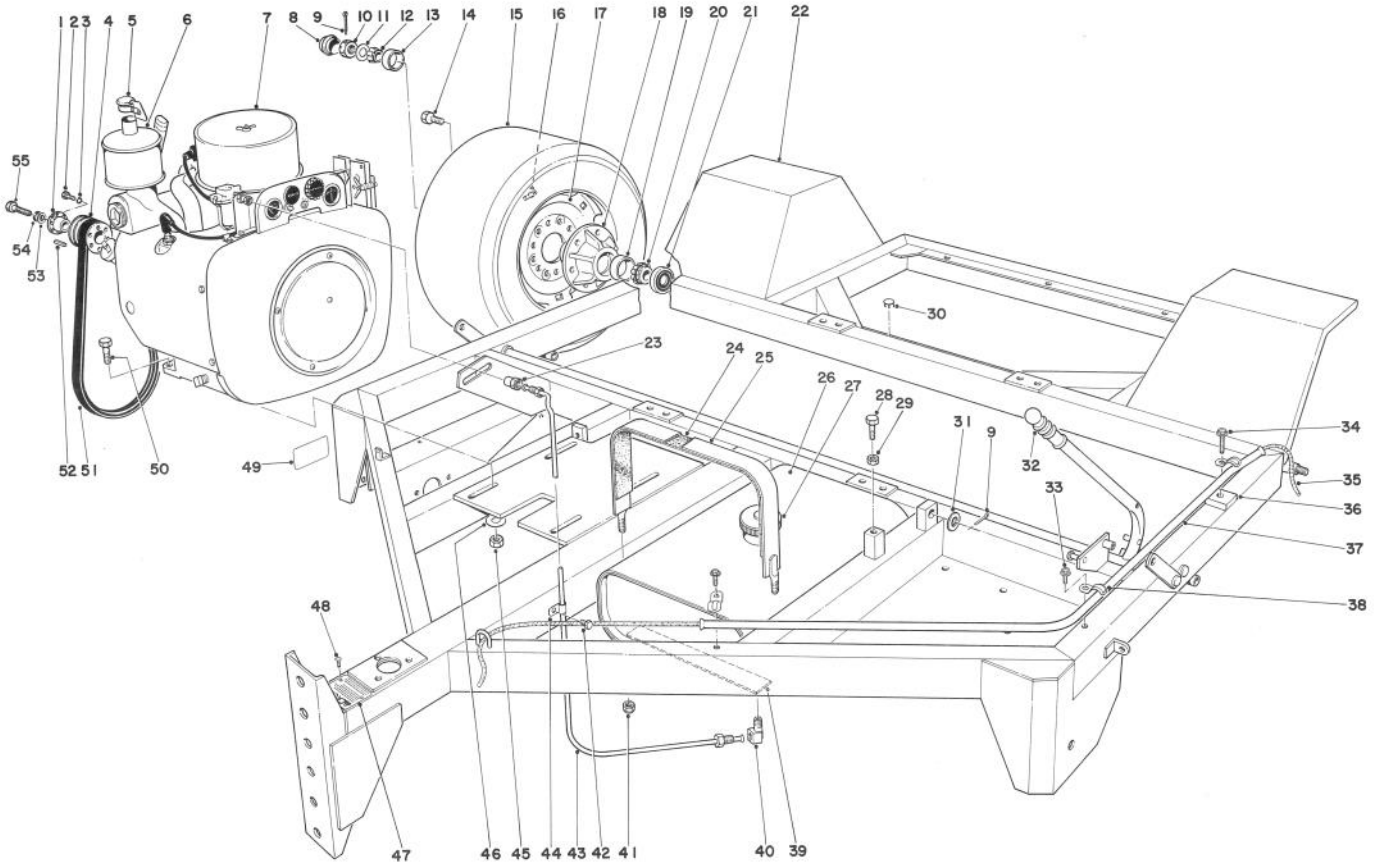
FORM NO. 3312-665

TORO®

MODEL NO. 07073 — 60001 & UP (Engine)
MODEL 07174 — 60001 & UP (P.T.O.)

PARTS CATALOG

66" RAKE-O-VAC® SWEEPER



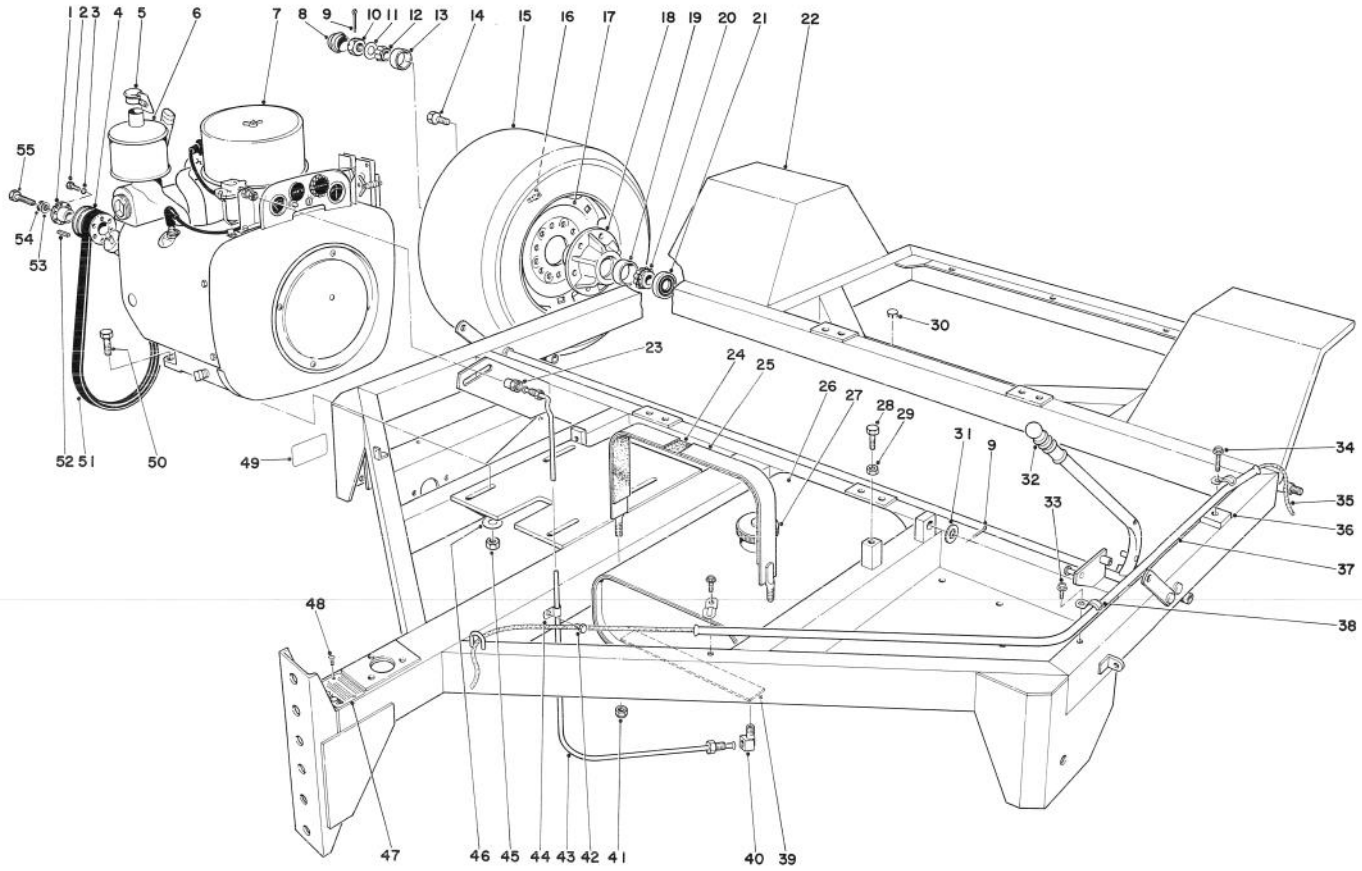
ENGINE AND FRAME ASSEMBLY (Model 07073)

Ref. No.	Part No.	Description	No. Used
1	13-3330	Bushing (Incl. Ref. #2 & 3)	1
2	321-10	Capscrew	3
3	3253-3	Lockwasher	3
4	13-3320	Pulley	1
5	13-6710	Muffler Weather Cap	1
6	13-6720	Muffler	1
7	49-4160	Engine	1
8	242-55	Hub Cap	2
9	3272-17	Cotter Pin	3
10	32136-1	Slotted Nut	2
11	3256-29	Flat Washer	2
12	254-62	Bearing Cone	2
13	254-61	Bearing Cup	2
14	217-103	Wheel Bolt	12
15	231-118	Tire	2

Ref. No.	Part No.	Description	No. Used
16	232-27	Stem-Valve	2
17	241-117	Rim	2
18	242-54	Hub (Incl. Ref. No's. 13 & 19)	2
19	254-66	Bearing Cup	2
20	254-65	Bearing Cone	2
21	253-127	Seal	2
22	13-5000	Main Frame	1
23	353-406	Straight Fitting	1
24	13-3950	Felt Strip	2
25	13-3960	Strap Asm. (Incl. Ref. 24)	2
26	13-3930	Gas Tank	1
27	222-21	Gas Cap	1
28	323-8	Capscrew	1
29	3218-3	Jam Nut	1
30	2410-13	Plug Button	2

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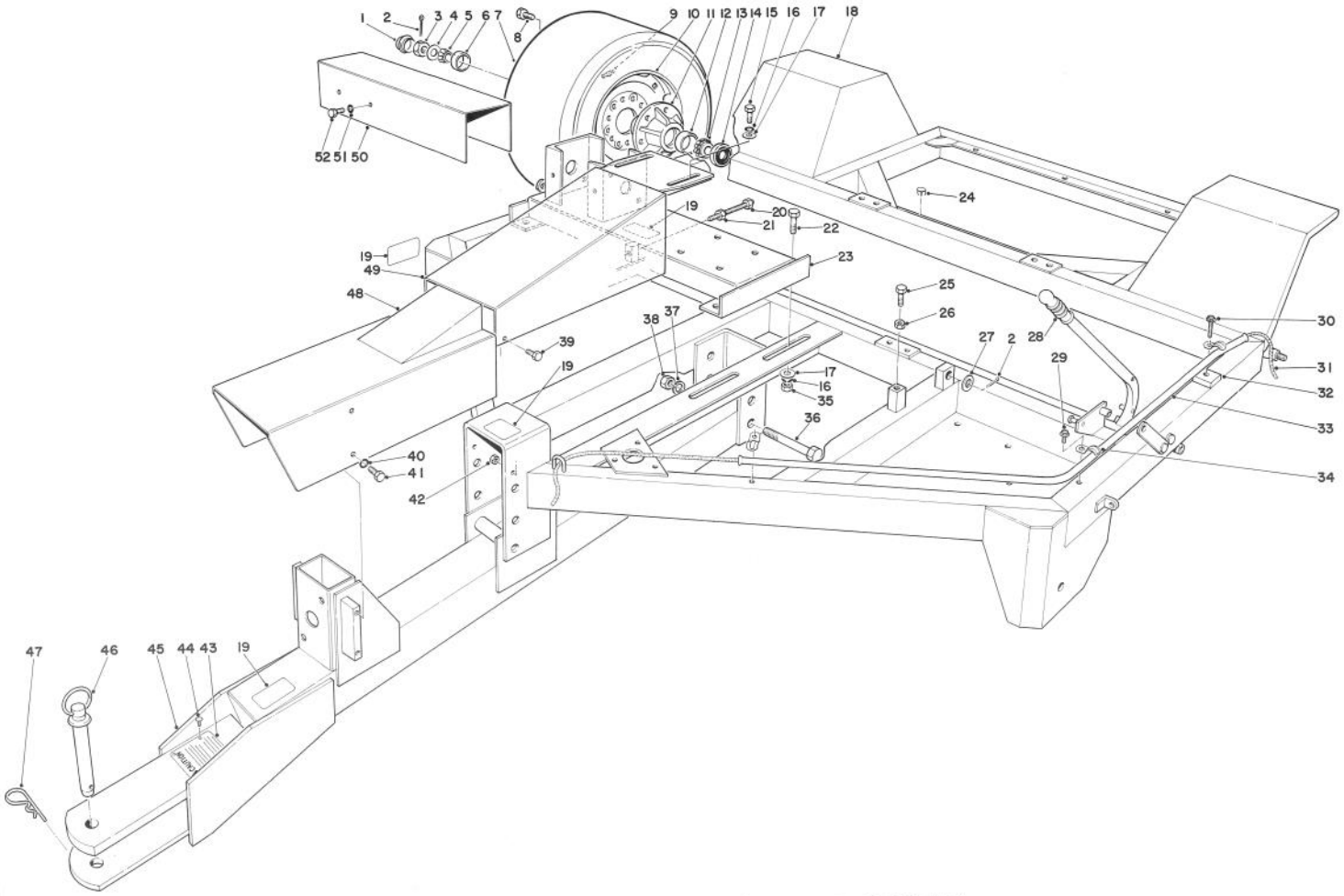
PRICE $1.00



ENGINE AND FRAME ASSEMBLY (Model 07073) (Continued)

Ref. No.	Part No.	Description	No. Used
31	3256-28	Flat Washer	1
32	235-15	Handle Grip	1
33	32104-95	Screw, Self Tapping	2
34	32104-96	Screw, Self Tapping	1
35	20-9580	Rope	1
36	13-6910	Rope Guide Spacer	1
37	13-6890	Rope Guide	1
38	2412-40	Conduit Clamp	3
39	13-3970	Felt Strip	2
40	353-407	Tube Fitting	1
41	3296-29	Lock Nut	4
42	32104-109	Screw	1
43	13-5010	Gas Line	1

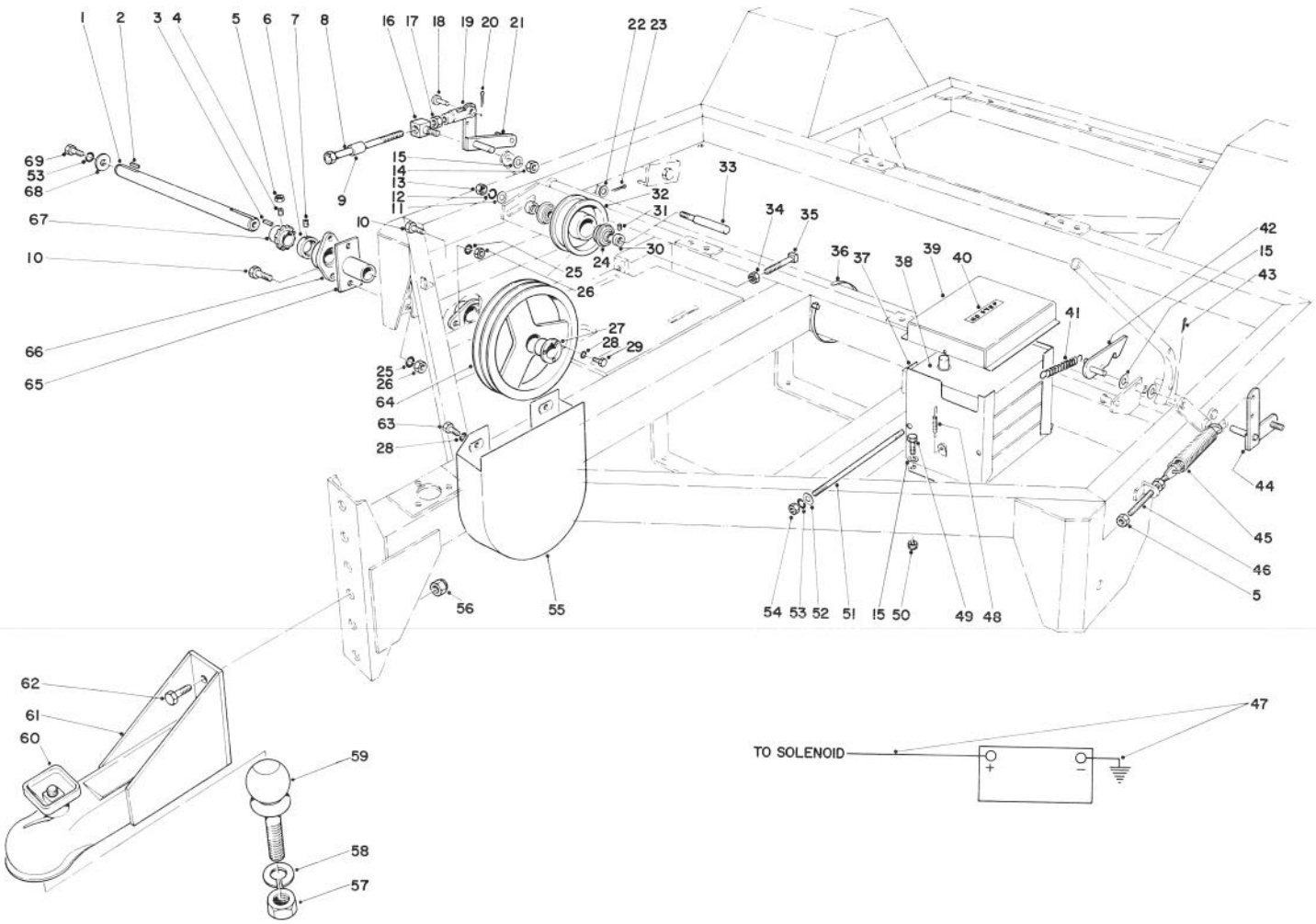
Ref. No.	Part No.	Description	No. Used
44	2412-32	Clip	1
45	3296-23	Lock Nut	4
46	3256-26	Flat Washer	4
47	13-7460	Caution Plate	1
48	3290-55	Pop Rivet	4
49	13-6470	Decal	1
50	325-7	Capscrew	4
51	13-2650	V-Belt	1
52	3-9155	Square Key	1
53	4-1920	Washer	1
54	3253-21	Lockwasher	1
55	323-10	Capscrew	1



FRAME ASSEMBLY (Model 07174)

Ref. No.	Part No.	Description	No. Used
1	242-55	Hub Cap	2
2	3272-17	Cotter Pin	3
3	32136-1	Slotted Nut	2
4	3256-29	Flat Washer	2
5	254-62	Bearing Cone	2
6	254-61	Bearing Cup	2
7	231-118	Tire	2
8	217-103	Wheel Bolts	12
9	232-27	Stem-Valve	2
10	241-117	Rim	2
11	242-54	Wheel Hub (Incl. Ref. No. 6 & 12)	2
12	254-66	Bearing Cup	2
13	254-65	Bearing Cone	2
14	253-127	Seal	2
15	325-3	Capscrew	2
16	3253-7	Lockwasher	6
17	3256-26	Flat Washer	6
18	13-6120	Frame	1
19	13-6470	Caution Decal	4
20	13-6240	Adjustment Rod	1
21	3218-6	Jam Nut	1
22	325-5	Capscrew	4
23	13-6000	Gear Box Base	1
24	2410-13	Plug Button	2
25	323-8	Capscrew	1
26	3218-3	Jam Nut	1

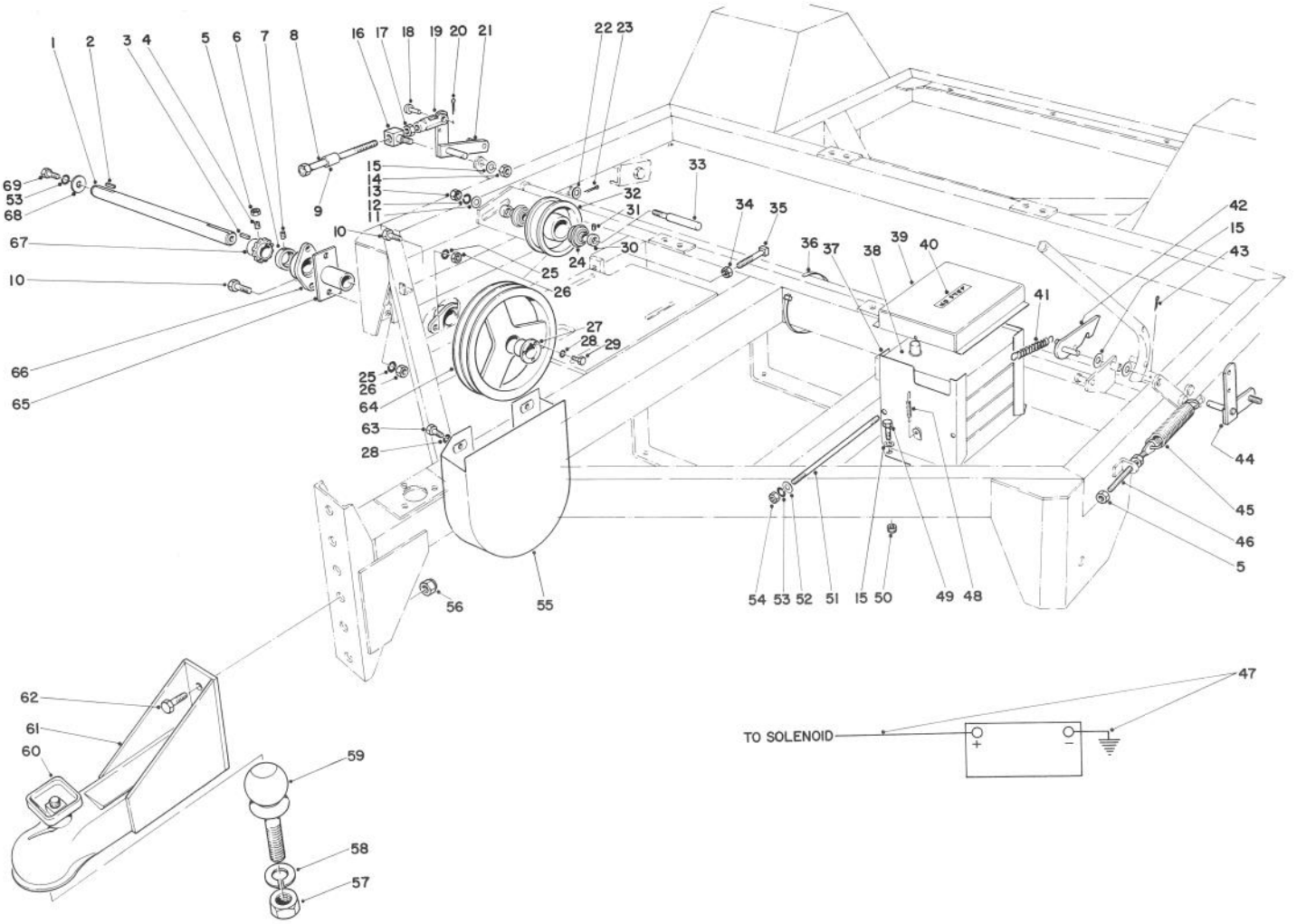
Ref. No.	Part No.	Description	No. Used
27	3256-28	Flat Washer	1
28	235-15	Handle Grip	1
29	32104-95	Screw, Self-Tapping	2
30	32104-96	Screw, Self-Tapping	1
31	20-9580	Rope	1
32	13-6910	Rope Guide Spacer	1
33	13-6890	Rope Guide	1
34	2412-40	Conduit Clamp	3
35	3217-9	Nut	4
36	328-23	Bolt	2
37	3253-9	Lockwasher	2
38	3217-12	Nut	2
39	323-5	Capscrew	2
40	3253-21	Lockwasher	4
41	323-2	Capscrew	4
42	3296-26	Nut	2
43	13-7460	Caution Plate	1
44	3259-15	Drive Screw	4
45	13-4310	Tongue	1
46	13-6200	Hitch Pin (Incl. Ref. 47)	1
47	3290-343	Hair Pin Cotter	1
48	13-5870	Front Shield	1
49	13-5880	Drop Shaft Shield	1
50	13-5790	Shaft Shield	1
51	3256-24	Washer	4
52	323-9	Capscrew	4



JACKSHAFT AND LIFTING MECHANISM (Model 07073)

Ref. No.	Part No.	Description	No. Used
1	13-3740	Jack Shaft	1
2	13-2840	Square Key	1
3	13-6330	Square Key	1
4	3247-3	Set Screw	2
5	3218-3	Jam Nut	6
6		Locking Collar	2
7		Set Screw	2
8	13-6260	Adjustment Screw	2
9	13-5520	Spacer	2
10	324-7	Capscrew	4
11	3256-26	Flat Washer	1
12	3253-7	Lockwasher	1
13	3217-9	Nut	1
14	32153-2	Lock Nut	2
15	3256-24	Flat Washer	7
16	13-0100	Pivot Block	2
17	3219-3	Nut	2
18	283-35	Clevis Pin	2
19	282-22	Clevis	2
20	3272-6	Cotter Pin	2
21	13-5490	Lifting Bell Crank R.H.	1
22	3256-28	Flat Washer	2
23	3272-22	Cotter Pin	2

Ref. No.	Part No.	Description	No. Used
24	56-6210	Bearing (Incl. Ref. #30 & 31)	2
25	3253-6	Lockwasher	4
26	3217-8	Lock Nut	4
27	13-2680	Bushing (Incl. Ref. #28 & 29)	1
28	3253-4	Lockwasher	5
29	322-10	Capscrew	3
30		Locking Collar	2
31		Set Screw	2
32	13-0600	Idler Pulley (Incl. Ref. #24)	1
33	13-0510	Idler Pin	1
34	3218-5	Nut	1
35	3244-21	Set Screw	1
36	3290-336	Locking Strap	2
37	3-5967	Battery Support	2
38	55-7290	Battery	1
39	3-3175	Battery Cover	1
40	3-5582	Decal	1
41	13-0480	Spring	1
42	13-3990	Trip Handle	1
43	3272-10	Cotter Pin	1
44	13-5500	Lifting Bell Crank L.H.	1
45	13-0050	Spring	2

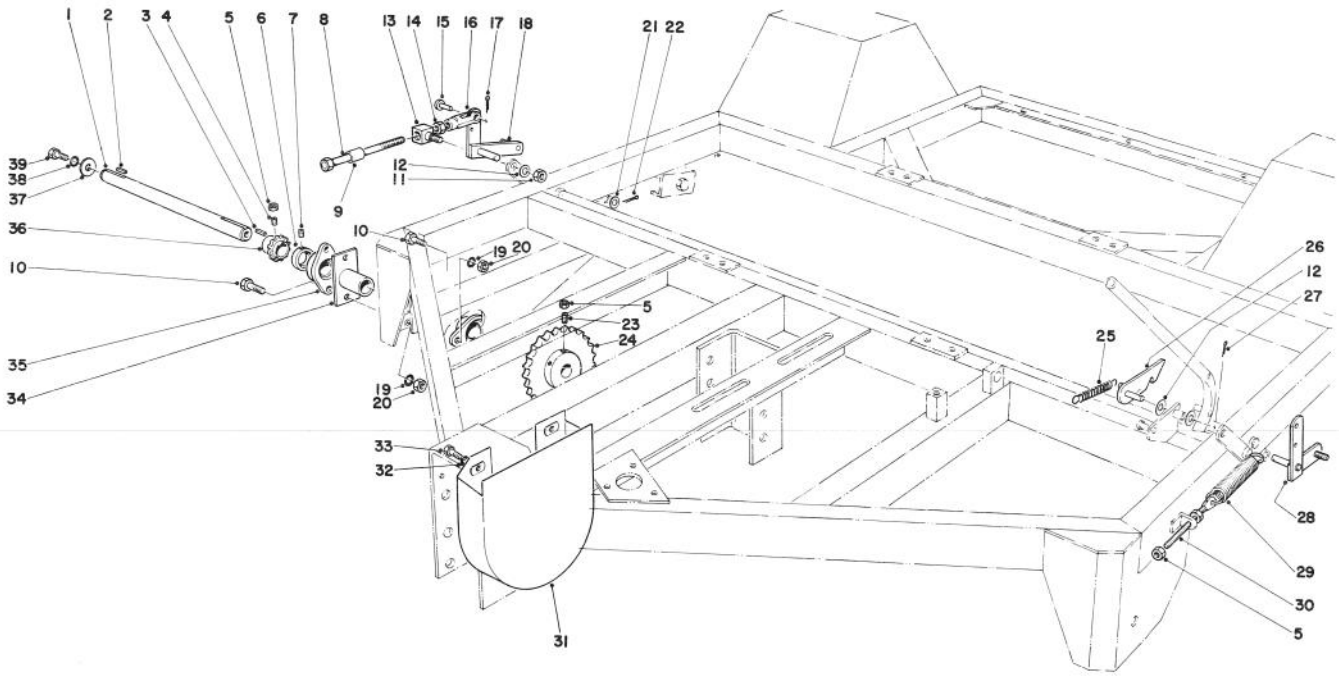


JACKSHAFT AND LIFTING MECHANISM (Model 07073) (Continued)

Ref. No.	Part No.	Description	No. Used
46	13-5530	Spring Adjustment Rod	2
47	13-6790	Battery Cable	2
48	3-8135	Spring	2
49	323-7	Capscrew	4
50	3296-39	Lock Nut	4
51	5-0678	Battery Clamp Rod	2
52	3256-22	Flat Washer	4
53	3253-3	Lockwasher	5
54	3217-5	Nut	4
55	13-4490	Sheave Guard	1
56	3296-53	Lock Nut	2
57	3217-12	Nut	1
58	3253-9	Lockwasher	1

Ref. No.	Part No.	Description	No. Used
59	49-4260	Ball	1
60†	13-3080	Ball Coupler Kit	1
61	13-0060	Hitch Yoke (Incl. Ref. #57)	1
62	327-6	Capscrew	2
63	322-7	Capscrew	2
64	13-2670	Sheave	1
65	13-0160	Drive Side Spindle	1
66	56-6230	Bearing (Incl. Ref. #6 & 7)	2
67	13-4340	Sprocket	1
68	13-3710	Washer	1
69	321-4	Capscrew	1

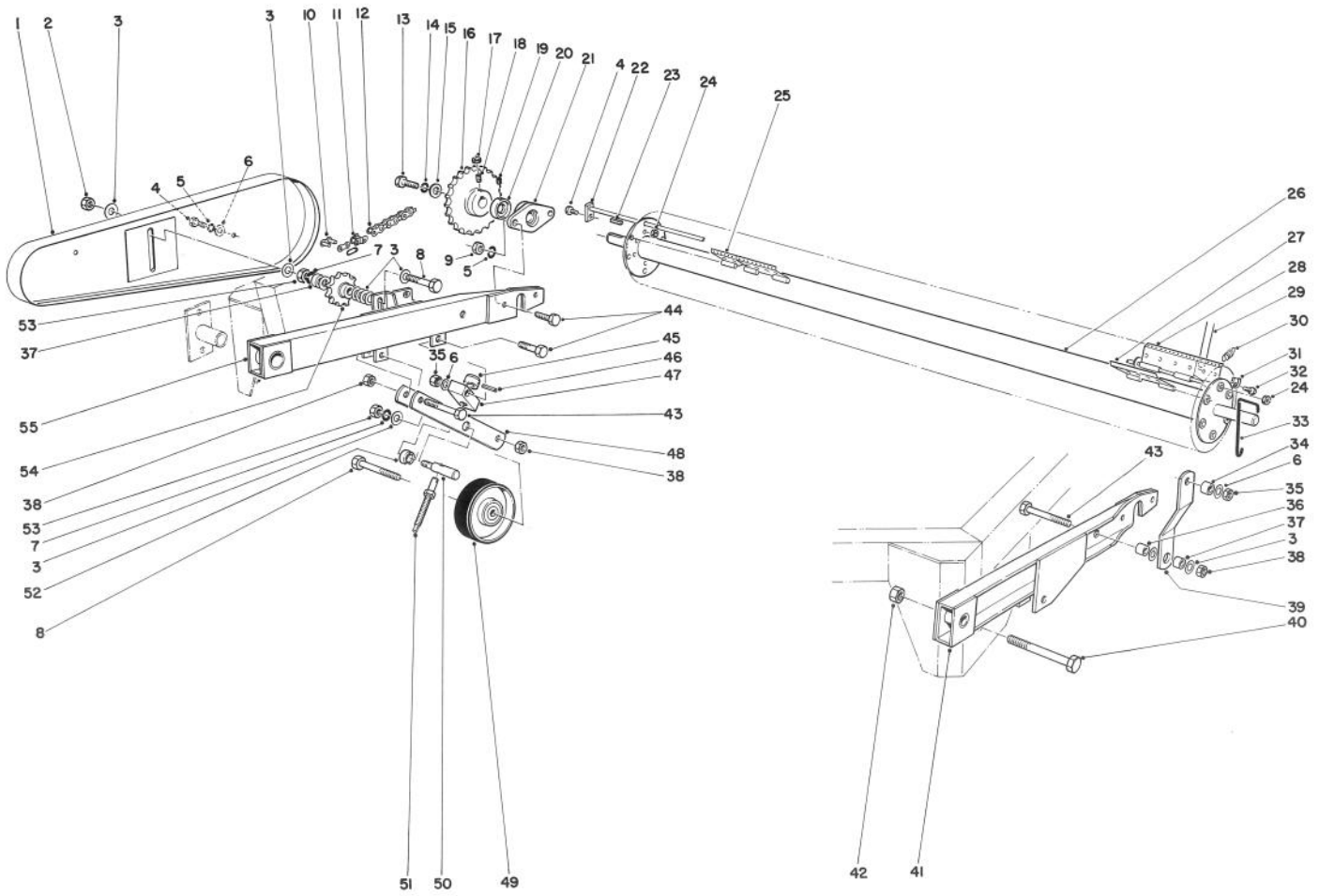
†Service Replacement Part



JACKSHAFT AND LIFTING MECHANISM (Model 07174)

Ref. No.	Part No.	Description	No. Used
1	13-3740	Jackshaft	1
2	13-2840	Square Key	1
3	5-1718	Square Key	1
4	3247-3	Set Screw	2
5	3218-3	Jam Nut	8
6		Lock Collar	2
7		Set Screw	2
8	13-6260	Adjustment Bolt	2
9	13-5520	Spacer	2
10	324-7	Capscrew	4
11	32153-2	Nut	2
12	3256-24	Flat Washer	4
13	13-0100	Pivot Block	2
14	3219-3	Nut	2
15	283-35	Clevis Pin	2
16	282-22	Clevis	2
17	3272-6	Cotter Pin	2
18	13-5490	Lifting Bell Crank R.H.	1
19	3253-6	Lockwasher	4
20	3217-8	Nut	4

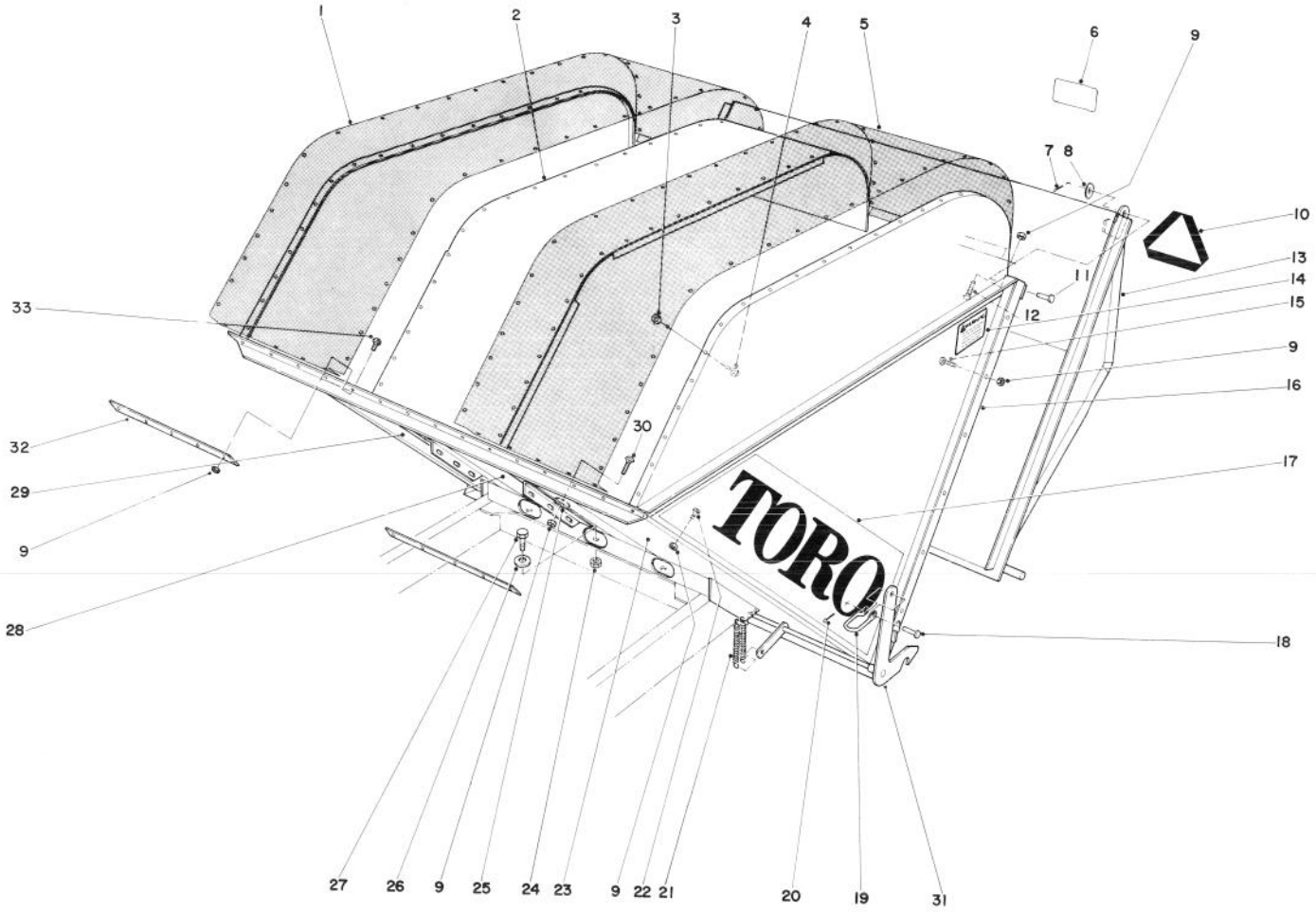
Ref. No.	Part No.	Description	No. Used
21	3256-28	Flat Washer	2
22	3272-22	Cotter Pin	2
23	3247-6	Set Screw	2
24	13-4880	Sprocket	1
25	13-0480	Spring	1
26	13-3990	Trip Handle	1
27	3272-10	Cotter Pin	1
28	13-5500	Lifting Bell Crank L.H.	1
29	13-0050	Spring	2
30	13-5530	Spring Adjusting Rod	2
31	13-4490	Sheave Guard	1
32	3253-4	Lockwasher	2
33	322-7	Capscrew	2
34	13-0160	Driveside Spindle	1
35	56-6230	Bearing (Incl. Ref. No's. 6 & 7)	2
36	13-4340	Sprocket	1
37	13-3710	Special Washer	1
38	3253-3	Lockwasher	1
39	321-4	Capscrew	1



GAUGE WHEEL AND TRAILING ARM (Models 07073 & 07174)

Ref. No.	Part No.	Description	No. Used
1	13-5620	Guard – Chain	1
2	3296-45	Nut	1
3	3256-26	Washer – Flat	14
4	323-4	Screw – Cap Hex. Hd.	7
5	3253-21	Washer – Lock	5
6	3256-24	Washer – Flat	5
7	3253-7	Washer – Lock	3
8	325-14	Screw – Cap Hex. Hd.	3
9	3217-7	Nut	4
10	2710-11	Link – Connecting	1
11	2710-15	Link – Offset	1
12	13-4070	Chain	1
13	321-4	Screw – Cap Hex. Hd.	1
14	3253-3	Washer – Lock	1
15	13-3710	Washer – Special	1
16	13-4890	Sprocket	1
17	3218-3	Nut – Jam	2
18	3247-6	Screw –Set	2
19		Screw – Set	2
20		Collar – Locking	2
21	56-6230	Bearing (Incl. Ref. #19 & 20)	2
22	13-4960	Shaft – Finger Plate	6
23	13-2840	Key – Square	1
24	32152-2	Nut – Lock	12
25	13-4930	Plate – Finger	3
26	13-5250	Rake Reel	1
27	13-2450	Plate – Finger	60
28	13-4940	Plate – Finger	3

Ref. No.	Part No.	Description	No. Used
29	13-2470	Finger – Nylon	276
30	13-3090	Spring	66
31	13-2480	Clamp – Finger	276
32	32140-94	Screw – Cap Hex. Hd.	276
33	13-5700	Hook – Transport	2
34	13-0560	Spacer	2
35	32153-2	Nut	4
36	13-0360	Spacer	2
37	13-3070	Spacer	3
38	32153-5	Nut	6
39	13-5540	Link – Lift	2
40	328-10	Bolt	1
41	13-5230	Trailing Arm – L.H.	1
42	32153-6	Nut	1
43	325-11	Screw – Cap Hex. Hd.	4
44	323-9	Screw – Cap Hex. Hd.	6
45	13-0320	Collar – Lock	2
46	32121-45	Pin – Roll	2
47	13-0330	Block – Pivot	2
48	13-5550	Arm – Gauge Wheel	2
49	13-2870	Wheel – Gauge	2
50	13-5570	Stud – Pivot	2
51	13-5590	Rod – Adjustment	2
52	13-5670	Spacer – Locking	2
53	3217-9	Nut	3
54	13-3020	Sprocket	1
55	13-5320	Trailing Arm – R.H.	1

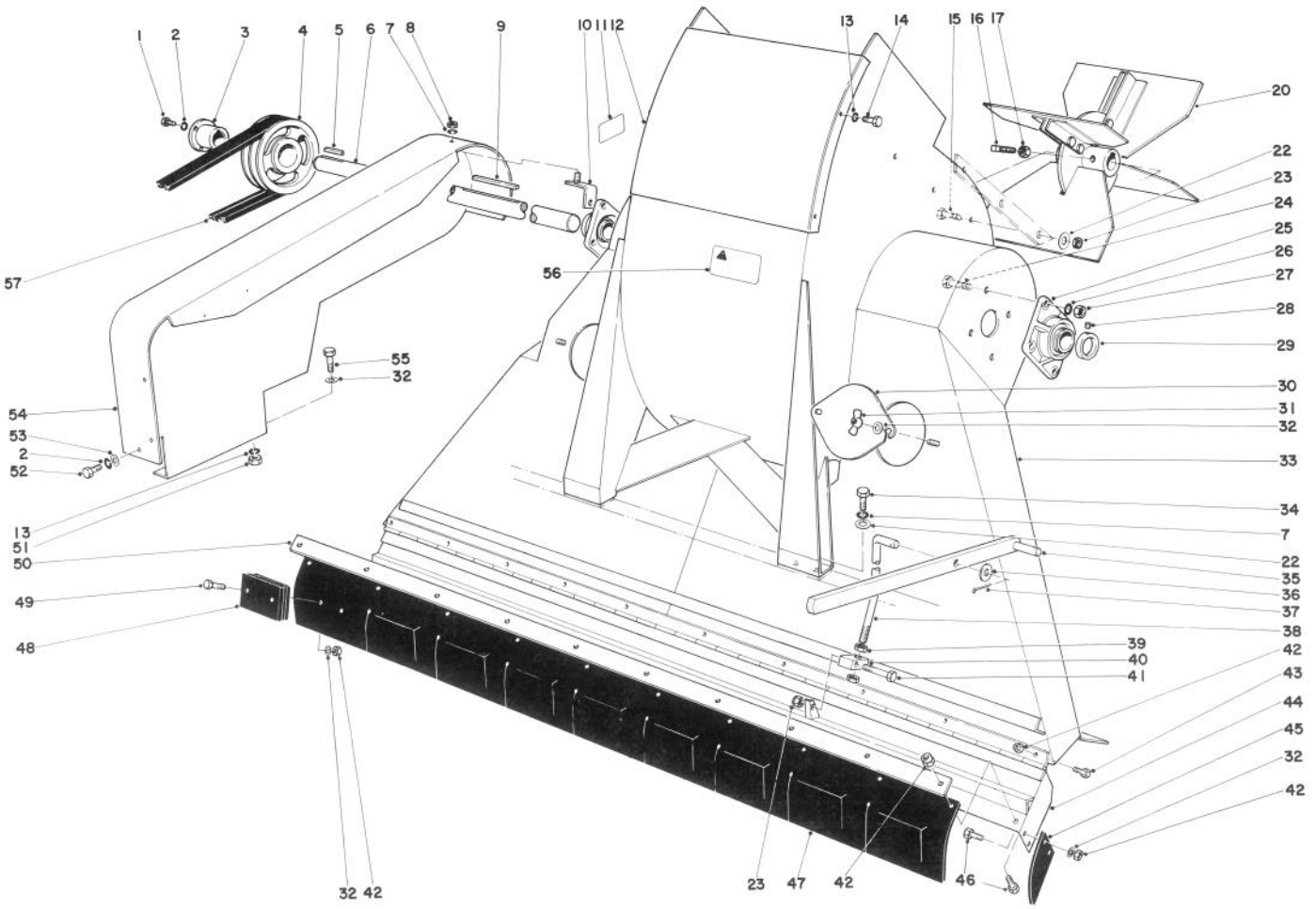


CAGE AND REAR TAILGATE (Models 07073 & 07174)

Ref. No.	Part No.	Description	No. Used
1	13-7380	Top Screen R.H.	1
2	13-7140	Top Panel	1
3	32153-1	Lock Nut	100
4	3251-1	Rd. Hd. Machine Screw	100
5	13-7390	Top Screen L.H.	1
6	13-6760	Caution Decal	1
7	3272-12	Cotter Pin	3
8	3256-27	Flat Washer	A/R
9	32153-4	Locknut	103
10	13-2930	Decal – Slow Moving Vehicle	1
11	283-39	Clevis Pin	3
12	3258-37	Rd. Hd. Machine Screw	10
13	13-7180	Gate	1
14	13-7430	Warning Decal	1
15	3229-8	Carriage Bolt	42
16	13-7400	Bracket Hinge	3
17	13-6870	Decal L.H.	1
*	13-6880	Decal R.H.	1

*Not Illustrated

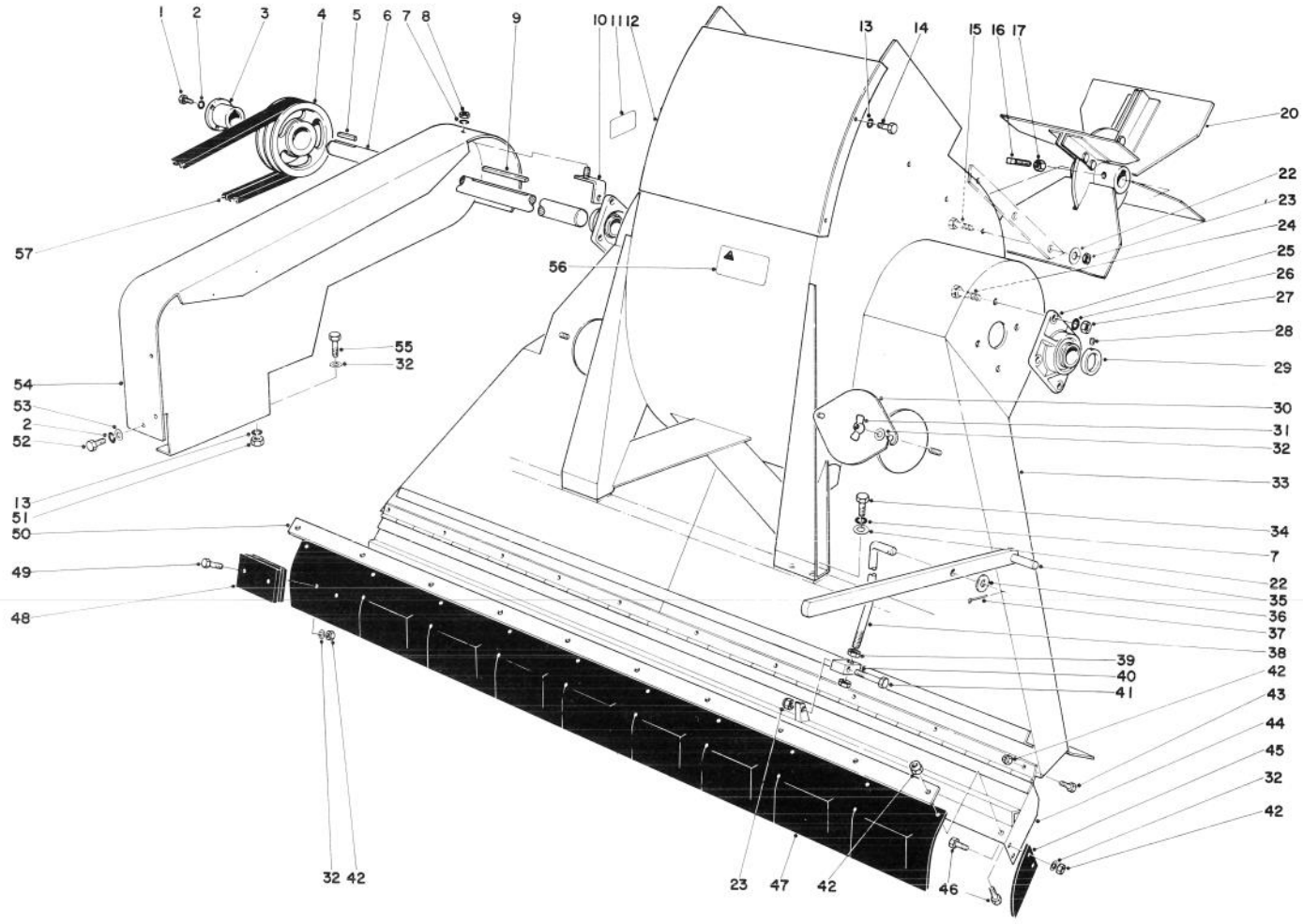
Ref. No.	Part No.	Description	No. Used
18	283-10	Clevis Pin	1
19	5-2942	Long Shackle	1
20	3272-10	Cotter Pin	1
21	12-8810	Spring	2
22	32122-20	Machine Screw	36
23	13-7360	Bottom Panel L.H.	1
24	3296-23	Locknut	3
25	13-3710	Flat Washer	2
26	3256-26	Flat Washer	3
27	325-6	Capscrew	3
28	13-7370	Bottom Panel (Middle)	1
29	13-7350	Bottom Panel (R.H.)	1
30	3229-1	Carriage Bolt	5
31	13-4050	Catch – Tailgate	1
32	42-9930	Strap Hopper	2
33	3290-133	Screw – Rd. Hd. Machine	10
*	13-6800	Cage Assembly (Incl. Ref. #1-33)	1



BLOWER AND THROAT ASSEMBLY (Model 07073)

Ref. No.	Part No.	Description	No. Used
1	322-10	Capscrew	3
2	3253-4	Lockwasher	4
3	13-2970	Bushing (Incl. Ref. #1 & 2)	1
4	13-2800	Pulley	1
5	13-2240	Square Key	1
6	13-3790	Fan Shaft	1
7	3253-21	Lockwasher	9
8	3217-7	Nut	1
9	13-2810	Square Key	1
10	13-3350	Shield Support	1
11	13-6470	Decal	1
12	13-3850	Blower Access Plate	1
13	3253-3	Lockwasher	6
14	321-2	Capscrew	4
15	323-7	Capscrew	6
16	3244-14	Set Screw, Sq. Hd.	4
17	3218-5	Jam Nut	4
20	13-3420	Fan Assembly	1
22	3256-24	Flat Washer	14
23	3296-39	Locknut	7
24	325-6	Capscrew	8

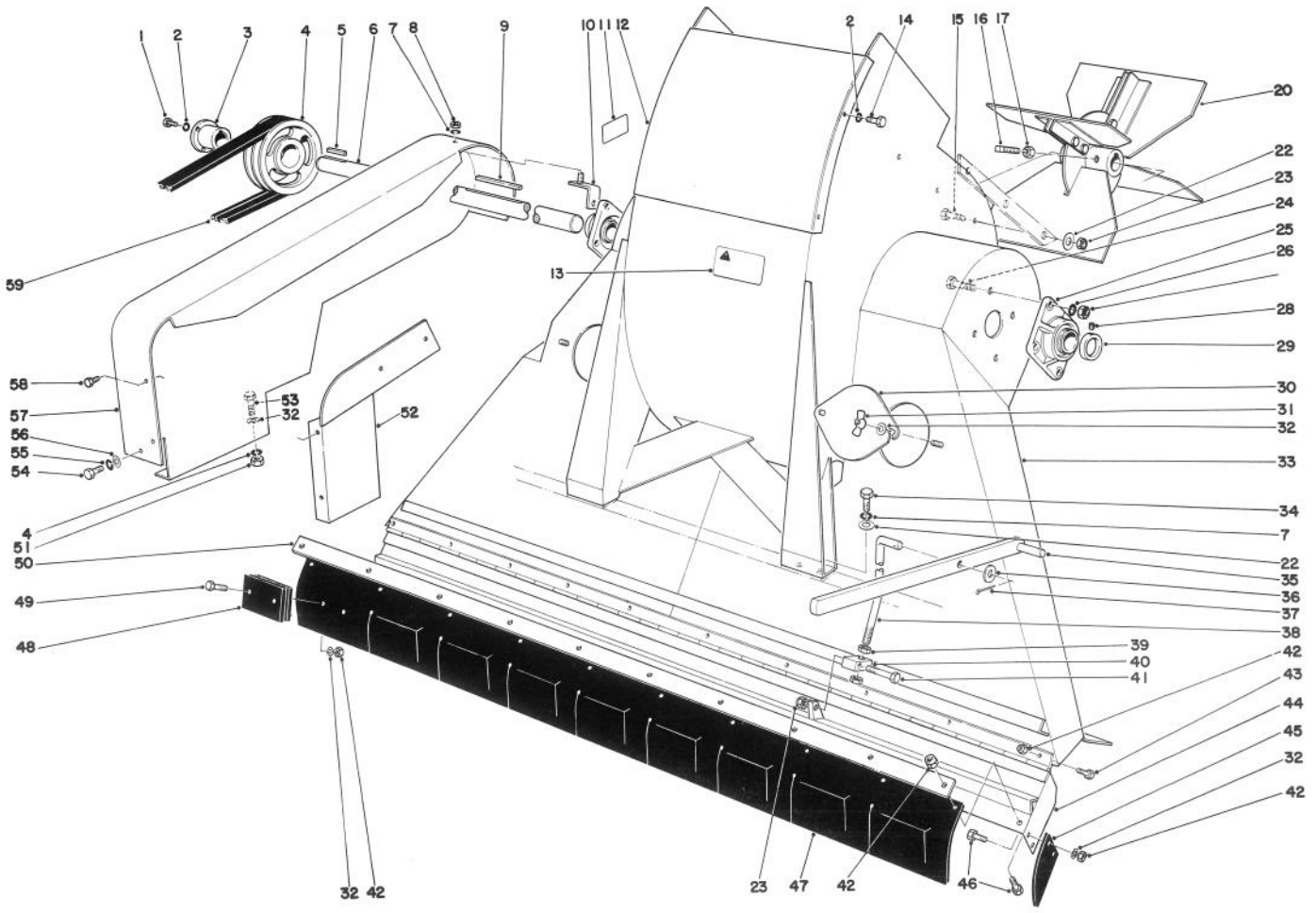
Ref. No.	Part No.	Description	No. Used
25	56-6220	Bearing (Incl. Ref. #28 & 29)	2
26	3253-7	Lockwasher	8
27	3217-9	Nut	8
28		Set Screw	2
29		Locking Collar	2
30	13-1420	Inspection Cover	2
31	32103-12	Wing Nut	4
32	3256-22	Flat Washer	28
33	13-6280	Blower (Incl. Ref. # 12-14 & 30-32)	1
34	323-6	Capscrew	8
35	13-6390	Flap Handle	1
36	3256-27	Flat Washer	1
37	3272-12	Cotter Pin	1
38	13-6360	Lift Rod	1
39	3218-6	Jam Nut	2
40	13-0330	Pivot Block	1
41	323-9	Capscrew	1
42	3296-42	Lock Nut	42
43	321-3	Capscrew	10
44	13-4760	Lower Flap	1



BLOWER AND THROAT ASSEMBLY (Model 07073) (Continued)

Ref. No.	Part No.	Description	No. Used
45	13-3130	End Flap	2
46	321-5	Capscrew	14
47	13-4700	Flap (Incl. Ref. #32, 42, 48 & 49)	1
48	13-4560	Flap Weight	18
49	321-8	Capscrew	18
50	13-1390	Flap Retainer	1

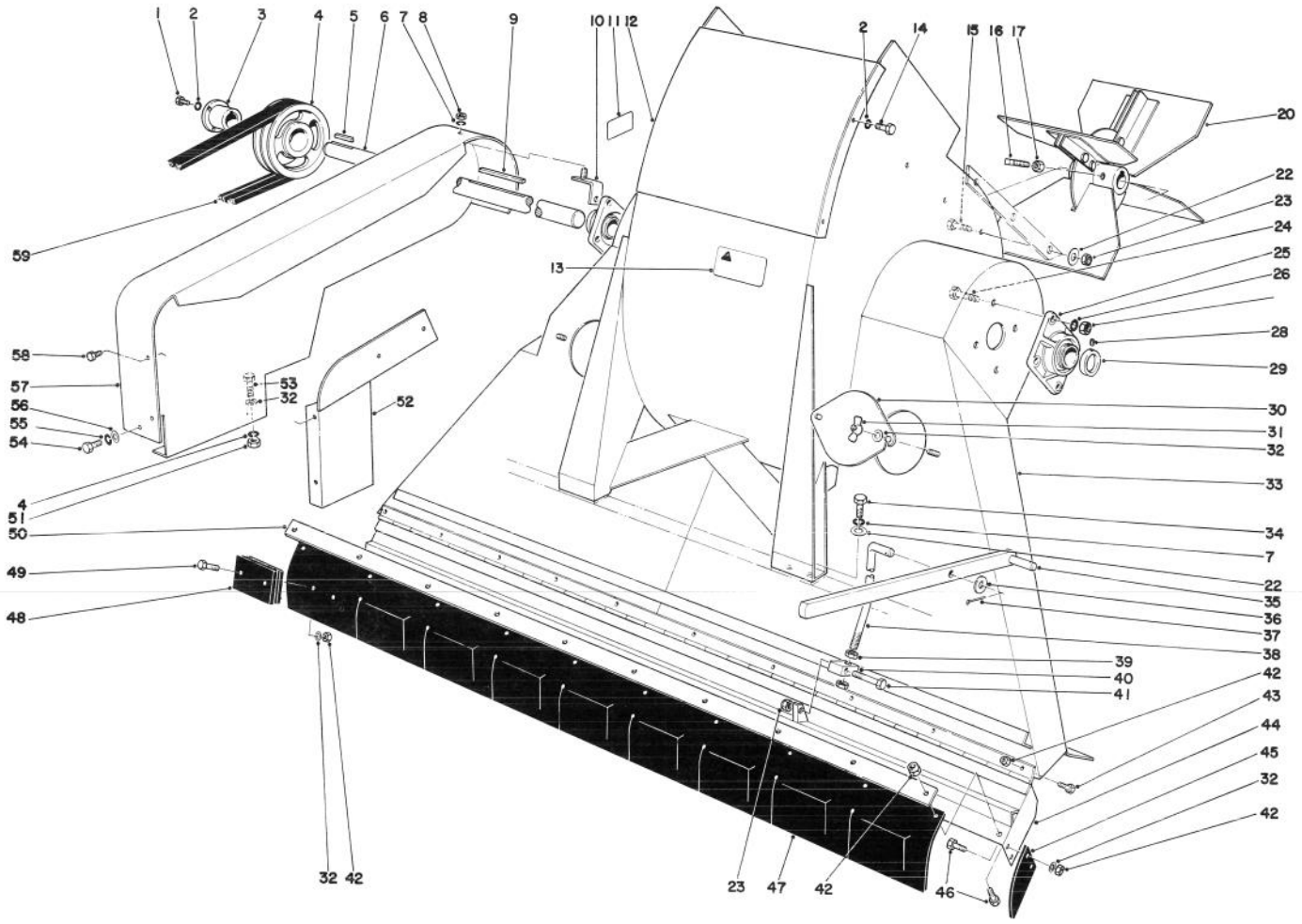
Ref. No.	Part No.	Description	No. Used
51	3217-5	Nut	2
52	322-1	Capscrew	1
53	3256-23	Flat Washer	1
54	13-4800	Belt Guard	1
55	321-4	Capscrew	2
56	13-6410	Decal	1
57	13-2640	Belt	1



BLOWER AND THROAT ASSEMBLY (Model 07174)

Ref. No.	Part No.	Description	No. Used
1	321-8	Capscrew	3
2	3253-3	Lockwasher	9
3	13-6070	Bushing (Incl. Ref. #1 & 2)	1
4	13-6030	Pulley	1
5	13-2240	Square Key	1
6	13-3790	Fan Shaft	1
7	3253-21	Lockwasher	9
8	3217-7	Nut	1
9	13-2810	Square Key	1
10	13-3350	Mounting Bracket	1
11	13-6470	Decal	1
12	13-3850	Blower Access Plate	1
13	13-6410	Decal	1
14	321-2	Capscrew	4
15	323-7	Capscrew	6
16	3244-14	Square Hd. Set Screw	4
17	3218-5	Nut	4
20	13-3420	Fan Assembly	1
22	3256-24	Flat Washer	14
23	3296-39	Locknut	7
24	325-6	Capscrew	8
25	56-6220	Bearing (Incl. Ref. #28 & 29)	2
26	3253-7	Lockwasher	8

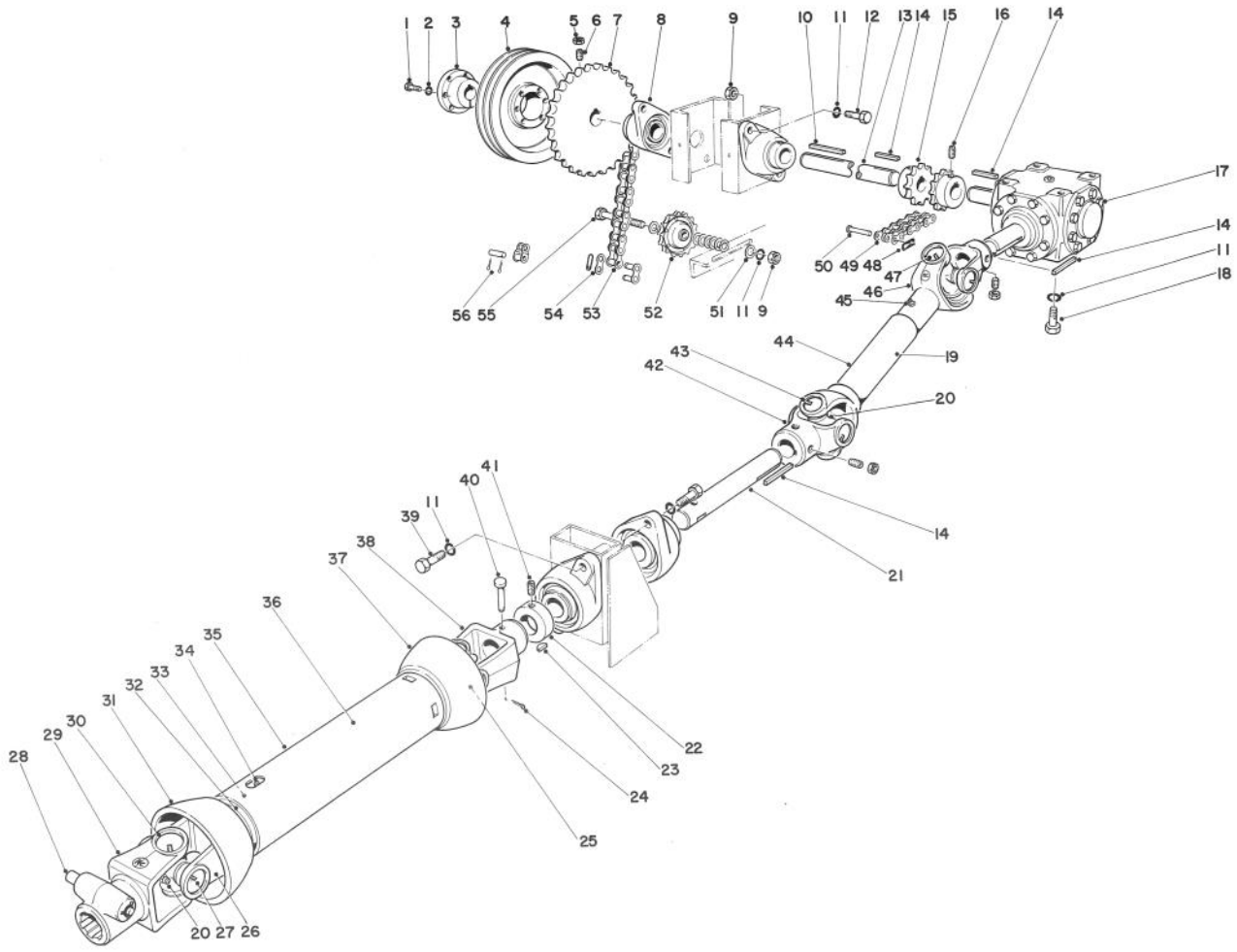
Ref. No.	Part No.	Description	No. Used
27	3217-9	Nut	8
28		Set Screw	2
29		Locking Collar	2
30	13-1420	Inspection Cover	2
31	32103-12	Wing Nut	4
32	3256-22	Flat Washer	28
33	13-6280	Blower and Throat (Incl. Ref. #2, 12, 14, 30-32)	1
34	323-6	Capscrew	8
35	13-6390	Flap Handle	1
36	3256-27	Flat Washer	1
37	3272-12	Cotter Pin	1
38	13-6360	Lift Rod	1
39	3218-6	Jam Nut	2
40	13-0330	Pivot Block	1
41	323-9	Capscrew	1
42	3296-42	Lock Nut	42
43	321-3	Capscrew	10
44	13-4760	Lower Flap	1
45	13-3130	End Flap	2
46	321-5	Capscrew	14
47	13-4700	Rubber Flap (Incl. Ref.#32, 42, 48 & 49)	1



BLOWER AND THROAT ASSEMBLY (Model 07174) (Continued)

Ref. No.	Part No.	Description	No. Used
48	13-4560	Flap Weight	18
49	321-8	Capscrew	18
50	13-1390	Flap Retainer	1
51	3217-5	Hex Nut	2
52	13-6090	Side Guard Cover	1
53	321-4	Capscrew	2

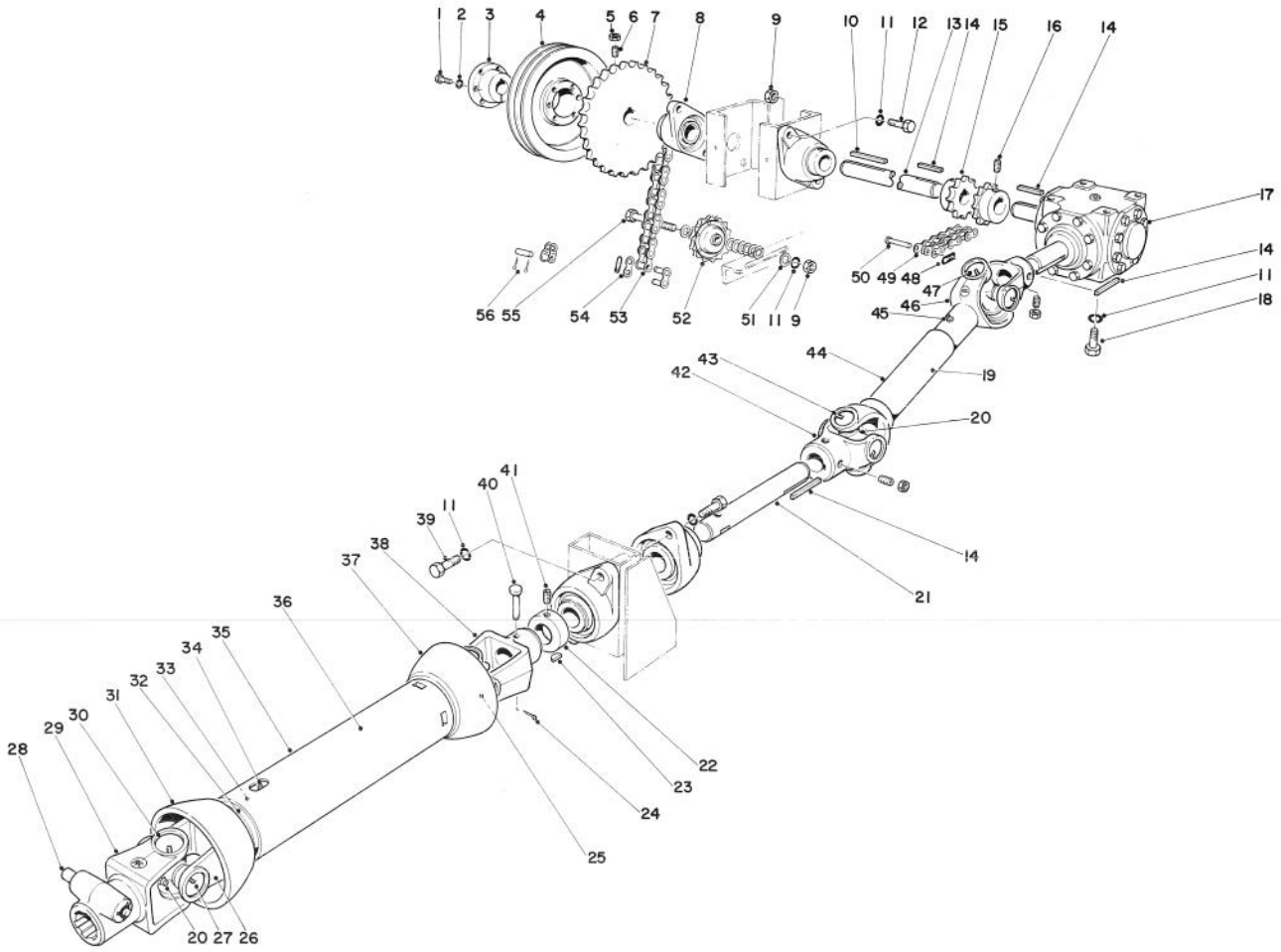
Ref. No.	Part No.	Description	No. Used
54	322-1	Capscrew	1
55	3253-4	Lockwasher	1
56	3256-23	Flat Washer	1
57	13-4800	Belt Guard	1
58	32104-109	Screw	4
59	13-2640	Belt	1



DRIVE MECHANISM (Model 07174)

Ref. No.	Part No.	Description	No. Used
1	322-10	Capscrew	3
2	3253-4	Lockwasher	3
3	13-6050	Bushing (Incl. Ref. #1 & 2)	1
4	13-6020	Sheave	1
5	3218-3	Jam Nut	6
6	3247-6	Set Screw	6
7	13-6110	Sprocket	1
8	56-6250	Bearing (Incl. Ref. #22 & 41)	4
9	3217-9	Nut	5
10	13-3720	Square Key	1
11	3253-7	Lockwasher	13
12	325-6	Capscrew	4
13	13-5910	Side Drive Shaft	1
14	5-0738	Square Key	4
15	13-6690	Coupling Half	2
16	3247-3	Set Screw	4
17	13-5990	Gear Box Complete	1
18	325-4	Capscrew	4
19	13-6010	Universal Shaft – Rear (Incl. Ref. #20 & 42-47)	1
20	2115-80	Grease Fitting	4
21	13-5900	Front Drive Shaft	1
22		Eccentric Locking Collar	4

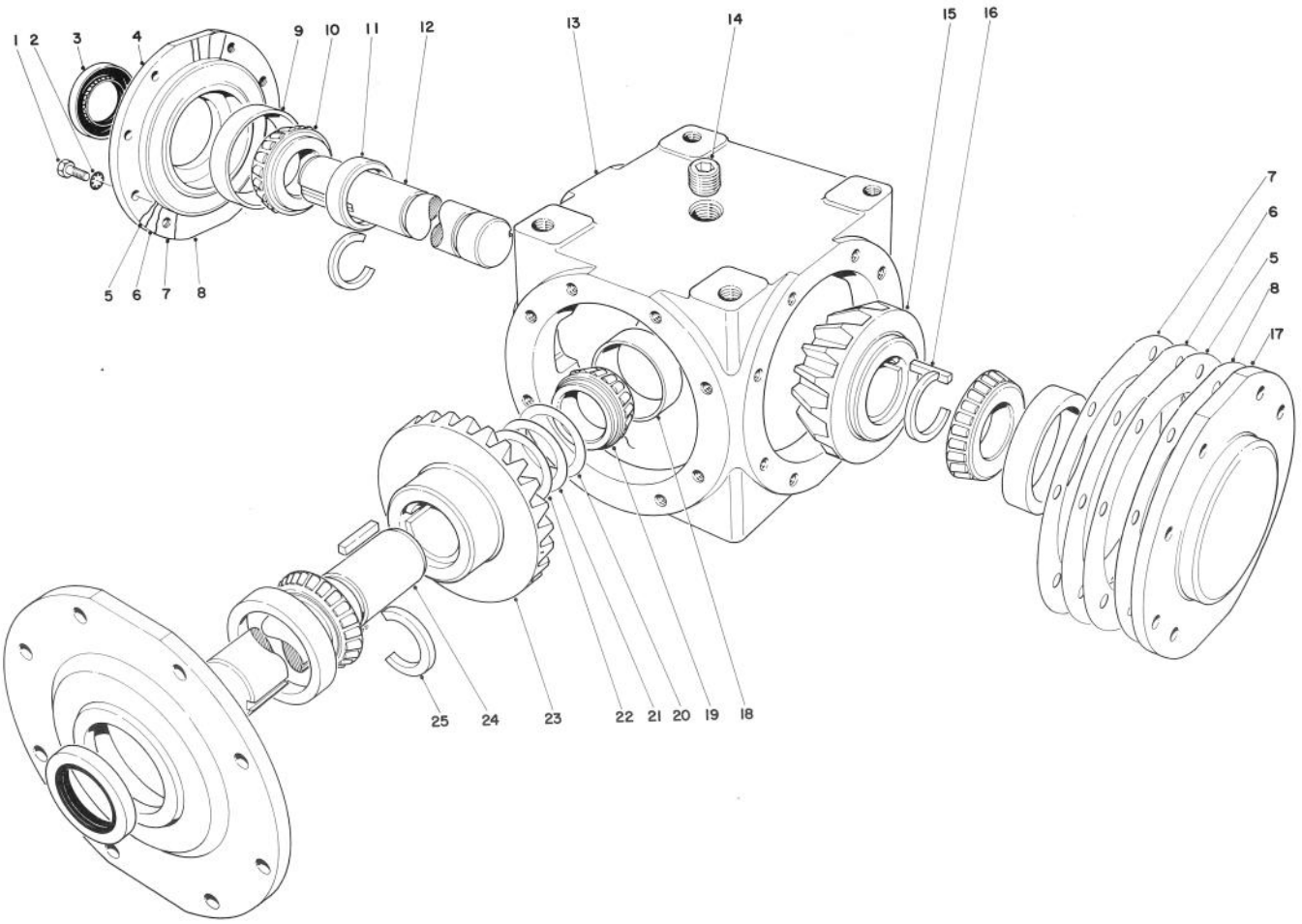
Ref. No.	Part No.	Description	No. Used
23	3257-8	Key	1
24	3272-10	Cotter Pin	1
25	2115-84	Yoke Sub Assembly	1
26	2115-87	Yoke and Shaft	1
27	2115-79	Lock Ring	8
28	2115-77	Quick Detach Pin	1
29	2115-89	Yoke	1
30	2115-88	Center Parts Kit	2
31	2115-92	Shield	1
32	2115-93	Shield	1
33	2115-86	Support Bearing	1
34	2115-85	Grease Fitting	1
35	2115-91	Shield	1
36	13-6040	Universal Shaft – Front (Incl. Ref. #20, 25-35 & 37-38)	1
37	2115-90	Shield	1
38	2115-94	Yoke	1
39	325-5	Capscrew	4
40	283-33	Pin	1
41		Set Screw	8
42	2115-81	Yoke	2
43	2115-76	Center Parts Kit	2



DRIVE MECHANISM (Model 07174) (Continued)

Ref. No.	Part No.	Description	No. Used
44	2115-83	Yoke and Shaft	1
45	302-2	Grease Fitting	1
46	2115-82	Yoke and Shaft	1
47	2115-78	Lock Ring	8
48		Clip-Connector Pin	1
49	13-6680	Chain	1
50	13-6670	Connector Pin (Incl. Ref. #48)	1

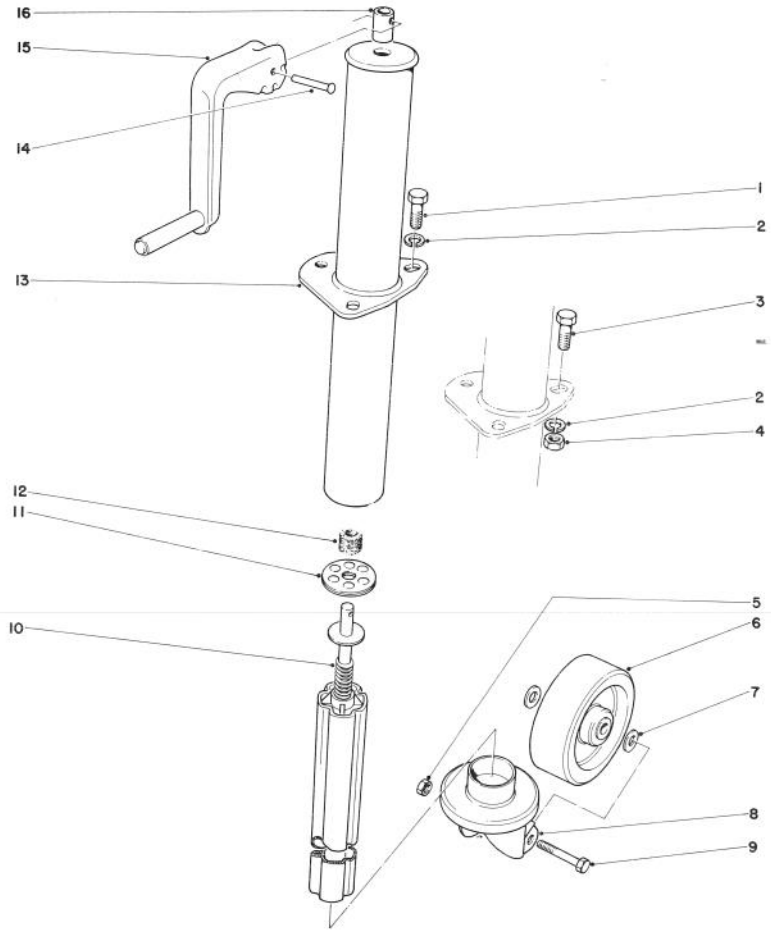
Ref. No.	Part No.	Description	No. Used
51	3256-26	Flat Washer	8
52	13-4570	Idler Sprocket	1
53	13-4590	Chain	1
54	2710-30	Connecting Link	1
55	325-11	Capscrew	1
56	2710-29	Offset Link	1



GEAR BOX ASSEMBLY (Model 07174)

Ref. No.	Part No.	Description	No. Used
1	322-5	Capscrew	24
2	3254-10	Lockwasher	24
3	13-6520	Seal	2
4	13-6500	Cap	2
5	13-6490	Gasket .002 Thk.	AR
6	13-6610	Gasket .003 Thk.	AR
7	13-6600	Gasket .005 Thk.	AR
8	13-6590	Gasket .015 Thk.	AR
9	254-20	Bearing Cup	3
10	254-97	Bearing Cone	3
11	13-6620	Thrust Collar	1
12	13-6510	Shaft	1
13	13-6650	Housing	1

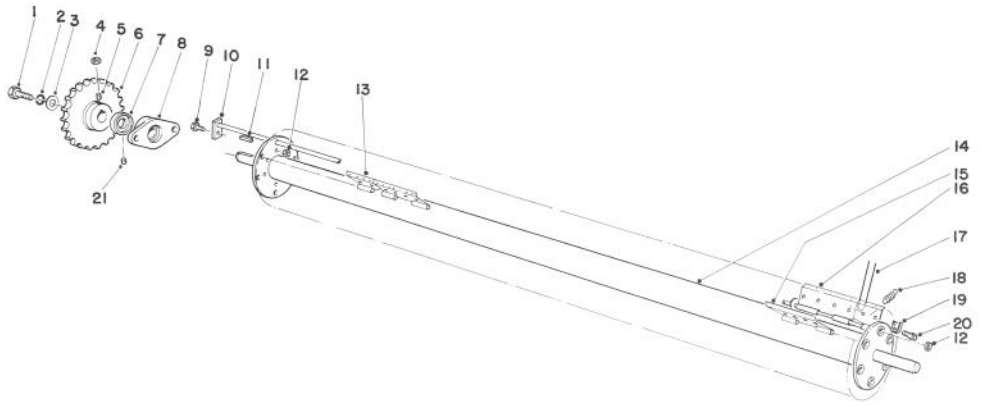
Ref. No.	Part No.	Description	No. Used
14	285-12	Pipe Plug	2
15	13-6660	Gear 17 Tooth	1
16	13-6570	Tapered Key	2
17	13-6580	Cap	1
18	254-61	Bearing Cup	1
19	254-62	Bearing Cone	1
20	13-6540	Shim .010 Thk.	AR
21	13-6630	Shim .005 Thk.	AR
22	13-6550	Shim .002 Thk.	AR
23	13-6530	Gear 23 Tooth	1
24	13-6560	Shaft	1
25	13-6640	Retaining Ring	3



JACK ASSEMBLY (Models 07073 & 07174)

Ref. No.	Part No.	Description	No. Used
1	323-4	Capscrew (Model 07073 only)	3
2	3253-21	Lockwasher	3
3	323-5	Capscrew (Model 07174 only)	3
4	3217-7	Nut (Model 07174 only)	3
5	3296-23	Nut	1
6	13-6460	Wheel	1
7	3256-26	Flat Washer	2
8	13-6450	Caster Wheel Bracket	1
9	325-13	Capscrew	1

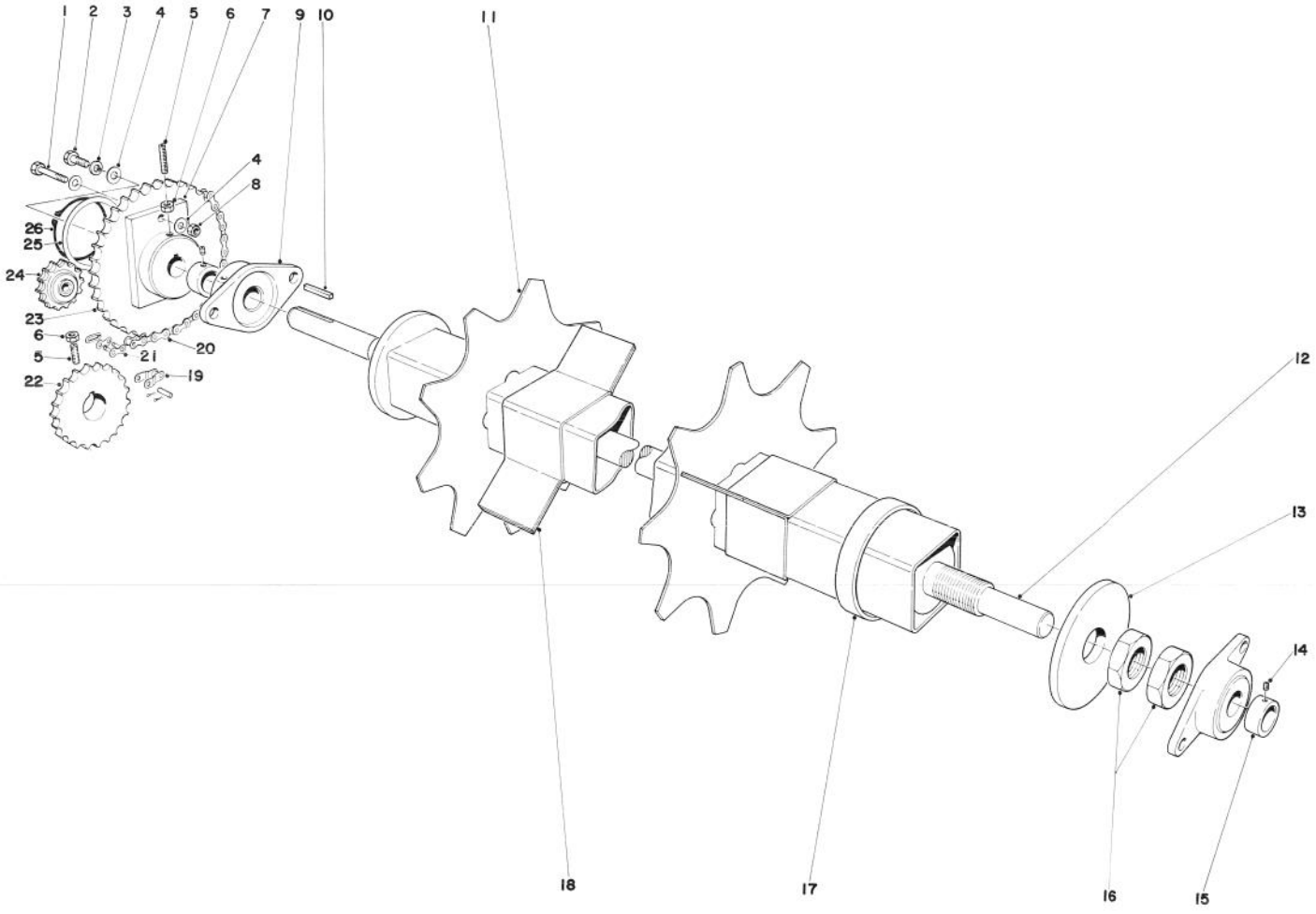
Ref. No.	Part No.	Description	No. Used
10	13-6750	Ram	1
11	13-3510	Thrust Bearing	1
12	13-3610	Felt Sleeve	1
13	13-5680	Jack Assembly (Incl. Ref. #10-16)	1
14	13-6730	Rivet	1
15	13-6740	Handle	1
16	13-3490	Sleeve	1



FLEX TIP REEL ASSEMBLY MODEL NO. 07079 (Optional)

Ref. No.	Part No.	Description	No. Used
1	321-4	Capscrew	1
2	3253-3	Lockwasher	1
3	13-3710	Special Washer	1
4	3218-3	Jam Nut	2
5	3247-6	Set Screw	2
6	13-4890	Sprocket	1
7		Locking Collar	2
8	56-6230	Bearing (Incl. Ref. #7 & 21)	2
9	323-4	Capscrew	6
10	13-4960	Finger Plate Shaft	6
11	13-2840	Square Key	1

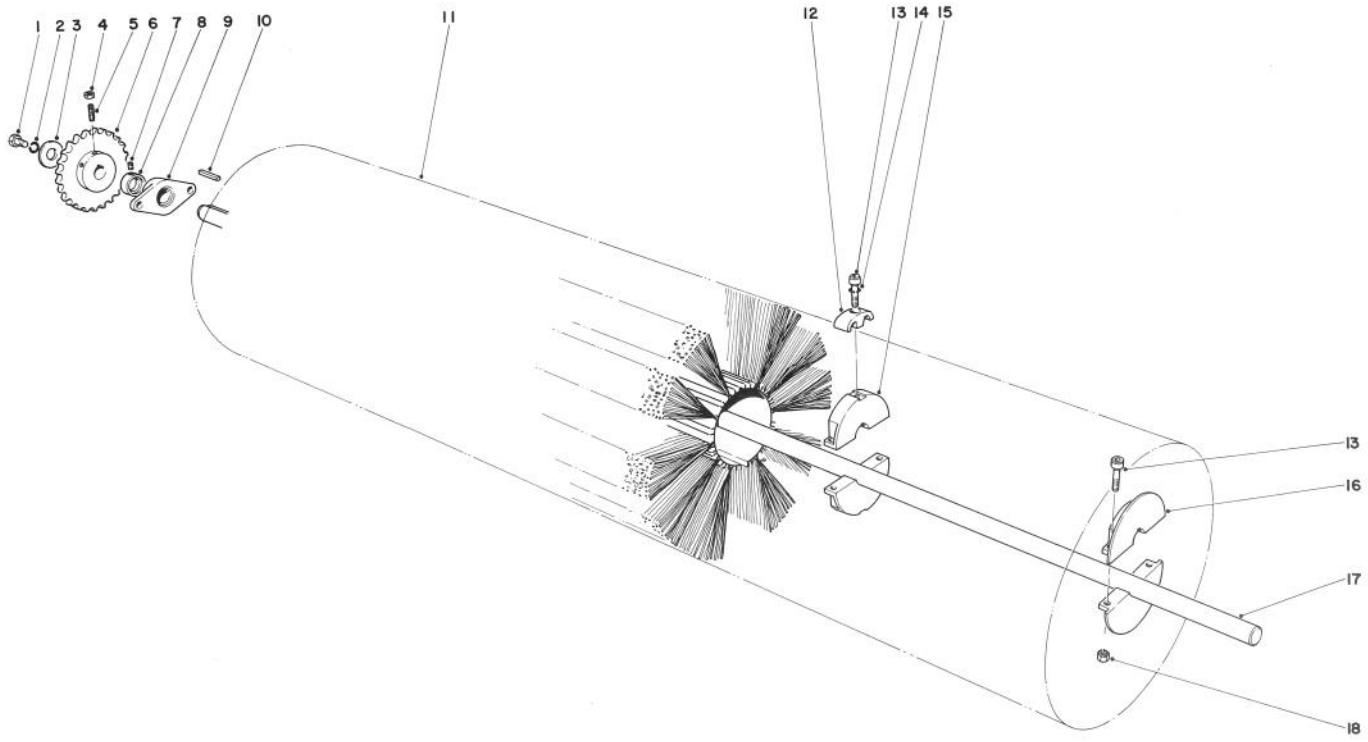
Ref. No.	Part No.	Description	No. Used
12	32152-2	Locknut	12
13	13-4930	Finger Plate	3
14	13-5250	Reel Rake	1
15	13-2450	Finger Plate	60
16	13-4940	Finger Plate	3
17	13-2470	Nylon Finger	276
18	13-3090	Spring	66
19	13-2480	Finger Clamp	276
20	32140-94	Capscrew	276
21		Set Screw	2



66" THATCHING ATTACHMENT MODEL NO. 07178 (Optional)

Ref. No.	Part No.	Description	No. Used
1	321-10	Capscrew	1
2	321-4	Capscrew	1
3	3253-3	Lockwasher	1
4	13-3710	Flat Washer	3
5	3247-8	Set Screw	4
6	3218-3	Jam Nut	4
7	13-7700	Hub-Torque Limiting	1
8	3296-8	Locknut	1
9	56-6230	Bearing (Incl. Ref. #14 & 15)	2
10	13-2840	Square Key	1
11	13-7540	Blade – 9 Tooth	16
12	13-7560	Shaft	1
13	13-7520	End Plate	1

Ref. No.	Part No.	Description	No. Used
14		Set Screw	2
15		Locking Collar	2
16	3218-17	Jam Nut	2
17	13-7530	End Spacer	1
18	13-7550	Spacer	15
19	2710-29	Offset Link	1
20	13-4580	Chain	1
21	2710-30	Connecting Link	1
22	13-7440	Drive Sprocket (18 Tooth)	1
23	13-7740	Sprocket (36 Tooth)	1
24	13-4570	Idler Sprocket	1
25	13-7640	Washer	1
26	32151-16	Retaining Ring	1

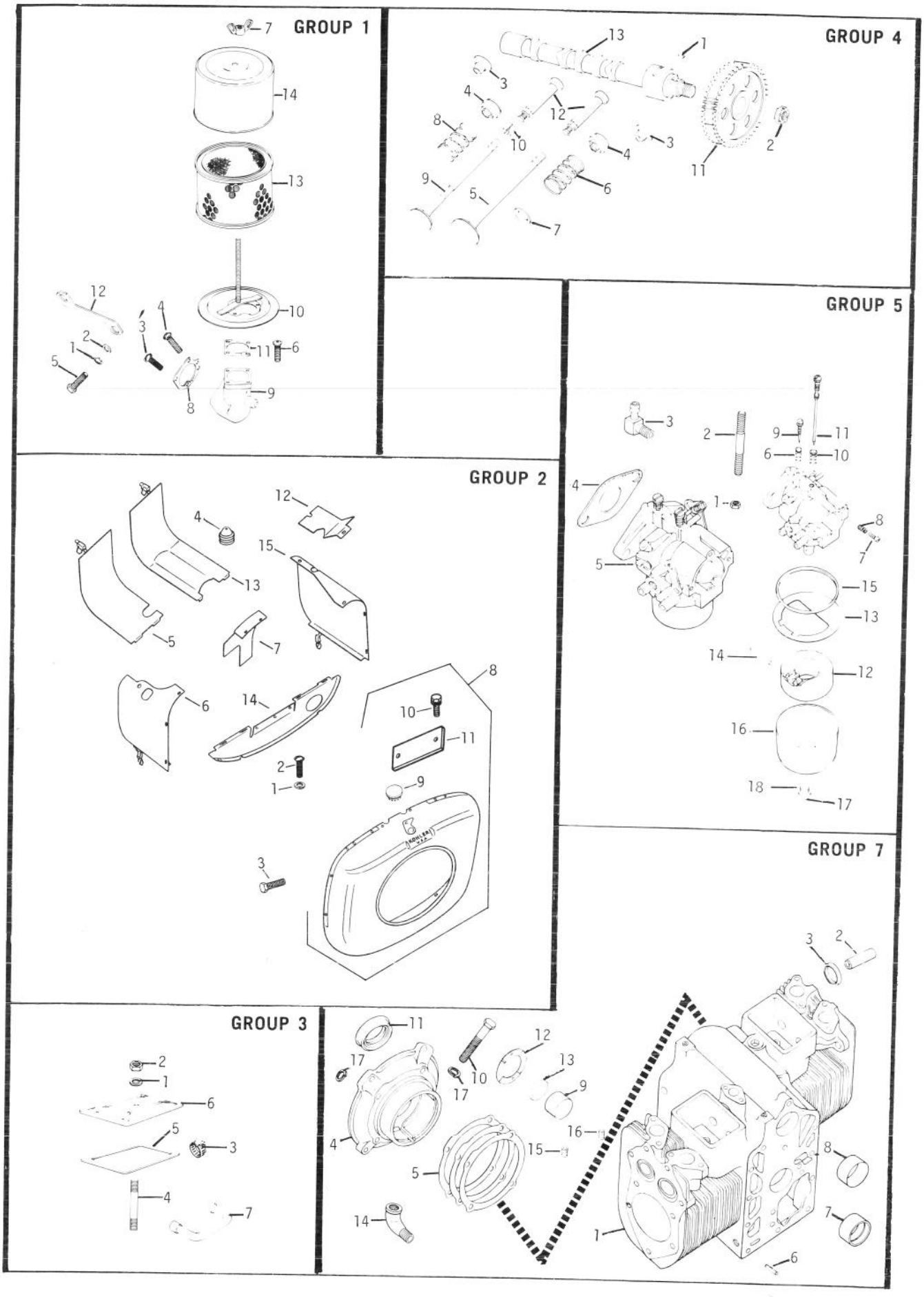


66" STREET BROOM ATTACHMENT MODEL NO. 07076 (Optional)

Ref. No.	Part No.	Description	No. Used
1	321-4	Capscrew	1
2	3253-3	Lockwasher	1
3	13-3710	Washer	1
4	3218-3	Jam Nut	2
5	3247-8	Set Screw	2
6	13-4890	Sprocket	1
7		Set Screw	2
8		Locking Collar	2
9	56-6230	Bearing (Incl. Ref. No's. 7 & 8)	2
10	13-2840	Square Key	1

Ref. No.	Part No.	Description	No. Used
11	13-3210	Brush Half	2
12	13-3180	Brush Clamp	6
13	3274-1	Hex Head Socket Capscrew	12
14	13-3360	Special Lockwasher	6
15	13-3190	Center Support (Incl. Ref. No's. 12, 13, 14 & 18)	1
16	13-3200	End Support (Incl. Ref. No's. 12, 13, 14 & 18)	2
17	13-4990	Brush Shaft	1
18	3217-7	Nut	6

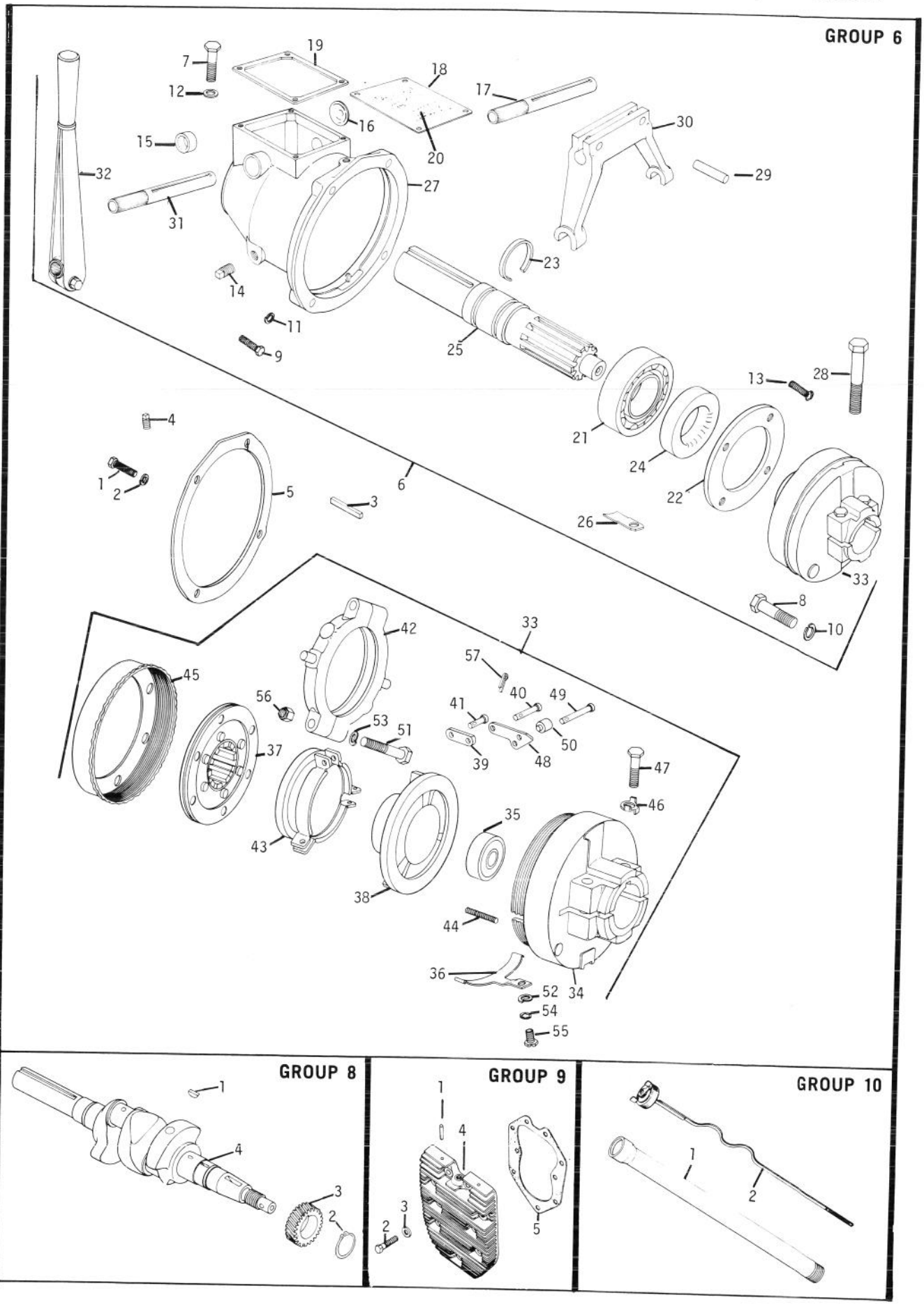
ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331



ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331

Ref. No.	Part No.	Description	No. Used
		AIR INTAKE – GROUP 1	
1	X-22-9	Washer, I.T.	2
2	X-25-79	Washer, Plain	1
3	X-50-37	Screw, R.H.M.	1
4	X-50-57	Screw, R.H.M.	2
5	X-132-5	Screw, H.C.	2
6	X-167-2	Screw, F.H.M.	4
7	X-276-7	Nut, Wing	1
8	277069	Gasket, Elbow	1
9	48 05417	Elbow, Air Cleaner	1
10	277071	Base, Air Cleaner	1
11	277093	Gasket, Air Cleaner	1
12	277116	Brace, Elbow	1
13	277138	Element, Air Cleaner	1
14	277142	Cover, Air Cleaner	1
		BAFFLES & SHROUD – GROUP 2	
1	X-20-1	Washer, Lock	2
2	X-73-1	Screw, R.H.M.	2
3	X-133-2	Screw, H.C.	9
4	243035	Grommet	1
5	277048	Baffle, #1 Barrel	1
6	277051	Baffle, #1 Cylinder Head	1
7	277054	Baffle, #1 Upper Cylinder	1
8	48 027 11	Blower Housing Assembly	1
9	X-301-8	Plug, Button	1
10	X-132-6	Screw, Hex. Hd.	2
11	41 096 23	Cover, Knock-Out	1
12	48 063 01	Baffle	1
13	277168	Baffle, #2 Barrel	1
14	277230	Baffle, Blower Housing Support	1
15	48 124 04	Baffle, #2 Cylinder Head	1
		BREATHER & VENT – GROUP 3	
1	X-25-12	Washer, Plain	2
2	X-81-1	Nut, Hex.	2
3	X-426-3	Clamp, Hose	2
4	220368	Stud, Valve Cover	2
5	270034	Gasket, Valve Cover	2
6	270036	Cover, Valve	2
7	277392	Hose, Breather	1
		CAMSHAFT & VALVES – GROUP 4	
1	X-43-1	Key, Woodruff	1
2	X-119-17	Nut, Jam	1
3	230011	Retainer, Valve Spring	2
4	230020	Rotator, Exhaust Valve	2
5	235008	Valve, Intake	2
6	235010	Spring, Valve	2
7	235011	Retainer, Valve Spring	4
8	235168	Spring, Exhaust Valve	2
9	237672	Valve, Exhaust	2
10	41 755 10	Kit, Retainer	4
11	277012	Gear, Camshaft	1
12	D-277031	Tappet	4
13	48 012 01	Camshaft	1
		CARBURETOR – GROUP 5	
1	X-82-5	Nut, Hex.	2
2	X-352-10	Stud	2
3	25 155 02	Connector, 90° Hose	1
4	271030	Gasket, Carburetor	1
5	48 053 06	Carburetor Assembly	1
6	200380	Spring, Idle Speed	1
7	234945	Screw, Idle Fuel Adj.	1
8	200380	Spring, Idle Fuel	1
9	277210	Needle, Idle Adj.	1
10	200383	Spring, Main Fuel	1
11	48 103 01	Needle, Main Fuel Adj.	1
12	25 757 03	Kit, Float	1
13	25 041 02	Gasket, Bowl Baffle	1
14	200376	Pin, Float Hinge	1
15	200375	Gasket, Bowl	1
16	235448	Bowl, Fuel	1
17	47 100 06	Screw, Bowl Retainer	1
18	200372	Gasket, Bowl Retainer Screw	1
19	25 757 02	Kit, Carburetor Repair	1
		CRANKCASE – GROUP 7	
1	48 005 03	Crankcase Assembly	1
2	235007-S	Guide, Valve	4
3	230265	Insert, Exhaust Valve	2
4	277199	Plate, Rear Closure	1
5	277087	Gasket, Rear Closure Plate	1
5	277103	Gasket, Rear Closure Plate	A.R.
5	277115	Gasket, Rear Closure Plate	A.R.
6	277134	Pin, Drive Lock	4
7	277208	Bearing	2
8	277038	Bushing, Camshaft	1
9	277039	Bushing	1
10	270956	Screw, Cylinder Head	4
11	277065	Seal, Rear Oil	1
12	277121	Washer, Thrust	2
13	160037	Plug, Welch	1
14	48 283 03	Elbow, Street	1
15	47 139 01	Plug, Pipe	1
16	X-75-23	Plug, Pipe	4
17	X-22-1	Washer, Lock	1

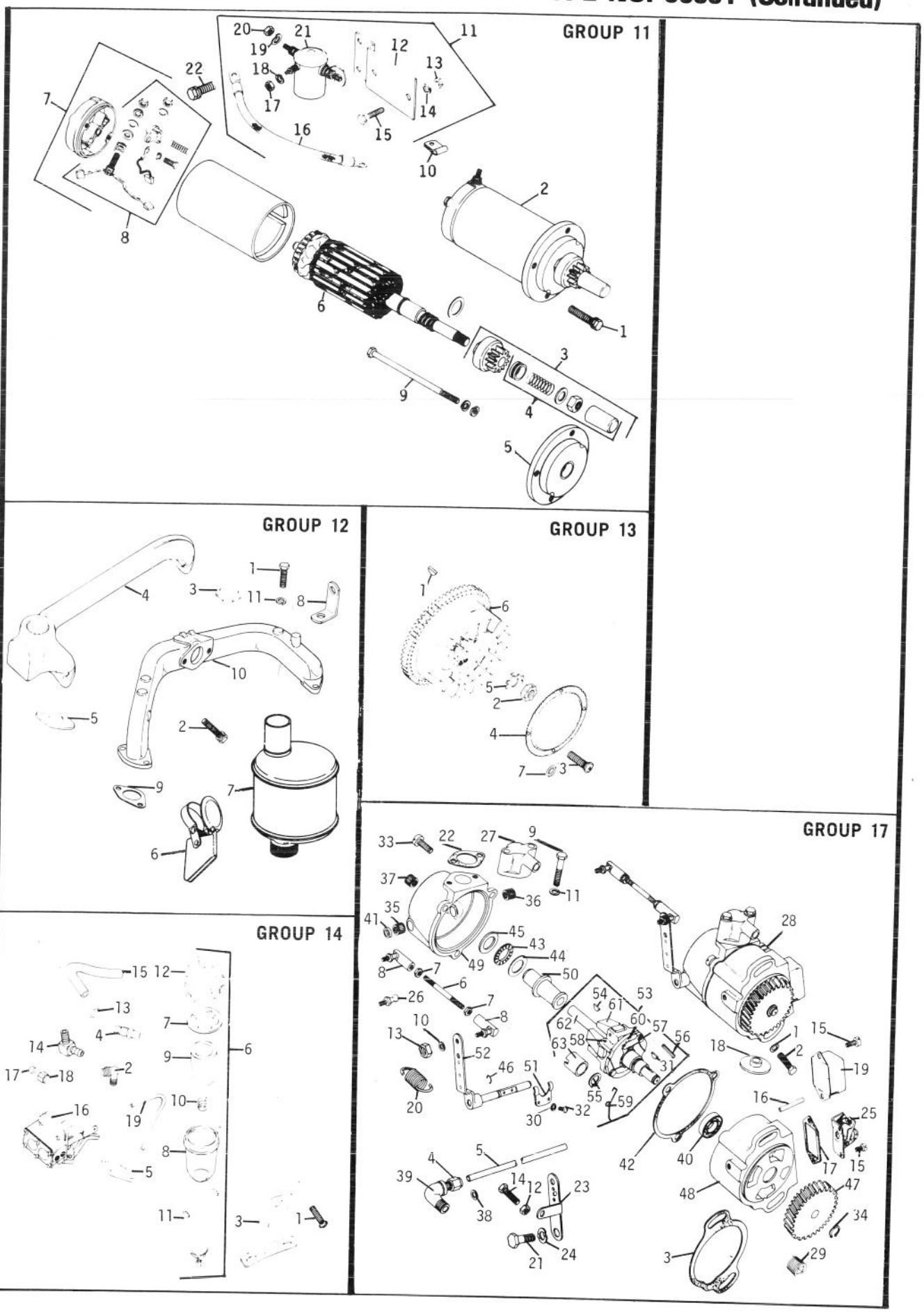
ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)



ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

Ref. No.	Part No.	Description	No. Used
		CLUTCH – GROUP 6	
1	X-8-20	Screw, H.C.	4
2	X-23-1	Washer, Lock	4
3	X-286-8	Key	1
4	270219	Plug, Vent	1
5	274042	Gasket, Clutch	1
6	B-274041	Clutch Assembly	1
7	X-5-4	Screw, H.C.	4
8	X-5-7	Screw, H.C.	2
9	X-7-2	Screw, H.C.	1
10	X-20-1	Washer, Lock	2
11	X-22-1	Washer, Lock	3
12	X-25-37	Washer, Plain	4
13	X-50-13	Screw, R.H.	4
14	X-75-2	Plug, Pipe	2
15	X-271-19	Seal, Oil	1
16	X-230-20	Plug, Welch	1
17	234025	Shaft, Yoke	1
18	234032	Cover	1
19	234033	Gasket, Clutch Cover	1
20	234089	Plate, Instruction	1
21	234035	Bearing, Ball	1
22	234036	Plate, Bearing Retainer	1
23	234037	Ring, Snap	2
24	234038	Seal, Oil	1
25	234039	Shaft, Drive	1
26	234040	Key	2
27	234074	Housing, Power Take Off	1
28	234145	Screw, Drive	2
29	274101	Pin, Roll	2
30	A-234027	Yoke, Clutch	1
31	274117	Shaft, Yoke	1
32	A-234026	Lever, Shifting	1
33	A-234075	Clutch Assembly	1
34	234041	Housing, Clutch	1
35	234042	Bearing	1
36	234043	Lock, Adjusting	1
37	A-234044	Member, Driven	1
38	A-234045	Plate, Pressure	1
39	234050	Link Connecting	6
40	234051	Pin, Link (long)	3
41	234052	Pin, Link (short)	3
42	A-234053	Bearing, Release	1
43	234054	Sleeve, Release	1
44	234055	Sleeve, Return	3
45	234056	Ring, Adjusting	1
46	234057	Lock, Screw	2
47	234073	Screw, H.C.	1
48	234046	Lever, Pressure Plate	6
49	234047	Pin, Lever	3
50	234048	Roller	3
51	X-7-29	Screw, H.C.	2
52	X-21-1	Washer, Lock	1
53	X-22-1	Washer, Lock	2
54	X-22-11	Washer, I.T.	1
55	X-52-22	Screw, Fil. Hd.	1
56	X-83-4	Nut, Hex	2
57	X-36-4	Pin, Cotter	6
		CRANKSHAFT – GROUP 8	
1	X-42-15	Key, Woodruff	1
2	X-269-32	Ring, Retaining	1
3	277009	Gear, Crankshaft	1
4	48 014 02	Crankshaft	1
		CYLINDER HEAD – GROUP 9	
1	48 133 03	Pin, Roll	2
2	270158	Screw, H.C.	18
3	270889	Washer	18
4	48 015 02	Head, Cylinder	2
5	48 052 01	Gasket, Cylinder Head	2
		DIPSTICK – GROUP 10	
1	271829	Tube, Dipstick	1
2	277357	Dipstick	1

ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)



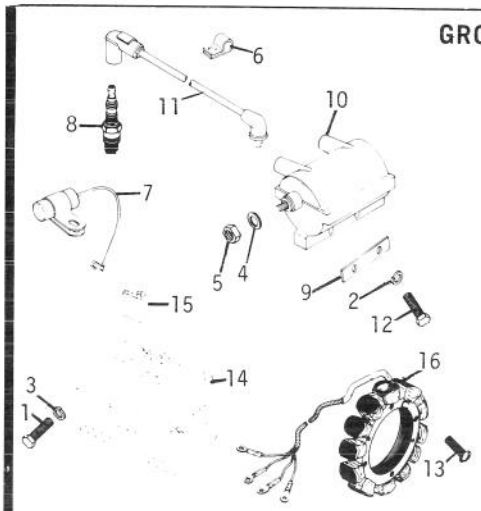
ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

Ref. No.	Part No.	Description	No. Used
		ELECTRIC START – GROUP 11	
1	X-154-1	Screw, H.C.	3
2	48 098 02	Starter Assembly	1
3	48 755 02	Kit, Drive	1
4	48 755 13	Kit, Drive Parts	1
5	48 227 03	Cap, Drive End	1
6	277605	Armature	1
7	48 227 04	Cap, Commutator End	1
8	48 755 15	Kit, Brush	1
9	48 211 01	Thru Bolt	2
10	270154	Clip, Cable	2
11	48 217 04	Solenoid Assembly	1
12	48 126 15	Bracket, Solenoid	1
13	X-81-1	Nut, Hex.	2
14	X-20-1	Washer, Lock	2
15	X-5-13	Screw, H.C.	2
16	48 518 12	Lead 6" (Solenoid to Starter)	1
17	X-72-4	Nut, Hex	1
18	X-18-2	Washer, Lock	1
19	X-21-1	Washer, Lock	2
20	X-77-2	Nut, Hex.	2
21	48 404 03	Solenoid	1
22	X-133-2	Screw, Hex. Hd.	2
		EXHAUST – GROUP 12	
1	X-55-15	Screw, H.C.	4
2	X-154-4	Screw, H.C.	4
3	156153	Nut, Lock	1
4	277013	Manifold, Exhaust	1
5	277091	Gasket, Manifold	2
6	277363	Cap, Muffler	1
7	277364	Muffler	1
8	47 445 01	Strap, Lifting	2
9	48 052 02	Gasket, Intake	2
10	48 164 02	Manifold, Intake	1
11	X-21-1	Washer, Lock	4
		FLYWHEEL – GROUP 13	
1	X-45-3	Key, Woodruff	1
2	X-80-1	Nut, Hex.	1
3	47 086 08	Screw, T.H.	4
4	277470	Screen, Grass	1
5	277595	Nut, Lock	1
6	48 025 14	Flywheel	1
7	X-25-52	Washer, Plain	4
		FUEL PUMP – GROUP 14	
1	47 086 08	Screw, F.H.	2
2	231510	Elbow	2
3	277132	Bracket, Fuel Filter	1
4	277483	Nipple	1
5	277649	Gasket, Fuel Pump	1
6	A-201073	Filter, Fuel Assembly	1
7	270690	Gasket, Ring Bowl	1
8	270691	Bowl, Filter	1
9	270782	Element, Ceramic	1
10	270783	Spring, Filter Retaining	1
11	270784	Retainer, Spring	1
12	270785	Body, Filter	1
13	X-426-9	Clamp, Hose	1
14	X-391-1	Connector, 90° Hose	1
15	X-810-3	Line, Fuel	1
16	A-277539	Pump, Fuel	1
17	220547	Sleeve	2
18	220786	Nut	2
19	277591	Line, Fuel	1
	271736	Kit, Fuel Pump Repair	1

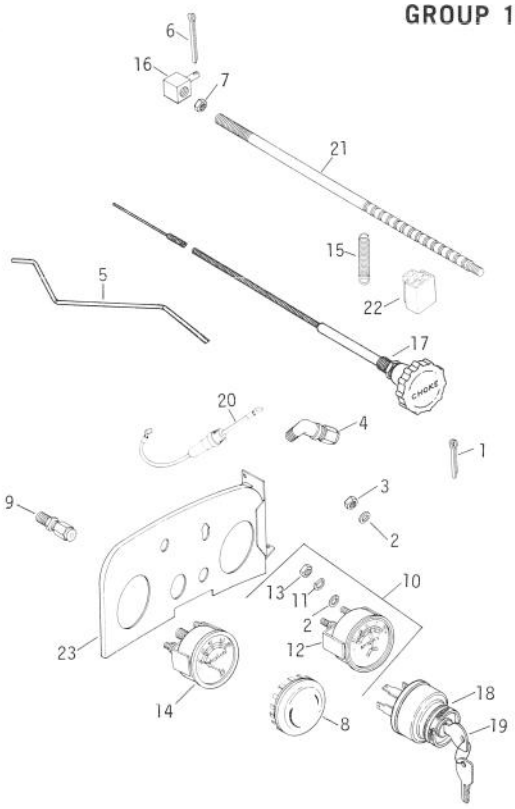
Ref. No.	Part No.	Description	No. Used
		GOVERNOR – GROUP 17	
1	X-25-20	Washer, Plain	2
2	X-154-3	Screw, H.C.	2
3	277078	Gasket, Governor Housing	1
4	X-343	Connector	1
5	48 353 05	Line, Oil	1
6	271151	Rod, Throttle	1
7	X-70-3	Nut, Hex.	2
8	45 208 03	Joint, Ball	1
9	X-5-26	Screw, H.C.	2
10	X-19-1	Washer, Lock	1
11	X-20-1	Washer, Lock	2
12	X-70-2	Nut, Hex.	1
13	X-70-3	Nut, Hex.	1
14	X-97-4	Screw, H.H.M.	4
15	X-131-1	Screw,	4
16	X-489-8	Rod, Breaker Push	1
17	52 041 11	Gasket, Breaker Cover	1
18	220074	Diaphragm	1
19	232535	Cover, Breaker	1
20	271547	Spring Governor	1
21	275691	Screw Shoulder	1
22	277073	Gasket	1
23	277080	Lever, Throttle	1
24	277341	Washer, Tension	1
25	48 150 03	Breaker	1
26	48 194 01	Ball	1
27	A-277905	Cover	1
28	48 310 28	Kit, Governor	1
29	X-75-3	Plug, Pipe	1
30	X-18-1	Washer, Lock	2
31	X-42-2	Key, Woodruff	1
32	X-49-1	Screw, R.H.M.	2
33	X-174-2	Screw, F.H.	3
34	X-269-15	Ring, Retainer	1
35	X-293-3	Bearing, Needle	1
36	X-293-2	Bearing, Needle	1
37	48 030 02	Bearing, Needle	1
38	237022	Washer	1
39	X-324-7	Elbow	1
40	240202	Bearing, Ball	1
41	275055	Seal, Oil	1
42	277099	Gasket, Governor Cover	1
43	277100	Bearing, Roller Thrust	1
44	277101	Race, Thrust Bearing	1
45	277102	Race, Thrust Bearing	1
46	277104	Ring, Retaining	1
47	277561	Gear, Governor	1
48	48 081 02	Housing	1
49	48 096 05	Cover, Governor	1
50	48 755 01	Kit, Sleeve	1
51	48 471 02	Yoke, Governor	1
52	48 087 03	Lever, Governor	1
53	48 420 08	Shaft, Governor Assy.	1
54	X-42-8	Key, Woodruff	1
55	X-269-4	Ring, Retaining	1
56	X-280-8	Pin, Roll	1
57	230080	Pin, Flyweight	2
58	230134	Pin, Gov. Weight	4
59	48 089 01	Spring	2
60	277114	Flyweight	2
61	277117	Weight, Governor	4
62	277007	Shaft, Governor	1
63	48 149 04	Breaker, Cam	1

ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

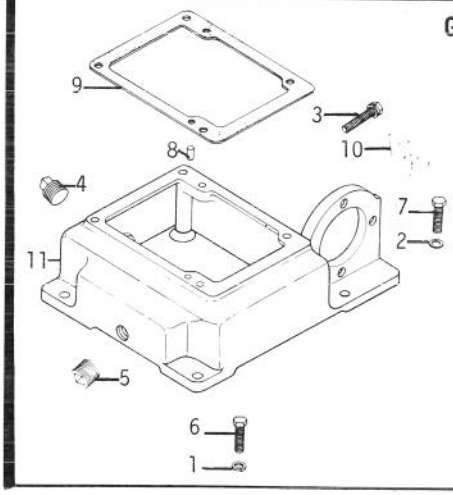
GROUP 18



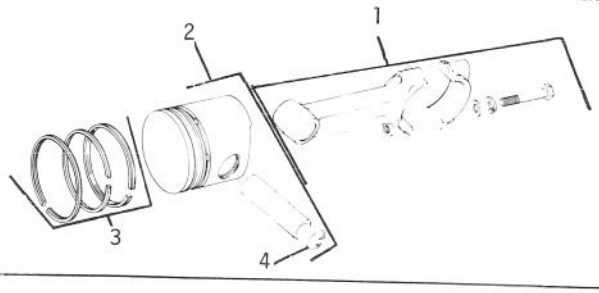
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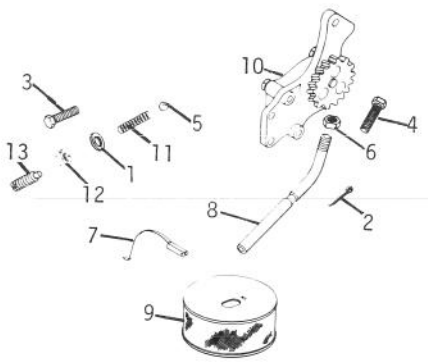
GROUP 21



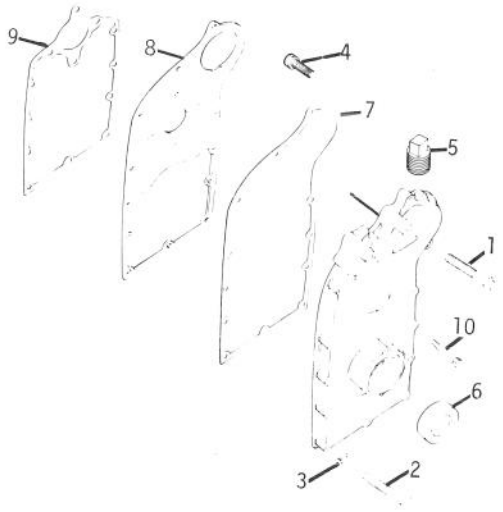
GROUP 22



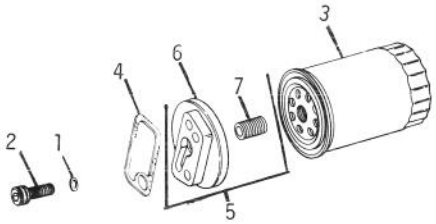
GROUP 25



GROUP 26



GROUP 29



ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

Ref. No.	Part No.	Description	No. Used
		IGNITION — Group 18	
1	X-5-26	Screw, H.C.	2
2	X-19-1	Washer, Lock	2
3	X-20-1	Washer, Lock	2
4	X-25-63	Washer, Plain	1
5	X-70-3	Nut, Hex	2
6	210281	Clip, Cable	2
7	230722	Condenser	1
8	235041-S	Plug, Spark	2
9	271694	Plate, Coil Mounting	2
10	277375	Coil	1
11	48 348 04	Lead, High Tension	2
12	X-132-6	Screw, H.C.	2
13	X-778-1	Screw, R.H.M.	4
14	41 403 06	Regulator	1
15	237429	Connector	1
16	237878	Stator	1
		INSTRUMENT PANEL — GROUP 19	
1	X-36-4	Pin, Cotter	1
2	X-25-7	Washer, Plain	6
3	X-70-8	Nut, Hex.	1
4	X-324-7	Elbow 1/8 N.P.T.F.	1
5	277534	Line, Oil Gauge	1
6	X-36-1	Pin, Cotter	1
7	X-82-5	Nut, Hex.	1
8	X-301-8	Button, Plug	1
9	X-721-1	Connector, Female	1
10	48 755 18	Kit, Ammeter	1
11	X-19-1	Washer, Lock	3
12	48 126 09	Bracket, Ammeter	1
13	X-70-8	Nut, Hex.	3
14	270231	Gauge, Oil Pressure	1
15	270409	Spring	1
16	270410	Block, Swivel	1
17	277148	Cable, Choke	1
18	48 099 01	Switch, Key	1
19	48 340 01	Key	1
20	48 323 02	Holder, Fuse (Includes 41 304 01 Fuse)	1
21	48 420 03	Shaft, Governor Control	1
22	48 155 01	Connector	1
23	277173	Panel, Instrument	1
*	25 518 11	Lead, 14 ga. — 18" uninsulated push on tab, insulated barrel eyelet terminals	1
*	47 518 22	Lead, 14 ga. — 12" uninsulated push on tab terminals	1
*	41 304 01	Fuse	1
		OIL PAN — GROUP 21	
1	X-22-1	Washer, Lock	4
2	X-25-44	Washer, Plain	1
3	X-67-62	Screw, Tapping	1
4	X-75-6	Plug, Pipe	1
5	X-75-18	Plug, Pipe	1
6	X-129-11	Screw, H.C.	4
7	X-154-6	Screw, H.C.	1
8	230125-S	Pin, Dowel	2
9	277014	Gasket, Oil Pan	1
10	48 126 08	Bracket, Starter Support	1
11	48 755 17	Kit, Oil Pan	1
		PISTON & ROD — GROUP 22	
1	48 067 12	Rod, Conn. Assy. (Std.)	2
	48 067 13	Rod, Conn. Assy. (.010)	2
2	48 074 26	Piston Assy. (Std.)	2
	48 074 27	Piston Assy. (.003)	2
	48 074 28	Piston Assy. (.010)	2
	48 074 29	Piston Assy. (.020)	2
	48 074 30	Piston Assy. (.030)	2
3	48 108 05	Ring Set (Std. & .003)	2
	48 108 06	Ring Set (.010)	2
	48 108 07	Ring Set (.020)	2
	48 108 08	Ring set (.030)	2
4	47-018 01	Retainer	4
		OIL PUMP — GROUP 25	
1	X-25-94	Washer, Plain	1
2	X-36-6	Pin, Cotter	1
3	X-154-2	Screw, H.C.	1
4	X-154-5	Screw, H.C.	1
5	X-212-3	Ball, Steel	1
6	X-629-1	Palnut	1
7	270085	Clip, Oil Tube	1
8	277201	Tube, Oil Inlet	1
9	277202	Strainer, Oil	1
10	48 393 23	Pump, Oil	1
11	48 089 03	Spring Relief Valve	1
12	X-101-6	Nut, Elastic Stop	1
13	277694	Screw, Socket Set	1
		GEAR COVER — GROUP 26	
1	X-6-11	Screw, H.C.	4
2	X-6-22	Screw, H.C.	7
3	X-21-1	Washer, Lock	14
4	X-55-6	Screw, H.C.	1
5	X-75-2	Plug, Pipe	1
6	52 032 08	Seal, Front Oil	1
7	277020	Gasket, Gear Cover	1
8	277021	Plate, Gear Cover	1
9	277022	Gasket, Gear Cover Plate	1
10	277086	Screw, H.C.	2
11	277493	Cover, Gear	1
		OIL FILTER — GROUP 29	
1	X-25-44	Washer, Plain	2
2	X-55-9	Screw, H.C.	2
3	277233	Filter, Oil	1
4	48 041 03	Gasket	1
5	48 180 03	Adapter, Filter Assembly	1
6	49 029 02	Adapter, Oil Filter	1
7	277234	Nipple	1
	48 522 33	Short Block	1
	48 755 03	Gasket Set w/Seals	1
	48 004 01	Gasket Set w/o Seals	1

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

Model and Serial Numbers

The Rake-O-Vac has two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is located on left side of frame behind hitch. In any correspondence concerning the Rake-O-Vac, supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial numbers of the Rake-O-Vac.

2. Part number, description, and 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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