



ProLine 21” Recycler[®] /Rear Bagging Mower Model No. 22170 - 210000001 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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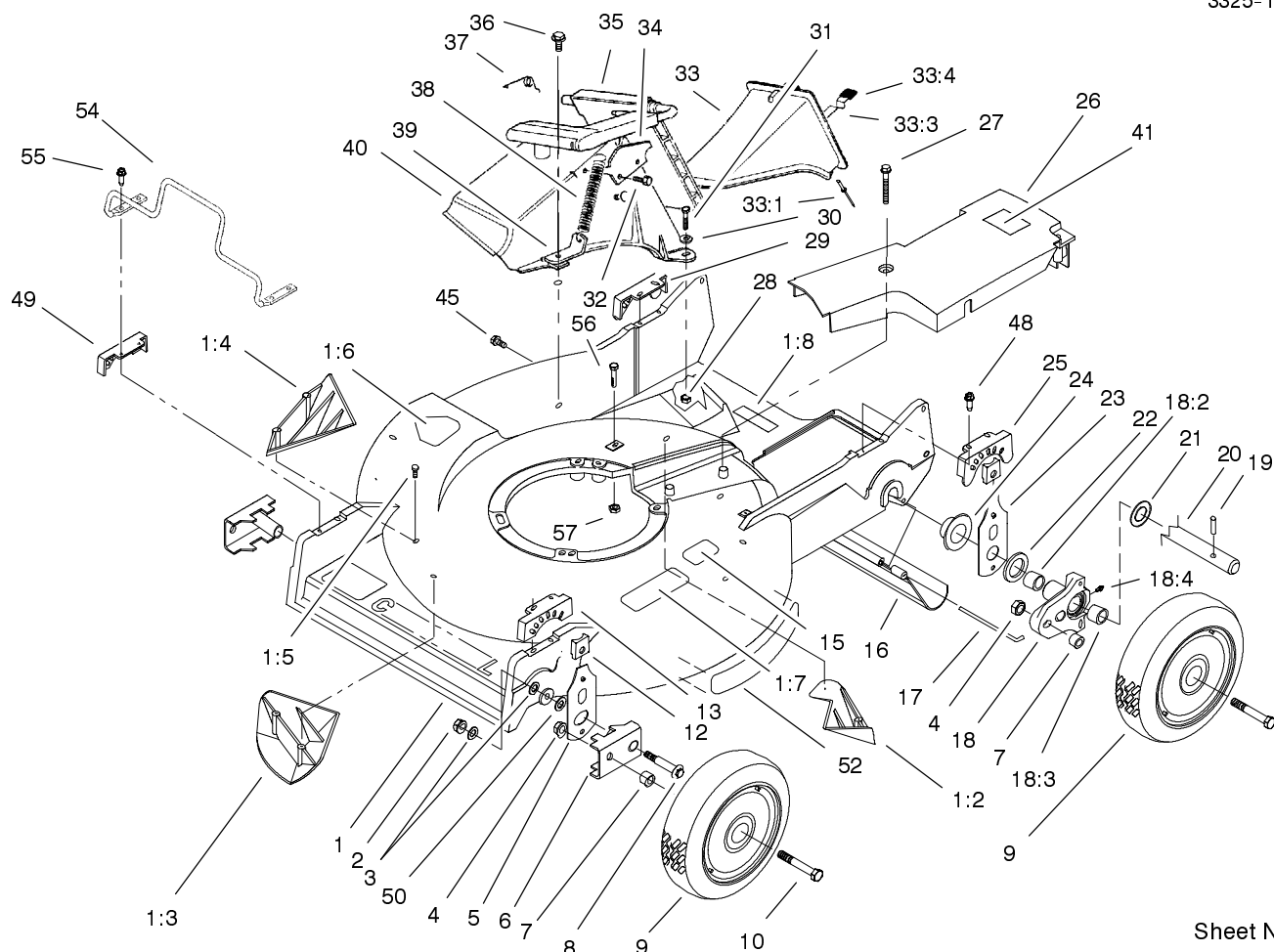
Accessories

Description	Model / Part No.	Description	Model / Part No.
.. Side Discharge Kit No.	59199		

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

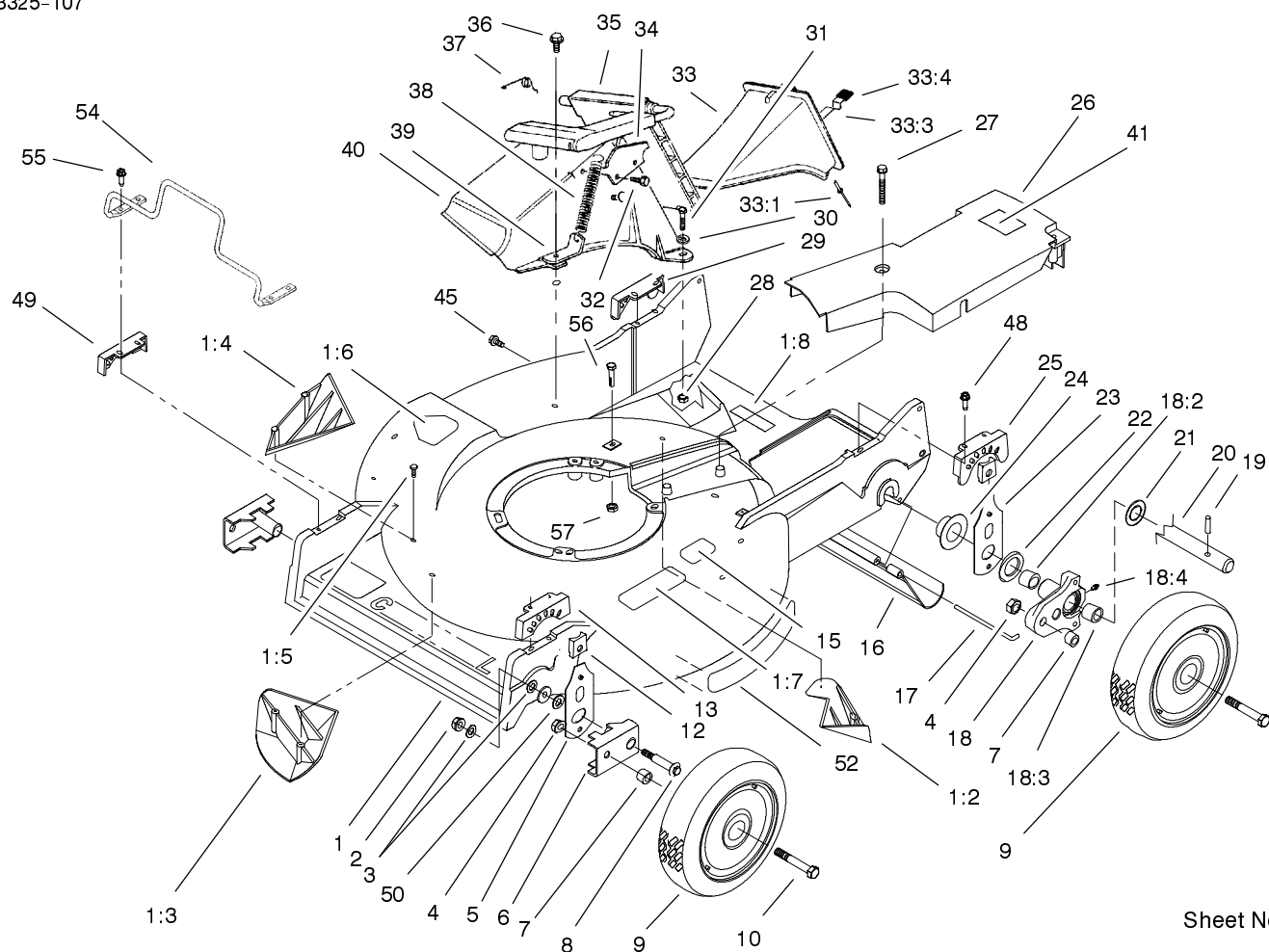
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HYD	hydraulic
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange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



Sheet No.:2

Housing Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-7139	1	Housing	20	49-8790	1	Shaft-Rear Axle
1:2	92-1750	1	Kicker-Rear	21	36-4780	4	Washer
1:3	92-1720	1	Kicker-Front	23	66-7561	2	Rear Spring Arm ASM
1:4	92-1730	1	Kicker-RH	24	48-2170	2	Cap-End
1:5	32144-111	6	Screw-PPH	25	49-8740	1	Quadrant-Rear, LH
1:6	39-5770	1	Decal-Danger	26	99-6296	1	Cover-Belt
1:7	93-0248	1	Decal - Warning	27	37-7260	2	Screw-HH
1:8	92-1779	1	Decal-Warning	28	3296-42	2	Nut-Lock, NI
2	3296-6	2	Nut-Lock, NI	29	49-8750	1	Quadrant-Rear, RH
3	40-1940	4	Washer	30	3256-22	2	Washer-Flat
4	32152-2	4	Nut-Conelock	31	321-7	2	Screw-HH
5	66-7560	2	Front Spring Arm ASM	32	46-8090	2	Screw-Plastite
6	61-8300	2	Arm-Pivot, Front	33	77-0500	1	Discharge Plug ASM
7	52-2480	4	Spacer-Wheel	33:1	3295-35	1	Rivet-Head, Flat
8	27-6232	2	Bolt-Wheel	33:3	76-4640	1	Latch-Plug, Discharge
9	53-7720	4	Wheel & Tire ASM	33:4	76-4650	1	Grip-Latch
10	323-12	4	Screw-HH	34	93-3154	1	Latch-Plate
12	25-7740	4	Knob-Arm	35	93-7351	1	Discharge Door ASM
13	49-8760	1	Quadrant-Front, LH	36	46-6811	1	Screw-HWH
16	44-0580	1	Shield-Trailing	37	80-3770	1	Retainer-Door
17	33-3208	1	Rod-Shield	38	76-4660	1	Spring-Door
18	42-3510	2	Pivot Arm ASM	39	71-9350	1	Bracket-Spring
18:2	302-56	1	Fitting-Zerk	40	82-9152	1	Tunnel-Discharge
18:3	47-2890	1	Bushing	41	52-2610	1	Label-HP Grease
18:4	47-2900	1	Bushing	45	46-6810	1	Screw & Washer ASM
19	32121-108	2	Pin-Spirol	48	49-2040	4	Screw-Tapping

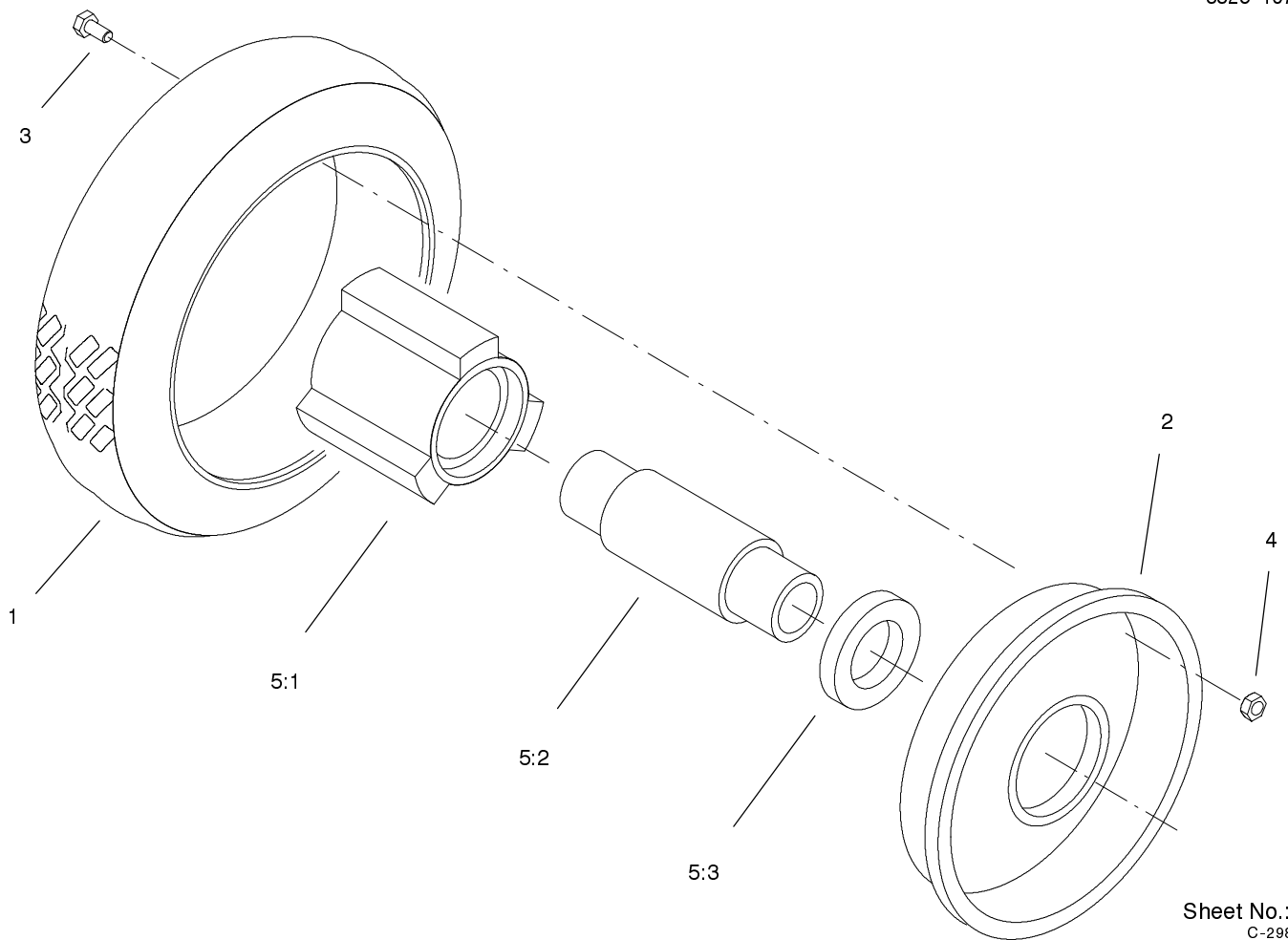


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Housing Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
49	49-8770	1	Quadrant-Front, RH
50	257-3	2	Washer-Thrust
52	92-7988	1	Decal - Recycler
54	99-6722	1	Guard-Engine
55	32144-86	4	Screw-HH
56	323-6	2	Screw-HH
57	3296-39	2	Nut-Lock, NI

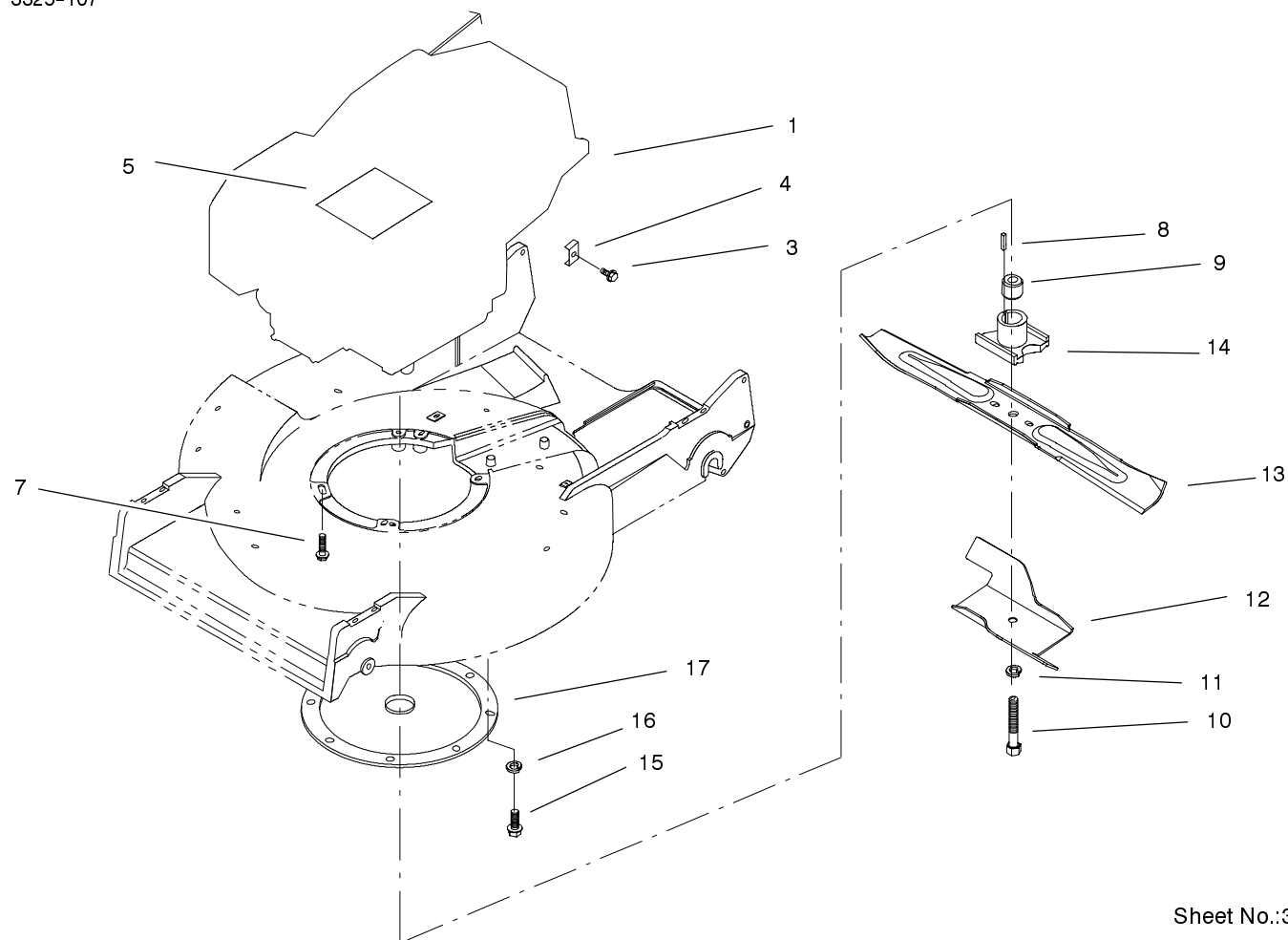
Ref. No.	Part No.	Qty.	Description



Wheel & Tire Assembly No. 53-7720

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

☆ Not serviced

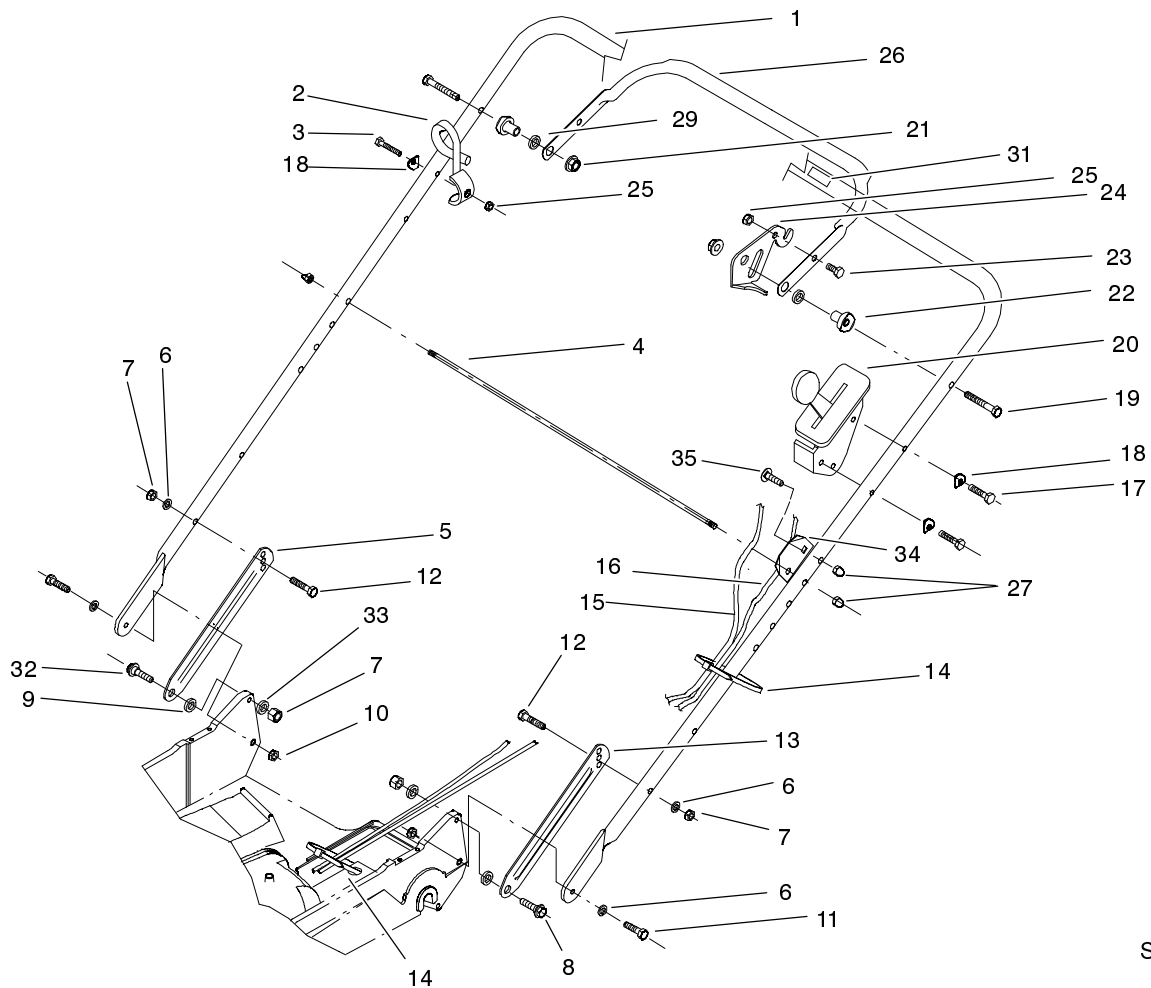


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Engine & Blade Assembly

Ref. No.	Part No.	Qty.	Description
1	104-1331	1	Engine-4cyc Zs, Kawasaki
3	95-9853	1	Bolt
4	95-9849	1	Clamp
5	104-1335	1	Decal-Engine
7	100-2835	3	Screw-Mount, Engine
8	27-8590	1	Key-Square
9	99-6279	1	Spacer-Blade Retainer
10	26-0670	1	Screw-Blade
11	3253-22	1	Washer-Lock
12	92-1599-03	1	Stiffener-Blade
13	14-9419	1	Blade
14	99-6283	1	Retainer-Blade
15	32144-70	3	Screw-HH
16	3254-6	3	Washer-Lock, Internal
17	48-2591	1	Protector-Crankshaft

Ref. No.	Part No.	Qty.	Description



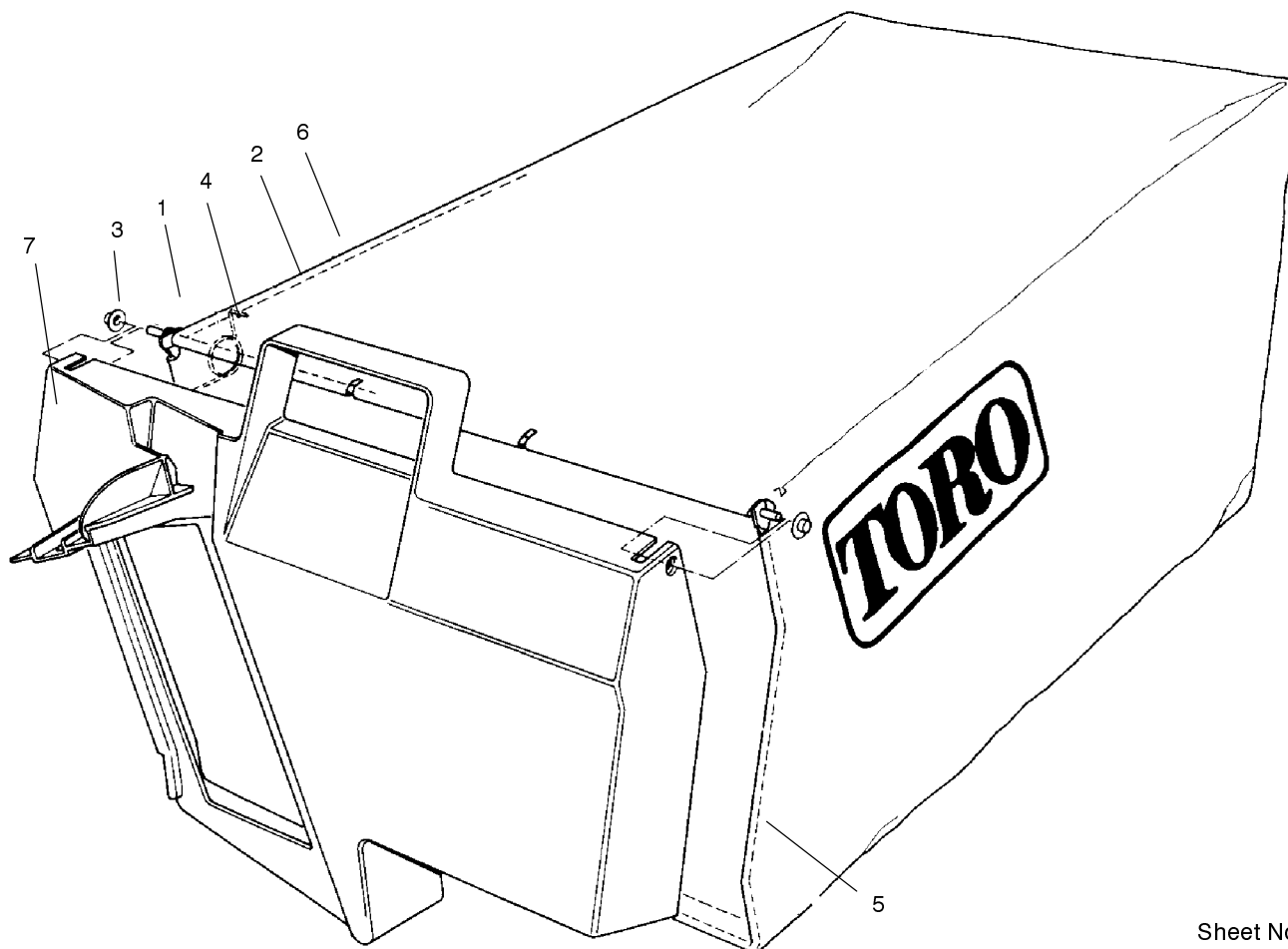
Sheet No.:4

Handle and Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	98-2000-03	1	Handle
2	46-8081	1	Guide-Rope
3	321-9	1	Screw-HH
4	48-2810	1	Rod-Support, Bag
5	100-3297-03	1	Latch-Handle, RH
6	3290-456	4	Washer-Belleville
7	3296-29	4	Nut-Lock
8	27-7210	1	Screw-Shoulder
9	3-3287	2	Spacer-Latch, Handle
10	3296-47	2	Nut-Lock, NI
11	322-6	2	Screw-HH
12	322-7	2	Screw-HH
13	100-3298-03	1	Latch-Handle, LH
14	3290-378	3	Tie-Cable
15	100-2838	1	Cable-Brake
16	70-1061	1	Cable-Throttle
17	321-13	2	Screw-HH
18	3-7501	3	Washer
19	322-11	2	Screw-HH
20	82-9950	1	Control-Throttle
21	3296-58	2	Nut-Lock NI
22	49-1630	2	Spacer-Support
23	321-4	1	Screw-HH
24	66-5350	1	Lever-Control
25	3296-42	2	Nut-Lock, NI
26	61-8270-03	1	Bar-Control

Ref. No.	Part No.	Qty.	Description
27	32111-7	3	Nut-Cap
28	32151-86	2	E-Ring
29	256-276	2	Spacer-Nylon
31	98-4387	1	Decal-Protection, Ear
32	27-7211	1	Screw-Shoulder
33	3256-23	2	Washer-Flat
34	104-1326	1	Plate - Bag Aligning
35	3229-3	1	Screw-CARR
*99	100-2512	1	Tube-Oil Drain

* Not illustrated

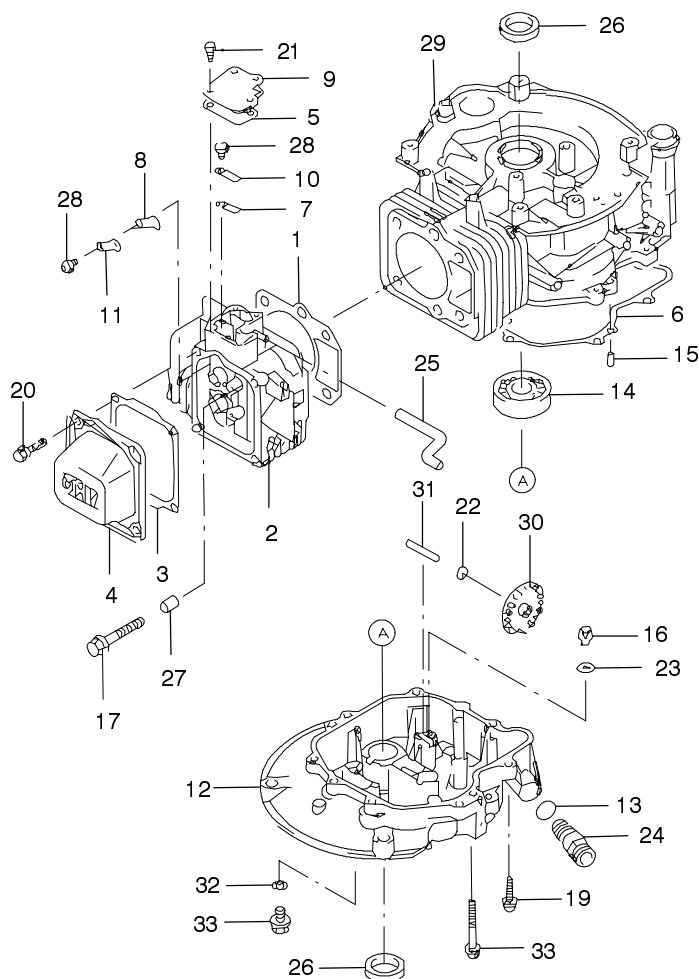


Sheet No.:A2
C-2992

Bagging Assembly No. 99-2535

Ref. No.	Part No.	Qty.	Description
1		1	Grass Bag ASM
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	98-9225	1	Bag-Grass
7	48-2840	1	Door-Bag, Grass

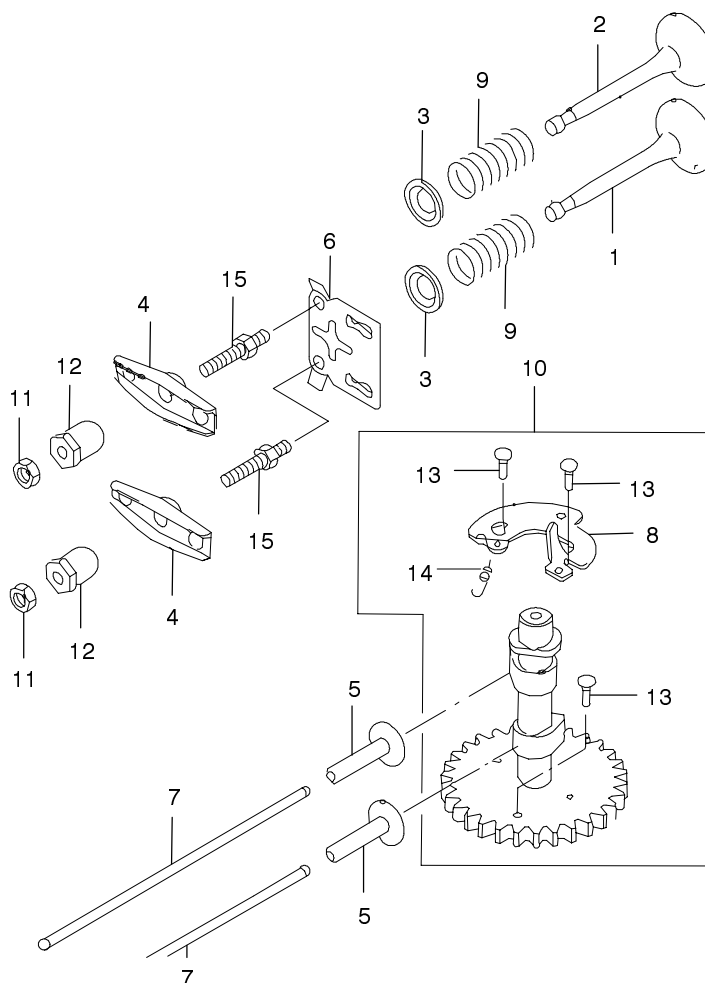
Ref. No.	Part No.	Qty.	Description



Sheet No.:3

Cylinder/Crankcase Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-2742	1	Gasket-Head	25	100-2846	1	Tube
2	100-2743	1	Head-Cylinder, Complete	26	100-2847	2	Seal-Oil
3	100-2744	1	Gasket-Case, Rocker	27	100-2848	2	Pin
4	100-2745	1	Case-Rocker	28	93-8549	2	Screw
5	100-2746	1	Cover-Gasket	29	100-2849	1	Crankcase-Complete
6	100-2747	1	Gasket-Cover, Crankcase	30	99-6728	1	Slinger-Oil
7	100-2748	1	Plate	31	99-6729	1	Shaft
8	100-2749	1	Plate	32	99-6730	1	Gasket
9	100-2779	1	Cover	33	100-2855	1	Bolt-Flanged
10	100-2780	1	Valve				
11	100-2781	1	Valve				
12	100-2782	1	Cover-Crankcase				
13	100-2840	1	O-Ring				
14	100-2841	1	Bearing-Ball				
15	93-8516	2	Pin				
16	100-2842	1	Bolt				
17	KW10035	4	Bolt-Flanged				
18	KW10033	1	Bolt-Flanged				
19	100-2610	6	Bolt-Flanged				
20	100-2804	4	Bolt-Flanged				
21	100-2609	4	Bolt-Flanged				
22	100-2843	1	Washer				
23	100-2844	1	Washer				
24	100-2854	1	Plug				

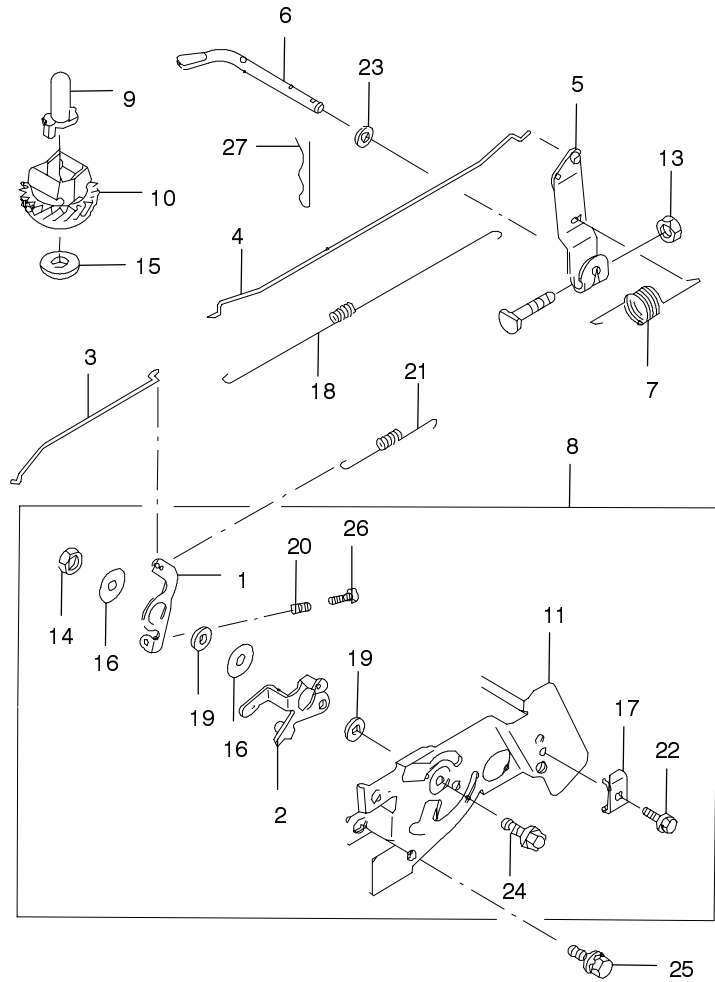


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Valves/Camshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2727	1	Valve-Intake
2	100-2728	1	Valve-Exhaust
3	100-2729	2	Retainer-Spring, Valve
4	100-2730	2	Arm-Rocker
5	100-2731	2	Tappet
6	100-2732	1	Guide
7	100-2733	2	Rod-Push
8	100-2734	1	Decompressor
9	100-2735	2	Spring-Valve, Engine
10	100-2736	1	Camshaft-Complete
11	93-8533	2	Nut
12	93-8534	2	Nut
13	100-2739	3	Pin
14	100-2740	1	Spring
15	100-2741	2	Bolt

Ref. No.	Part No.	Qty.	Description



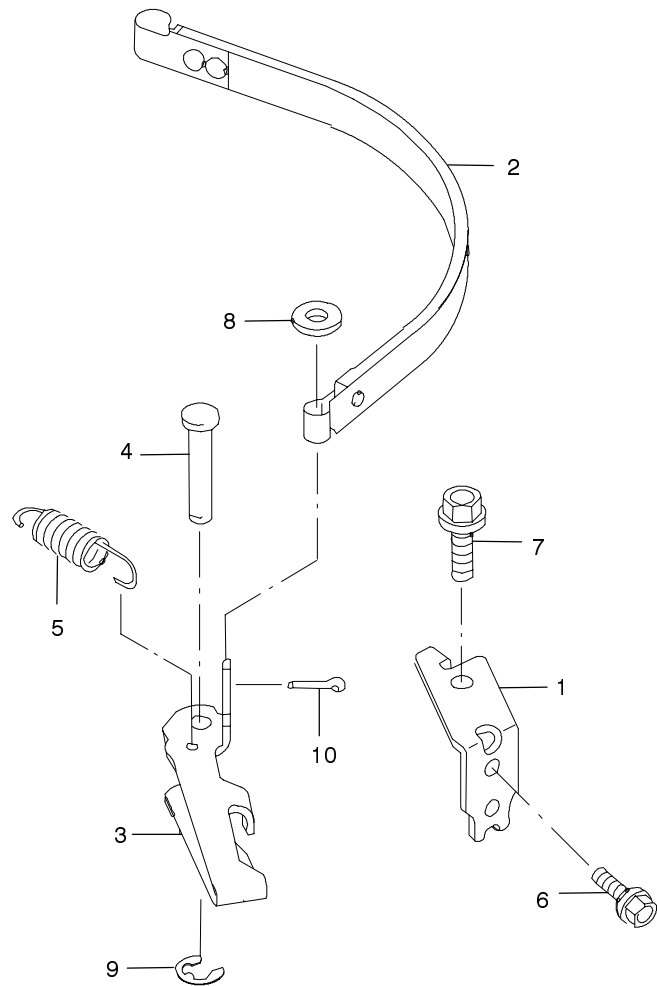
Sheet No.:5

Control Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2700	1	Lever
2	100-2701	1	Lever
3	100-2702	1	Link-Choke
4	100-2703	1	Link
5	100-2704	1	Arm ASM
6	100-2705	1	Arm-Pivot
7	100-2706	1	Spring-Governor
8	100-2707	1	Control Panel ASM
9	100-2708	1	Sleeve
10	93-8611	1	Governor ASM
11	100-2710	1	Panel-Control
*12	93-8608	1	Washer
13	93-8631	1	Nut
14	93-8595	1	Nut
15	94-6842	1	Washer
16	100-2715	2	Washer
17	95-9849	1	Clamp
18	100-2717	1	Link-Spring
19	100-2718	2	Collar
20	93-8588	1	Spring
21	100-2720	1	Spring
22	95-9853	1	Bolt
23	93-8608	1	Washer
24	95-9837	1	Bolt - Flanged
25	100-2724	2	Bolt

Ref. No.	Part No.	Qty.	Description
26	100-2725	1	Screw-Pan
27	93-8607	1	Pin-Snap

* Not illustrated

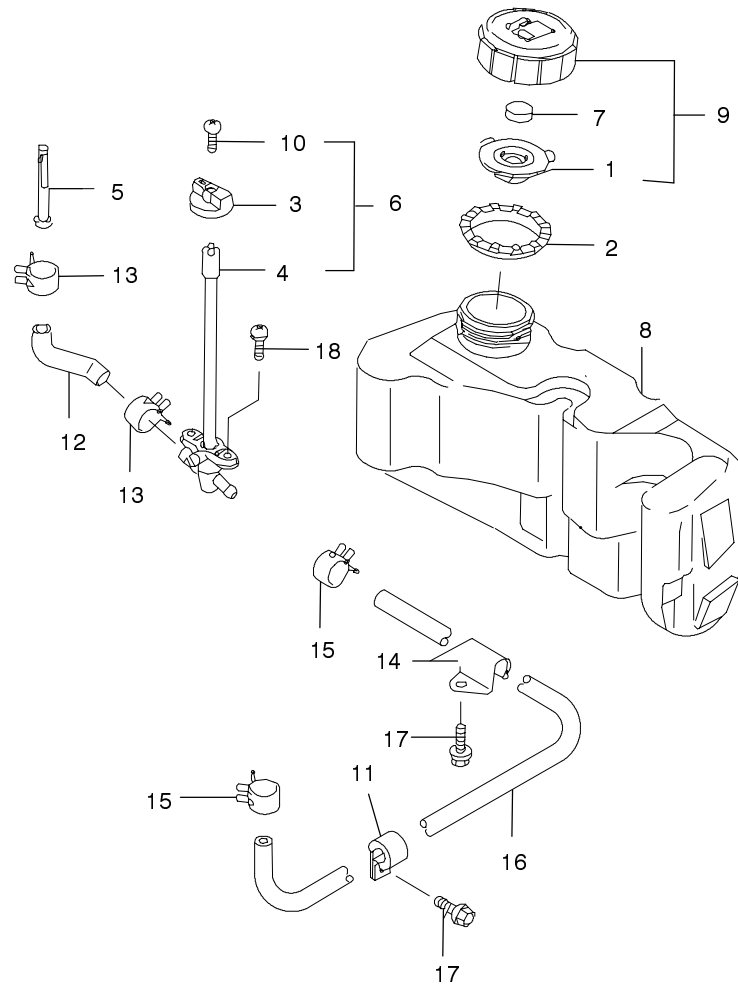


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Brake Band Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2783	1	Bracket
2	100-2784	1	Band-Brake
3	100-2785	1	Lever-Brake
4	100-2786	1	Pin
5	100-2787	1	Spring
6	100-2609	1	Bolt-Flanged
7	KW10029	1	Bolt, Flanged
8	100-2671	1	Washer Plain S
9	100-2791	1	Circlip-Type-E
10	100-2792	2	Pin Cotter

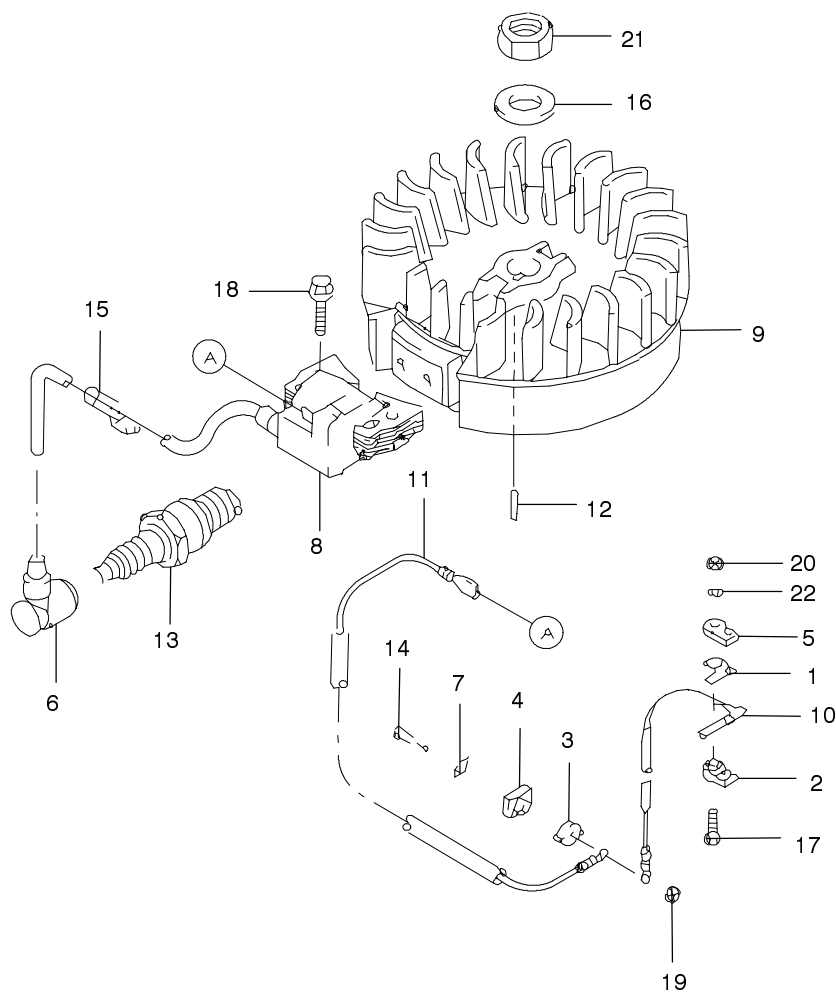
Ref. No.	Part No.	Qty.	Description



Sheet No.:7

Fuel Tank and Valve Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2808	1	Gasket
2	100-2809	1	Guide
3	100-2810	1	Lever
4	100-2811	1	Filter-Complete
5	100-2812	1	Filter-Fuel
6	100-2814	1	Valve - Fuel
7	100-2813	1	Element-Breather
8	100-2815	1	Tank-Fuel, Complete
9	100-2816	1	Tank Cap ASM
10	100-2817	1	Screw
11	100-2818	1	Clamp
12	100-2819	1	Tube
13	100-2820	2	Clamp
14	100-2821	1	Clamp
15	100-2822	2	Clamp
16	100-2823	1	Tube
17	100-2804	2	Bolt-Flanged
18	100-2825	2	Screw-Pan

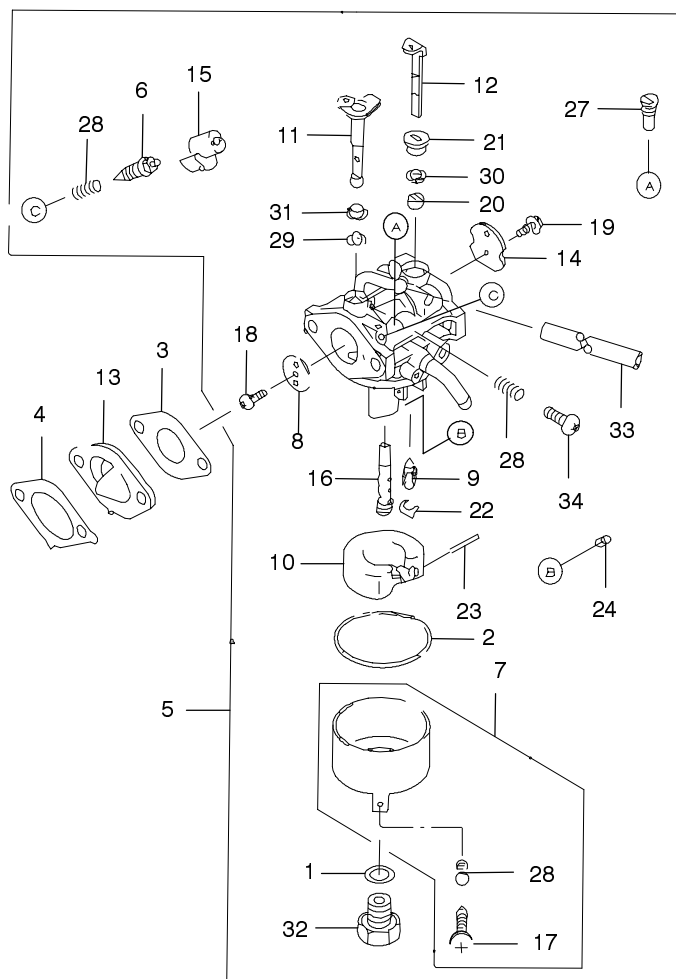


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Flywheel/Ignition Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2650	1	Plate
2	100-2651	1	Cover
3	100-2652	1	Cover
4	100-2653	1	Insulator
5	100-2654	1	Insulator
6	KW10087	1	Plug-Cap
7	100-2656	1	Terminal
8	100-2657	1	Ignition Coil ASM
9	100-2658	1	Flywheel-Complete
10	100-2659	1	Wire Lead
11	100-2660	1	Wire-Lead
12	93-8571	1	Key
13	KW10676	1	Plug-Spark
14	100-2663	1	Bolt
15	100-2664	1	Clamp
16	100-2665	1	Washer
17	100-2666	1	Bolt Upset
18	100-2610	2	Bolt-Flanged
19	100-2668	1	Nut-Hex
20	100-2669	1	Nut Hex
21	93-8568	1	Nut
22	100-2671	1	Washer Plain S

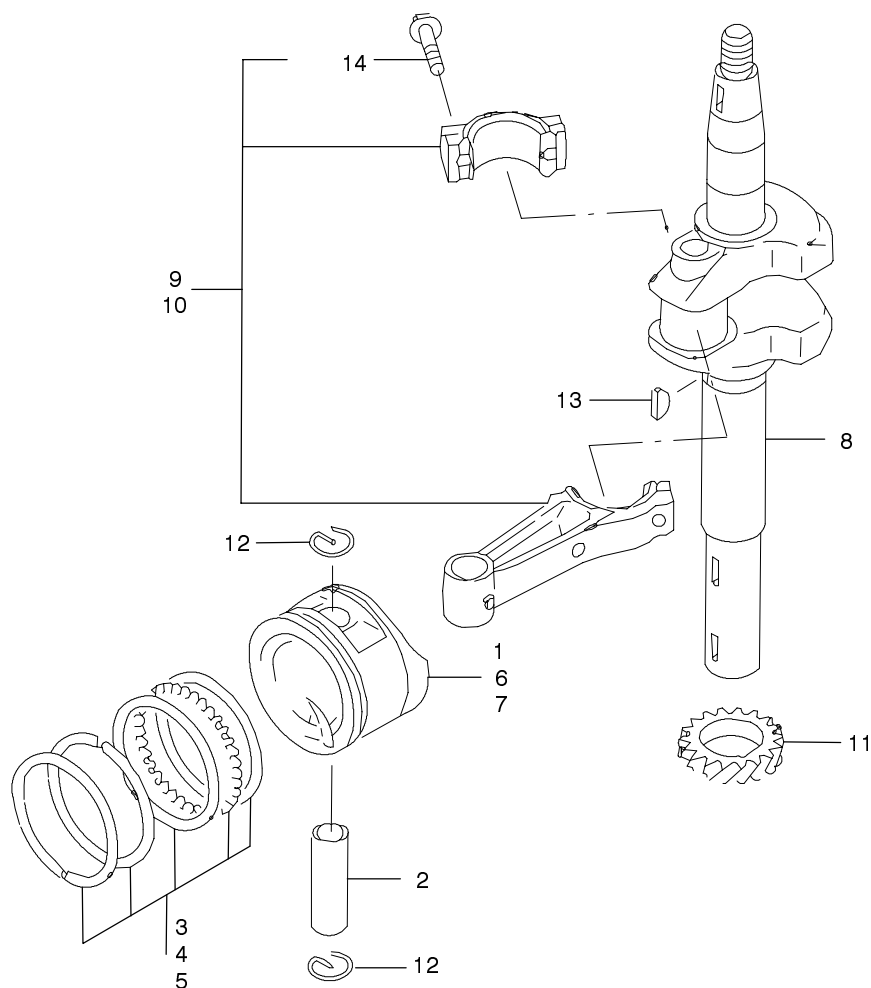
Ref. No.	Part No.	Qty.	Description



Sheet No.:9

Carburetor Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-2611	1	Gasket	27	100-2635	1	Jet-Pilot
2	100-2612	1	Gasket	28	100-2636	3	Spring
3	100-2613	1	Gasket-Carburetor	29	100-2637	1	Seal
4	100-2614	1	Gasket-Insulator	30	100-2638	1	Seal
5	100-2615	1	Carburetor ASM	31	100-2639	1	Collar
6	100-2616	1	Screw-Pilot, Air	32	100-2640	1	Bolt
7	100-2617	1	Float-Chamber	33	100-2641	1	Tube
8	100-2618	1	Valve-Throttle	34	100-2642	1	Screw-Pan
9	100-2619	1	Valve-Float				
10	100-2620	1	Float				
11	100-2621	1	Shaft-Throttle, Carburetor				
12	100-2622	1	Shaft-Choke, Carburetor				
13	100-2623	1	Insulator				
14	100-2624	1	Valve				
15	100-2625	1	Limiter				
16	100-2626	1	Nozzle-Main				
17	100-2627	1	Screw				
18	100-2628	1	Screw				
19	100-2629	2	Screw				
20	100-2630	1	Collar				
21	100-2631	1	Collar				
22	KW10297	1	Clip				
23	100-2633	1	Pin				
24	100-2634	1	Jet-Main				

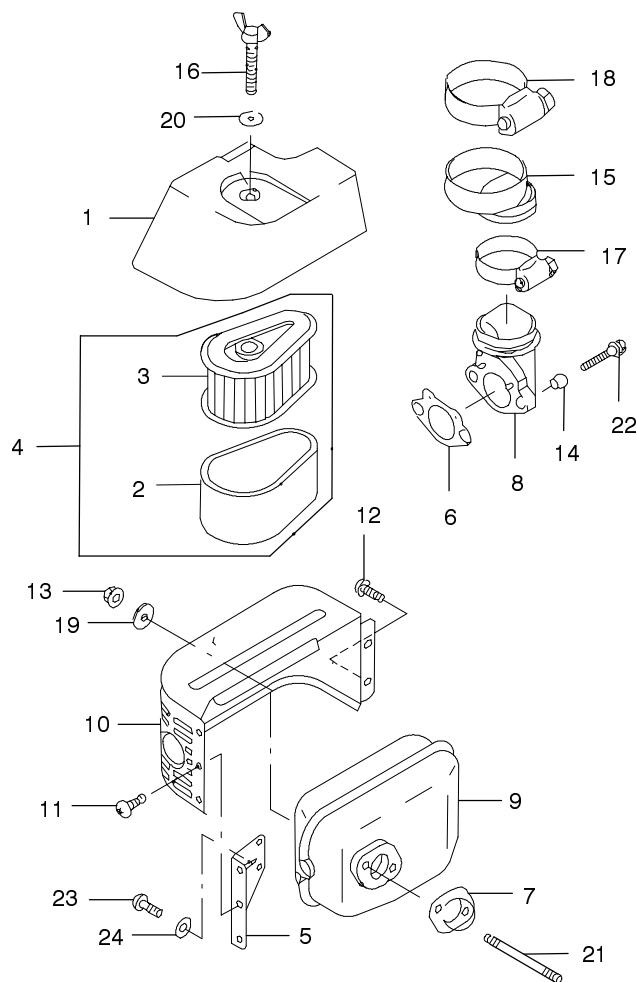


Sheet No.:10

Piston/Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2672	1	Piston-Engine
2	100-2673	1	Pin-Piston
3	100-2674	1	Set-Ring, Piston
4	100-2675	1	Set-Ring, Piston-L0.25
5	100-2676	1	Set-Ring, Piston-L0.50
6	100-2677	1	Piston-Engine, L0.25
7	100-2678	1	Piston-Engine, L0.50
8	100-2679	1	Crankshaft
9	100-2680	1	Connecting Rod ASM
10	100-2681	1	Connecting Rod ASM (U/S=0.50)
11	100-2682	1	Gear-Helical
12	100-2683	2	Ring-Snap
13	93-8526	1	Key
14	93-8527	2	Bolt-Rod

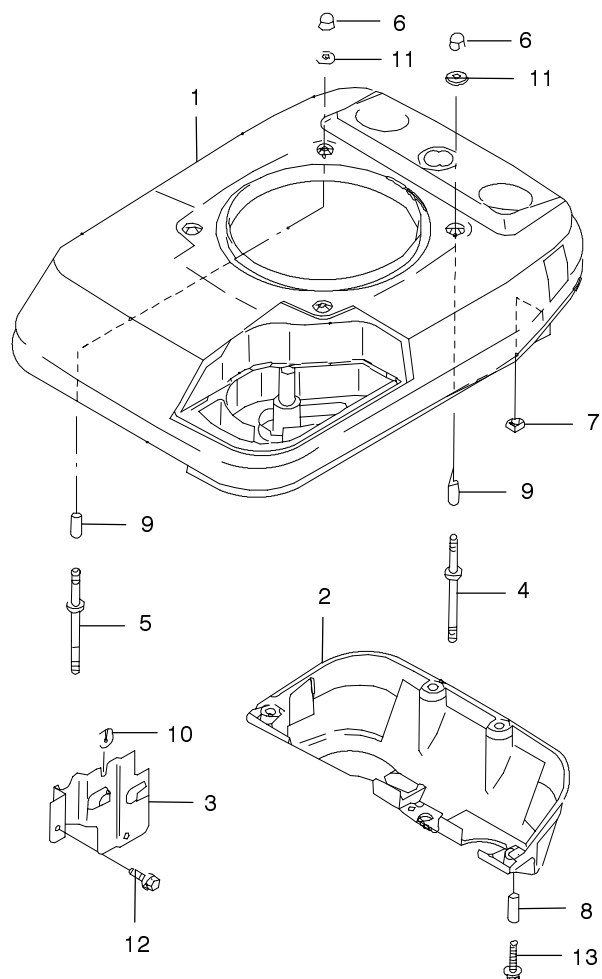
Ref. No.	Part No.	Qty.	Description



Sheet No.:11

Air Filter/Muffler Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-2691	1	Cap-Filter, Air				
2	100-2692	1	Element-Filter, Air				
3	100-2693	1	Element-Filter, Air				
4	100-2694	1	Air Filter Element ASM				
5	100-2695	1	Bracket				
6	100-2696	1	Gasket-Pipe, Intake				
7	100-2697	1	Gasket-Muffler				
8	100-2698	1	Pipe-Intake				
9	100-2699	1	Muffler-Complete				
10	100-2750	1	Cover-Muffler				
11	93-8549	3	Screw				
12	95-9716	2	Screw				
13	93-8631	2	Nut				
14	100-2754	2	Spacer				
15	100-2755	1	Tube				
16	100-2756	1	Bolt				
17	100-2757	1	Clamp				
18	100-2758	1	Clamp				
19	100-2759	2	Washer				
20	100-2760	1	Washer				
21	100-2761	2	Bolt-Stud				
22	100-2762	2	Bolt				
23	100-2763	2	Screw-Pan				
24	93-8639	2	Washer				

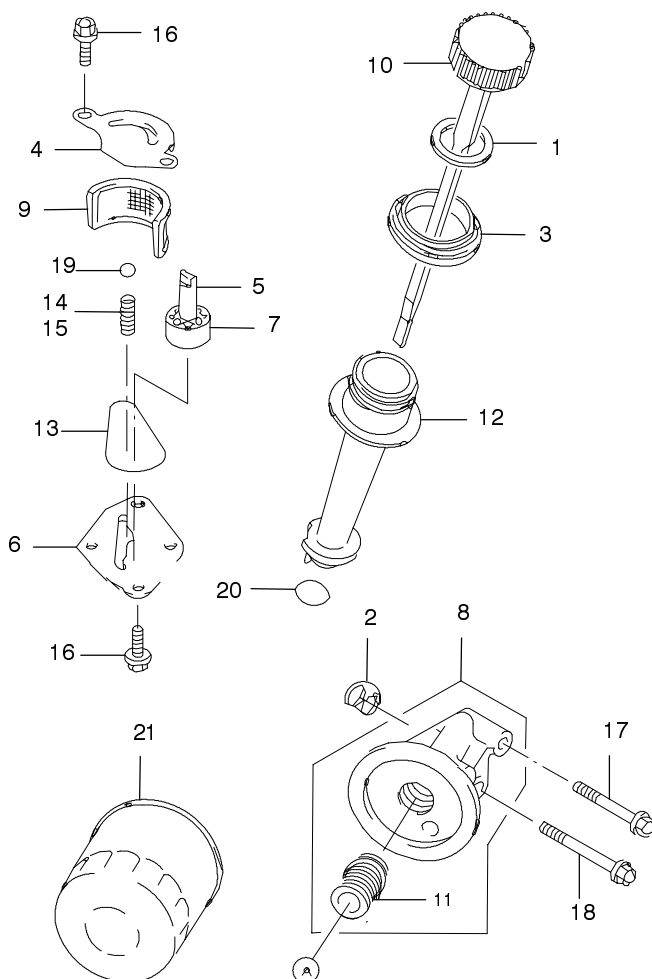


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Cover/Cooling Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2600	1	Cover-Upper
2	100-2793	1	Cover-Lower
3	100-2794	1	Cover
4	100-2601	3	Stud
5	100-2602	1	Stud
6	100-2603	4	Nut
7	100-2604	4	Nut
8	100-2606	4	Spacer
9	100-2605	4	Spacer
10	100-2607	1	Grommet
11	100-2760	4	Washer
12	100-2609	2	Bolt-Flanged
13	100-2610	4	Bolt-Flanged

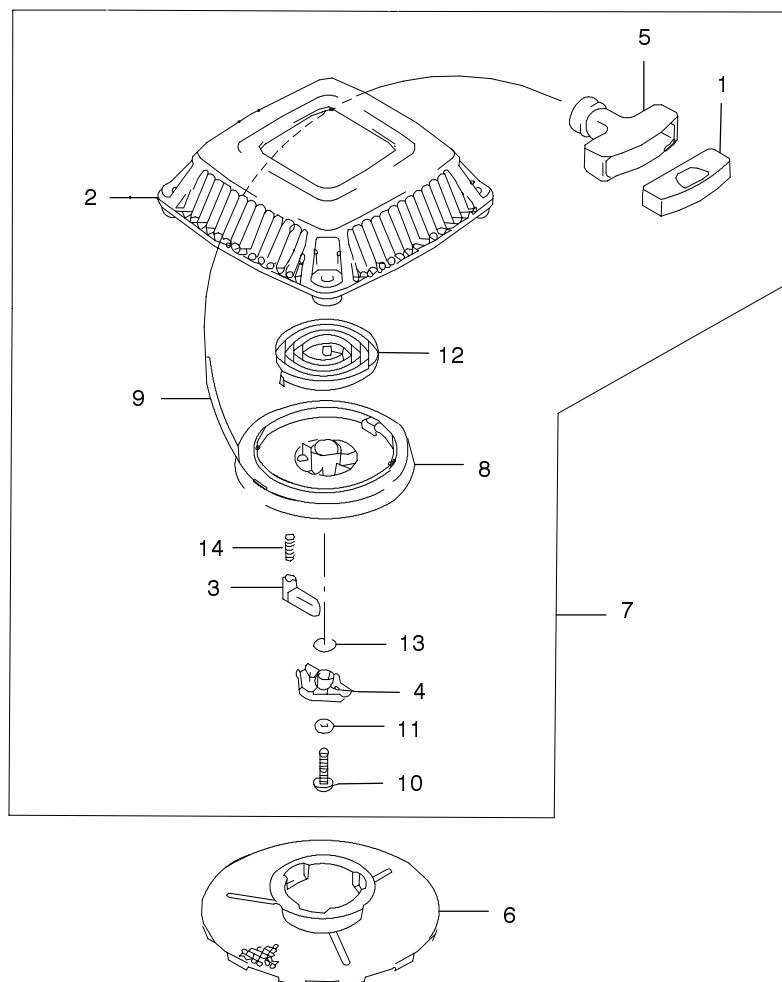
Ref. No.	Part No.	Qty.	Description



Sheet No.:13

Dipstick/Oil Filter Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	KW10010	1	Gasket				
2	100-2644	1	Gasket				
3	100-2687	1	Guide				
4	100-2645	1	Plate				
5	100-2643	1	Pump ASM Oil				
6	100-2646	1	Cover Pump				
7	100-2647	1	Rotor Pump				
8	100-2648	1	Pipe Complete				
9	100-2649	1	Filter - Screen				
10	100-2688	1	Gauge				
11	95-9715	1	Joint				
12	100-2689	1	Filler				
13	100-2801	1	Ring O				
14	100-2802	1	Spring				
15	100-2803	1	Spring				
16	100-2804	6	Bolt-Flanged				
17	100-2805	2	Bolt-Flanged				
18	100-2806	1	Bolt-Flanged				
19	100-2807	1	Ball-Steel				
20	100-2690	1	O-Ring				
21	KW10761	1	Filter-Oil				



Sheet No.:14

Recoil Starter Assembly

Ref. No.	Part No.	Qty.	Description
1	94-9044	1	Cap - Grip
2	100-2766	1	Holder
3	100-2767	1	Pawl-Starter, Recoil
4	100-2768	1	Retainer-Spring
5	100-2769	1	Grip-Starter, Recoil
6	100-2770	1	Pulley-Starting
7	100-2771	1	Starter-Recoil
8	100-2772	1	Reel-Starter, Recoil
9	100-2836	1	Rope Recoil 3.8x2610
10	100-2774	1	Screw
11	100-2775	1	Washer
12	100-2776	1	Spring-Recoil
13	100-2777	1	Spring
14	93-8555	1	Spring-Return

Ref. No.	Part No.	Qty.	Description

Maintenance Record

[illegible]

Maintenance Record

[illegible]

Maintenance Record

[illegible]

