



53cm Heavy-Duty Rear Bagger Lawn Mower

Model No. 22178TE - 280000001 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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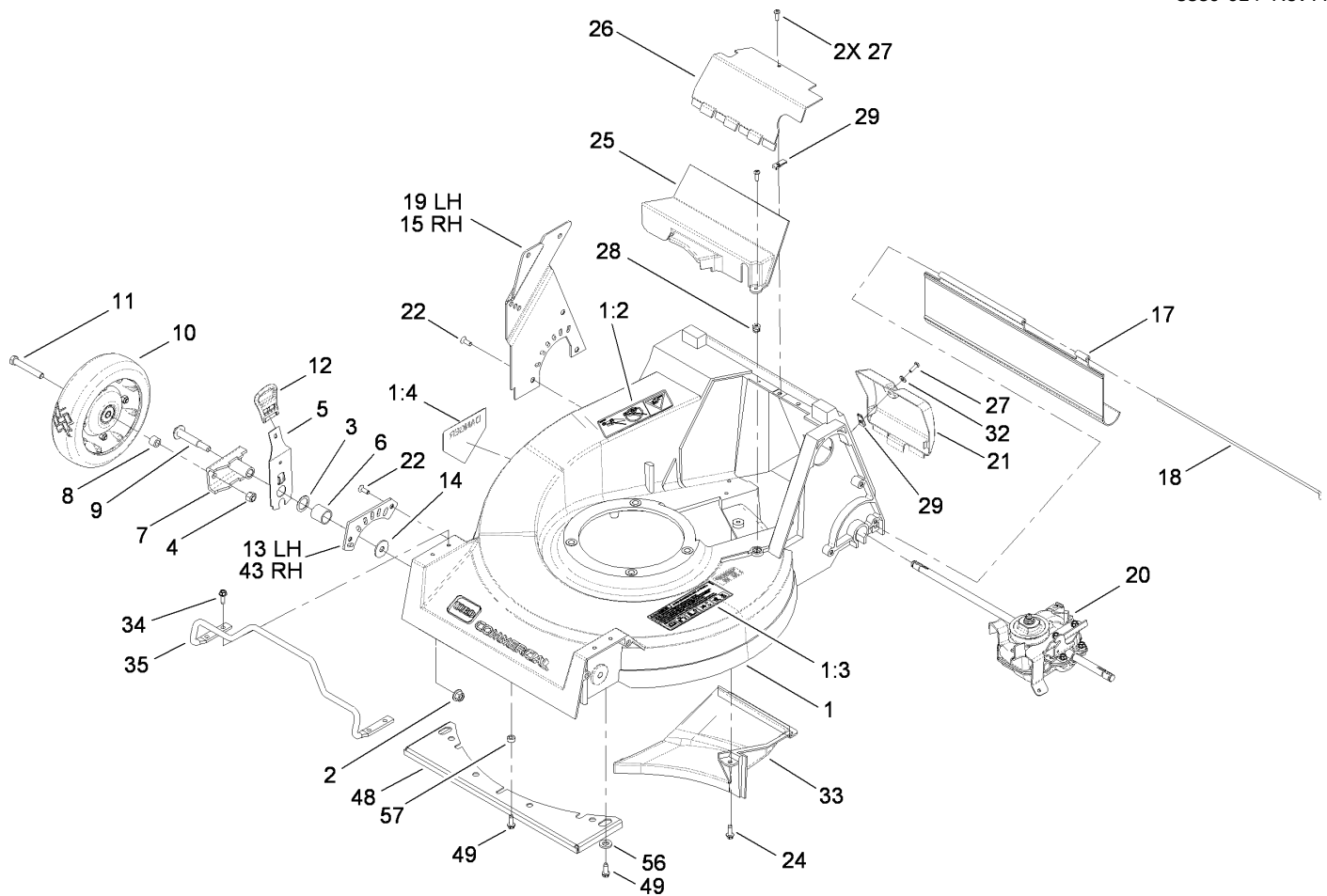
Part Description Abbreviations

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
HS. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

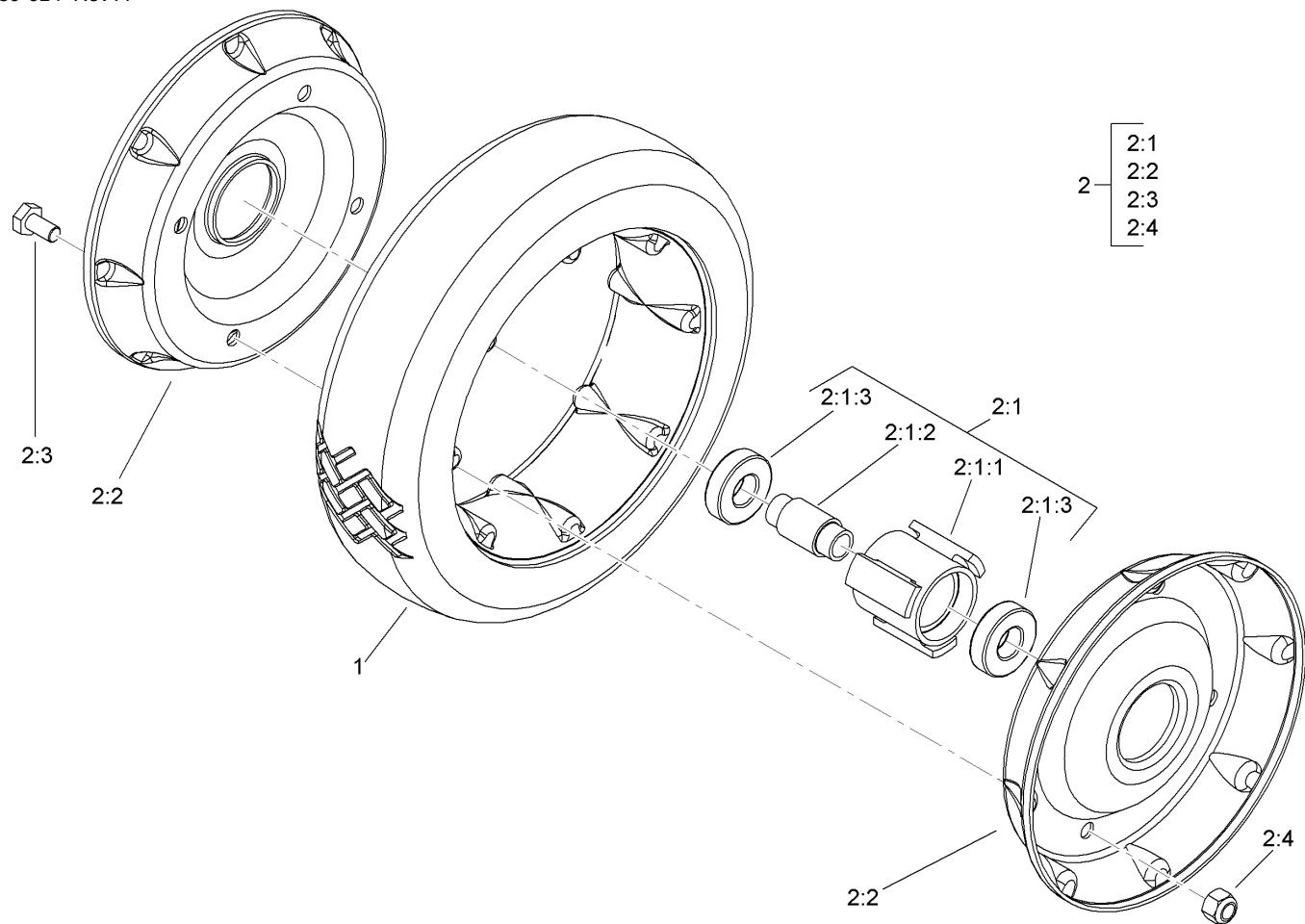
- ❶ Not serviced separately



Housing Assembly

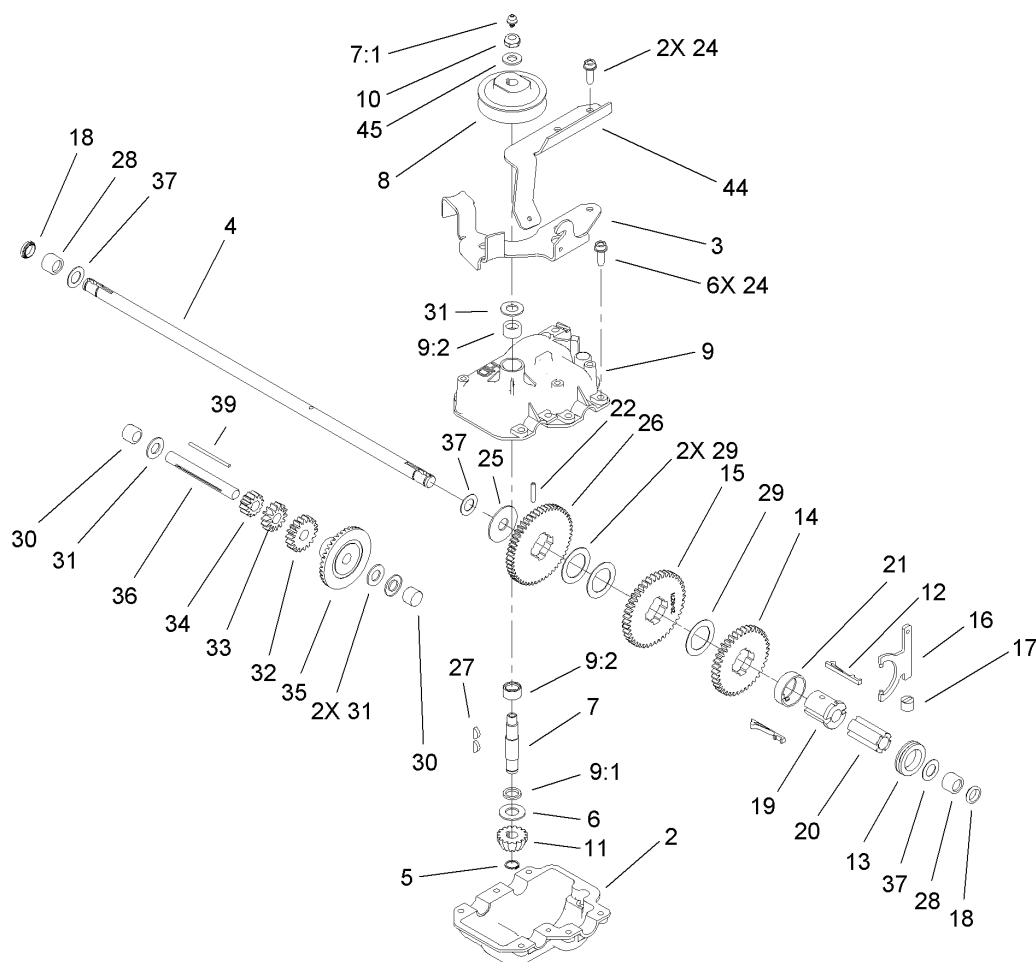
Ref	Part No.	Qty.	Description
1	115-0992	1	Deck ASM
1:2	110-4977	1	Decal-Danger
1:3	110-4978	1	Decal-Danger
1:4	112-8760	1	Decal-Danger, Ce
2	54-9190	2	Nut-Lock
3	115-0972	2	Washer
4	32152-2	2	Nut-Lock, Cone
5	115-0980	2	Front Spring Arm ASM
6	75-5310	2	Spacer-Bearing
7	61-8300	2	Arm-Pivot, Front
8	52-2480	2	Spacer-Wheel
9	114-3468	2	Screw-Shoulder
10	100-2870	2	Wheel And Tire ASM
11	323-12	2	Screw-HH
12	110-0549	2	Knob-HOC
13	115-0960	1	Plate-Front HOC, LH
14	115-0956	2	Washer
15	115-0978-01	1	Plate-Rear HOC, RH
17	110-0509	1	Shield-Trailing
18	33-3202	1	Rod-Shield
19	115-0977-01	1	Plate-Rear HOC, LH
20	110-2100	1	Gear Case ASM
21	107-4288	1	Door-Access, Rear
22	32144-17	10	Screw-HH

Ref	Part No.	Qty.	Description
24	49-2040	4	Screw-HWHTF
25	107-4297	1	Cover-Belt, Lower
26	107-4298	1	Cover-Belt, Upper
27	32144-32	3	Screw
28	611380	1	Nut-Clip
29	3290-171	2	Nut-Type J
32	3256-14	1	Washer-Flat
33	115-0973	1	Baffle-Chute, Floor
34	49-2040	4	Screw-HWHTF
35	110-4876	1	Guard-Engine
43	115-0961	1	Plate-Front HOC, RH
48	46-5400-03	1	Shield
49	49-2040	3	Screw-HWHTF
56	3256-3	2	Washer-Flat
57	95-6063	1	Tube-Spacer



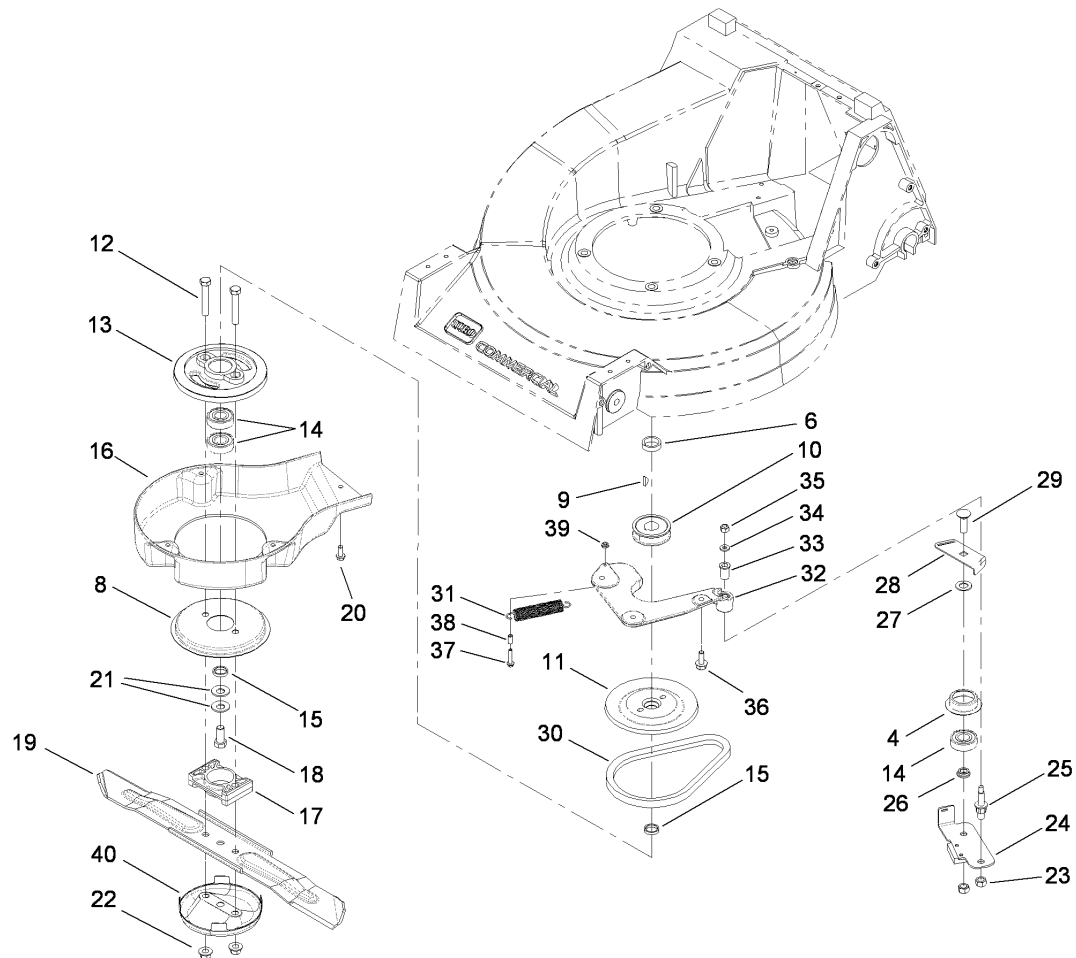
Front Wheel and Tire Assembly No. 100-2870

Ref	Part No.	Qty.	Description				
1	53-7740	1	Tire				
2		1	Wheel ASM				
2:1		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				



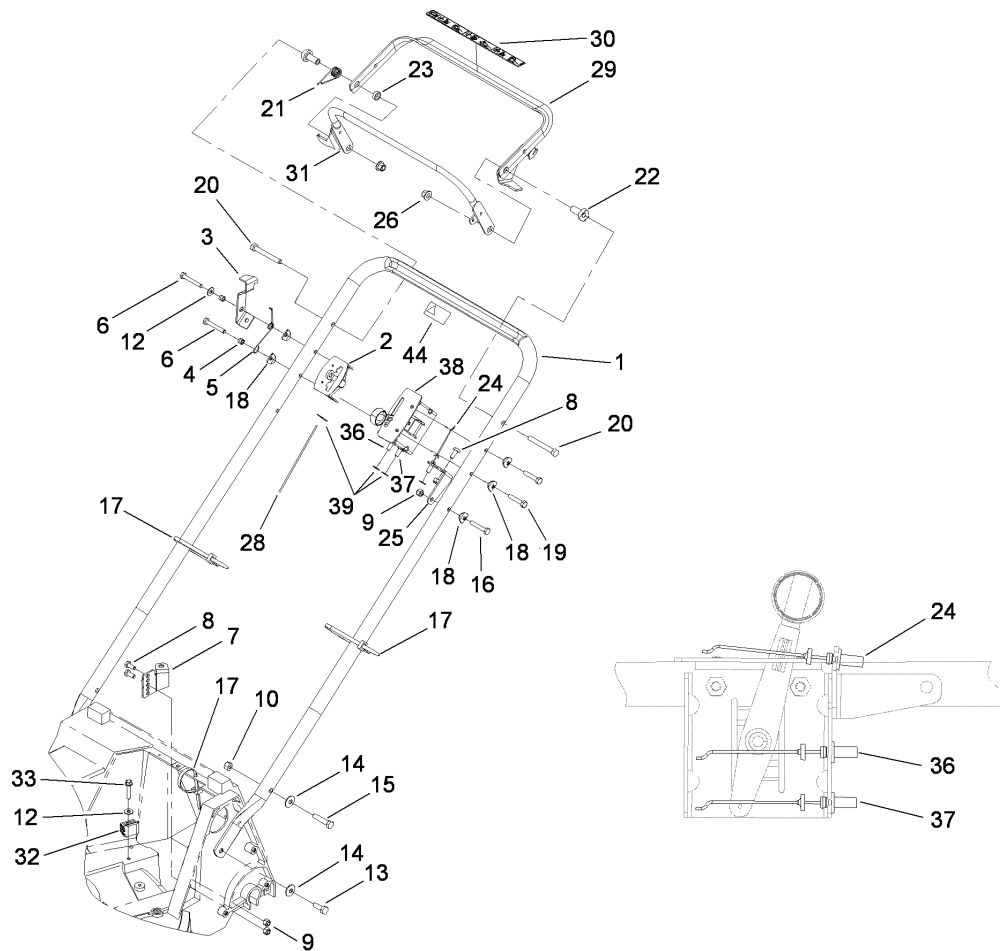
Gear Case Assembly No. 110-2100

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	74-1920	1	Case-Gear, Lower	24	49-2040	8	Screw-HWHTF
3	49-8461-03	1	Bracket-Guide, Belt	25	29-9690	1	Washer
4	74-1890	1	Shaft-Output	26	46-3560	1	Gear
5	32151-57	1	Ring-Retaining	27	3257-1	2	Key-Woodruff
6	47-2910	1	Washer-Thrust	28	48-2060	2	Bearing-Roller
7	13-5149	1	Input Shaft ASM	29	36-4770	3	Washer
7:1	302-63	1	Zerk	30	252-103	2	Bearing-Closed
8	39-6740	1	Pulley	31	36-4792	4	Washer-Thrust
9	13-9739	1	Upper Gearcase ASM	32	39-6650	1	Gear-18T
9:1	47-7260	1	Seal	33	46-3550	1	Gear-14T
9:2	47-7270	2	Bearing	34	46-3540	1	Gear-12T
10	3296-5	1	Nut-Lock	35	74-1760	1	Gear-Bevel
11	39-6660	1	Pinion-Bevel	36	53-7950	1	Shaft-Intermediate
12	29-9330	2	Key-Shift	37	36-4780	3	Washer-Plain
13	29-9340	1	Collar-Shift	39	39-7842	1	Key
14	42-4740	1	Gear-38T	44	108-2648-03	1	Arm-Actuating, Gear Case
15	29-9271	1	Gear-42T	45	3256-45	1	Washer-Flat
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				



Blade Brake Clutch Assembly

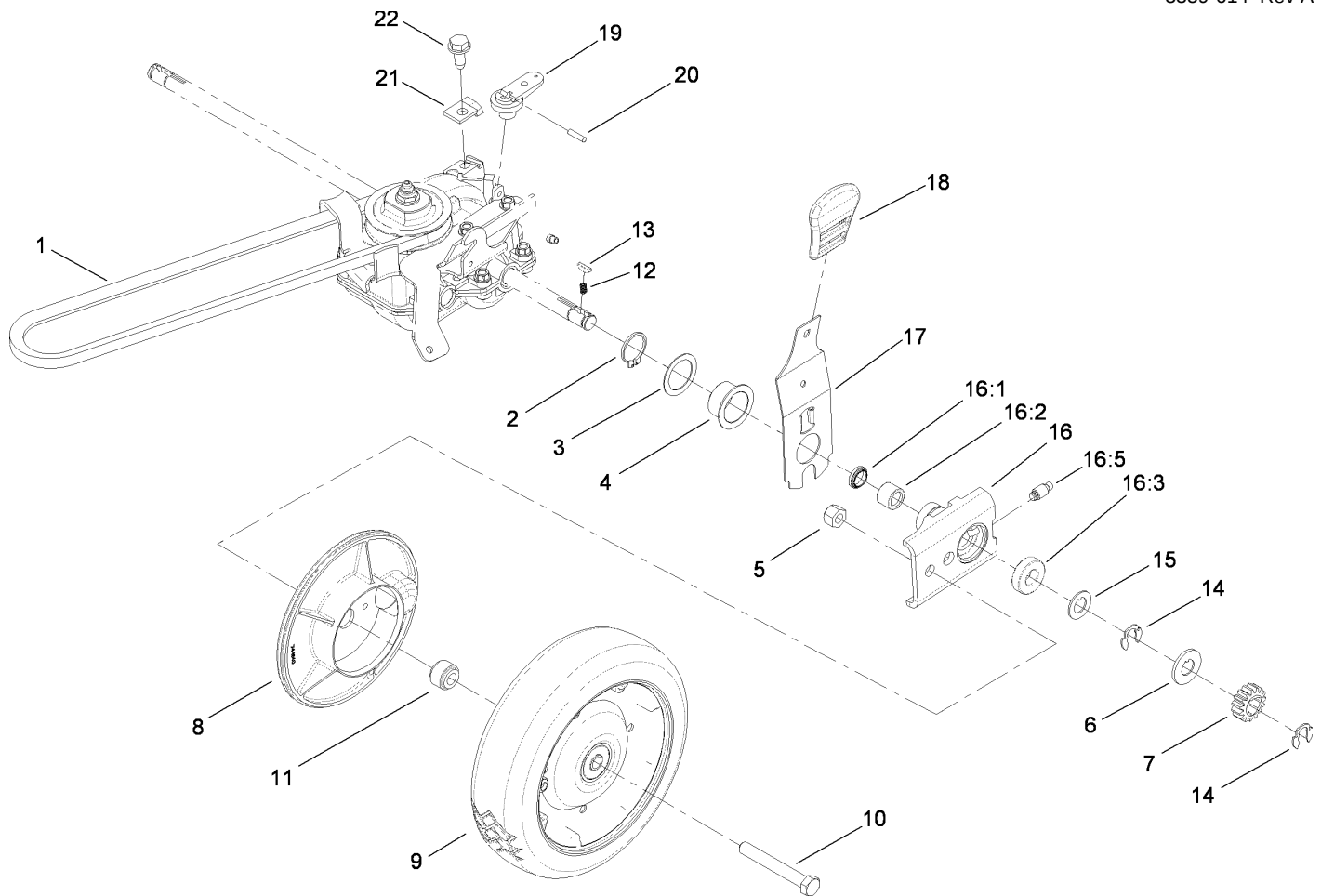
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
4	108-3790	1	Retainer-Belt	30	110-1790	1	Belt-BBC
6	110-2142	1	Spacer-Pulley	31	108-3792	1	Spring-Tension, Brake
8	108-3787	1	Disc	32	107-4280	1	Plate-Mounting, BBC
9	3257-17	1	Key-Woodruff	33	107-0797	1	Bushing
10	56-6180	1	Pulley-Driver	34	3256-16	1	Washer-Flat
11	107-4277-03	1	Pulley-Driver, Upper	35	3296-42	1	Nut-Lock, NI
12	104-5936	2	Screw-HH	36	33104-020	3	Screw-HHF
13	107-0754	1	Drum	37	32144-9	1	Screw-TAP
14	100-1048	3	Bearing-Ball	38	107-4292	1	Spacer-BBC
15	107-4293	2	Spacer-Plate, BBC	39	3296-27	1	Nut-Lock, NI
16	110-0508	1	Shield-BBC	40	80-2770	1	Cup-Scalp, Anti
17	107-4275	1	Spacer-Blade				
18	3212-4	1	Screw-HH				
19	91-2256-03	1	Blade-21 Inch				
20	32144-85	4	Screw-HWH				
21	1-603610	2	Washer-Spring				
22	54-9190	2	Nut-Lock				
23	603773	2	Nut				
24	107-7477	1	Brake Arm ASM				
25	107-0759	1	Bolt-Shoulder				
26	107-0758	1	Spacer-Bearing				
27	605256	1	Washer				
28	107-7471	1	Plate-Guide				
29	3231-25	1	Screw-CARR				



Handle Assembly

Ref	Part No.	Qty.	Description
1	107-4162-03	1	Handle
2	110-5026	1	Control-Shift
3	115-0999-01	1	Latch-Lever, BBC
4	110-0542	2	Spacer-Flange
5	115-0996	1	Spring-Torsion, Latch
6	321-10	2	Screw-HH
7	115-4453	1	Anchor-Cable
8	321-3	3	Screw-HH
9	3296-42	4	Nut-Lock, NI
10	3296-29	4	Nut-Lock, NI
12	3256-1	2	Washer-Flat
13	322-4	2	Screw-HH
14	3290-456	4	Washer-Belleville
15	322-7	2	Screw-HH
16	321-9	1	Screw-HH
17	3290-378	4	Tie-Cable
18	115-0995	5	Washer
19	321-13	2	Screw-HH
20	322-12	2	Screw-HH
21	115-0993	1	Spring-Torsion
22	49-1631	2	Spacer-Support
23	59-4310	1	Spacer
24	107-4296	1	Cable-BBC
25	115-4455	1	Bracket-Cable, BBC

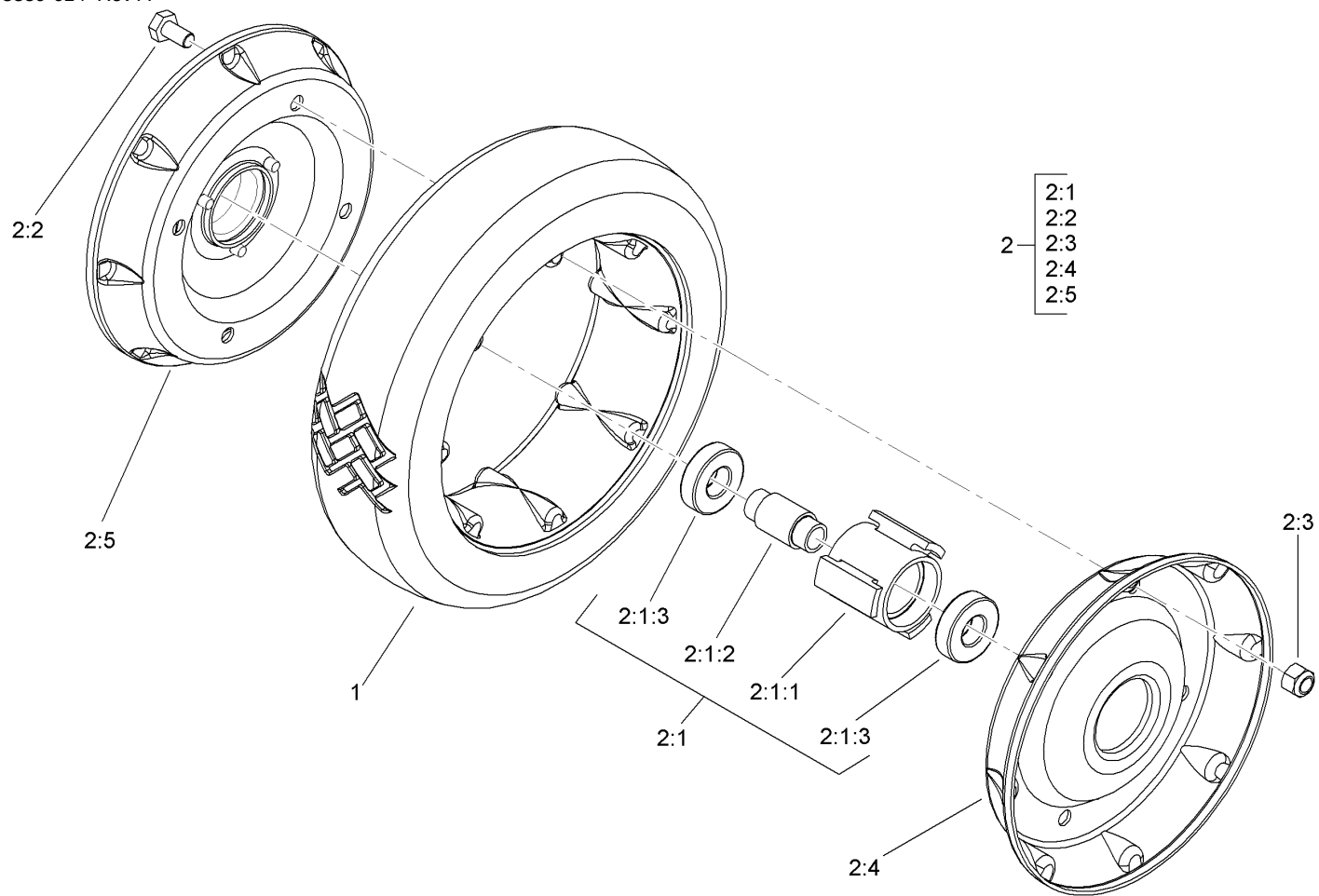
Ref	Part No.	Qty.	Description
26	3296-58	2	Nut-Lock, NI
28	107-4295	1	Cable-Shift
29	115-4454-03	1	Traction Bail ASM
30	110-2115	1	Decal-Control
31	115-4452-03	1	BBC Bail ASM
32	92-7729	1	Anchor-Cable, Upper
33	32144-110	1	Screw-HWH
36	107-4294	1	Cable-Traction
37	110-4923	1	Throttle Cable ASM
38	108-2645	1	Control-Head, Throttle
39	32151-86	4	E-Ring
44	98-4387	1	Decal-Protection, Ear



Rear Suspension Assembly

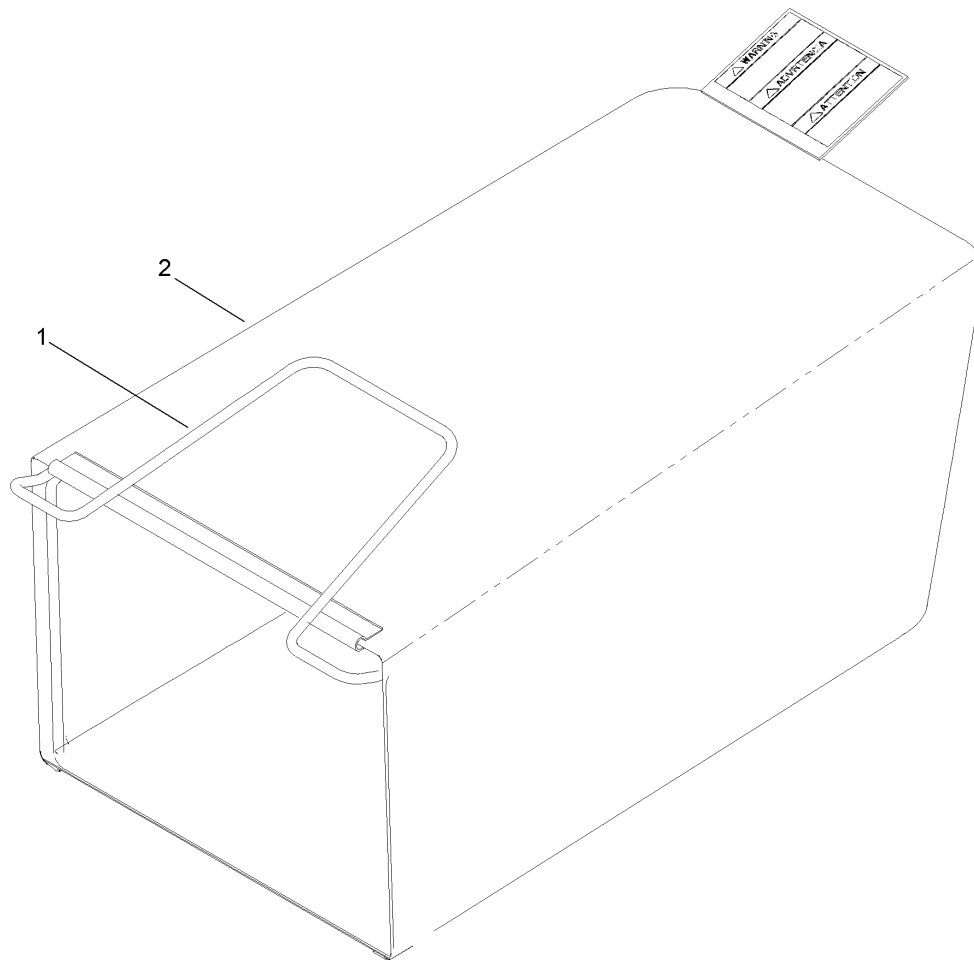
Ref	Part No.	Qty.	Description
1	612652	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	115-0966	2	Bushing-Flange
5	32152-2	2	Nut-Lock, Cone
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	100-2860	2	Wheel And Tire ASM
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, 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	115-0979	2	Rear Spring Arm ASM
18	110-0549	2	Knob-HOC
19	29-9560	1	Lever-Shift
20	32121-99	1	Pin-Coil

Ref	Part No.	Qty.	Description
21	62-3720	1	Clamp-Cable
22	32144-70	1	Screw-HWHTF



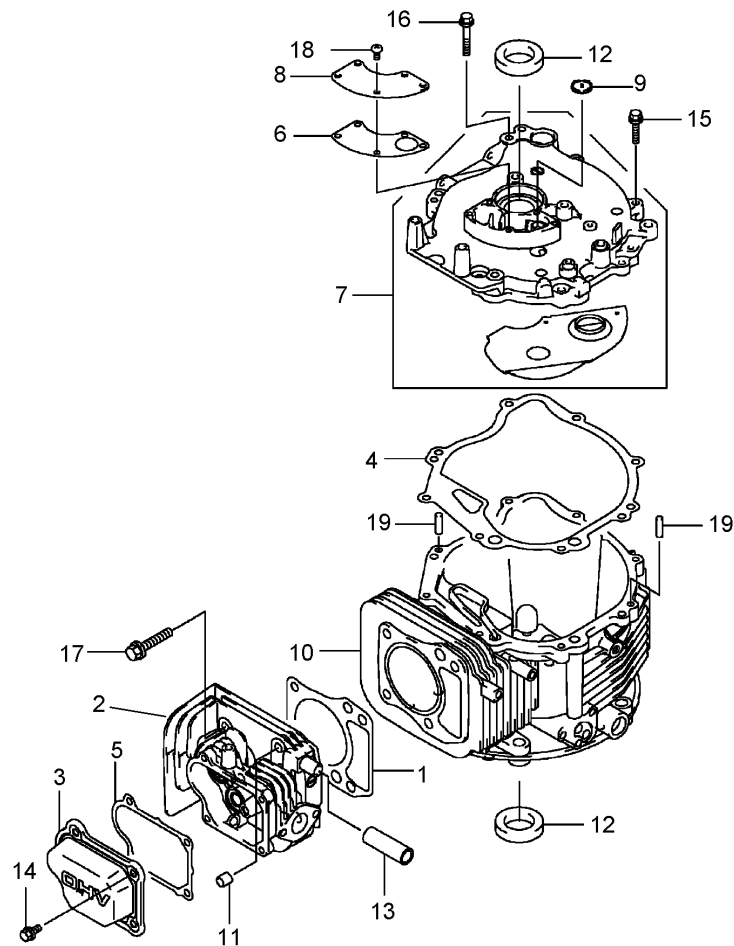
Rear Wheel Assembly No. 100-2860

Ref	Part No.	Qty.	Description				
1	53-7740	1	Tire				
2		1	Wheel ASM				
2:1		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				



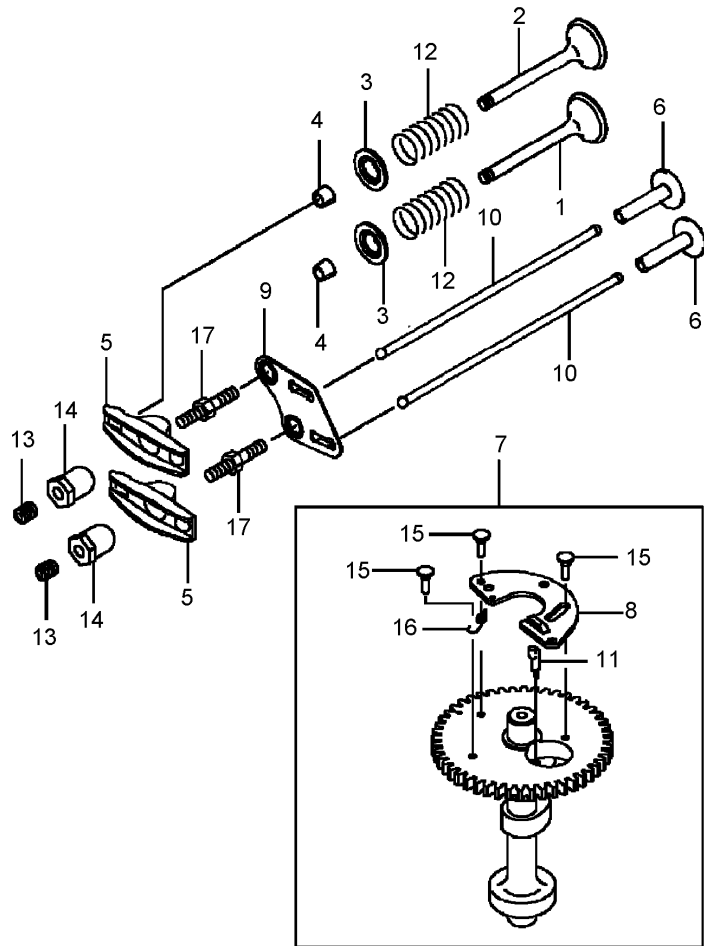
Grass Bag Assembly No. 110-2140

Ref	Part No.	Qty.	Description				
1	110-0510-03	1	Frame ASM				
2	110-0530	1	Bag-Grass				



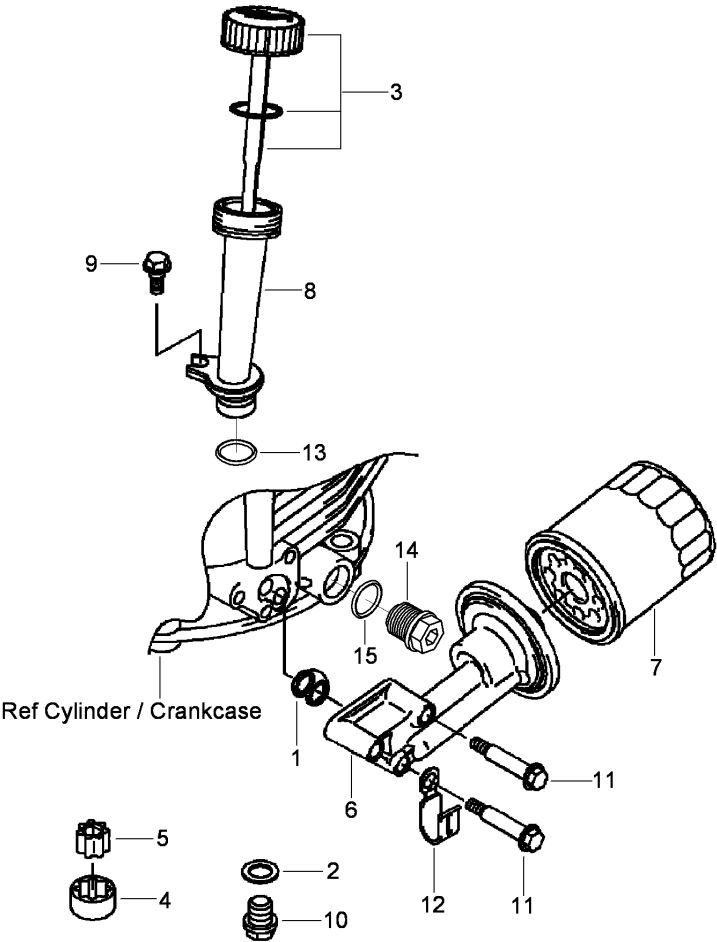
Cylinder and Crankcase Assembly

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				



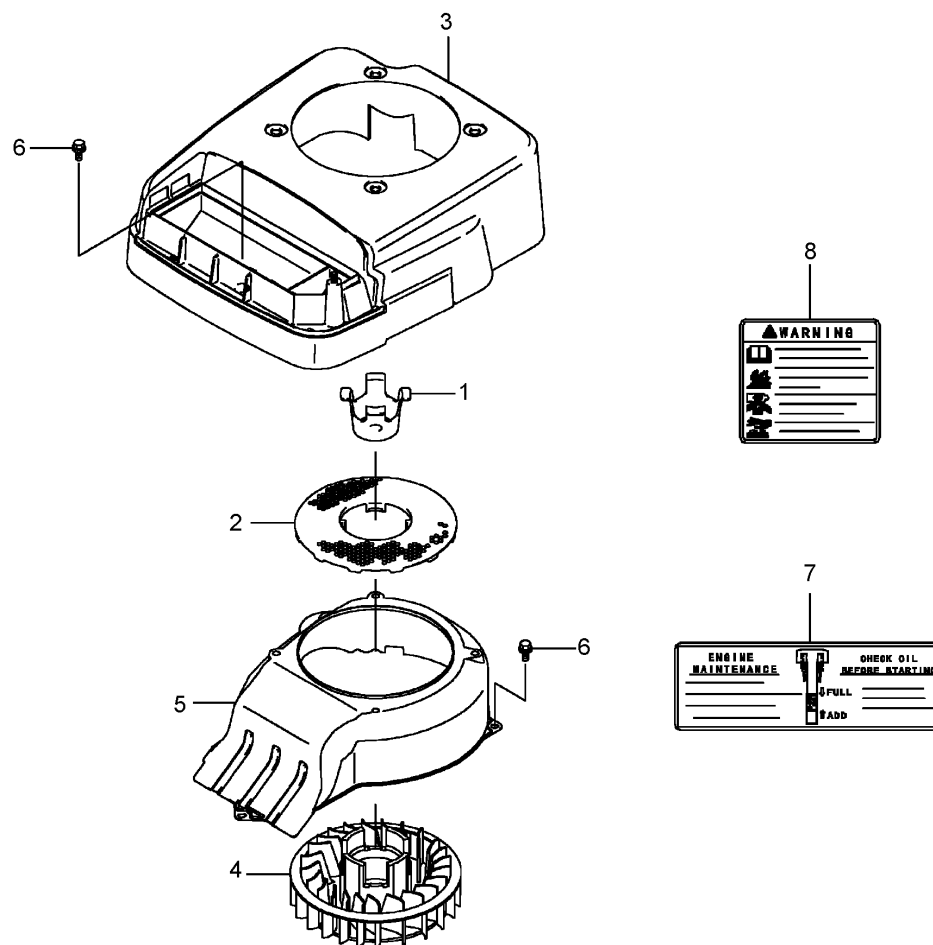
Valve and Camshaft Assembly

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				



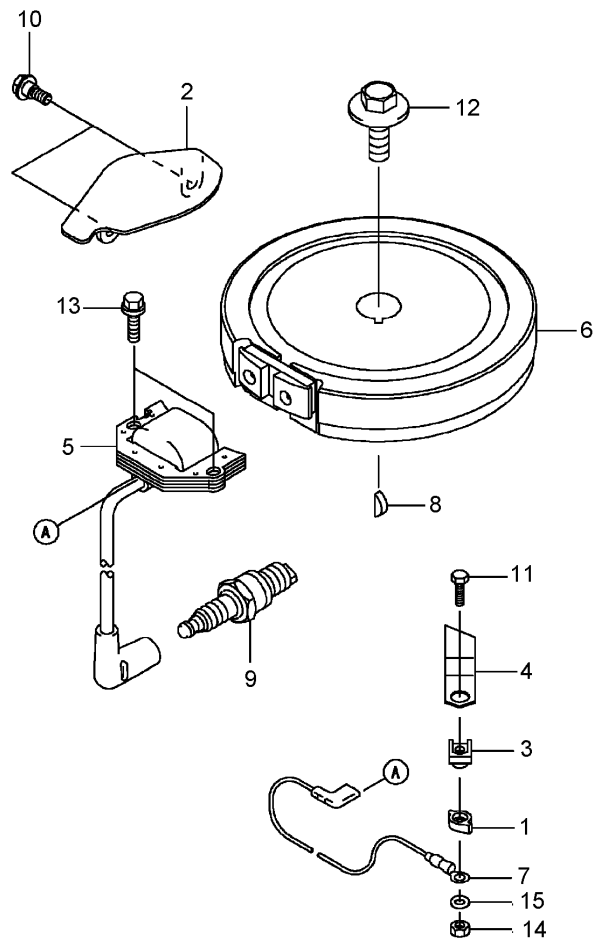
Lubrication Equipment Assembly

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				
14	112-9991	1	Plug- Oil Drain				
15	100-2690	1	O-Ring				



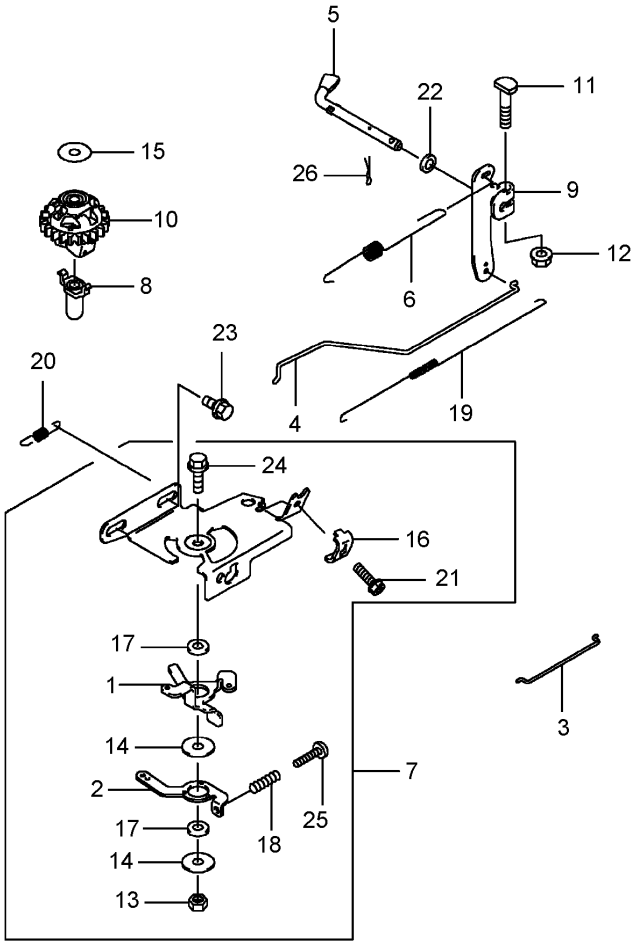
Cooling Equipment Assembly

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

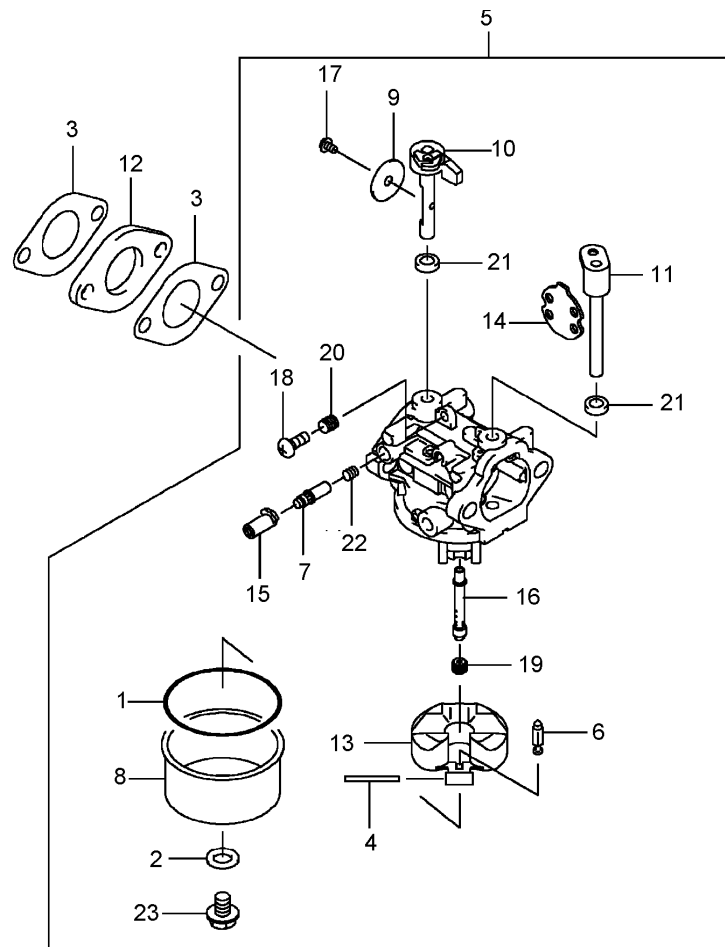
Ref	Part No.	Qty.	Description				
1	100-2652	1	Cover				
2	108-2553	1	Cover				
3	100-2653	1	Insulator				
4	100-2796	1	Terminal				
5	108-2554	1	Coil Ignition ASM				
6	108-2555	1	Flywheel				
7	108-2556	1	Wire-Lead				
8	93-8571	1	Key				
9	KW10676	1	Spark Plug				
10	108-2544	2	Bolt				
11	108-2558	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

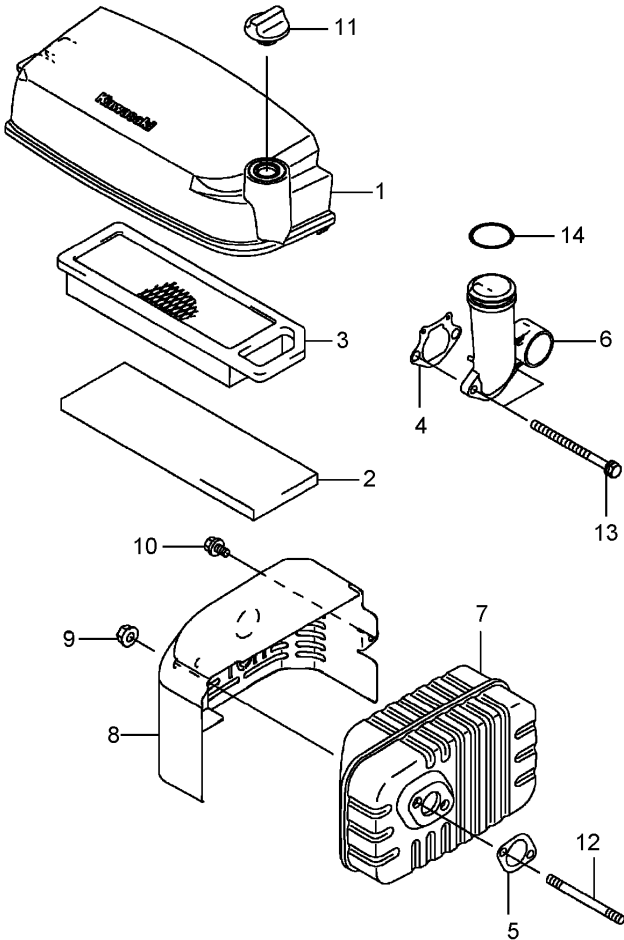
Ref	Part No.	Qty.	Description
1	108-2560	1	Lever
2	108-2561	1	Lever
3	108-2562	1	Link-Choke
4	108-2563	1	Link-Throttle
5	108-2564	1	Arm-Pivot
6	108-2565	1	Spring-Govenor
7	108-2566	1	Control Panel ASM
8	108-2567	1	Sleeve
9	108-2568	1	Arm-Governor
10	108-2569	1	Governor ASM
11	108-2570	1	Bolt
12	108-2571	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				

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