Form No. 3328–529 Rev A

170 DH

Lawn Tractor

Model No. 74570–200000001 and Up

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b.** The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y.** The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number 37 are indicated.

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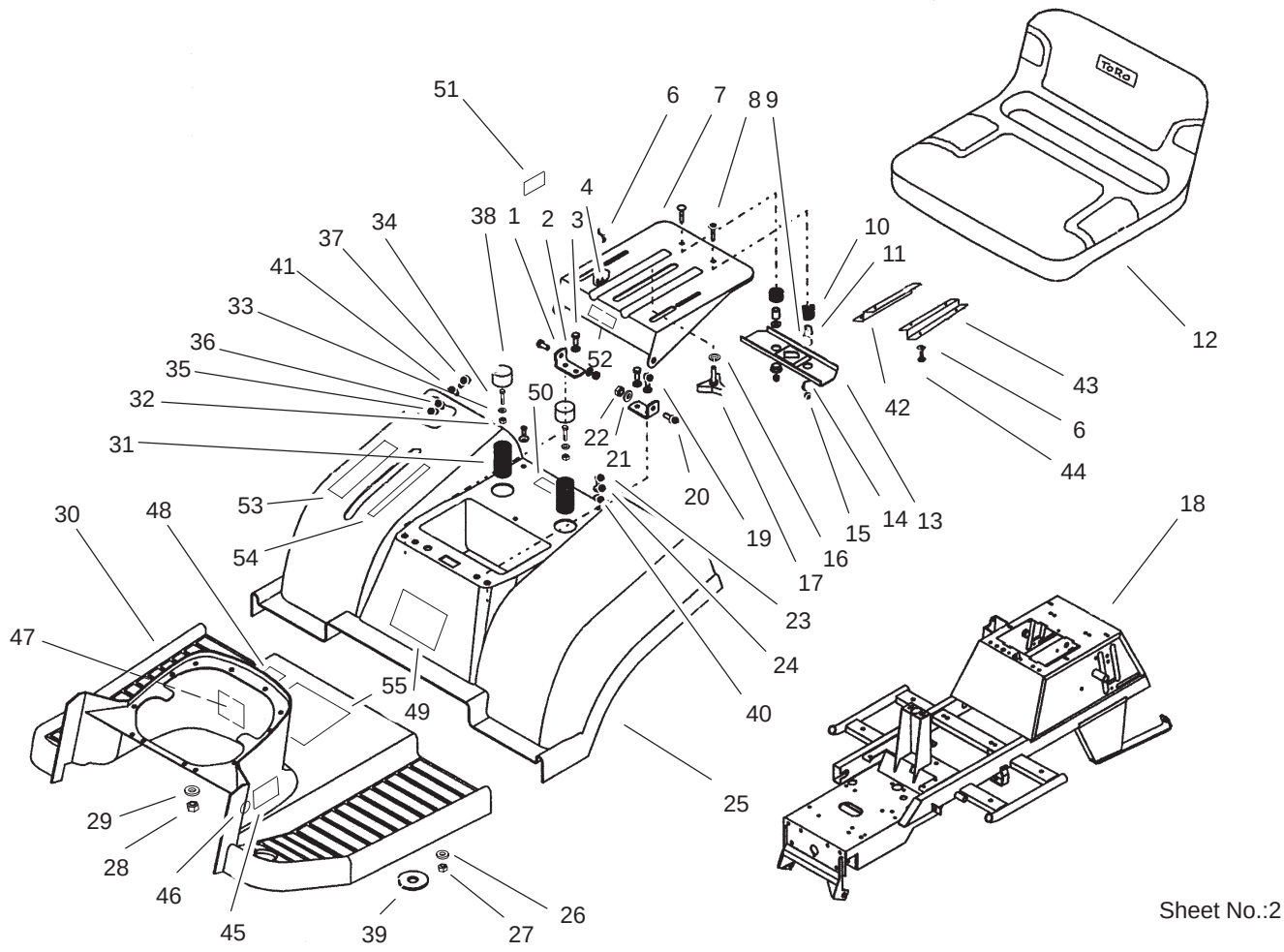
Accessories

Description	Model / Part No.	Description	Model / Part No.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head

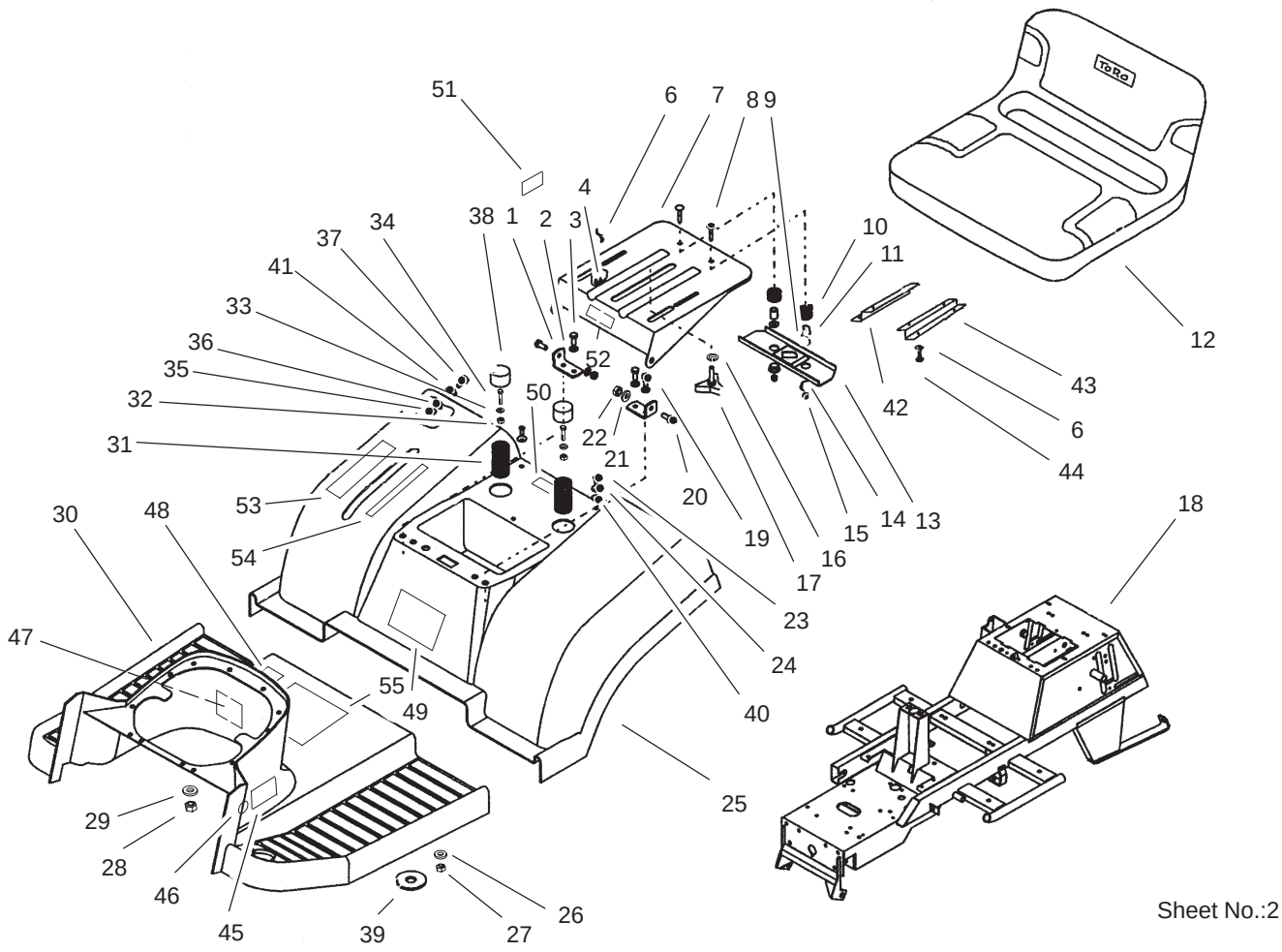


Sheet No.:2

Body Assembly

Ref. No.	Part No.	Qty.	Description
1	104–2926	2	Bracket–Seat Support
2	104–2927	4	Washer–Spring
3	33114–025	3	Screw–HH
4	104–3192	2	Bolt–Hex
6	104–2927	4	Washer–Spring
7	104–2929	1	Support–Seat
8	104–2930	2	Bolt–Carriage
9	104–2931	2	Washer–Flat
10	104–2932	2	Spring–Seat
11	104–2933	2	Spacer–Split
12	88–3950	1	Seat – Medium Back
13	104–2934	1	Bracket
14	104–2935	2	Bushing
15	33023–00	2	Nut–Lock
16	104–2936	2	Washer–Spring
17	104–2937	2	Knob–Adj.
18	104–2938	1	Frame–Chassis
19	33114–030	1	Screw–HH
20	104–2939	2	Screw–Seat Support
21	33094–00	6	Washer–Flat
22	33024–00	6	Nut–Lock
23	104–2940	2	Screw–Flt Hd Socket
24	104–2941	2	Washer–Finish
25	104–2942	1	Fender
26	33095–00	4	Washer–Flat
27	33025–00	4	Nut–Lock

Ref. No.	Part No.	Qty.	Description
28	87–5140	6	Nut–Lock
29	104–2943	6	Washer–Flat
30	104–2944	1	Footrest ASM
31	104–2945	2	Spring–Seat
32	33024–00	2	Nut–Lock
33	104–2946	6	Washer–Flat
34	33114–020	2	Screw–HH
35	87–5140	6	Nut–Lock
36	104–2943	6	Washer–Flat
37	104–2948	6	Bolt–Carriage
38	104–2857	2	Cap–Hub
39	104–2949	2	Washer–Rubber
39	104–2951	2	Washer–Rubber
40	104–2952	2	Washer–Rubber
41	104–2952	6	Washer–Rubber
42	104–2953	1	Bracket–Right Seat
43	104–2954	1	Bracket–Left Seat
44	104–3195	4	Screw–Sng
45	100–9124	2	Decal – Tower 170dh
46	104–3237	1	Decal–Parking Brake
47	104–3238	1	Decal–Starting
48	104–3241	1	Decal–Hydro Operation
49	104–3244	1	Decal–Hydro Information

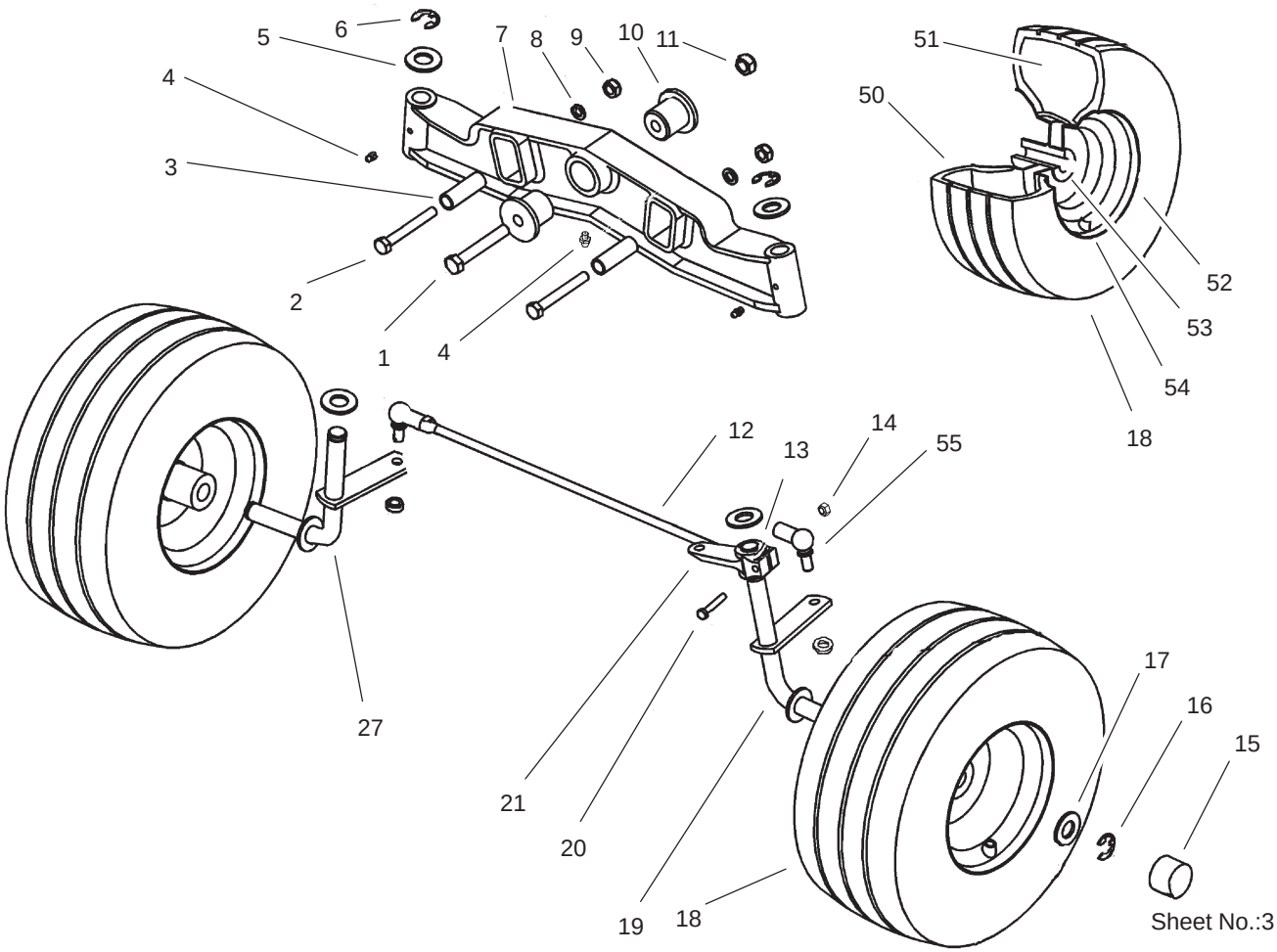


Sheet No.:2

Body Assembly

Ref. No.	Part No.	Qty.	Description
50	104–3242	1	Decal–,Bag To Frame Mating
51	99–5340	1	Decal–Nmir Switch Intl
52	93–7276	1	Decal–Danger
53	104–3240	1	Decal–HOC RH
54	104–3239	1	Decal–HOC LH
55	104–2903	1	Decal–Instruction

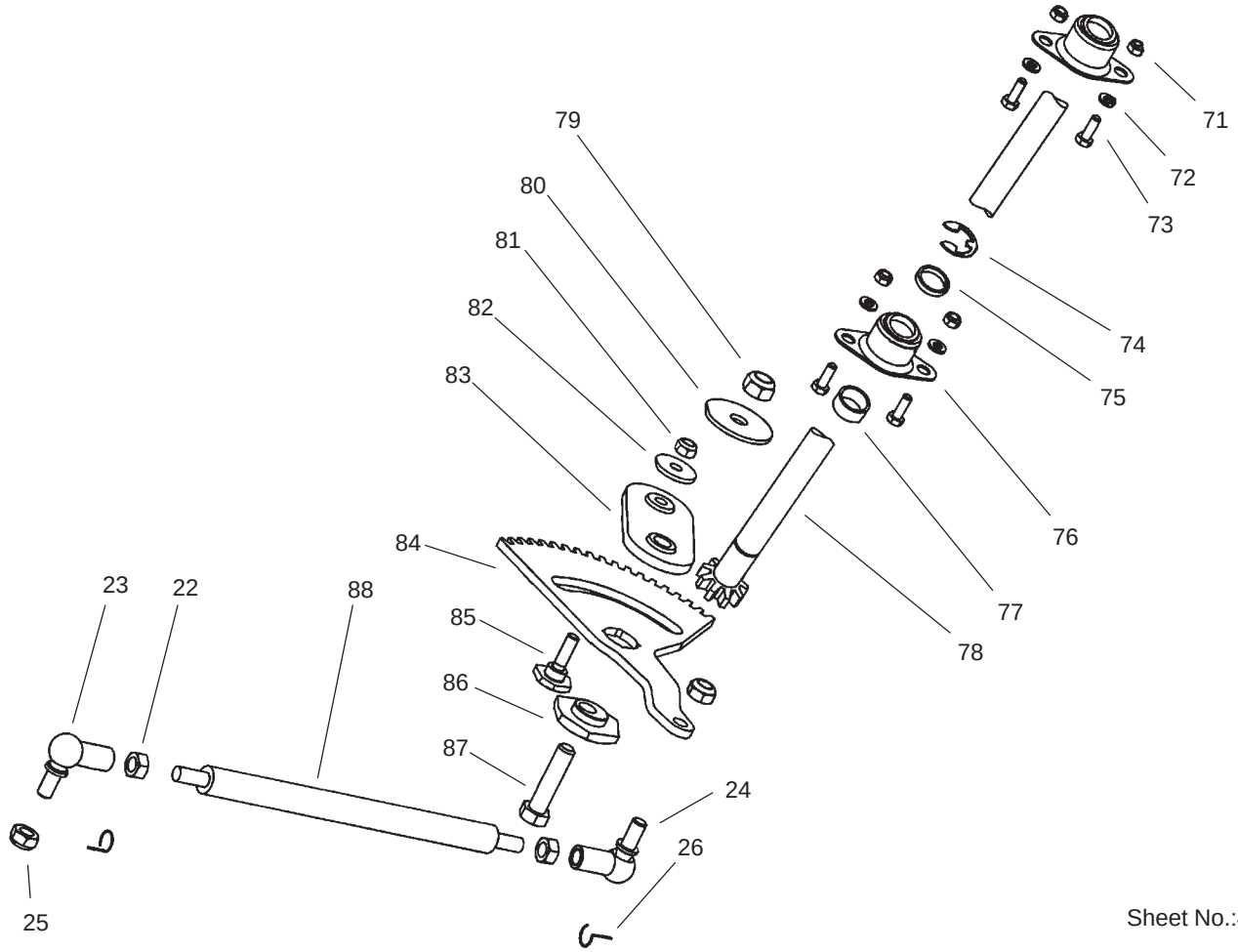
Ref. No.	Part No.	Qty.	Description



Front Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	33116–090	1	Screw–HH
2	33115–080	2	Screw–HH
3	104–2851	2	Spacer
4	104–2904	3	Fitting–Grease
5	104–2905	4	Washer–Flat
6	104–2891	2	Clip–Spring
7	104–2852	1	Axle–Front
8	104–2906	2	Washer–Flat
9	33025–00	2	Nut–Lock
10	104–2890	2	Bushing–Front Axle
11	104–2907	1	Nut–Self Locking
12	104–2855	1	Rod–Front Axle Tie
13	104–2856	1	Key–Square
14	33023–00	1	Nut–Lock
15	104–2857	2	Cap–Hub
16	104–2891	2	Clip–Spring
17	104–3206	2	Washer
18	104–2858	2	Front Tire Wheel ASM
19	104–2860	1	Spindle–LH
20	33113–045	1	Screw–HH
21	104–2862	1	Lever–Steering Spindle
27	104–2866	1	Spindle–RH
50	104–2868	2	Tyre –Turf Saver, 2–Ply
51	104–2870	2	Tube

Ref. No.	Part No.	Qty.	Description
52	104–2872	2	Wheel–W/Brgs
53	104–2874	2	Whl–Front W/Brg
54	104–2875	2	Valve–Tyre Compl.
55	104–2876	4	Joint–Ball Angle

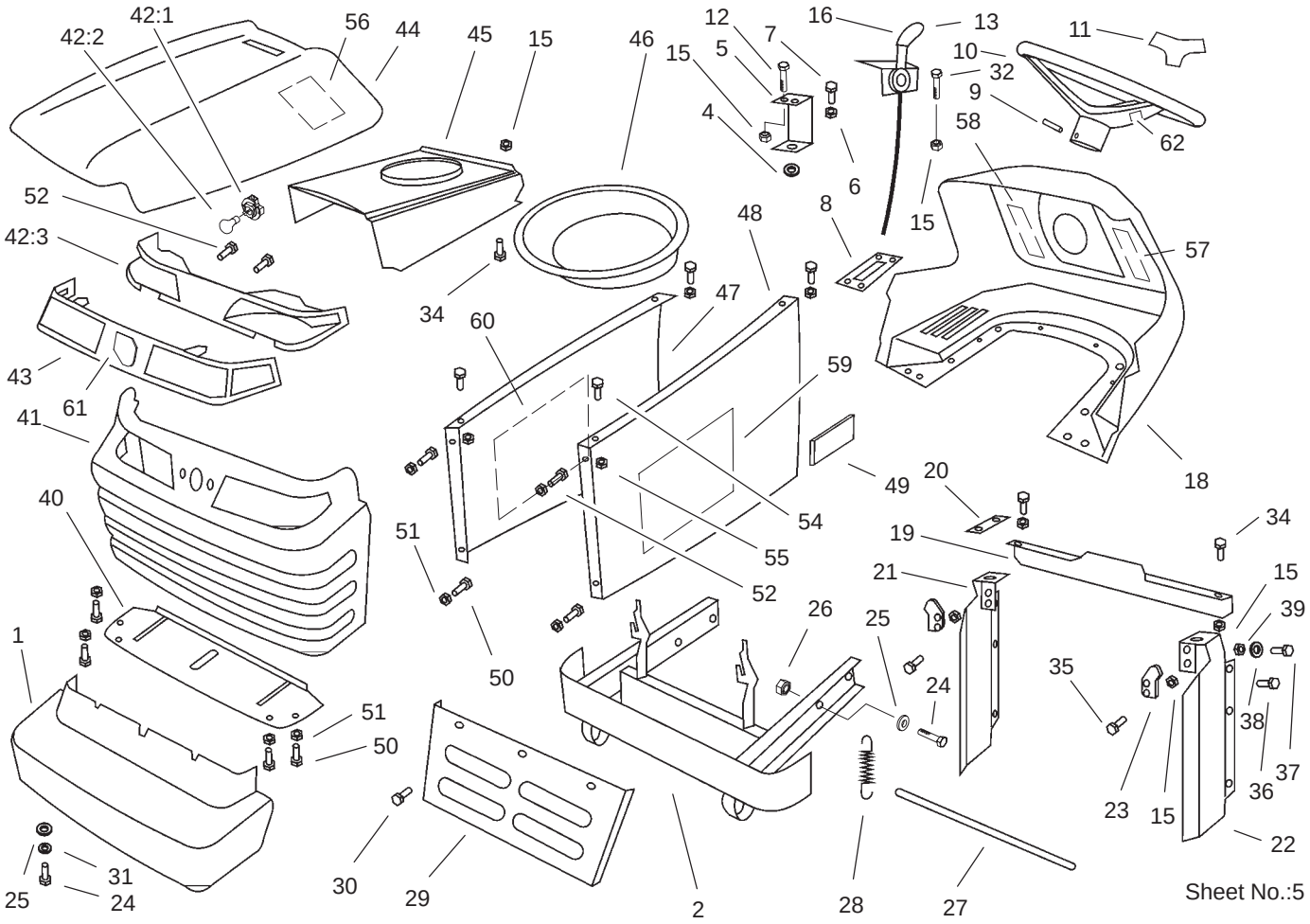


Sheet No.:4

Steering Assembly

Ref. No.	Part No.	Qty.	Description
22	33015–00	4	Nut–Hex
23	104–2863	4	Hsg–Ball Angle
24	104–2864	4	Stud–Ball
25	104–2908	4	Nut–Self Locking
26	104–2865	4	Stirrups–Locking
71	33024–00	4	Nut–Lock
72	33094–00	4	Washer–Flat
73	33114–020	4	Screw–HH
74	104–2891	1	Clip–Spring
75	104–2877	1	Spacer – Upper
76	104–2878	2	Bearing–Spherical
77	104–2879	1	Spacer–Lower
78	104–2880	1	Gear–Strg Shaft Pinion
78	104–2881	1	Gear–Strg Shaft Pinion
79	33026–00	1	Nut–Lock
80	104–2909	1	Washer–Eccentric Bolt
81	33024–00	1	Nut–Lock
82	33094–00	1	Washer–Flat
83	104–2882	1	Plate–Steering
84	104–2883	1	Gear–Sector
85	104–2884	1	Bolt–Shoulder
86	104–2885	1	Eccentric
87	104–2910	1	Screw–Hex
88	104–2886	1	Link–Drag

Ref. No.	Part No.	Qty.	Description

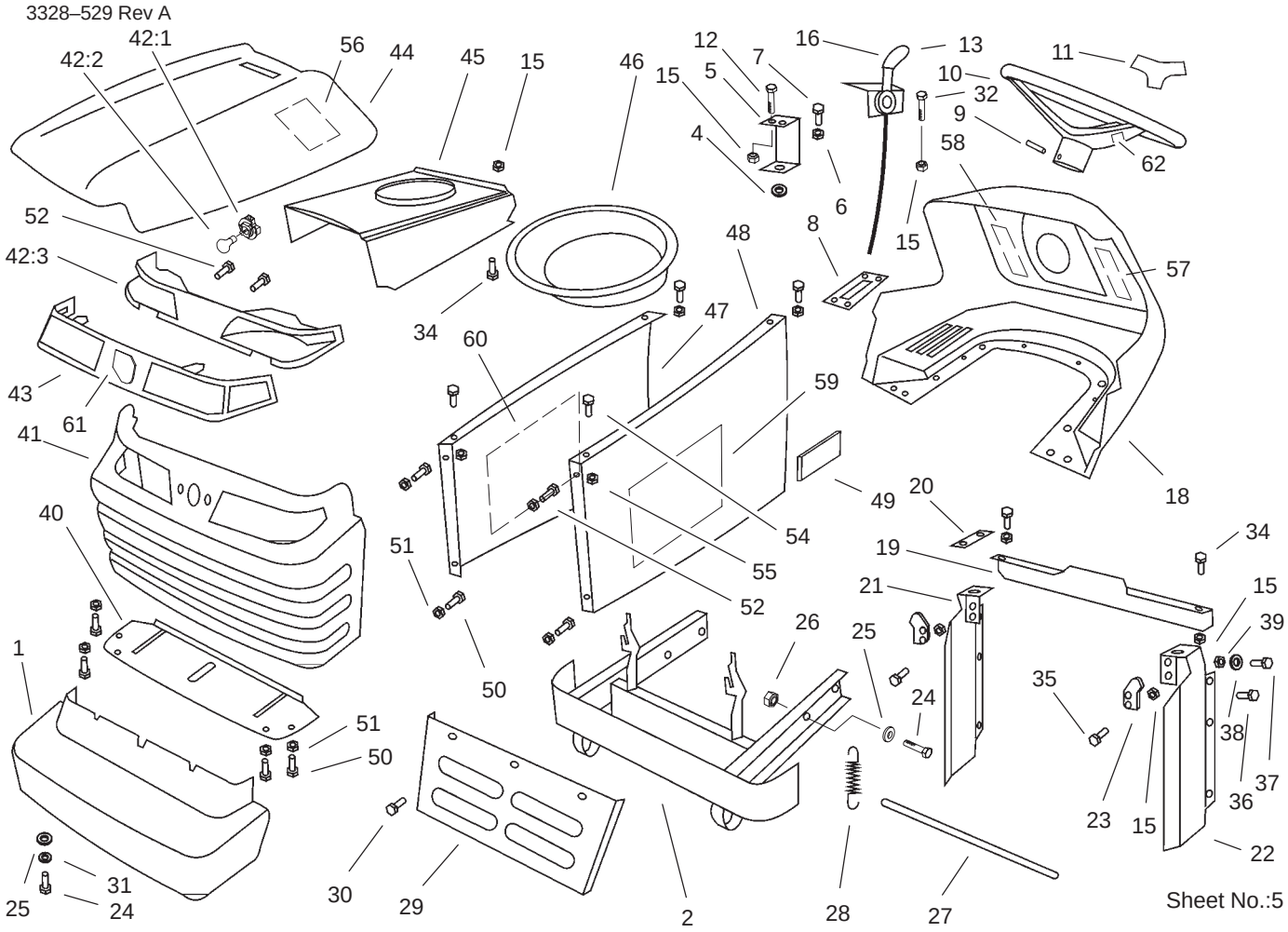


Body Assembly

Ref. No.	Part No.	Qty.	Description
1	104–2955	1	Cover–Bumper
2	104–2956	1	Bumper
*3	104–2957	1	Hood ASM
4	104–2959	1	Bushing
5	104–2960	1	Holder–Fuel Tank
6	33023–00	2	Nut–Lock
7	104–2961	2	Screw
8	104–2962	1	Brace
9	104–2963	1	Pin–Spirol
10	104–2964	1	Wheel–Steering 14”
11	98–1468	1	Cover – Wheel Steering
12	104–2966	9	Screw–Flt Hd
13	66–0120	1	Knob
15	87–5140	15	Nut–Lock
16	106–4166	1	Control–Throttle Single
17	104–2967	1	Brace
18	104–2968	1	Panel–Dash
19	104–2970	1	Brace
20	104–2971	1	Bracket
21	104–2972	1	Panel–Right
22	104–2973	1	Panel–Left
23	92–6960	2	Latch – Hood
24	33114–020	6	Screw–HH
25	104–2946	6	Washer–Flat

Ref. No.	Part No.	Qty.	Description
26	33024–00	4	Nut–Lock
27	104–2974	1	Bar–Safety
28	104–2975	1	Spring–Hood
29	104–2976	1	Shield–Heat
30	104–2977	3	Screw–Slf Drl
31	104–2927	2	Washer–Spring
34	104–2980	6	Screw
35	104–2981	4	Screw
36	104–2982	4	Screw
37	104–2983	2	Screw
38	104–2984	6	Washer
39	104–2985	6	Nut–Hex
40	104–2986	1	Bracket
41	100–1344	1	Grill
*42	88–3970	1	Reflector & Lamp ASM
42:1	111686	2	Socket–Light
42:2	7228	2	Bulb –No. 1156
42:3	93–8741	1	Reflector
43	92–6656	1	Lens – Headlight
44	92–6658	1	Hood – Top (Toro)
45	104–3245	1	Hood – Baffle
46	104–2988	1	Plennum–Air
47	92–6652	1	Side–LH Hood
48	92–6650	1	Side–RH Hood
49	92–7148	2	Foam – Sidepanel
50	104–2990	8	Screw

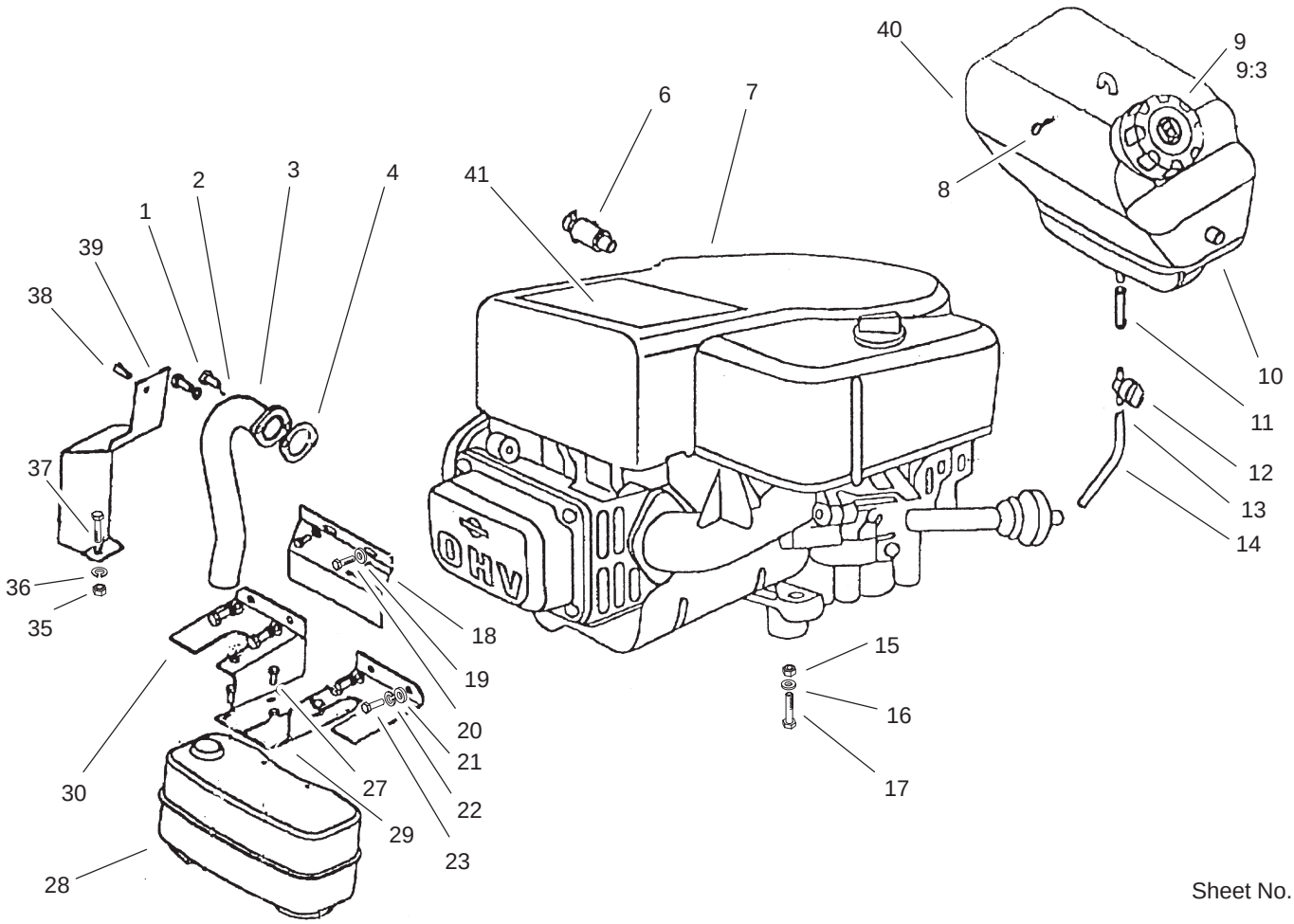
* Not illustrated



Body Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
51	104–2991	8	Nut–Hex
52	46–8093	2	Screw–Plastite
54	32105–15	4	Screw–Machine
55	92–7006	4	Nut – J Type
56	94–1980	2	Foam – Hood
57	104–3235	1	Decal–PTO 17hp Choke/Throttle/Key
58	104–3236	1	Decal, 17hp Choke/Throttle/Key
59	95–0801	1	Decal–Hood LH
60	95–0800	1	Decal–Hood RH
61	92–6987	1	Emblem–Horsehead
62	98–1459	1	Decal–Toro

Ref. No.	Part No.	Qty.	Description



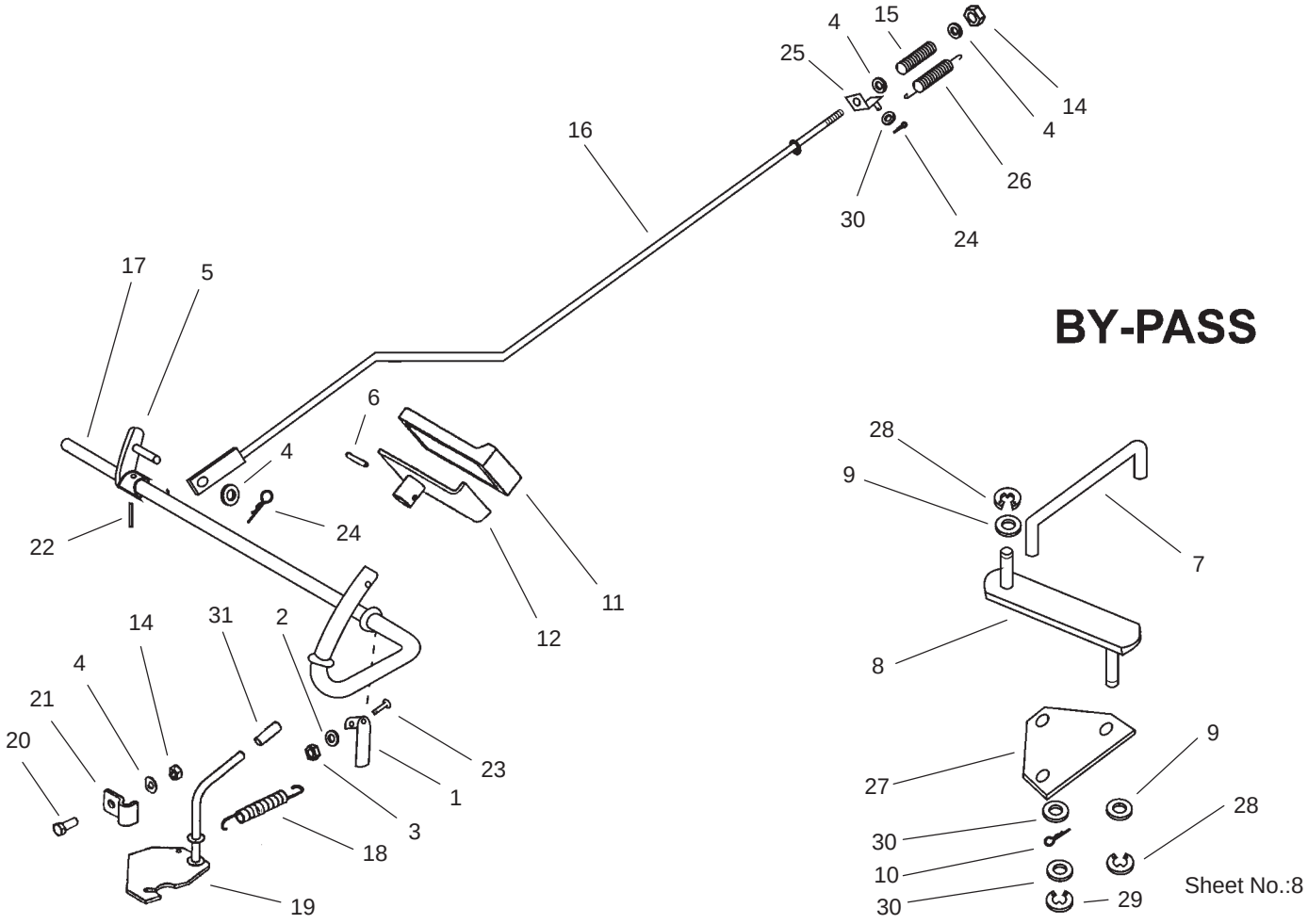
Sheet No.:6

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	322–3	2	Screw–HH
2	104–2927	2	Washer–Spring
3	104–3221	1	Tube–Exhaust
4	88–4410	1	Gasket–Muffler
6	104–3208	1	Valve–Oil Drain
☆7		2	Engine–Intek, 1cyl Briggs And Stratton Model 311777–0151–E1
8	104–3144	1	Pin–Hair
9	88–3980	1	Gas Cap ASM
9:3	88–4010	1	Gasket–Gas Cap
10	104–3057	1	Tank–Fuel
11	104–3211	1	Line–Fuel
12	104–3224	1	Valve–Fuel Tank
13	104–3212	4	Clamp–Fuel Line
14	104–3213	1	Line–Fuel
15	33024–00	4	Nut–Lock
16	33094–00	1	Washer–Flat
17	104–3085	3	Bolt–Hex Flng
17	48–7740	1	Screw
18	104–3222	1	Cover–Front
19	104–2931	2	Washer–Flat
20	32144–4	2	Screw–HH
21	104–2979	4	Washer–Flat
22	104–2927	4	Washer–Spring

Ref. No.	Part No.	Qty.	Description
23	33114–020	4	Screw–HH
27	32144–4	4	Screw–HH
28	104–3229	1	Muffler–17hp
29	104–3214	1	Guard–LH Muffler Heat
30	104–3215	1	Guard–RH Muffler Heat
35	33013–00	1	Nut–Hex
36	104–3186	1	Washer–Spring
37	33113–016	1	Screw–HH
38	32144–4	1	Screw–HH
39	104–3223	1	Cover–Exhaust Manifold
40	104–3220	1	Tank–Fuel W/Cap
41	104–2902	1	Decal–Engine 17hp

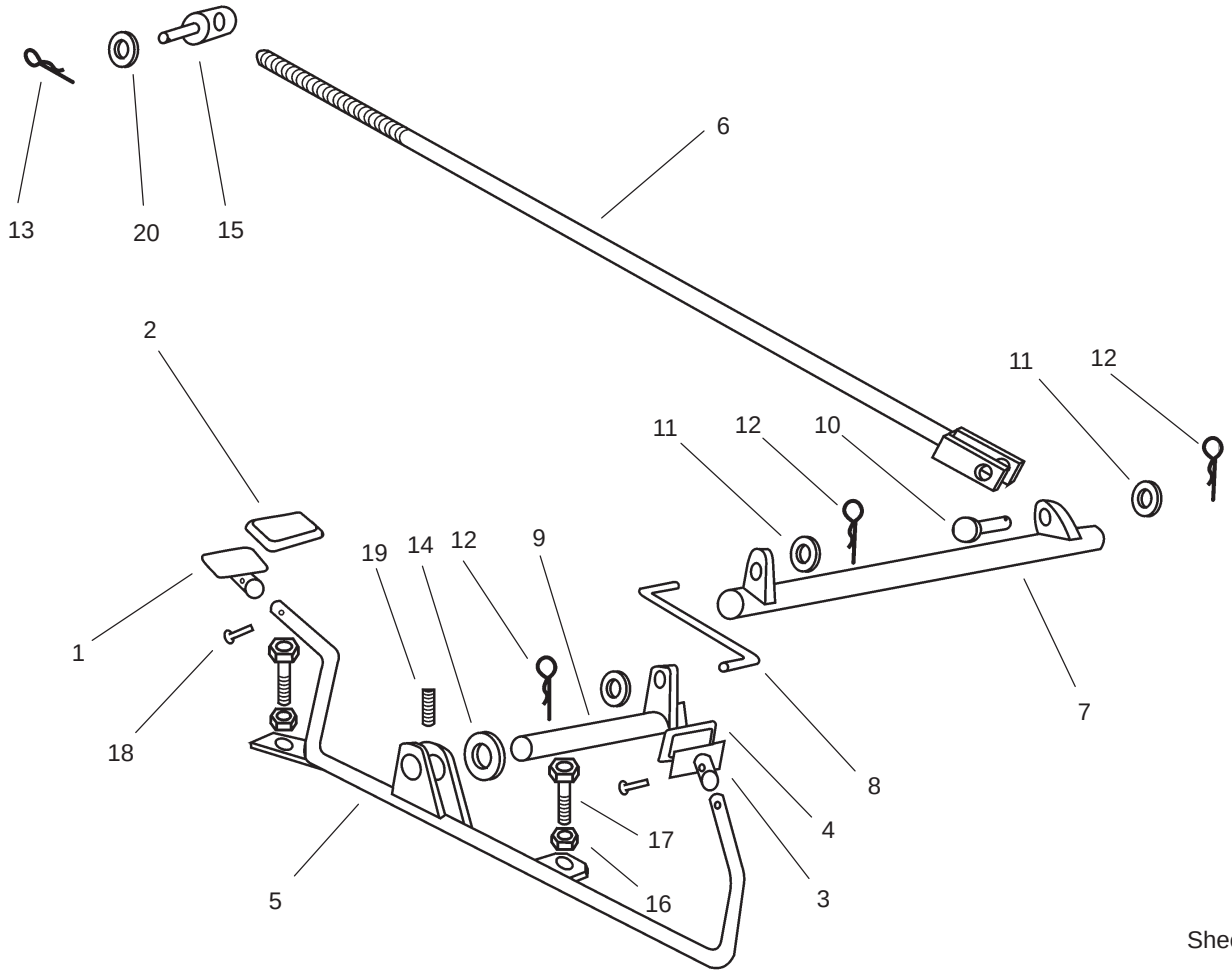
☆ Not serviced separately



Operation (Brake) By–Pass Assembly

Ref. No.	Part No.	Qty.	Description
1	104–2992	1	Lever–Spring
2	104–2984	1	Washer
3	104–2985	1	Nut–Hex
4	33094–00	4	Washer–Flat
5	104–2993	1	Bracket–Brake Rod
6	104–2994	1	Pin–Spring
7	104–2995	1	Lever–Bypass
8	104–2996	1	Arm–Bypass Lever
9	104–3193	3	Washer
10	104–2997	1	Pin–Cotter
11	104–2998	1	Pad–Pedal
12	104–2999	1	Pedal
14	33024–00	1	Nut–Lock
15	104–3002	1	Spring–Brake
16	104–3003	1	Rod–Brake Connecting
17	104–3004	1	Shaft–Brake
18	104–3005	1	Spring–Hand Brake
19	104–3006	1	Lever–Hand Brake
20	33114–020	1	Screw–HH
21	104–3007	1	Clamp–Parking Brake Lever
22	104–3008	1	Pin–Spring
23	104–3009	1	Screw–Hex
24	104–3016	2	Pin–Cotter
25	104–3011	1	Bracket–Brake Rod

Ref. No.	Part No.	Qty.	Description
26	104–3012	1	Spring
27	104–3013	1	Plate–By–Pass
28	104–3014	2	Stirrup
29	104–3015	1	Stirrup
30	33095–00	3	Washer–Flat
31	104–3247	1	Cap A281/B1–1/2

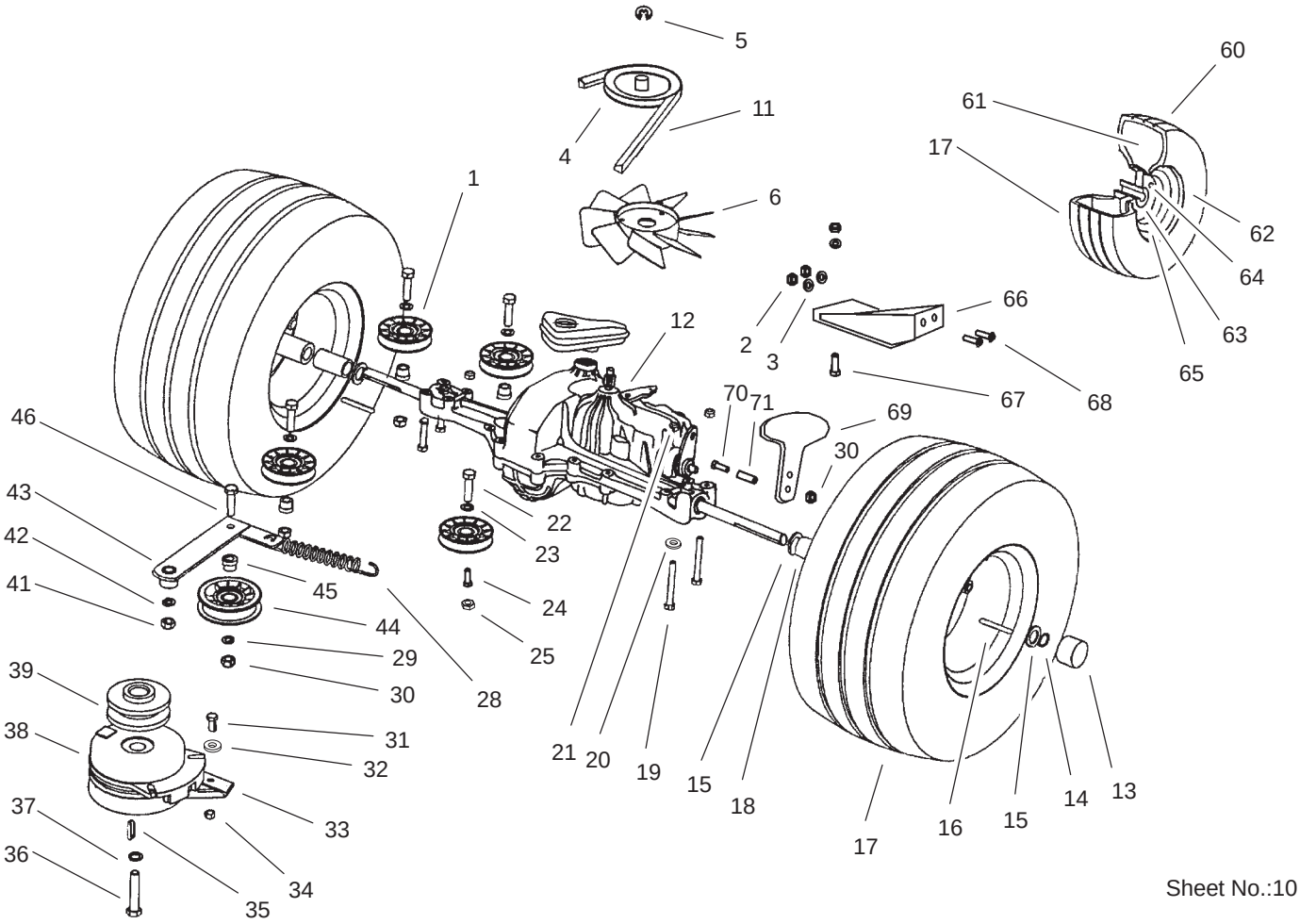


Sheet No.:9

Operation (Travel Pedals) Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3017	1	Pedal–Travel Rear
2	104–3018	1	Pad–Pedal Skoda
3	104–3019	1	Pedal–Travel Front
4	104–3020	1	Pad–Pedal Front
5	104–3021	1	Pad–Travel
6	104–3022	1	Rod–Tie
7	104–3023	1	Shaft–Diagonal
8	104–3024	1	Link–Formed
9	104–3025	1	Shaft–Diagonal
10	104–3026	1	Pin
11	33095–00	3	Washer–Flat
12	104–3016	3	Pin–Cotter
13	104–3027	1	Pin–Cotter
14	104–3028	1	Spacer
15	104–3029	1	Pin
16	33014–00	2	Nut–Hex
17	94–3489	2	Capscrew – Hex Hd
18	104–3008	2	Pin–Spring
19	104–3030	1	Pin–Spring
20	104–3031	1	Washer

Ref. No.	Part No.	Qty.	Description



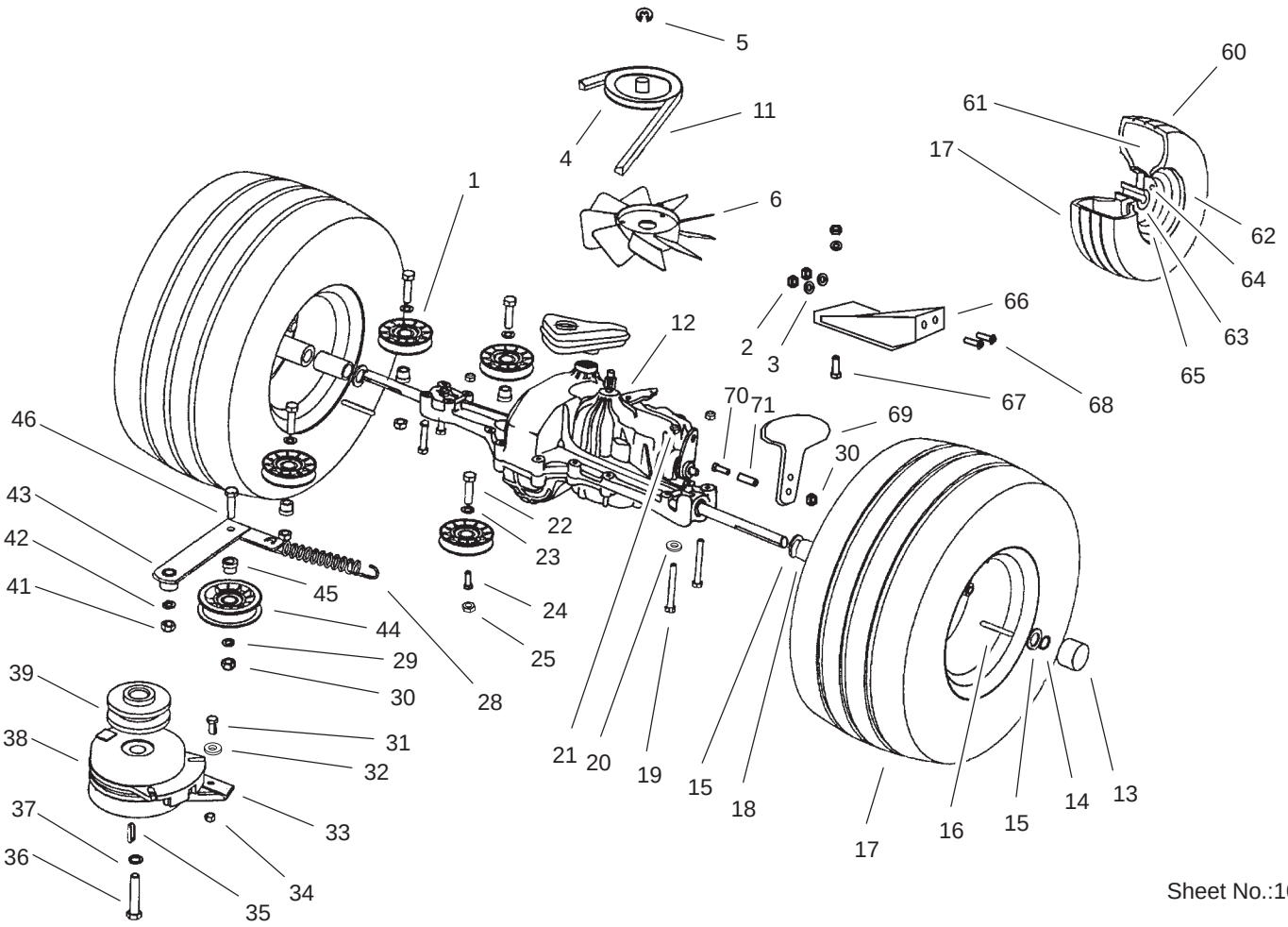
Sheet No.:10

Transmission Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	104–2887	4	Pully–Idler
2	33024–00	3	Nut–Lock
3	33094–00	3	Washer–Flat
4	104–3197	1	Pulley–Transmission
5	104–3198	1	E–Ring
6	104–3199	1	Fan– Transmission
11	104–2888	1	V–Belt–Traction
12	104–2889	1	Transmission
13	104–2857	2	Cap–Hub
14	104–2891	2	Clip–Spring
15	104–3206	4	Washer
16	104–2892	2	Key–Square
17	104–2893	2	Tyre–Rear Whl ASM
18	104–2895	2	Spacer–Axle
19	60–6690	4	Capscrew
20	33094–00	4	Washer–Flat
21	33024–00	4	Nut–Lock
22	33115–040	4	Screw–HH
23	33095–00	4	Washer–Flat
24	104–2896	4	Bushing–Idler
25	33025–00	4	Nut–Lock
28	104–2897	1	Spring
29	33095–00	1	Washer–Flat
30	33025–00	1	Nut–Lock
31	33114–020	1	Screw–HH
32	33094–00	1	Washer–Flat

Ref. No.	Part No.	Qty.	Description
33	104–2898	1	Retainer
34	33024–00	1	Nut–Lock
35	104–2899	1	Key–Square
36	3212–10	1	Screw–HH
37	93–9043	1	Washer– Belleville Spring
38	104–3334	1	Clutch–Electric
39	104–2911	1	Pulley–Engine
41	33024–00	1	Nut–Lock
42	33094–00	1	Washer–Flat
43	104–2912	1	Arm–Idler
44	104–2913	1	Pulley–Idler
45	104–2896	1	Bushing–Idler
46	33115–040	1	Screw–HH
60	104–2916	2	Tire–Turf Saver
61	104–2918	2	Tube
62	104–2919	2	Rim
*62	104–2920	2	Wheel ASM
63	104–2921	2	Hub–Wheel
64	104–2922	8	Nut–Wheel
65	104–2875	2	Valve–Tyre Compl.
66	104–2923	1	Stabilizer–20” Wheels
67	98–5827	2	Screw–Hex Hd
68	33114–025	2	Screw–HH
69	104–2924	1	Arm–Cruise Control
70	33115–045	1	Screw–HH

* Not illustrated

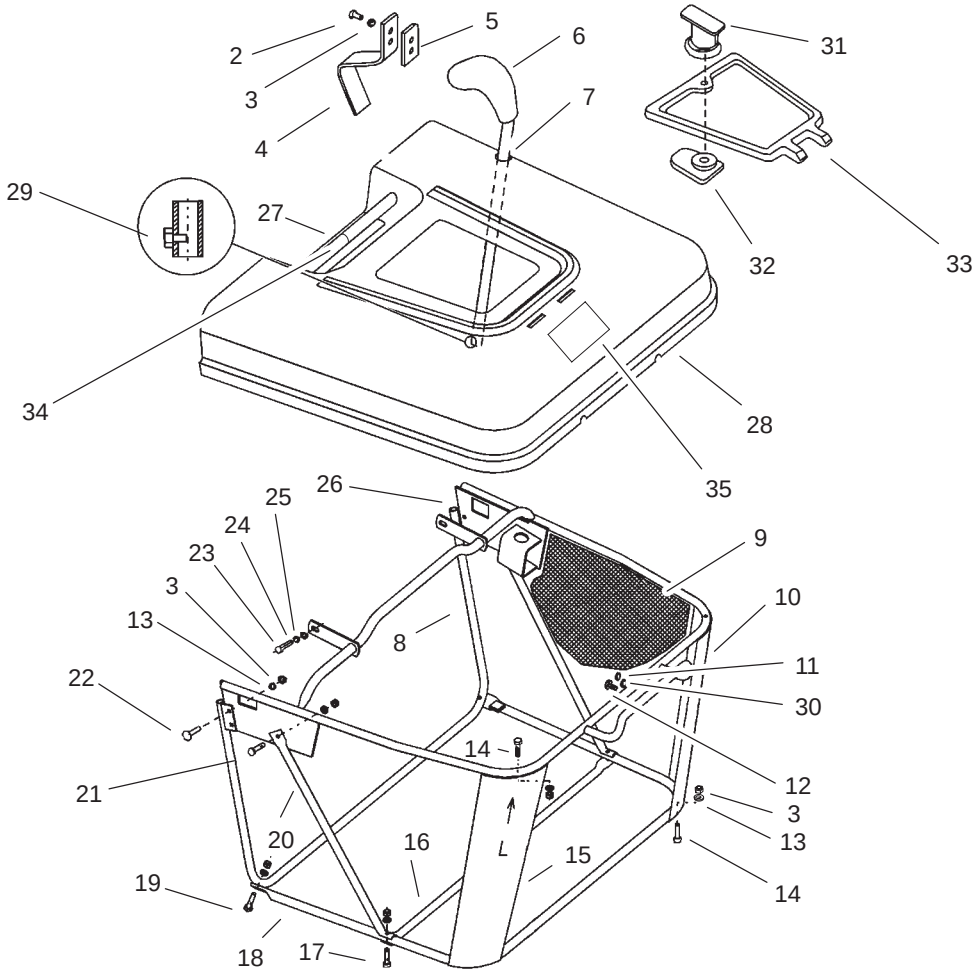


Sheet No.:10

Transmission Drive Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
71	104–2925	1	Bushing

Ref. No.	Part No.	Qty.	Description



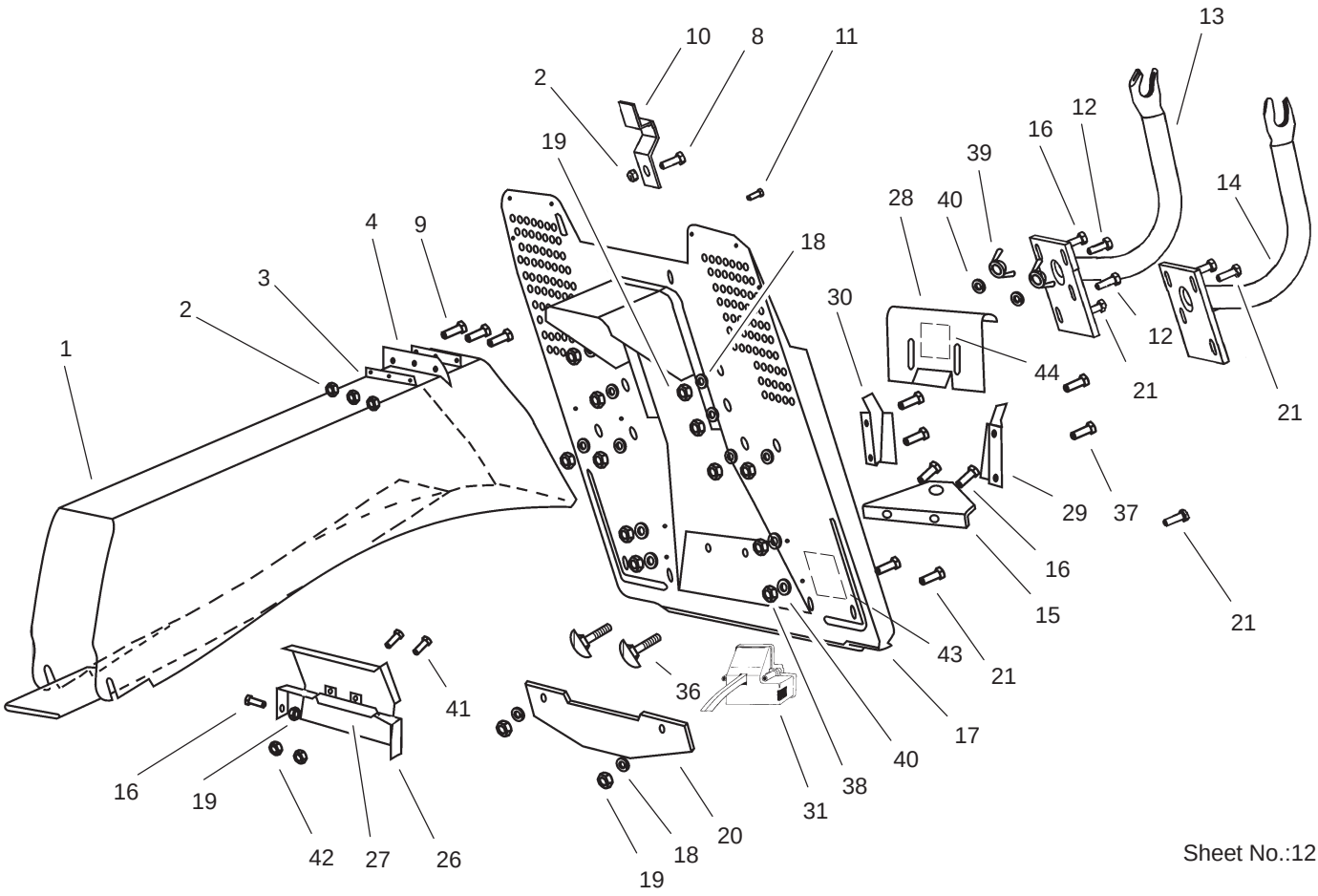
Sheet No.:11

Grass Collector Assembly

Ref. No.	Part No.	Qty.	Description
*1	104–3032	1	Grass Coll ASM
2	60–6910	2	Screw
3	87–5140	16	Nut–Lock
4	104–3033	1	Spring–Coll Interlock Switch
5	104–3034	1	Washer–Spring
6	104–3035	1	Grip–Dump Lever Handle
7	104–3036	1	Lever–Dumping
8	104–3037	1	Front Frame ASM
9	104–3038	1	Bag–Grass Coll
10	104–3039	1	Support–Right Corner
11	104–2943	7	Washer–Flat
12	104–3040	7	Screw–Tapping
13	52–6430	14	Washer
14	104–3041	4	Screw–Hex
15	104–3042	1	Support–Left Corner
16	104–3043	1	Brace–Connecting
17	104–3044	2	Screw–Hex
18	104–3045	1	Bottom Frame ASM
19	104–3041	2	Screw–Hex
20	104–3046	2	Brace
21	60–6910	2	Screw
22	104–2948	4	Bolt–Carriage
23	33114–020	2	Screw–HH
24	104–2927	2	Washer–Spring

Ref. No.	Part No.	Qty.	Description
25	104–2946	2	Washer–Flat
26	104–3047	1	Top Frame ASM
27	104–3048	1	Handle–Lift
28	104–3049	1	Cover–Coll
29	32144–4	1	Screw–HH
30	104–2952	7	Washer–Rubber
31	104–3051	1	Knob
32	104–3052	1	Arm–Knob
33	104–3053	1	Window–Transparent
34	104–3242	1	Decal–Bag To Frame Mating
35	93–6654	1	Decal–Danger Covers

* Not illustrated

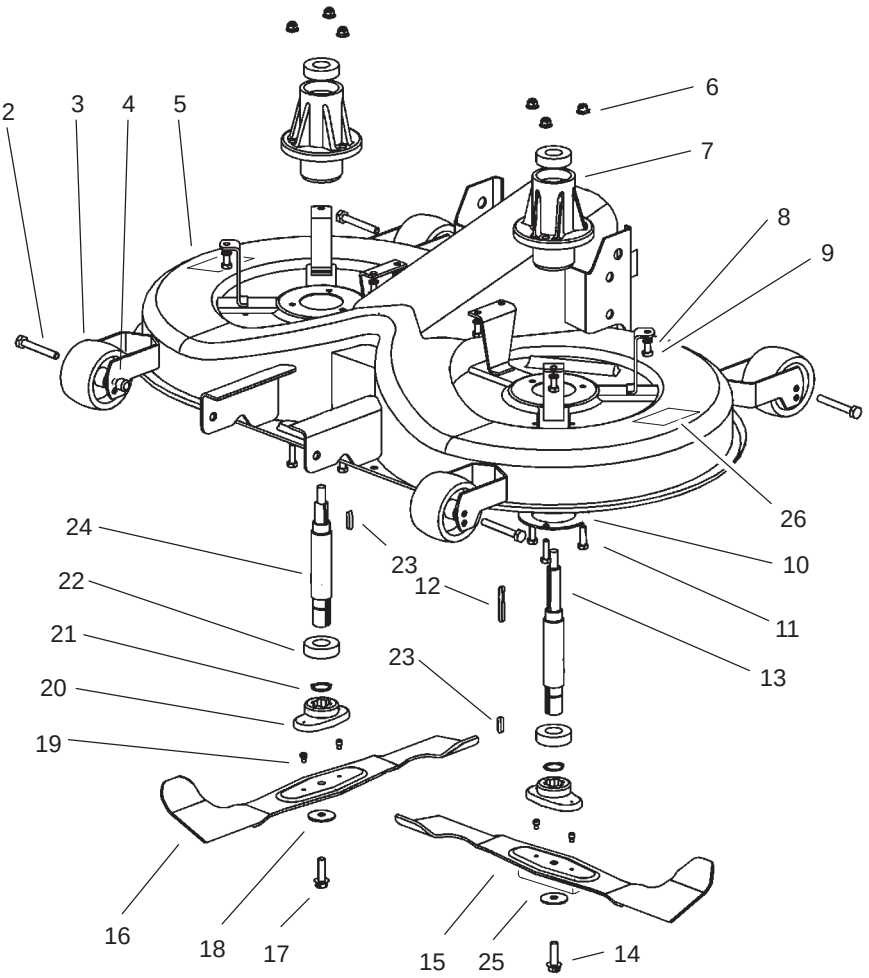


Sheet No.:12

Chute–Collector Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3054	1	Tunnel
2	104–2985	6	Nut–Hex
3	104–3055	1	Plate–Support
4	104–3056	1	Seal–Rubber
8	104–2983	1	Screw
9	104–3058	3	Screw–Slt Hd
10	104–3059	1	Cover–Switch
11	104–3060	2	Bolt–Carriage
12	104–3061	4	Screw
13	104–3062	1	Support–Right Collector
14	104–3063	1	Support–Left Collector
15	104–3064	1	Hitch–Tow
16	104–3065	6	Screw–Hex
17	104–3066	1	Collector Plate ASM
18	33095–00	6	Washer–Flat
19	33024–00	10	Nut–Lock
20	104–3067	1	Support–Tow Hitch
21	104–3068	5	Screw–Hex
26	104–3069	1	Bracket–Protective Shield
27	104–3070	1	Shield–Protective
28	104–3071	1	Shield–Adjustable
29	104–3072	1	Chute–Left Rear Plate
30	104–3073	1	Chute–Right Rear Plate

Ref. No.	Part No.	Qty.	Description
31	104–3074	1	Overload Switch ASM, Complete
32	104–3075	1	Lever–Overload Switch Actuation
33	104–3076	1	Housing–Overload Switch Upper
34	104–3077	1	Housing–Overload Switch Lower
35	104–3078	1	Pin–Overload Switch
36	3229–1	2	Screw–CARR
37	33113–012	4	Screw–HH
38	33023–00	4	Nut–Lock
39	32103–28	2	Nut–Wing
40	33093–00	2	Washer–Flat
41	104–2948	2	Bolt–Carriage
42	87–5140	2	Nut–Lock
43	104–3243	1	Decal–Hydro Bypass
44	104–2853	1	Decal – Bagging Position



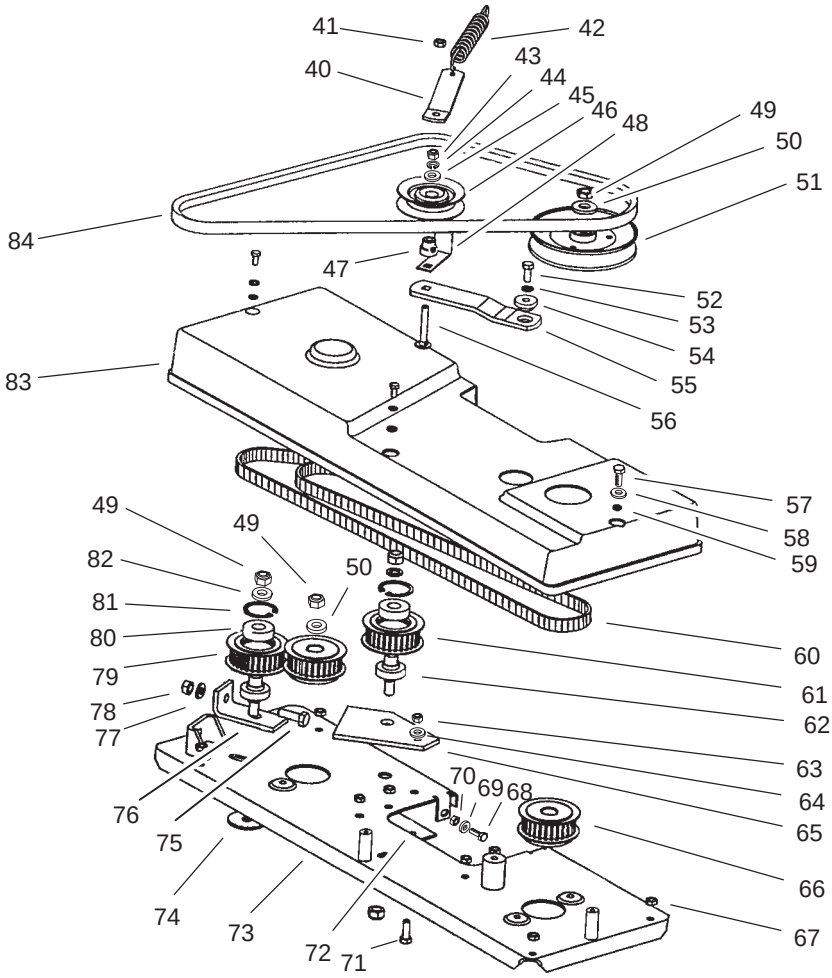
Sheet No.:13

Operation–Cutting Pan Assembly

Ref. No.	Part No.	Qty.	Description
*1	104–3079	1	Cutting System Complete
2	33115–090	4	Screw–HH
3	104–3080	4	Wheel–Gauge
4	33025–00	4	Nut–Lock
5	104–3081	1	Mower Housing Complete
6	104–3082	6	Nut–Self Lock Flng
7	104–3083	2	Housing–Quill
8	33094–00	8	Washer–Flat
9	33114–020	8	Screw–HH
10	104–3084	2	Support–Ring
11	104–3085	6	Bolt–Hex Flng
12	104–3086	1	Key
13	104–3087	1	Shaft–Left Blade
14	104–3088	1	Screw–Hex
15	104–3089	1	Blade–Right
16	104–3090	1	Blade–Left
17	104–3091	1	Screw–Hex Left
18	104–3092	2	Washer–Belleville
19	104–3093	4	Pin–Grooved Shear
20	104–3094	2	Adapter–Blade
21	104–3095	2	Ring–Locking
22	104–3096	4	Bearing
23	104–3097	3	Key–Square
24	104–3098	1	Shaft–Right Blade

Ref. No.	Part No.	Qty.	Description
25	104–3207	2	Stiffener–Blade
26	93–7824	2	Decal–Danger Int'l

* Not illustrated

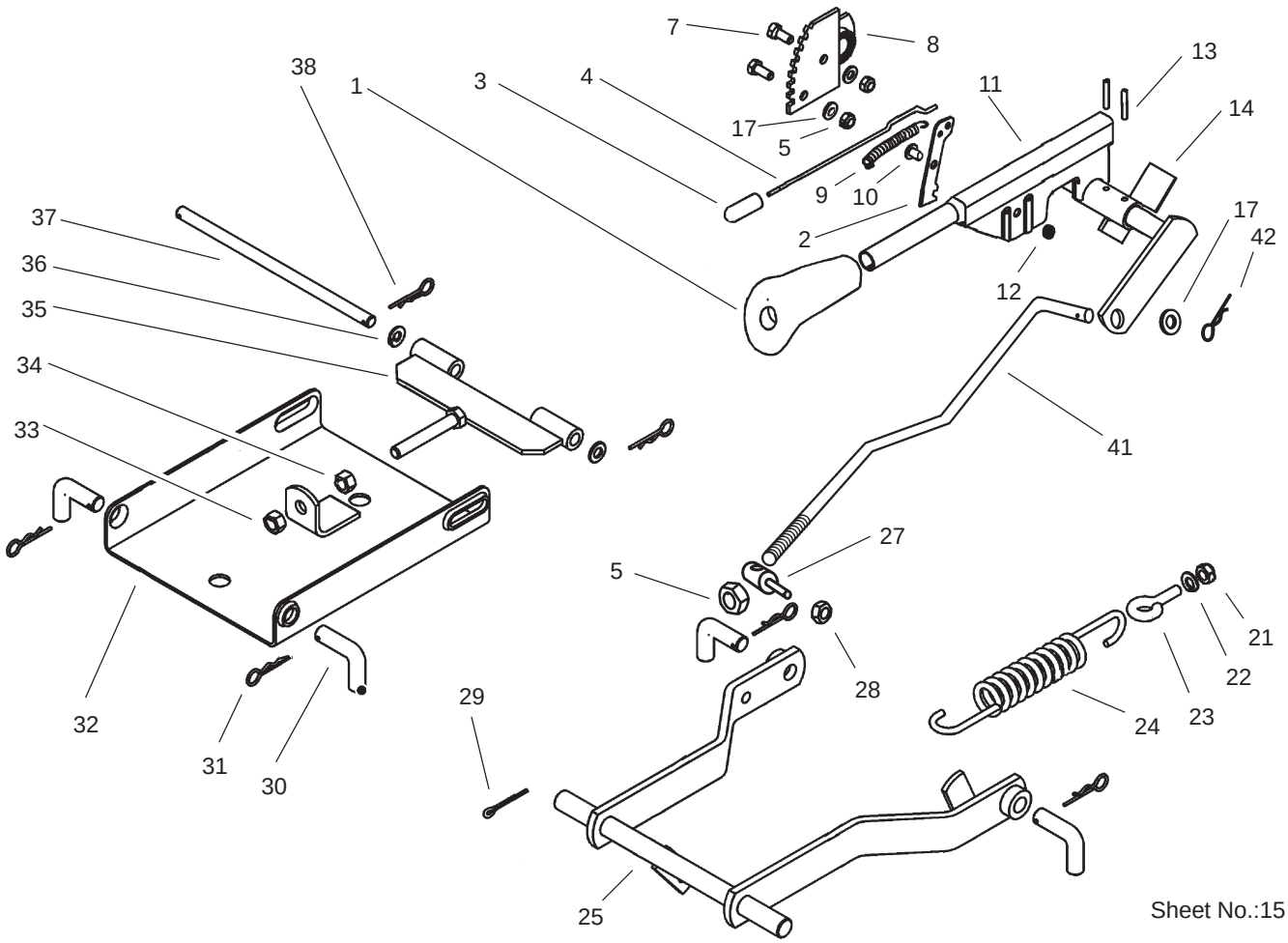


Sheet No.:14

Cutting Pan Assembly

Ref. No.	Part No.	Qty.	Description
40	104–3099	1	Lever–Engagement
41	33024–00	1	Nut–Lock
42	104–3101	1	Spring
43	104–3102	1	Nut–Hex
44	104–2927	1	Washer–Spring
45	104–2946	1	Washer–Flat
46	104–3103	1	Pulley–Idler
47	104–3104	1	Bushing
48	104–3105	1	Retainer–Belt
49	33026–00	6	Nut–Lock
50	104–3106	2	Washer–Flat
51	104–3107	1	Pulley–Drive
52	33114–025	1	Screw–HH
53	104–2927	1	Washer–Spring
54	104–3108	1	Spacer–Shoulder
55	104–3109	1	Arm–Idler
56	33114–050	1	Screw–HH
57	33113–016	3	Screw–HH
58	104–3110	3	Washer–Flat
59	104–3111	3	Washer–Rubber
60	104–3112	1	Belt–Cog
61	104–3113	2	Cog Pulley ASM
62	104–3114	2	Pin–Cog Pulley
63	33024–00	1	Nut–Lock
64	33094–00	1	Washer–Flat
65	104–3115	1	Support–Pulley

Ref. No.	Part No.	Qty.	Description
66	104–3116	2	Pulley–Drive Cog
67	33024–00	8	Nut–Lock
68	104–2961	1	Screw
69	33093–00	1	Washer–Flat
70	33023–00	1	Nut–Lock
71	33114–025	1	Screw–HH
72	104–3117	1	Washer–Flat
73	104–3118	1	Blade Drive Plate ASM
74	104–2909	1	Washer–Eccentric Bolt
75	104–3119	1	Screw–Hex
76	104–3120	1	Bracket–Idler
77	33095–00	1	Washer–Flat
78	33025–00	1	Nut–Lock
79	104–3121	2	Pulley–Cog
80	104–3122	2	Bearing
81	104–3123	2	Ring–Locking
82	104–3124	4	Washer–Flat
83	104–3125	1	Cover–Belt
84	104–3127	1	V–Belt

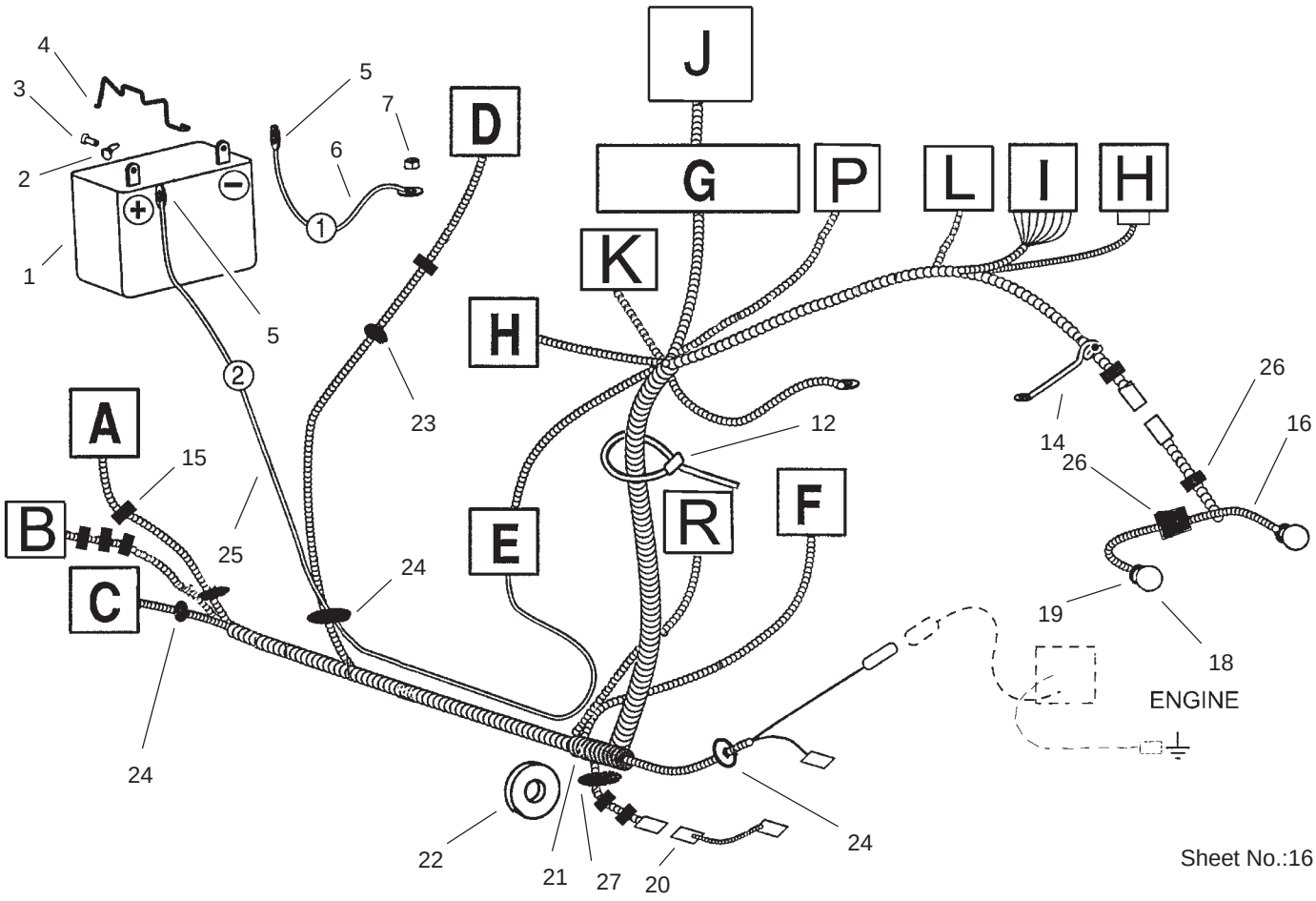


Sheet No.:15

Operation (Mower Lift) Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3129	1	Grip–Handle
2	104–3130	1	Ratchet–Pivot Plate
3	104–3131	1	Button–Plunger
4	104–3132	1	Rod–Connection
5	33024–00	2	Nut–Lock
7	33114–020	2	Screw–HH
8	104–3133	1	Segment–Gear
9	104–3134	1	Spring
10	104–3135	1	Pin–Arm Lever
11	104–3136	1	Lever–Height Adj. Arm
12	104–3137	1	Clip–Pin
13	104–2994	2	Pin–Spring
14	104–3138	1	Shaft–Height Adj.
17	33094–00	3	Washer–Flat
21	33025–00	1	Nut–Lock
22	33095–00	1	Washer–Flat
23	104–3139	1	Bolt–Eye
24	104–3140	1	Spring–Lift
25	104–3141	1	Pivot Arm ASM
27	104–3142	1	Pin–Lifting
28	33025–00	1	Nut–Lock
29	104–3016	1	Pin–Cotter
30	104–3143	4	Pin–Bent
31	104–3144	5	Pin–Hair
32	104–3145	1	Suspension–Front Mower Deck

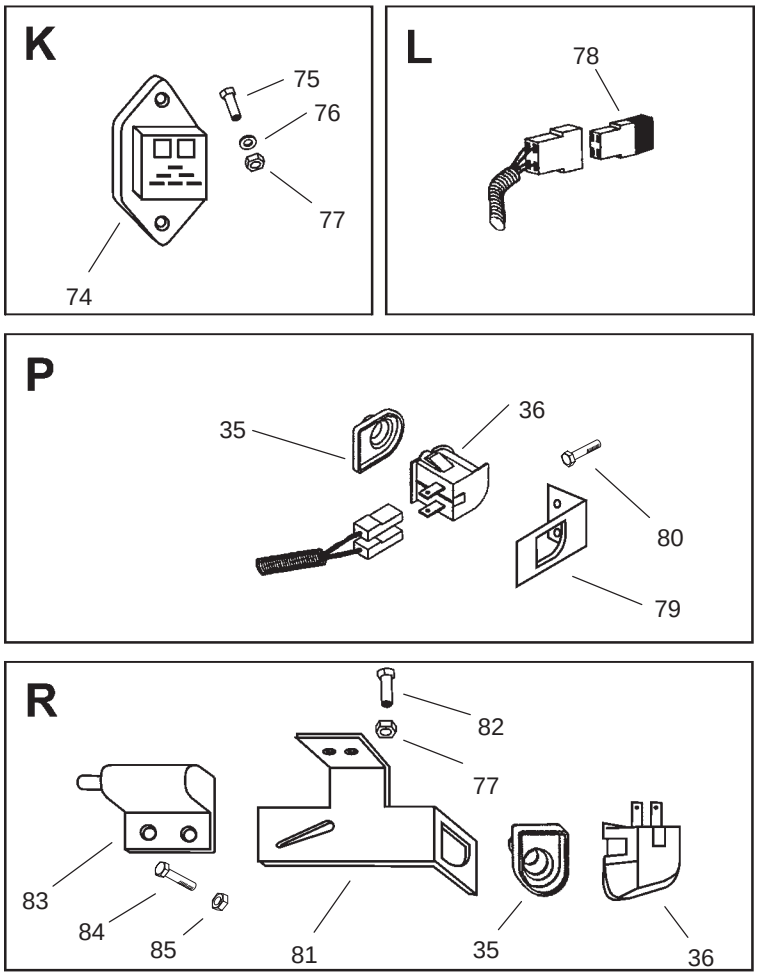
Ref. No.	Part No.	Qty.	Description
33	33026–00	1	Nut–Lock
34	33016–00	1	Nut–Hex
35	104–3146	1	Holder–Front
36	104–3124	2	Washer–Flat
37	104–3147	1	Pin
38	104–3148	2	Clip–Hair Pin
41	104–3149	1	Rod–Height Adj.
42	104–3151	1	Pin–Cotter



Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3152	1	Battery–12v–22ah–Wet
2	32128–32	2	Nut–HHF
3	3235–20	2	Hex Hd Screw
4	104–3153	1	Clamp–Battery
5	104–3154	2	Boot–Rubber
6	104–3155	1	Cable–Battery Neg
7	33024–00	1	Nut–Lock
12	3334–945	3	Tie–Cable
14	104–3156	1	Holder–Wiring Harness
15	104–3157	10	Clip–Snap
16	88–4320	1	Wire Harness–Lights
18	104–3158	2	Bulb–Light Ge 1156
19	104–3159	2	Socket–Light
20	104–3160	1	Harness–Clutch W/Diode
21	104–3161	1	Harness–Main Wiring 3wn195–69
22	104–3163	1	Cap
23	104–3164	1	Bushing
24	104–3165	4	Bushing
25	104–3166	1	Cable–Battery Pos
26	104–3167	2	Clip–Nylon
27	104–3168	1	Bushing

Ref. No.	Part No.	Qty.	Description

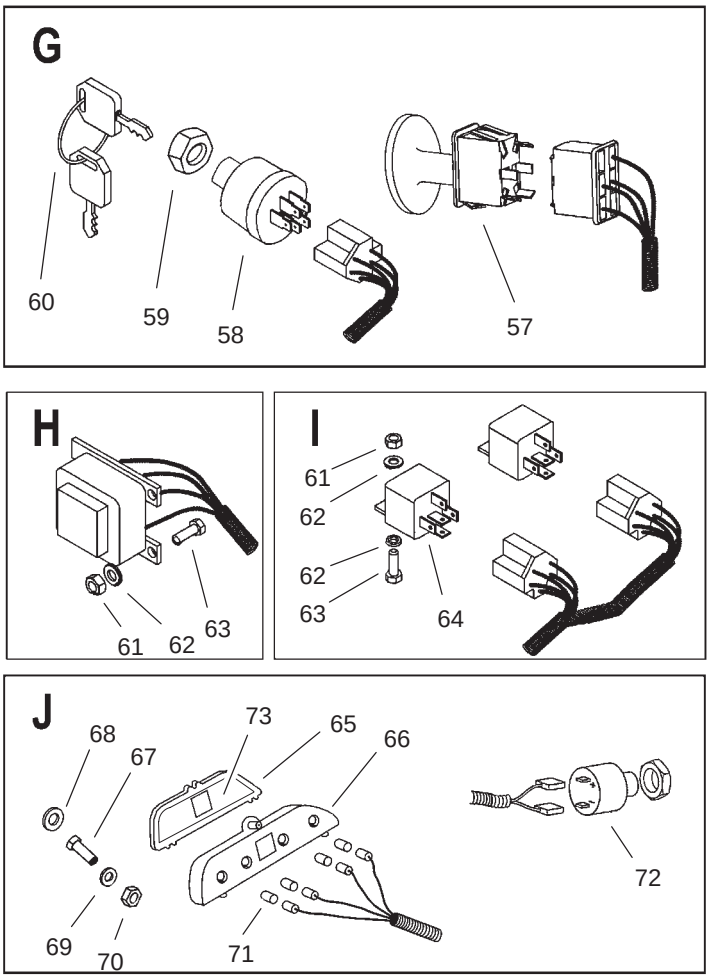


Sheet No.:17

Electrical Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
35	104–3178	2	Cover–Protective
36	104–3179	2	Switch–Delta
74	99–3701	1	Module–Clutch
75	60–6910	2	Screw
76	52–6430	2	Washer
77	87–5140	2	Nut–Lock
78	104–3169	1	Circuit–Memory
79	104–3170	1	Bracket
80	104–3190	2	Screw
81	104–3171	1	Bracket
82	104–2980	2	Screw
83	95–1653	1	Switch – Single Pole
84	104–2983	2	Screw
85	104–2985	2	Nut–Hex

Ref. No.	Part No.	Qty.	Description

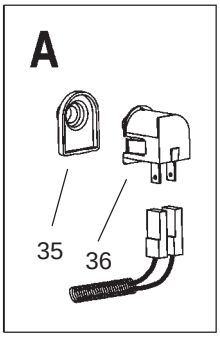


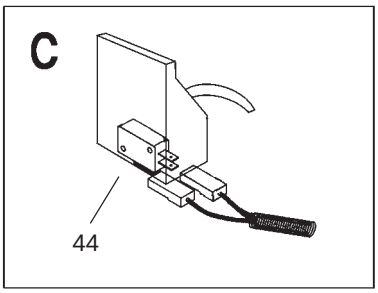
Sheet No.:18

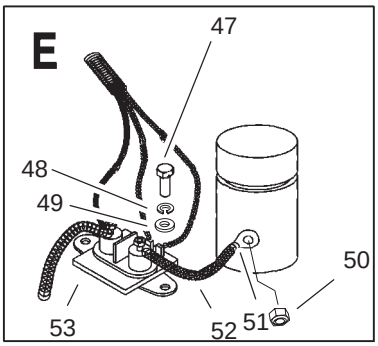
Electrical Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
57	93–9998	1	Switch – PTO Toro
58	92–6785	1	Switch – Ignition
59	104–3172	1	Nut–Hex
60	62–7770	2	Key–Ignition
61	87–5140	3	Nut–Lock
62	104–2943	4	Washer–Flat
63	104–2978	3	Screw–Hex
64	104–3173	1	Relay
65	92–6707	1	Lens – Dash Lights
66	92–6732	1	Hsg – Indicator Light
67	104–3191	3	Screw
68	104–3174	1	Screw–Cap
69	104–3175	3	Washer
70	104–2985	3	Nut–Hex
71	104–3176	4	Bulb
72	104–3177	1	Buzzer
73	104–3194	1	Decal – Dash 17 HP

Ref. No.	Part No.	Qty.	Description







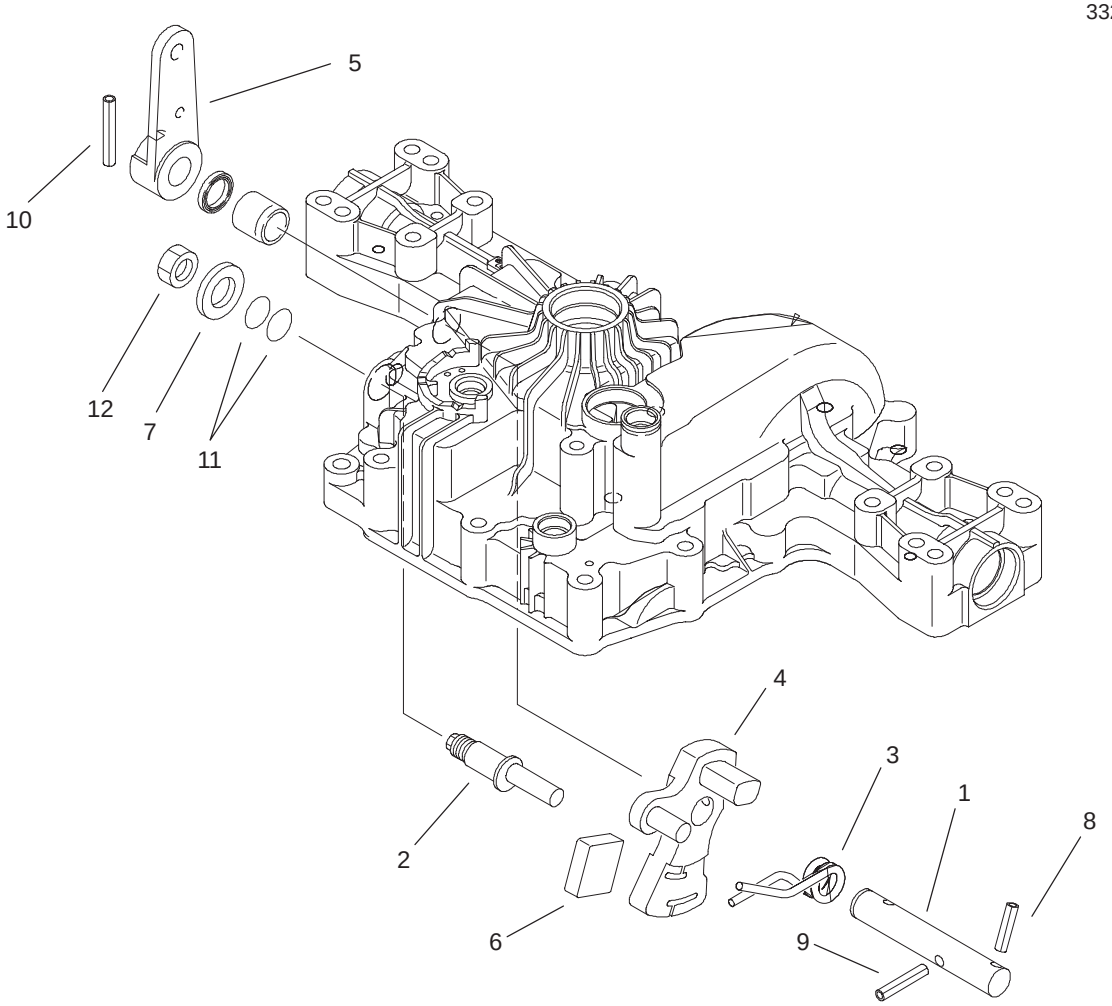
Sheet No.:19

Electrical Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
35	104–3178	3	Cover–Protective
36	104–3179	4	Switch–Delta
44	104–3185	1	Switch–Omron
*45	46–5780	1	Switch–Starter
47	33113–012	2	Screw–HH
48	104–3186	2	Washer–Spring
49	33093–00	2	Washer–Flat
50	32128–32	1	Nut–HHF
51	104–3187	1	Boot–Rubber
52	104–3188	1	Lead–Elect Starter
53	47–1910	1	Solenoid

Ref. No.	Part No.	Qty.	Description

* Not illustrated

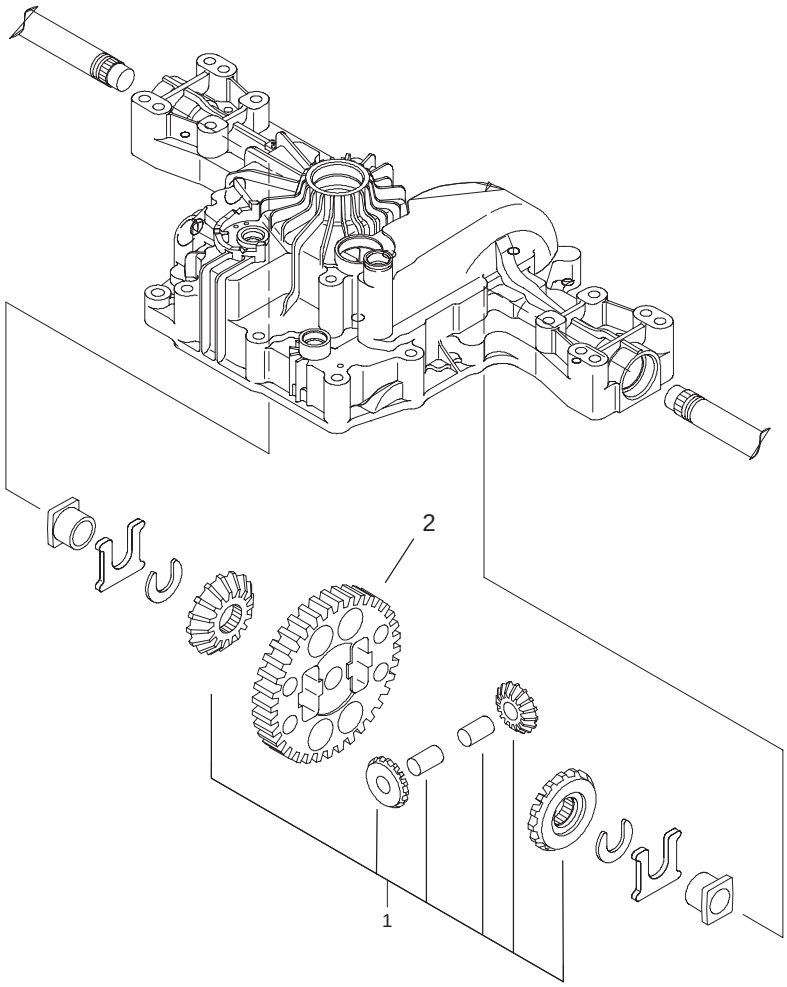


Sheet No.:1

Control Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3291	1	Shaft–Control
2	104–3292	1	Fulcrum–Eccentricity
3	104–3293	1	Spring–Torsion
4	104–3294	1	Arm–Control
5	104–3295	1	Lever–Control
6	104–3296	1	Plate–Jerky
7	93–0417	1	Washer
8	92–0769	1	Pin–Roll
9	104–3297	1	Pin
10	93–0411	1	Pin–Roll
11	104–3298	2	Packing–
12	93–0420	1	Nut

Ref. No.	Part No.	Qty.	Description

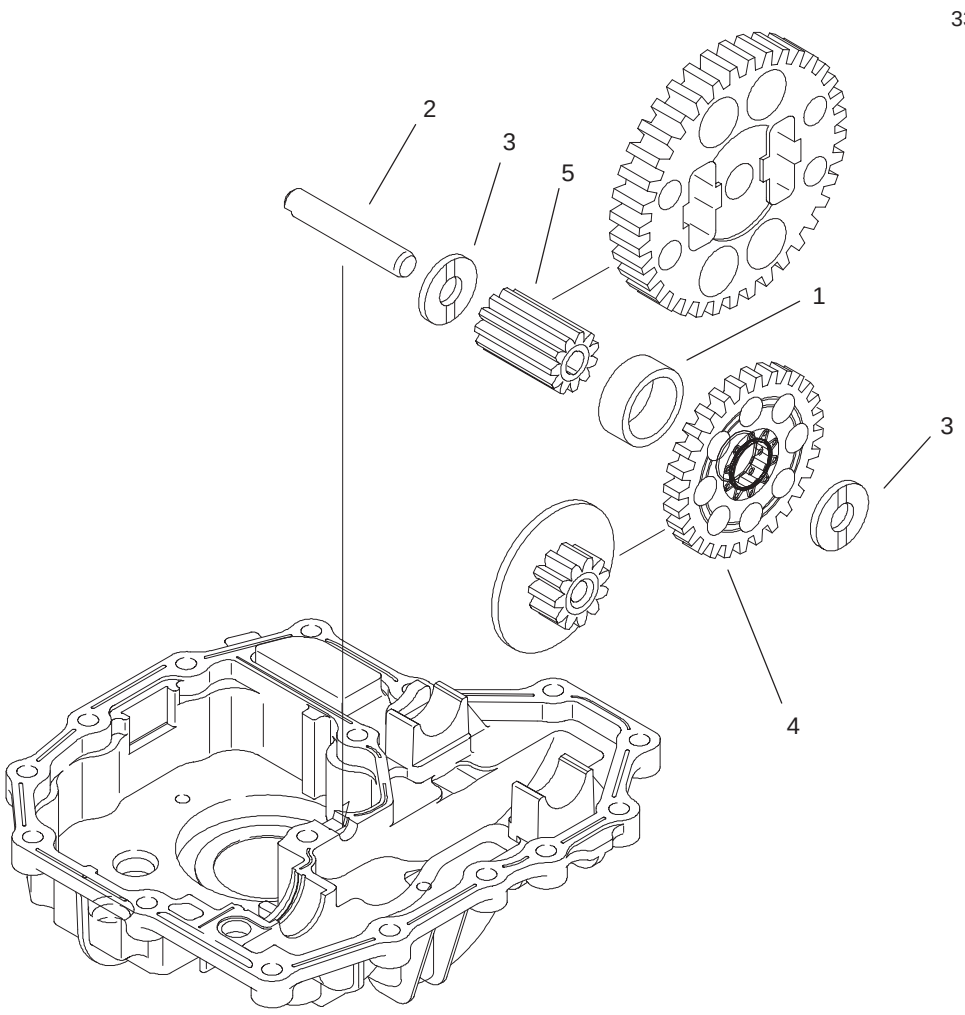


Sheet No.:2

Differential Gear Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3299	1	Differential Gear Kit
2	104–3301	1	Gear–Final

Ref. No.	Part No.	Qty.	Description

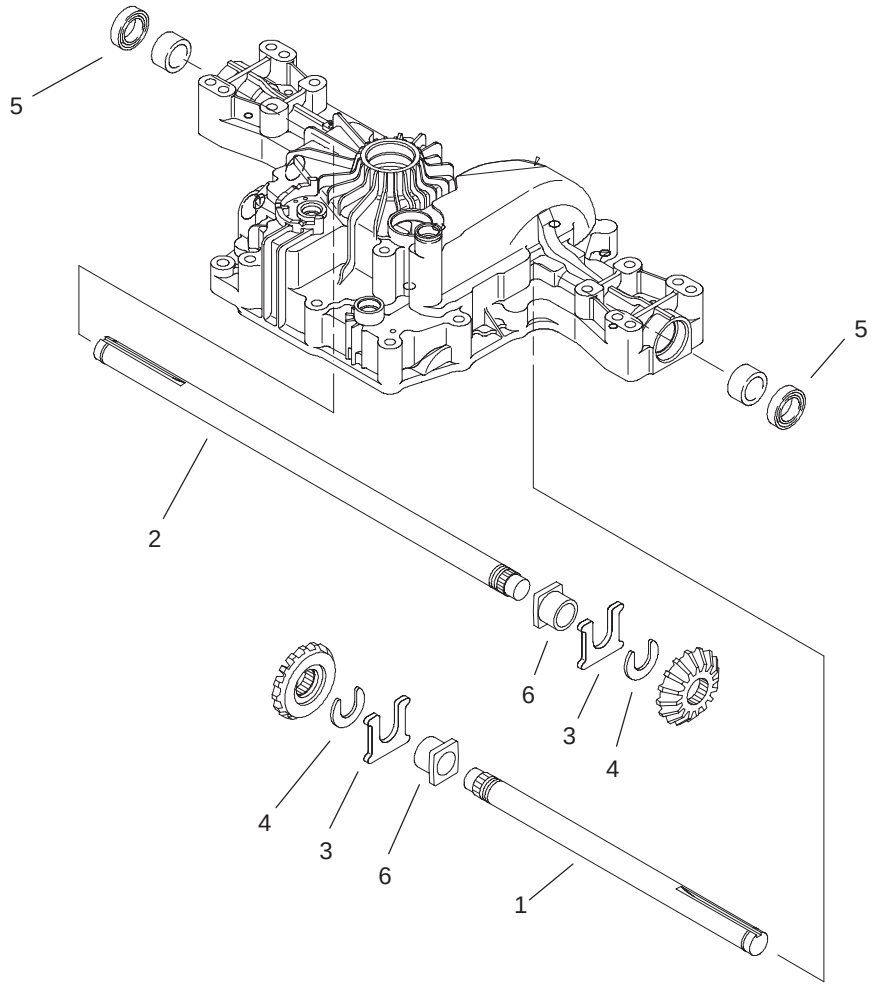


Sheet No.:3

Final Pinion Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3302	1	Collar–Final Pinion
2	104–3303	1	Shaft–Reduction
3	104–3304	2	Washer
4	104–3305	1	Gear–Reduction
5	104–3306	1	Pinion–Final

Ref. No.	Part No.	Qty.	Description

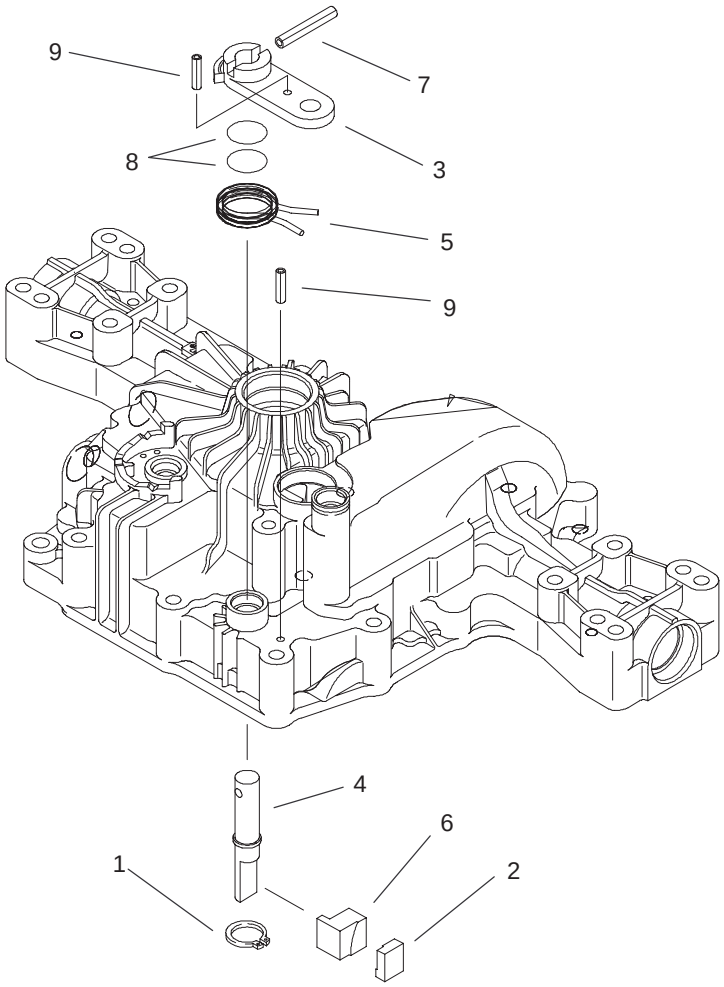


Sheet No.:4

Axle Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3307	1	Shaft–Axle, LH
2	104–3308	1	Shaft–Axle, RH
3	104–3309	2	Washer–Thrust
4	104–3310	2	Ring
5	104–3311	2	Seal
6	104–3312	2	Bushing

Ref. No.	Part No.	Qty.	Description

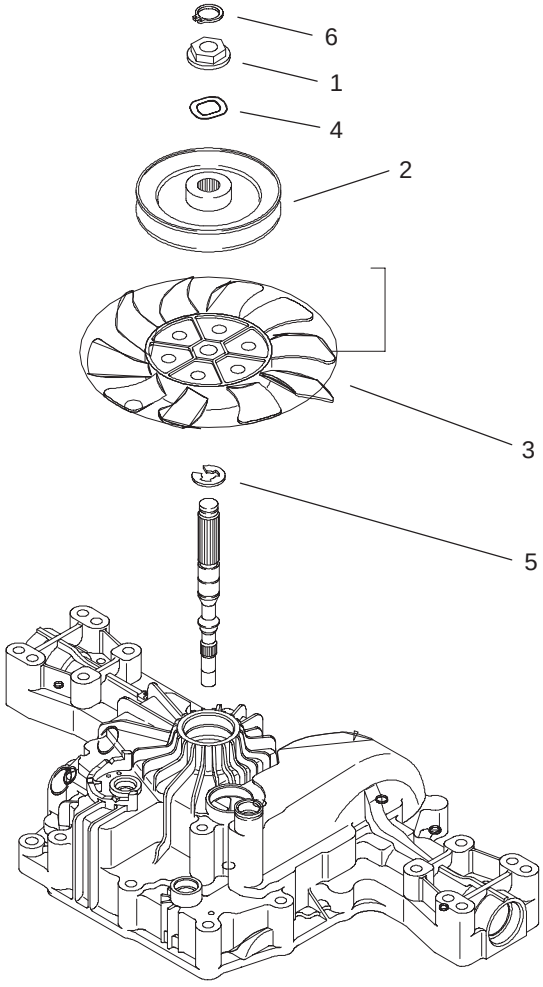


Sheet No.:5

Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3313	1	Ring
2	104–3314	1	Shoe–Brake
3	104–3315	1	Arm–Brake
4	104–3316	1	Shaft–Brake
5	104–3317	1	Spring–Return, Brake
6	104–3318	1	Actuator–Brake
7	92–0767	1	Pin
8	92–0786	2	O–Ring
9	104–3319	2	Pin

Ref. No.	Part No.	Qty.	Description

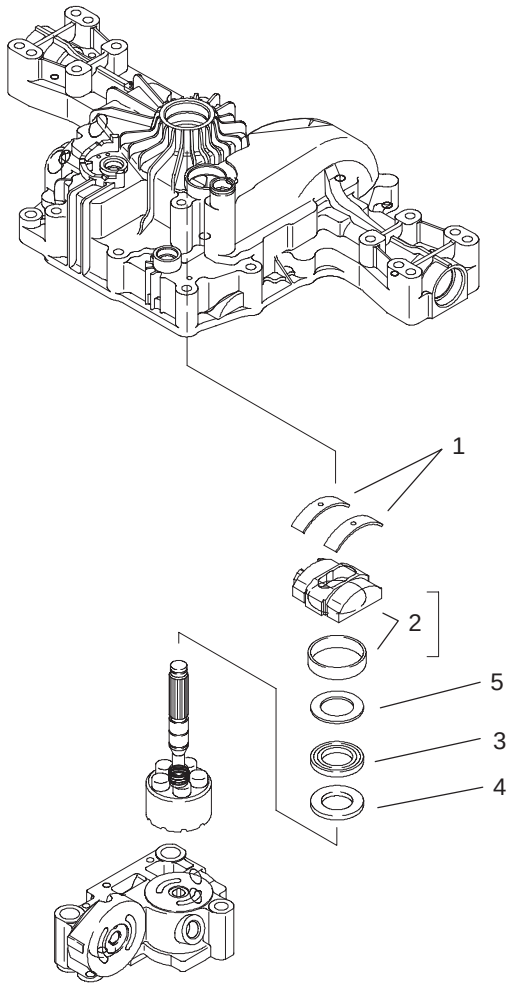


Sheet No.:6

Fan Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3320	1	Collar–Spline
2	104–3197	1	Pulley–Transmission
3	104–3199	1	Fan– Transmission
4	104–3321	1	Washer–Lock
5	93–0387	1	E–Ring
6	104–3198	1	E–Ring

Ref. No.	Part No.	Qty.	Description

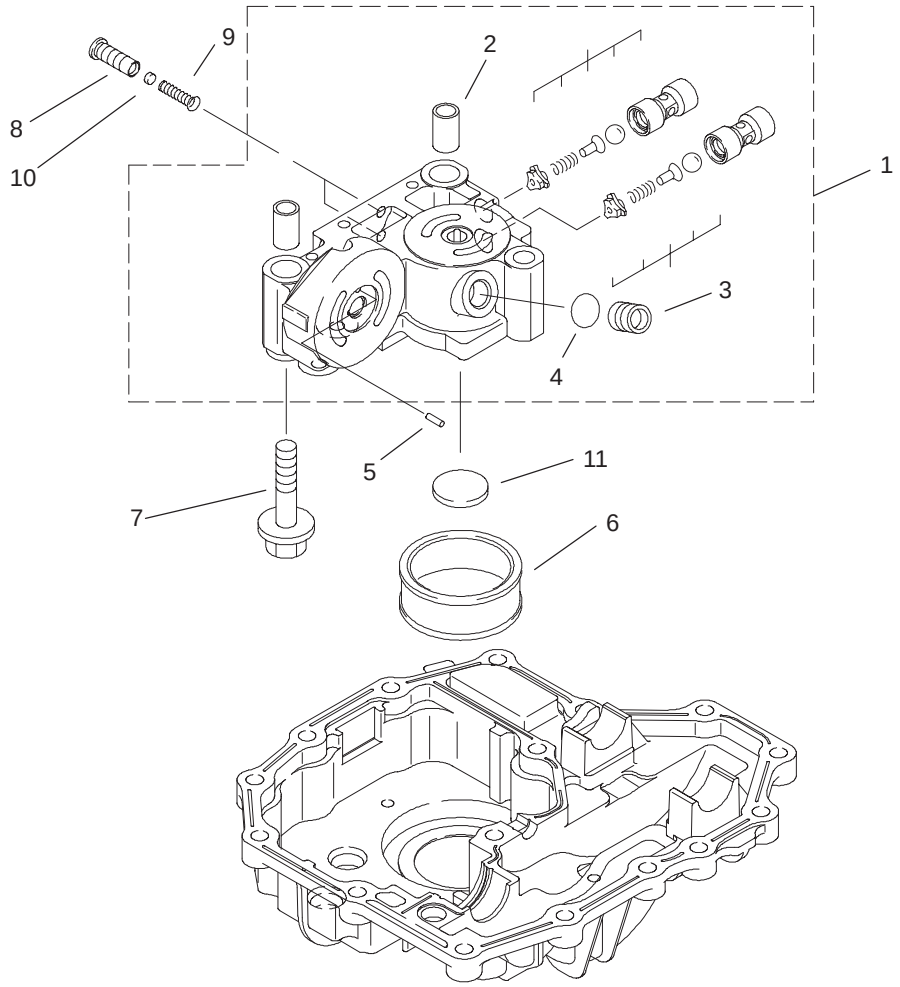


Sheet No.:7

Range Shift Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3286	2	Metal–Thrust
2	104–3287	1	Plate–Swash
3	104–3288	1	Bearing
4	104–3289	1	Plate–Thrust, A
5	104–3290	1	Plate–Thrust, B

Ref. No.	Part No.	Qty.	Description

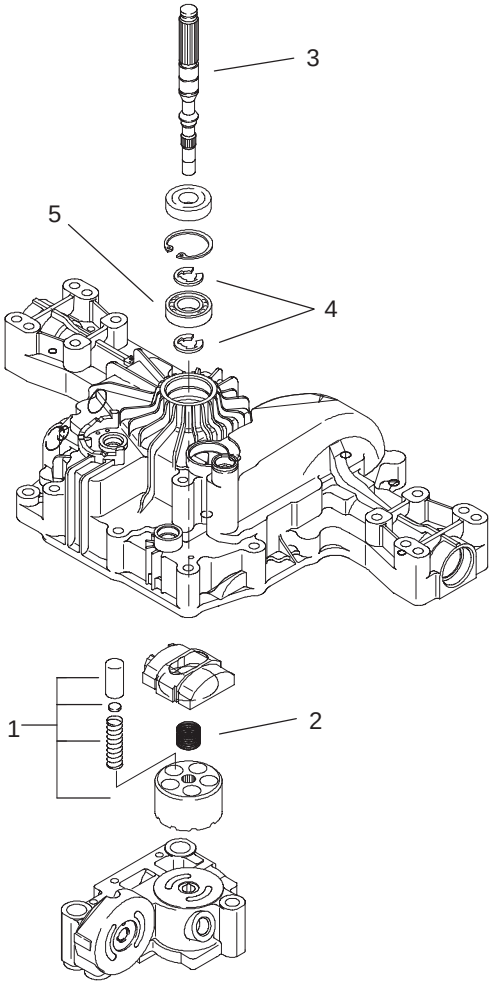


Sheet No.:8

Center Case Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3267	1	Case–Center
2	104–3268	2	Pin–Knock
3	104–3269	1	Plug
4	93–0419	1	Packing
5	104–3270	1	Pin
6	104–3271	1	Filter
7	104–3272	3	Bolt
8	104–3273	2	Valve–Ids
9	104–3274	2	Spring–Ids
10	104–3275	2	Filter
11	104–3257	1	Magnet

Ref. No.	Part No.	Qty.	Description

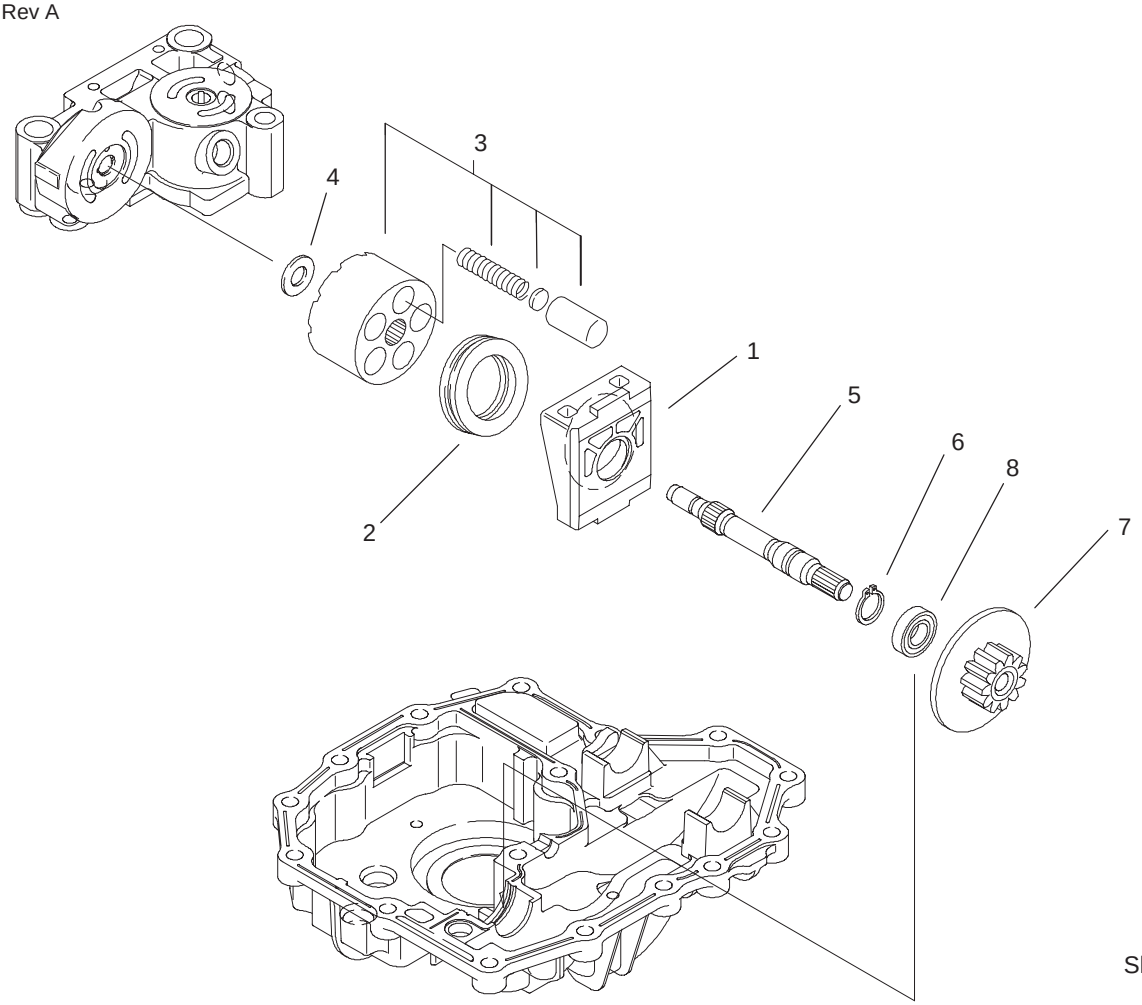


Sheet No.:9

Pump Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3276	1	Block–Cylinder
2	104–3277	1	Spring–Pump
3	104–3278	1	Shaft–Pump
4	93–0387	2	E–Ring
5	93–0374	1	Bearing–Ball

Ref. No.	Part No.	Qty.	Description

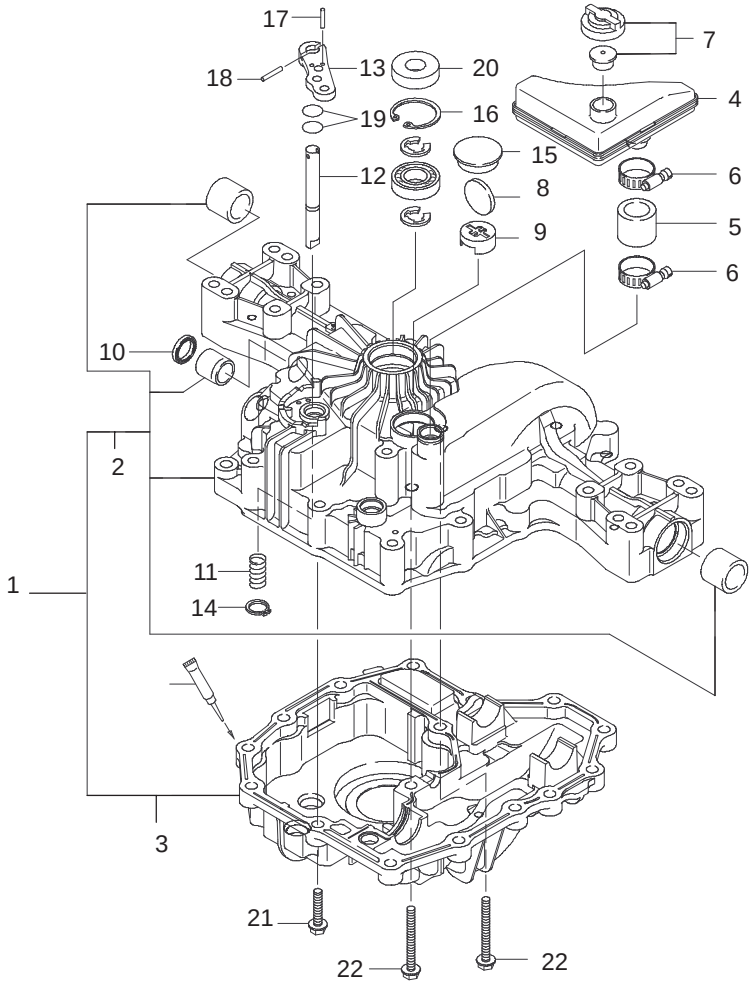


Sheet No.:10

Motor Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3279	1	Housing
2	104–3280	1	Bearing
3	104–3281	1	Block–Cylinder, Cmp
4	104–3282	1	Washer
5	104–3283	1	Shaft–Motor
6	93–0373	1	Ring–Snap
7	104–3284	1	Motor–Gear, Us
8	104–3285	1	Bearing

Ref. No.	Part No.	Qty.	Description

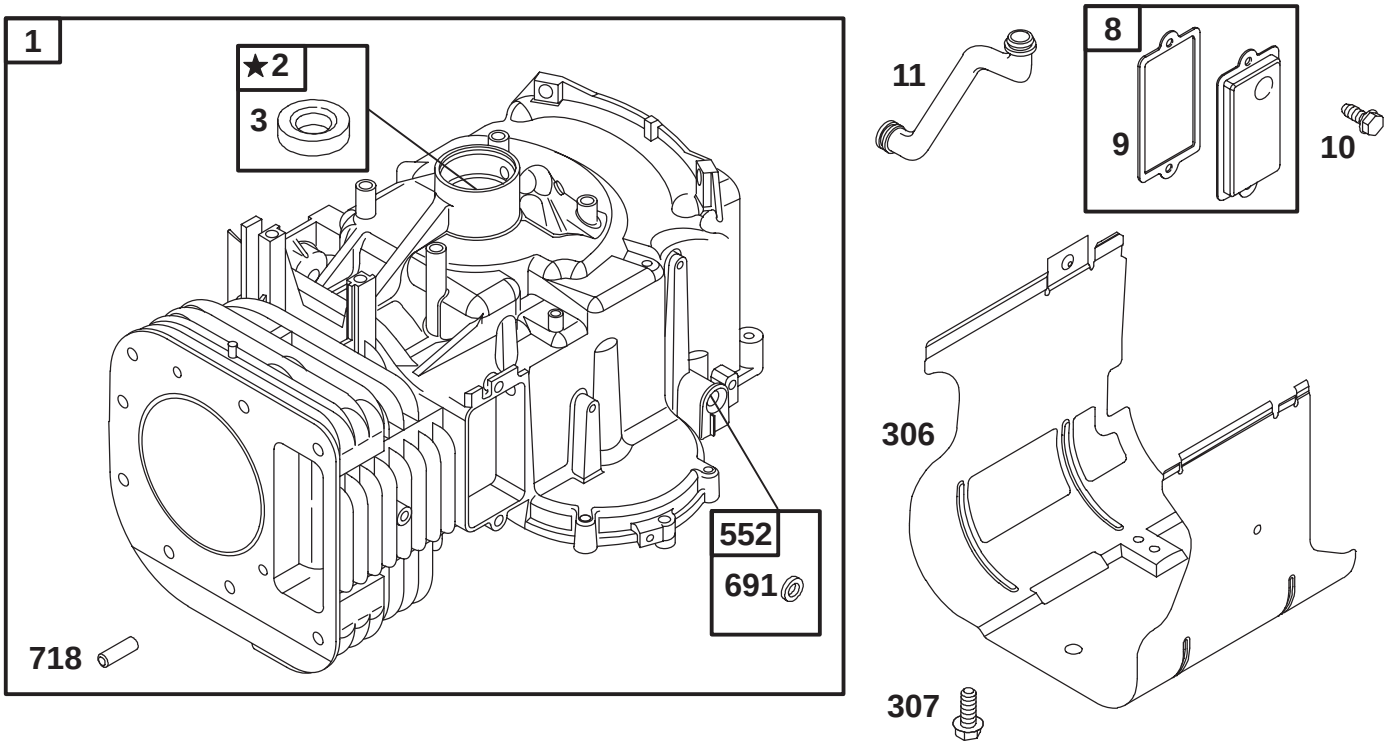


Sheet No.:11

Transaxle Case Assembly

Ref. No.	Part No.	Qty.	Description
1	104–3251	1	Transaxle Case Set
2	104–3252	1	Housing–Upper
3	104–3253	1	Housing–Lower
4	104–2914	1	Tank – Reservoir, With Cap
5	104–3254	1	Tube
6	104–3255	2	Clamp–Miniature
7	104–3256	1	Valve–Vent, 15
8	104–3257	1	Magnet
9	104–3258	1	Holder–Magnet
10	104–3259	1	Seal–Oil
11	93–0396	1	Spring
12	104–3260	1	Shaft–Bypass
13	104–3261	1	Lever–Bypass
14	104–3262	1	Ring
15	104–3263	1	Plug–Bore
16	93–0360	1	Ring
17	104–3264	1	Pin
18	104–3265	1	Pin
19	93–0419	2	Packing
20	93–0361	1	Seal
21	93–0363	14	Screw – Tapping
22	104–3266	2	Screw–Tapping

Ref. No.	Part No.	Qty.	Description



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

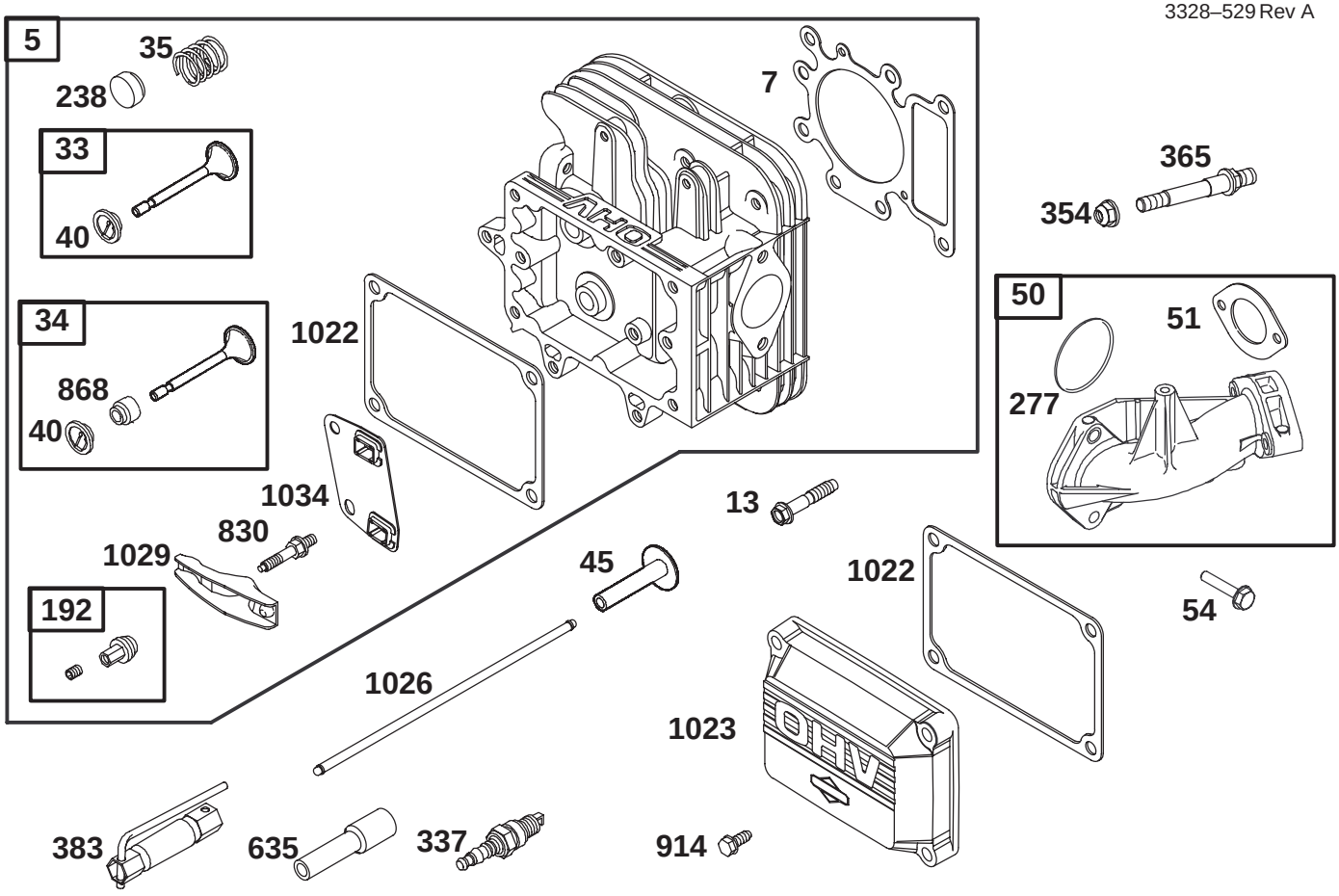
Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
1	690156	1	Cylinder Assembly
2	399265	1	Bushing/Seal Kit
★3	391086	1	Oil Seal
8	495735	1	Breather Assembly
★9	27803	1	Breather Gasket
10	691666	1	Screw (Breather Assembly)
11	691328	1	Breather Tube
306	690499	1	Cylinder Shield
307	94930	1	Screw (Cylinder Shield)
552	491986	1	Governor Crank Bushing
★691	491323	1	Governor Shaft Seal
718	690959	1	Locating Pin

Ref. No.	Part No.	Qty.	Description

★ Included in Gasket Set–Ref. 358.



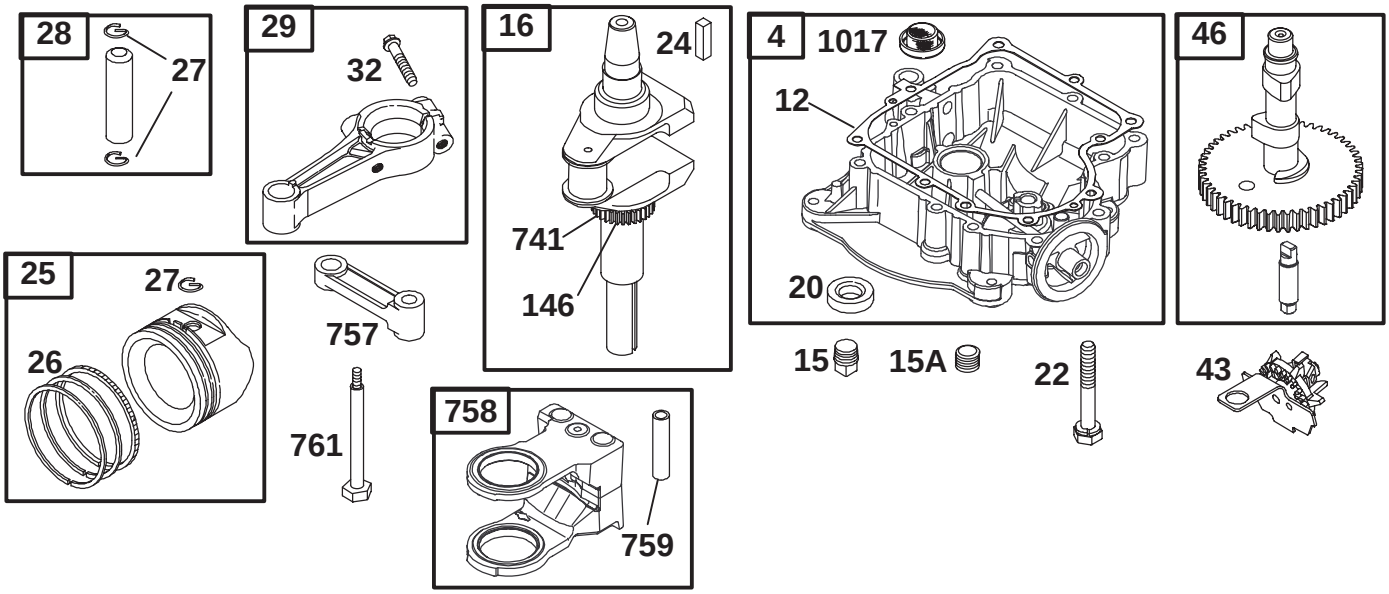
Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
5	690188	1	Cylinder Head
●★7	692410	1	Cylinder Head Gasket
13	690360	1	Screw (Cylinder Head)
33	495856	1	Exhaust Valve
34	495857	1	Intake Valve
35	691279	1	Valve Spring
40	224641	1	Valve Retainer
45	690564	1	Valve Tappet
50	690193	1	Intake Manifold
Δ★●◆51	273650	1	Intake Gasket
54	691148	1	Screw (Intake Manifold)
192	492160	1	Rocker Arm Adjuster
238	691843	1	Valve Cap
Δ★277	692138	1	O–Ring Seal
337	491055	1	Spark Plug
354	94010	1	Nut (Carburetor)
365	690227	1	Stud (Carburetor)
383	89838	1	Spark Plug Wrench
635	280872	1	Spark Plug Boot
830	696095	1	Stud (Rocker Arm)
Δ★868	499236	1	Valve Seal
914	690690	1	Screw (Rocker Cover)
Δ★1022	272475	1	Rocker Cover Gasket
1023	692492	1	Rocker Cover

Ref. No.	Part No.	Qty.	Description
1026	494432	1	Push Rod (Intake
			——— **Note** ———
	495136	1	Push Rod (Exhaust)
1029	691751	1	Rocker Arm
1034	495248	1	Push Rod Guide

Δ Included in Valve Overhaul Kit–Ref. 1033.
● Included in Carburetor Kit–Ref. 121
★ Included in Gasket Set–Ref. 358.
◆ Included in Caburetor Gasket Set–Ref. 977.



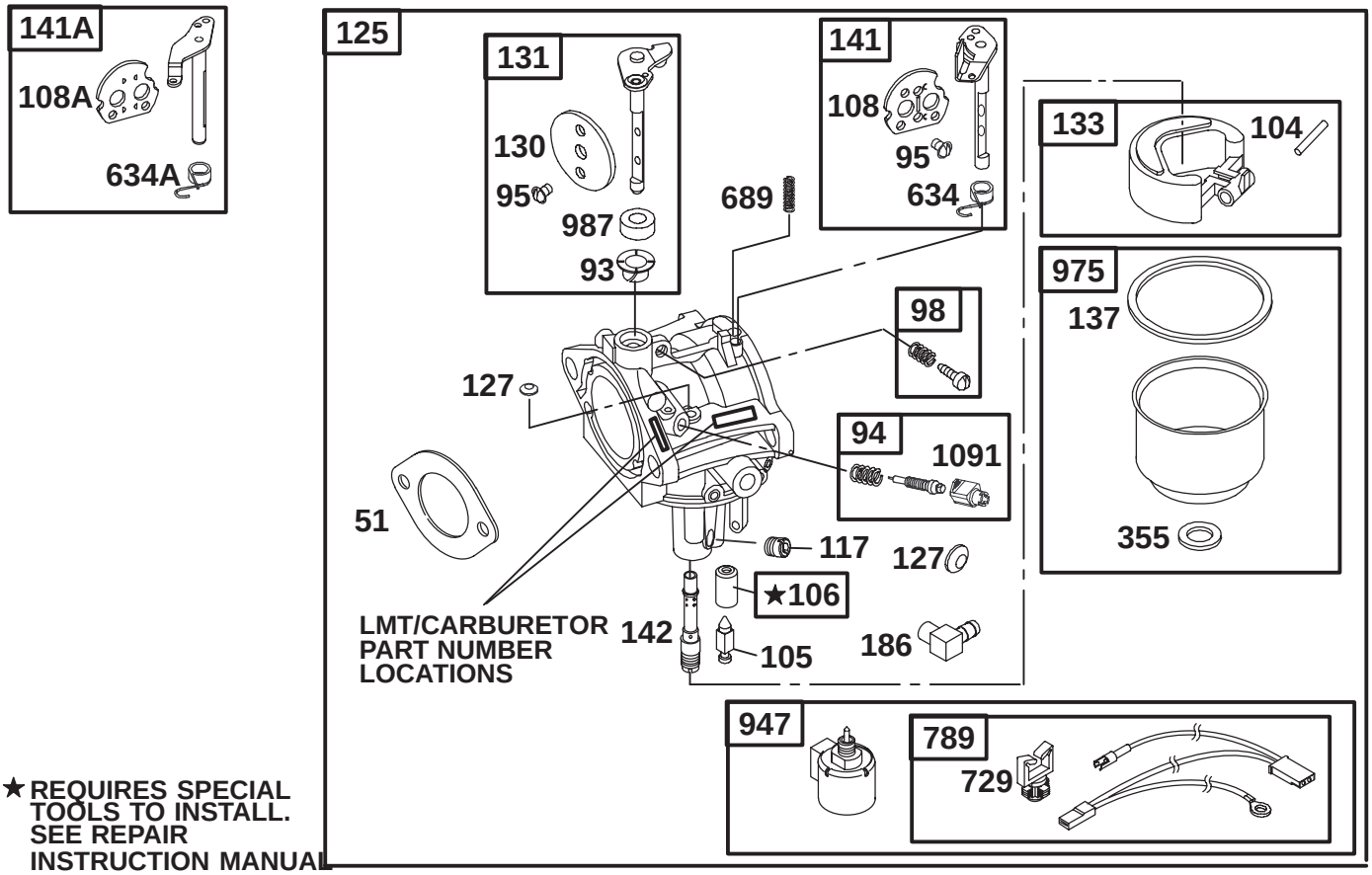
Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
4	693582	1	Engine Sump
★12	271916	1	Crankcase Gasket (.015” Thick)
			———— Note ———
★	271997	1	Crankcase Gasket (.005” Thick)
★	271996	1	Crankcase Gasket (.009” Thick)
15	94239	1	Oil Drain Plug
15A	91488	1	Oil Drain Plug
16	690136	1	Crankshaft
★20	291675	1	Oil Seal
22	692125	1	Screw (Engine Sump)
24	222698	1	Flywheel Key
25	692271	1	Piston Assembly (Standard)
			———— Note ———
	692272	1	Piston Assy. (.010” O.S.)
	692273	1	Piston Assy. (.020” O.S.)
	692274	1	Piston Assy. (.030” O.S.)

Ref. No.	Part No.	Qty.	Description
26	690162	1	Ring Set (Std)
			———— **Note** ———
	690164	1	Ring Set (.010” O.S.)
	690166	1	Ring Set (.020” O.S.)
	690168	1	Ring Set (.030” O.S.)
	690168	1	Ring Set (.030” O.S.)
27	691299	1	Piston Pin Lock
28	498319	1	Piston Pin (Std)
			———— **Note** ———
	498320	1	Piston Pin (.005” O.S.)
29	692419	1	Connecting Rod (Std)
			———— **Note** ———
	499940	1	Connecting Rod (.020” Undersize)
32	692852	1	Screw–Connecting Rod
43	490815	1	Governor/Oil Slinger
46	693930	1	Cam Shaft
146	94196	1	Timing Key
741	691284	1	Timing Gear
757	213998	1	Counterweight Link
758	692423	1	Counterweight
759	230787	1	Counterweight Pin
761	691096	1	Screw–Counterweight Link
1017	690770	1	Oil Pump Screen

★ Included in Gasket Set–Ref. 358.



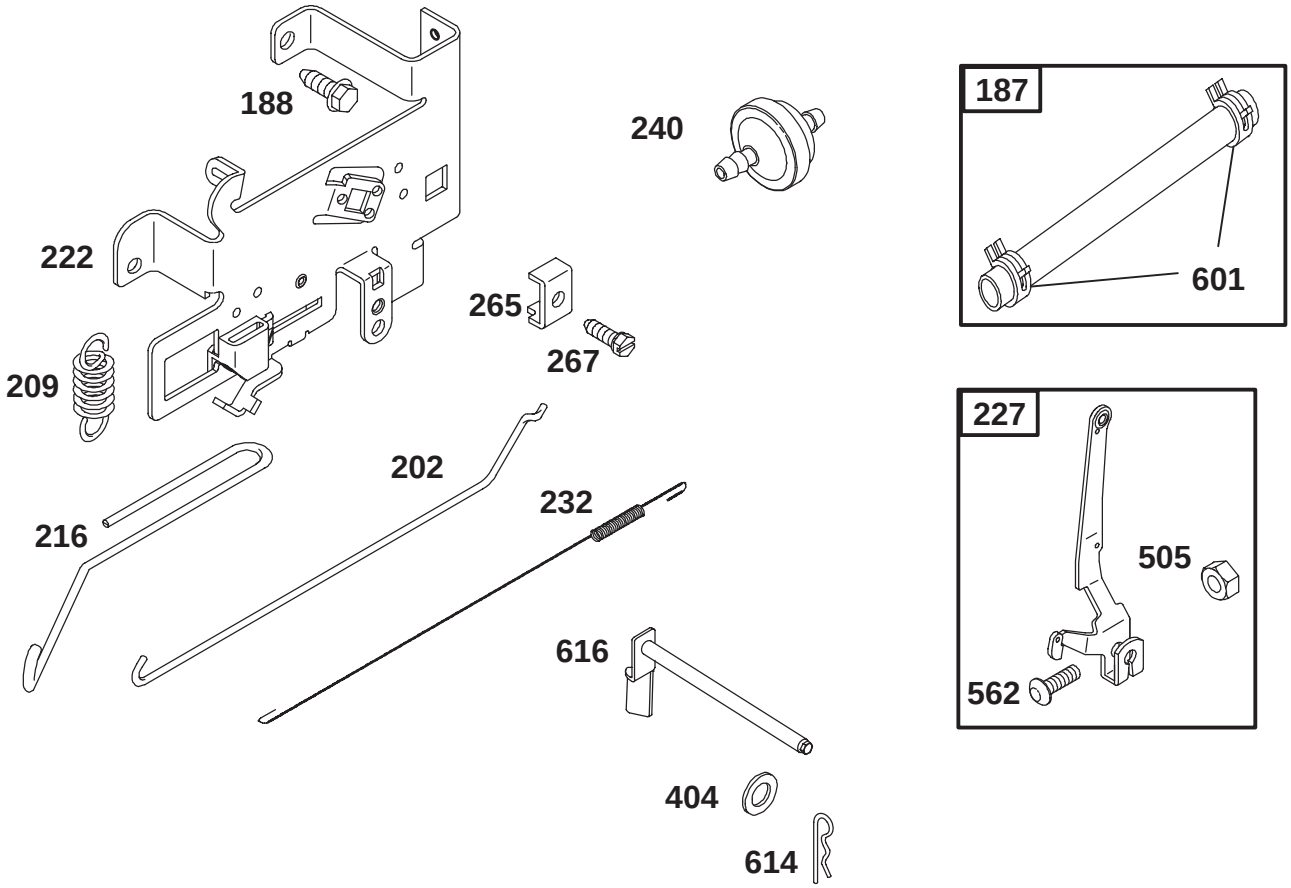
Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
∆★●◆51	273650	1	Carburetor Gasket
●93	281346	1	Throttle Shaft Bushing
94	498030	1	Idle Adjust Valve
●95	94098	1	Screw (Choke/Throttle)
98	495800	1	Screw (Idle Adjust)
●104	231789	1	Float Hinge Pin
●105	231855	1	Inlet Needle Valve
●106	231854	1	Inlet Seat
108	224558	1	Choke Valve (Manual)
108A	224540	1	Choke Valve (Remote)
●117	232118	1	Main Jet (Standard)
			———— Note ———
	495136	1	Main Jet (High Altitude)
125	499153	1	Carburetor
●127		1	Welch Plug (Sold in Kit Only)
130	224539	1	Throttle Valve
131	494379	1	Throttle Shaft
133	494381	1	Carburetor Float
●◆137	281165	1	Float Bowl Gasket
141	495097	1	Choke Shaft (Manual)
141A	495931	1	Choke Shaft (Remote)
●142	232117	1	Carburetor Nozzle
186	493496	1	Fuel Pipe Elbow
●◆355	281164	1	Float Bowl Washer

Ref. No.	Part No.	Qty.	Description
●634	494453	1	Spring Assembly Seal
●634A	494455	1	Spring Assembly Seal
689	262715	1	Friction Spring
729	281390	1	Wire Clip
789	497708	1	Wiring Harness
947	497672	1	Solenoid
975	495933	1	Float Bowl
●987	281166	1	Throttle Shaft Seal
1091	691333	1	Limiter Cap

∆ Included in Valve Overhaul Kit–Ref. 1033.
● Included in Carburetor Kit–Ref. 121
★ Included in Gasket Set–Ref. 358.
◆ Included in Caburetor Gasket Set–Ref. 977.

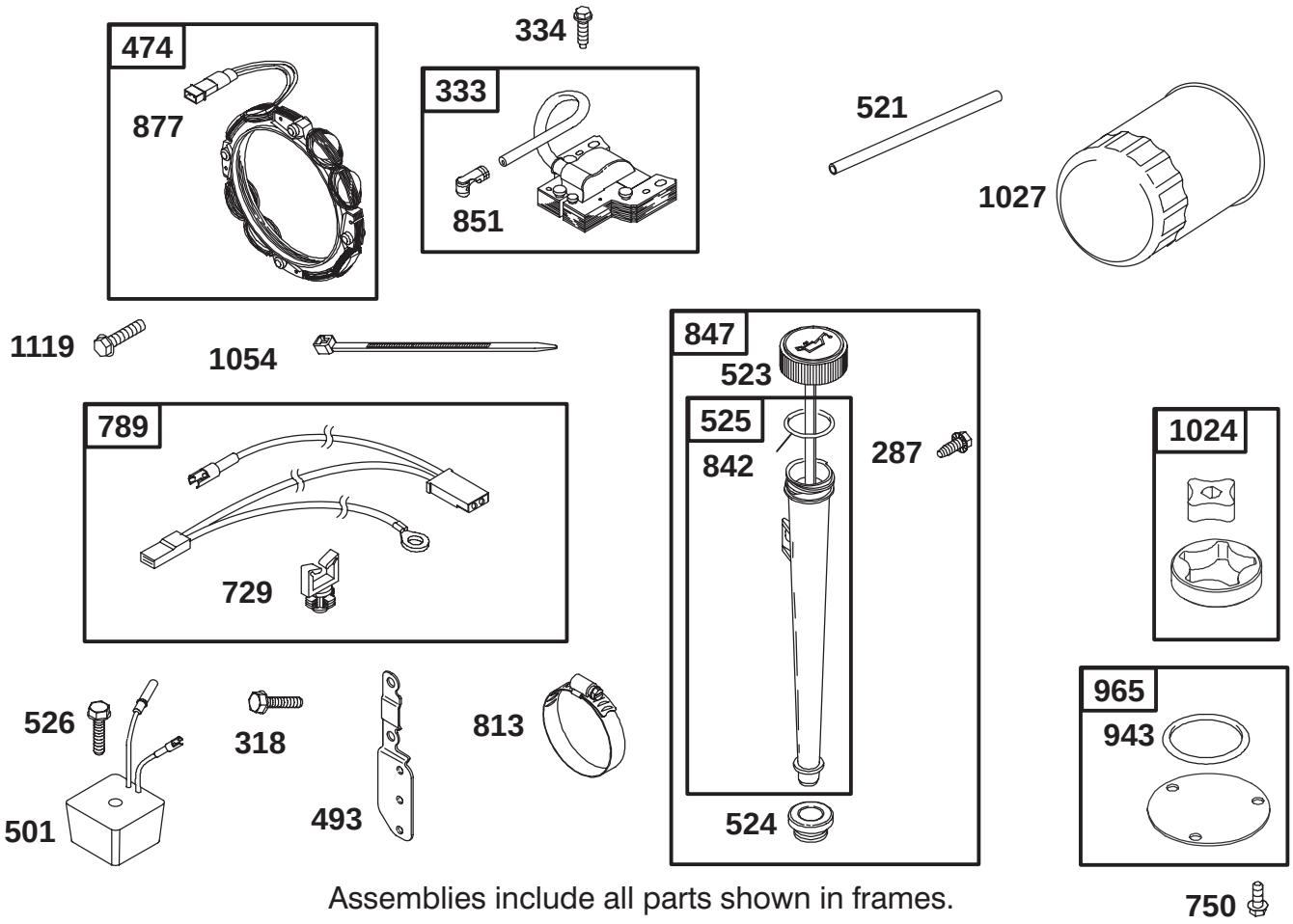


Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
187	492790	1	Fuel Line (Cut to Length)
188	94929	1	Screw (Control Bracket)
202	262767	1	Choke Link
209	692208	1	Governor Spring
216	691840	1	Choke Link
222	694042	1	Control Bracket
227	493935	1	Governor Lever
232	262785	1	Link Spring
240	394358	1	Fuel Filter
265	221535	1	Casing Clamp
267	94906	1	Screw (Casing Clamp)
404	94927	1	Governor Crank Washer
505	231978	1	Nut (Governor Lever)
562	94907	1	Bolt (Governor Lever)
601	95162	1	Hose Clamp
614	93306	1	Cotter Pin
616	495157	1	Governor Crank

Ref. No.	Part No.	Qty.	Description



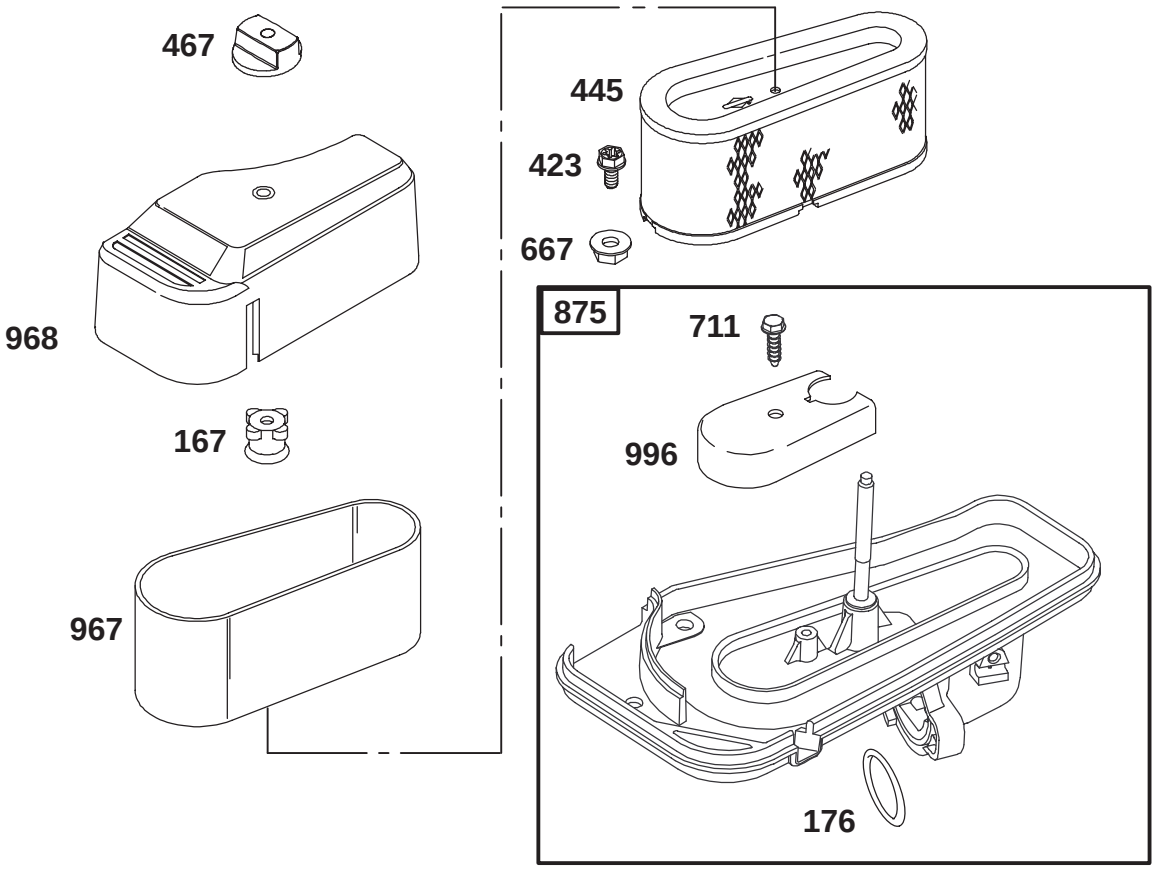
Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
287	94903	1	Screw (Oil Fill Tube)
318	694476	1	Screw (Mounting Bracket)
333	495859	1	Magneto Armature
334	691061	1	Screw (Magneto Armature)
474	691065	1	Alternator
493	694475	1	Mounting Bracket
501	491546	1	Regulator
521	690581	1	Cable Shield
523	692014	1	Dipstick
★524	281370	1	Fill Tube Seal
525	691398	1	Oil Fill Tube
526	690326	1	Screw (Regulator)
729	281390	1	Wire Clip
750	691033	1	Screw (Pump Cover)
789	497708	1	Wiring Harness
813	690635	1	Clamp
★842	270920	1	O–Ring Seal
847	496415	1	Dipstick/Tube Assembly
851	224110	1	Cable Terminal
877	393456	1	Alt. Output Connector
★943	280801	1	O–Ring Seal
965	499613	1	Pump Cover
1024	499054	1	Oil Pump

Ref. No.	Part No.	Qty.	Description
1027	492932	1	Oil Filter
1054	280275	1	Cable Tie
1119	93621	1	Screw (Alternator)

★ Included in Gasket Set–Ref. 358.



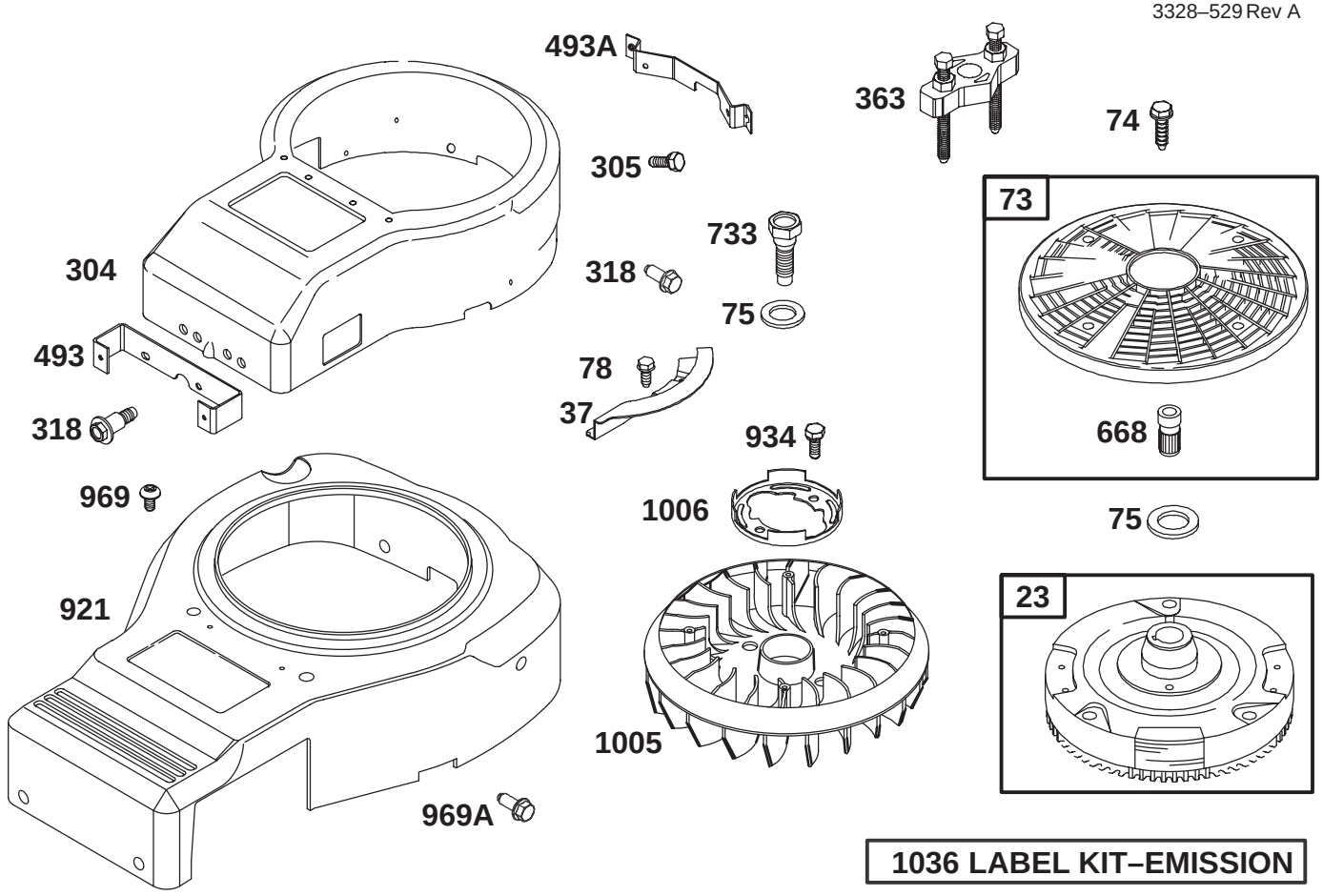
Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
167	281051	1	Air Cleaner Knob
★176	281106	1	Air Cleaner Gasket
423	692129	1	Screw (Air Cleaner Base)
467	493903	1	Air Cleaner Knob
445	496894	1	Filter A/C Cartridge
667	94010	1	Nut (Air Cleaner Base)
711	94704	1	Screw (Carburetor Shield)
875	693686	1	Air Cleaner Base
967	272403	1	Pre–Cleaner Filter
968	692502	1	Air Cleaner Cover
996	690678	1	Carburetor Shield

Ref. No.	Part No.	Qty.	Description

★ Included in Gasket Set–Ref. 358.

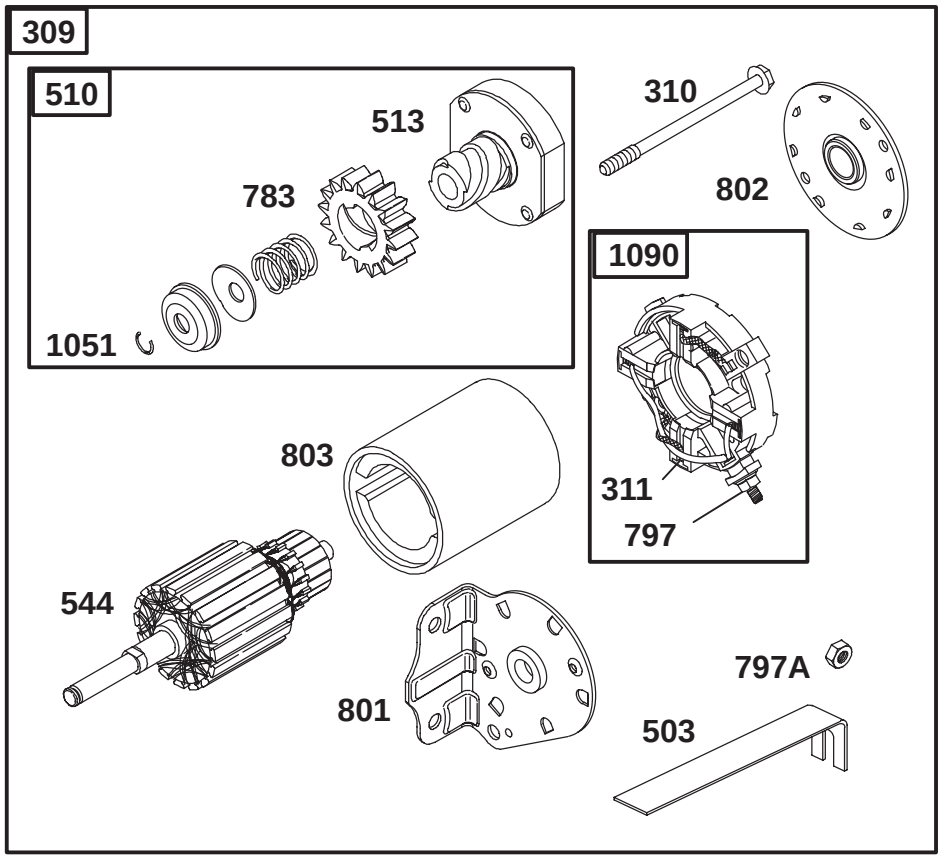


Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
23	693557	1	Flywheel
37	690456	1	Flywheel Guard
73	494439	1	Rotating Screen
74	94821	1	Screw (Rotating Screen)
75	225136	1	Flywheel Washer
78	94896	1	Screw (Flywheel Guard)
304	690497	1	Blower Housing
305	690960	1	Screw (Blower Housing)
318	692127	1	Screw (Mounting Bracket)
363	19203	1	Flywheel Puller
493	690493	1	Mounting Bracket (Front)
493A	690494	1	Mounting Bracket (Rear)
668	805402	1	Spacer
733	94673	1	Screw (Flywheel)
921	692679	1	Blower Housing Cover
934	94627	1	Screw (Fan Retainer)
969	690365	1	Screw (Blower Housing Cover)

Ref. No.	Part No.	Qty.	Description
969A	690960	1	Screw (Blower Housing Cover)
1005	281400	1	Flywheel Fan
1006	690452	1	Fan Retainer
1036	694332	1	Emission Label Kit



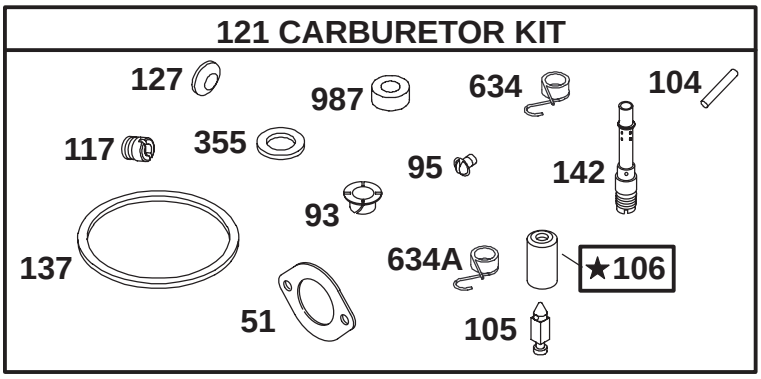




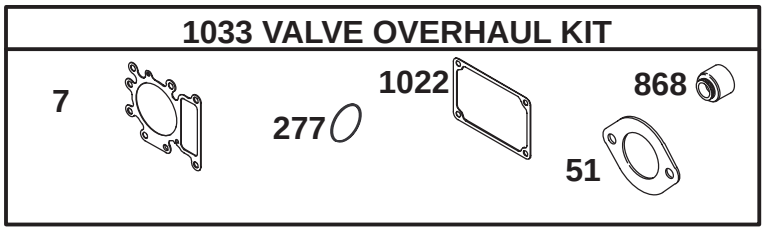
Engine Briggs & Stratton Model 311777–0151–E1

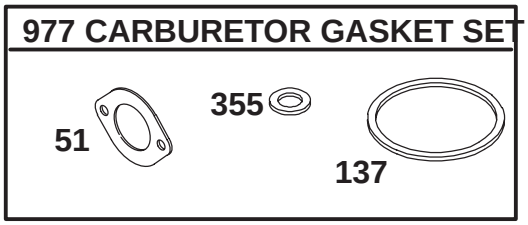
Ref. No.	Part No.	Qty.	Description
309	693551	1	Starter Motor
310	690323	1	Bolt (Starter Motor)
311	497608	1	Brush Set
503	691532	1	Starter Strap
510	693699	1	Starter Drive
513	398003	1	Drive Clutch
544	497603	1	Starter Armature
697	690372	1	Screw (Starter Motor)
729A	691224	1	Wire Clip
783	693713	1	Starter Pinion (Steel)
797	693167	1	Nut (Starter Terminal)
797A	92278	1	Nut (Starter Terminal)
801	691429	1	Drive Cap
802	497607	1	End Cap
803	691427	1	Starter Housing
1051	263080	1	Retainer Ring
1090	691293	1	Brush Retainer

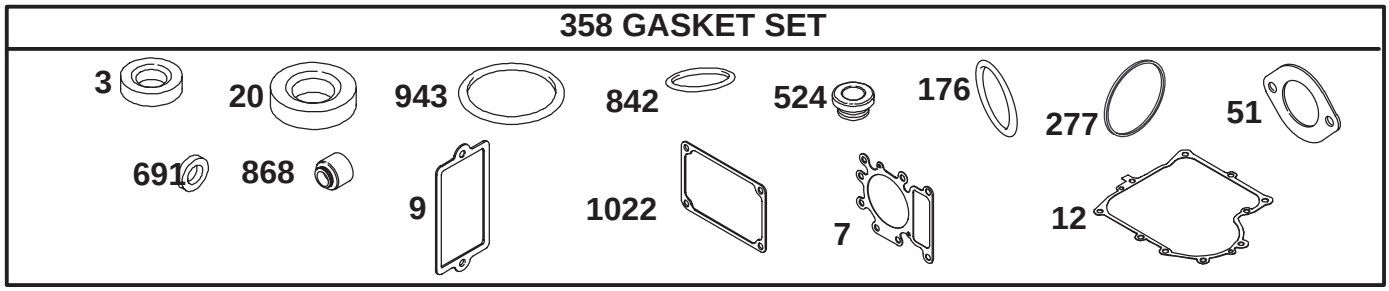
Ref. No.	Part No.	Qty.	Description



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







Assemblies include all parts shown in frames.

Engine Briggs & Stratton Model 311777–0151–E1

Ref. No.	Part No.	Qty.	Description
★3	391086		Oil Seal
Δ★7	692410		Cylinder Head Gasket
★9	27803		Breather Gasket
★12	271916		Crankcase Gasket (.015” Thick)
			———— Note ———
★	271997		Crankcase Gasket (.005” Thick)
★	271996		Crankcase Gasket (.009” Thick)
★20	291675		Oil Seal
Δ★●◆51	273650		Intake Gasket
●93	281346		Throttle Shaft Bushing
●95	94098		Screw (Choke/Throttle)
●104	231789		Float Hinge Pin
●105	231855		Needle Valve
●106	231854		Inlet Seat
●117	232118		Main Jet
121	690191		Carburetor Kit
● 127			Welch Plug Sold In Kit Only
◆●137	281165		Float Bowl Gasket
●142	232117		Carburetor Nozzle
★176	281106		Air Cleaner Gasket
Δ★277	692138		O–Ring Seal

Ref. No.	Part No.	Qty.	Description
◆●355	281164		Washer
358	690189		Gasket Set
★524	281370		Fill Tube Seal
●634	494453		Spring Seal Assembly LMT 155
●634A	494455		Spring Seal Assembly LMT 154
★691	491323		Governor Shaft Seal
★842	270920		O–Ring Seal
Δ★868	499236		Valve Seal
★943	280801		O–Ring Seal
977	690192		Carburetor Gasket Set
●987	281166		Throttle Shaft Seal
Δ★1022	272475		Rocker Cover Gasket
1033	690190		Valve Overhaul Kit

Δ Included in Valve Overhaul Kit–Ref. 1033.
● Included in Carburetor Kit–Ref. 121
★ Included in Gasket Set–Ref. 358.
◆ Included in Caburetor Gasket Set–Ref. 977.


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