

**Technical
Publications
Department**

8111 Lyndale Ave S
Bloomington MN 55420-1196

190-DH Lawn Tractor

Model No. 74590 - 220000001 and up.

REVIEW REQUEST

Complete Review by:

8/5/2008

Submitted for review at Rev A

If changing please leave a comment.

- o If changing, please annotate and attach any reference documentation such as a print, Pro-E/ProductView file, or parts catalog and/or operator manual page (including form number).
- o During the review period, the reviewer must resolve differences between Engineering, Service, Parts, Test and Legal. Technical Publications does not resolve Part issues.

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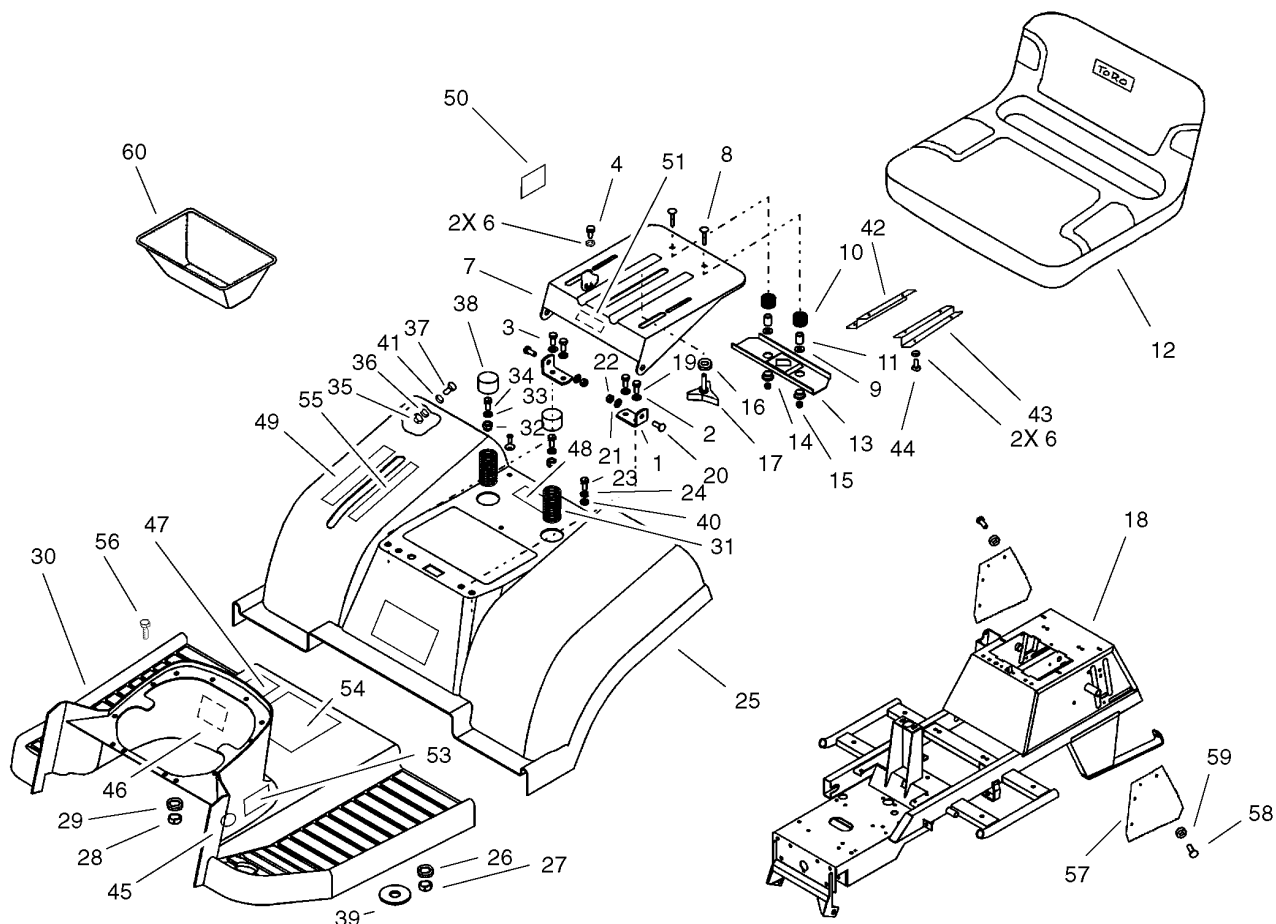
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

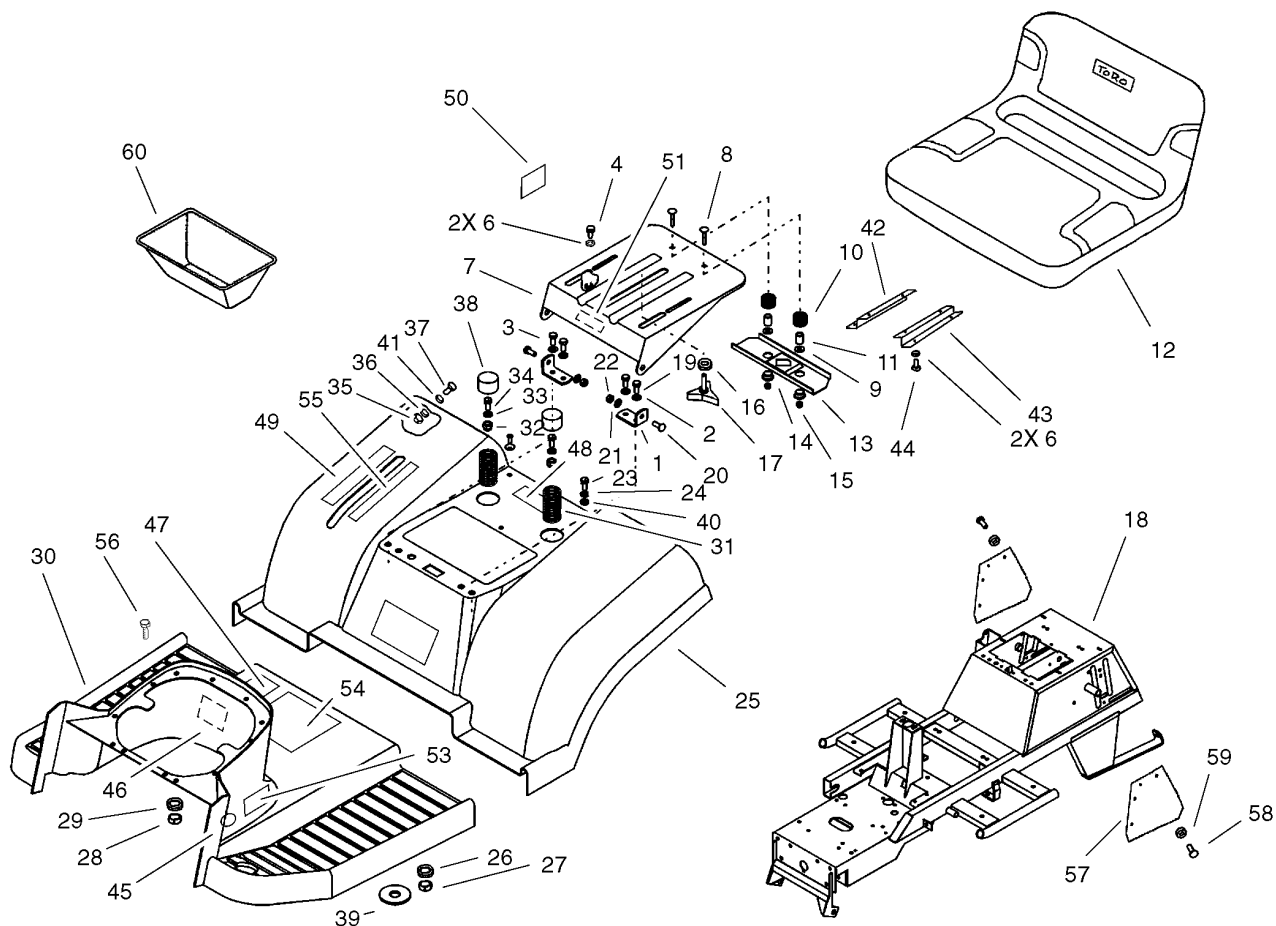
- | | |
|---|---|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Included in Gasket Set-Ref. 358. | ❹ Included in Carburetor Kit-Ref. 121 |
| ❺ Included in Valve Overhaul Kit-Ref. 1033. | ❻ Included in Carburetor Gasket Set-Ref. 977. |



Body Assembly

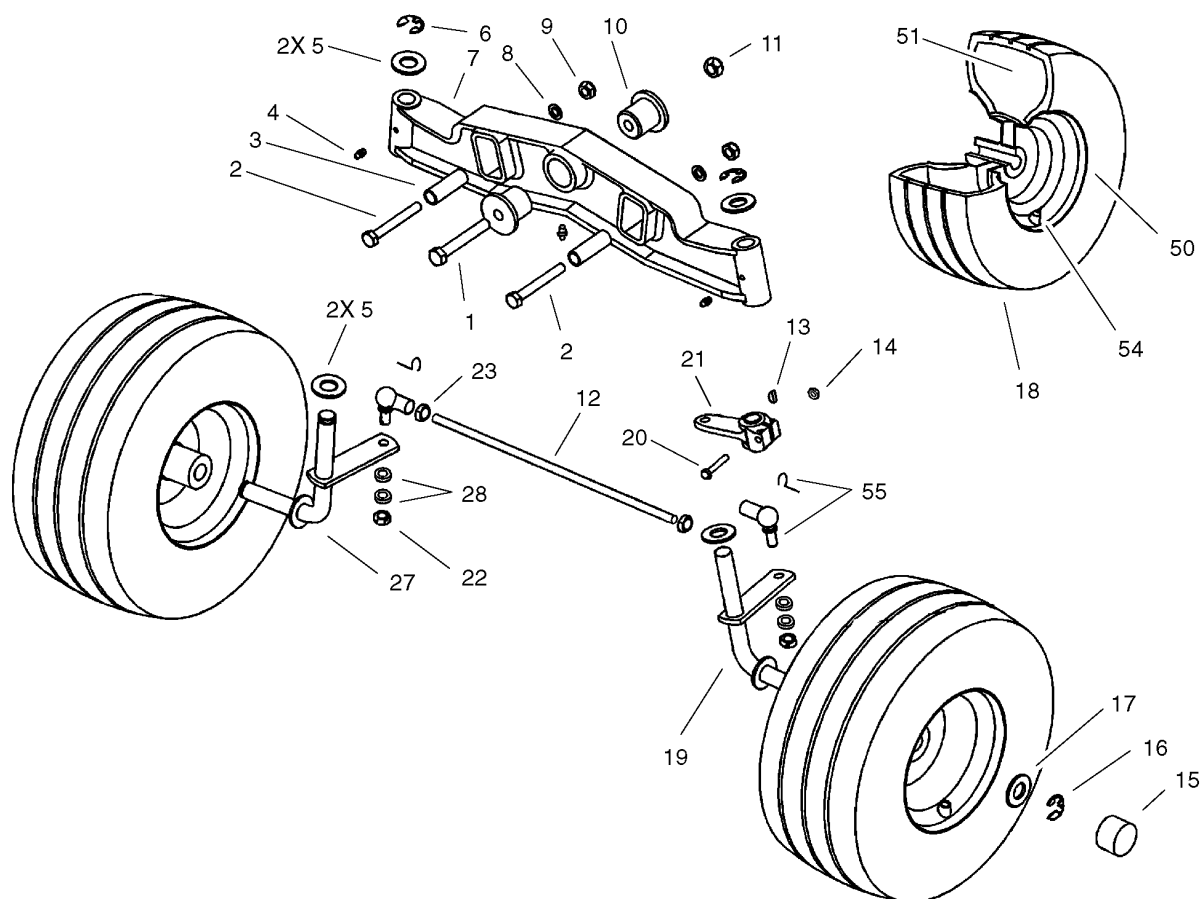
Ref	Part No.	Qty.	Description
1	104-2926	2	Bracket-Support, Seat
2	104-2927	4	Washer-Spring
3	33114-025	3	Screw-HH
4	104-3192	2	Bolt-Hex
6	104-2927	4	Washer-Spring
7	104-2929	1	Support-Seat
8	104-2930	2	Bolt-Carriage
9	104-2931	2	Washer-Flat
10	104-2932	2	Spring-Seat
11	104-2933	2	Spacer-Split
12	92-6511	1	Seat-V-511
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-Support, Seat
21	33094-00	6	Washer-Plain
22	33024-00	6	Nut-Lock
23	104-2940	2	Screw-HSFH
24	104-2941	2	Washer-Finish
25	106-5752	1	Fender

Ref	Part No.	Qty.	Description
26	33095-00	4	Washer-Flat
27	33025-00	4	Nut-Lock
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-Plain
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
45	104-3237	1	Decal-Brake, Parking
46	104-3238	1	Decal-Starting
47	104-3241	1	Decal-Operation, Hydro
48	104-3242	1	Decal-Bag To Frame



Body Assembly (continued)

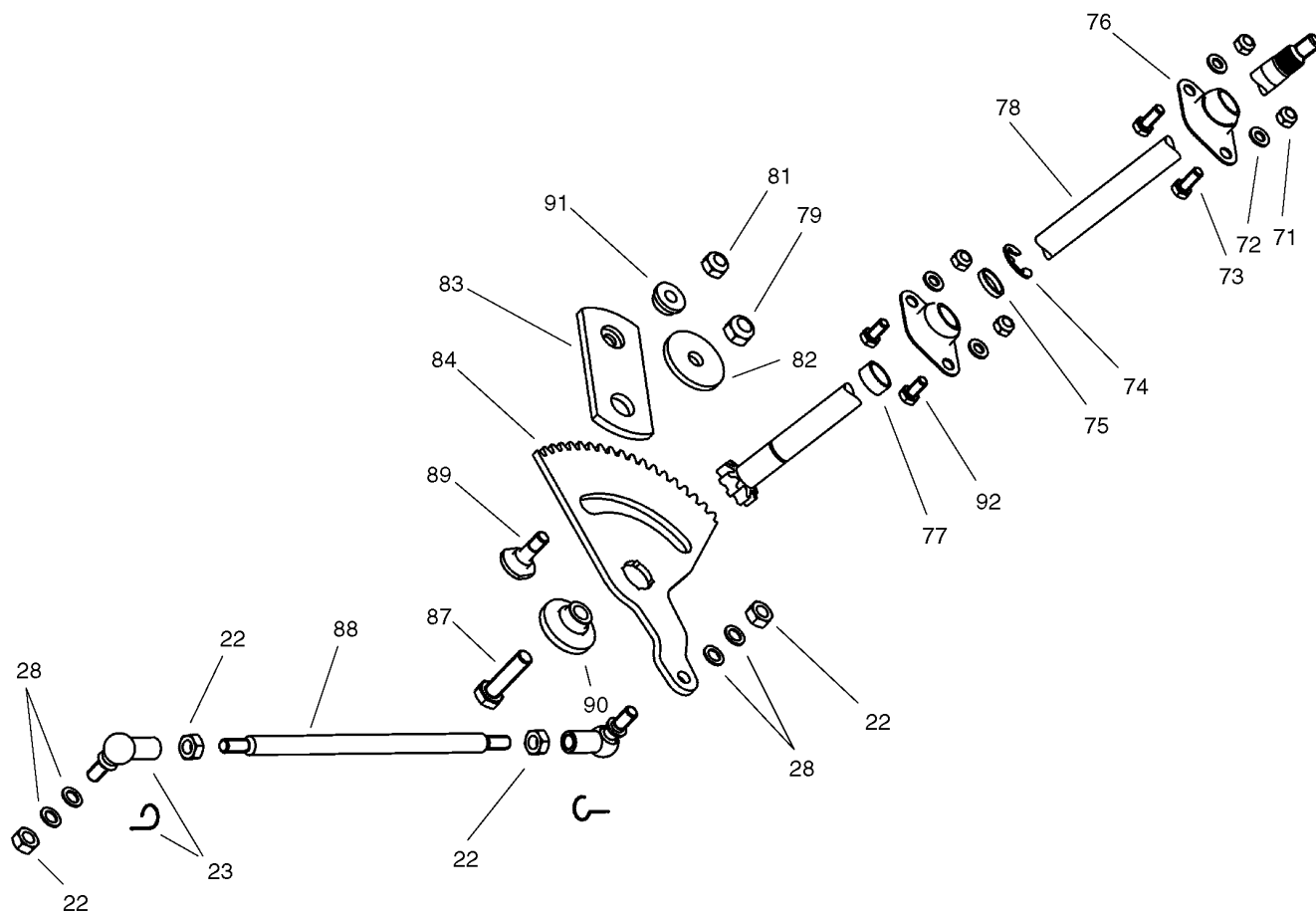
Ref	Part No.	Qty.	Description				
49	104-3240	1	Decal-HOC, RH				
50	99-5340	1	Decal-Switch				
51	93-7276	1	Decal-Danger				
53	100-9125	2	Decal - Tower 190Dh				
54	104-2903	1	Decal-Instruction				
55	104-3239	1	Decal-HOC, LH				
56	60-6910	6	Screw				
57	106-5753	2	Cover-Rear				
58	106-5754	8	Screw				
59	106-5755	8	Washer-Flat				
60	106-5756	1	Box-Battery				



Front Axle Assembly

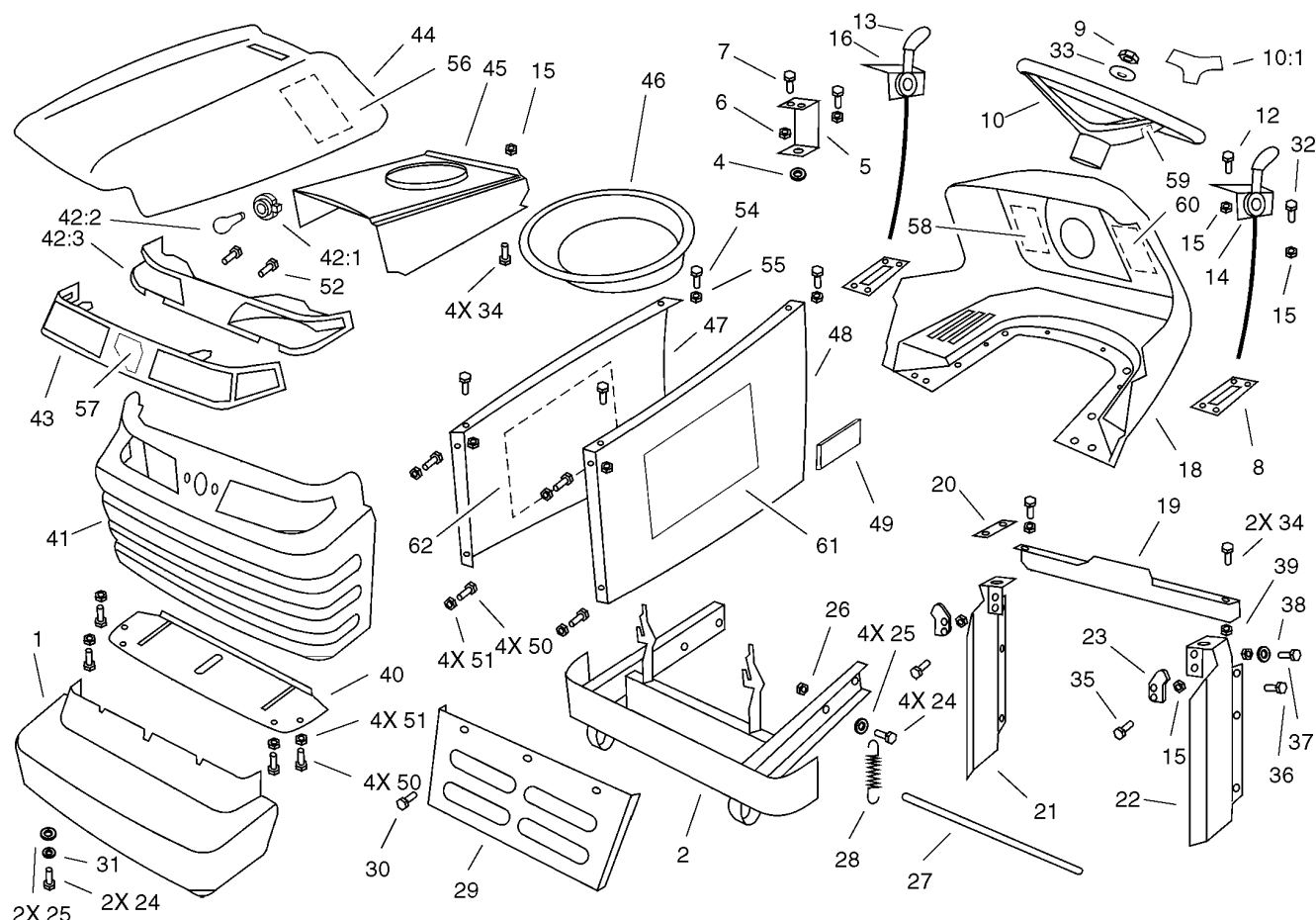
Ref	Part No.	Qty.	Description
1	33116-090	1	Screw-HH
2	33115-080	2	Screw-HH
3	104-2851	2	Spacer
4	104-2904	3	Fitting-Grease
5	104-2905	4	Washer-Flat
6	104-2891	2	Clip-Spring
7	104-2852	1	Axle-Front
8	104-2906	2	Washer-Flat
9	33025-00	2	Nut-Lock
10	104-2890	2	Bushing-Axle, Front
11	104-2907	1	Nut-Self Locking
12	104-2855	1	Rod-Tie, Front Axle
13	104-2856	1	Key-Woodruff
14	33023-00	1	Nut-Lock
15	104-2857	2	Cap-Hub
16	104-2891	2	Clip-Spring
17	104-3206	2	Washer
18	104-2859	2	Front Tire Wheel ASM
19	104-2861	1	Spindle-LH
20	33113-045	1	Screw-HH
21	104-2862	1	Lever-Spindle, Steering
22	33015-00	4	Nut-Hex
23	21-0360	2	Nut-Hex
27	104-2867	1	Spindle-RH

Ref	Part No.	Qty.	Description
28	106-5757	4	Washer
50	104-2869	2	Tire- Turf Saver 2 Ply
51	104-2870	2	Tube
54	104-2875	2	Valve-Tyre
55	104-2876	2	Joint-Ball, Angle



Steering Assembly

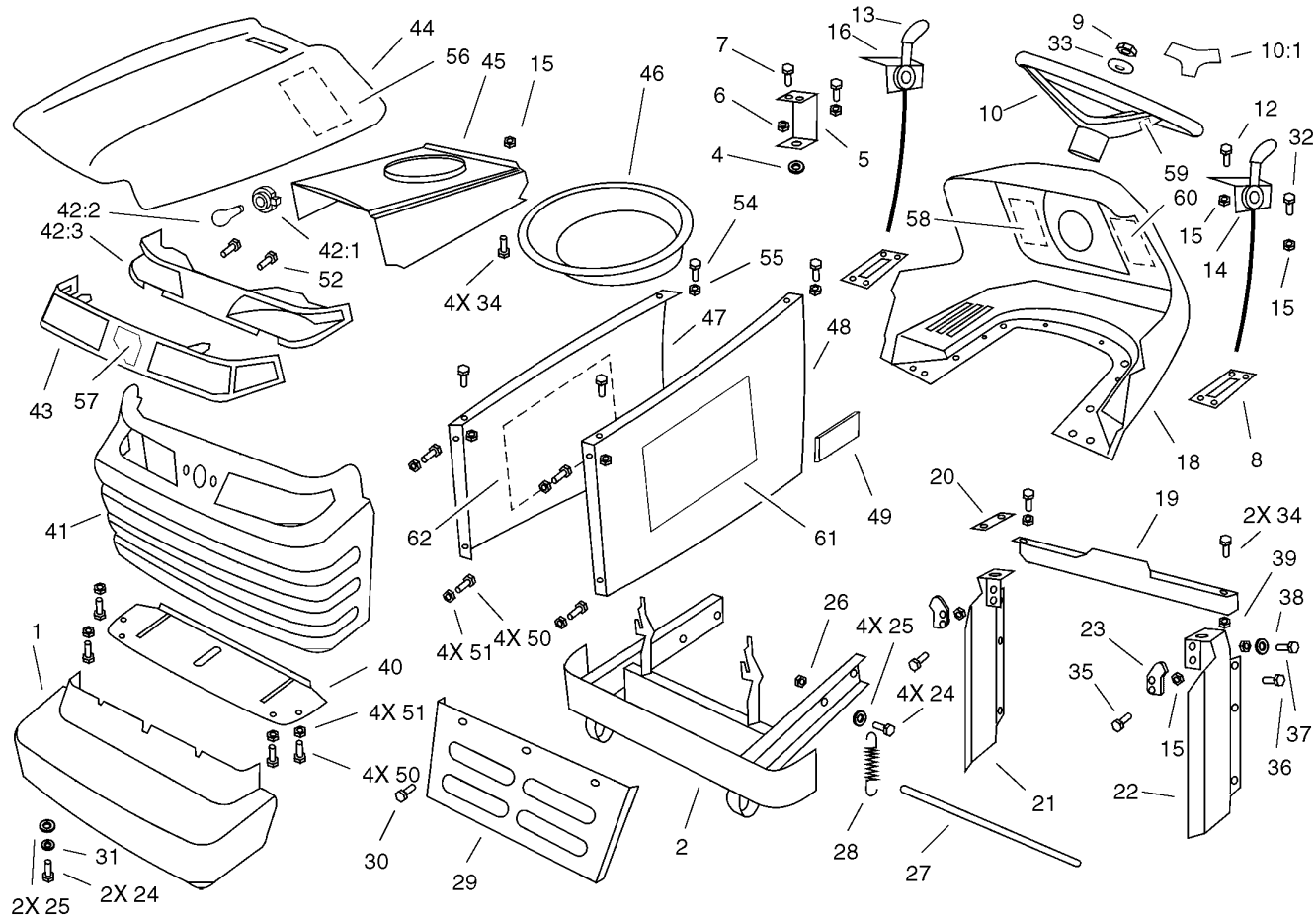
Ref	Part No.	Qty.	Description
22	33015-00	4	Nut-Hex
23	104-2863	2	Hsg-Ball Angle
28	106-5757	4	Washer
71	33024-00	4	Nut-Lock
72	33094-00	4	Washer-Plain
73	33114-020	2	Screw-HH
74	104-2891	1	Clip-Spring
75	104-2877	1	Spacer-Upper
76	104-2878	2	Bearing-Spherical
77	104-2879	1	Spacer-Lower
78	106-5773	1	Shaft-Steering
79	33026-00	1	Nut-Lock
81	33025-00	1	Nut-Lock
82	33094-00	1	Washer-Plain
83	105-1238	1	Plate-Steering
84	104-2883	1	Gear-Sector
87	104-2910	1	Screw-Hex
88	104-2886	1	Link-Drag
89	105-1239	1	Bolt-Shoulder
90	105-1240	1	Pivot-Steering
91	105-1241	1	Bushing
92	33114-016	2	Screw-HH



Body Assembly

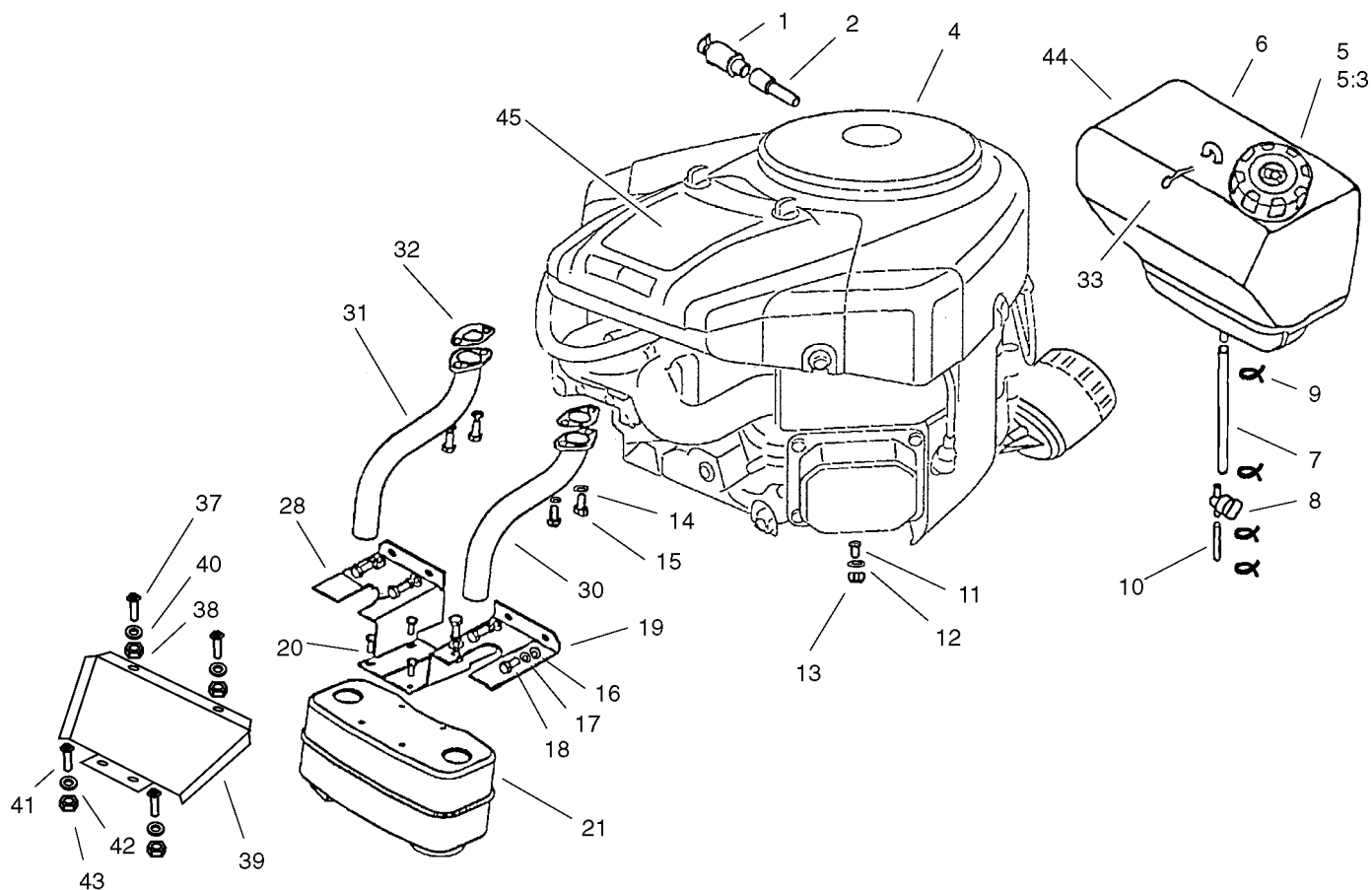
Ref	Part No.	Qty.	Description
1	104-2955	1	Cover-Bumper
2	104-2956	1	Bumper
3	104-2958	1	Hood ASM
4	104-2959	1	Bushing
5	104-2960	1	Holder-Tank, Fuel
6	33023-00	2	Nut-Lock
7	104-2961	2	Screw
8	104-2962	2	Brace
9	33026-00	1	Nut-Lock
10	98-1472	1	Wheel-Steering
10:1	98-1468	1	Cover-Wheel, Steering
12	104-2966	4	Screw-Flt HD
13	66-0120	2	Knob
14	92-6783	1	Control-Choke, Twin
15	87-5140	18	Nut-Lock
16	92-6784	1	Control-Throttle, Twin
18	104-2969	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-Plain

Ref	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
32	106-5759	4	Screw
33	106-5758	1	Washer
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 And Lamp ASM
42:1	111686	2	Socket-Light
42:2	7228	2	Bulb
42:3	93-8741	1	Reflector
43	92-6656	1	Lens - Headlight
44	92-6658	1	Hood-Top
45	104-2987	1	Hood - Baffle
46	104-2989	1	Plenum-Air



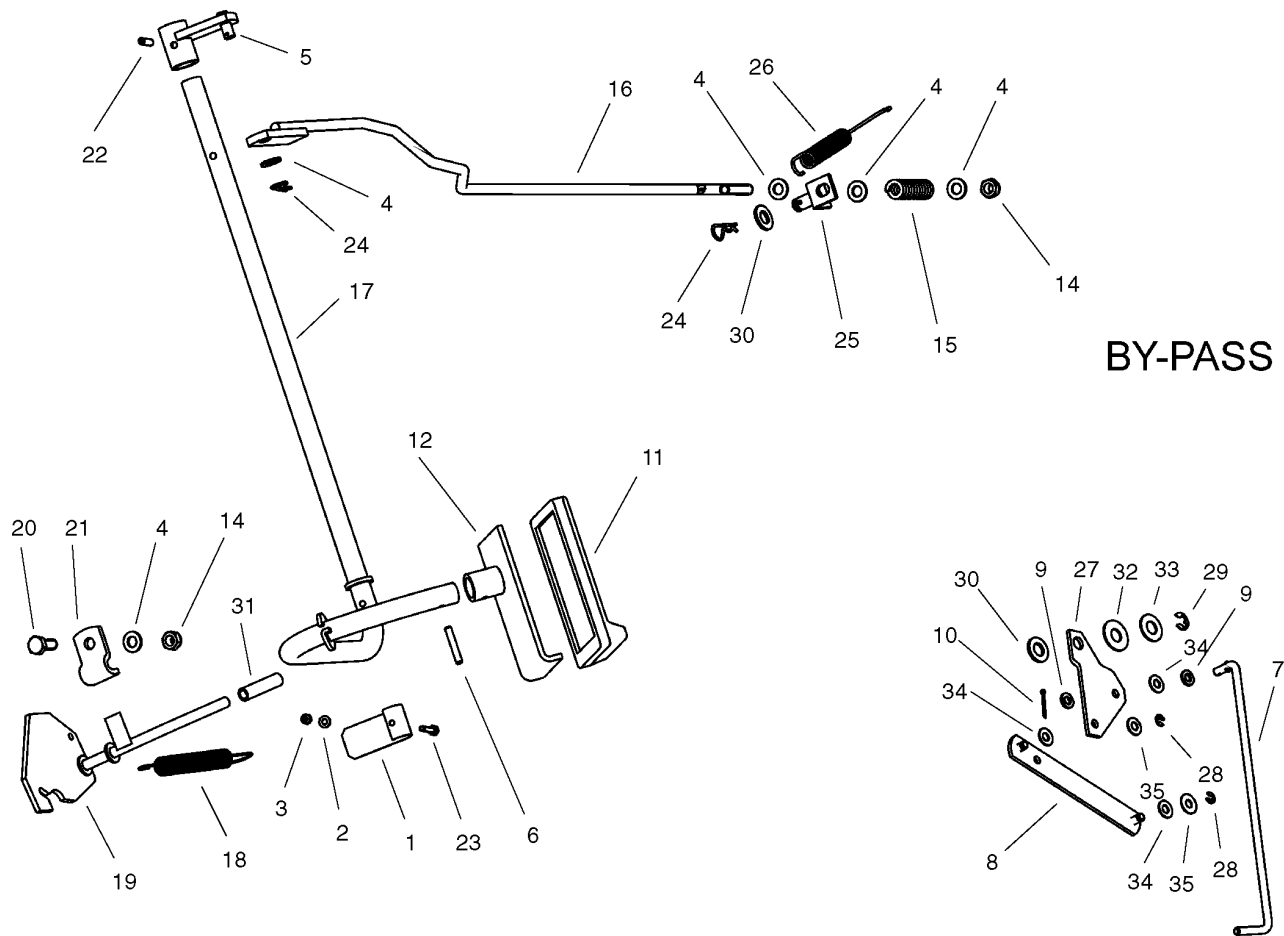
Body Assembly (continued)

Ref	Part No.	Qty.	Description				
47	92-6650	1	Side-Hood, RH				
48	92-6652	1	Side-Hood, LH				
49	92-7148	2	Foam-Sidepanel				
50	104-2990	8	Screw				
51	104-2991	8	Nut-Hex				
52	46-8093	2	Screw-Plastite				
54	32105-15	4	Screw				
55	92-7006	4	Nut				
56	94-1980	2	Foam-Hood				
57	92-6987	1	Emblem-Horsehead				
58	104-3234	1	Decal				
59	98-1459	1	Decal				
60	104-3233	1	Decal-Choke/PTO				
61	95-0801	1	Decal-Hood, LH				
62	95-0800	1	Decal-Hood, RH				



Engine Assembly

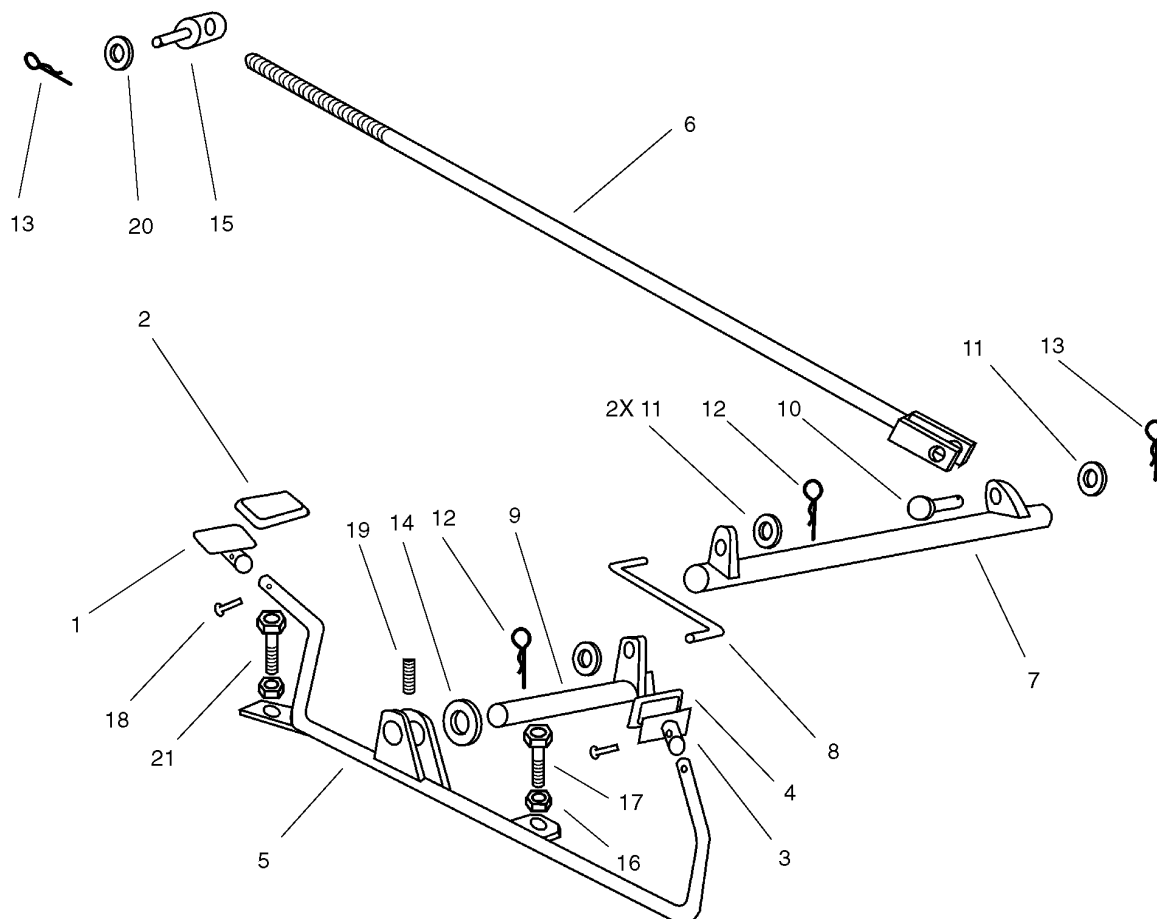
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-3208	1	Valve-Oil Drain	30	104-3216	1	Tube-Exhaust, LH
2	106-5764	1	Coupler-Oil Drain	31	104-3217	1	Tube-Exhaust, RH
24		1	Engine-Briggs And Stratton, Intek, 2Cyl Model 406777-0157-E1	32	104-3226	2	Gasket-Exhaust
5	88-3980	1	Gas Cap ASM	33	104-3144	1	Pin-Hair
5:3	88-4010	1	Gasket-Cap, Gas	37	33113-012	2	Screw-HH
6	104-3057	1	Tank-Fuel	38	33023-00	2	Nut-Lock
7	104-3211	1	Line-Fuel	39	104-3219	1	Shield-Heat
8	104-3224	1	Valve-Tank, Fuel	40	33093-00	2	Washer-Flat
9	104-3212	4	Clamp-Line, Fuel	41	104-2980	2	Screw
10	104-3213	1	Line-Fuel	42	104-2943	2	Washer-Flat
11	104-3085	4	Bolt-HHF	43	87-5140	2	Nut-Lock
12	33094-00	4	Washer-Plain	44	104-3220	1	Tank-Fuel W/Cap
13	33024-00	4	Nut-Lock	45	104-2901	1	Decal-Engine
14	104-2927	4	Washer-Spring				
15	322-3	4	Screw-HH				
16	33094-00	4	Washer-Plain				
17	104-2927	4	Washer-Spring				
18	33114-020	4	Screw-HH				
19	104-3214	1	Guard-Muffler, LH				
20	106-5763	4	Screw				
21	104-3225	1	Muffler				
28	104-3215	1	Guard-Muffler, RH				



Operation Brake By-Pass Assembly

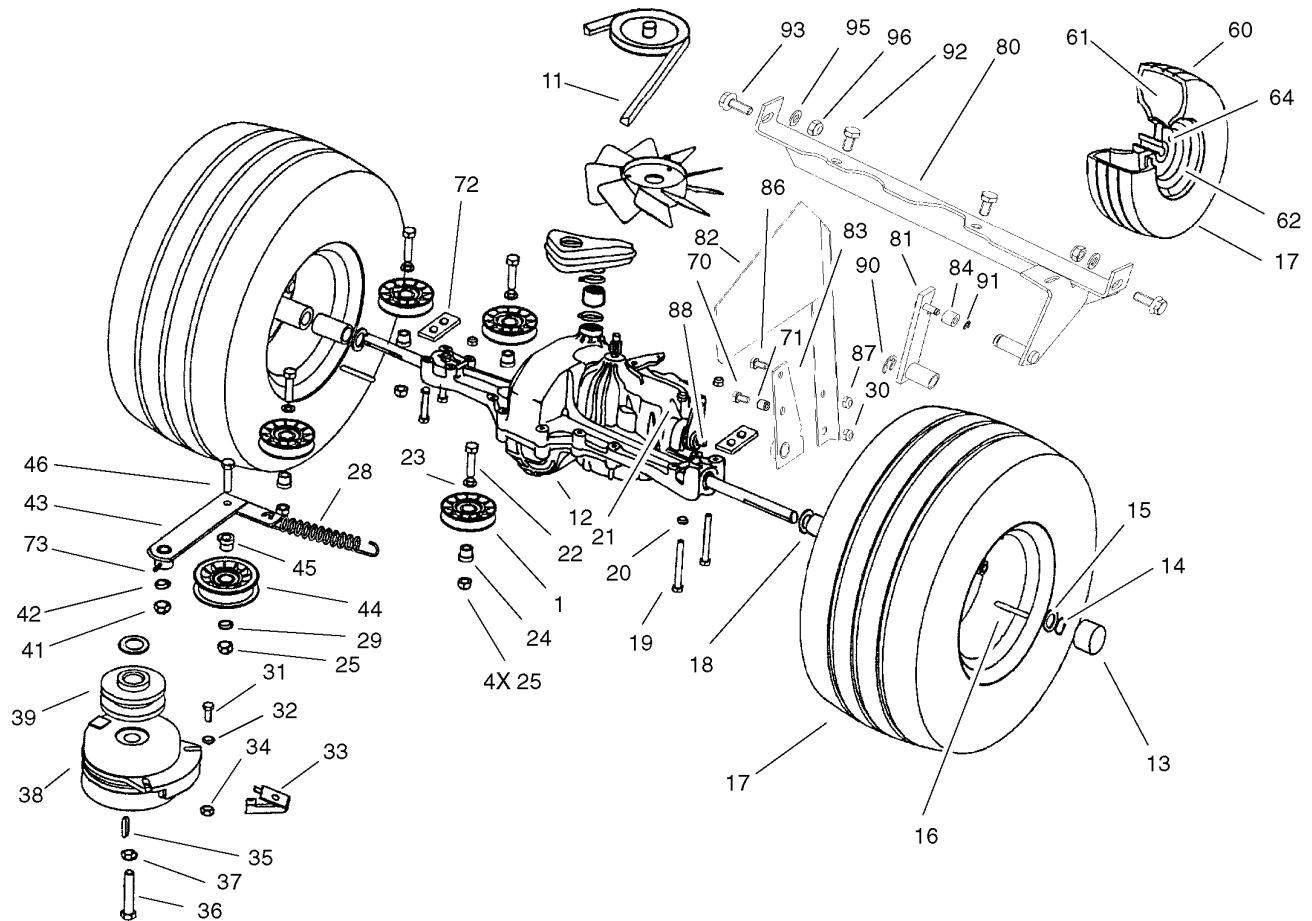
Ref	Part No.	Qty.	Description
1	104-2992	1	Lever-Spring
2	104-2984	1	Washer
3	104-2985	1	Nut-Hex
4	33094-00	5	Washer-Plain
5	104-2993	1	Bracket-Rod, Brake
6	104-2994	1	Pin-Spring
7	104-2995	1	Rod-Lever, Bypass
8	104-3324	1	Lever-Bypass
9	104-3193	2	Washer
10	104-2997	1	Pin-Cotter
11	104-2998	1	Pad-Pedal
12	104-2999	1	Pedal
14	33024-00	2	Nut-Lock
15	104-3002	1	Spring-Brake
16	104-3003	1	Rod-Connecting, Brake
17	104-3246	1	Shaft-Brake
18	104-3005	1	Spring-Brake, Hand
19	104-3006	1	Lever-Brake, Hand
20	33114-020	1	Screw-HH
21	104-3007	1	Clamp-Lever, Parking Brake
22	104-3008	1	Pin-Spring
23	104-3009	1	Screw-Hex
24	104-3016	2	Pin-Cotter
25	104-3011	1	Bracket-Rod, Brake

Ref	Part No.	Qty.	Description
26	104-3012	1	Spring
27	104-3323	1	Plate-Bypass
28	104-3014	2	Stirrup
29	104-3015	1	Stirrup
30	33095-00	2	Washer-Flat
31	104-3247	1	Cap
32	106-5768	1	Washer
33	106-5769	1	Washer
34	106-5770	3	Washer
35	106-5771	2	Washer



Operation Travel Pedal Assembly

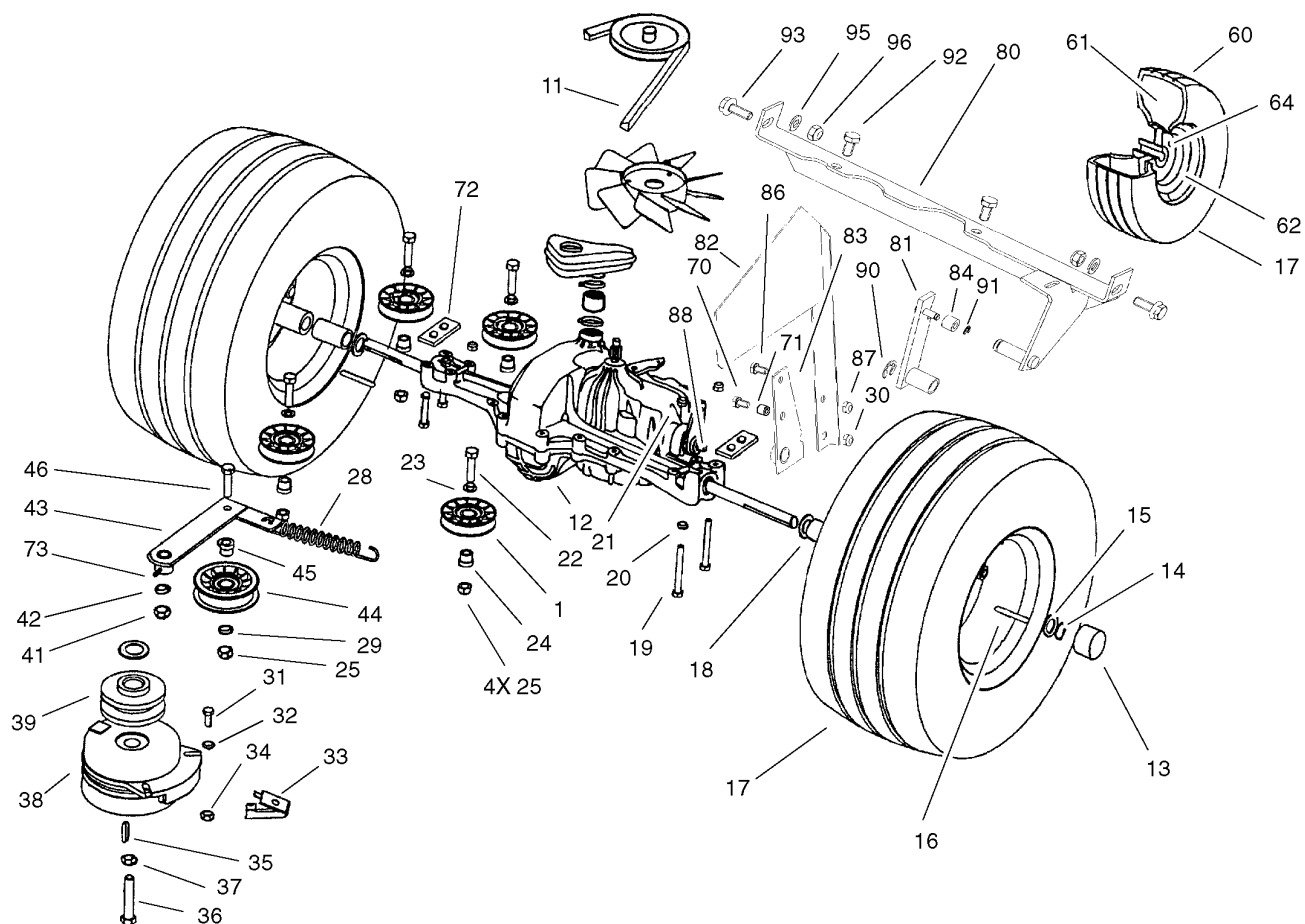
Ref	Part No.	Qty.	Description				
1	104-3017	1	Pedal-Rear, Travel				
2	104-3018	1	Pad-Pedal				
3	104-3019	1	Pedal-Travel, Front				
4	104-3020	1	Pad-Pedal, Front				
5	104-3021	1	Pad-Travel				
6	104-3022	1	Rod-Tie				
7	104-3023	1	Shaft-Diagonal				
8	104-3024	1	Link-Formed				
9	104-3025	1	Shaft-Diagonal				
10	104-3026	1	Pin				
11	33095-00	3	Washer-Flat				
12	104-3016	2	Pin-Cotter				
13	104-3027	2	Pin-Cotter				
14	104-3028	1	Spacer				
15	104-3029	1	Pin				
16	33014-00	2	Nut-Hex				
17	43-3220	1	Capscrew-HH				
18	104-3008	2	Pin-Spring				
19	104-3030	1	Pin-Spring				
20	104-3031	1	Washer				
21	33114-025	1	Screw-HH				



Transmission Drive Assembly

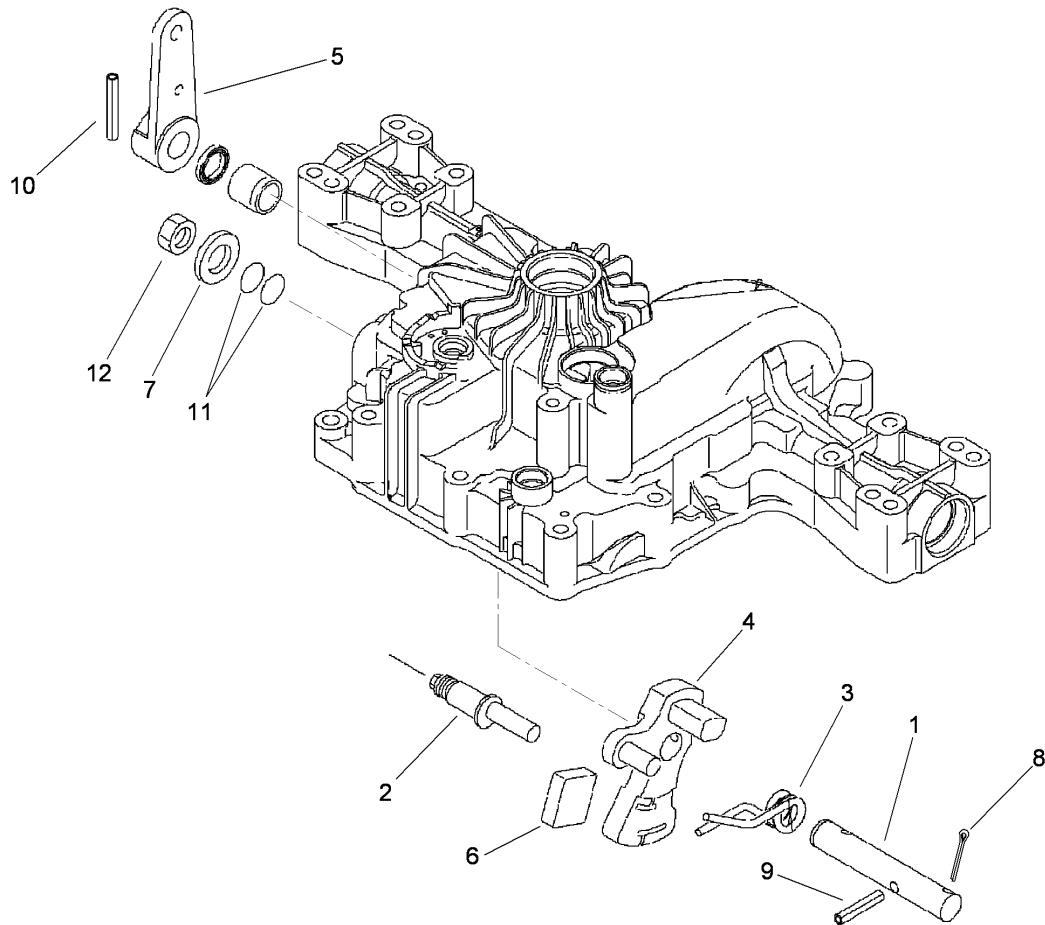
Ref	Part No.	Qty.	Description
1	104-2887	4	Pully-Idler
11	104-2888	1	V-Belt-Traction
12	104-2889	1	Transmission
13	104-2857	2	Cap-Hub
14	104-2891	2	Clip-Spring
15	104-3206	4	Washer
16	104-2892	2	Key-Square
17	104-2894	2	Rear Tire ASM
18	104-2895	2	Spacer-Axle
19	33114-080	4	Screw-HH
20	33094-00	8	Washer-Plain
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	5	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-Plain
33	104-2898	1	Retainer
34	33024-00	1	Nut-Lock
35	104-2899	1	Key-Square

Ref	Part No.	Qty.	Description
36	3212-10	1	Screw-HH
37	93-9043	1	Washer-Spring, Belleville
38	104-3334	1	Clutch-Electric
39	104-2911	1	Pulley-Engine
41	33024-00	1	Nut-Lock
42	33094-00	1	Washer-Plain
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	104-2917	2	Tire-Turf Saver 4 Ply
61	104-2918	2	Tube
62	104-3196	2	Wheel ASM
64	104-2922	8	Nut-Wheel
70	33115-045	1	Screw-HH
71	104-2925	1	Sleeve
72	104-3343	2	Plate-Reinforcing
73	104-2904	1	Fitting-Grease
80	104-3327	1	Bar ASM
81	104-3328	1	Arm-Switch
82	104-3325	1	Arm-Control, Cruise
83	104-3326	1	Tenon
84	104-3329	1	Roller
86	33114-010	1	Screw-HH



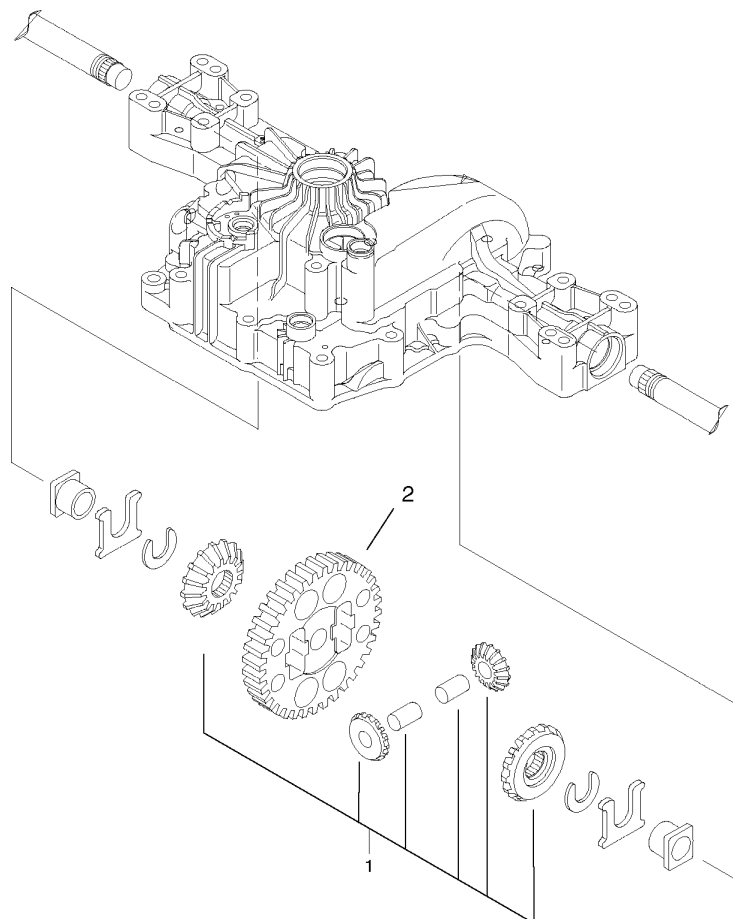
Transmission Drive Assembly (continued)

Ref	Part No.	Qty.	Description
87	33024-00	1	Nut-Lock
88	104-3342	1	Arm-Transaxle
90	104-3341	1	Stirrup
91	104-3014	1	Stirrup
92	104-3344	2	Screw-Thread Forming
93	104-3065	2	Screw-Hex
95	33094-00	2	Washer-Plain
96	33024-00	2	Nut-Lock



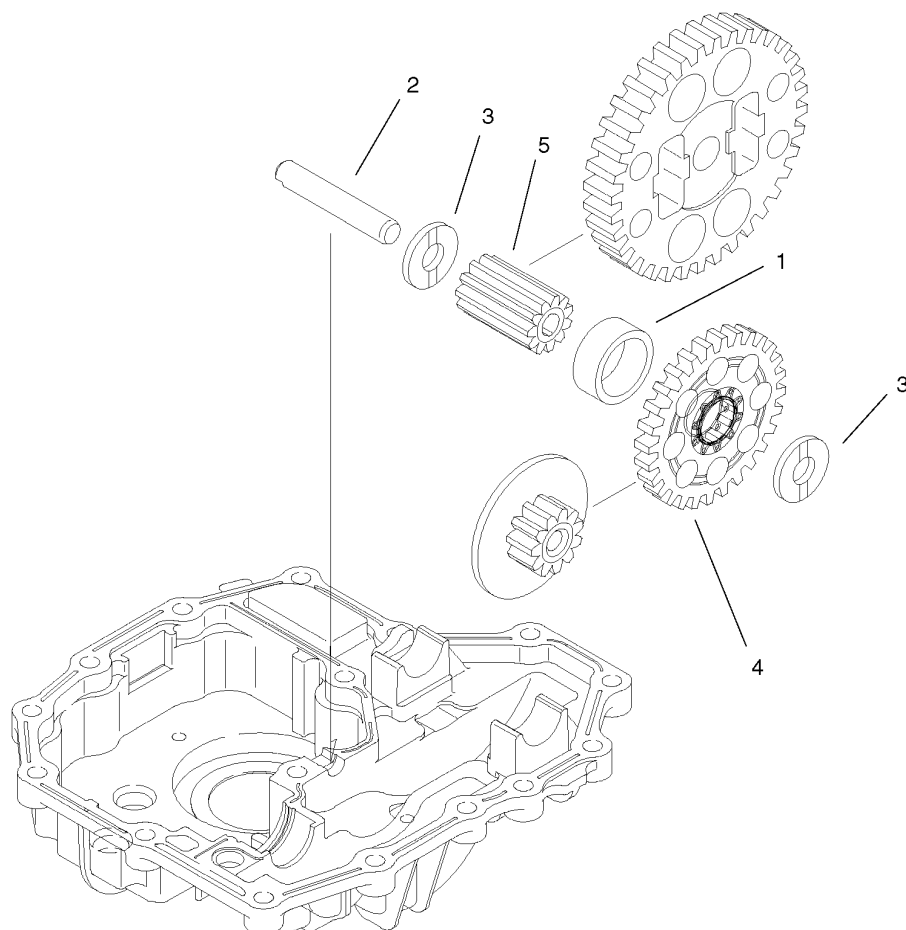
Control Shaft Assembly

Ref	Part No.	Qty.	Description				
1	114-3181	1	Shaft-Control				
2	104-3292	1	Fulcrum-Eccentricity				
3	104-3293	1	Spring-Torsion				
4	114-3180	1	Arm-Control				
5	104-3295	1	Lever-Control				
6	104-3296	1	Plate-Jerky				
7	93-0417	1	Washer				
8	114-3182	1	Pin-Cotter				
9	104-3297	1	Pin				
10	93-0411	1	Pin-Roll				
11	104-3298	2	Packing				
12	93-0420	1	Nut				



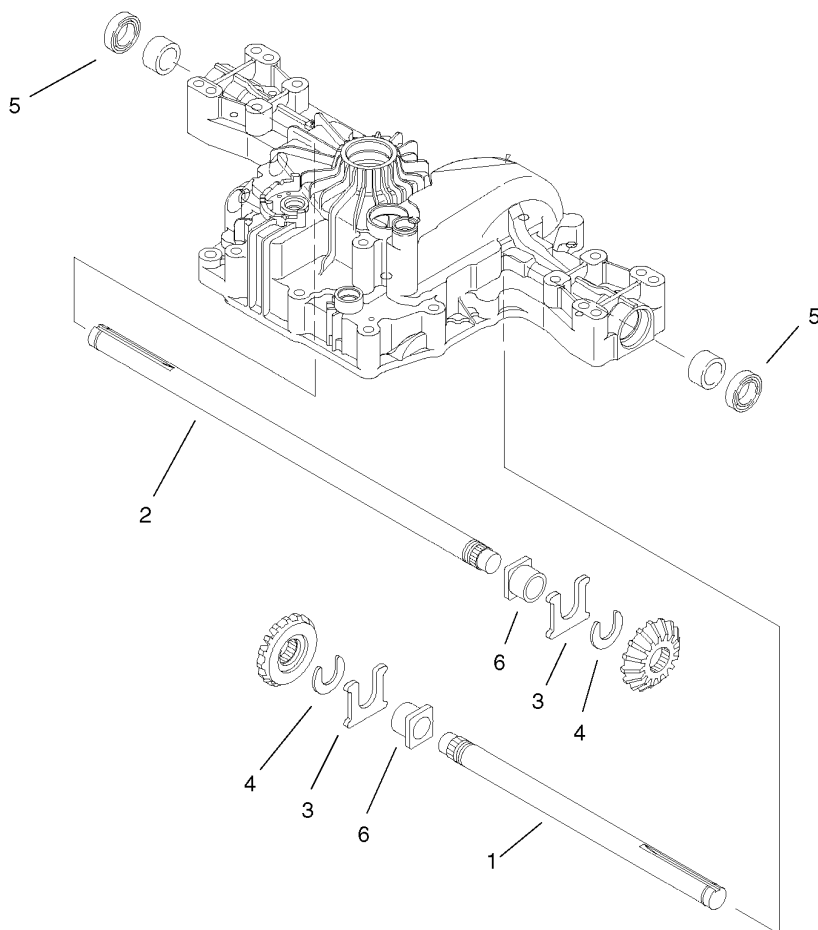
Differential Gear Assembly

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



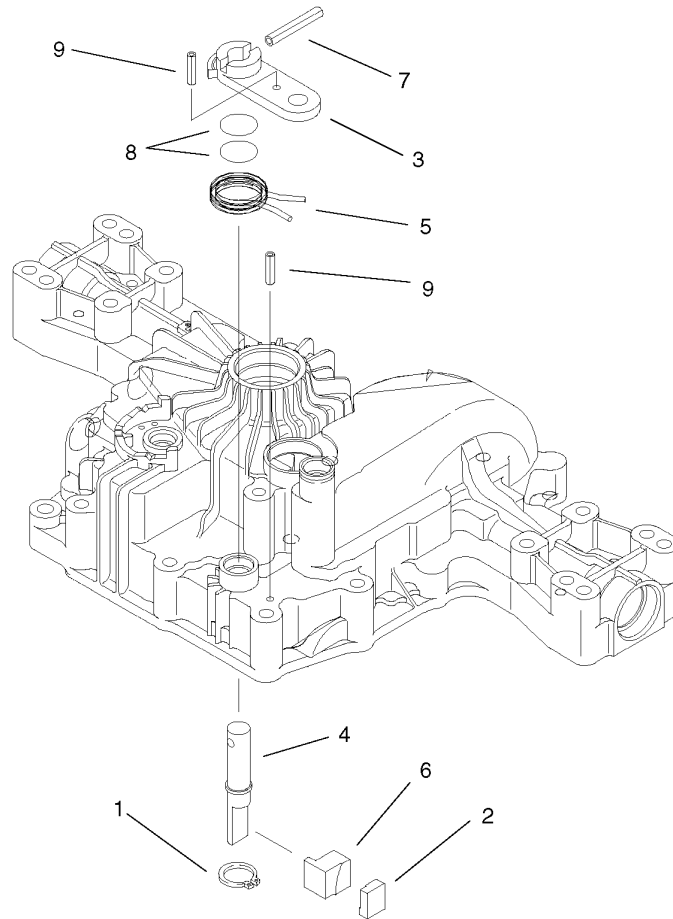
Final Pinion Assembly

Ref	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



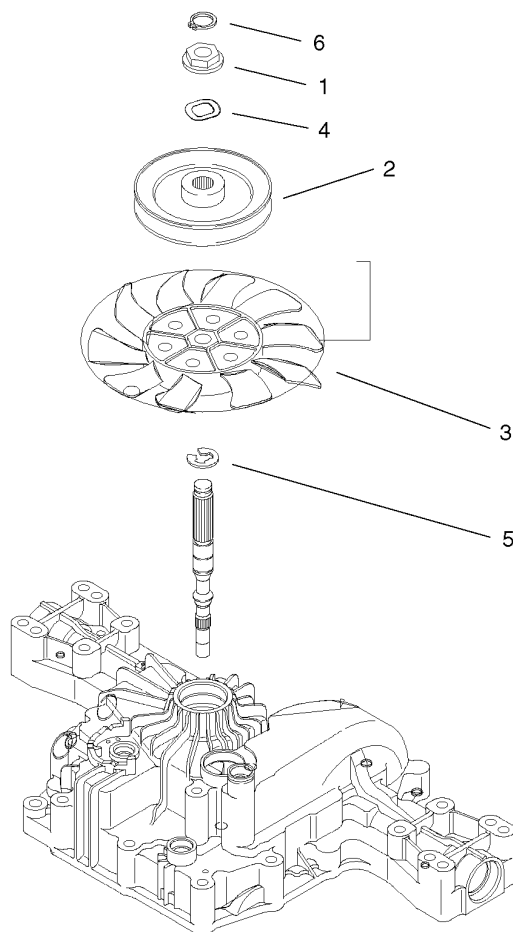
Axle Shaft Assembly

Ref	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



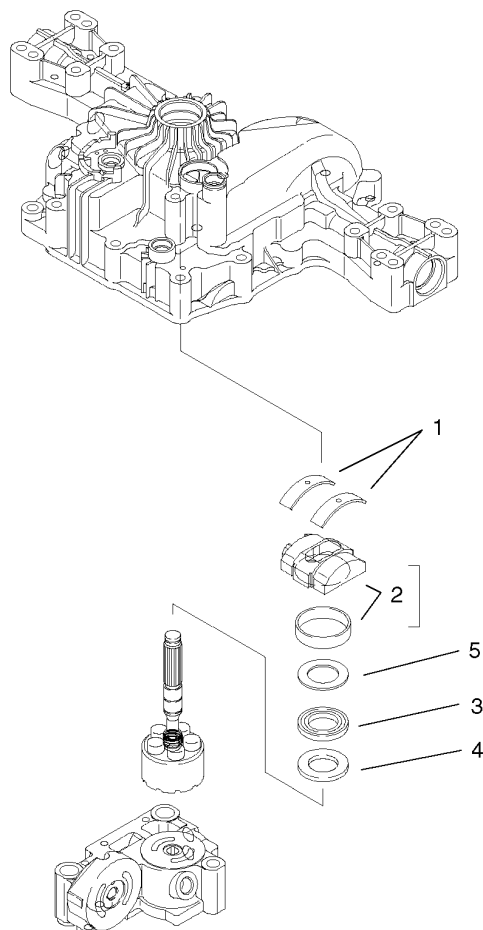
Brake Assembly

Ref	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				



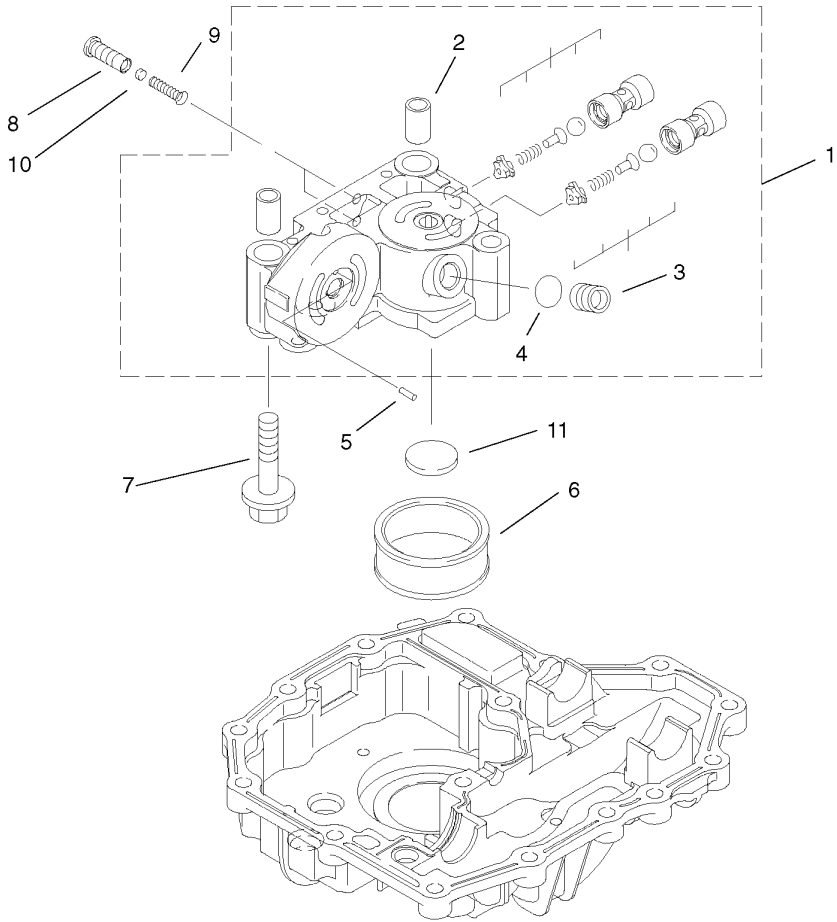
Fan Pulley Assembly

Ref	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



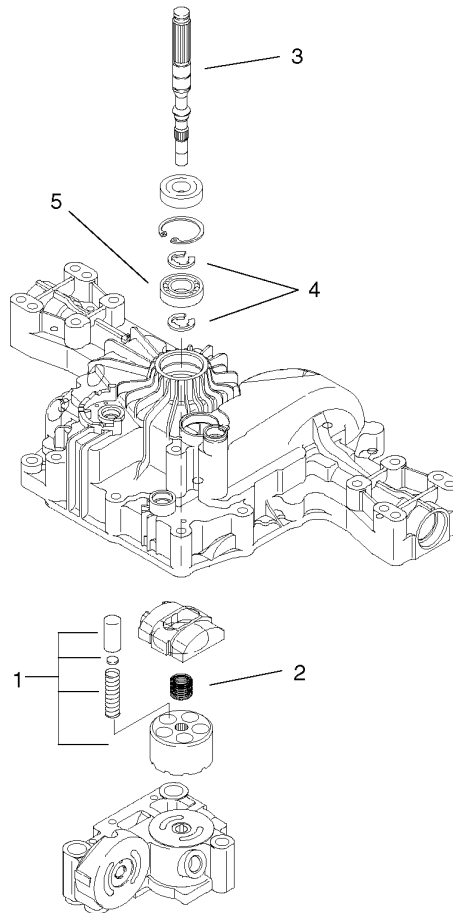
Range Shift Assembly

Ref	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



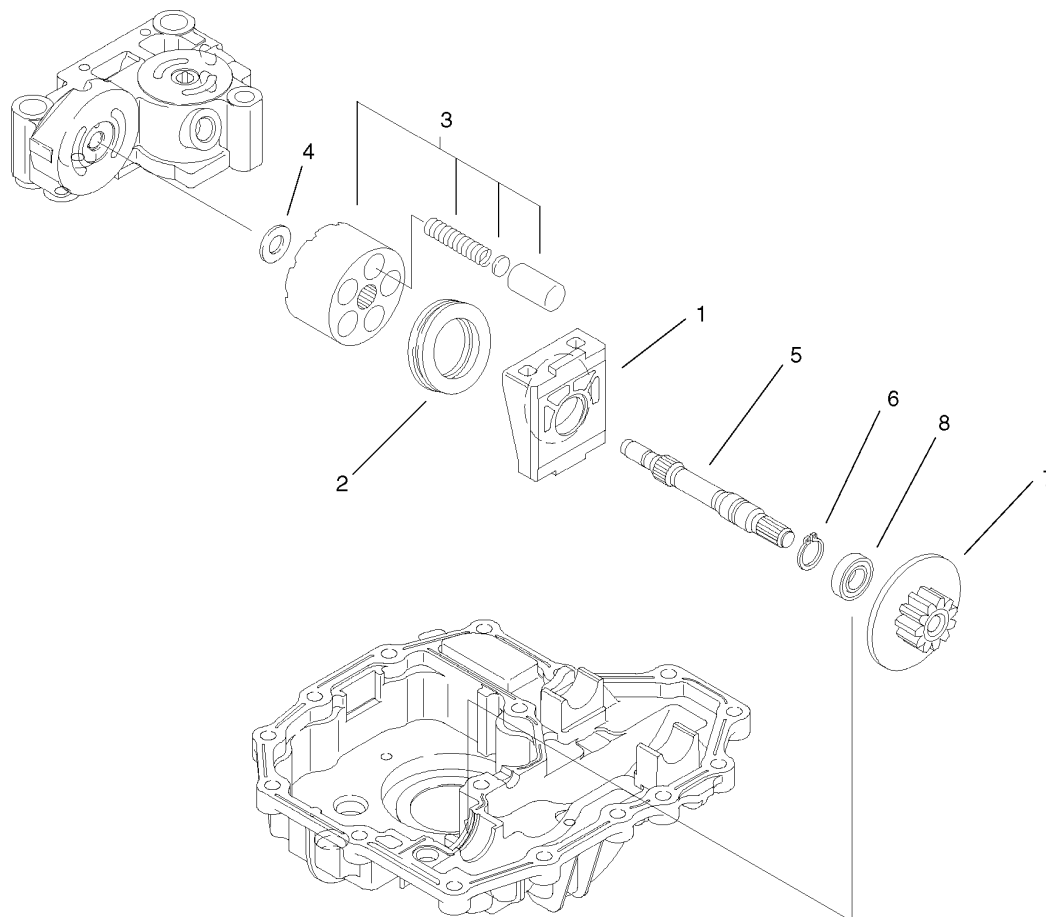
Center Case Assembly

Ref	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				
9	104-3274	2	Spring				
10	104-3275	2	Filter				
11	104-3257	1	Magnet				



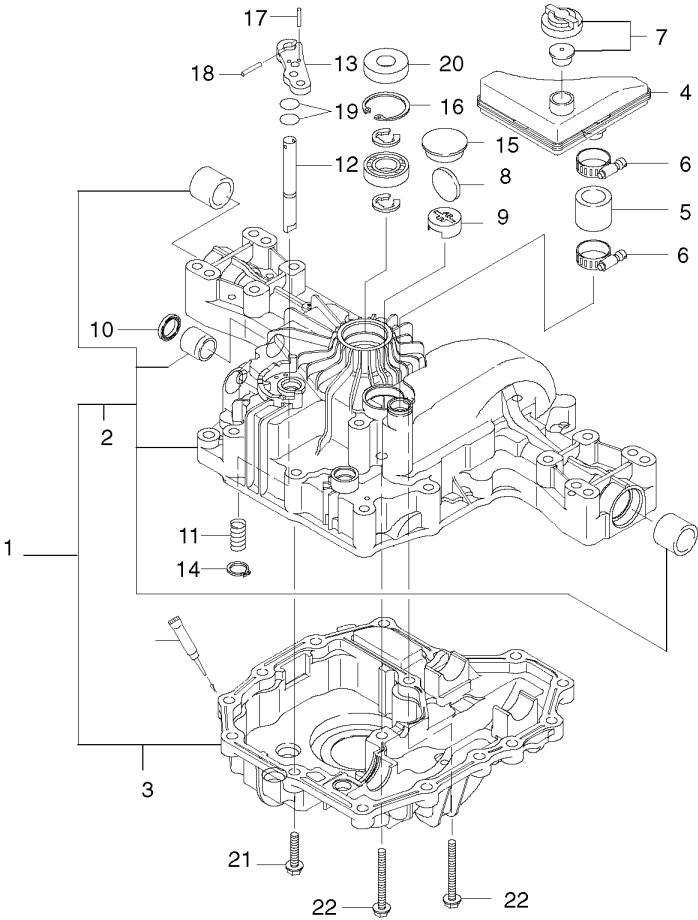
Pump Shaft Assembly

Ref	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



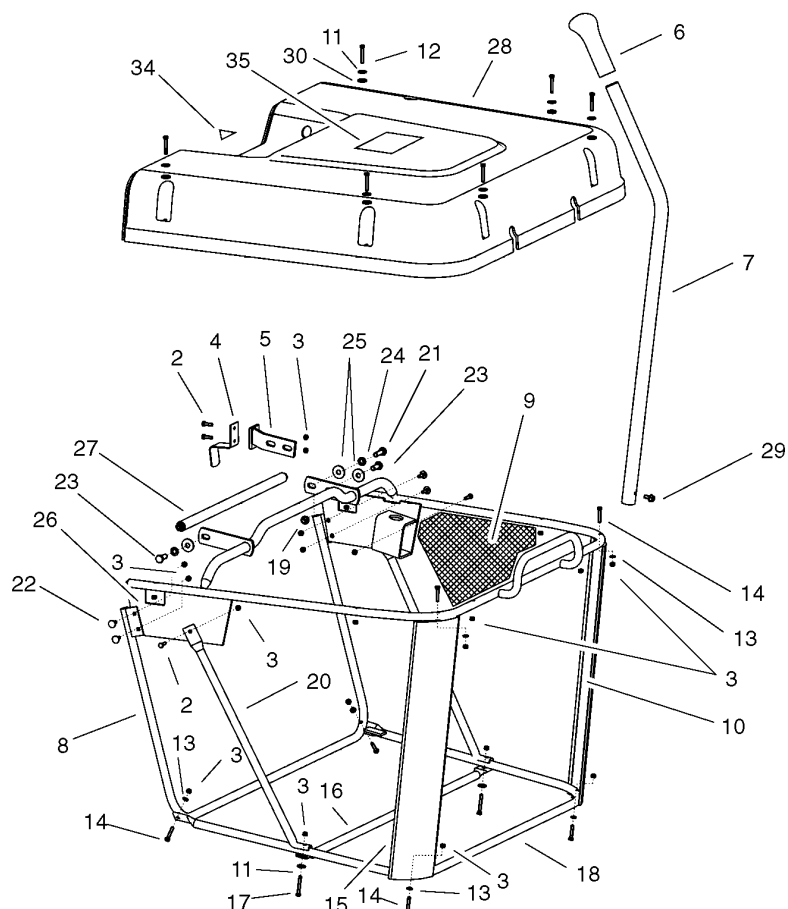
Motor Shaft Assembly

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



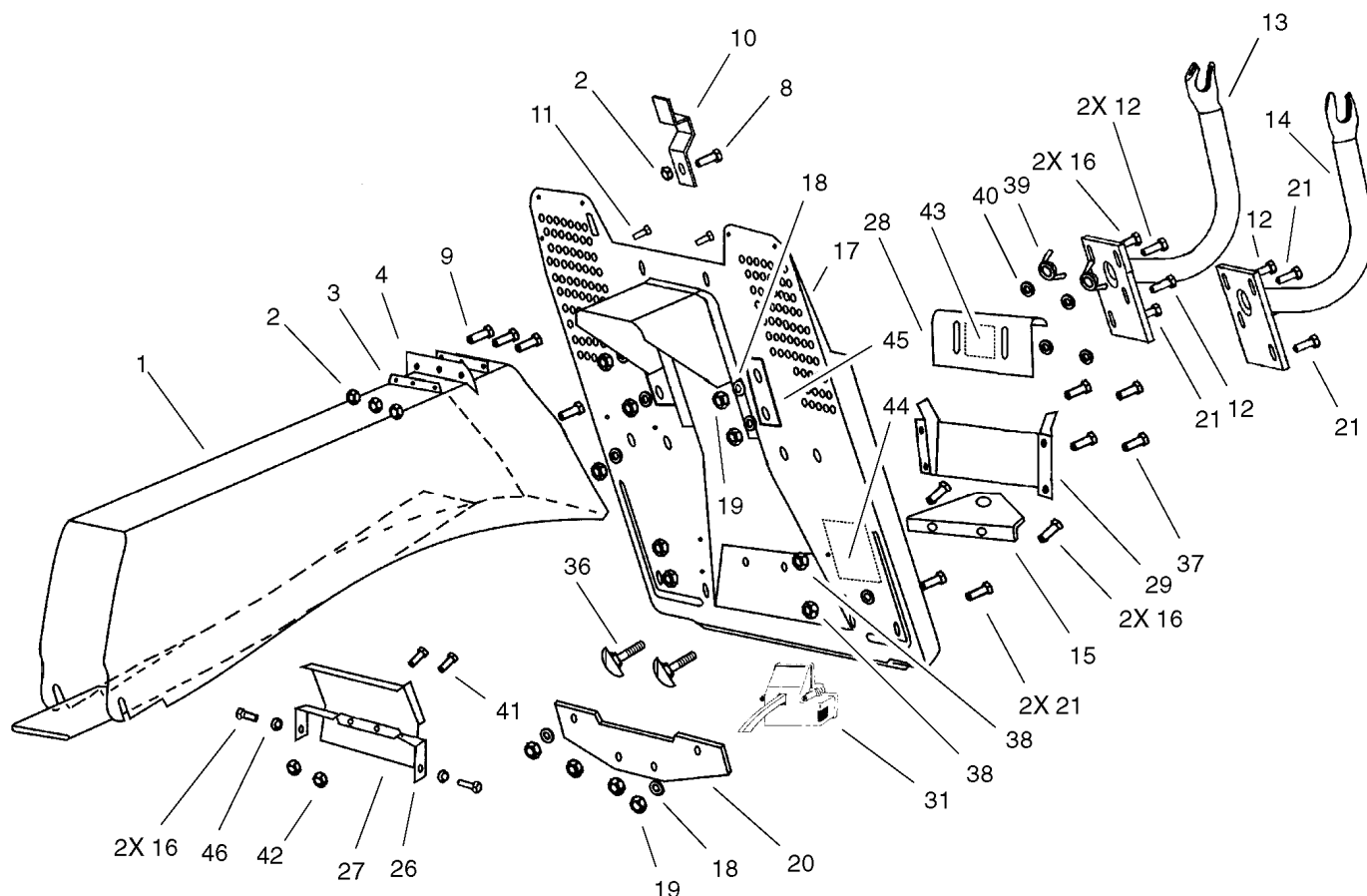
Transaxle Case Assembly

Ref	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-TAP				
22	104-3266	2	Screw-TAP				



Grass Collector Assembly

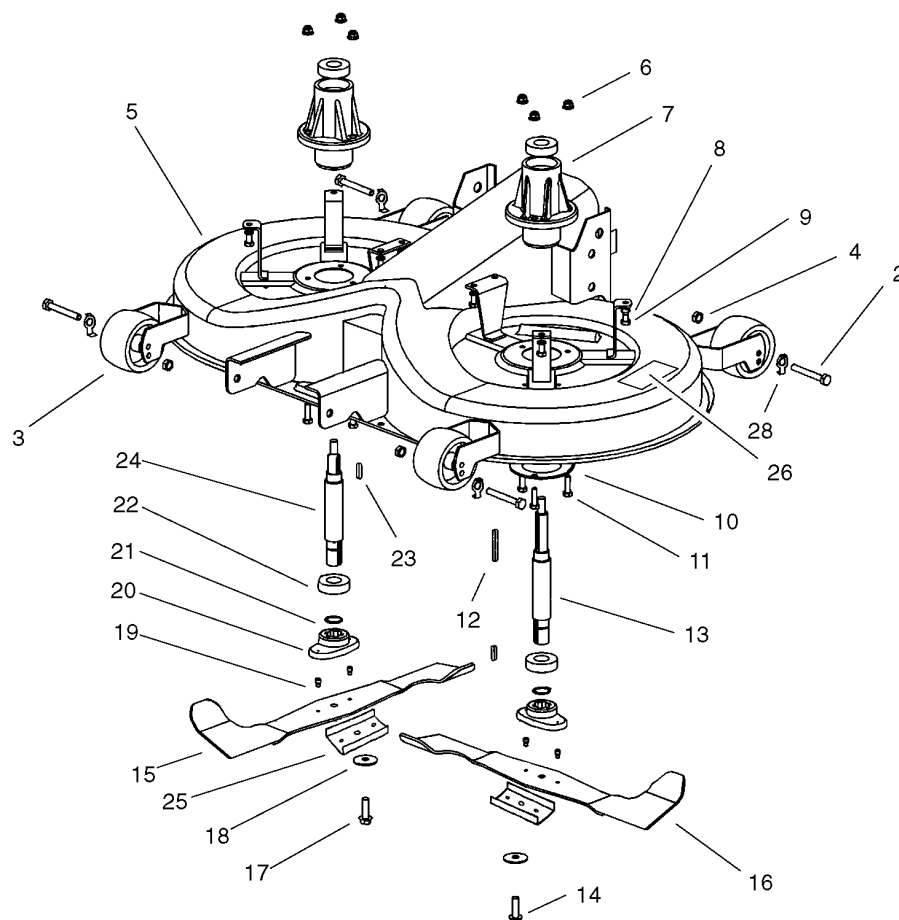
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-5760	1	Collector ASM	25	104-2946	3	Washer-Plain
2	60-6910	2	Screw	26	104-3047	1	Top Frame ASM
3	87-5140	22	Nut-Lock	27	104-3048	1	Handle-Lift
4	104-3033	1	Spring-Coll, Interlock Switch	28	106-5762	1	Cover-Collector
5	106-5761	1	Bracket-Spring	29	106-5763	1	Screw
6	104-3035	1	Grip-Handle	30	104-2952	6	Washer-Rubber
7	104-3036	1	Lever-Dumping	34	104-3242	1	Decal-Bag To Frame
8	104-3037	1	Front Frame ASM	35	104-3322	1	Decal - Horsehead
9	104-3038	1	Bag-Grass				
10	104-3039	1	Support-Corner, Right				
11	104-2943	8	Washer-Flat				
12	104-2891	6	Clip-Spring				
13	52-6430	14	Washer				
14	104-3041	4	Screw-Hex				
15	104-3042	1	Support-Corner, Left				
16	104-3043	1	Brace-Connecting				
17	104-3044	2	Screw-Hex				
18	104-3045	1	Bottom Frame ASM				
19	33024-00	1	Nut-Lock				
20	104-3046	2	Brace				
21	33114-025	1	Screw-HH				
22	104-2948	4	Bolt-Carriage				
23	33114-020	2	Screw-HH				
24	104-2927	2	Washer-Spring				



Chute-Collector Assembly

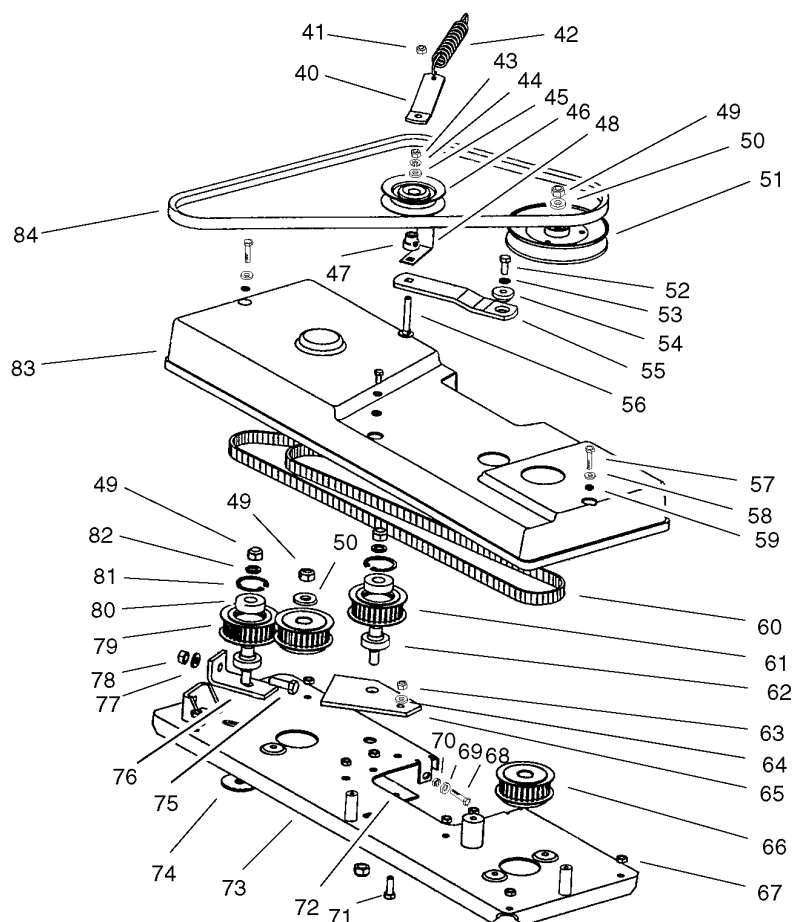
Ref	Part No.	Qty.	Description
1	104-3054	1	Tunnel
2	104-2985	6	Nut-Hex
3	104-3055	1	Plate-Support
4	104-3056	1	Seal-Rubber
8	104-2983	1	Screw
9	104-3058	3	Screw-SFH
10	104-3059	1	Cover-Switch
11	104-3060	2	Bolt-Carriage
12	104-3061	4	Screw
13	104-3062	1	Support-Collector, Right
14	104-3063	1	Support-Collector, Left
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-Hitch, Tow
21	104-3068	5	Screw-Hex
26	104-3069	1	Bracket-Shield, Protective
27	104-3070	1	Shield-Protective
28	104-3336	1	Shield-Adjustable
29	104-3335	1	Hopper-Receiving
31	104-3074	1	Overload Switch ASM
36	104-2961	2	Screw

Ref	Part No.	Qty.	Description
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	104-2853	1	Decal-Position, Bagging
44	104-3243	1	Decal-Bypass, Hydro
45	104-3347	2	Plate-Reinforcing
46	104-3348	2	Washer-Spring
47	106-5772	1	Bushing



Operation Cutting Pan Assembly

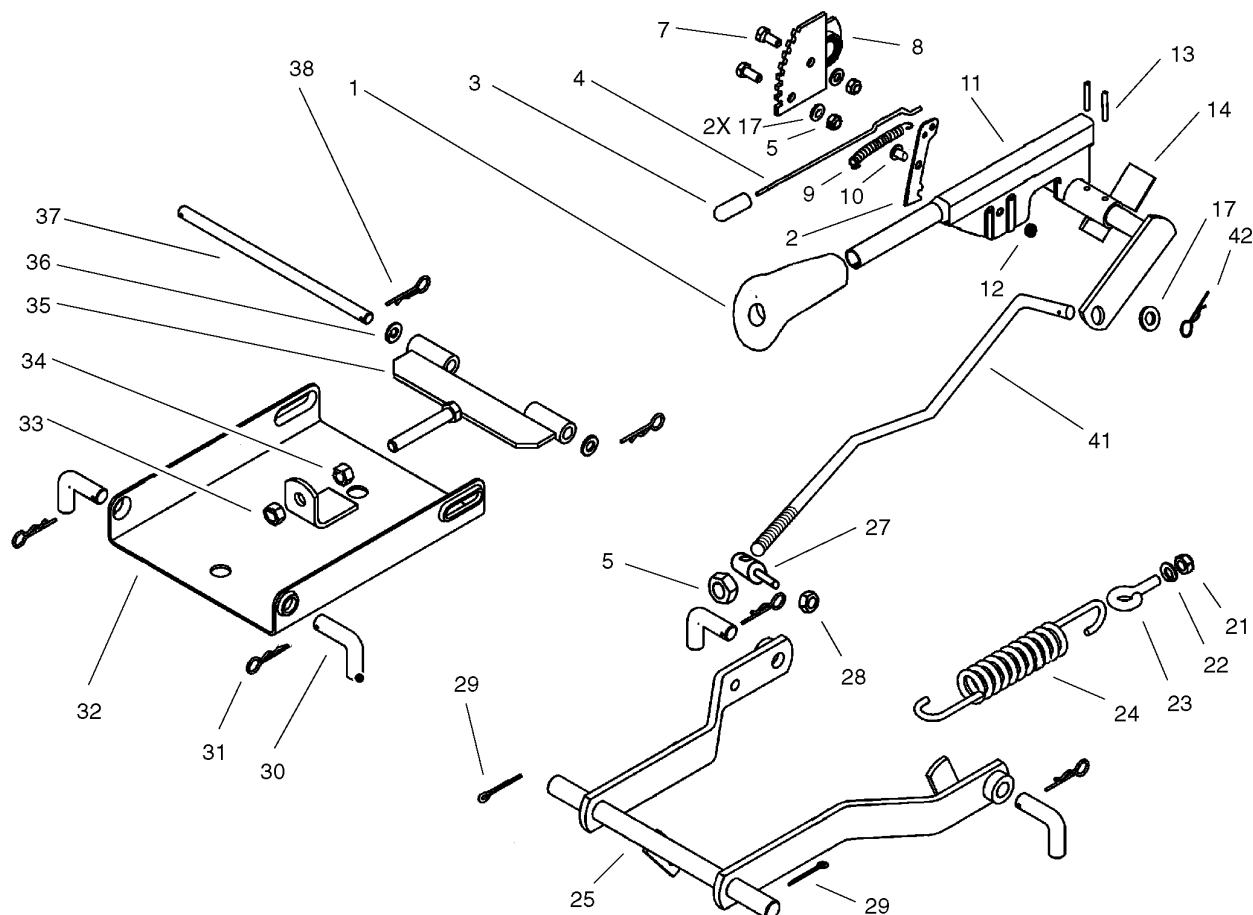
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶ 1	104-3079	1	Cutting System Complete	25	104-3207	2	Stiffener-Blade
2	33115-090	4	Screw-HH	26	93-7824	2	Decal-Danger
3	104-3080	4	Wheel-Gauge	28	106-5767	4	Washer
4	33025-00	4	Nut-Lock				
5	104-3081	1	Mower Housing Complete				
6	104-3082	6	Nut-Lock, HF				
7	104-3083	2	Housing-Quill				
8	33094-00	8	Washer-Plain				
9	33114-020	8	Screw-HH				
10	104-3084	2	Support-Ring				
11	104-3085	6	Bolt-HHF				
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-Shear, Grooved				
20	106-4185	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				



Cutting Pan Assembly

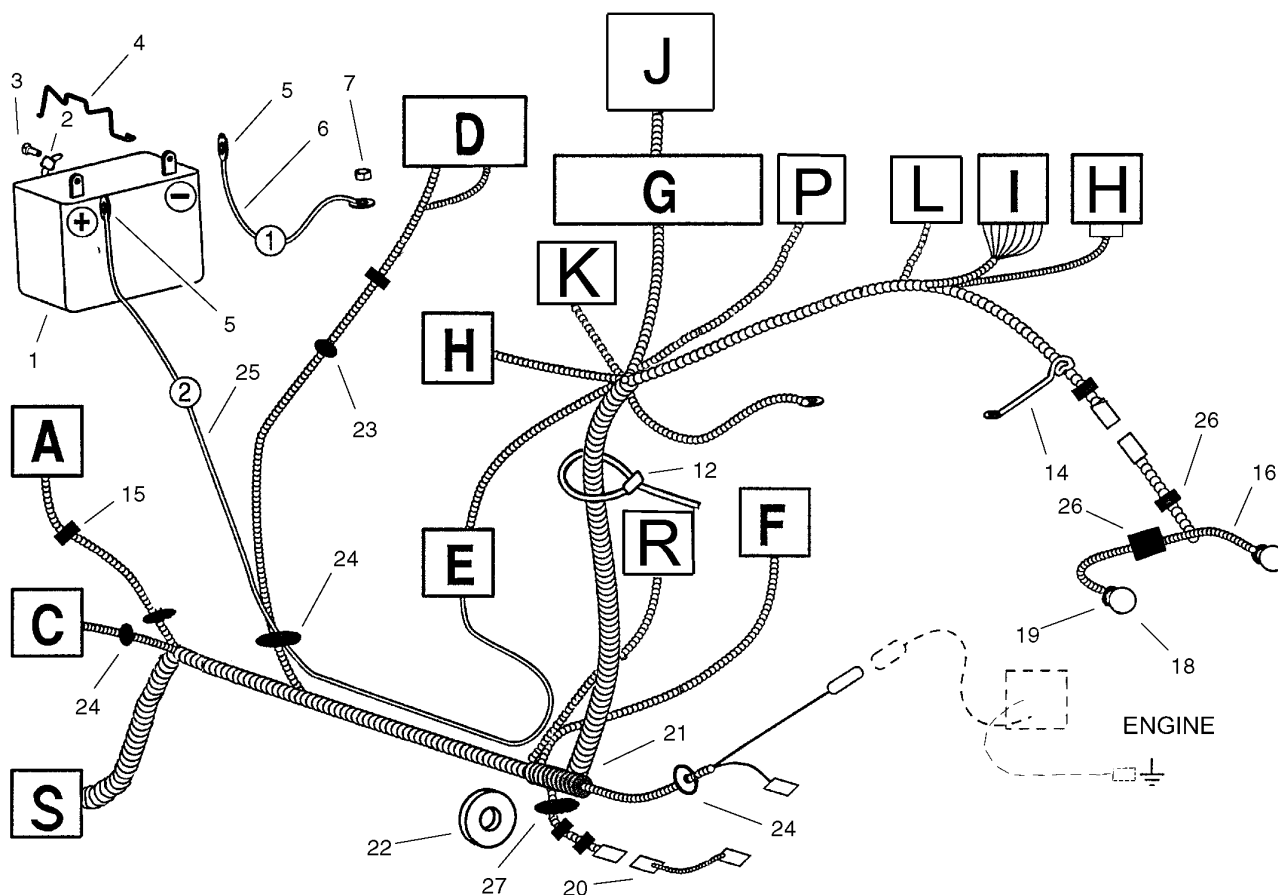
Ref	Part No.	Qty.	Description
40	104-3099	1	Lever-Engagement
41	33024-00	1	Nut-Lock
42	104-3101	1	Spring
43	104-3102	1	Nut-Hex
44	104-2927	1	Washer-Spring
45	104-2946	1	Washer-Plain
46	104-3103	1	Pulley-Idler
47	104-3104	1	Bushing
48	104-3105	1	Retainer-Belt
49	33026-00	6	Nut-Lock
50	104-3106	2	Washer-Flat
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-Pulley, Cog
63	33024-00	1	Nut-Lock

Ref	Part No.	Qty.	Description
64	33094-00	1	Washer-Plain
65	104-3115	1	Support-Pulley
66	104-3116	2	Pulley-Cog, Drive
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	Plate-Anchor
73	104-3118	1	Blade Drive Plate ASM
74	104-2909	1	Washer
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	104-3126	1	V-Belt



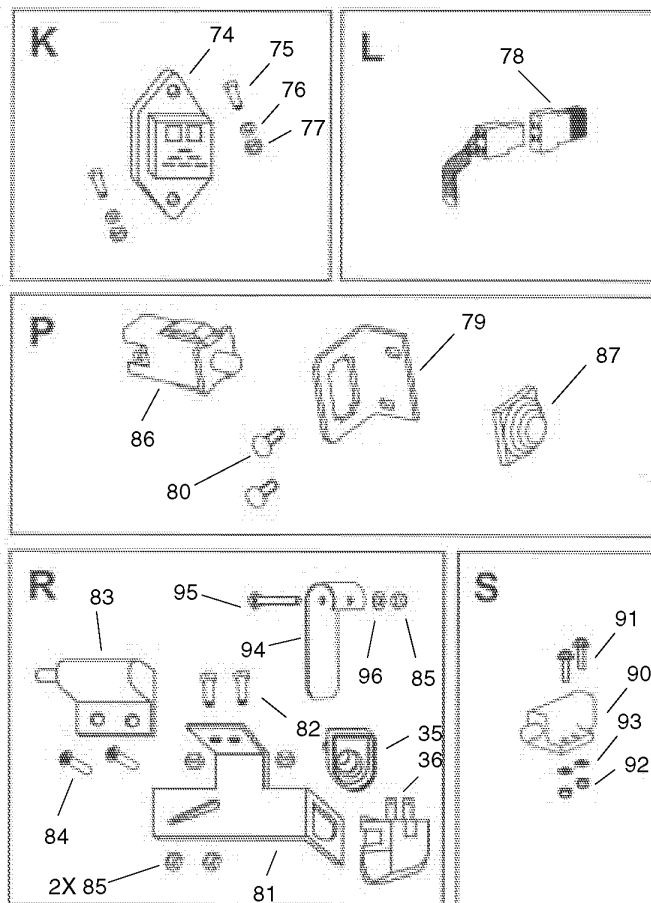
Operation Mower Lift Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-3129	1	Grip-Handle	32	104-3145	1	Suspension-Mower Deck, Front
2	104-3130	1	Ratchet-Plate, Pivot	33	33026-00	1	Nut-Lock
3	104-3131	1	Button-Plunger	34	33016-00	1	Nut-Hex
4	104-3132	1	Rod-Connection	35	104-3146	1	Holder-Front
5	33024-00	3	Nut-Lock	36	104-3124	2	Washer-Flat
7	33114-020	2	Screw-HH	37	104-3147	1	Pin
8	104-3133	1	Segment-Gear	38	104-3148	2	Clip-Hair Pin
9	104-3134	1	Spring	41	104-3149	1	Rod-Height Adj.
10	104-3135	1	Pin-Arm Lever	42	104-3151	1	Pin-Cotter
11	104-3136	1	Lever-Arm, Height Adj.				
12	104-3137	1	Clip-Pin				
13	104-2994	2	Pin-Spring				
14	104-3138	1	Shaft-Height Adj.				
17	33094-00	3	Washer-Plain				
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	2	Pin-Cotter				
30	104-3143	4	Pin-Bent				
31	104-3144	4	Pin-Hair				



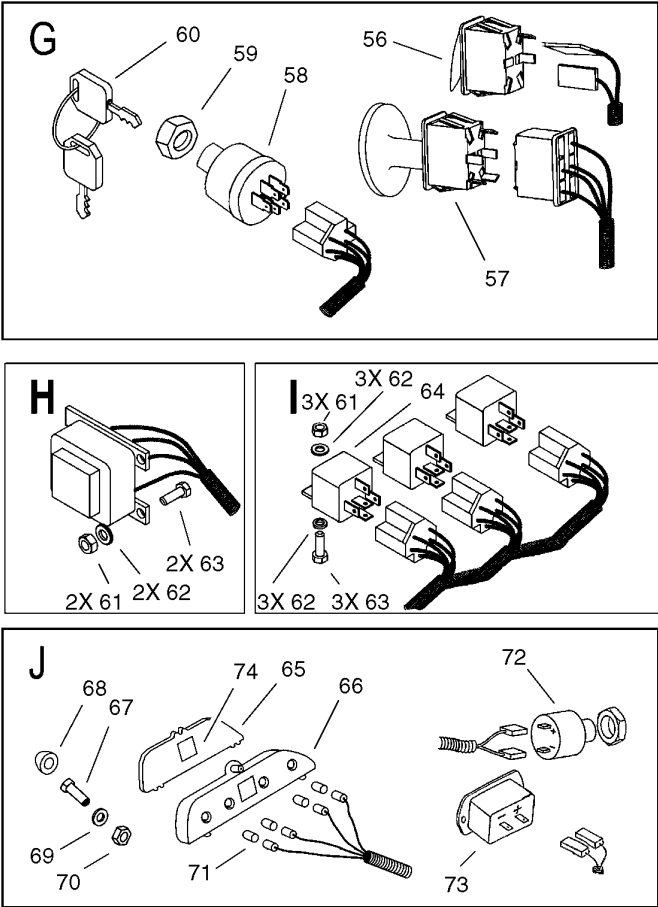
Electrical Assembly

Ref	Part No.	Qty.	Description
1	104-3152	1	Battery-12V
2	32128-32	2	Nut-HHF
3	33113-020	2	Screw-HH
4	104-3153	1	Clamp-Battery
5	104-3154	2	Boot-Rubber
6	104-3155	1	Cable-Battery, Negative
7	33024-00	3	Nut-Lock
12	3334-945	3	Tie-Cable
14	104-3156	1	Holder- Harness, Wiring
15	104-3157	11	Clip-Snap
16	88-4320	1	Harness-Wire, Lights
18	104-3158	2	Bulb-Light
19	104-3159	2	Socket-Light
20	104-3160	1	Harness-Clutch
21	104-3340	1	Harness-Wiring,
22	104-3163	1	Cap
23	104-3164	1	Bushing
24	104-3165	3	Bushing
25	104-3166	1	Cable-Battery Positive
26	104-3167	2	Clip-Nylon
27	104-3168	1	Bushing



Electrical Assembly (continued)

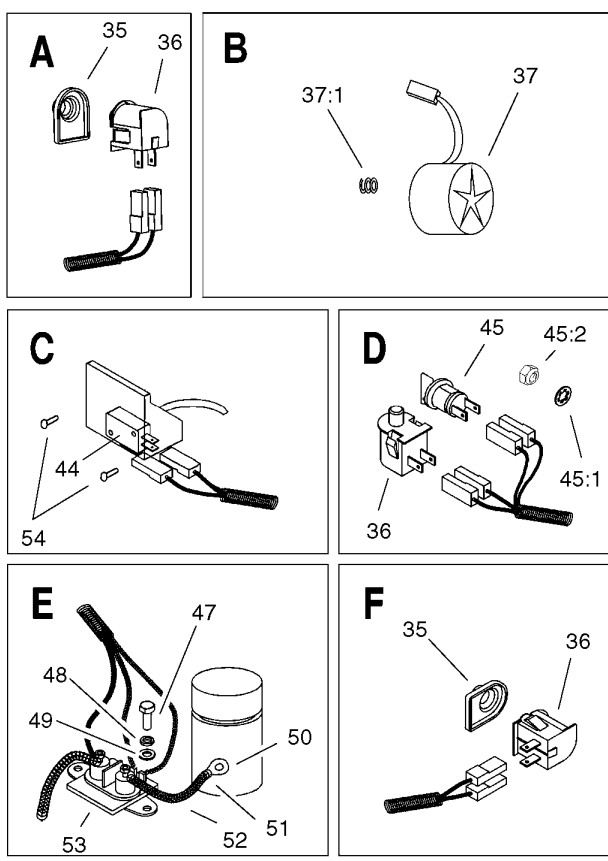
Ref	Part No.	Qty.	Description				
35	104-3178	1	Cover-Protective				
36	104-3179	1	Switch-Delta				
74	99-3701	1	Module-Clutch				
75	60-6910	2	Screw				
76	52-6430	2	Washer				
77	87-5140	2	Nut-Lock				
78	104-3169	1	Circuit-Memory				
79	104-3333	1	Holder-Switch				
80	104-3190	2	Screw				
81	104-3332	1	Holder-Switch				
82	104-2980	2	Screw				
83	95-1653	1	Switch-Pole, Single				
84	104-2983	2	Screw				
85	104-2985	3	Nut-Hex				
86	104-3338	1	Switch-Delta				
87	104-3339	1	Cover-Switch				
90	104-3330	1	Switch-Delta				
91	104-3331	2	Bolt				
92	46-0430	2	Nut-Lock				
93	52-6430	2	Washer				
94	106-5765	1	Lever-Spring				
95	104-3009	1	Screw-Hex				
96	106-5766	1	Washer				



Electrical Assembly (continued)

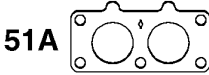
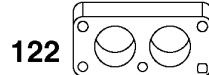
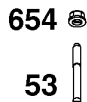
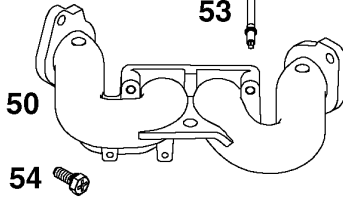
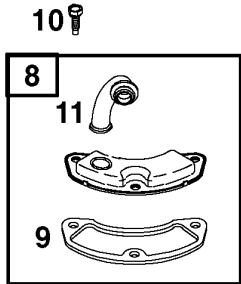
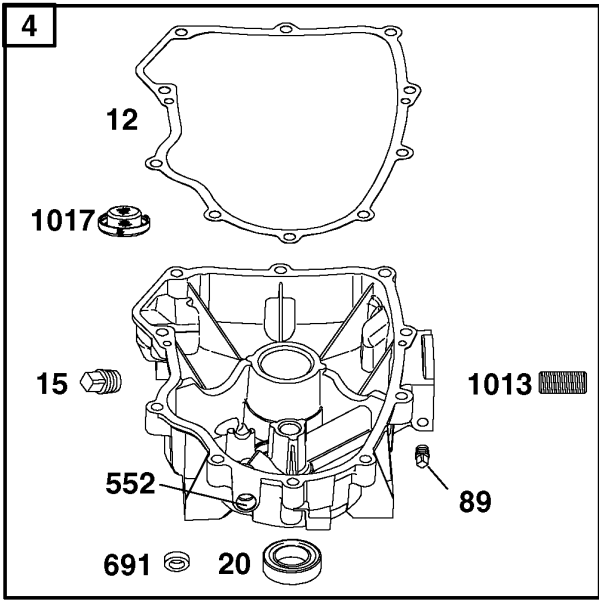
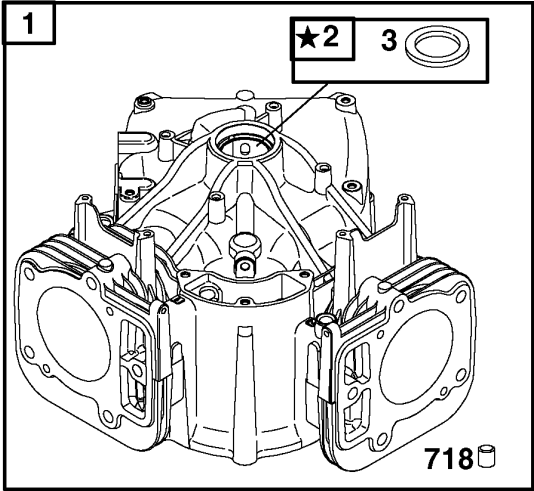
Ref	Part No.	Qty.	Description				
56	93-0527	1	Switch-Cruise				
57	93-9998	1	Switch-PTO				
58	92-6785	1	Switch-Ignition				
59	104-3172	1	Nut-Hex				
60	62-7770	2	Key-Ignition				
61	87-5140	5	Nut-Lock				
62	104-2943	8	Washer-Flat				
63	104-2978	5	Screw-Hex				
64	104-3173	3	Relay				
65	92-6705	1	Lens-Dash				
66	92-6732	1	Housing-Light, Indicator				
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	94-4208	1	Hourmeter				
74	104-2854	1	Decal-Dash				

ELECTRICAL



Electrical Assembly (continued)

Ref	Part No.	Qty.	Description				
35	104-3178	2	Cover-Protective				
36	104-3179	3	Switch-Delta				
37	99-8090	1	Magnet ASM				
37:1	93-6601	1	Spring-Compression				
44	104-3185	1	Switch-Omron				
45	46-5780	1	Switch-Starter				
45:1	3254-5	1	Washer-Tooth				
45:2	218-461	1	Nut-HH				
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-Starter, Electric				
53	104-3189	1	Solenoid				
54	104-3349	2	Screw				



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

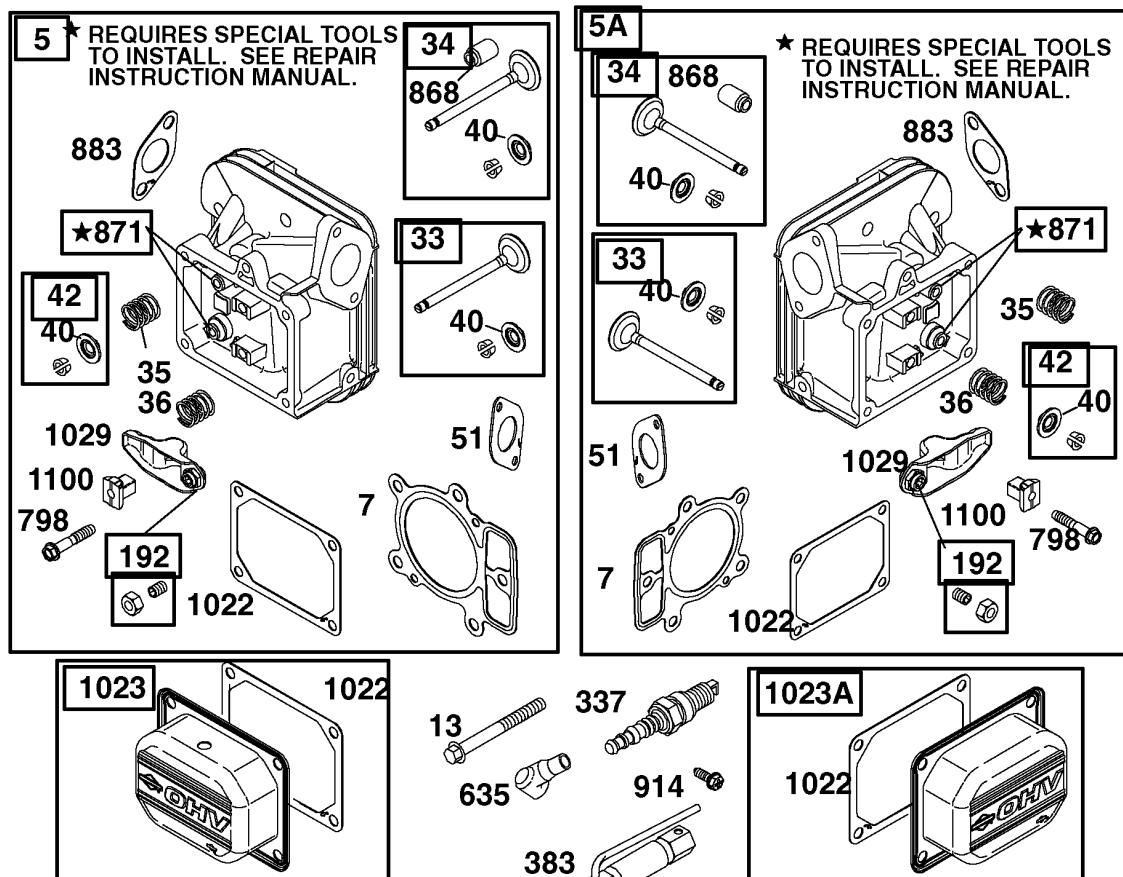
1058 OWNER'S MANUAL

Assemblies include all parts shown in frames.

Cylinder Assembly Engine Briggs and Stratton Model 406777-0157-E1

Ref	Part No.	Qty.	Description
1	690231	1	Cylinder Assembly
2	499585	1	Bushing And Seal Kit
3	391086	1	Seal-Oil
4	690069	1	Sump-Engine
8	499601	1	Breather ASM
9	273370	1	Gasket-Breather
10	690960	1	Screw
11	690942	1	Tube-Breather
12	273488	1	Gasket-Crankcase
15	94239	1	Plug-Pipe
20	690947	1	Seal-Oil
22	690308	1	Screw (Crankcase Cover/Sump)
50	690948	1	Manifold-Intake
51	273487	1	Gasket-Intake
51A	690950	1	Gasket-Intake
53	690951	1	Stud
54	94913	1	Screw-Torx Hex
89	690283	1	Plug-Oil
122	690952	1	Spacer-Carburetor
239	491657	1	Switch-Oil Pressure
250	690957	1	Retainer-Breather
252	690956	1	Collector-Oil

Ref	Part No.	Qty.	Description
552	690552	1	Bushing-Crank, Governor
654	94010	1	Nut
691	690657	1	Seal-Shaft, Governor
718	230192	1	Pin-Dowel
1013	690954	1	Nipple-Filter, Oil
1017	690770	1	Screen-Pump, Oil
1058	274277	1	Owner-S Manual

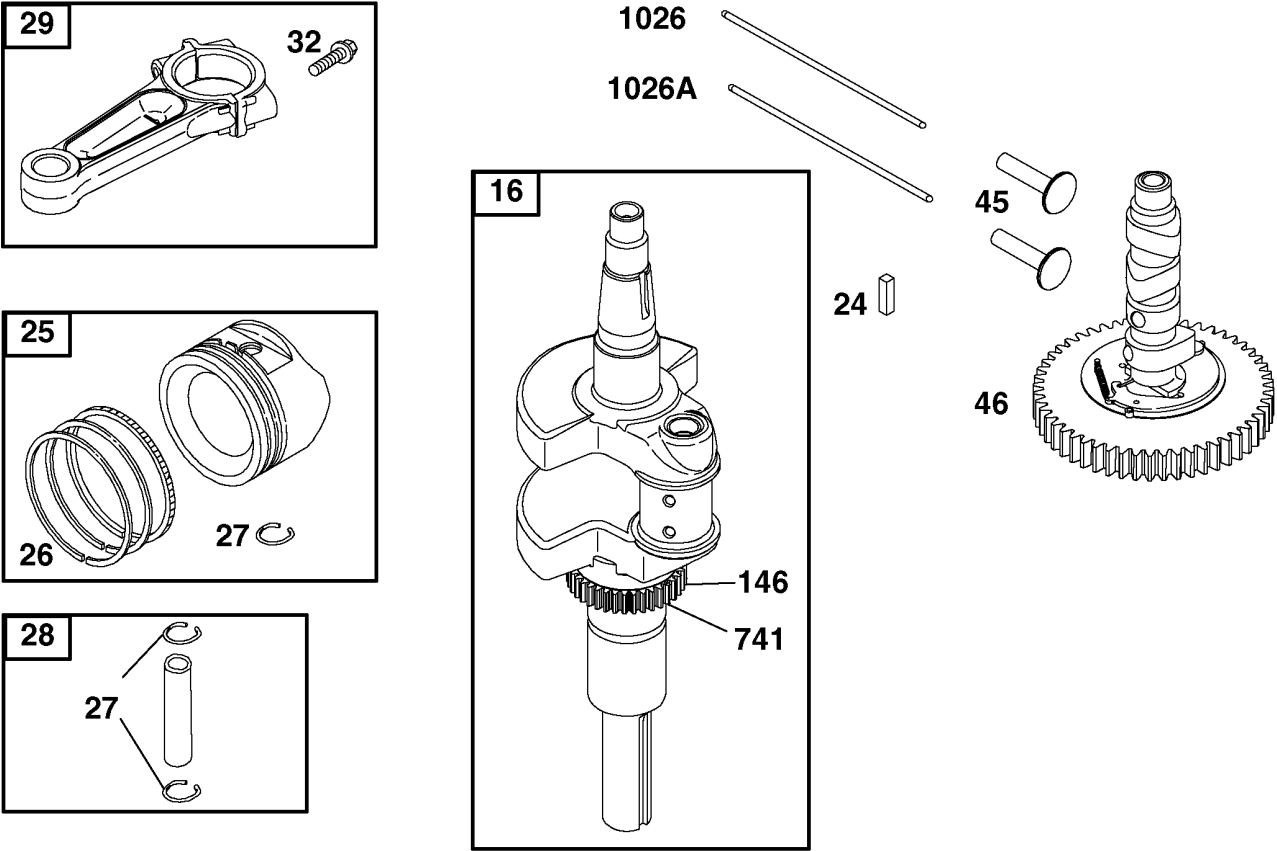


Assemblies include all parts shown in frames.

Cylinder Head Assembly Engine Briggs and Stratton Model 406777-0157-E1

Ref	Part No.	Qty.	Description
5	499587	1	Head-Cylinder(Cylinder #1)
5A	499595	1	Head-Cylinder (Cylinder #2)
857	690962	1	Gasket-Head, Cylinder
13	690360	1	Screw
33	499596	1	Valve-Exhaust
34	499597	1	Valve-Intake
35	690963	1	Spring-Valve
36	690963	1	Spring-Valve
40	263215	1	Retainer-Valve
42	499586	1	Keeper-Valve
8451	273487	1	Gasket-Intake
5			
192	690083	1	Adjuster-Arm, Rocker
337	691043	1	Spark Plug
383	19374	1	Wrench-Spark Plug
635	66538	0	Boot-Plug, Spark
798	690967	1	Screw (Rocker Arm)
85868	690968	1	Seal-Valve
871	690969	1	Bushing-Valve Guide
85883	690970	1	Gasket-Exhaust
914	690960	1	Screw
851022	273486	1	Gasket-Rocker Cover
1023	499599	1	Cover-Rocker
1023A	499600	1	Cover-Arm, Rocker

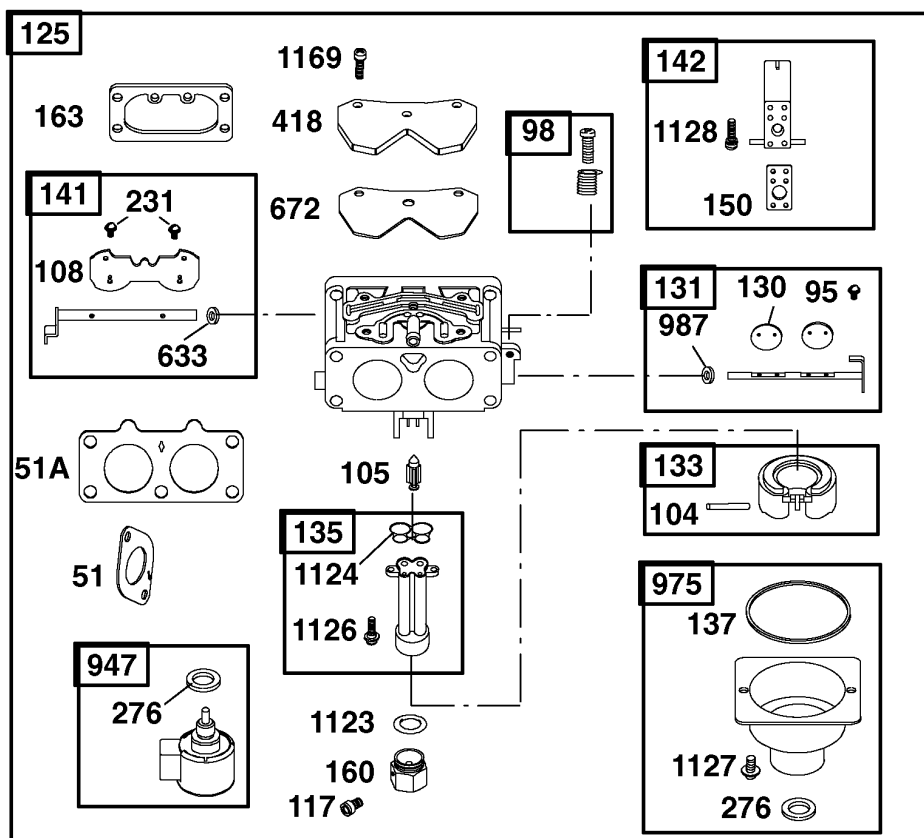
Ref	Part No.	Qty.	Description
1029	690972	1	Arm-Rocker
1100	690973	1	Pivot-Arm, Rocker



Assemblies include all parts shown in frames.

**Crankshaft Assembly Engine Briggs and Stratton Model
406770-0157-E1**

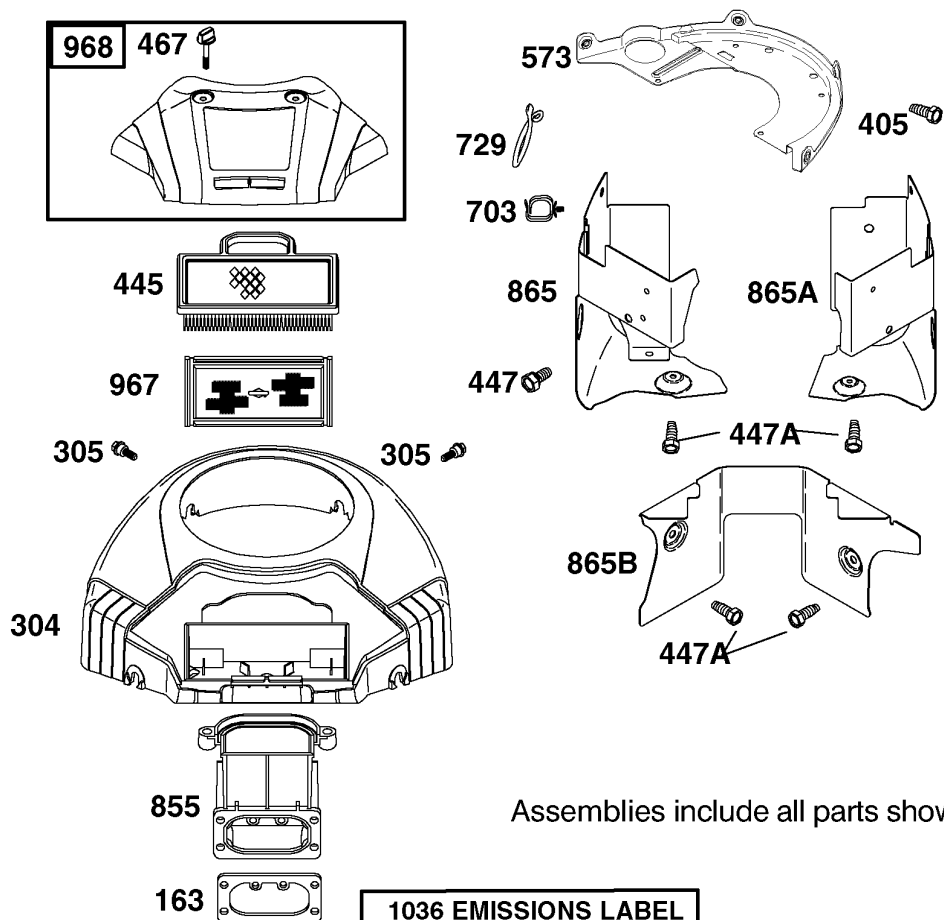
Ref	Part No.	Qty.	Description				
16	691046	1	Crankshaft				
24	222698	1	Key				
25	499588	1	Piston ASM (Standard)				
	499589	1	Piston Assembly (.010 Oversize)				
	499590	1	Piston ASM (.020In Oversize)				
	499591	1	Piston Assembly (.030 Oversize)				
26	499604	1	Ring Set (Standard)				
	499605	1	Ring Set (.010 Oversize)(Connecting Rod)				
45	262679	1	Tappet-Valve				
46	690978	1	Camshaft				
146	94388	1	Key-Timing				
741	690980	1	Gear-Timing				
1026	690981	1	Rod-Push (Steel)				
1026A	690982	1	Rod-Push (Aluminum)				



Assemblies include all parts shown in frames.

Carburetor Assembly Engine Briggs and Stratton Model 406777-0157-E1

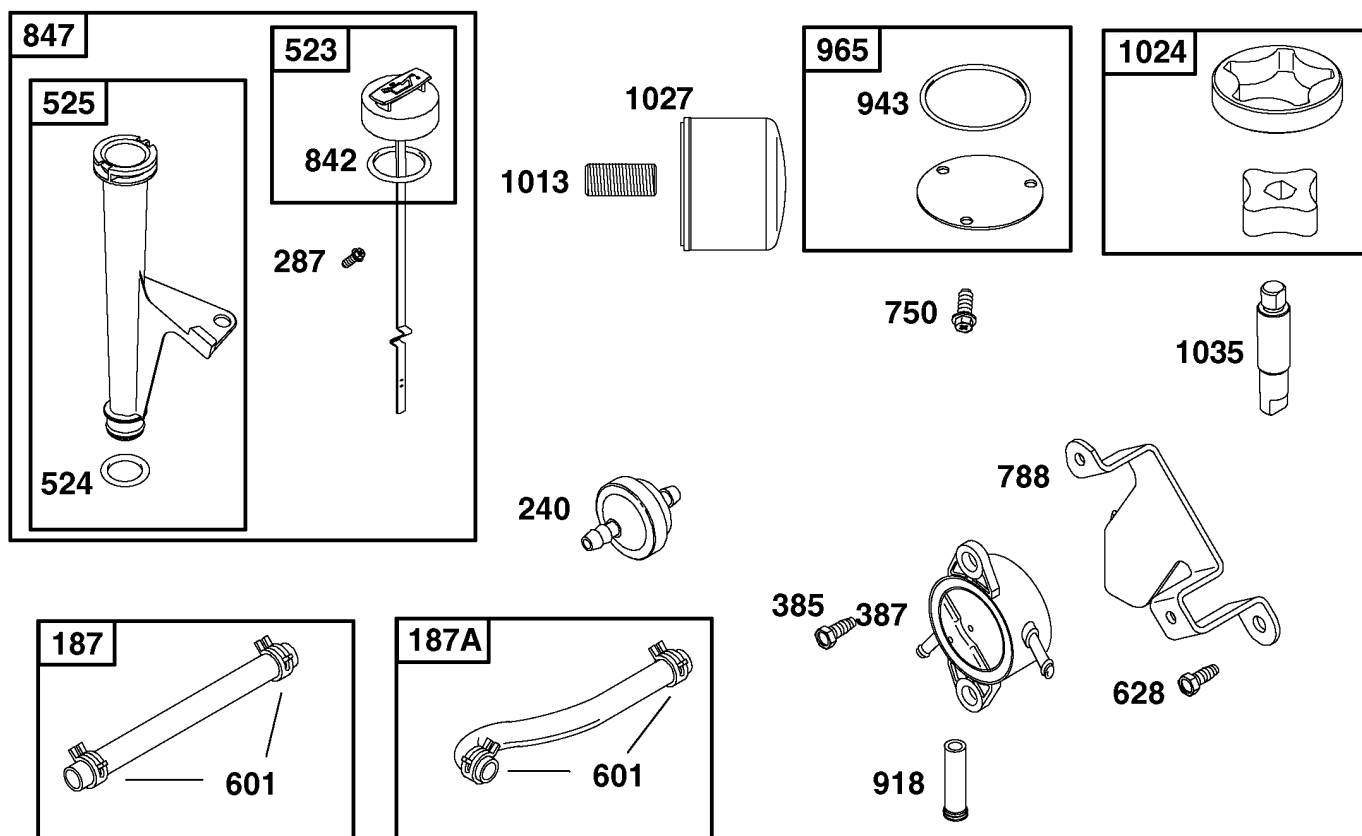
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
3 4 51	273487	1	Gasket-Intake	418	690999	1	Plate-Cover, Carburetor
5				4 6 633	690998	1	Seal-Shaft, Choke
3 4 51A	690950	1	Gasket-Intake	4 6 672	690234	1	Gasket-Cover Plate, Carburetor
6				947	499809	1	Solenoid-Fuel
95	690718	1	Screw	975	499810	1	Bowl-Float
98	499802	1	Idle Speed Kit	4 6 987	691000	1	Seal-Shaft, Throttle
4 104	690984	1	Guard-Muffler	4 6 1123	690987	1	O-Ring Seal (Solenoid Retainer)
4 105	690985	1	Valve-Float, Needle	4 6 1124	690988	1	Seal-O Ring
108	690986	1	Valve-Choke	1126	690991	1	Screw
4 117	690232	1	Jet-Main	1127	690992	1	Screw (Float Bowl)
	690989	1	Jet-Main(High Altitude)	4 1128	690990	1	Screw
125	499804	1	Carburetor	4 1169	690990	1	Screw
130	690993	1	Valve-Throttle				
131	499805	1	Throttle Shaft Kit				
133	499806	1	Float-Carburetor				
135	499803	1	Tube-Fuel Transfer				
4 6 137	690994	1	Gasket-Bowl, Float				
141	499807	1	Kit-Choke Shaft				
142	D499808	1	Nozzle-Carburetor				
4 6 150	690995	1	Gasket-Nozzle				
160	690996	1	Retainer-Solenoid				
3 5 163	273640	1	Gasket-Air Cleaner				
231	690718	1	Screw				
3 4 276	690997	1	Washer-Sealing				
6							



Assemblies include all parts shown in frames.

Blower Housing Assembly Engine Briggs and Stratton Model 406777-0157-E1

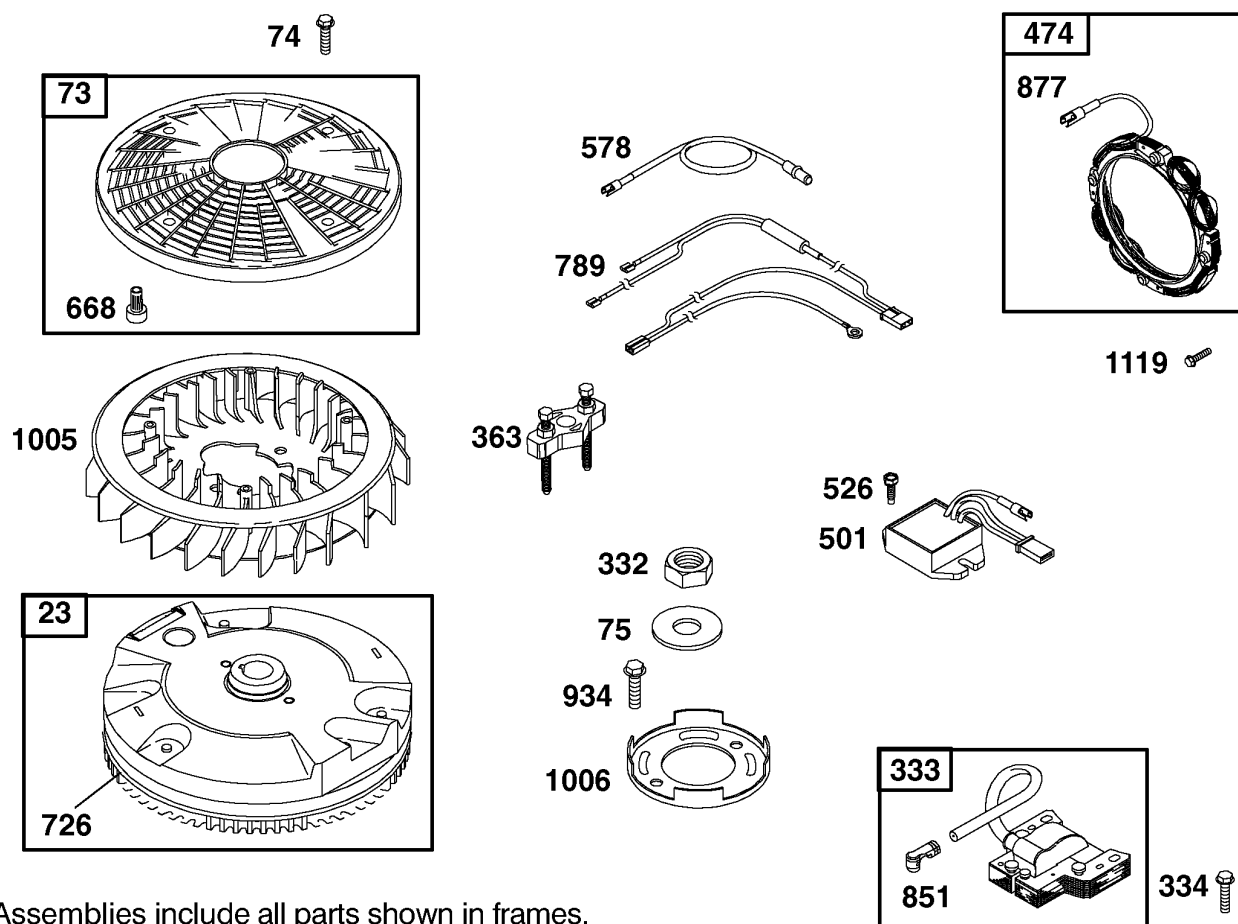
Ref	Part No.	Qty.	Description
99163	273640	1	Gasket-Air Cleaner
304	691004	1	Housing-Blower
305	691005	1	Screw
405	690960	1	Screw
445	499486	1	Filter-Cartridge, Air Cleaner
447	94930	1	Screw-Hex
447A	690960	1	Screw
467	691008	1	Knob-Cleaner, Air
573	691009	1	Plate-Back
703	691010	1	Clip
729	694123	1	Clip-Wire
855	691011	1	Adapter-Air
865	691012	1	Cover-Guide, Air
865A	691014	1	Cover-Guide, Air (Cylinder 2)
865B	691015	1	Cover-Guide, Air (Valley)
967	273638	1	Filter-Pre Cleaner
968	499788	1	Cover-Air Cleaner
1036	694390	1	Emission Label



Assemblies include all parts shown in frames.

Oil Filter, Tube, and Pump Assembly Engine Briggs and Stratton Model 406777-0157-E1

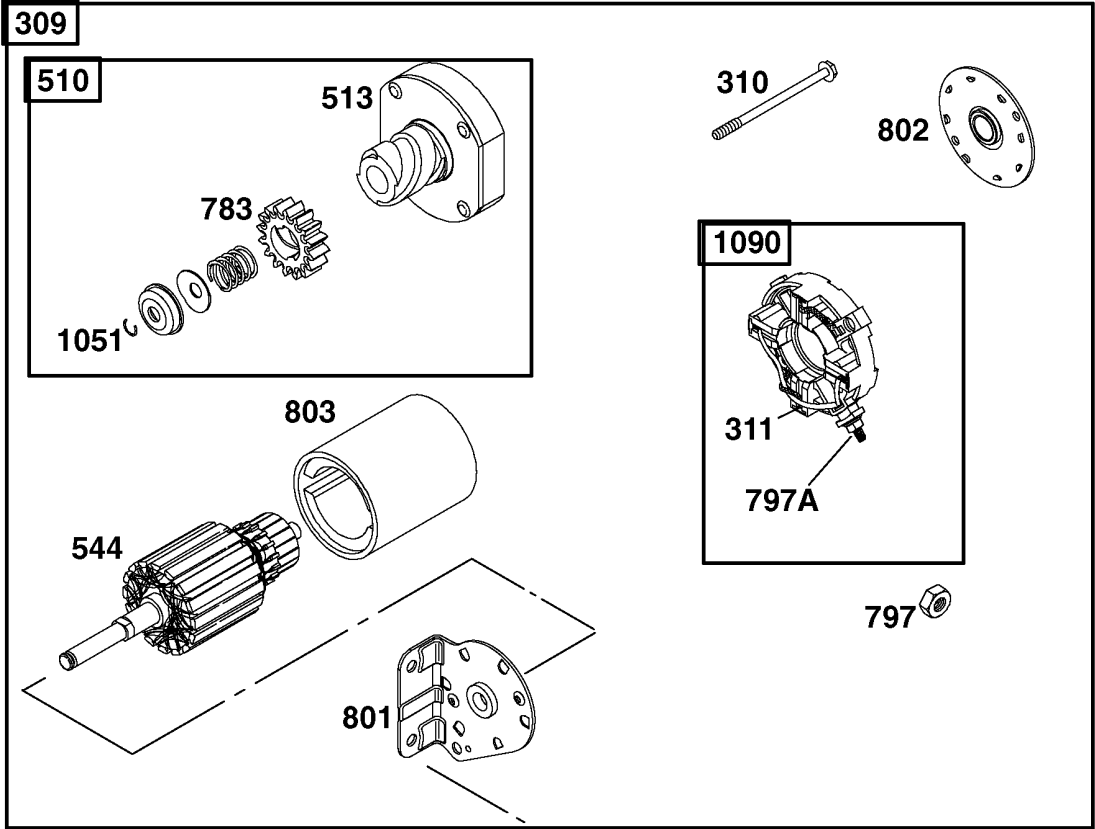
Ref	Part No.	Qty.	Description
187	398367	1	Hose-Fuel
187A	691049	1	Line-Fuel (Molded)
240	691035	1	Filter-Fuel
287	690960	1	Screw
385	690960	1	Screw
387	808656	1	Pump-Fuel
523	691036	1	Dipstick
524	691032	1	Seal-O Ring
525	691037	1	Tube-Dipstick
601	95162	1	Clamp-Hose
628	690960	1	Screw
750	691033	1	Screw
788	691039	1	Bracket-Pump, Fuel
842	280393	1	O-Ring Seal
847	499602	1	Dipstick And Tube ASM
918	694000	1	Hose-Vacuum
943	690589	1	Seal-O Ring
965	499613	1	Cover-Pump, Oil
1013	690954	1	Nipple-Filter, Oil
1024	499054	1	Pump-Oil
1027	492932	1	Filter-Oil
1035	691042	1	Shaft-Pump, Oil



Assemblies include all parts shown in frames.

Flywheel Assembly Engine Briggs and Stratton Model 406777-0157-E1

Ref	Part No.	Qty.	Description				
23	691053	1	Flywheel				
73	691055	1	Screen-Rotating				
74	691057	1	Screw (Rotating Screen)				
75	691056	1	Washer				
332	230674	1	Nut-Hex				
333	691060	1	Armature-Magneto				
334	691061	1	Screw				
363	691062	1	Puller-Flywheel				
474	392595	1	Alternator				
501	491546	1	Regulator				
526	691129	1	Screw				
578	691208	1	Wire ASM				
668	691215	1	Spacer				
726	499612	1	Gear-Ring				
789	691220	1	Harness-Wiring				
851	493880	1	Terminal-Spark Plug				
877	393537	1	Connector-Wire, Tri Circuit				
934	94627	1	Screw				
1005	691243	1	Fan-Flywheel				
1006	691247	1	Retainer-Fan				
1119	93621	1	Screw				

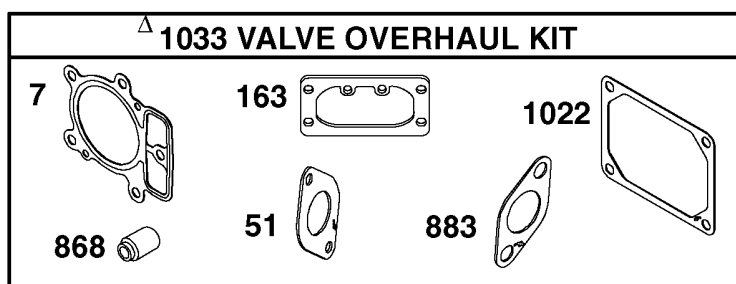
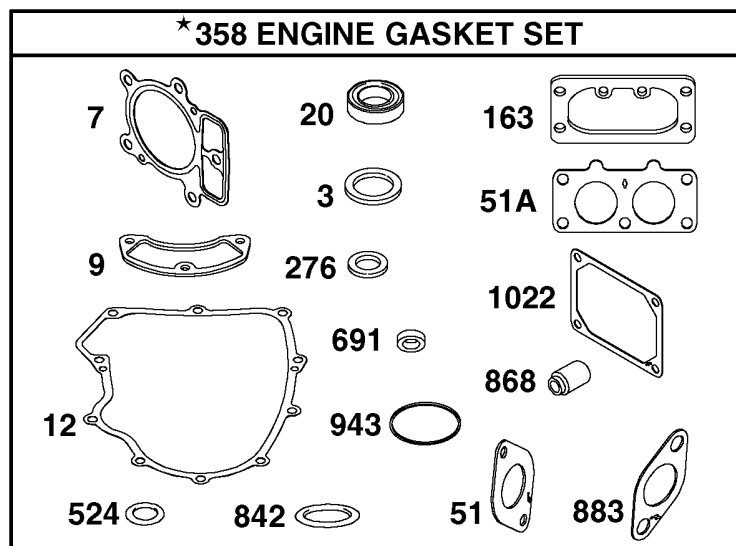
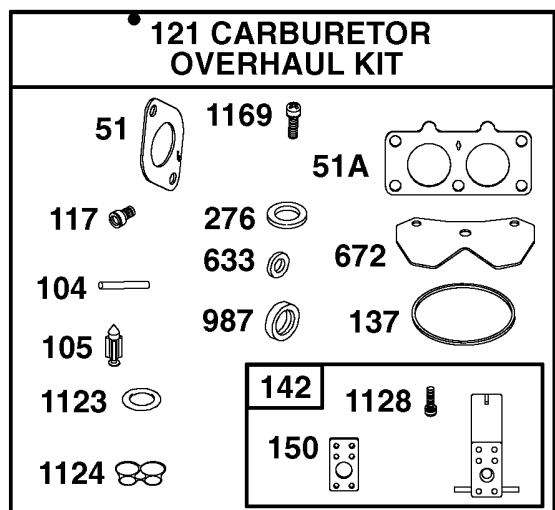
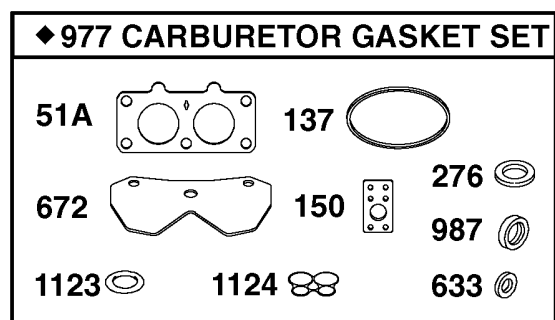


Assemblies include all parts shown in frames.



Starter Assembly Engine Briggs and Stratton Model 406777-0157-E1

Ref	Part No.	Qty.	Description				
309	691262	1	Motor-Starter				
310	691263	1	Bolt				
311	497608	1	Brush Set				
510	497606	1	Drive-Starter				
513	398003	1	Clutch ASM				
544		1	Starter Armature(Serviced By 691262 Starter Motor Only)				
697	690372	1	Screw				
783	693058	1	Gear-Pinion				
797	92278	1	Nut-Hex				
797A	693167	1	Nut				
801	691283	1	Cap-Drive				
802	497607	1	Cap-End				
803		1	Starter Housing(Serviced By 691262 Starter Motor Only)				
1051	263080	1	Retainer				
1090	497605	1	Cap-End				



Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly Engine Briggs and Stratton Model 406777-0157-E1

Ref	Part No.	Qty.	Description
3	391086	1	Seal-Oil
5 7	690962	1	Gasket-Head, Cylinder
9	273370	1	Gasket-Breather
12	273488	1	Gasket-Crankcase
20	690947	1	Seal-Oil
4 51	273487	1	Gasket-Intake
5 4 51A	690950	1	Gasket-Intake
6 104	690984	1	Guard-Muffler
105	690985	1	Valve-Float, Needle
117	690232	1	Jet-Main
121	499811	1	Carburetor Overhaul Kit
4 6 137	690994	1	Gasket-Bowl, Float
142	499808	1	Nozzle-Carburetor
4 6 150	690995	1	Gasket-Nozzle
5 4 163	273640	1	Gasket-Air Cleaner
5 4 276	690997	1	Washer-Sealing
6 358	499889	1	Engine Gasket Set
5 524	691032	1	Seal-O Ring
4 6 633	690998	1	Seal-Shaft, Choke
4 6 672	690234	1	Gasket-Cover Plate, Carburetor
691	690657	1	Seal-Shaft, Governor
842	280393	1	O-Ring Seal

Ref	Part No.	Qty.	Description
5 5 868	690968	1	Seal-Valve
5 5 883	690970	1	Gasket-Exhaust
943	690589	1	Seal-O Ring
977	499812	1	Carburetor Gasket Set
4 6 987	691000	1	Seal-Shaft, Throttle
5 5 1022	273486	1	Gasket-Rocker Cover
1033	499890	1	Valve Overhaul Kit
4 6 1123	690987	1	O-Ring Seal (Solenoid Retainer)
4 6 1124	690988	1	Seal-O Ring
1128	690990	1	Screw
1169	690990	1	Screw

