Form Number 3354-331 Rev B

21in Heavy-Duty Recycler®
Rear Bagger Lawnmower

Model No. 22177 - 260000001 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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Contents

Description	Page
Housing, Chute and Wheel Assembly	3
Housing Assembly No. 98-7146	4
Front Wheel and Tire Assembly No. 100-2870	5
Gear Case Assembly No. 74-1861	6
Engine and Blade Assembly	7
Fuel Hose and Tank Assembly	8
Handle Assembly	9
Control Panel Assembly	10
Rear Drive and Wheel Assembly	11
Rear Wheel Assembly No. 100-2860	12
Grass Bag Assembly No. 106-0975	13
Cylinder and Crankcase Assembly	14
Piston and Crankshaft Assembly	15
Valve and Camshaft Assembly	16
Lubrication Equipment Assembly	17
Cooling Equipment Assembly	18
Electrical Equipment Assembly	19
Control Equipment Assembly	20
Carburetor Assembly	21
Air Filter and Muffler Assembly	22
Starter Assembly	23

Part Description Abbreviations

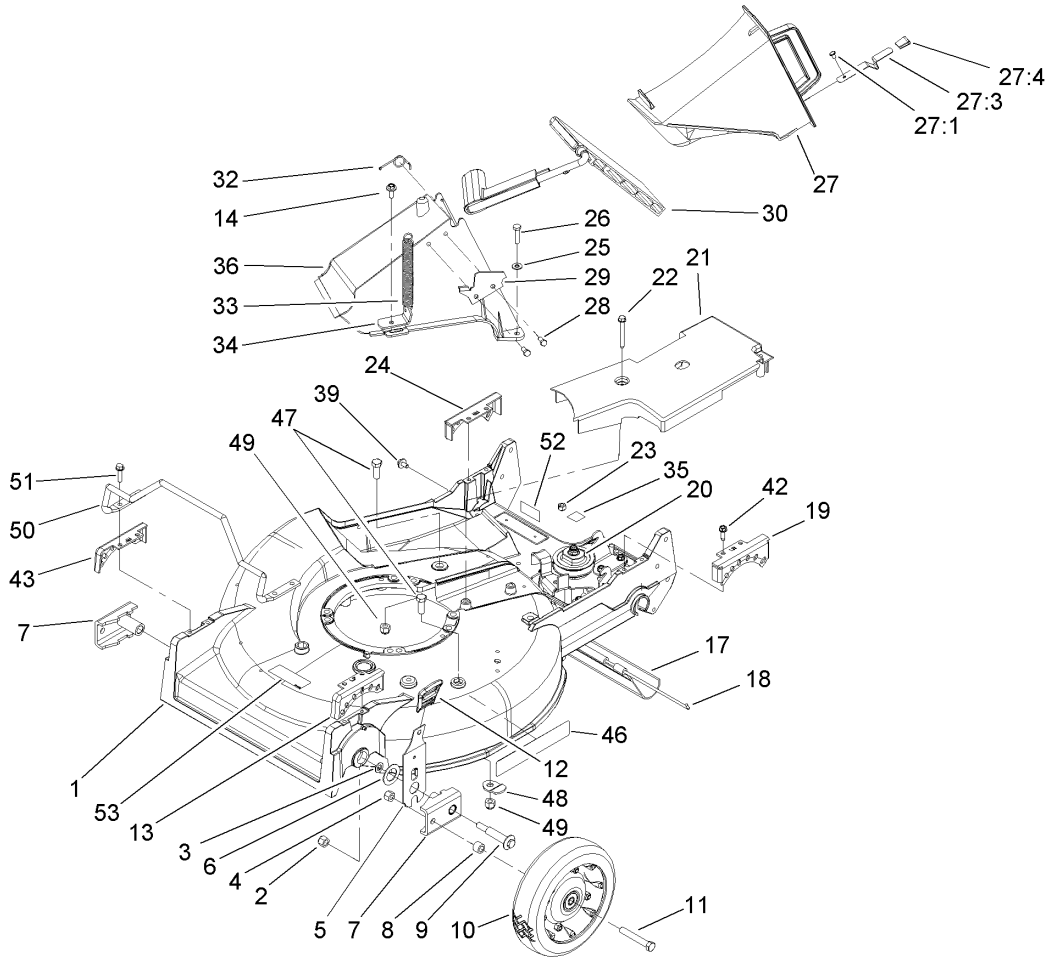
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

❶ Not illustrated

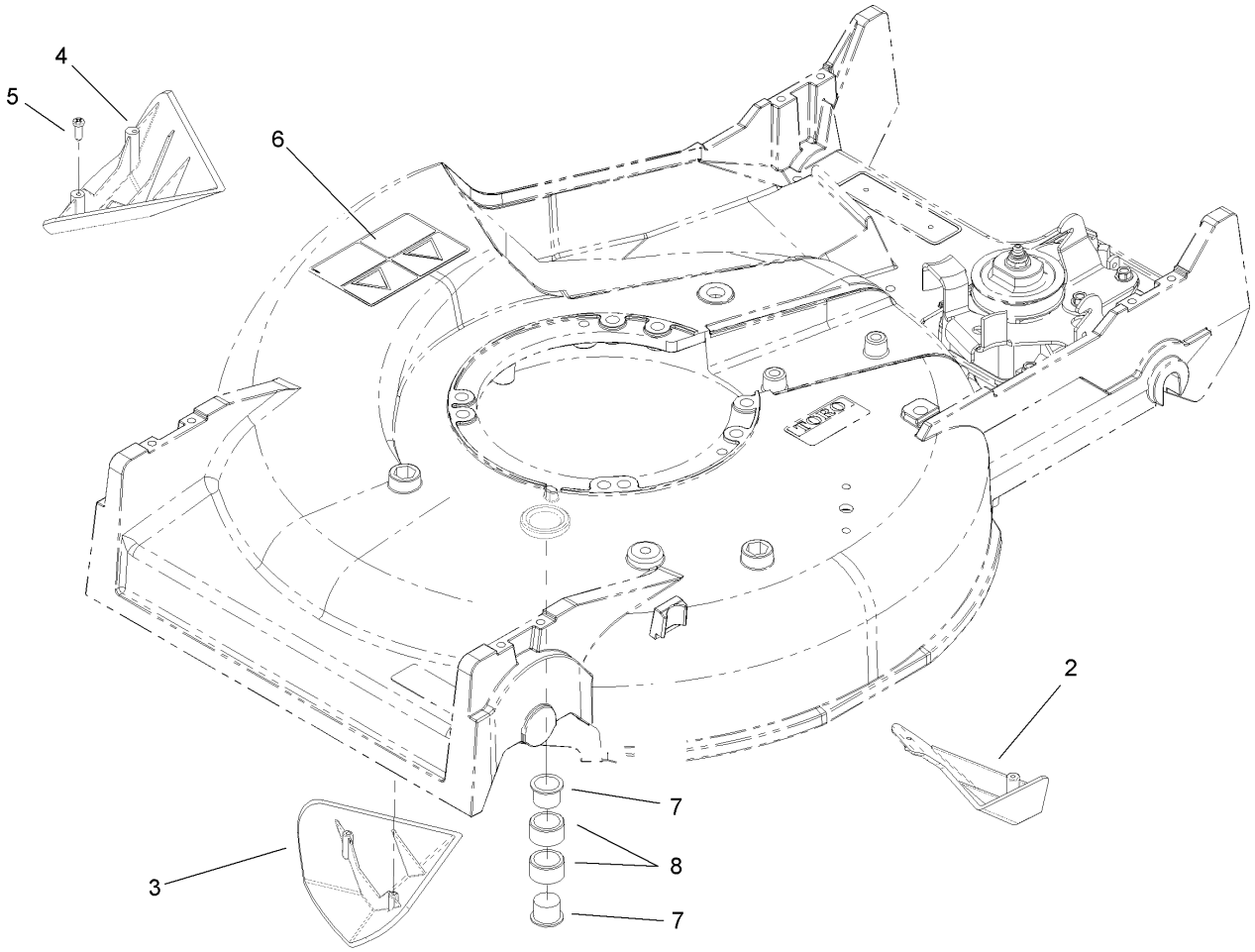
❷ Not serviced separately



Housing, Chute and Wheel Assembly

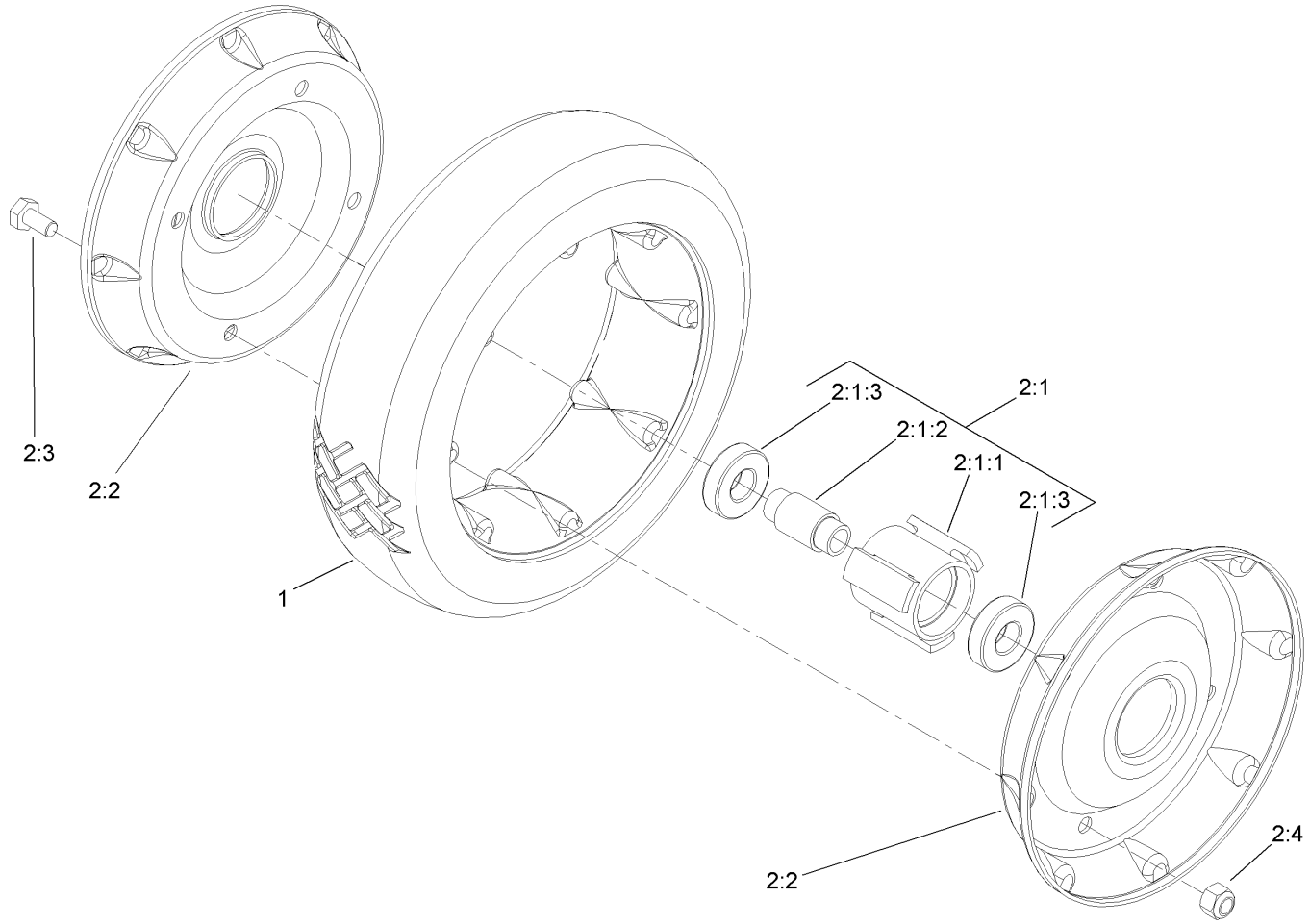
Ref	Part No.	Qty.	Description
1	98-7146	1	Housing
2	3296-6	2	Nut-Lock
3	40-1940	2	Washer
4	32152-2	2	Nut-Lock, Cone
5	110-0537	2	Spring Arm ASM
6	257-3	2	Washer-Thrust
7	61-8300	2	Arm-Pivot, Front
8	52-2480	2	Spacer-Wheel
9	27-6232	2	Bolt-Wheel
10	100-2870	2	Wheel And Tire ASM
11	323-12	2	Screw-HH
12	110-0549	2	Knob-HOC
13	49-8760	1	Quadrant-Front, LH
14	46-6811	1	Screw-HWH
17	44-0580	1	Shield-Trailing
18	33-3208	1	Rod-Shield
19	49-8740	1	Quadrant-Rear, LH
20	74-1861	1	Gear Case ASM
21	74-1770	1	Cover-Belt
22	37-7260	2	Screw-HH
23	3296-42	2	Nut-Lock, NI
24	49-8750	1	Quadrant-Rear, RH
25	3256-22	2	Washer-Flat
26	321-8	2	Screw-HH

Ref	Part No.	Qty.	Description
27	77-0500	1	Discharge Plug ASM
27:1	3295-35	1	Rivet-Head, Flat
27:3	76-4640	1	Latch-Plug, Discharge
27:4	76-4650	1	Grip-Latch
28	46-8090	2	Screw-Plastite
29	93-3154	1	Latch-Plate
30	93-7351	1	Discharge Door ASM
32	80-3770	1	Retainer-Door
33	76-4660	1	Spring-Door
34	71-9350	1	Bracket-Spring
35	52-2620	1	Label-Grease
36	82-9152	1	Tunnel-Discharge
39	46-6810	1	Screw And Washer ASM
42	49-2040	4	Screw-HWHTF
43	49-8770	1	Quadrant-Front, RH
46	106-0689	1	Decal
47	323-6	3	Screw-HH
48	84-8930	3	Shield-Retainer
49	3296-39	3	Nut-Lock, NI
50	99-6722	1	Guard-Engine
51	32144-86	4	Screw-HWHTF
52	92-1779	1	Decal-Warning
53	68-7410	1	Decal-Blade



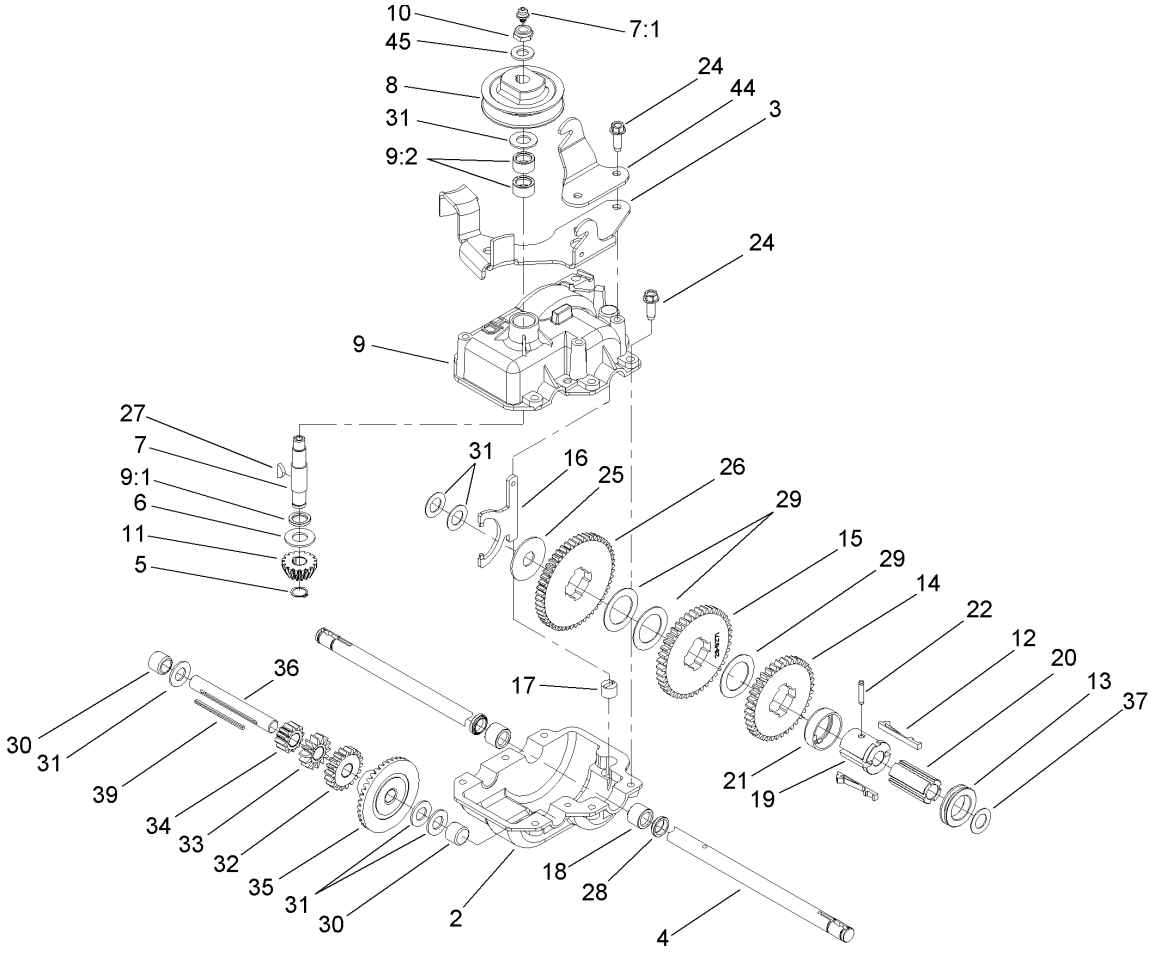
Housing Assembly No. 98-7146

Ref	Part No.	Qty.	Description
2	92-1750	1	Kicker-Rear
3	92-1720	1	Kicker-Front
4	92-1730	1	Kicker-RH
5	32144-111	6	Screw-PPH
6	93-6654	1	Decal-Danger
7	2410-72	2	Caplug
8	68-9780	2	Bearing



Front Wheel and Tire Assembly No. 100-2870

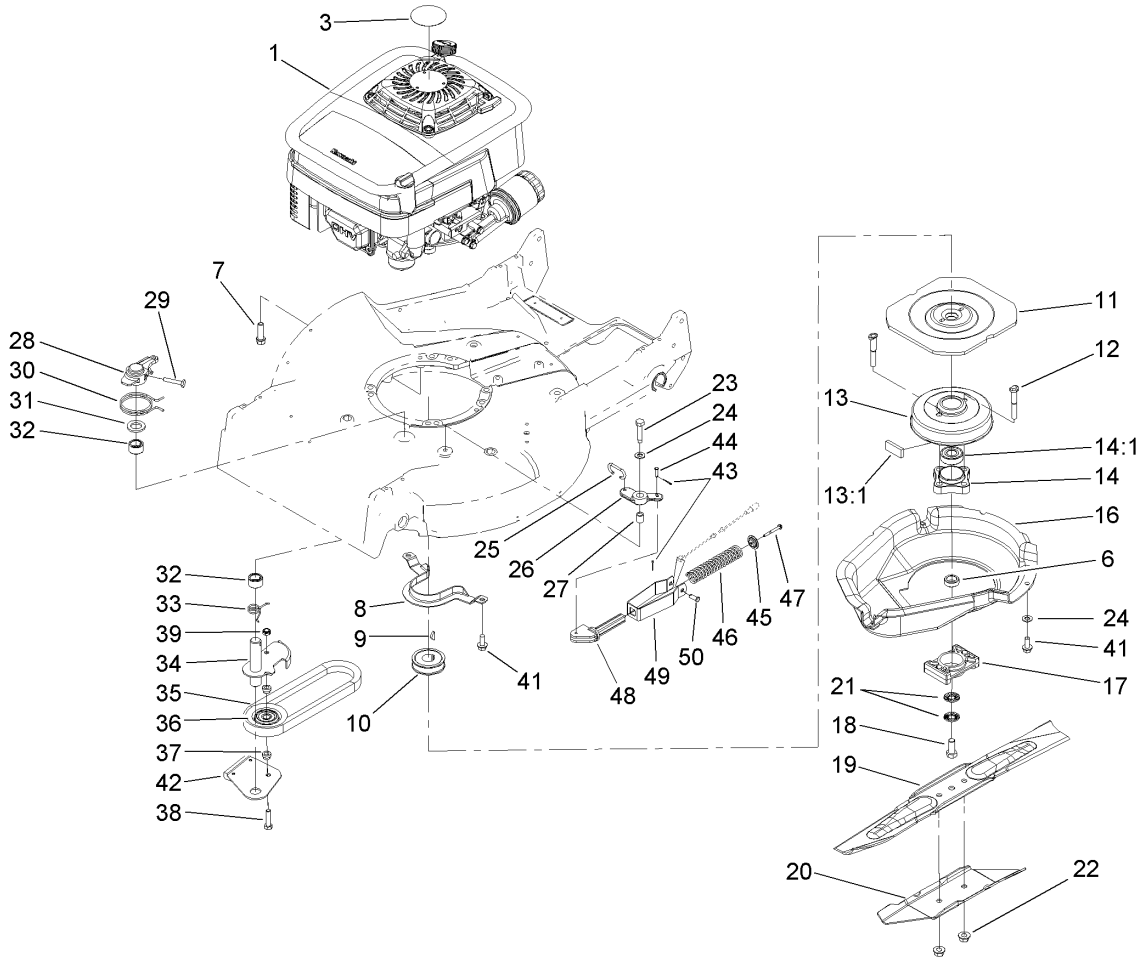
Ref	Part No.	Qty.	Description
1	53-7740	1	Tire
❷2		1	Wheel ASM
❷2:1		1	Hub And Bearing ASM
2:1:1	52-2410	1	Hub-Bearing
2:1:2	52-2440	1	Spacer-Bearing
2:1:3	52-2450	2	Bearing-Wheel
2:2	53-7780-06	2	Plate-Wheel, Half
2:3	321-2	4	Screw-HH
2:4	3296-42	4	Nut-Lock, NI



Gear Case Assembly No. 74-1861

Ref	Part No.	Qty.	Description
2	74-1920	1	Case-Gear, Lower
3	49-8461-03	1	Bracket-Guide, Belt
4	74-1890	1	Shaft-Output
5	32151-57	1	Ring-Retaining
6	47-2910	1	Washer-Thrust
7	13-5149	1	Input Shaft ASM
7:1	302-63	1	Zerk
8	39-6740	1	Pulley
9	13-9739	1	Upper Gearcase ASM
9:1	47-7260	1	Seal
9:2	47-7270	2	Bearing
10	3296-5	1	Nut-Lock
11	39-6660	1	Pinion-Bevel
12	29-9330	2	Key-Shift
13	29-9340	1	Collar-Shift
14	42-4740	1	Gear-38T
15	29-9271	1	Gear-42T
16	60-8870	1	Yoke-Shift
17	29-9570	1	Bushing-Yoke
18	47-6730	2	Seal-Oil
19	55-8010	1	Sleeve-Gear
20	39-6720	1	Sleeve
21	55-8020	1	Retainer-Key
22	3285-19	1	Pin-Groove

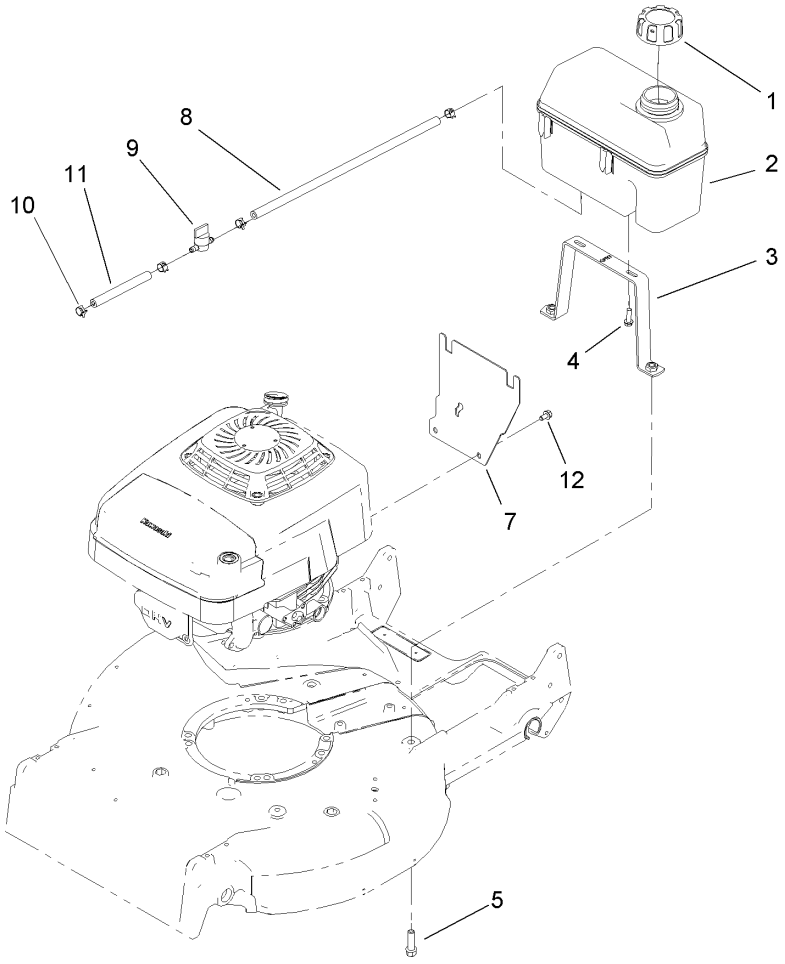
Ref	Part No.	Qty.	Description
24	49-2040	6	Screw-HWHTF
25	29-9690	1	Washer
26	46-3560	1	Gear
27	3257-1	2	Key-Woodruff
28	48-2060	2	Bearing-Roller
29	36-4770	3	Washer
30	252-103	2	Bearing-Closed
31	36-4792	4	Washer-Thrust
32	39-6650	1	Gear-18T
33	46-3550	1	Gear-14T
34	46-3540	1	Gear-12T
35	74-1760	1	Gear-Bevel
36	53-7950	1	Shaft-Intermediate
37	36-4780	3	Washer
39	39-7842	1	Key
44	74-1750-03	1	Bracket-Engage, Traction
45	3256-45	1	Washer-Flat



Engine and Blade Assembly

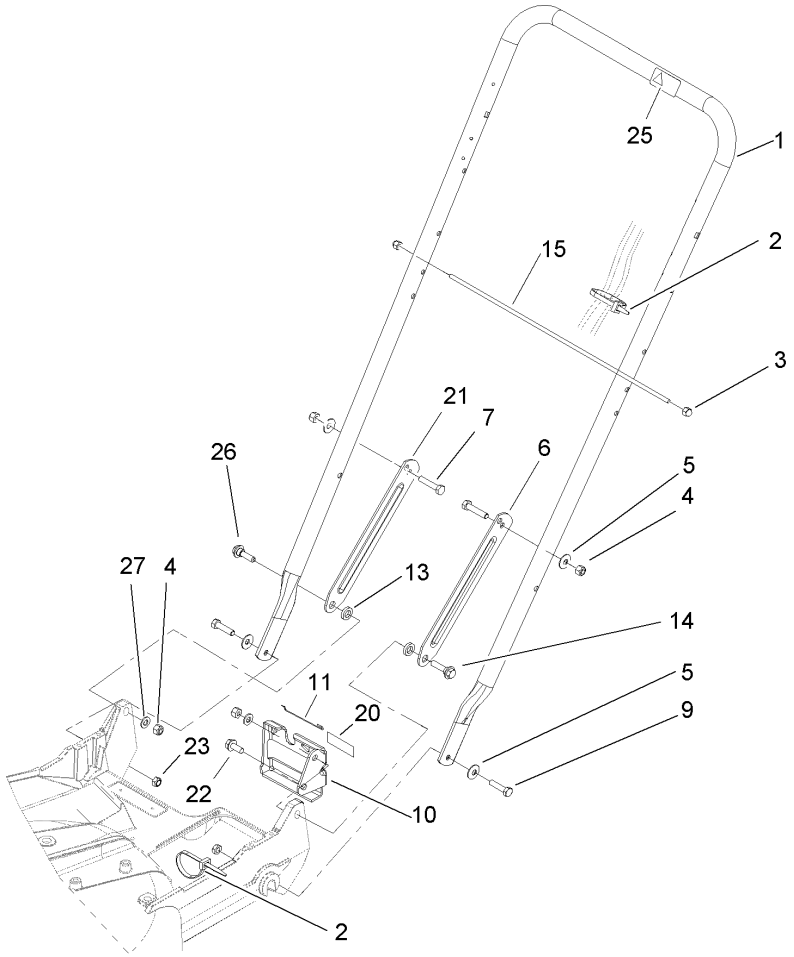
Ref	Part No.	Qty.	Description
1	106-0845	1	Engine ASM
3	110-0520	1	Decal
6	107-4058	1	Spacer-Output Shaft
7	95-1727	4	Screw-Taptite
8	66-0570-03	1	Bracket-Guide, Belt
9	3257-17	1	Key-Woodruff
10	56-6180	1	Pulley-Driver
11	56-6160-03	1	Flywheel-BBC
12	42-3190	2	Bolt-Blade
13	94-9431	1	Brake Drum ASM
13:1	52-3480	2	Dampener-Vibration
14	42-6890	1	Hub ASM
14:1	100-1048	2	Bearing-Ball
16	46-5693	1	Shield
17	107-4275	1	Spacer-Blade
18	3212-4	1	Screw-HH
19	91-2256-03	1	Blade-21 Inch
20	91-2255-03	1	Stiffener-Blade
21	1-603610	2	Washer-Spring
22	54-9190	2	Nut-Lock
23	32104-107	1	Screw-HH
24	3256-23	2	Washer-Flat
25	49-2810	1	Link-Control
26	49-7960	1	Bellcrank

Ref	Part No.	Qty.	Description
27	49-7950	1	Sleeve-Bellcrank
28	49-2820	1	Lever
29	32104-96	1	Screw-HH
30	49-7970	1	Spring-Torsion
31	70-1160	1	Washer
32	68-9780	2	Bearing
33	85-6880	1	Spring-Torsion
34	84-9130	1	Arm-Idler
35	42-0884	1	V-Belt
36	46-5650	1	Pulley-Idler
37	46-5631	2	Hub-Pulley, Idler
38	322-6	1	Screw-HH
39	3296-47	1	Nut-Lock, NI
41	32144-70	3	Screw-HH
42	84-9180	1	Brake Plate ASM
43	3272-1	2	Pin-Cotter
44	84-9050	1	Pin-Spring
45	65-5280	1	Retainer-Spring
46	84-9100	1	Spring
47	46-7040	1	Screw-HWHTF
48	106-0842	1	Guide-Spring
49	107-4087-03	1	Bracket-Spring
50	84-9040	1	Pin-Cable



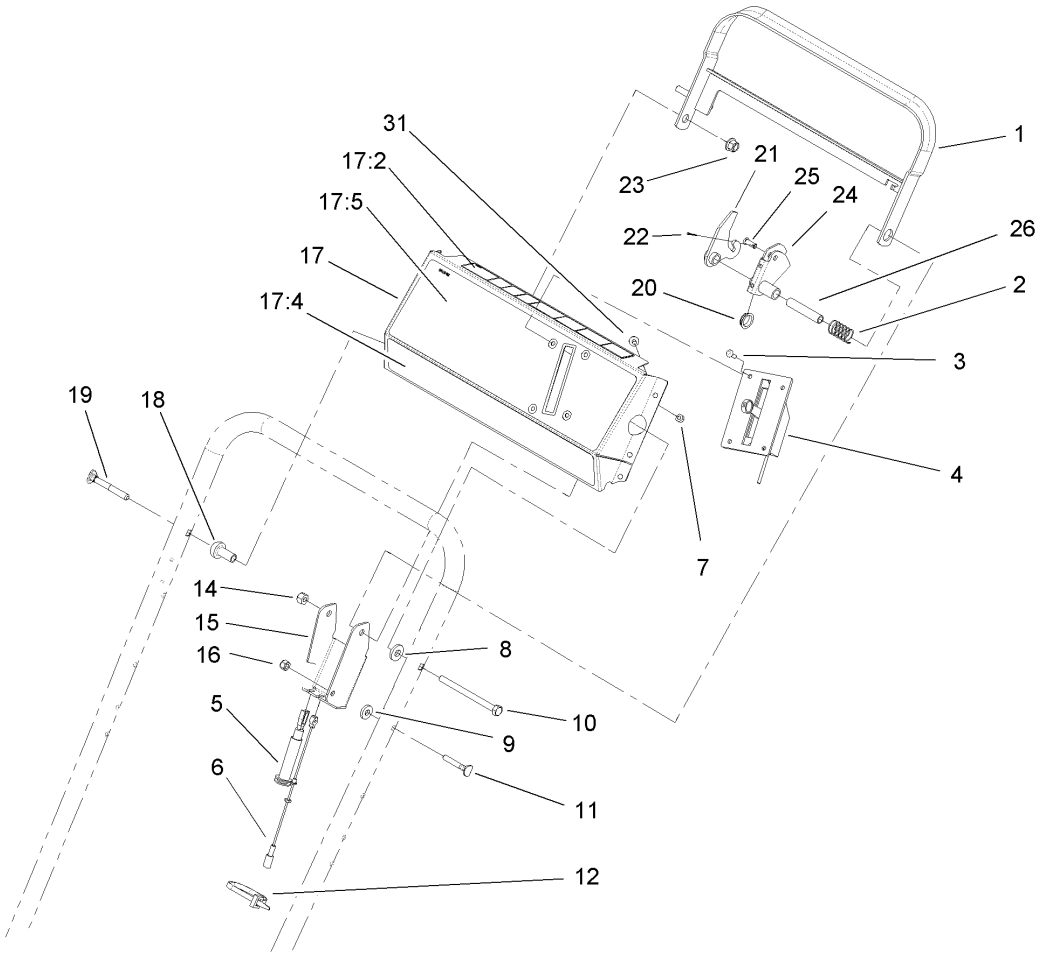
Fuel Hose and Tank Assembly

Ref	Part No.	Qty.	Description
1	93-7198	1	Gas Cap ASM
2	106-0625	1	Tank-Fuel
3	107-4131-03	1	Tank Base
4	46-8091	2	Screw-HWH
5	95-1727	2	Screw-Taptite
7	106-0908-03	1	Bracket-Tank
8	109-0296	1	Hose-Fuel
9	1-603770	1	Valve-Fuel
10	2412-98	4	Clamp
11	109-0650	1	Hose-Fuel
12	104-2628	3	Screw-HWH



Handle Assembly

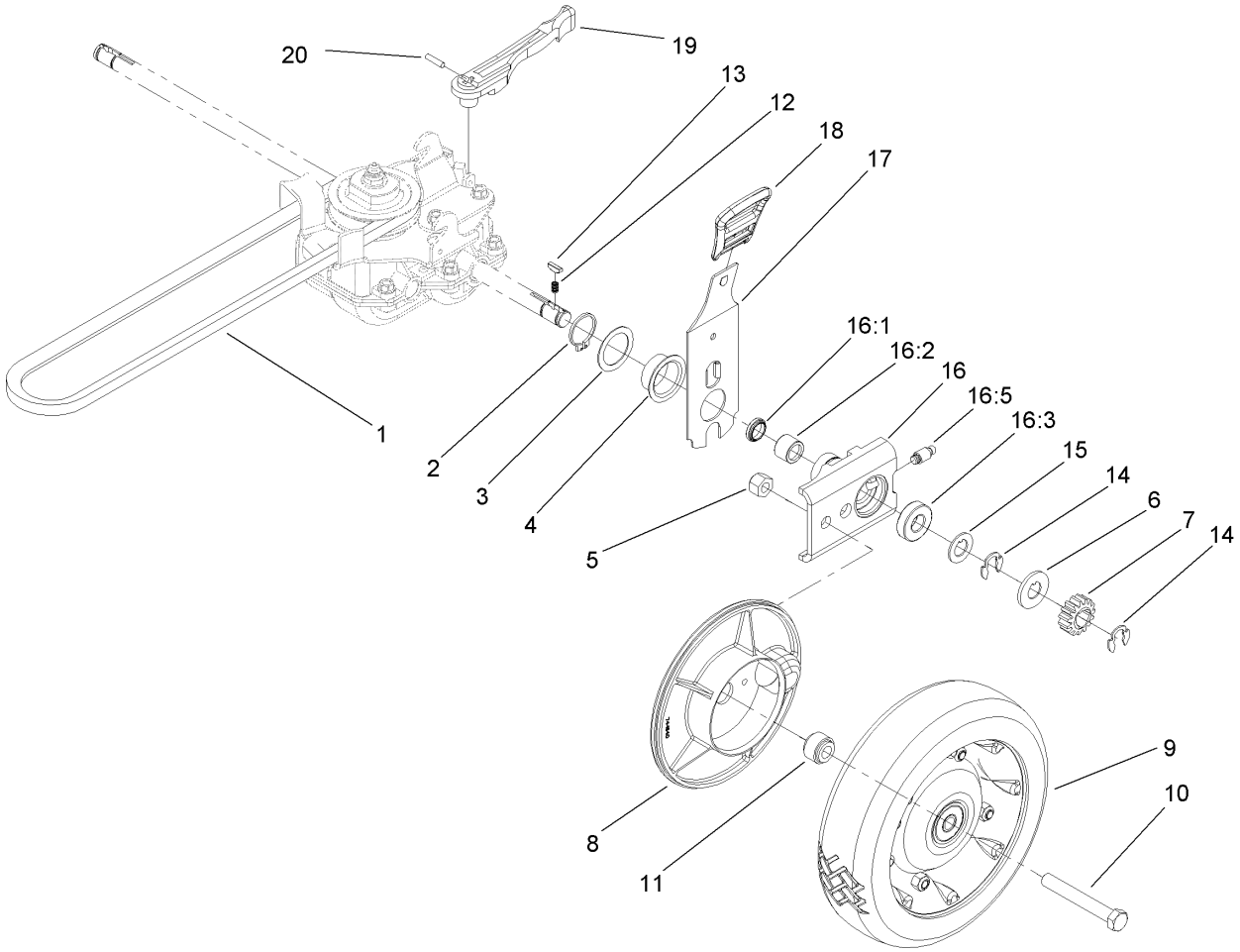
Ref	Part No.	Qty.	Description
1	98-2385-03	1	Handle
2	3290-378	3	Tie-Cable
3	32111-7	2	Nut-Cap
4	3296-29	4	Nut-Lock, NI
5	3290-456	4	Washer-Belleville
6	100-3298-03	1	Latch-Handle, LH
7	322-7	2	Screw-HH
9	322-6	2	Screw-HH
10	74-1741	1	Bracket-Adjustment, Traction
11	46-7030	1	Retainer-Cable
13	3-3287	2	Spacer-Latch, Handle
14	27-7210	1	Screw-Shoulder
15	48-2810	1	Rod-Support, Bag
20	74-1970	1	Decal-Position, Gear
21	100-3297-03	1	Latch-Handle, RH
22	32144-70	1	Screw-HH
23	3296-47	2	Nut-Lock, NI
25	98-4387	1	Decal-Protection, Ear
26	27-7211	1	Screw-Shoulder
27	3256-23	2	Washer-Flat



Control Panel Assembly

Ref	Part No.	Qty.	Description
1	84-8940-03	1	Bar-Control
2	85-6750	1	Spring-Control
3	3250-12	4	Screw-PPH
4	106-0857	1	Control-Throttle
5	84-9120	1	Cable-Traction
6	84-9110	1	Cable-Clutch
7	3296-2	4	Nut-Lock
8	71-9310	1	Spacer
9	71-9320	1	Spacer
10	322-19	1	Screw-HH
11	46-6430	1	Screw-Handle
12	3290-378	1	Tie-Cable
14	3296-29	1	Nut-Lock, NI
15	92-1778-03	1	Bracket-Control
16	3296-42	1	Nut-Lock, NI
17	14-7709	1	Panel ASM
17:2	104-8582	1	Decal-Panel, Danger
17:4	106-0771	1	Decal-Panel
17:5	107-4098	1	Decal-Panel, Proline
18	49-1631	1	Spacer-Support
19	17-9427	1	Screw
20	86-9320	1	Bushing-Flange
21	84-9000	1	Lever-Traction
22	3272-1	1	Pin-Cotter

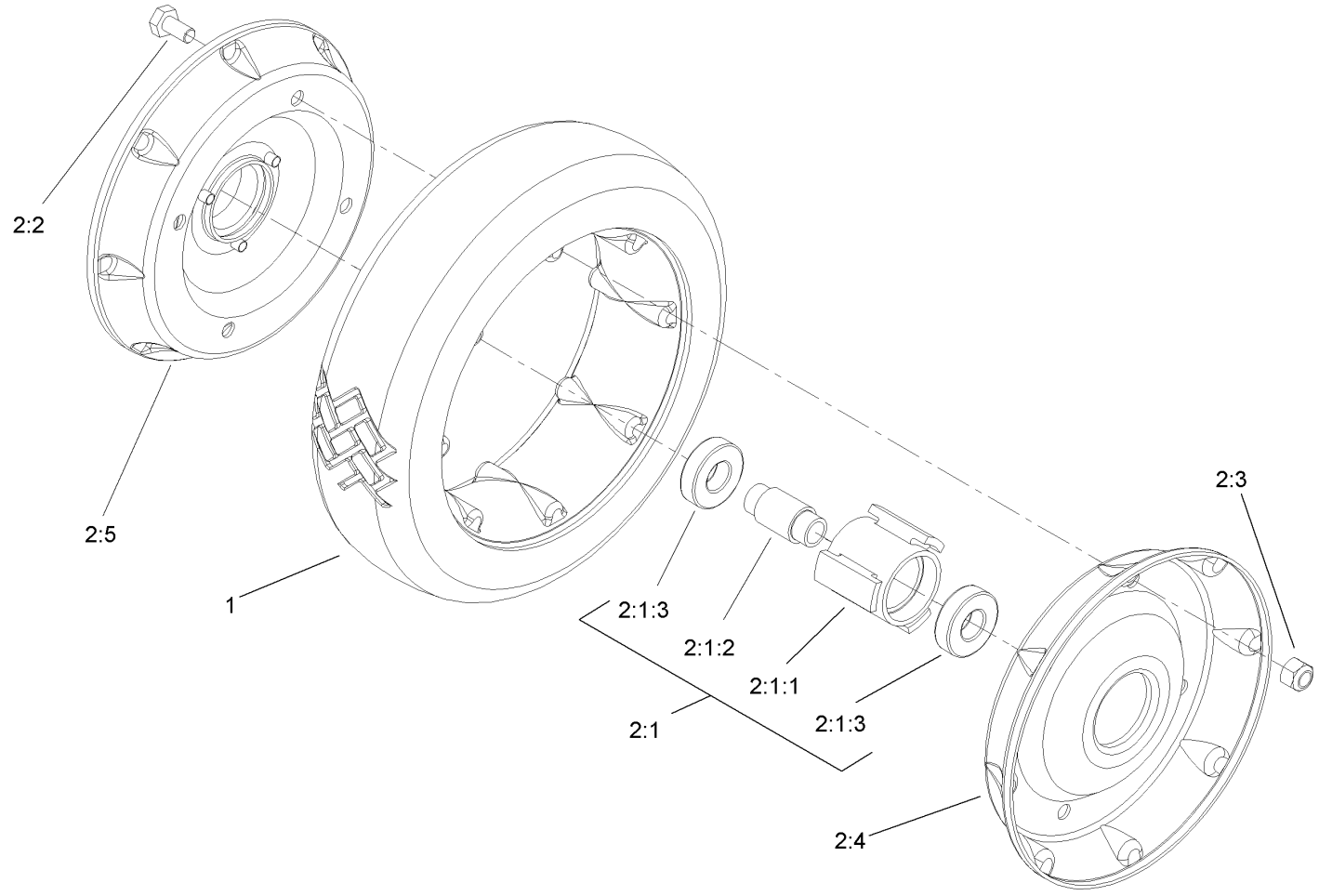
Ref	Part No.	Qty.	Description
23	3296-58	1	Nut-Lock, NI
24	84-8990	1	Lever-BBC
25	84-9040	1	Pin-Cable
26	84-9030	1	Spacer-Bracket, Control
31	32104-76	6	Screw



Rear Drive and Wheel Assembly

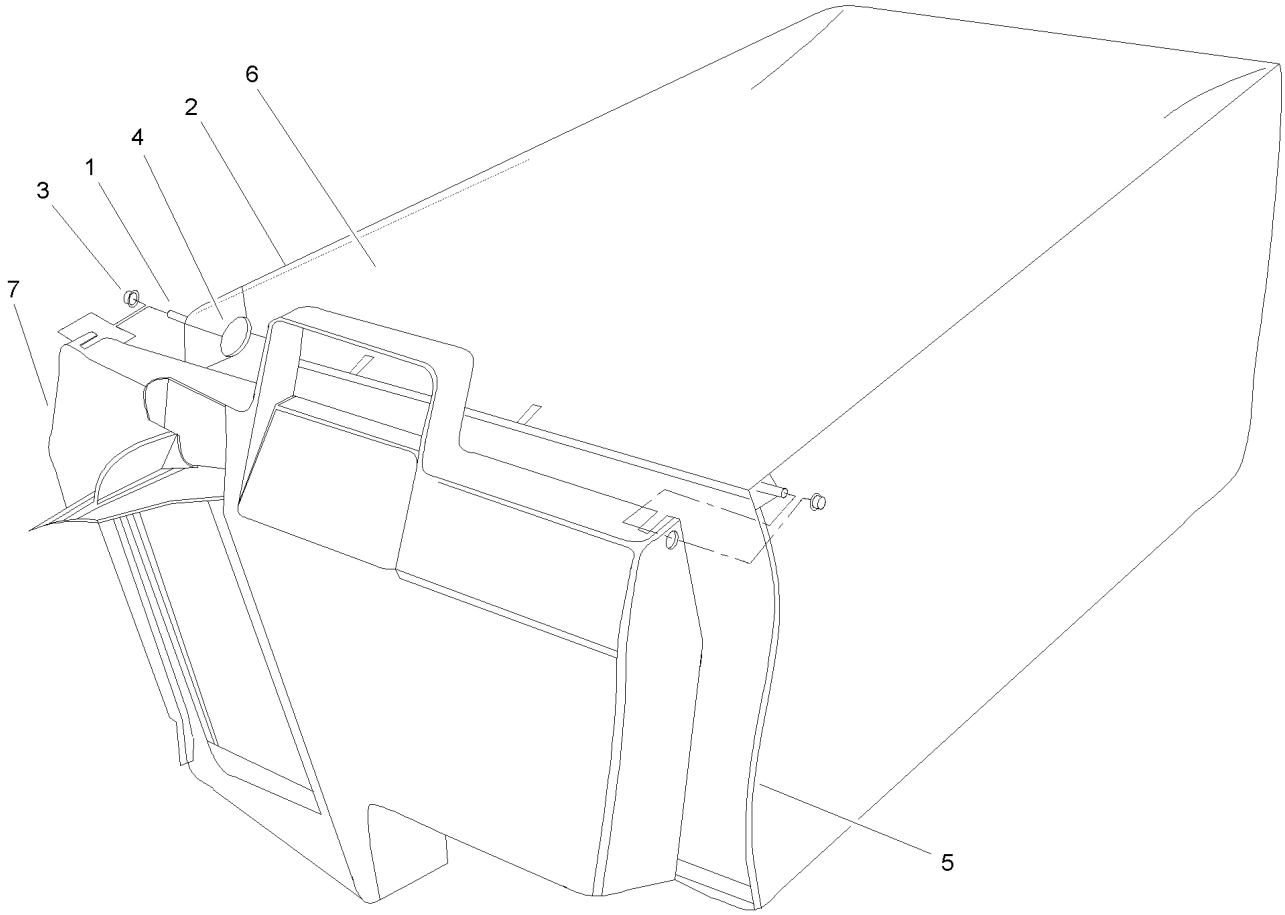
Ref	Part No.	Qty.	Description
1	36-8070	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	48-2170	2	Cap-End
5	32152-2	2	Nut-Lock, Cone
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	100-2860	2	Wheel And Tire ASM
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, Wheel
12	39-9650	2	Spring-Compression
13	612066	2	Key
14	32151-68	4	Ring-Retaining
15	49-7700	2	Washer-Thrust, Outer
16	74-1851	2	Pivot Arm ASM
16:1	47-6730	1	Seal-Oil
16:2	48-2060	1	Bearing-Roller
16:3	52-2450	1	Bearing-Wheel
16:5	92-6316	1	Zerk
17	110-0538	2	Rear Spring Arm ASM
18	110-0549	2	Knob-HOC
19	74-1960	1	Lever-Shift
20	32121-99	1	Pin-Coil

Ref	Part No.	Qty.	Description
❶99	106-0975	1	Grass Bag ASM



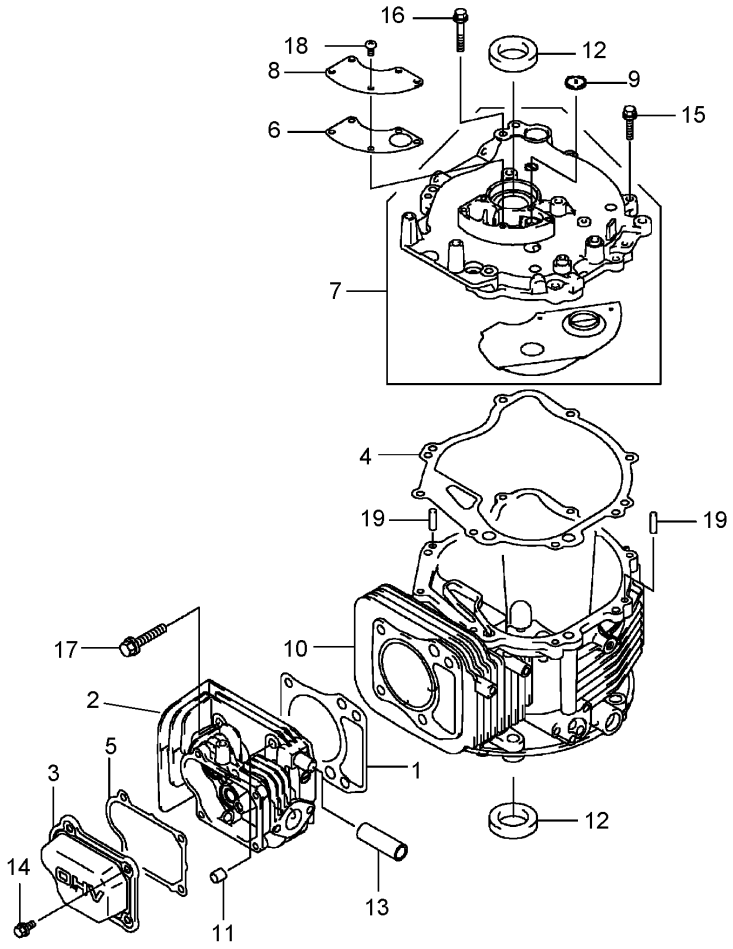
Rear Wheel Assembly No. 100-2860

Ref	Part No.	Qty.	Description
1	53-7740	1	Tire
❷2		1	Wheel ASM
❷2:1		1	Hub And Bearing ASM
2:1:1	52-2410	1	Hub-Bearing
2:1:2	52-2440	1	Spacer-Bearing
2:1:3	52-2450	2	Bearing-Wheel
2:2	321-2	4	Screw-HH
2:3	3296-42	4	Nut-Lock, NI
2:4	53-7780-06	1	Plate-Wheel, Half
2:5	92-4957-06	1	Wheel Half And Gear ASM



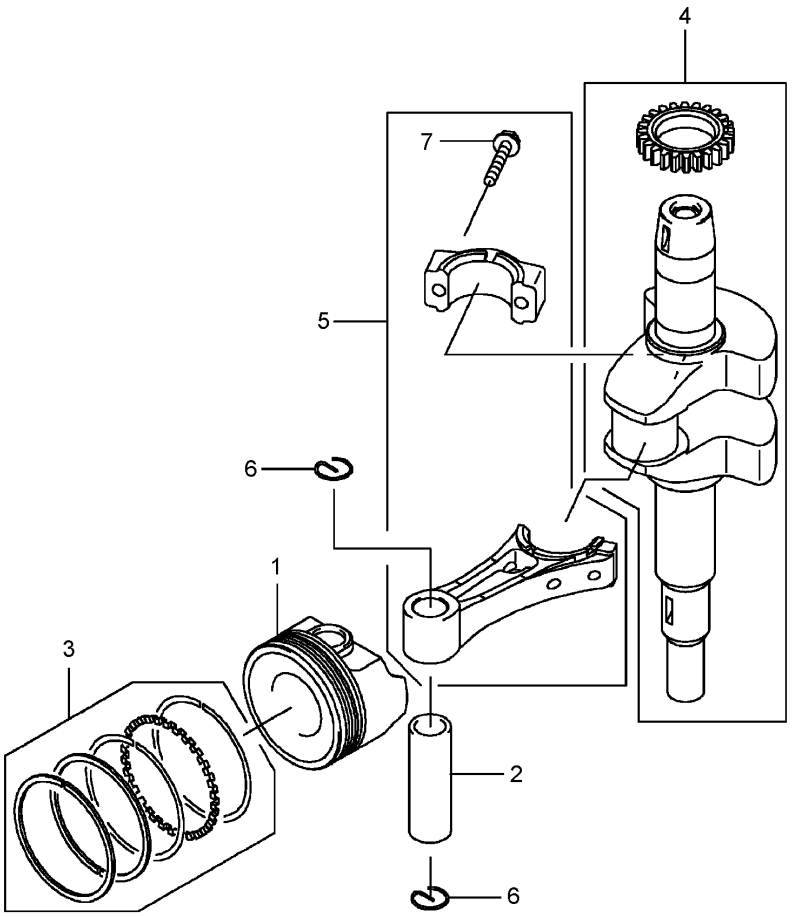
Grass Bag Assembly No. 106-0975

Ref	Part No.	Qty.	Description
1	33-4820	1	Hinge-Door, Bag
2	42-4030	1	Frame-Bag, Upper
3	3290-422	2	Nut-Push
4	36-6910	2	Spring
5	42-4020	1	Frame-Bag
6	106-0926	1	Bag-Grass
7	48-2840	1	Door-Bag, Grass



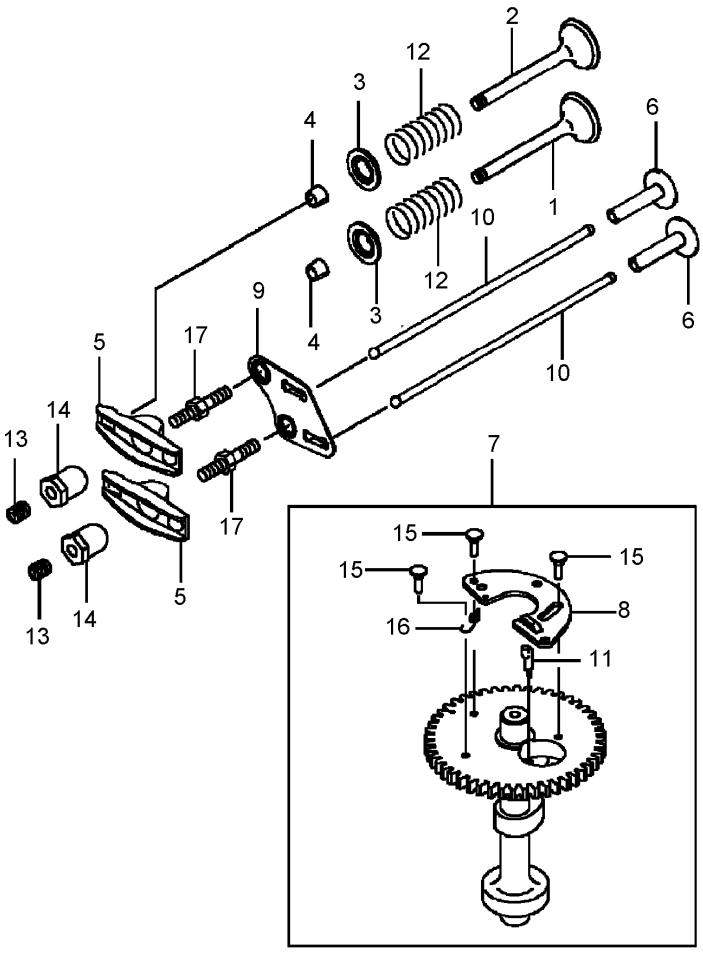
Cylinder and Crankcase Assembly

Ref	Part No.	Qty.	Description
1	108-2627	1	Gasket-Head
2	108-2501	1	Head-Cylinder
3	108-2502	1	Case-Rocker
4	108-2503	1	Gasket
5	108-2504	1	Gasket-Case, Rocker
6	108-2505	1	Gasket-Breather
7	108-2506	1	Cover-Complete
8	108-2507	1	Cover-Breather
9	108-2508	1	Valve-Breather
10	108-2509	1	Crankcase-Complete
11	108-2510	2	Pin
12	108-2511	2	Seal-Oil
13	108-2512	1	Tube
14	100-2804	4	Bolt-Flanged
15	100-2610	7	Bolt-Flanged
16	108-2513	1	Bolt-Flange
17	108-2514	4	Bolt-Flange
18	100-2763	5	Screw-Pan
19	108-2515	2	Pin-Dowel



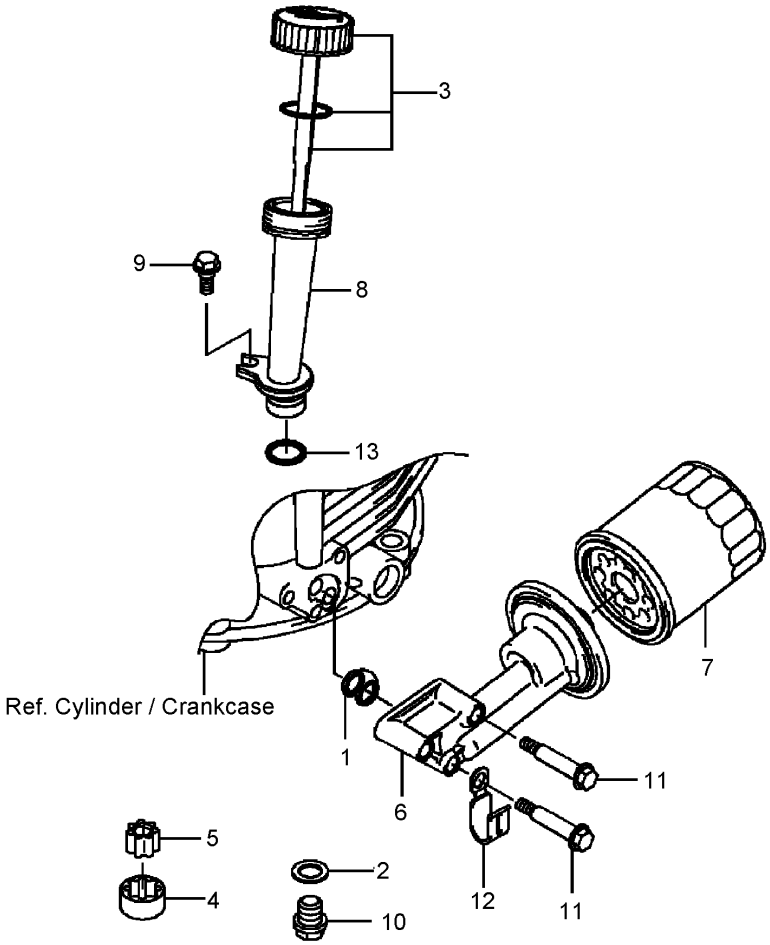
Piston and Crankshaft Assembly

Ref	Part No.	Qty.	Description
1	108-2516	1	Piston-Engine
2	108-2517	1	Pin-Piston
3	108-2518	1	Ring-Set, Piston
4	108-2626	1	Crankshaft-Comp (BBC)
5	108-2520	1	Connecting Rod ASM
6	108-2521	2	Ring-Snap
7	108-2522	2	Bolt-Flange



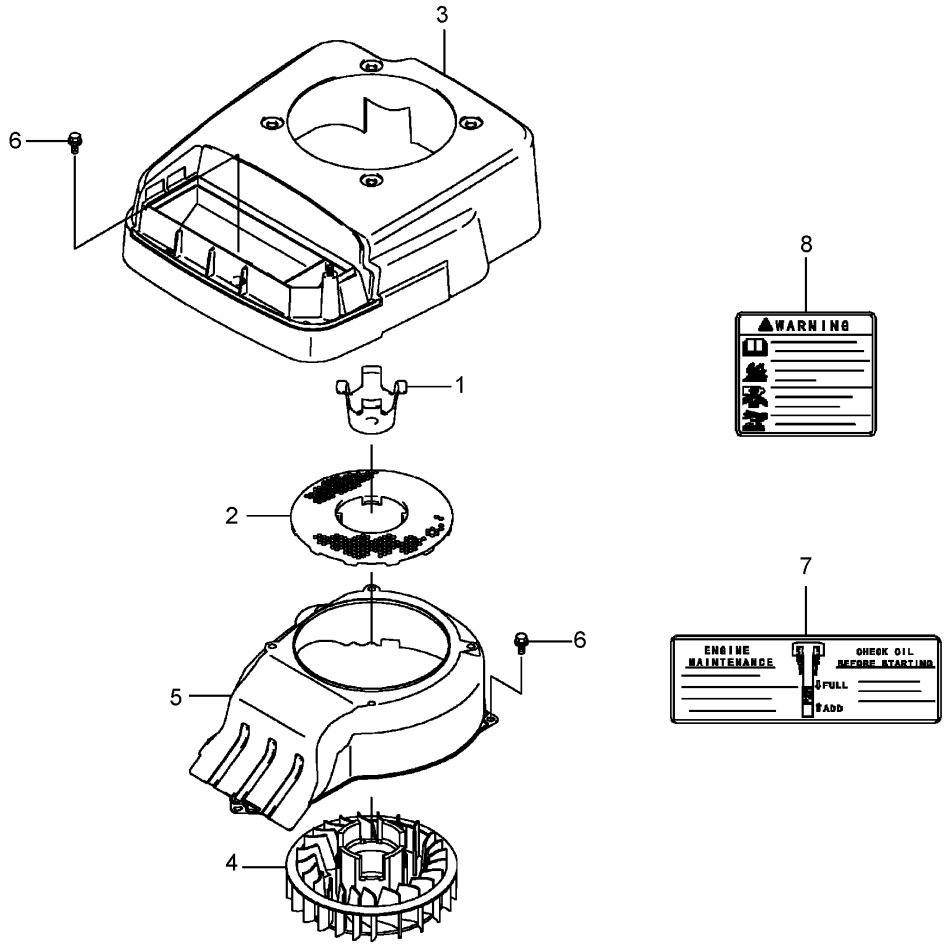
Valve and Camshaft Assembly

Ref	Part No.	Qty.	Description
1	108-2523	1	Valve-Intake
2	108-2524	1	Valve-Exhaust
3	108-2525	2	Retainer-Spring, Valve
4	95-9744	4	Collet
5	108-2526	2	Arm-Rocker
6	108-2527	2	Tappet
7	108-2528	1	Camshaft Valve ASM
8	108-2529	1	Weight
9	108-2530	1	Guide
10	108-2531	2	Rod-Push
11	108-2532	1	Arm
12	108-2533	2	Spring-Valve, Engine
13	108-2534	2	Screw
14	93-8534	2	Nut
15	108-2535	3	Pin
16	108-2536	1	Spring
17	108-2537	2	Bolt



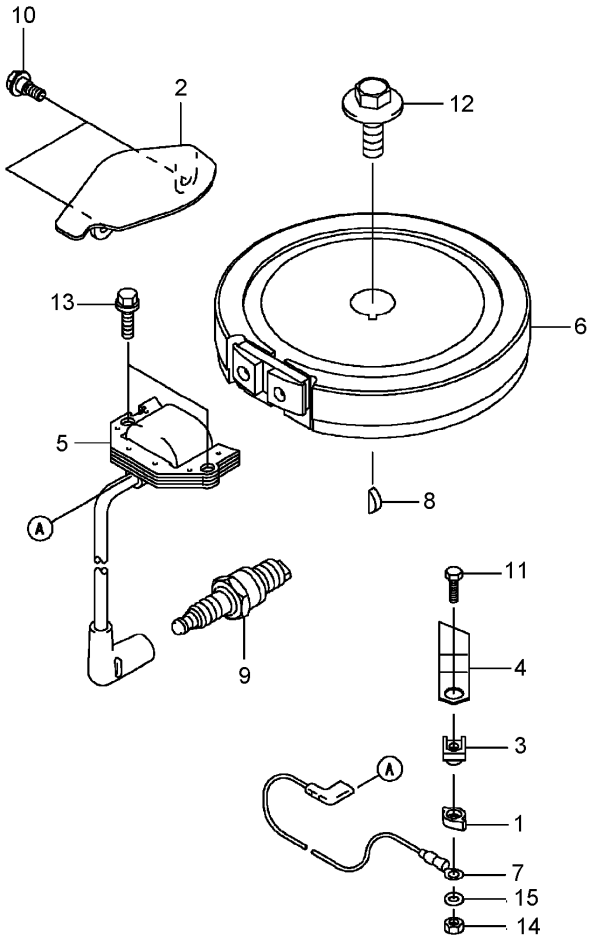
Lubrication Equipment Assembly

Ref	Part No.	Qty.	Description
1	100-2644	1	Gasket
2	108-2538	1	Gasket
3	108-2539	1	Cap ASM
4	108-2540	1	Rotor-Pump
5	108-2541	1	Rotor-Pump
6	108-2542	1	Pipe
7	KW10761	1	Filter-Oil
8	108-2543	1	Filler
9	108-2544	1	Bolt
10	108-2545	1	Bolt
11	108-2546	3	Bolt
12	108-2547	1	Clamp
13	100-2690	1	O-Ring



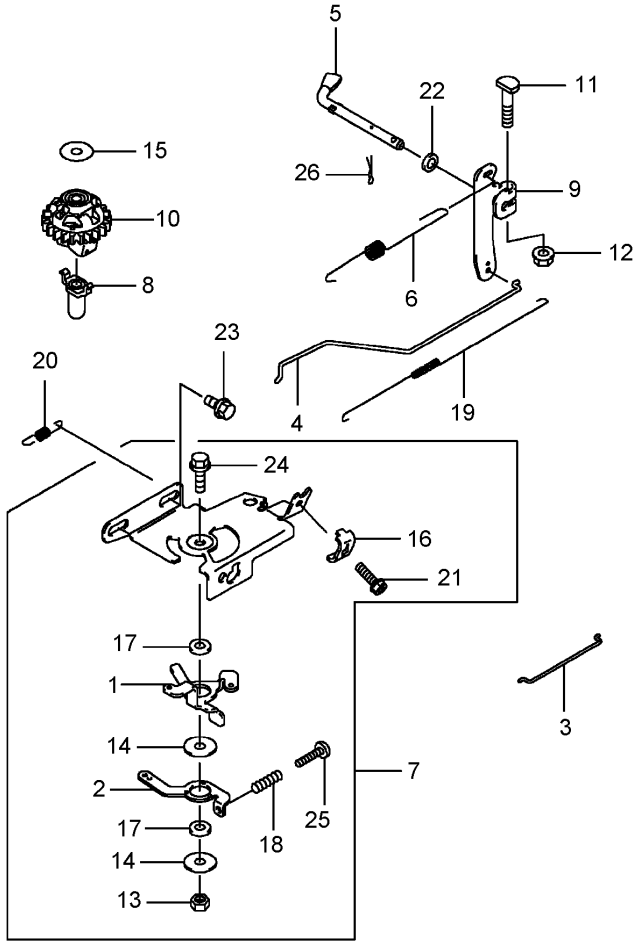
Cooling Equipment Assembly

Ref	Part No.	Qty.	Description
1	108-2548	1	Bracket-Fan
2	108-2549	1	Screen
3	108-2550	1	Cover
4	108-2551	1	Fan
5	108-2552	1	Housing-Fan
6	100-2804	2	Bolt-Flanged
7	108-2624	1	Label-Manual
8	108-2625	1	Label-Warning



Electrical Equipment Assembly

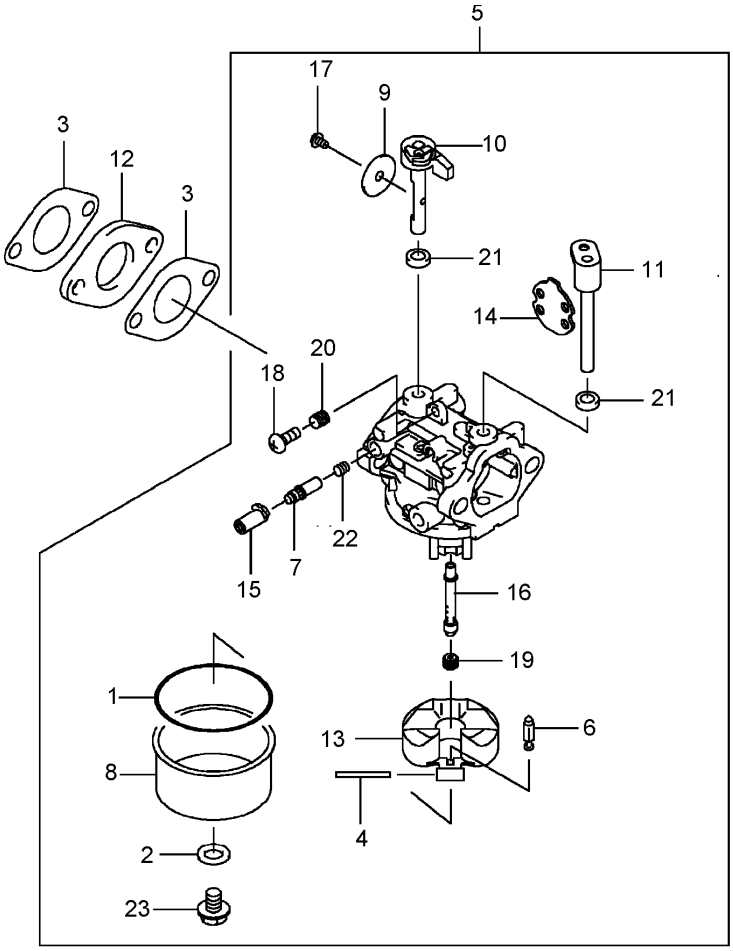
Ref	Part No.	Qty.	Description
1	100-2652	1	Cover
2	108-2553	1	Cover
3	100-2653	1	Insulator
4	100-2796	1	Terminal
5	108-2554	1	Coil Ignition ASM
6	108-2555	1	Flywheel
7	108-2556	1	Wire-Lead
8	93-8571	1	Key
9	KW10676	1	Spark Plug
10	108-2544	2	Bolt
11	108-2558	1	Bolt
12	108-2559	1	Bolt
13	95-9893	2	Bolt-Flanged
14	100-2668	1	Nut-Hex
15	100-2798	1	Washer-Plain



Control Equipment Assembly

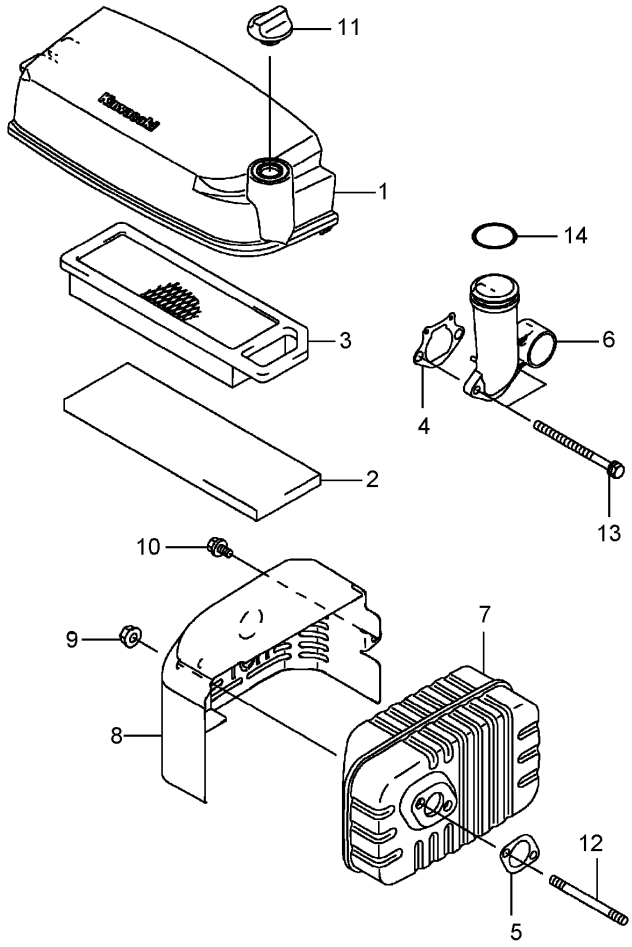
Ref	Part No.	Qty.	Description
1	108-2560	1	Lever
2	108-2561	1	Lever
3	108-2562	1	Link-Choke
4	108-2563	1	Link-Throttle
5	108-2564	1	Arm-Pivot
6	108-2565	1	Spring-Govenor
7	108-2566	1	Control Panel ASM
8	108-2567	1	Sleeve
9	108-2568	1	Arm-Governor
10	108-2569	1	Governor ASM
11	108-2570	1	Bolt
12	108-2571	1	Nut
13	108-2572	1	Nut
14	100-2715	2	Washer
15	93-8612	1	Washer
16	95-9849	1	Clamp
17	100-2718	2	Collar
18	93-8588	1	Spring
19	108-2573	1	Spring-Throttle
20	108-2574	1	Spring
21	95-9853	1	Bolt
22	108-2575	1	Washer
23	100-2804	2	Bolt-Flanged
24	108-2576	1	Bolt-Flange

Ref	Part No.	Qty.	Description
25	108-2577	1	Screw-Pan
26	108-2578	1	Pin-Snap



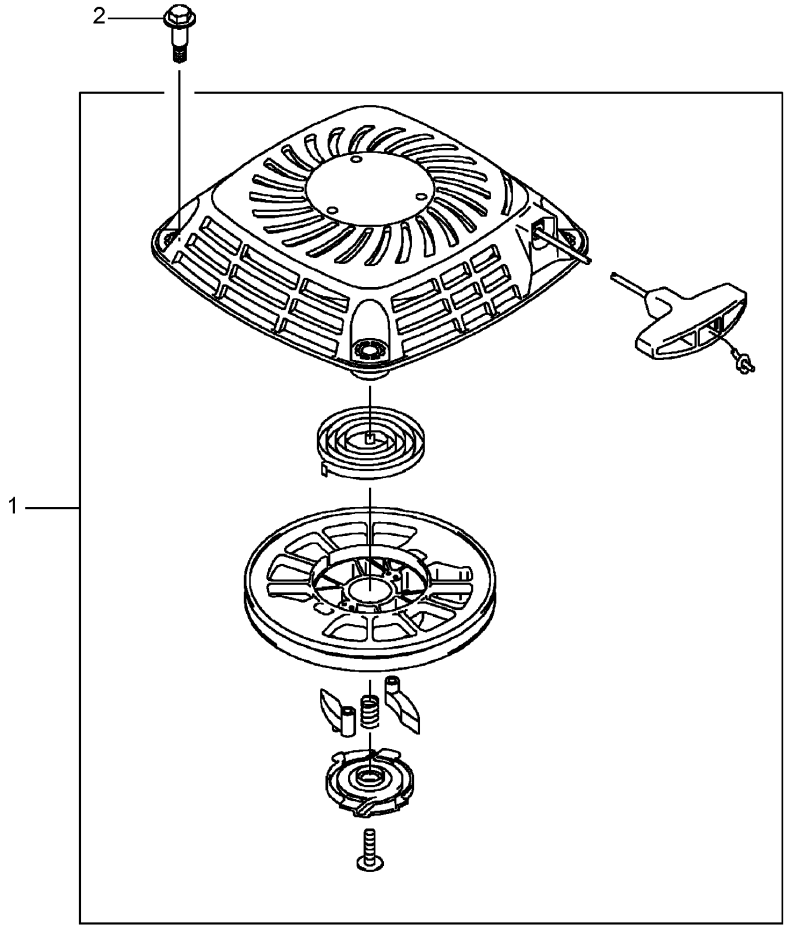
Carburetor Assembly

Ref	Part No.	Qty.	Description
1	108-2579	1	Gasket
2	108-2580	1	Gasket
3	108-2581	2	Gasket
4	108-2582	1	Shaft
5	108-2583	1	Carburetor ASM
6	108-2584	1	Needle-Jet
7	108-2585	1	Screw-Pilot, Air
8	108-2586	1	Chamber-Float
9	108-2587	1	Valve-Throttle
10	108-2588	1	Shaft-Carburetor
11	108-2589	1	Shaft-Carburetor
12	108-2590	1	Insulator
13	108-2591	1	Float ASM
14	108-2592	1	Choke Valve ASM
15	108-2593	1	Limiter
16	108-2594	1	Nozzle-Main
17	108-2595	1	Screw
18	108-2596	1	Screw
19	108-2597	1	Jet-Main (#74)
20	108-2598	1	Spring
21	108-2599	2	Seal
22	108-2600	1	Spring
23	108-2601	1	Screw



Air Filter and Muffler Assembly

Ref	Part No.	Qty.	Description
1	108-2602	1	Case-Filter, Air
2	108-2603	1	Element-Filter, Air
3	108-2604	1	Air Filter Element ASM
4	108-2605	1	Gasket-Pipe, Intake
5	108-2606	1	Gasket-Muffler
6	108-2607	1	Pipe-Intake
7	108-2608	1	Muffler
8	108-2609	1	Cover-Muffler
9	108-2610	2	Nut
10	108-2611	1	Bolt
11	108-2612	1	Nut
12	100-2761	2	Bolt-Stud
13	100-2762	2	Bolt
14	108-2613	1	O-Ring



Starter Assembly

Ref	Part No.	Qty.	Description
1	108-2614	1	Starter-Recoil
2	108-2615	4	Bolt

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