17	1
108904	Rod Control 9 Long	19	11	1
109045	Bulb – Light, All Glass	95		2
109081	Kit – Service Assembly Valve	97	*	1
109088	Kit – Service Assembly Cylinder	97	19	1
109102	Fuse 25 Amp ATO or ATC	89		1
109114	Washer – Special Hub Cap	99	15	2
109154	Hubcap (Used on 310'S & 312S)	99	13	2
109189	Bearing – Upper Steering Shaft	15	24	1
109193	Rivet – Pop 3/16 x .57	33	29	4
109262	Washer – Special	15	32	1
109355	Fuse 15 Amp ATO or ATC	89	12	1
109356	Bushing	21	19	1
109357	Connector – Terminal	91	21	1
109367	Arm – Brake Pivot	21	18	1
109367	Bracket – Brake	13	32	1
109370	Shaft	13	26	1
109371	Band – Brake	21	17	1
109372	Rod – Brake, Front	21	7	1
109377	Tube Assembly	9	26	1
109459	Clamp	95	17	2
109459	Clamp	91	32	2
109494	Retainer – Headlight RH	95	18	1
109495	Retainer – Headlight LH	95	9	1
109500	Fitting – Grease	99	1	2
109530	Nut – Pal	83	4	1
109553	Cover – Terminal	91	4	2
109553	Cover – Terminal	89	28	1
109554	Bracket – Support Belt Guard	33	17	1
109703	Gear Assembly	13	22	1
109742	Gear 20 Tooth	13	28	1
109751	Gear 20 Tooth	9	2	1
109752	Gear 46 Tooth	13	27	1
109842	Bearing – Ball	101	36	1
109910	Cable – Ground, Hood to Frame	89	40	1
109989	Spacer 416's	103	25	4
110124	Hose – Valve To Cylinder 14	97	23	1
110125	Hose – Valve To Cylinder 9	97	11	1
110142	Trim – Edge	31	23	1
110167	Solenoid 310–8, 312–8, 312–H	89	24	1
110234	Bolt 3/8–16 x 3/4 Nylok	17	2	1
110502	Shield – Dirt	89	16	1
110513	Bearing – Ball	99	11	4
110636	Pad – Footrest	33	13	2
110653	Rod – Height Control	25	34	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
110656	Trunnion	101	14	1
110665	Brake Assembly – PTO	101	23	1
110669	Plate – PTO	101	17	1
110725	Lever – Gear Shift	7	74	1
110727	Lever – Shift Hi–Low Range	7	62	1
110768	Dipstick	13	39	1
110769	Spring (312–H)	19	79	1
110780	Handle (312–H)	19	84	1
110831	Plastic Tractor Cover	105	22	1
110920	Spring – Seat 310–8, 312–8,10	3	2	2
110932	Spacer 416's	103	29	4
110933	Tire Assy – LH Cleat Wheel	99		1
110934	Tire Assy – RH Cleat Wheel	99	24	1
110995	Transmission Assy – 8–Speed	5		1
110996	Transmission Assy – 8–Speed	5		1
111034	Plate – Hood Stand 310–8	31	*	1
111052	Rod – PTO Clutch	101	11	1
111069	Cable – Battery (–) To Ground	89	29	1
111069	Cable – Solenoid To Starter	89	26	1
111071	Bumper	103	9	2
111071	Bumper	33	31	2
111074	Cable – Battery (+) To Solenoid	89	27	1
111154	Wire – Lock	25	53	1
111196	Cap – Diff End 312–8, 416–8	7		2
111196	Cap – Differential End	13	12	2
111197	Cap – Diff End 310–8	7	64	2
111198	Case–Trans, LH 312–8, 416–8	5		1
111199	Bearing – Ball 40 mm I.D.	13	4	2
111199	Bearing – Ball 40mm I.D.	5	8	2
111200	Case–Trans, RH 312–8, 416–8	5		1
111201	Case – Transaxle, LH	13	3	1
111203	Case–Trans, LH 310–8	5	2	1
111204	Case–Trans, RH 310–8	5	1	1
111216	Switch – Ignition 416's	89		1
111217	Tube – Suction	9	24	1
111234	Lever – PTO Clutch	101	1	1
111240	Bracket – Engine 310–8, 312–8	101	25	1
111241	Bracket – Engine 312–H	101	*	1
111242	Guide – Belt, Bottom 310–8	3	14	1
111270	Console 310–8	29	4	1
111271	Console 312–8, 416–8	29	*	1
111314	Pin – Locking	101	28	1
111332	Switch – PTO Interlock	89	20	2
111332	Switch – Parking Brake 312–H,	89	69	1
111343	Bushing Assy & Indicator Lens	93	6	5
111351	Harness – Indicator Light	93	11	1
111357	Clip	35	31	1
111359	Nut – Hex (Not used on 310–8)	93	4	2
111386	Plate – Shift Cover	31	*	1
111392	J–Clip	29	23	1
111510	Decal – Parking Brake (Used on	105	4	1
111516	Wheel – Rear 12 x 7	99	9	2
111534	Decal – Hi–Low Shift 310–8,10	5	17	1
111642	Barrier – Switch Insulator	89	13	2
111646	Ring – Grip	15	36	1
111757	Edging – Console	29	22	1
111767	Washer (Not used on 310–8)	93	5	1
111926	Decal – Electrical System	105	24	1
111951	Hubcap (Used on 416)	99	*	2
111952	Washer – Special Hub Cap	99	*	2
111960	Decal – PTO Clutch	105	5	1
112168	Decal – Lift	105	21	1
112185	Body – Connector, Part of 5	89	17	1
112213	Muffler	83	7	1
112214	Choke Control	83	3	1
112358	Hood	29	1	1
112415	Stop – PTO	29	21	1
112426	Pulley – Idler (312'S)	19	43	1
112506	Bracket (Not used on 310–8)	93	13	1
112506	Bracket 312, 416	29	18	1
112564	Lens – Taillight (Not used on	95	5	2
112595	Button	11	10	2
112600	Ring – Retaining	11	53	2
112604	Seal	11	3	2
112608	Pin – Coil	11	21	1
112610	Ball	11	24	2
112611	Ring – Retaining	11	23	2
112613	Plug – ORing	11	48	1
112614	ORing	11	49	1
112616	Screw	11	33	4
112616	Screw	11	54	2
112635	Screw	11	1	1
112636	Bearing – Input	11	2	1
112637	Housing – Pump Assembly	11	4	1
112638	Ring – Seal	11	6	1
112639	Plate	11	7	1
112640	Ring – Seal	11	8	1
112641	Cover Assembly	11	9	1
112642	Pin	11	12	1
112643	Shaft – Input	11	13	1
112644	Ring – Seal	11	14	1
112645	Rotor – Pump	11	15	1
112646	Pintle Assembly	11	22	1
112647	Body – Check Valve	11	25	2
112648	Ball	11	26	1
112649	Spring – Relief Valve	11	27	1
112650	Plug – Relief Valve	11	28	1
112651	Pin	11	29	1
112652	Shield	11	30	1
112653	Ring – Retaining	11	31	1
112654	Ring – Retaining	11	5	2
112654	Ring – Retaining	11	32	2
112656	Roller	11	34	6
112657	Carrier	11	35	1
112658	Seal	11	36	1
112659	Kit – Control Shaft	11	37	1
112660	Insert – Cam Ring	11	40	1
112661	Spring – Acc. Valve	11	41	1
112661	Spring – Acc. Valve	11	42	1
112662	Body – Acc. Valve	11	43	2
112663	Ball	11	44	2
112664	Rotor – Motor	11	45	1
112665	Shaft – Output	11	46	1
112666	Bearing – Output	11	52	1
112667	Kit – Seal, Overhaul	11	55	1
112668	Ring – Cam	11	56	1
112669	Body Assembly	11	50	1
112744	Bracket – Pivot RH	103	16	1
112745	Bracket – Pivot LH	103		1
112841	Cap 310–8, 312–8, 312–H	3	16	1
113010	Hold Down – Battery	89	38	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
113010	Rod – Battery Hold Down	91	12	1
113041	Piston	11	18	2
113107	Clevis	101	29	1
113108	Rod – PTO Housing	101	31	1
113136	Race – Pump	11	16	1
113137	Race – Motor	11	47	1
113179	Nut	95	15	1
113379	Spindle – Front, LH 310–8	15		1
113380	Spindle – Front, RH 310–8	15	7	1
113381	Spindle – Front, LH 416–8	15		1
113382	Spindle – Front, RH 416–8	15		1
113443	Tube – Steering	15	28	1
113445	Bar – Lift	27	14	1
113445	Bar – Lift	25	27	1
113454	Control – Cam	19	57	1
113825	Cable – Battery (+) to	91	2	1
113853	Bracket – Engine 416–8	101	*	1
113874	Bracket – Engine 416–H	101	*	1
113927	Case – Transaxle, RH	13	2	1
113935	Cover – Side, LH	31	13	1
113969	Hook – Battery Hold Down	91	11	2
113969	Hook – Battery Hold Down	89	37	2
114000	Valve – Hydraulic	97	28	1
114017	Clamp – Steel	89	52	1
114052	Harness – Headlight	91	20	1
114131	Bracket – Damper	17	52	1
114210	Cable – Battery Ground (24)	91	1	1
114214	Gasket – Exhaust	35	30	2
114215	Cover – Exhaust, LH	35	22	1
114216	Cover – Exhaust, RH	35	23	1
114217	Deflector – Air	35	21	1
114263	Spring – Seat 416's	103		2
114264	Adjuster – RH (With Latch) 416's	103	23	1
114265	Adjuster – LH 416's	103	24	1
114267	Spring	103	11	1
114343	Spring (Used on 310–8, 312–8	103	36	1
114344	Spacer (Used on 310–8	103	40	2
114345	Bracket	103	41	1
114426	Logo – Hub Cap 6	99	26	2
114427	Logo – Hub Cap 8	99	*	2
114428	Logo – Hub Cap 12	99	27	2
114636	Pipe 3/8 x 3	35	25	1
114720	Tube – Drain	89	39	1
114763	Pipe 3/8 x 4	35	27	1
114764	Elbow – 90_	35	26	1
114813	Pedal – Brake	17	9	1
114814	Pedal – Clutch	17	8	1
114825	PC Board w/Lights (Not used	93	2	1
114877	Guard – Belt 416–8, 416–H	33		1
114881	Facing – Clutch Plate	101	43	1
114895	Belt – Drive 416–H	3	*	1
114951	Control – Choke	87	3	1
115173	Transaxle – Complete	13	1	1
115197	Decal – Attach–A–Matic	105	20	1
115230	Switch – Clutch Interlock,	89	*	1
115392	Control – Throttle	87	1	1
115398	Decal – Maintenance	105	23	1
115411	Support – Switch	89	18	1
115854	Control – Throttle	83	1	1
115877	Battery 416–H	89		1
116000	Bolt – Carriage 5/16–18 x 3/4	33	3	1
116000	Bolt – Carriage 5/16–18 x 3/4	33	9	6
116302	Arm – Control	97	34	1
116305	Bracket – Control Rod	97	4	1
116321	Arm – Control	19	64	1
116324	Rod Assembly	19	74	1
116338	Switch – Ignition	89	1	1
116397	Relay	89	62	1
116407	Rod End	19	10	2
116445	Decal – Parking Brake	105	*	1
116446	Decal – Do Not Tow 312–H	105	7	1
116454	Knob – Choke Control	87	4	1
116454	Knob – Throttle Control	83	2	1
116454	Knob – Throttle Control	87	2	1
116470	Muffler 416	35	24	1
116497	Nut 1/4–20	91	8	6
116497	Nut 1/4–20	89	32	4
116609	Plate	35	1	1
116634	Knob – Hydraulic Lift	97	2	1
116635	Knob – Motion Control Linkage	19	2	1
116636	Fork – Shift Hi–Low Range	7	59	1
116723	Harness – Wiring	93	1	1
116741	Tire Assy – Rear Wheel	99	23	2
116742	Tire – Turf Trac, Rear 23 x	99	7	2
116743	Tire Assy – Rear Wheel 312–8,	99		2
116744	Tire – Turf Trac, Rear 23 x	99	*	2
116745	Rod – Pivot	29	7	1
116746	Bracket – RH	29	10	1
116747	Bracket – LH	29	11	1
116796	Test Switch (Not used	93	3	1
116862	Plate – Hood Stand 416–H	31	*	1
116884	Tire – Turf Trac, Front	99	3	2
117127	Tire – Front 16 x 650–8	99	*	2
117185	Light – Indicator 310–8	93	10	1
117217	Switch – Button (Not used	93	12	1
117242	Decal – Made In USA	105	3	1
117253	Plate – Shift Cover 416–H	31	19	1
117285	Wheel – Front	99	2	2
117289	Tire Assy – Front Wheel	99	25	2
117331	Holder – Fuse	33		1
117337	Steering Wheel 312–8, 312–H,	15	*	1
117341	Latch – Hood	29	2	2
117371	Bolt – Carriage 5/16–18 x 1/2	31	6	4
117377	Harness – Wiring	93		1
117431	Rivet – Pop 1/8 x .232	29	16	2
117432	Rivet – Pop 1/8 x .294	29	3	4
117486	Decal – 8–Speed 310–8	105	18	2
117487	Decal – 8–Speed 312–8	105		2
117488	Decal – HYDRO 312–H	105	19	2
117509	Decal – Front Hood	105	11	1
117511	Decal – HYDRO 416–H	105		2
117513	Decal – 8–Speed 416–8	105		2
117760	Decal – Rear Fender	105	9	1
117930	Latch–Mid Hitch	23	17	1
117940	Rod–Mid Hitch Lock	23	16	1
118280	Holder – Fuse 416–8, 416–H	33	36	1
118540	Decal – Power Plus 416's	105	10	1
118620	Bolt – Carriage 5/16–18 x 3/4	33	33	2
118660	Guide – Control	19	60	1
118860	Knob – Parking Brake Lever	19	21	1
119170	Decal – Lower Dash 310–8	105	15	1
119190	Decal – Lower Dash 312–8	105		1
119200	Decal – Lower Dash 416–8	105		1
119220	Decal – Switch Plate	105	14	1
119340	Cylinder – Hydraulic	97	20	1
120320	Guide – Belt 416	3	17	1
120590	Stop – Throttle	29	17	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
120930	Body – Fuse, Part of 5	89	9	1
121100	Lever – Lift	27	1	1
201327	Screw	77	28	3
518077	Terminal – Part of 5	89	68	2
518104	Terminal	95	10	1
518105	Terminal – Part of 5	89	7	1
518105	Terminal – Part of 5	89	64	1
519337	Clip – Cable	89	63	1
908035	Bolt 3/8–16 x 1–1/4	35	3	4
908035	Bolt 3/8–16 x 1–1/4	35	5	4
908040	Bolt 3/8–16 x 2–1/2	13	33	1
908040	Bolt 3/8–16 x 2–1/2	9	7	1
908138	Bolt 3/8–16 x 3–1/4 (Grade 5)	7	65	4
910331	Screw #10–24 x 3/8	35	20	4
910478	Screw #4–40 x 1–1/4	89	59	2
910756	Screw #4–40 x 1/2	93	14	2
910762	Screw – Black #6–32 x 3/8	29	20	4
910792	Screw #10–24 x 1/2	87	5	4
910792	Screw – Black #10–24 x 1/2	83	5	2
910794	Screw #10–24 x 3/4	89		1
910794	Screw – Machine #10–24 x 3/4	33	34	2
910808	Screw #10–32 x 5/8	33	26	4
910808	Screw #10–32 x 5/8 (Optional,	95	4	4
910837	Screw – Black 1/4–20 x 5/8	31	14	6
910837	Screw 1/4–20 x 5/8	33	2	2
910837	Screw 1/4–20 x 5/8	31	24	1
910865	Screw 5/16–18 x 3/4 416's	103	26	4
910948	Screw #4–40 x 3/4 312–8,	89	71	2
911423	Bolt 3/8–16 x 3–1/2 (Grade 8)	7		4
911423	Bolt 3/8–16 x 3–1/2 Grade 8	13	16	4
911458	Bolt 1/4–20 x 1–1/2	19	53	2
911747	Screw #10–24 x 1–1/4 (312–H)	19	83	1
913464	Bolt 5/16–18 x 7/8	103	17	4
915002	Nut 3/8–24	15	39	1
915035	Nut – Slotted 3/4–16	15	37	1
915551	Nut #10–32 (Optional,	95	27	4
915553	Nut 3/8–16	35	4	4
915693	Nut 3/8–24	15	11	4
915732	Nut #4–40	93	15	2
915732	Nut #4–40	89	60	2
915732	Nut – Hex #4–40 312–8	89	70	2
915740	Nut #10–24 310, 312	33	35	4
915740	Nut – Lock #10–24	83	6	2
915740	Nut – Lock #10–24	87	6	4
915962	Nut – Hex	89	54	1
920008	Washer 5/16 SAE	33	24	4
920120	Washer – Lock	89	53	1
920150	Washer – Lock Int. #6	29	19	4
920160	Washer – Lock Int. 5/8	89	2	1
920225	Washer – Special	17	49	1
920248	Washer – Nylon 3/8	17	19	3
920248	Washer – Nylon 3/8	17	30	2
920259	Washer – Special	95	14	1
920262	Washer – Special	89	48	1
926671	Bolt 1/4–20 x 1/2 ST	95	12	2
926671	Bolt 1/4–20 x 1/2 ST	89	19	1
926671	Hex – Bolt 1/4–20 x 1/2 ST	91	33	2
926694	Bolt – Washer Hd ST	29	5	3
926694	Bolt 5/16–18 x 5/8 S.T.	19	14	1
926694	Bolt 5/16–18 x 5/8 ST	31	4	1
926694	Bolt 5/16–18 x 5/8 ST	33	4	1
926694	Bolt 5/16–18 x 5/8 ST	31	10	1
926694	Bolt 5/16–18 x 5/8 ST	31	12	4
926694	Bolt 5/16–18 x 5/8 ST	31	17	4
926694	Bolt 5/16–18 x 5/8 ST	33	23	4
926694	Bolt 5/16–18 x 5/8 ST	17	27	1
926694	Bolt 5/16–18 x 5/8 ST	25	42	1
926696	Bolt 5/16–18 x 7/8 ST	31	*	2
926696	Bolt 5/16–18 x 7/8 ST	25	45	2
926697	Bolt 5/16–18 x 1	81	20	2
926697	Bolt 5/16–18 x 1 ST	87	16	2
932000	Pin – Cotter 1/16 x 1/2	29	9	2
932000	Pin – Cotter 1/16 x 1/2	97	31	2
932120	Pin – Clevis 1/4 SAE	97	30	1
932997	Pin – Clevis 1/2 x 1/4	97	17	1
933135	Pin – Spirol 3/32 x 5/8	19	59	1
933148	Pin – Spirol 1/8 x 1/2	25	5	1
933156	Pin – Spirol 1/8 x 1	5	34	2
933184	Pin – Spirol 3/16 x 3/4	7	63	1
933190	Pin – Spirol 3/16 x 1–1/4	17	17	1
933198	Pin – Spirol 7/32 x 7/8	19	68	1
933198	Pin – Spirol 7/32 x 7/8*	97	33	1
933267	Pin – Spirol 5/32 x 1–1/4	17	50	1
933274	Pin – Spirol 5/32 x 1–3/8	101	30	1
933504	Pin – Cotter	25	21	1
933505	Pin – Cotter	27	9	1
933505	Pin – Cotter	101	20	1
933505	Pin – Cotter	27	21	1
933505	Pin – Cotter	25	54	1
933505	Pin–Cotter	23	14	1
933506	Pin – Cotter	101	32	1
933507	Pin – Cotter	27	2	2
933507	Pin – Cotter	25	14	2
936032	Ring – Snap 1–3/4 Internal	101	35	1
937097	Key – Woodruff 1/4 x 1 310–8*	99		2
937099	Key – Woodruff 3/16 x 1–1/8	13	29	1
937108	Key – Woodruff 1/4 x 1–3/8	99	21	2
937221	Key – Hi–Pro 5/32 x 5/8	3	4	1
950154	Clamp 1/2 (1.3 cm) Dia	81	28	2
950154	Clamp 1/2 (13 cm) Dia.	87	24	2
960152	Bolt – Whizlock 1/40–20 x 5/8	89	25	2
973310	O–Ring	97	10	2
973370	O–Ring	97	13	4
979120	Spacer	23	11	2
KH10009	Gasket – Flange	39		
KH10010	Clip – Hi–Tension	59	18	1
KH10015	Guide – Valve	47	6	2
KH10018	Retainer – Spring 310, 312	45	9	1
KH10028	Insert – Exhaust Valve	47	7	1
KH10034	Seal	43	6	1
KH10034	Seal	37	7	1
KH10035	Pin – Governor Stop	57	3	1
KH10040	Screw	57	47	1
KH10049	Bearing – Governor Cross Shaft	47	8	1
KH10052	Valve – Intake 310, 312	45	6	1
KH10053	Spring – Intake Valve 312	45	8	1
KH10053	Spring 310	45	14	1
KH10054	Retainer – Upper Spring	45	7	2
KH10055	Gasket	47	16	1
KH10056	Plug – Spark	59	17	1
KH10057	Reed	43	3	1
KH10058	Gasket	43	1	1
KH10059	Gasket	49	8	1
KH10061	Shaft – Governor Gear 312	47	2	1
KH10062	Spring – Intake Valve 310	45	*	1
KH10062	Spring 312	45		1
KH10063	Set – Ring, Std. & .003 310	51	1	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
KH10064	Set – Ring .010 310	51		1
KH10065	Set – Ring .020 310	51		1
KH10066	Set – Ring .030 310	51		1
KH10067	Ball Bearing	47	3	2
KH10070	Bushing	57	22	1
KH10072	Plate	43	2	1
KH10074	Valve – Exhaust 310, 31S	45	5	1
KH10081	Shaft – Balance Gear 312	47	18	1
KH10082	Connector	59	16	1
KH10087	Washer	57	24	1
KH10088	Gasket	49	6	1
KH10091	Kit – Stator 15 amp	59	9	1
KH10093	Gasket	39	20	1
KH10093	Gasket – Bowl Screen	39		
KH10094	Gasket	39	17	1
KH10094	Gasket– Bowl	39		
KH10107	Screw – Hex. Hd. 1/4–20 x 5/8	55	14	4
KH10108	Screw 3/8–24 x 1–1/8	55	10	1
KH10109	Screw – Idle Speed Adj.	39	14	1
KH10110	Screw	39	2	4
KH10112	Spacer 17/64 I.D., 3/8 O.D.	55	12	4
KH10112	Spring – Idle Fuel	39	10	1
KH10113	Spring	39	5	1
KH10114	Spring – Adj.	39	13	1
KH10116	Screw	39	21	1
KH10117	Bowl – Fuel	39	19	1
KH10119	Decal – Float Switch	49	*	1
KH10121	Plate – Throttle	39	8	1
KH10123	Connector – 90°	81	35	2
KH10124	Fan	55	13	1
KH10126	Screen	55	15	1
KH10128	Ball	39	4	1
KH10130	Line – Fuel	81	34	1
KH10132	Needle – Idle Fuel Adj.	39	9	1
KH10134	Sleeve	49	12	1
KH10135	Tag – Caution	53	*	1
KH10136	Washer	57	25	1
KH10138	Kit – Float Switch	49	11	1
KH10143	Baffle	43	4	1
KH10144	Screw 3/8–16 x 1–1/2	47	22	8
KH10145	Washer 3/8	47	21	9
KH10146	Gasket	39		
KH10146	Gasket – Carburetor	39		
KH10147	Spacer .005	45	3	1
KH10148	Spacer .010	45	*	1
KH10149	Gasket	43	7	1
KH10150	Stud 1/4–20 x 3–1/4	43	9	1
KH10152	Washer*	57	41	2
KH10181	Bolt 1/4–20 x 5–1/16	53	7	2
KH10187	Starter Assembly	53	1	1
KH10189	Nut	37	3	1
KH10191	Decal – Air Cleaner	37	*	1
KH10191	Decal – Air Cleaner/Lub	105	30	1
KH10201	O–Ring	49	2	1
KH10209	Cap – Drive End	53	11	1
KH10210	End Cap Assembly	53	8	1
KH10215	Regulator – Rectifier	59	14	2
KH10221	Kit – Retainer	45	10	2
KH10231	Baffle – Head 312	41		1
KH10235	Element – Precleaner	37	5	1
KH10236	Element	37	6	1
KH10244	Brace – Starter Tail	53	2	1
KH10247	Armature	53	10	1
KH10248	Pan – Oil	49	7	1
KH10258	Gasket Set w/o Seals	49	*	1
KH10259	Camshaft Assy	45	1	1
KH10260	Head – Cylinder 310	47		1
KH10261	Head – Cylinder 312	47	19	1
KH10262	Retainer – Piston Pin	51	3	2
KH10263	Flywheel	55	1	1
KH10265	Housing – Blower	41	7	1
KH10266	Adapter – Oil Fill	49	4	1
KH10268	Seal	47	12	1
KH10269	Seal	47	4	1
KH10270	Dipstick 15–5/8	49	1	1
KH10272	Gasket	47	9	1
KH10274	Gasket	39		1
KH10274	Gasket – Carburetor	39		
KH10275	Filter	43	5	1
KH10278	Elbow	83	16	1
KH10279	Baffle – Side Air	41	9	1
KH10280	Baffle – Inner	41	6	1
KH10281	Baffle – Head 310	41	1	1
KH10282	Baffle – Cylinder	41	5	1
KH10285	Rod – Connecting Std. 310	51	4	1
KH10286	Rod – Connecting .010 310	51		1
KH10287	Linkage – Choke (Carb. to	57	32	1
KH10289	Screw – Pozidriv T.H.	41	3	3
KH10290	Screw 3/8–16 x 1	47	24	1
KH10291	Choke Lever Assembly	57	*	1
KH10292	Spring	45	2	1
KH10293	Lever – Choke Control	57	42	1
KH10294	Lever – Throttle Control	57	43	1
KH10295	Lever – Governor	57	27	1
KH10296	Spring (Governor to Carb.)	57	31	1
KH10297	Base – Air Cleaner	37	9	1
KH10298	Cover	43	8	1
KH10299	Cover	37	2	1
KH10302	Spacer 23/64 O.D., 13/16	57	44	1
KH10303	Bracket – Clutch Control	57	48	1
KH10304	Bracket – Solenoid	53	*	1
KH10304	Bracket – Starter	53	5	1
KH10305	Kit – Crankshaft	45	16	1
KH10308	Clamp	57	49	1
KH10309	Hose 3–11/32	43	11	1
KH10310	Pin – Camshaft	45	4	1
KH10311	Gasket	47	10	X
KH10312	Strap – Lifting	47	23	1
KH10313	Lead – Violet, Regulator	59	*	1
KH10314	Lead – White, Module to	59	*	1
KH10315	Lead – White w/Diode, Svc.	59	*	1
KH10316	Short Block – 310	47		1
KH10319	Pump Assy – Fuel	81	29	1
KH10321	Module – Ignition	59	1	1
KH10322	Kit – Spacer	45	19	2
KH10323	Kit – Drive	53	12	1
KH10324	Kit – Drive Parts	53	13	1
KH10325	Gasket Set w/Seals 310'S	49	*	1
KH10326	Minniblock – 310	47		1
KH10329	Piston w/Ring Set Std. 310	51	2	1
KH10330	Piston w/Ring Set .003 310	51		1
KH10331	Piston w/Ring Set .010 310	51		1
KH10332	Piston w/Ring Set .020 310	51		1
KH10333	Piston w/Ring Set .030 310	51		1
KH10344	Clamp – Cable	83	10	1
KH10344	Clip	59	*	1
KH10345	Connector	59	11	1
KH10345	Connector – Female	49	*	1
KH10358	Kit – Choke & Throttle Repair	39	*	1
KH10412	Cover – Air Cleaner Element	37	4	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
KH10413	Screw – Hex .Hd.	41	4	6
KH10496	Rotator – Valve	45	13	2
KH10515	Kit – Brush	53	9	1
KH10535	Nut – Lock	83	15	1
KH10538	Kit – Governor Cross Shaft	57	26	1
KH10539	Tappet – Exhaust Valve	45	12	1
KH10539	Tappet – Intake Valve	45	11	1
KH10541	Screw #10–24 x 1/2	49	5	3
KH10543	Screw 1/4–20 x 1	59	15	2
KH10545	Screw 1/4–20 x 1/2	47	14	4
KH10545	Screw 1/4–20 x 1/2	57	34	1
KH10548	Screw #10–24 x 7/8	59	3	2
KH10549	Screw 3/8–16 x 1	53	*	1
KH10549	Screw 3/8–16 x 1	53	6	2
KH10549	Screw 3/8–16 x 1	47	13	4
KH10550	Screw 3/8–16 x 1–1/4	49	9	4
KH10552	Screw – Pozidrive	81	32	2
KH10556	Washer – Lock 1/4*	57	38	1
KH10562	Plug (310, 312)	47	5	1
KH10567	Washer 1/4	41	2	1
KH10569	Washer 1/4	81	31	2
KH10569	Washer 1/4*	57	39	1
KH10570	Washer – Flat 1/4	59	7	1
KH10570	Washer 1/4	59	*	1
KH10570	Washer 1/4	83	17	1
KH10570	Washer 1/4	57	35	1
KH10572	Washer #10	59	2	2
KH10574	Retainer 312	45	20	1
KH10576	Nut – Wing 1/4–20	37	1	1
KH10585	Spacer	57	23	1
KH10586	Clamp	81	33	2
KH10588	Key – Woodruff 3/16 x 1	55	11	1
KH10600	Screw 1/4–20 x 1–1/2*	57	37	1
KH10605	Screw #10–24 x 1	57	45	1
KH10605	Screw – Pozidrive	59	10	4
KH10606	Screw – Hex. Hd. #8–32 x 3/8	59	4	1
KH10607	Screw – Hex. Hd. 1/4–20 x 3/4	53	3	1
KH10609	Screw 10/32 x 11/32	37	8	3
KH10610	Screw – Hex. Hd. 1/4–20 x	83	11	1
KH10610	Screw – Hex. Hd. 1/4–20 x 3/8	53	4	1
KH10610	Screw 1/4–20 x 7/16	59	6	1
KH10615	Plug 5/16 O.D. 310 (310 only)	47	17	1
KH10617	Plug – Cup 1/2 O.D.	45	15	1
KH10618	Clip	59	5	1
KH10619	Nut #8–32	57	50	1
KH10620	Plug 3/8 NPTF	49	10	4
KH10624	Nut 1/4–20*	57	40	1
KH10626	Screw 1/4–20 x 1/2	57	28	1
KH10629	Nut – Pal 1/4–20	57	8	1
KH10629	Palnut 1/4–20	43	10	1
KH10655	Kit – Crankshaft	45	*	1
KH10660	Kit – Governor Gear	57	1	1
KH10661	Cover	47	15	1
KH10663	Kit – Float	39	18	1
KH10666	Washer 13/32 I.D., 1–3/8	55	9	1
KH10668	Bushing	57	29	1
KH10672	Carburetor Assembly	39	1	1
KH10674	Kit – Carburetor w/Linkage	39	*	
KH10677	Gasket – Air Cleaner	39		
KH10682	Bushing	39		
KH10682	Bushing	39		
KH10682	Bushing – Linkage Natural	39		
KH10686	Bushing – Linkage Black	39		
KH10686	Bushing	57	33	1
KH10687	Plate – Bearing	47	11	1
KH10691	Short Block – 312	47		1
KH10693	Carburetor Assembly	39		
KH10693	Kit – Adjustable Jet w/Linkage	39	*	
KH10695	Washer	57	46	1
KH10696	Kit – Carburetor Repair	39	*	
KH10697	Gasket	37	10	1
KH10697	Gasket	39		
KH10697	Gasket – Air Cleaner	39		
KH10698	Rod – Connecting Std. 312	51		1
KH10699	Rod – Connecting .010 312	51		1
KH10700	Gasket	47	20	1
KH10701	Carburetor Linkage	39		
KH10702	Shaft – Choke	39	15	1
KH10703	Set – Ring, Std. & .003 312	51		1
KH10704	Set – Ring .010 312	51		1
KH10705	Set – Ring .020 312	51		1
KH10706	Set – Ring .030 312	51		1
KH10707	Shaft w/Lever & Seal	39	7	1
KH10708	Plate – Choke	39	3	1
KH10709	Jet – Main	39		1
KH10709	Main Jet	39		1
KH10710	Kit – High Altitude Jet	39	*	
KH10711	Piston w/Ring Set Std. 312	51		1
KH10712	Piston w/Ring Set .003 312	51		1
KH10713	Piston w/Ring Set .010 312	51		1
KH10714	Piston w/Ring Set .020 312	51		1
KH10715	Piston w/Ring Set .030 312	51		1
KH10721	Minniblock – 312	47		1
KH10733	Gasket	39		
NN1050	Carburetor (Includes Mounting	73	141	
NN0980	Capacitor (300 VD)	71	20	1
NN10003	Bearing – Crankshaft, Front,	61	15	1
NN10004	Bearing – Crankshaft, Front	61		1
NN10005	Bearing – Crankshaft, Front	61		1
NN10006	Bearing – Crankshaft, Front	61		1
NN10007	Bearing – Crankshaft, Front	61		1
NN10010	Bearing – Crankshaft, Rear	61		1
NN10012	Bearing – Crankshaft, Rear	61		1
NN10013	Bearing – Crankshaft, Rear	61		1
NN10018	Base – Oil	65	1	1
NN10021	Screw	63	16	1
NN10030	Washer	63	13	1
NN10032	Camshaft	63	11	1
NN10035	Insert – Intake Seat, Standard	61	14	2
NN10036	Insert – Intake Seat .002	61		2
NN10037	Insert – Intake Seat .005	61		2
NN10038	Insert – Intake Seat .010	61		2
NN10039	Insert – Intake Seat .025	61		2
NN10054	Insert – Exhaust Seat, Std.	61	13	2
NN10055	Insert – Exhaust Seat .002	61		2
NN10056	Insert – Exhaust Seat .005	61		2
NN10057	Insert – Exhaust Seat .010	61		2
NN10058	Insert – Exhaust Seat .025	61		2
NN10070	Gasket	61	36	2
NN10075	Valve – Exhaust	61	29	2
NN10075	Valve – Intake	61	28	2
NN10077	Spring	61	31	4
NN10078	Washer	61	38	4
NN10079	Head – Left Cylinder	61		1
NN10080	Head – Right Cylinder	61	37	1
NN10082	Lock – Spring	61	32	8
NN10100	Piston Pin	61	55	2
NN10120	Bolt – Special Rod	61	59	4
NN10125	Rod w/Bolts & Nuts – STD	61	58	2
NN10126	Rod w/Bolts & Nuts – .010	61		2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
NN10127	Rod w/Bolts & Nuts – .020	61		2
NN10128	Rod w/Bolts & Nuts – .030	61		2
NN10129	Tappet – Standard	61	27	4
NN10130	Tappet .002 Oversize	61		4
NN10131	Tappet .004 Oversize	61		4
NN10133	Spring	61	52	1
NN10134	Pump – Oil, Gasket Kit	61	47	1
NN10135	Plunger	61	53	1
NN10136	Pump – Oil, Complete	61	46	1
NN10138	Cup – Oil Pump Intake	65	8	1
NN10143	Filter – Oil	67	7	1
NN10159	Cap – Oil Fill & Indicator	65	9	1
NN10171	Flywheel	63	15	1
NN10174	Element – Air Cleaner	71	4	1
NN10176	Element – Foam	71	3	1
NN10187	Tube – Air Intake	71	11	1
NN10199	Jet – Power	75	6	1
NN10201	Jet – Idle	75	5	1
NN10207	Kit – Choke Shaft	75	7	1
NN10209	Kit – Float	75	1	1
NN10214	Pin	63	14	1
NN10215	Ring – Retaining	63	6	1
NN10217	Spring – Governor, 5 Ball	77	11	1
NN10218	Bushing	77	20	1
NN10219	Spring	77	16	1
NN10221	Hub – Governor Cup	63	7	1
NN10222	Cup – Governor	63	8	1
NN10245	Battery Ignition Coil – w/Nuts	69	31	1
NN10247	Rotor – Ignition	69	32	1
NN10248	Nut	69	36	1
NN10249	Nut	69	39	1
NN10261	Regulator – Voltage 20 amp	69	28	1
NN10266	Kit – Starter Shift Lever	79	7	1
NN10277	Fuse 30 Amp ATO or ATC	89		1
NN10278	Connector – Terminal, Male	291	19	1
NN10279	Contact – Socket	91	30	1
NN10281	Connector – Terminal, Male	991	29	1
NN10289	Clamp	77	6	1
NN10289	Clamp	77	9	1
NN10290	Terminal – Stator Leads	69	18	3
NN10294	Harness – Engine Wiring	91	16	1
NN10296	Bracket – Lifting	77	56	2
NN10302	Line – Fuel 12	87	25	3
NN10309	Grommet – 3/4 Hole	71	16	1
NN10320	Swivel – Throttle Control	77	30	1
NN10323	Ring – Oil	65	10	1
NN10326	Seal	61	33	2
NN10327	Bearing	69	8	1
NN10330	Key	63	5	1
NN10334	Pin – Stop	61	11	4
NN10335	Pin – Dowel	69	6	1
NN10336	Pin	61	20	2
NN10345	Retaining Ring	61	56	4
NN10348	Clip	91	26	1
NN10348	Clip – Fuel Line	73	9	1
NN10348	Clip – Wire	87	28	1
NN10348	Clip – Wire	69	37	1
NN10348	Clip – Wire	77	55	1
NN10352	Stud – Gear Cover	69	14	1
NN10355	Washer 7/16	63	18	1
NN10356	Washer – Flat 1/4	77	10	1
NN10357	Washer – Flat 1/4	77	19	1
NN10359	Washer 1/4	61	42	2
NN10361	Washer 3/8	61	51	1
NN10362	Washer – Flat 5/16	73	15	1
NN10370	Bolt 1/4–20 x 1–3/4	61	30	2
NN10373	Screw 5/16–18 x 1	67	3	2
NN10375	Screw – Hex. Hd. 5/16 x 2	73	8	4
NN10379	Screw 3/8–16 x 3–3/4	65	4	4
NN10381	Bolt – Special 2 Long	61	41	10
NN10385	Screw 3/8–16 x 5/8	61	34	2
NN10390	Screw – Hex. Hd. #10–32 x 5/8	71	22	1
NN10393	Screw 1/4–20 x 5/8	77	8	4
NN10394	Screw – Hex. Hd. #10–32 x 3/8	69	24	2
NN10395	Screw #10–32 x 1/2	77	14	1
NN10399	Screw 1/4–10 x 1/2	91	27	1
NN10408	Screw – Hex. Hd. 1/4–20 x	169	41	2
NN10409	Screw #10–24 x 3/8	63	19	6
NN10410	Screw #8–32 x .375	85	9	1
NN10410	Screw – Machine	77	32	1
NN10412	Screw #10–32 x 1–1/4	85	5	1
NN10414	Screw – Hex. Hd.	69	27	1
NN10414	Screw 1/4–20 x 5/16	77	38	4
NN10425	Washer – Internal Tooth 1/4	91	28	1
NN10426	Nut 5/6–18	69	16	1
NN10428	Nut	61	60	4
NN10438	Gear	63	4	1
NN10439	Washer	63	3	1
NN10444	Control – Ignition	69	22	1
NN10465	Wrench	67	8	1
NN10478	Guide – Intake Valve	61		2
NN10479	Guide – Exhaust Valve	61	16	2
NN10506	Filter – Fuel	87	7	1
NN10515	Cover – Ignition Plunger	69	30	1
NN10516	Indicator – Ignition Module	69	42	1
NN10518	Stator w/Terminals	69	17	1
NN10554	Gasket	61	7	1
NN10690	Seal	65	13	1
NN10768	Nut	79	10	1
NN10784	Screw #10–32 x 7/8	85	11	1
NN10809	Kit – Choke Lever	75	8	1
NN10810	Kit – Fixed Jet	75	4	1
NN10811	Kit – Throttle Shaft	75	9	1
NN10821	Cover – Valve	61	25	2
NN10824	Switch – Low Oil Pressure	91	3	1
NN10824	Switch – Oil Pressure	67	10	1
NN10826	Governor Shaft &	69	3	1
NN10825	Kit – Gearcase		691	1
NN10830	Plug	85	7	1
NN10832	Bracket	77	41	1
NN10853	Crankshaft	63	1	1
NN10854	Tube – Oil Fill, Chrome	65	12	1
NN10858	Hose – Fuel	73	16	1
NN10862	Housing – Blower	77	1	1
NN10877	Spring – Governor Rod	73	20	1
NN10883	Kit – Starter Brush	79	11	1
NN10884	Clutch – Starter	79	6	1
NN10885	Starter Hdwr Kit	79	1	1
NN10886	Seal – Dust	79	5	1
NN10887	Kit – Starter Solenoid	79	8	1
NN10894	Drain – Oil Filter	67	4	1
NN10895	Gasket	69	10	1
NN10929	Holder – Starter Brush	79	13	1
NN10930	Cap – Starter Solenoid	79	9	1
25–3603	Main – Needle	39	16	1
38–1420	Switch – Seat	89	14	1
55–3570	Cap – Fuel	87	14	1
55–3570	Fuel Cap & Gauge	81	18	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
57-8000	Seal - Oil	61	10	1
57-8050	Bearing - Crankshaft, Rear,	61	5	1
57-8060	Bearing - Crankshaft, Rear	61		1
57-8090	Gasket	65	2	1
57-8160	Bearing - Camshaft	61	9	2
57-8160	Washer - Thrust	61	6	2
57-8170	Shim 0.005	61	4	X
57-8180	Gear - Ring	63	22	1
57-8210	Camshaft Gear	63	12	1
57-8280	Gasket	61	26	2
57-8580	Breather - Baffle	61	22	1
57-9080	Pump - Fuel	87	26	1
57-9170	Swivel - Choke Lever	85	8	1
57-9180	Link - Choke	85	3	1
57-9190	Clamp - Cable	77	12	1
57-9190	Clamp - Throttle Cable	77	23	1
57-9190	Clip	85	12	1
57-9340	Plug - Spark	69	33	2
57-9550	Clamp	69	19	1
57-9550	Clamp - Hose 7/16	87	8	1
57-9570	Seal - Oil	69	7	1
57-9580	Seal - Oil	69	9	1
57-9620	O-Ring	73	14	1
57-9640	Ball	63	9	1
57-9650	Bearing	69	2	1
57-9660	Key	63	10	1
57-9690	Plug	61	2	1
57-9700	Clip - Retaining, Rod to	73	12	1
57-9710	Ring - Retaining	63	2	1
57-9730	Clip - Retaining	69	26	1
57-9750	Washer 5/16	67	2	2
57-9750	Washer 5/16	69	12	5
57-9770	Washer - Flat 1/4	61	40	18
57-9770	Washer - Flat 5/16	79	3	2
59-0290	Tube - Oil	61	12	1
59-0360	Tube - Vacuum Port	69	13	1
59-0370	Cap	69	20	1
59-0370	Cap - Fuel Fitting	87	9	1
59-0420	Yoke	69	4	1
59-0460	Lever - Choke	85	2	1
59-0470	Bracket	85	4	1
59-0720	Pin - Cotter	85	10	1
59-0720	Pin - Cotter	77	31	1
59-0830	Washer - Flat 1/4	77	25	1
59-0850	Washer #10	85	1	2
59-0880	Bolt 3/8-16 x 1-1/4	61	3	5
59-0910	Bolt 3/8-24 x 7/8	61	50	1
59-0950	Screw #8-32 x 3/8	69	5	1
59-0970	Screw 1/4-20 x 7/16	77	2	1
59-0980	Screw 1/4-20 x 5/8	77	5	1
59-1000	Screw 10-32 x 1/2	77	22	1
59-1030	Screw #6-32 x 5/8	77	15	1
59-1050	Screw #10-24 x 5/8	87	27	2
59-1050	Screw 10-32 x 1/2	77	35	2
59-1080	Bushing - Black Nylon	77	37	1
59-1100	Screw 1/4-20 x 1/2	77	18	2
62-2730	Kit - Bushing	79	12	1
62-7770	Key - Ignition, Padded	89	4	1
71-5830	Cap - Valve	61	44	4
71-5980	Gasket	73	10	2
71-6040	Starter, Complete - See	79	2	1
71-6290	Kit - Engine Gasket	61	45	1
72-0850	Gasket	73	2	1
78-0020	Meter - Hour, Complete	89	51	1
78-0080	Clamp - Voltmeter, Back	89	22	1
78-0370	Insert - Steering Wheel	15	40*	1
78-1540	Bracket - Control, Lower	19	62	1
78-1550	Bellcrank	27	7	1
78-1550	Bellcrank	25	19	1
78-1650	Tire Assy - Front Wheel	99	*	2
78-1660	Wheel - Front	99	*	2
78-2680	Frame	2	1	1
78-2880	Shaft - Lower Steering	15	15	1
78-2900	Tie Rod	15	10	2
78-2920	Joint - Ball	15	38	1
78-2970	Arm - Clutch Idler	17	16	1
78-2990	Plate - Seat Pivot	103	8	1
78-3000	Bracket - Battery Support	31	*	1
78-3010	Bracket - Battery Support	31	5	1
78-3020	Plate - Front	31	9	1
78-3100	Steering Wheel 310-8	15	30	1
78-3240	Spring (Used on 416-8 Only)	103		1
78-3240	Spring - Gas	17	53	1
78-3250	Spacer	17	60	1
78-3250	Spacer (Used on 416-8 Only)	103		1
78-3260	Spacer	17	55	1
78-5610	Console 312-H, 416-H	29	*	1
78-5620	Plate - Hood Stand 312-H	31	20	1
78-5631	Bracket - Control	19	61	1
78-5640	Bar - Lift	97	32	1
78-5660	Lever - Motion Control	19	1	1
78-5670	Rod - Lift Control	97	1	1
78-6020	Rod - Pivot (416-H)	19	*	1
78-7020	Harness Assy - Wiring 312-H	89	*	1
78-7100	Belt - Drive (Used on	3	6	1
78-7190	Decal - Lower Dash 312-H	105		1
78-7270	Decal - Lower Dash 416-H	105		1
78-8110	Plate - Shift Cover 312-H	31	*	1
78-8500	Lever - Parking Brake	19	20	1
78-9130	Decal - Cold Start (Used on	105	31	1
78-9160	Seat 310-8	103		1
79-0060	Voltmeter	89	21	1
79-0370	Decal - Danger	105	27	1
79-0670	Seat 312-8, 416-8	103		1
79-3580	Harness Assy - Wiring 310-8	89	5	1
79-1350	Pedal - Brake/Return	21	1	1
79-3590	Harness Assy - Wiring 312-8	89	*	1
79-3600	Harness Assy - Wiring 416-8	89	*	1
79-3620	Harness Assy - Wiring 416-H	89	*	1
79-3670	Seat (Used on 312-H & 416-H)	103	1	
79-6350	Knob - Toolless	71	29	1
79-4450	Decal - Hood RH 310-8,	105	1	1
79-4460	Decal - Hood LH 310-8,	105	2	1
79-4640	Decal - Hood RH 416-8	105		1
79-4650	Decal - Hood LH 416-8	105		1
79-4660	Decal - Hood RH 416-H	105		1
79-4670	Decal - Hood LH 416-H	105		1
79-4900	Hoodstand	31	1	1
79-5130	Cover - Side, LH	31	*	1
79-5270	Filter - Oil	9	32	1
79-6320	Cover - Air Cleaner	71	2	1
79-6330	Housing - Air Cleaner	71	6	1
79-6340	Support - Air Cleaner	71	14	1
79-6360	Bracket	77	13	1
79-6390	Bracket - Governor Control	77	24	1
79-6400	Bushing - Governor Control	77	29	1
79-6410	Link - Governor Control	77	33	1
79-6420	Adapter - Governor Arm	77	34	1
79-6440	Screen	63	21	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
79-6460	Bracket	65	11	1
79-6470	Gasket	67	6	1
79-6490	Gasket - Plate	69	29	1
79-6520	Spacer	71	23	1
79-6580	Screw - Cap 5/16-18 x 3-1/2	79	4	2
82-0020	Plate - Bearing	61	8	1
82-0500	Adapter - Oil Filter	67	1	1
82-0530	Clamp	61	21	1
82-0540	Tube - Baffle Breather	61	65	1
82-0550	Breather Cap & Valve	61	64	1
82-0560	Screen	61	66	2
82-0570	Seal	61	23	1
82-0620	Guard - Stationary	77	39	1
82-0680	Gasket	67	9	1
82-0780	Kit - Repair	75	2	1
82-0850	Gasket - Carburetor	75	3	1
82-0930	Screw 1/4-20 x 1/2	77	42	2
82-1000	Kit - Terminal Connector	69	21	1
82-1080	Clamp - Hose 1/2	87	10	7
82-1090	Clamp - Hose	73	19	1
82-1120	Hose - Breather	73	17	1
82-1130	Plug - Sq Hd 3/8	65	5	2
82-1150	Key	63	23	1
82-1310	Washer - Lock 3/8	65	3	4
82-1320	Washer 7/16	63	17	1
82-1340	Cable - Spark Plug 18 Long	69	34	1
82-1340	Washer - Flat	61	48	2
82-1340	Washer - Flat (M6)	69	35	2
82-1350	Washer - Flat	73	4	4
82-1360	Screw - Hex. Hd. 1/4-20 x 5/8	69	38	1
82-1370	Screw 1/4-20 x 1	77	27	1
82-1400	Screw 5/16-18 x 1/2	63	20	4
82-1410	Washer - Flat	73	6	2
82-1410	Screw - Hex. Hd.	73	7	2
82-1410	Screw - Hex. Hd.	69	40	1
82-1410	Screw 5/16-18 1-3/4	69	11	4
82-1450	Screw 1/4-14 x 1/2	73	11	2
82-1480	Screw #8 x 3/4	61	39	1
82-1500	Screw - Hex. Hd. #10-32 x 1	69	23	3
82-1510	Screw #10-32 x 3/8	67	5	2
82-1550	Screw - Hex. Hd. 1/4-20 x 3/8	71	7	2
82-1560	Screw #10 x 1-1/4	65	14	1
82-1590	Screw 1/4-20 x 3/8	77	49	4
82-1600	Screw 5/16-18 x 3/4	77	7	2
82-1620	Washer - Lock	77	26	1
82-1640	Washer - Spring 3/8	61	19	5
82-1660	Washer - Lock IT #10	69	25	2
82-1690	Nut - Flange 5/16-18	71	5	1
82-1700	Nut - Speed	65	15	1
83-6520	Rod - Lock	23	18	1
86-9280	Tube - Hydraulic	97	24	1
86-9290	Tube - Hydraulic	97	15	1
87-1370	Bolt 1/4-20 x 1	61	49	2
88-0020	Decal - Rear Hood Danger	105	16	1
88-2710	Support - Steering	15	19	1
92-0900	Block - Short	61	1	1
92-0901	Piston Pin & Retaining	61	54	2
92-0902	Piston Pin & Retaining	61	*	2
92-0903	Piston Pin & Retaining	61	*	2
92-0904	Piston Pin & Retaining	61	*	2
92-0905	Set - Piston Ring, Standard	61	57	2
92-0906	Set - Piston Ring .005 Oversize	61		2
92-0907	Set - Piston Ring .010 Oversize	61		2
92-0908	Set - Piston Ring .020 Oversize	61		2
92-0909	Set - Piston Ring .030 Oversize	61		2
92-0912	Elbow 45°	67	11	1
92-0913	Nut - Wing - 1/4-20	71	33	1
92-0914	Cover - Element	71	32	1
92-0915	Screw - 10-32 x 3/8	71	31	1
92-0916	Screw #10-32 x .38	85	6	1
92-0917	Tube	71	25	1
92-0918	Manifold - Intake	73	5	1
92-0919	Rod - Governor Control	73	13	1
92-0920	Housing - Cylinder Air, LH	77	3	1
92-0921	Housing - Cylinder Air, RH	77	4	1
92-0922	Arm - Governor Control,	77	17	1
92-0923	Hose - Fuel	87	29	1
281-2	Plug - Pipe, Sq Hd 3/8	5	7	1
281-10	Plug - Pipe, Allen Hd 1/4	5	6	1
281-10	Plug - Pipe, Allen Hd 1/4	13	40	2
281-10	Plug 1/4 NPT	9	31	1
302-5	Fitting - Grease	17	61	2
321-2	Bolt 1/4-20 x 1/2	35	19	3
321-3	Bolt - Nylok 1/4-20 x 5/8	101	41	4
321-3	Bolt 1/4-20 x 5/8	17	5	2
321-3	Bolt 1/4-20 x 5/8 312-H, 416-H	3	9	1
321-3	Screw 1/4-20 x 3/4	97	3	1
321-4	Bolt 1/2-20 x 3/4	33	37	2
321-4	Bolt 1/4-20 x 3/4	91	6	2
321-4	Bolt 1/4-20 x 3/4	89	30	2
321-4	Bolt 1/4-20 x 3/4 (3 used on	19	67	2
321-6	Bolt 1/4-20 x 1	19	38	1
321-6	Bolt 1/4-20 x 1	17	54	1
321-8	Bolt 1/4-20 x 1-1/4	103	39	2
321-9	Bolt 1/4-20 x 1-1/2	17	59	1
321-10	Washer 5/16 SAE	97	8	1
321-11	Bolt 1/4-20 x 2	97	27	2
322-1	Bolt 5/16-18 x 1/2	15	5	1
322-2	Bolt - Stop 5/16-18	19	73	1
322-2	Bolt 5/16-18 x 5/8	87	18	3
322-2	Bolt 5/16-18 x 5/8	81	22	3
322-3	Bolt 5/16-18 x 3/4	33	15	2
322-3	Bolt 5/16-18 x 3/4	35	17	4
322-3	Bolt 5/16-18 x 3/4	33	21	4
322-3	Bolt 5/16-18 x 3/4	9	29	2
322-3	Bolt 5/16-18 x 3/4	19	70	2
322-3	Bolt 5/8-18 x 3/4	103	3	4
322-4	Bolt 5/16-18 x 7/8	103	7	4
322-4	Bolt 5/16-18 x 7/8	103	13	2
322-5	Bolt 5/16-18 x 1	27	11	1
322-5	Bolt 5/16-18 x 1	9	23	1
322-5	Bolt 5/16-18 x 1	25	38	3
322-6	Bolt 5/16-18 x 1-1/4	83	12	1
322-6	Bolt 5/16-18 x 1-1/4	25	24	1
322-6	Bolt 5/16-18 x 1-1/4 416's	3	18	1
323-5	Bolt 3/8-16 x 7/8	2	4	4
323-6	Bolt 3/8-16 x 1	23	19	3
323-6	Bolt 3/8-16 x 1 310, 312	35	11	2
323-6	Bolt 3/8-16 x 1 416's	3		2
323-7	Bolt 3/8-16 x 1-1/4	15	13	2
323-7	Bolt 3/8-16 x 1-1/4	101	16	1
323-7	Bolt 3/8-16 x 1-1/4	23	21	2
323-7	Bolt 3/8-16 x 1-1/4	13	34	1
323-8	Bolt 3/8-16 x 1-1/2	19	27	1
323-8	Bolt 3/8-16 x 1-1/2 310, 312	35	9	2
323-9	Bolt 3/8-16 x 1-3/4	15	20	2
323-9	Bolt 3/8-16 x 1-3/4	21	20	1
323-9	Bolt 3/8-16 x 1-3/4	19	22	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
323-9	Bolt 3/8-16 x 1-3/4	17	37	1
323-11	Bolt 3/8-16 x 2-1/4	5	4	5
323-15	Bolt 3/8-16 x 3-1/4	13	36	2
323-16	Bolt 3/8-16 x 4	5	3	1
323-23	Bolt 3/8-16 x 4-1/2	21	15	1
323-25	Bolt 3/8-16 x 5-1/2	9	6	2
323-25	Bolt 3/8-16 x 5-1/2	13	35	1
323-26	Bolt 3/8-16 x 6-1/2	9	8	1
324-5	Bolt 7/16-14 x 1-1/4 310-8,	3	11	3
3217-5	Nut 1/4-20	7	48	1
3217-6	Nut 5/16-18	31	7	4
3217-6	Nut 5/16-18 416's	103	28	4
3217-29	Nut #6-32	29	24	4
3218-1	Nut - Jam 1/4-20	101	21	2
3218-1	Nut - Jam 1/4-20	89	50	2
3218-1	Nut 1/4-20 (312-H)	19	78	1
3218-3	Nut - Jam 3/8-16	99	19	4
3219-14	Nut #10-32 (Optional) 310	33	28	4
3220-1	Nut - Jam 1/4-28	19	55	3
3229-25	Bolt - Carriage 1/4-20 x 3/4	29	12	4
3229-25	Bolt - Carriage 1/4-20 x 3/4	101	24	2
3231-25	Bolt - Carriage 3/8-16 x 1-1/4	2	2	3
3235-22	Bolt 3/8-16 x 1	21	16	1
3235-22	Bolt 3/8-16 x 1	25	33	2
3235-22	Bolt 3/8-19 x 1	27	18	2
3242-2	Screw - Set 5/16-18 x 1/2 Nylok	3	5	2
3243-5	Screw - Set 3/8-16x1	99	20	4
3245-32	Screw - Set 1/4-20 x 1/4	21	4	1
3245-32	Screw -Set 1/4-20 x 1/4	17	11	2
3245-32	Screw - Set 1/4-20 x 1/4	15	27	1
3246-2	Screw - Set 5/16-18 x 5/16	3	2	2
3252-4	Washer - Lock 5/16	87	19	2
3253-2	Washer - Lock #10	69	15	3
3253-3	Washer - Lock	17	57	1
3253-3	Washer - Lock 1/4	17	6	2
3253-3	Washer - Lock 1/4	89	45	4
3253-3	Washer - Lock 1/4	101	47	1
3253-3	Washer - Lock 1/4	89	49	2
3253-4	Washer - Lock 5/16	103	4	8
3253-4	Washer - Lock 5/16	15	6	1
3253-4	Washer - Lock 5/16	35	18	4
3253-4	Washer - Lock 5/16	103	22	4
3253-4	Washer - Lock 5/16	81	23	1
3253-4	Washer - Lock 5/16	9	30	2
3253-4	Washer 5/16	83	13	1
3253-6	Washer - Lock 7/16 310-8,	3	12	3
3253-17	Washer - Lock #10	95	2	4
3253-17	Washer - Lock #10	33	27	4
3253-21	Washer - Lock 3/8	2	5	4
3253-21	Washer - Lock 3/8	35	12	1
3253-21	Washer - Lock 3/8 416's	3		2
3253-24	Washer - Lock 3/8	35	8	4
3254-2	Washer - Internal Tooth	89	42	1
3254-2	Washer - Lock 5/16	95	23	1
3255-7	Washer - Lock 1/4 Ext.	19	77	1
3256-3	Washer 5/16 SAE 416's	103	27	4
3256-3	Washer 5/16 US 416's	3	19	2
3256-4	Washer 3/8	87	17	2
3256-4	Washer 3/8	81	21	2
3256-4	Washer 3/8 SAE	19	28	2
3256-4	Washer 3/8 U.S.	21	22	1
3256-5	Washer 7/16 U.S.	25	36	1
3256-6	Washer 3/8 SAE	21	23	2

Part No.	Description	Pg. No.	Ref. No.	Qty.
3256-21	Washer #8 (Used with Pop	95	29	4
3256-22	Washer	17	56	2
3256-22	Washer 1/4 SAE	91	7	4
3256-22	Washer 1/4 SAE	29	13	4
3256-22	Washer 1/4 SAE	101	22	2
3256-22	Washer 1/4 SAE	89	31	4
3256-22	Washer 1/4 SAE	103	38	2
3256-22	Washer 1/4 SAE	19	54	2
3256-23	Fender	33	22	1
3256-23	Washer 5/16	27	12	1
3256-23	Washer 5/16	25	25	1
3256-23	Washer 5/16 SAE	103	6	4
3256-23	Washer 5/16 SAE	33	16	2
3256-23	Washer 5/16 SAE	103	18	4
3256-23	Washer 5/16 SAE	95	26	1
3256-23	Washer 5/16 SAE	25	43	2
3256-24	Washer 3/8 SAE	35	7	4
3256-24	Washer 3/8 SAE	21	10	2
3256-24	Washer 3/8 SAE	17	38	1
3256-24	Washer 3/8 SAE	17	51	1
3256-24	Washer 3/8 SAE	19	52	1
3256-25	Washer 7/16 SAE 310-8,	3	13	3
3256-26	Washer 1/2 SAE	27	22	1
3256-26	Washer 1/2 SAE	17	25	1
3256-26	Washer 1/2 SAE	19	50	1
3256-26	Washer 1/2 SAE	25	55	1
3256-26	Washer 1/2 SAE (312-H)	19	76	4
3256-30	Washer 1 in. SAE	25	15	3
3256-30	Washer 1 SAE	27	3	3
3256-66	Washer 5/16	83	14	1
3257-5	Key - Woodruff 3/16 x 3/4	7	40	1
3257-24	Key - Woodruff 1/8 x 5/8	9	12	1
3269-3	Rivet - Pop 3/16 x 402	95	19	4
3272-6	Pin - Cotter 3/32 x 3/4	103	12	1
3272-6	Pin - Cotter 3/32 x 3/4	17	15	1
3272-6	Pin - Cotter 3/32 x 3/4	21	24	2
3272-10	Pin - Cotter	17	31	3
3272-10	Pin - Cotter 1/8 x 3/4	101	7	1
3272-10	Pin - Cotter 1/8 x 3/4	101	12	2
3272-10	Pin - Cotter 1/8 x 3/4	17	20	2
3272-10	Pin - Cotter 1/8 x 3/4	25	35	1
3272-11	Pin - Cotter 1/8 x 1	21	8	2
3272-11	Pin - Cotter 1/8 x 1	97	16	1
3272-17	Pin - Cotter5/32 x 1/4	99	14	2
3272-19	Pin - Cotter 5/32 x 1-3/4	15	18	1
3296-4	Nut 5/16-24	19	71	1
3296-23	Nut 1/2	9	14	1
3296-26	Washer 1/2 SAE	9	13	1
3296-29	Nut - Stop 5/16-18	19	72	1
3296-29	Nut 5/16-18	103	5	4
3296-29	Nut 5/16-18	97	5	1
3296-29	Nut 5/16-18	33	10	7
3296-29	Nut 5/16-18	27	13	1
3296-29	Nut 5/16-18	103	15	2
3296-29	Nut 5/16-18	95	22	1
3296-29	Nut 5/16-18	25	26	1
3296-29	Nut 5/16-18	33	30	6
3296-29	Nut 5/16-18	103	34	2
3296-29	Nut 5/16-18	25	44	3
3296-29	Nut 5/16-18	19	69	2
3296-29	Nut 5/16-18 416's	3	20	16
3296-39	Nut 3/8-16	2	3	3
3296-39	Nut 3/8-16	5	5	6
3296-39	Nut 3/8-16	21	9	1
3296-39	Nut 3/8-16	9	9	3

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3296-39	Nut 3/8-16	35	10	2
3296-39	Nut 3/8-16	15	14	2
3296-39	Nut 3/8-16	101	19	1
3296-39	Nut 3/8-16	23	20	5
3296-39	Nut 3/8-16	21	21	1
3296-39	Nut 3/8-16	27	23	1
3296-39	Nut 3/8-16	17	32	1
3296-39	Nut 3/8-16	13	37	3
3296-39	Nut 3/8-16	17	44	1
3296-39	Nut 3/8-16	25	56	1
3296-39	Nut 3/8-16	19	58	2
3296-42	Nut 1/4-20	97	9	1
3296-42	Nut 1/4-20	97	29	2
3296-42	Nut 1/4-20	103	37	2
3296-42	Nut 1/4-20	33	38	1
3296-42	Nut 1/4-20	17	58	2
3296-42	Nut 1/4-20	19	66	2
32120-64	Ring - Retaining 5/8 Ext	9	4	1
32120-72	Ring - Snap 3/4 External	101	34	2
32121-35	Pin - Roll	25	48	1
32121-103	Pin - Spirol	25	47	1
32121-111	Pin - Spirol 1/4 x 2	15	31	1
32146-2	Nut 3/8-16	35	13	4
32146-2	Nut 3/8-16	15	21	2
32146-7	Nut 1/4-20	89		2
32146-17	Nut 1/4 x 20	19	39	4
32146-17	Nut 1/4-20	29	14	4
32312-94	Pin - Spirol 5/32 x 1	19	65	1
25 041 04	Gasket	81	30	1
47 079 10	Linkage (Governor to Carb.)	57	30	1

*Not Illustrated

MAINTENANCE RECORD

Date								

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Product, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial numbe .
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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