FORM NO. 3326–431

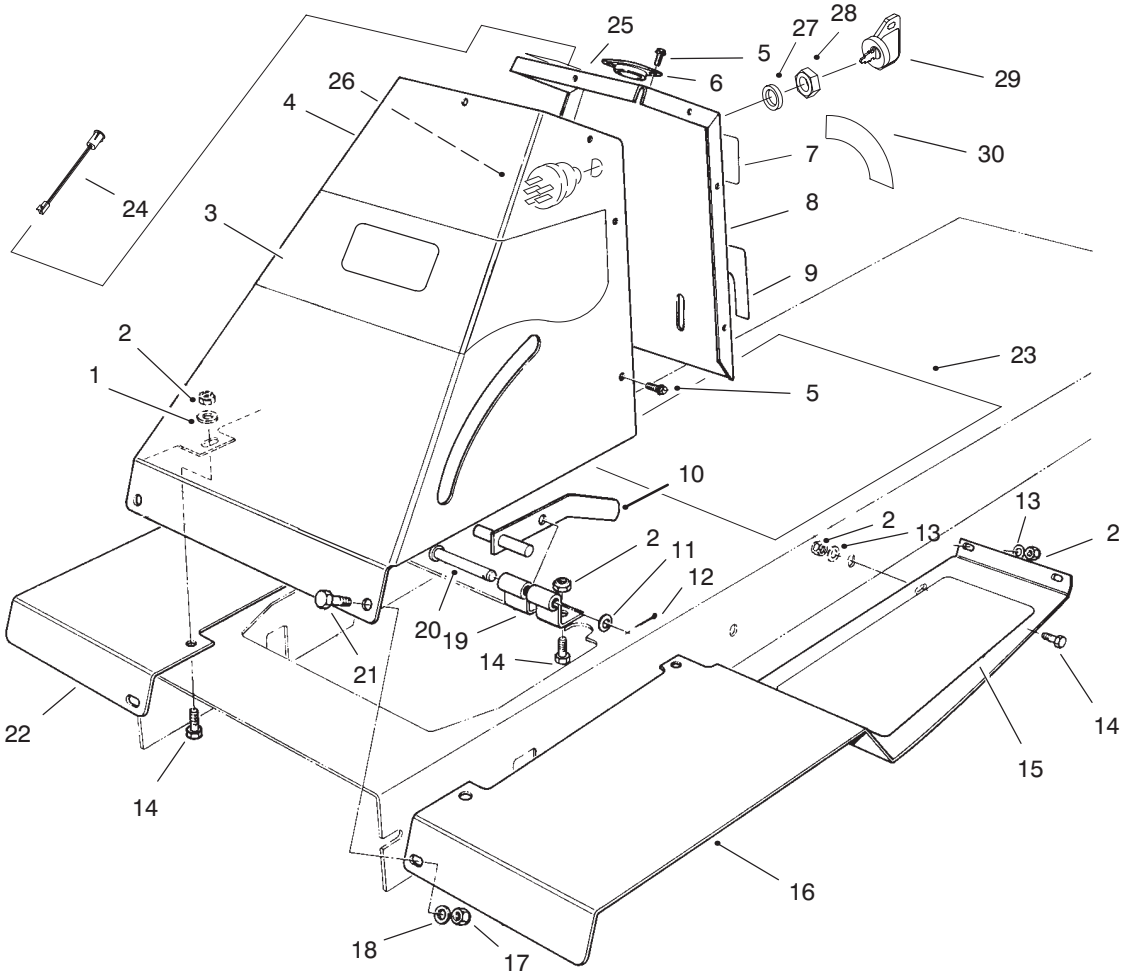
TORO®

MODEL NO. 70089–210000001 & UP

PARTS CATALOG

WHEEL HORSE®

1232 Recycler® Riding Mower



C–1933

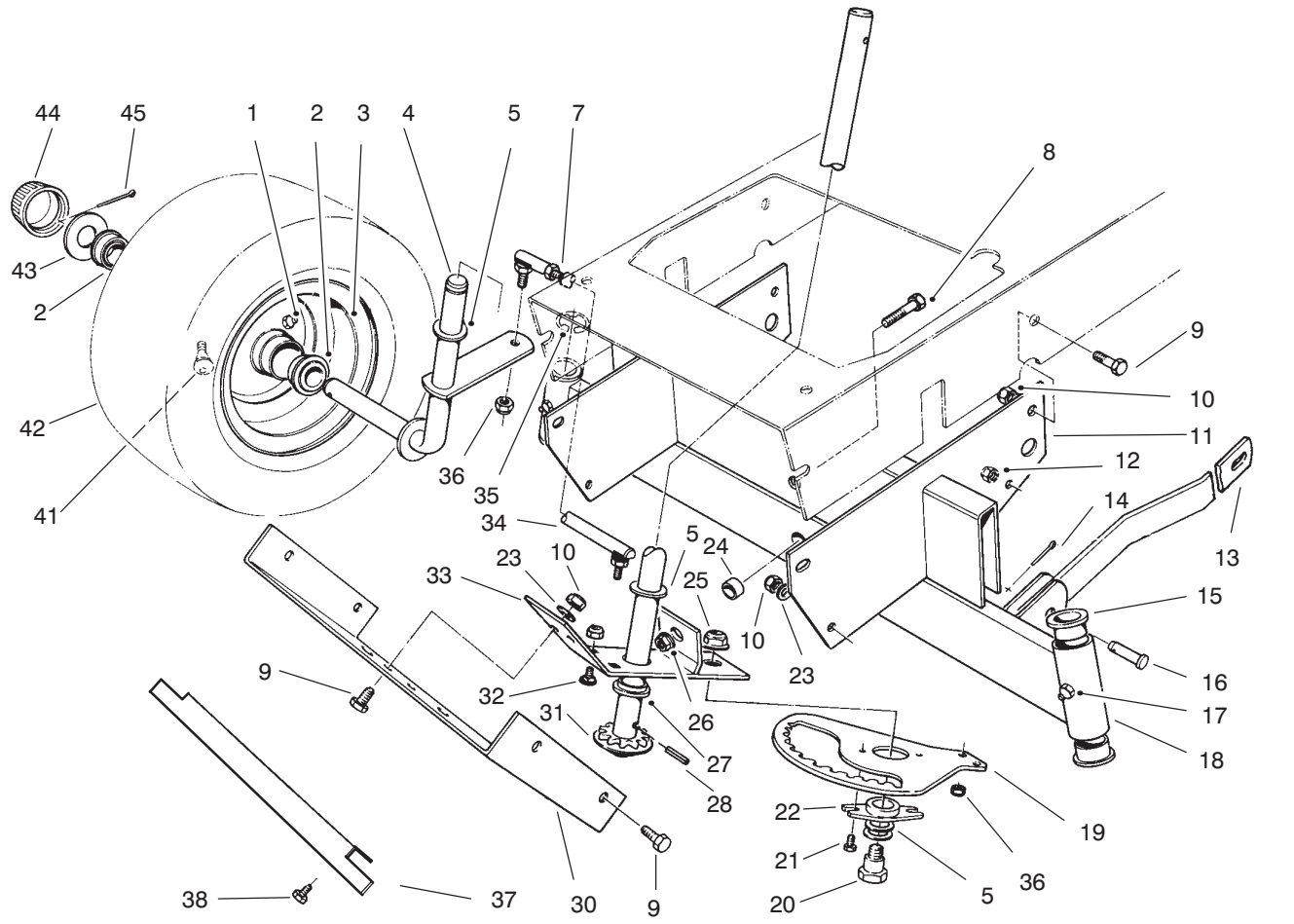
FRONT TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256–35	Washer – Flat	4
2	3296–29	Nut – Lock	14
3	100–6205	Decal – Recycler	1
4	56-7130-01	Tower – Front	1
5	32104–76	Screw – Self Tap Acorn Hd.	9
6	56–7170	Guide – Shaft, Steering	1
7	92–8946	Decal – Danger	1
8	99-2965-03	Tower – Rear	1
9	56–7810	Decal – Brake, Parking	1
10	47-1290-03	Brake – Parking	1
11	3256–24	Washer – Flat	1
12	3272–6	Pin – Cotter	1
13	3256–23	Washer – Flat	8
14	322–5	Screw – Cap Hex. Hd.	10
15	92–7975	Tread – Foot L.H.	1
*	92–7974	Tread – Foot R.H.	1
16	47-0940-01	Footrest – L.H.	1
17	3296–42	Nut – Lock	2

Ref. No.	Part No.	Description	No. Used
18	3256–22	Washer – Flat	2
19	47-2060-03	Bracket – Brake, Parking	1
20	283–52	Pin – Clevis	1
21	321–4	Screw – Cap Hex. Hd.	2
22	47-0930-01	Footrest – R.H.	1
23	99–6093	Decal – Instruction	1
24	95–7652	Light – Indicator	1
25	99–2981	Decal – Indicator Light	1
26	88–9830	Switch – Ignition (Incl. Ref. #27 & 28)	1
27	3254–5	Washer – Int. Lock	1
28	218–461	Nut – Lock	1
29	63–8360	Key – Ignition	1
30	99–6825	Decal – Ignition	1
*	12–8829	Loose Parts	1
*	12–8819	Loose Parts (Includes Steering Wheel)	1

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TPS



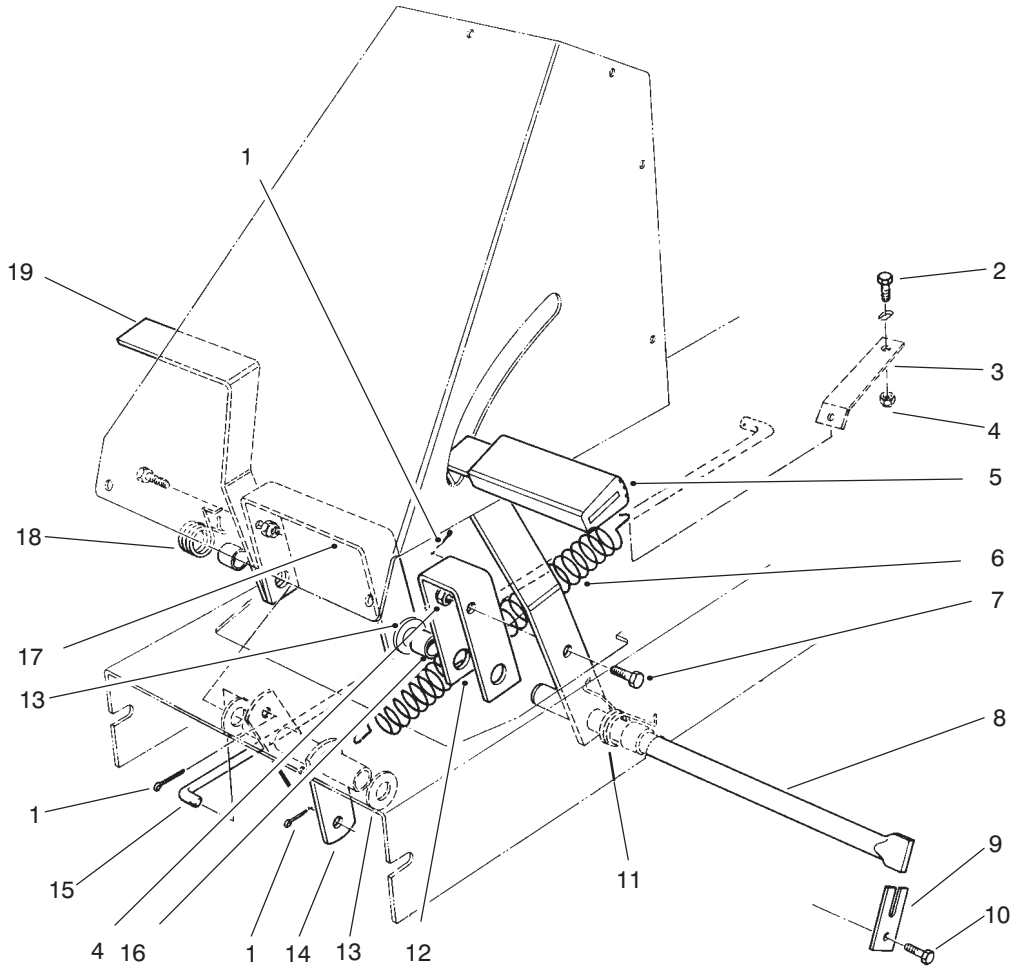
C–0438C

FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting – Grease	2
2	110513	Bearing	4
3	217–80	Rim	2
4	47-0600-01	Spindle – R.H.	1
*	47-0590-01	Spindle – L.H.	1
5	3–6498	Washer – Thrust	5
7	3220–2	Nut – Hex. Jam	1
8	325–6	Screw – Cap Hex. Hd.	1
9	322–5	Screw – Cap Hex. Hd.	8
10	3296–29	Nut – Lock	8
11	47-0760-01	Support – Axle, Front	1
12	3296–8	Nut – Lock	1
13	47-0010-01	Arm – Suspension, Front	2
14	3272–6	Pin – Cotter	2
15	27–9080	Bearing – Flange	4
16	283–2	Pin – Clevis	2
17	302–49	Fitting – Grease	2
18	80–2430	Axle – Front (Incl. Ref. #15 & 17)	1
19	80-2450-03	Rack – Steering	1
20	56–7530	Bolt – Shoulder	1
21	32144–4	Screw – Special	2
22	56–7520	Bushing – Sector	1
23	3256–23	Washer – Flat	6

Ref. No.	Part No.	Description	No. Used
24	28–0380	Spacer – Axle, Front	1
25	32128–21	Nut – Lock, Flange Hd.	1
26	32128–23	Nut – Lock, Flange Hd.	1
27	47–0700	Bearing – Flange	1
28	32121–9	Pin – Roll	1
30	56-7180-01	Cover – Front	1
31	56–7500	Shaft – Steering	1
32	3230–18	Bolt – Carriage	2
33	56–7470	Bracket – Rack, Steering (Incl. Ref. #27)	1
34	47–0610	Tie Rod – Adjustable (Incl. Ref. #7)	1
*	80–2460	Tie Rod – Fixed	1
35	32151–48	Ring – Retaining, External	2
36	3296–4	Nut – Lock	4
37	92-0876-01	Guard – Front	1
38	32144–14	Screw – Thread Forming	2
41	232–27	Valve Stem w/Cap	2
42	99–2990	Tire	2
43	28–2480	Washer	2
44	61–9780	Cap – Hub	2
45	3272–12	Pin – Cotter	2
†	232–44	Tube – Inner	2

*Not Illustrated
†Service Replacement Part

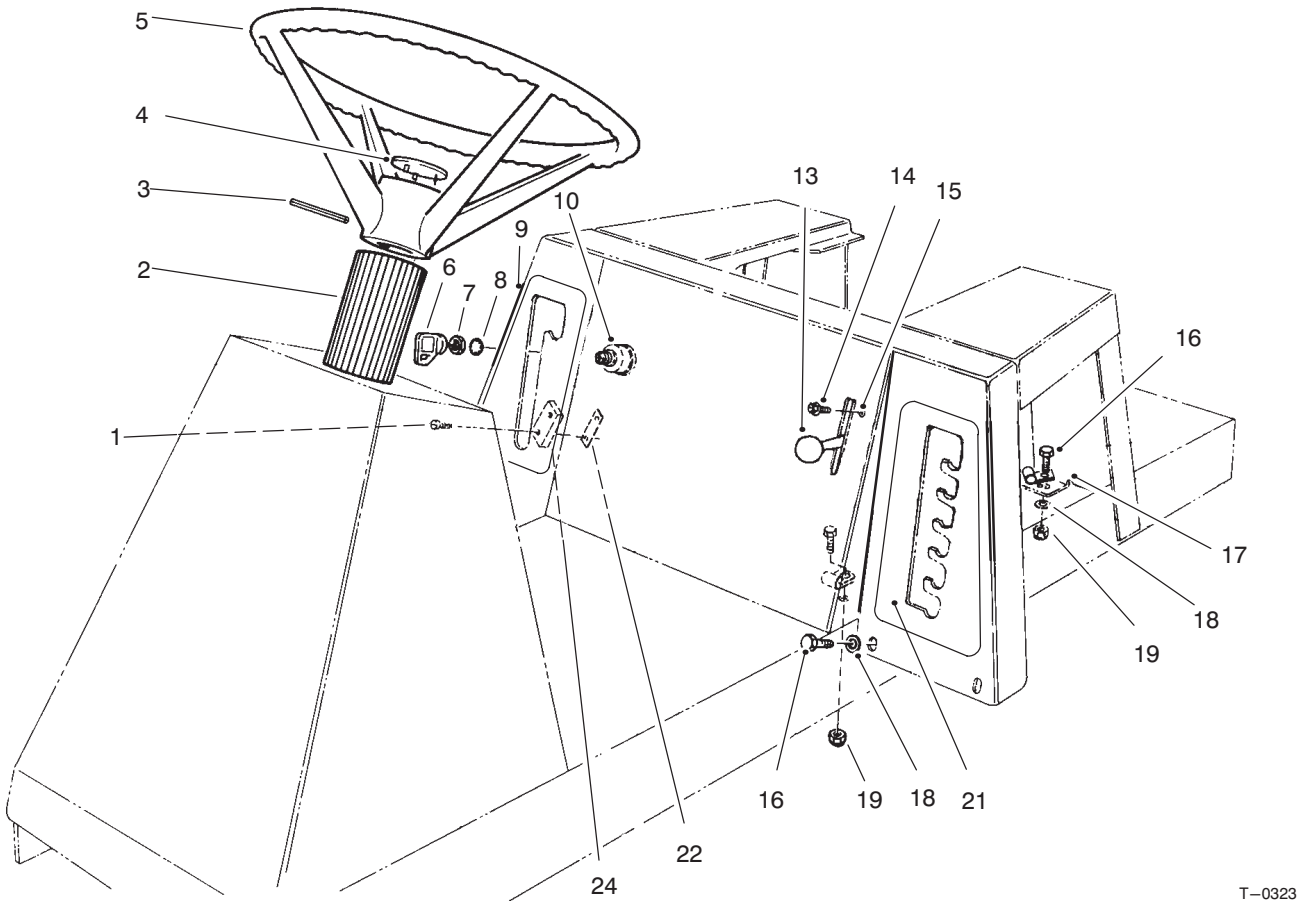


C–0439A

BRAKE & CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272–6	Pin – Cotter	3
2	322–5	Screw – Cap Hex. Hd.	1
3	56–7240	Bracket – Retaining, Spring	1
4	3296–29	Nut – Lock	3
5	65–2920	Pad – Pedal, Foot	2
6	62–3930	Spring – Extension	1
7	322–5	Screw – Cap Hex. Hd.	2
8	47–0770	Shaft – Pivot, Pedal	1
9	47–0780	Retainer – Shaft	1
10	321–4	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
11	56–7070	Spring – Torsion, Clutch	1
12	47-0560-03	Bracket – Clutch, Pedal	1
13	3256–27	Washer – Flat	3
14	56-7650-03	Tube – Pivot	1
15	56–7570	Rod – Engagement	1
16	47–0570	Spacer – Pedal	3
17	47-0550-03	Bracket – Brake, Pedal	1
18	56–7080	Spring – Torsion, Brake	1
19	47-0540-03	Pedal	2

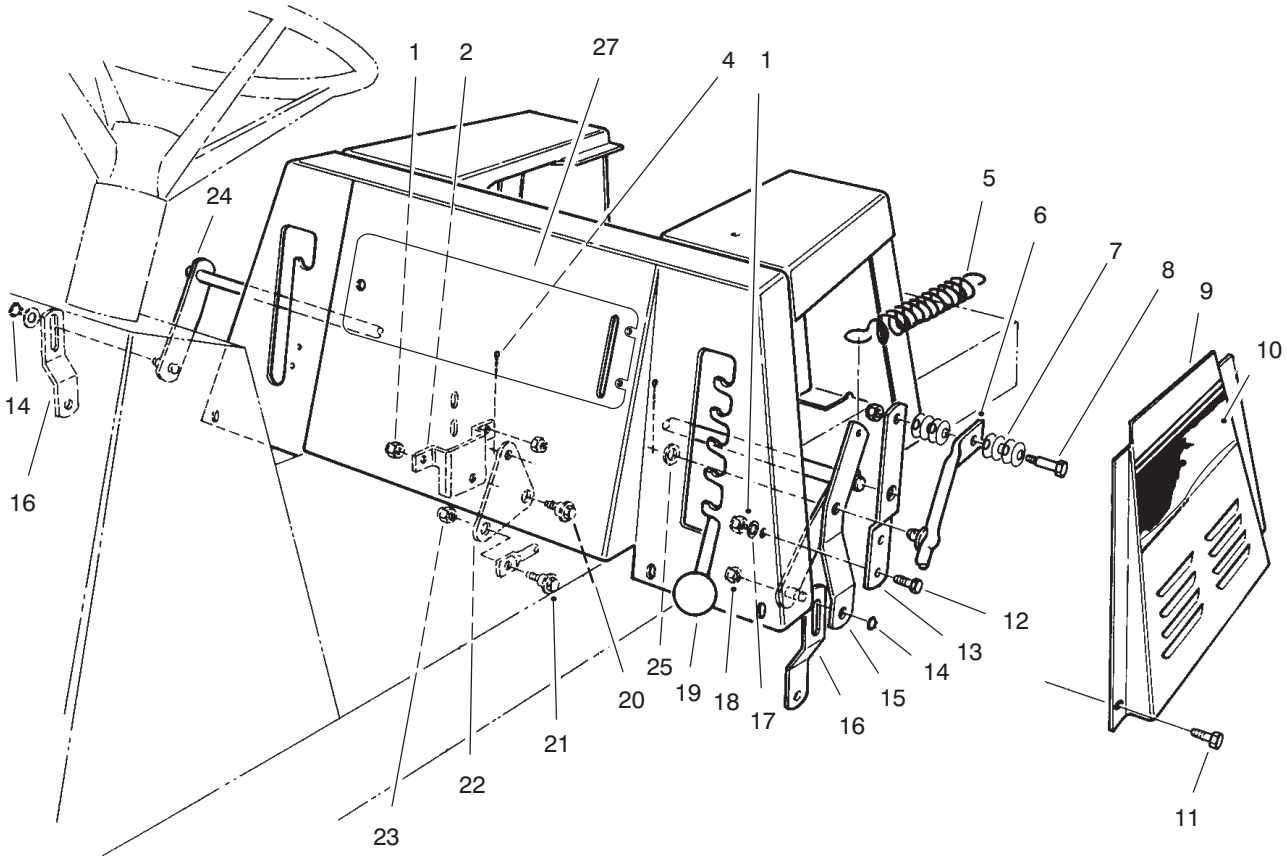


T–0323

STEERING WHEEL, SWITCHES & DECALS

Ref. No.	Part No.	Description	No. Used
1	147665	Screw – Phillips Head	2
2	66–6740	Cover – Shaft, Steering	1
3	32121–78	Pin – Roll	1
4	92–7990	Insert – Wheel, Steering	1
5	49–3242	Assy. – Wheel, Steering (Incl. Ref. #4)	1
6	63–8360	Key	1
7	218–461	Nut – Lock	1
8	3254–5	Washer – Lock, Int. Tooth	1
9	92–7244	Decal – Deck Engage	1
10	46–5780	Switch – Ignition (Incl. Ref. #6–8)	1

Ref. No.	Part No.	Description	No. Used
13	233–25	Knob	1
14	32104–76	Screw – Self–Tapping	2
15	92–0890	Control – Throttle (Incl. Ref. #13)	1
16	322–5	Screw – Cap Hex. Hd.	8
17	2412–68	Clamp	2
18	3256–23	Washer – Flat	7
19	3296–29	Nut – Lock	4
21	92–7245	Decal – H.O.C.	1
22	3290–354	Nut – Double	1
24	88–9931	Switch – Micro	1



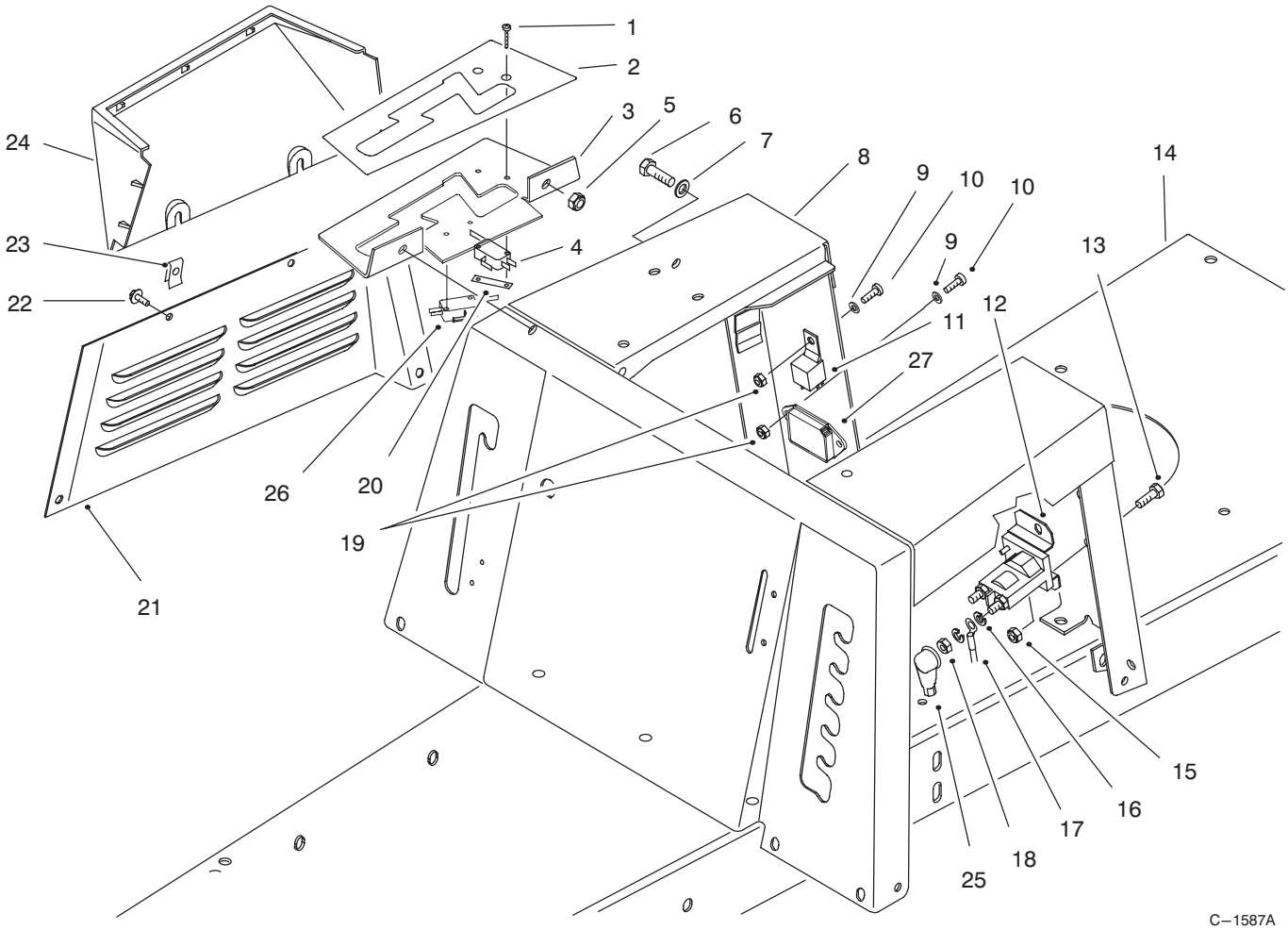
C–1935

LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–29	Nut – Lock	7
2	80–2310	Bracket – Bell Crank Mount	1
4	3272–6	Pin – Cotter	2
5	62–3930	Spring – Extension	1
6	47-1850-03	Lever – Height–of–Cut	1
7	3290–413	Washer – Belleville	8
8	28–0540	Bolt – Shoulder	1
9	92-0878-01	Panel L.H. – Base, Seat	1
10	98–1454	Decal – L.H.	1
11	321–4	Screw – Cap Hex. Hd.	4
12	322–5	Screw – Cap Hex. Hd.	2
13	47-1840-01	Bracket – Height–of–Cut	1
14	32151–61	Ring – Retaining	2

Ref. No.	Part No.	Description	No. Used
15	80-2320-03	Bracket – H.O.C., Engage	1
16	63-5830-01	Link – Suspension, Deck	2
17	3256–23	Washer – Flat	4
18	3296–42	Nut – Lock	1
19	233–48	Knob	1
20	19–1470	Bolt – Shoulder	1
21	65–5670	Bolt – Shoulder	1
22	80–2360	Crank – Bell, Deck Engage	1
23	3296–8	Nut – Lock	1
24	56-7400-03	Arm – Lever, H.O.C.	1
25	3256–26	Washer – Flat	1
27	99–2979	Decal – Control Panel	1

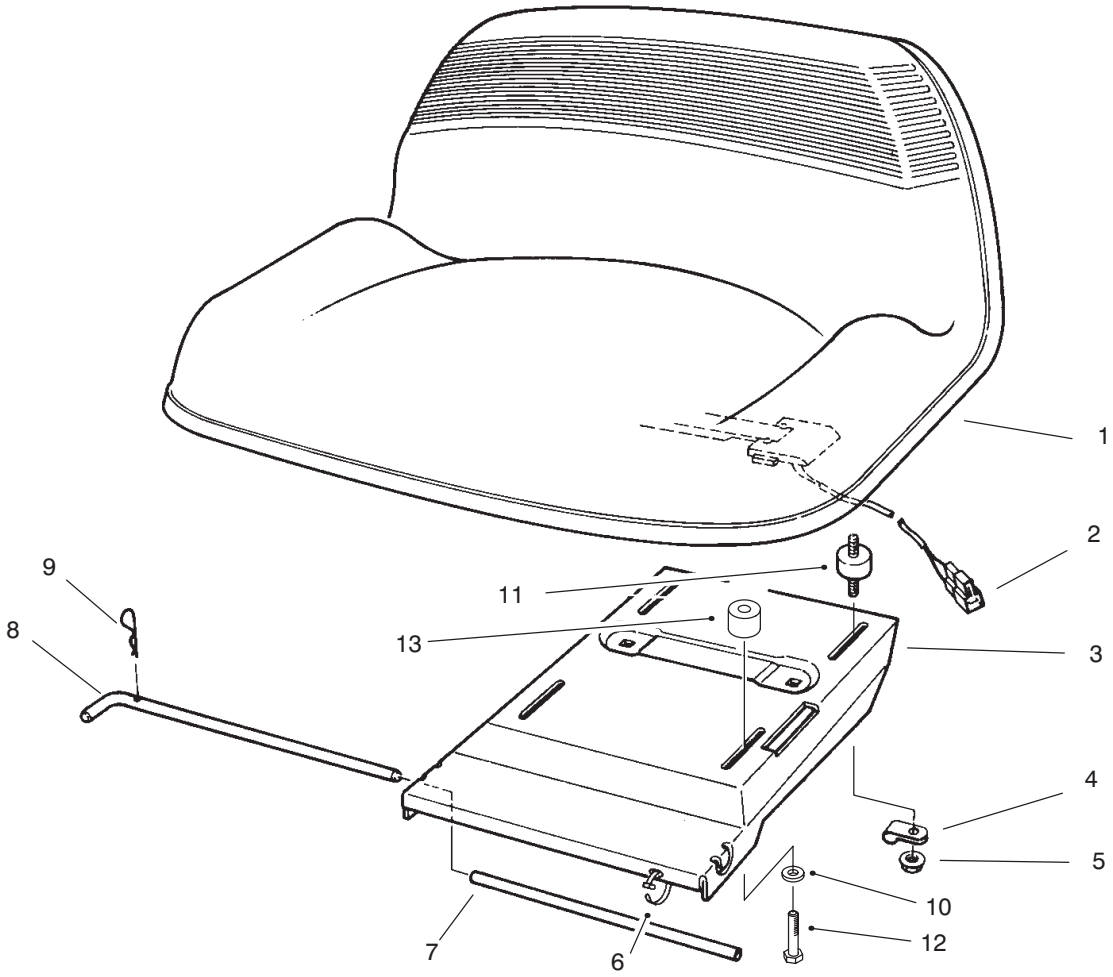
3326–431



SEAT BODY & SIDE PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	147665	Screw – Phillips Hd.	4
2	92–1751	Decal – Shift Pattern	1
3	99-2969-03	Gate – Shift	1
4	88–9930	Switch – Micro, Short	1
5	3296–29	Nut – Lock	2
6	322–5	Screw – Cap Hex. Hd.	2
7	3256–23	Washer – Flat	2
8	99-2967-01	Body W.A. – Seat Support	1
9	3256–14	Washer – Flat	3
10	3290–134	Screw – Machine	3
11	98–7249	Relay	1
12	47–1910	Solenoid	1
13	321–4	Screw – Cap Hex. Hd.	2
14	99-2962-01	Frame	1

Ref. No.	Part No.	Description	No. Used
15	3296–42	Nut – Lock	2
16	3253–3	Washer – Lock	4
17	56–7670	Cable – Positive	1
18	3218–1	Nut – Jam	2
19	3296–2	Nut – Lock	3
20	3290–354	Nut – Double	2
21	92-0877-01	Panel – Seat Base, R.H.	1
22	32144–112	Screw – Sems	2
23	3290–191	Nut – Speed	2
24	88–9800	Cover – Gate, Shift	1
25	93–3190	Boot – Terminal Insulator	1
26	88–9931	Switch – Micro	1
27	99–3700	Module – NMR	1



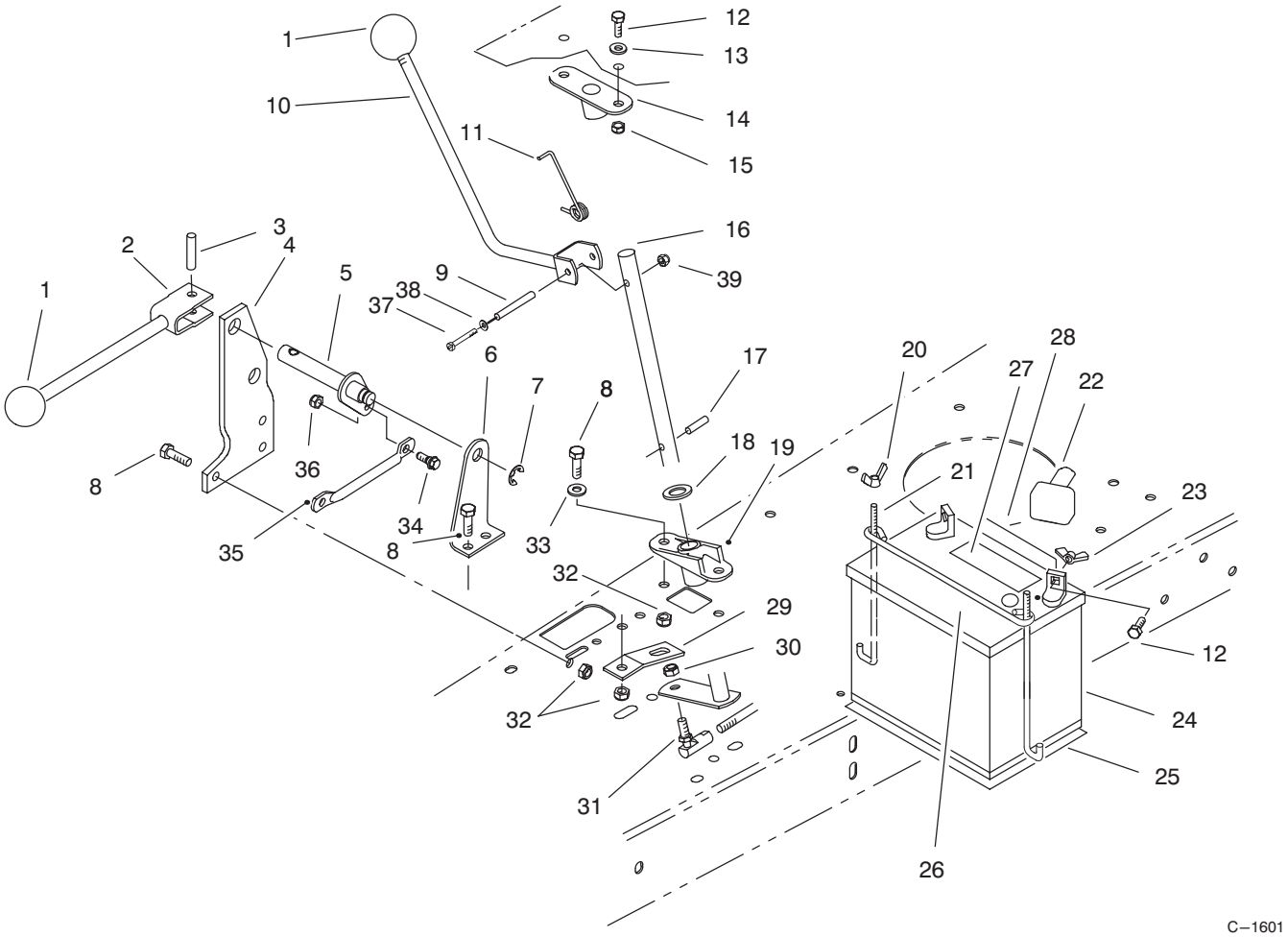
C–1936

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	88–3950	Assembly – Seat	1
2	38–1420	Switch – Interlock	1
3	63-5540-01	Base – Seat	1
4	2412–138	Clamp – Wire	1
5	32128–20	Nut – Flange Hd.	2
6	3290–378	Tie – Cable	1
7	63–5670	Tube – Bumper, Seat Rod	1

Ref. No.	Part No.	Description	No. Used
8	80–2620	Rod – Base, Seat	1
9	3290–307	Pin – Cotter, Hair	1
10	3256–23	Washer – Flat	2
11	62–5480	Isolator – Seat	2
12	322–7	Screw – Hex Hd.	2
13	92–5791	Spacer	2

3326–431

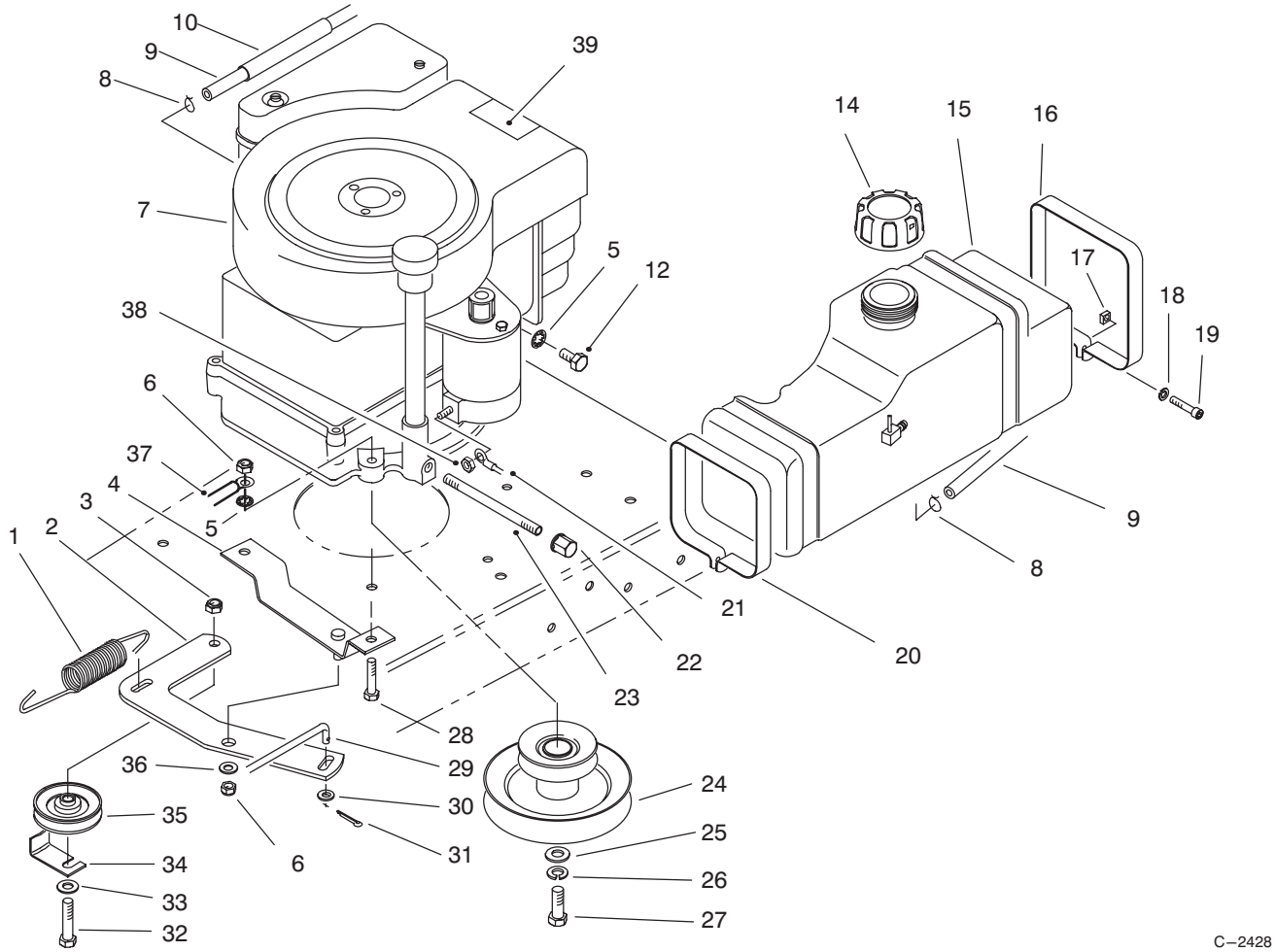


C–1601

TRANSMISSION LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233–48	Knob	2
2	80-2400-03	Lever W.A. – Engage	1
3	32121–25	Pin – Roll	1
4	80-2350-03	Pivot – Outer	1
5	80-2370	Shaft W.A. – Pivot	1
6	80-2340-03	Bracket – Pivot, Inner	1
7	32120–47	Ring – Retaining	1
8	322–5	Screw – Cap Hex. Hd.	4
9	32121–78	Pin – Roll	1
10	92-0884-03	Lever W.A. – Shaft	1
11	92–0894	Spring – Torsion	1
12	321–4	Screw – Cap Hex. Hd.	2
13	3256–22	Washer – Flat	2
14	92–0888	Support – Shift, Upper	1
15	3296–42	Nut – Lock	2
16	92–0891	Shaft W. A. – Shift	1
17	32121–16	Pin – Roll	1
18	257–11	Washer	1
19	92–0887	Support – Shift, Lower	1
20	32103–12	Nut – Wing	2

Ref. No.	Part No.	Description	No. Used
21	56–7720	Post – Battery	2
22	28–8080	Boot – Terminal	1
23	32103–22	Nut – Wing	2
24	104–1755	Battery – 155 CCA (Incl. Ref. #28 & 37)	1
25	62–4300	Pad – Battery	1
26	117316	Rod – Battery Hold Down	1
27	104–4163	Decal – Battery	1
28	104–4164	Decal – Battery	1
29	92–0896	Retainer – Spring	1
30	3296–4	Nut – Lock	1
31	2411–32	Ball Joint	1
32	3296–29	Nut – Lock	4
33	3256–23	Washer – Flat	2
34	65–5670	Screw – Shoulder	1
35	80–2330	Link – Bell Crank	1
36	3296–8	Nut – Lock	1
37	3250–40	Screw – PH	1
38	3256–14	Washer – Flat	1
39	3296–9	Nut – Lock	1

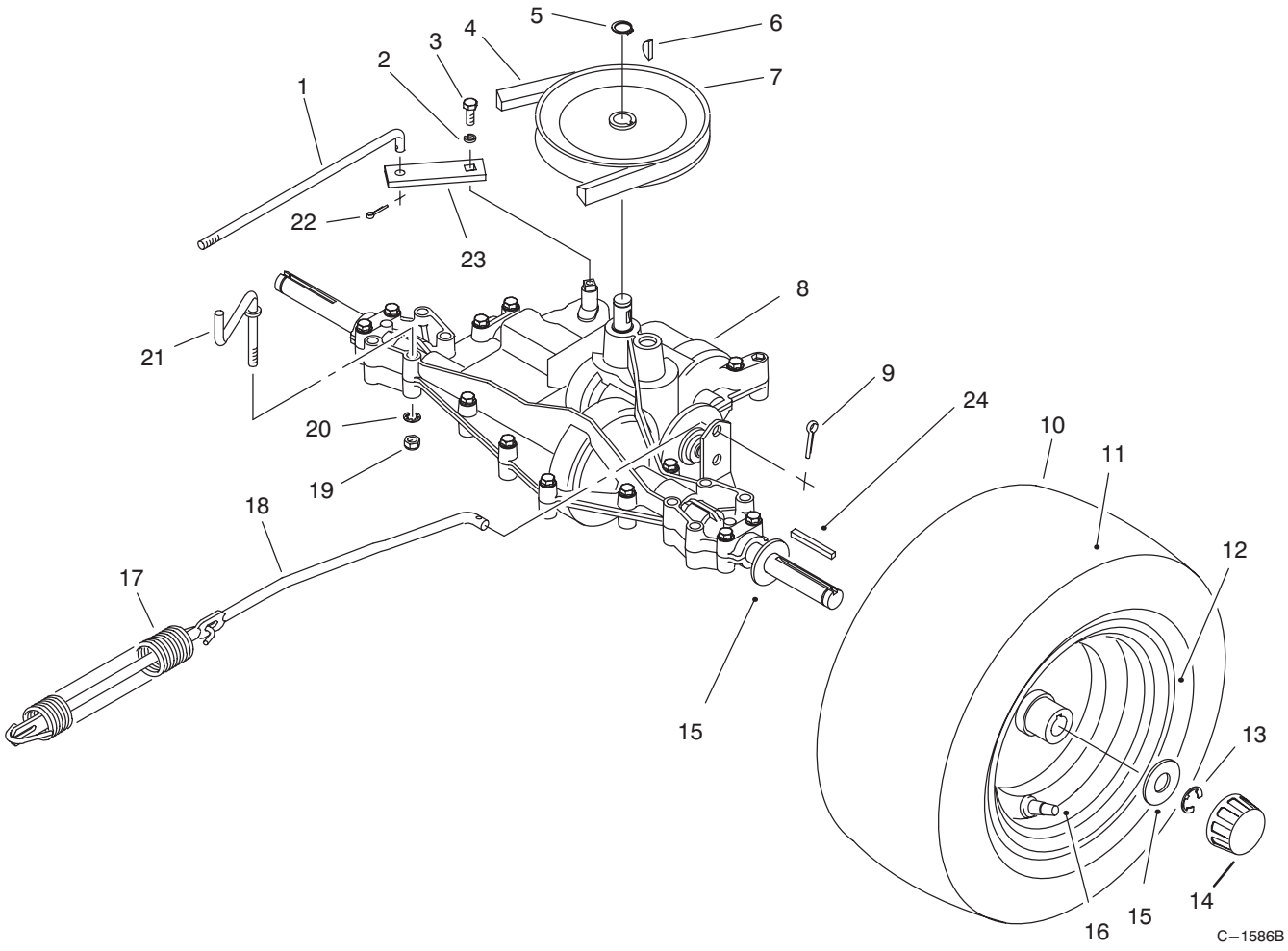


C–2428

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–0879	Spring	1
2	92-0883-03	Plate – Mounting, Idler	1
3	3296–39	Nut – Lock	1
4	92-0881-03	Bracket W.A. – Traction	1
5	3254–2	Washer – Lock, Int. Tooth	4
6	3296–29	Nut – Lock	2
7		Engine – 11.5 H .P.	1
8	2412–98	Clamp – Hose	2
9	47–2961	Hose – Fuel Line	1
10	62–5490	Support – Fuel Line	1
12	32144–14	Screw	2
14	55–3570	Cap – Fuel	1
15	56–7050	Tank – Fuel	1
16	57-4060-03	Retainer – Front	1
17	32107–11	Nut – Square	2
18	3253–3	Washer – Lock	2
19	3274–51	Screw – Hex. Socket Hd.	2
20	57-4070-03	Retainer – Rear	1
21	56–7670	Cable – Battery, Positive	1

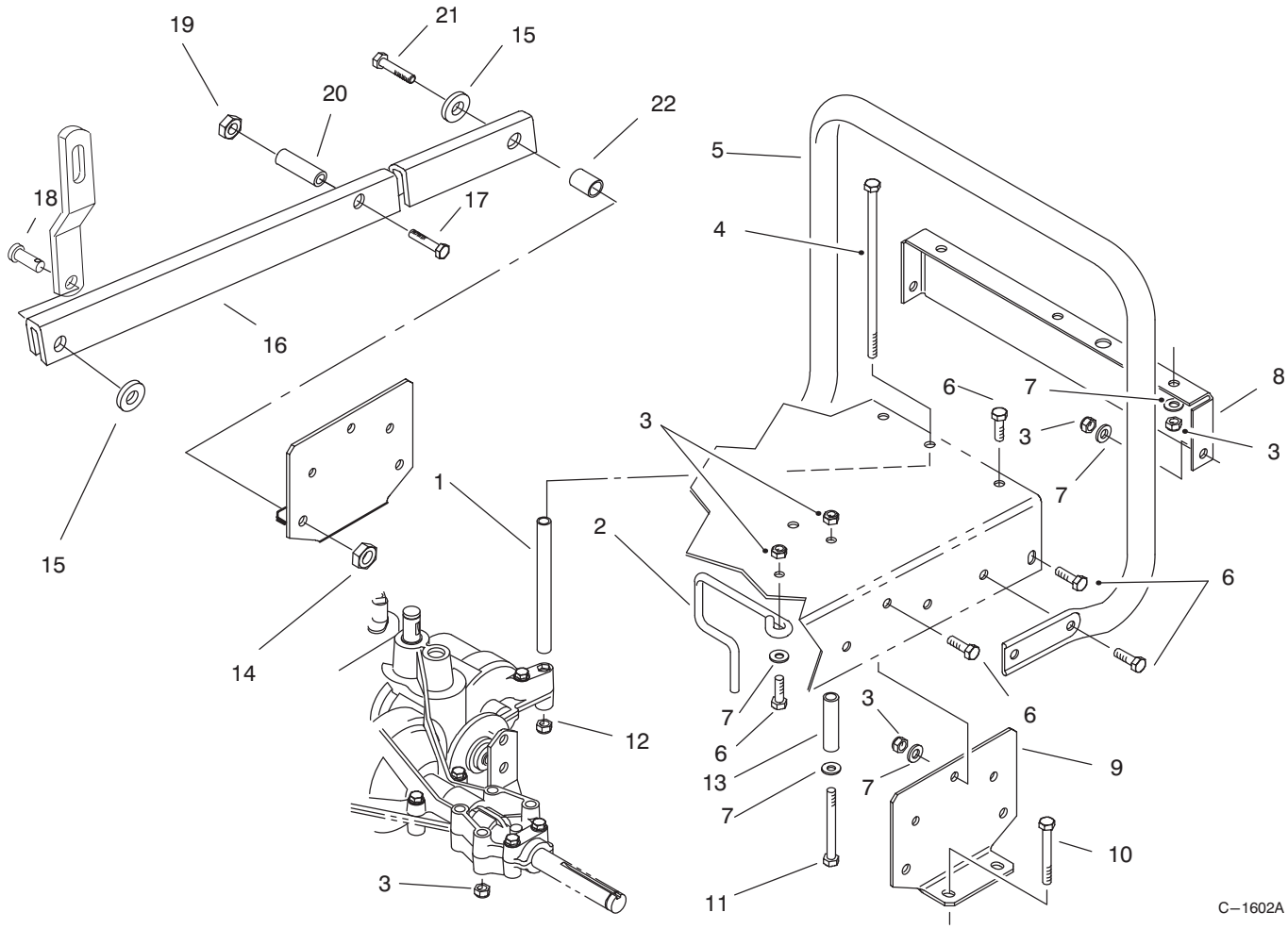
Ref. No.	Part No.	Description	No. Used
22	288–10	Cap – Pipe	1
23	289–19	Nipple – Pipe	1
24	92–0873	Pulley – Engine	1
25	3256–25	Washer – Flat	1
26	3253–6	Washer – Lock	1
27	62–3760	Screw – Cap Hex. Hd.	1
28	322–7	Screw – Cap Hex. Hd.	1
29	92–0871	Rod – Traction	1
30	3256–22	Washer – Flat	1
31	3272–6	Pin – Cotter	1
32	323–9	Screw – Cap Hex. Hd.	1
33	3256–24	Washer – Flat	1
34	12–9020	Retainer – Belt	1
35	12–5820	Pulley – Idler	1
36	3256–57	Washer – Flat	1
37	54–3090	Cable – Battery Ground	1
38	3218–1	Nut – Jam	1
39	98–0745	Decal – Engine	1



REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–0889	Link – Shift	1
2	3253–3	Washer – Lock	1
3	329–4	Screw – Cap Hex. Hd.	1
4	92–0870	V–Belt – Traction	1
5	32120–64	Ring – Retaining	1
6	3257–23	Key	1
7	92–0874	Pulley	1
8	92–0862	Transaxle	1
9	3272–16	Pin – Cotter	1
10	99–2988	Tire	2
11	232–39	Tube – Inner	2
12	88–9730	Rim	2

Ref. No.	Part No.	Description	No. Used
13	32151–48	Ring – Retaining	2
14	61–9780	Cap – Hub	2
15	28–2480	Washer	4
16	232–27	Stem – Valve	2
17	57–9940	Spring – Brake	1
18	92–0872	Rod – Brake	1
19	3296–29	Nut – Lock	1
20	3254–2	Washer – Lock, Int. Tooth	1
21	92–0899	Guide – Belt, Lower	1
22	3272–6	Pin – Cotter	1
23	92–0880	Arm – Shift, Transaxle	1
24	7–0036	Key – Square	2

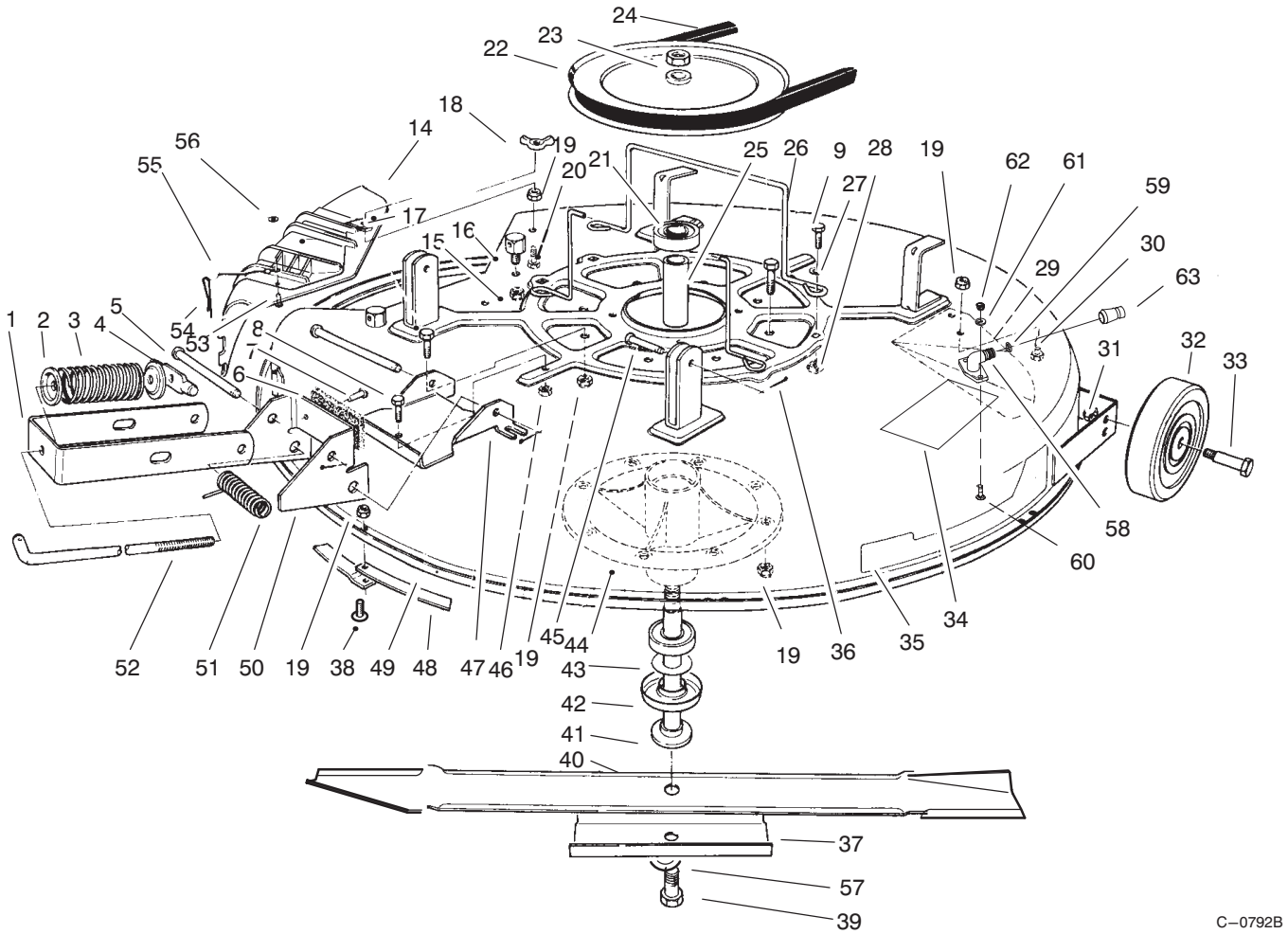


STAND BAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–0897	Spacer	1
2	92–0898	Guide – Belt	1
3	3296–29	Nut – Lock	17
4	322–50	Screw – Cap Hex. Hd.	1
5	92-0864-03	Standbar	1
6	322–5	Screw – Cap Hex. Hd.	15
7	3256–23	Washer – Flat	12
8	92-0861-01	Frame – Rear	1
9	92-0865-01	Support – Axle	2
10	322–12	Screw – Cap Hex. Hd.	4
11	322–14	Screw – Cap Hex. Hd.	2
12	3296–47	Nut – Lock	1

Ref. No.	Part No.	Description	No. Used
13	76–1560	Spacer	2
14	3296–59	Nut – Lock	3
15	3256–24	Washer – Flat	4
16	76-1540-01	Arm – Suspension R.H.	1
*	76-1550-01	Arm – Suspension L.H.	1
17	323–14	Screw – Hex Hd. Cap	2
18	283–42	Pin – Clevis	2
19	3296–39	Nut – Lock	1
20	76–1560	Spacer – Split	2
21	323–9	Screw – Hex Hd. Cap	2
22	56–7430	Pin – Support	2

*Not Illustrated

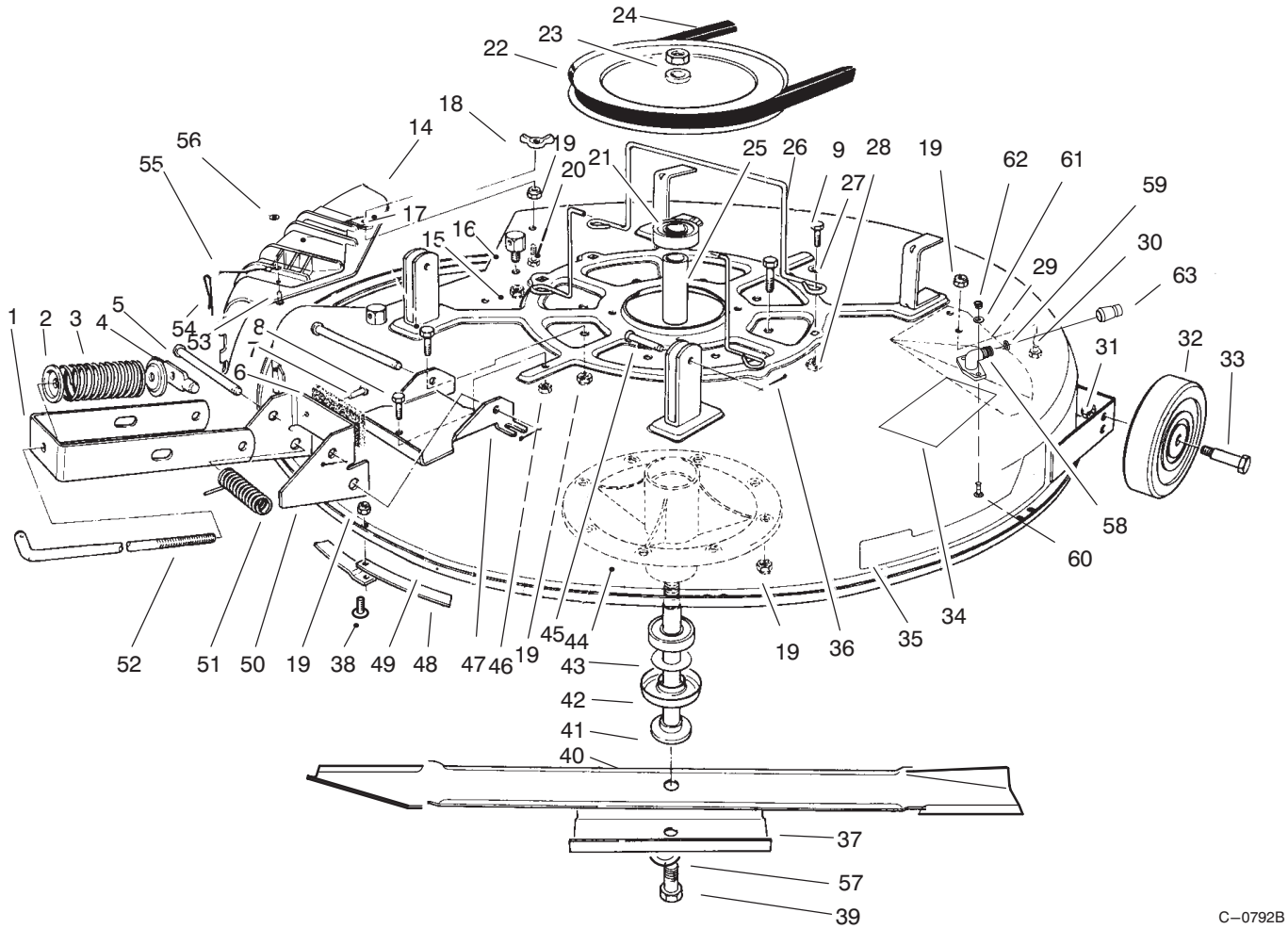


C–0792B

MOWER ASSEMBLY – RECYCLER

Ref. No.	Part No.	Description	No. Used
1	47–1180	Bracket – Engagement	1
2	47–1140	Retainer – Spring, Top	2
3	47–0960	Spring – Compression	1
4	47–1200	Shaft – Adjusting	1
5	80–2570	Pin – Clevis	2
6	80–2550	Pad – Brake	1
7	3290–282	Rivet	2
8	321–4	Screw – Cap Hex. Hd.	1
9	322–5	Screw – Cap Hex. Hd.	6
14	82–6150	Assy. – Cover, Discharge (Incl. Ref. #53–56)	1
15	3296–59	Nut – Lock	1
16	28–7350	Post – Pivot	1
17	83–7010	Brace – Cover, Rear	1
18	32103–2	Nut – Wing	1
19	3296–29	Nut – Lock	24
20	322–6	Screw – Cap Hex. Hd.	1
21	251–297	Bearing	2
22	80–4470	Pulley	1
23	3219–7	Nut – Hex. Hd.	1
24	92–0875	V–Belt	1
25	83–7020	Spacer – Bearing	1

Ref. No.	Part No.	Description	No. Used
26	60–9730	Guide – Belt	2
27	3256–23	Washer – Flat	4
28	3290–496	Nut – Retainer	4
29	80–2630	Kicker – 32”	4
30	322–3	Screw – Cap Hex. Hd.	13
31	3296–39	Nut – Lock	2
32	61–9760	Wheel – Deck	2
33	56–6590	Bolt – Wheel	2
34	66–1340	Decal – Danger	1
35	92–9521	Decal – Recycler	1
36	3272–6	Pin – Cotter	2
37	80–4570	Stiffener – Blade	1
38	32122–14	Screw – Truss, Phillips Hd.	8
39	26–0671	Bolt – Blade	1
40	80–4430	Blade – Recycler	1
41	80–4350	Shaft – Spindle	1
42	80–4370	Shield – Bearing	1
43	80–4390	Spacer – Hardened	1
44	56–7030	Body – Spindle	1
45	283–2	Pin – Clevis	2



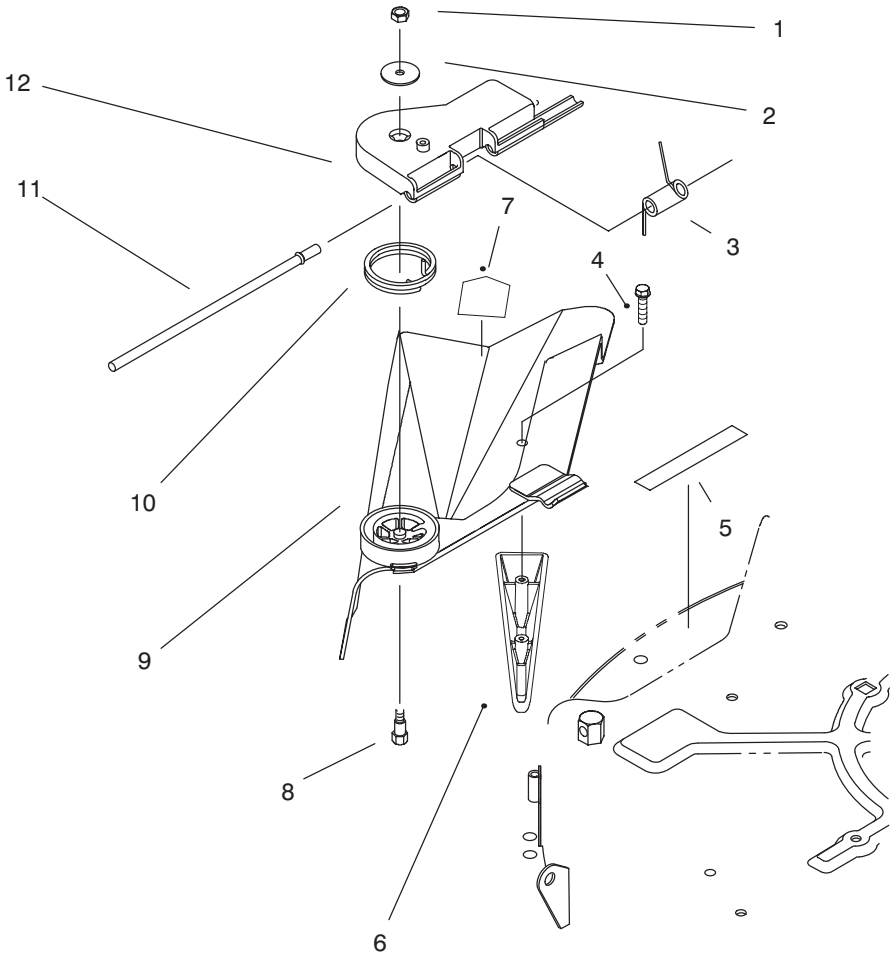
C–0792B

MOWER ASSEMBLY – RECYCLER (Cont.)

Ref. No.	Part No.	Description	No. Used
46	3296–8	Nut – Lock	1
47	80–2560	Plate – Deck, Brake Mtg.	1
48	80–4490	Ring – Deck	4
49	95–7498	Deck – Recycler (Incl. Ref. # 13, & 34)	1
50	80–2530	Brake Ass'y (Incl. Ref. #6–7)	1
51	40–6230	Spring – Torsion	1
52	80–2580	Rod – Adjusting	1
53	3290–282	Rivet	2
54	28–8130	Pin – Chute, Locking	1

Ref. No.	Part No.	Description	No. Used
55	28–8070	Lanyard	1
56	3256–49	Washer – Flat	1
57	3290–465	Washer – Belleville	1
58	95–2747	Fitting – Washout	1
59	46–6290	O–Ring	1
60	3229–1	Bolt – Carriage	2
61	3256–1	Washer – Flat	2
62	3296–16	Nut – Lock	2
63	95–3270	Connector – Hose	1

3326–431



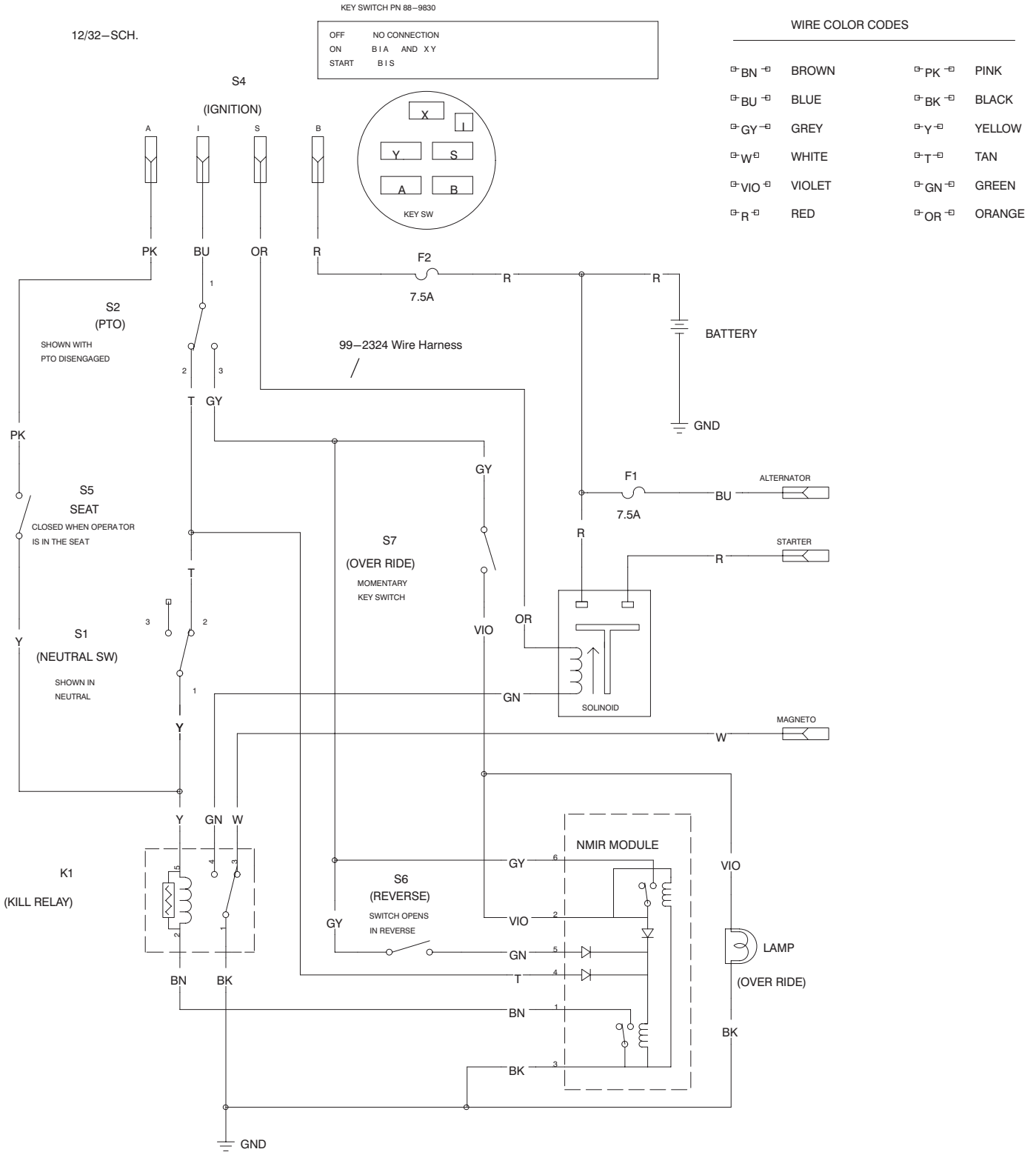
C–2426

DEFLECTOR ASSEMBLY – RECYCLER

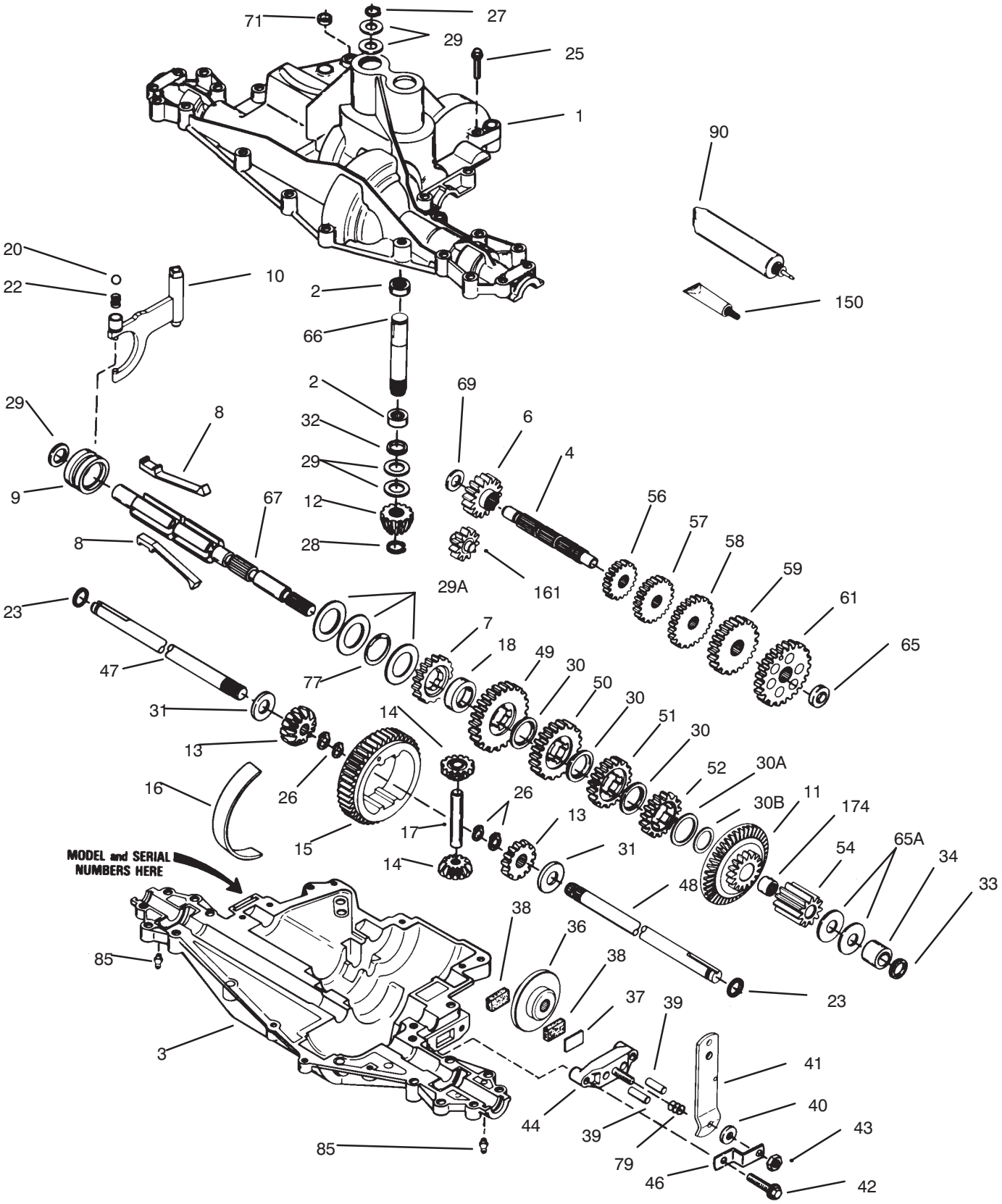
Ref. No.	Part No.	Description	No. Used
1	3296–42	Nut – Lock	1
2	3256–58	Washer – Fender	1
3	92–2493	Spring – Torsion	1
4	93–0231	Screw – Pan Hd.	4
5	68–3650	Decal – Deflector Danger	1
6	93–7696	Kicker – CE	2
7	93–1122	Decal – Danger	1

Ref. No.	Part No.	Description	No. Used
8	92–8916	Bolt – Shoulder	1
9	100–6200	Deflector Ass'y (Incl. Ref. #7)	1
10	88–6160	Spring – Torsion	1
11	88–6150	Rod – Deflector Hinge	1
12	88–4540	Hinge – Deflector Danger	1

ELECTRICAL SCHEMATIC

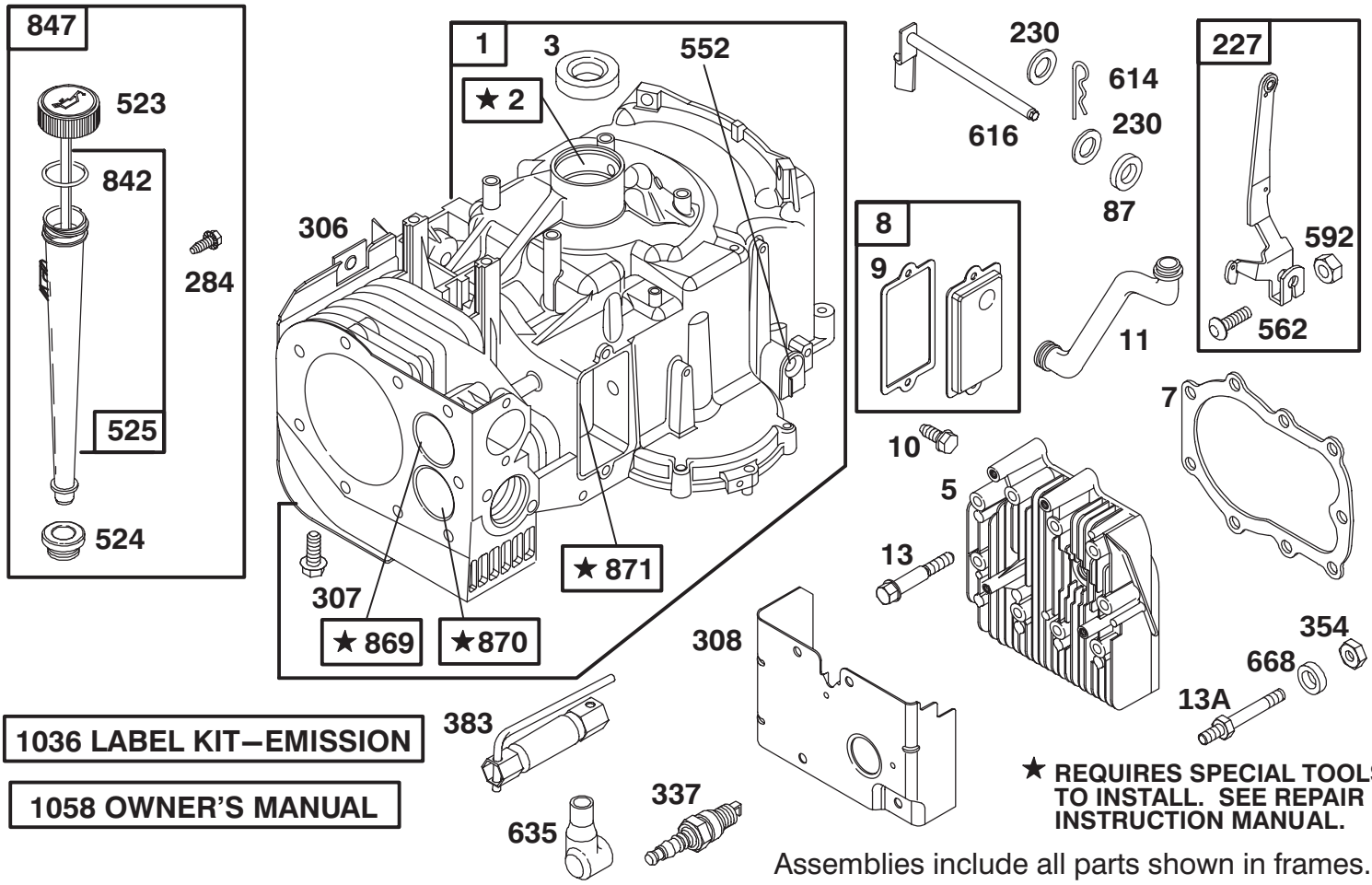


PEERLESS TRANSAXLE MODEL NO. 915–019



PEERLESS TRANSAXLE MODEL NO. 915–019

Ref. No.	Part No.	Description	No. Used
1	772117	Transaxle Cover	1
2	780086	Needle Bearing	2
3	770114	Transaxle Case	1
4	776300	Countershaft	1
6	778281	Spur Gear (16 Teeth)	1
7	778122A	Spur Gear (22 Teeth)	1
8	792133	Shift Key	4
9	784352	Shift Collar	1
10	784365	Shift Rod & Fork	1
11	778290	Bevel Gear & Bearing (44/16 Teeth) (Incl. Ref. #174)	1
12	778262	Bevel Pinion (14 Teeth)	1
13	778221	Bevel Gear (16 Teeth)	2
14	778068	Differential Pinion	2
15	778260	Ring Gear	1
16	786150	Bearing Strip	1
17	78139	Drive Pin	1
18	786147	Neutral Spacer	1
20	792139	Ball (3/8” dia.)	1
22	792142	Spring	1
23	788061	Seal Ring	2
25	792073	Screw	17
26	792125	Retaining Ring (pkg. of 2)	4
27	792035	Retaining Ring	1
28	788040	Retaining Ring	1
29	780072	Washer	5
29A	780090	Thrust Washer	3
30	780108	Washer	3
30A	789145	Washer	1
30B	780178	Washer	1
31	780001	Washer	2
32	792001	O–Ring	1
33	788076	O–Ring	1
34	780159	Bushing	1
36	790071	Brake Disk	1
37	790007	Brake Pad Plate	1
38	790006	Brake Pad	2
39	786026	Dowel Pin	2
40	792076	Washer	1
41	790045	Brake Lever	1
42	792073	Screw	2
43	792075	Locknut	1
44	790025	Brake Pad Holder	1
46	786086	Brake Lever Bracket	1
47	774930	Axle (16–3/4” lg.)	1
48	774931	Axle (11–9/16” lg.) (Incl. Ref. #26)	1
49	778124A	Spur Gear (30 Teeth)	1
50	778123A	Spur Gear (25 Teeth)	1
51	778122A	Spur Gear (22 Teeth)	1
52	778273	Spur Gear (19 Teeth)	1
54	778263	Spur Gear (11 Teeth)	1
56	778126A	Spur Gear (20 Teeth)	1
57	778127A	Spur Gear (25 Teeth)	1
58	778128A	Spur Gear (28 Teeth)	1
59	778129A	Spur Gear (30 Teeth)	1
61	778265	Spur Gear (34 Teeth)	1
65	780162	Washer	1
65A	780160	Washer	2
66	776299	Input Shaft (3.522” lg.)	1
67	776352	Shifter & Brake Shaft	1
69	780161	Thrust Washer	1
71	788069	Square Cut Ring	1
77	788078A	Inverted Retaining Ring (pkg. of 2)	1
79	792144	Spring	1
90	788067B	Grease (32 oz. btl. Bentonite grease)	1
150	510334	Gasket Eliminator (Loctite #515)	1
161	776302	Reverse Idler Assembly	1
174	780085	Needle Bearing	1



Assemblies include all parts shown in frames.

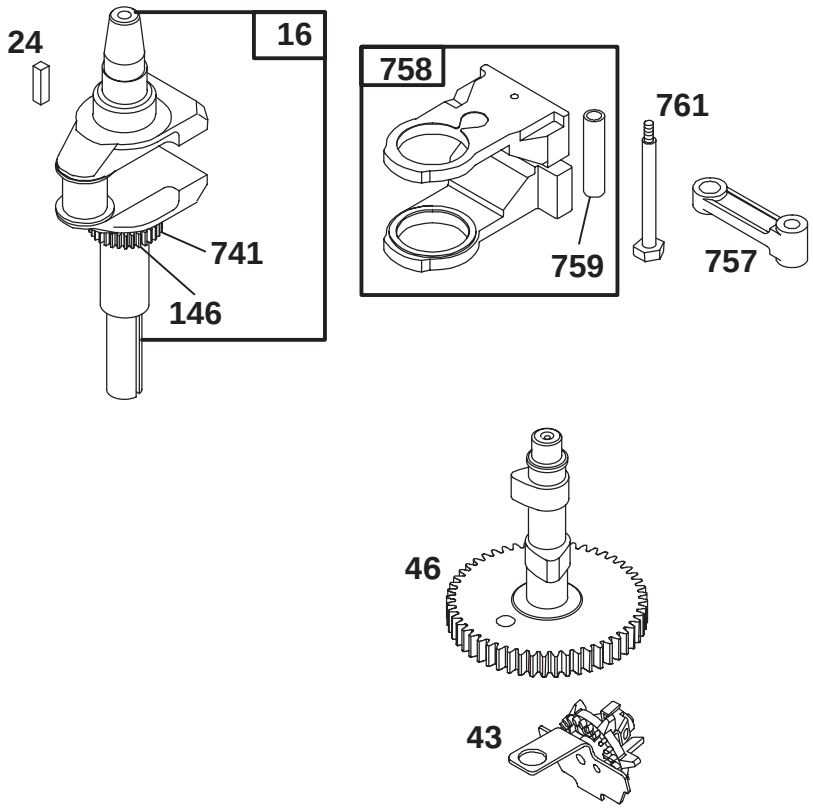
ENGINE BRIGGS & STRATTON MODEL 28M707–1182–E1

Ref. No.	Part No.	Description	No. Used
1	496413	Cylinder Assembly	1
2	399265	Bushing	1
★3	391086	Seal – Oil	1
5	494240	Head – Cylinder	1
●★7	271866	Gasket – Cylinder Head	1
8	495735	Breather Assembly	1
●★9	27803	Gasket – Valve Cover	1
10	94621	Screw – Hex.	1
11	280100	Tube – Breather	1
13	94622	Screw – Cylinder Head	1
13A	94776	Stud – Hex. Drive	1
★87	491323	Seal – Governor Shaft	1
227	493935	Lever – Governor	1
230	94927	Washer – Flat	1
284	94903	Screw – Shoulder	1
306	224545	Shield – Cylinder	1
307	94930	Screw – Hex.	1
308	491490	Cover – Cylinder Head	1
337	802592	Plug – Spark	1
354	94726	Nut – Hex.	1
383	89838	Wrench – Spark Plug	1
523	495230	Dipstick	1

Ref. No.	Part No.	Description	No. Used
★524	281370	Seal – Fill Tube	1
525	496113	Tube – Oil Fill	1
552	491986	Bushing – Gov. Crank	
		Note: Includes Seal,	
		Ref. No. 87	1
562	94907	Bolt – Governor Lever	1
592	231978	Nut – Hex.	1
614	93306	Pin – Cotter	1
616	495157	Crank – Governor	1
635	66538	Boot – Spark Plug	1
668	231109	Spacer	1
★842	270920	Seal – O-Ring	1
847	496415	Dipstick/Tube Assembly	1
869	261463	Seat – Intake Valve	1
870	262924	Seat – Exhaust Valve	1
871	261961	Bushing – Valve Guide	
		(Exhaust)	1
		Note: 231218 Bushing –	
		Valve	1
		Guide (Intake)	1
1036	499362	Label Kit – Emission	1
1058	273681	Owner's Manual	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.

● Included in Carburetor Kit–Part No. 499220.
● Included in Valve Overhaul Gasket Set–Part No. 498539.



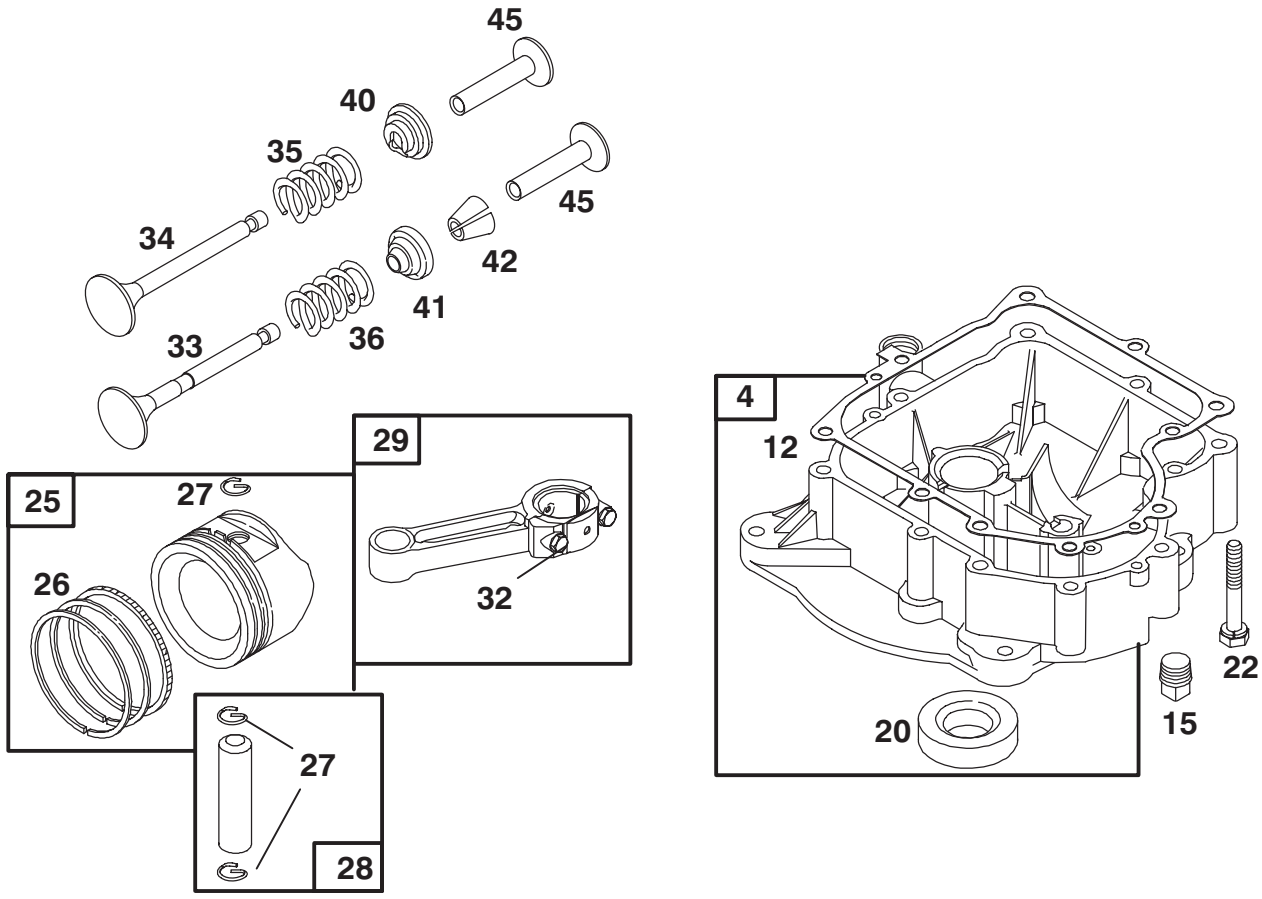
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707—1182—E1

Ref. No.	Part No.	Description	No. Used
16	498971	Crankshaft	1
24	222698	Key — Flywheel	1
43	490815	Governor/Oil Slinger	1
46	212897	Gear — Cam	1
146	94196	Key — Timing	1
741	262932	Gear — Timing	1

Ref. No.	Part No.	Description	No. Used
757	213998	Link — Counterweight	1
758	399891	Counterweight	1
759	230787	Pin — Counterweight	1
761	94593	Screw — Counterweight	1

★ Included in Gasket Set—Part No. 494241.
◆ Included in Carburetor Gasket Set—Part No. 494385.
● Included in Carburetor Kit—Part No. 499220.
● Included in Valve Overhaul Gasket Set—Part No. 498539.



Assemblies include all parts shown in frames.

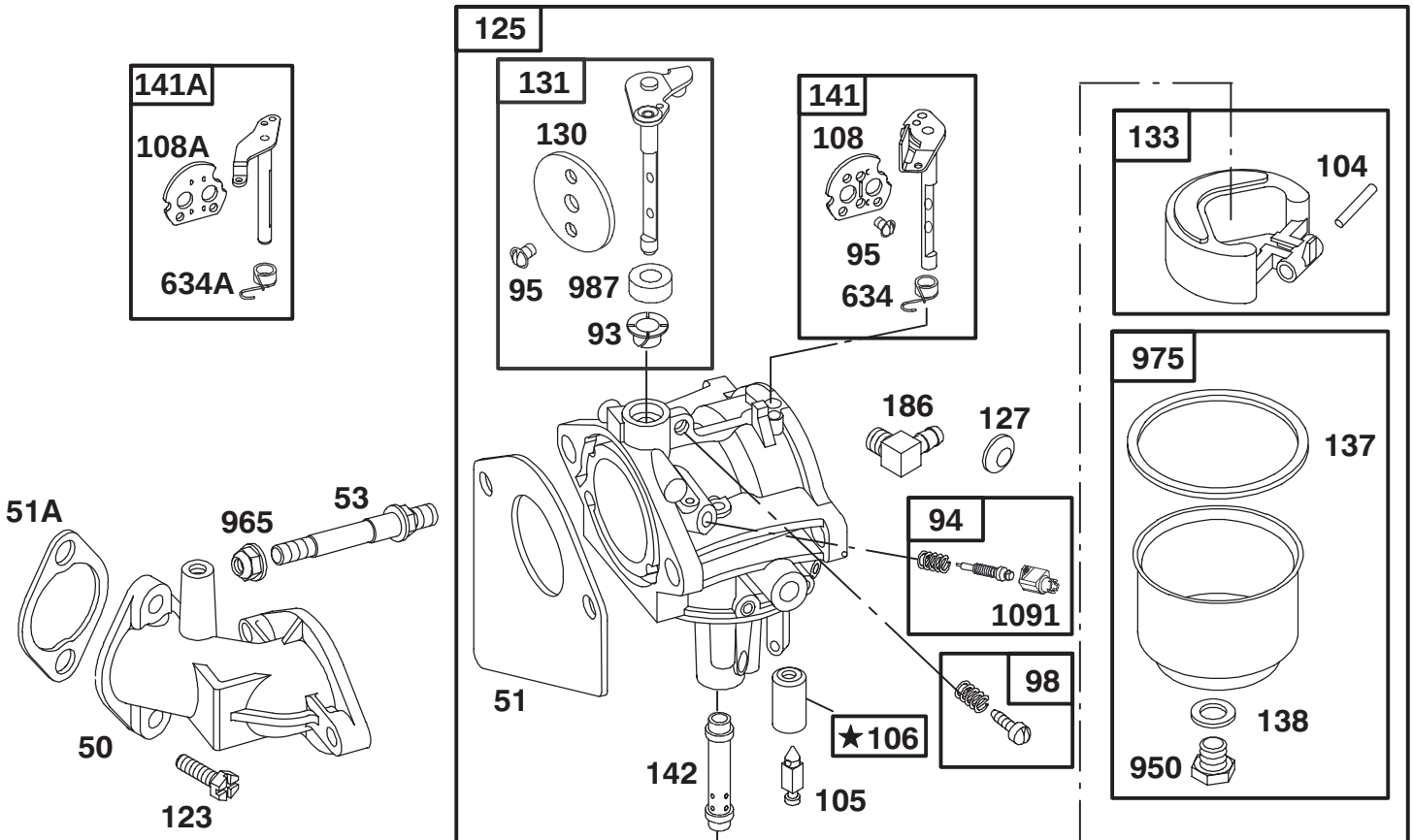
ENGINE BRIGGS & STRATTON MODEL 28M707–1182–E1

Ref. No.	Part No.	Description	No. Used
4	494238	Sump – Engine	1
★12	271916	Gasket – Crankcase (.015” Thick)	1
★	271997	Gasket – Crankcase (.005” Thick)	1
★	271996	Gasket – Crankcase (.009” Thick)	1
15	94239	Plug – Oil Drain	1
★20	291675	Seal – Oil	1
22	95187	Screw – Hex.	1
25	499282	Piston Assy. (Std.)	1
	499286	Piston Assy. (.010” O.S.)	1
	499290	Piston Assy. (.020” O.S.)	1
	499294	Piston Assy. (.030” O.S.)	1
26	391780	Ring Set (Std.)	1
	391781	Ring Set (.010” O.S.)	1
	391782	Ring Set (.020” O.S.)	1
	391783	Ring Set (.030” O.S.)	1

Ref. No.	Part No.	Description	No. Used
27	263129	Lock – Piston Pin	1
28	498319	Pin – Piston (Standard)	1
	498320	Pin – Piston (.005” O.S.)	1
29	490348	Rod – Connecting	1
	490469	Rod – Connecting (020” U.S. Crankpin Bore)	1
32	94671	Screw – Connecting Rod	1
33	262246	Valve – Exhaust	1
34	262247	Valve – Intake	1
35	65906	Spring – Intake Valve	1
36	26828	Spring – Exhaust Valve	1
40	221596	Retainer – Intake Valve	1
41	292260	Retainer – Exhaust Valve	1
42	494553	Keeper – Valve	1
45	262248	Tappet – Valve	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.

● Included in Carburetor Kit–Part No. 499220.
● Included in Valve Overhaul Gasket Set–Part No. 498539.



★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

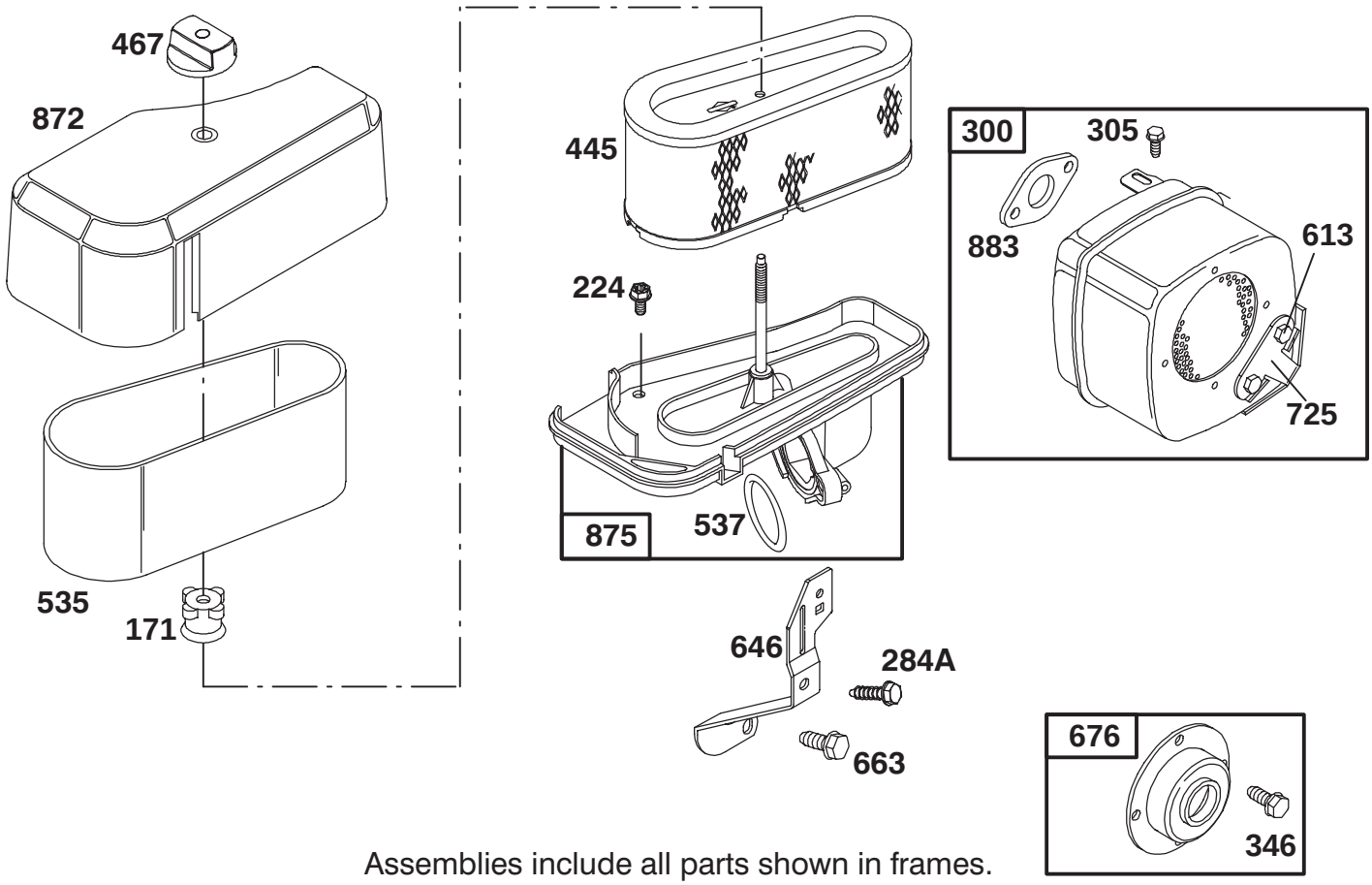
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707–1182–E1

Ref. No.	Part No.	Description	No. Used
50	213819	Manifold – Intake	1
●◆51	272465	Gasket – Carburetor (Carb. to Manifold)	1
●★51A	272554	Gasket – Carburetor (Manifold to Cylinder)	1
53	94637	Stud – Carb. Mtg.	1
●93	281346	Bushing – Throttle Shaft	1
94	498030	Valve – Needle	1
●95	94098	Screw – Throttle	1
98	495800	Screw – Idle Speed	1
●104	231789	Pin – Float Hinge	1
●105	231855	Valve – Float Needle	1
●106	231854	Seat – Inlet	1
108	224667	Valve – Choke	1
108A	224540	Valve – Choke	1
123	94913	Screw – Torx®Hex.	1
125	498027	Carburetor	1
●127		Plug – Welch (Sold in Kit Only)	1
130	224539	Valve – Throttle	1
131	494379	Shaft – Throttle	1

Ref. No.	Part No.	Description	No. Used
133	494381	Float – Carburetor	1
●◆137	281165	Gasket – Float Bowl	1
●◆138	281164	Washer – Float Bowl Screw	1
141	495097	Shaft – Choke (Manual Choke)	1
141A	495931	Shaft – Choke (Choke–A–Matic)	1
●142	497566	Nozzle – Carburetor (Standard)	1
	497567	Nozzle – Carburetor (High Alt.)	1
186	493496	Connector – Fuel	1
●634	494453	Seal – Spring Assembly	1
●634A	494455	Seal – Spring Assembly	1
950	94642	Screw – Fuel Bowl	1
965	94010	Nut – Hex.	1
975	494378	Bowl – Float	1
●987	281166	Seal – Throttle Shaft	1
1091	281364	Cap – Limiter	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
● Included in Valve Overhaul Gasket Set–Part No. 498539.



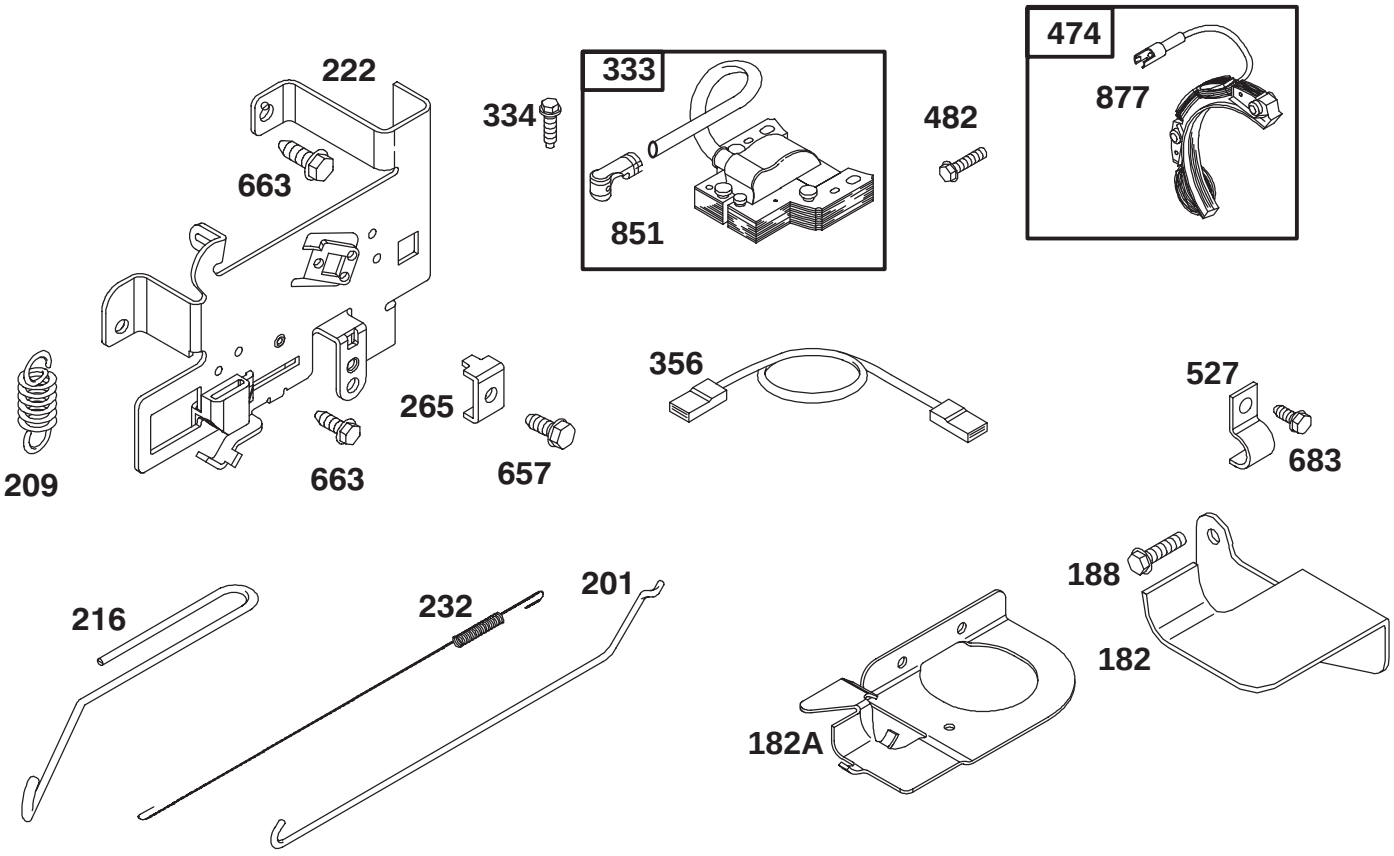
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707–1182–E1

Ref. No.	Part No.	Description	No. Used
171	281051	Nut – Air Cleaner	1
224	94905	Screw – Torx®Hex.	1
284A	94704	Screw – Hex.	1
300	491413	Muffler – Exhaust	1
305	94786	Screw – Hex.	1
346	94896	Screw – Hex.	1
445	496894	Filter – Air	1
467	493903	Nut – Air Cleaner	1
535	272403	Filter – Precleaner	1

Ref. No.	Part No.	Description	No. Used
●★537	281106	Gasket – Air Cleaner	1
613	93927	Screw – Shoulder	1
646	224546	Brace – Air Cleaner	1
676	396903	Deflector – Muffler	1
663	94620	Screw – Hex.	1
725	223023	Shield – Heat	1
872	281361	Cover – Air Cleaner	1
875	494237	Base – Air Cleaner	1
●★883	272293	Gasket – Exhaust	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
● Included in Valve Overhaul Gasket Set–Part No. 498539.



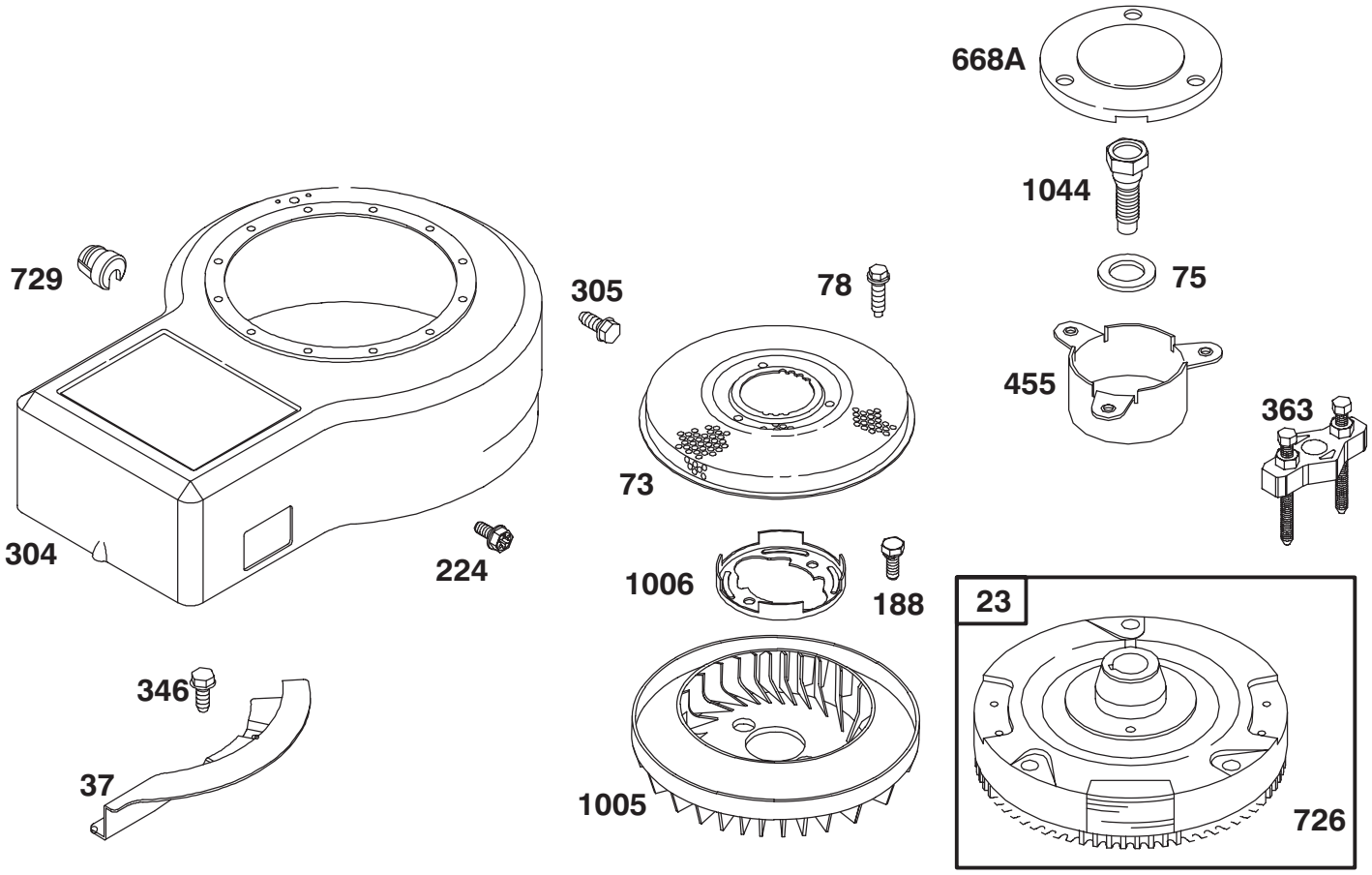
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707–1182–E1

Ref. No.	Part No.	Description	No. Used
182	223925	Bracket – Tank Mounting (R.H,)	1
182A	498194	Bracket – Tank Mounting (L.H,)	1
188	94480	Screw – Hex.	1
201	262767	Link – Governor	1
209	260871	Spring – Governor	1
216	262766	Link – Choke	1
222	495611	Bracket – Control	1
232	262785	Spring – Link	1
265	221535	Clamp – Casing	1

Ref. No.	Part No.	Description	No. Used
333	492341	Armature – Magneto	1
334	94731	Screw – Hex.	1
356	494328	Wire – Stop	1
474	391529	Alternator	1
482	93621	Screw – Hex.	1
527	221428	Clamp – Tube	1
657	94906	Screw – Hex.	1
663	94929	Screw – Hex.	1
683	94602	Screw – Hex.	1
851	493880	Terminal – Ignition Cable	1
877	393814	Wire – Alternator	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
● Included in Valve Overhaul Gasket Set–Part No. 498539.



Assemblies include all parts shown in frames.

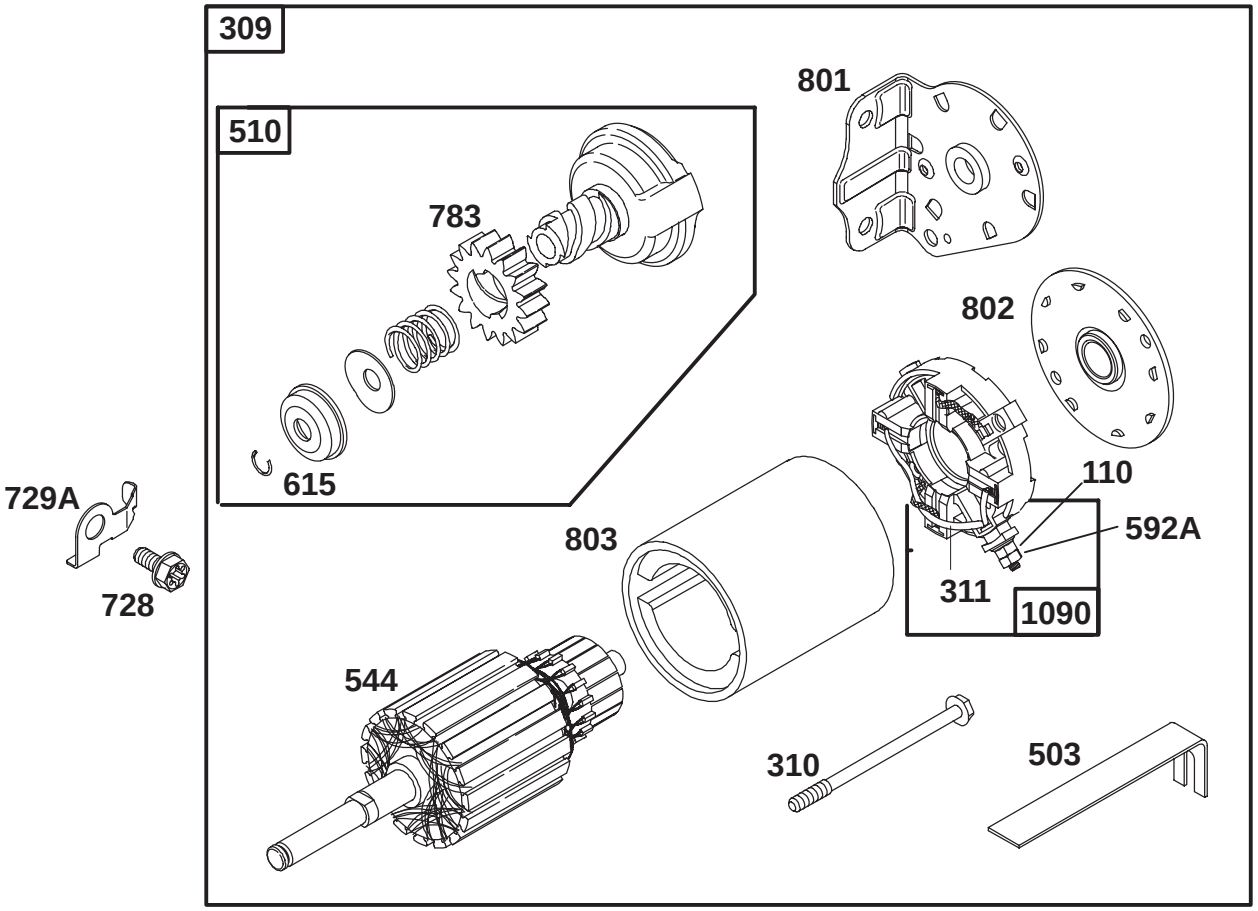
ENGINE BRIGGS & STRATTON MODEL 28M707–1182–E1

Ref. No.	Part No.	Description	No. Used
23	492326	Flywheel	1
37	224502	Guard – Flywheel	1
73	224948	Screen – Rotating	1
75	225136	Washer – Flywheel	1
78	94626	Screw – Phillips	1
188	94627	Screw – Hex.	1
224	94905	Screw – Torx®Hex.	1
304	496431	Housing – Blower	1
305	94786	Screw – Hex.	1
346	94896	Screw – Hex.	1

Ref. No.	Part No.	Description	No. Used
363	19203	Puller – Flywheel	1
455	222561	Cup – Flywheel	1
668A	280848	Spacer	1
726	392134	Gear – Ring (Includes Mtg Hardware)	1
729	281159	Clip – Wire	1
1005	281400	Fan – Flywheel	1
1006	224413	Retainer – Fan	1
1044	94673	Screw – Shoulder	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.

● Included in Carburetor Kit–Part No. 499220.
● Included in Valve Overhaul Gasket Set–Part No. 498539.



Assemblies include all parts shown in frames.

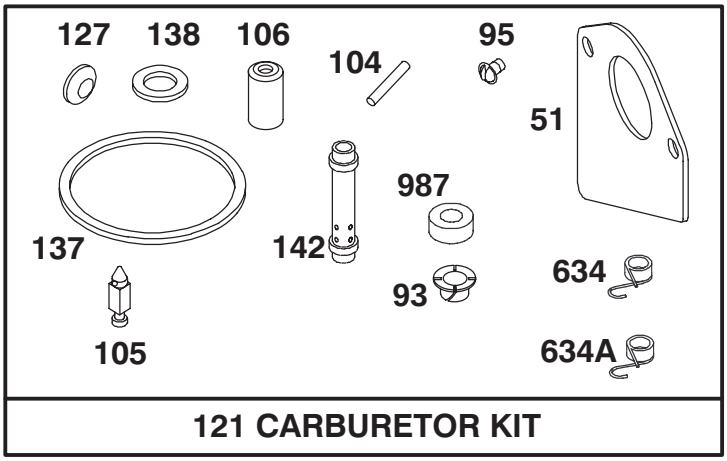
ENGINE BRIGGS & STRATTON MODEL 28M707—1182—E1

Ref. No.	Part No.	Description	No. Used
110	225137	Washer — Flat	1
309	497595	Motor — Starter	1
310	94003	Bolt — Thru	1
311	497608	Brush Set	1
503	806000	Strap — Starter	1
510	497606	Drive — Starter	1
544	497603	Armature — Starter	1
592A	92278	Nut — Hex.	1

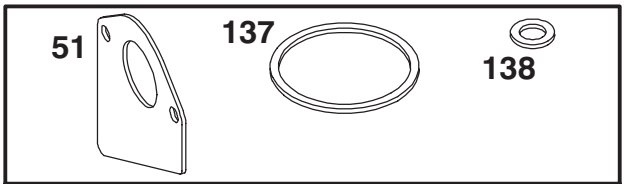
Ref. No.	Part No.	Description	No. Used
615	263080	Ring — Retaining	1
728	94951	Screw — Torx®	1
729A	225170	Clip — Wire	1
783	280104	Gear — Starter	1
801	394856	Cap — Drive	1
802	497607	Cap — End	1
803	497604	Housing — Starter	1
1090	497605	Retainer — Brush	1

★ Included in Gasket Set—Part No. 494241.
◆ Included in Carburetor Gasket Set—Part No. 494385.

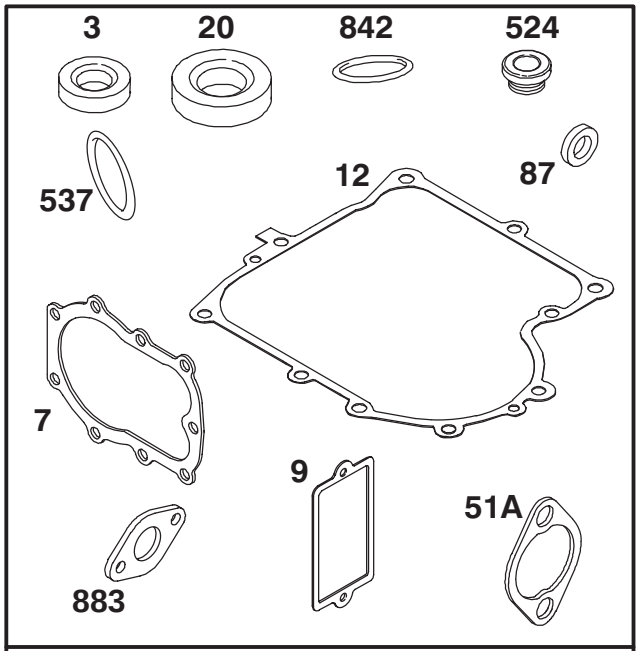
● Included in Carburetor Kit—Part No. 499220.
● Included in Valve Overhaul Gasket Set—Part No. 498539.



121 CARBURETOR KIT



977 CARBURETOR GASKET SET



358 GASKET SET

1095 VALVE OVERHAUL GASKET SET



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707—1182—E1

Ref. No.	Part No.	Description	No. Used
★3	391086	Seal — Oil	1
★●7	271866	Gasket — Cylinder Head	1
★●9	27803	Gasket — Valve Cover	1
★12	271916	Gasket — Crankcase (.015" Thick)	1
★	271997	Gasket — Crankcase (.005" Thick)	1
★	271996	Gasket — Crankcase (.009" Thick)	1
★20	291675	Seal — Oil	1
◆●51	272465	Gasket — Carburetor (Carb. to Manifold)	1
★●51A	272554	Gasket — Carburetor (Manifold to Cylinder)	1
★87	491323	Seal — Governor Shaft	1
●93	281346	Bushing — Throttle Shaft	1
●95	94098	Screw — Throttle	1
●104	231789	Pin — Float Hinge	1
●105	231855	Valve — Float Needle	1

Ref. No.	Part No.	Description	No. Used
●106	231854	Seat — Inlet	1
121	499220	Carburetor Kit	1
●127		Plug — Welch (Sold in Kit Only)	1
◆●137	281165	Gasket — Float Bowl	1
◆●138	281164	Washer — Float Bowl Screw	1
●142	494566	Nozzle — Carburetor	1
358	494241	Gasket Set	1
★524	281370	Seal — Fill Tube	1
★●537	281106	Gasket — Air Cleaner	1
●634	494453	Seal — Spring Assembly	1
●634A	494455	Seal — Spring Assembly	1
★842	270920	Seal — O-Ring	1
●★883	272293	Gasket — Exhaust	1
977	494385	Carburetor Gasket Set	1
●987	281166	Seal — Throttle Shaft	1
1095	498539	Gasket Set — Valve Overhaul	1

★ Included in Gasket Set—Part No. 494241.
◆ Included in Carburetor Gasket Set—Part No. 494385.

● Included in Carburetor Kit—Part No. 499220.
● Included in Valve Overhaul Gasket Set—Part No. 498539.

Maintenance Record

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