



Greensmaster® Flex™ 21

Model No. 04021 - 240001001 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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

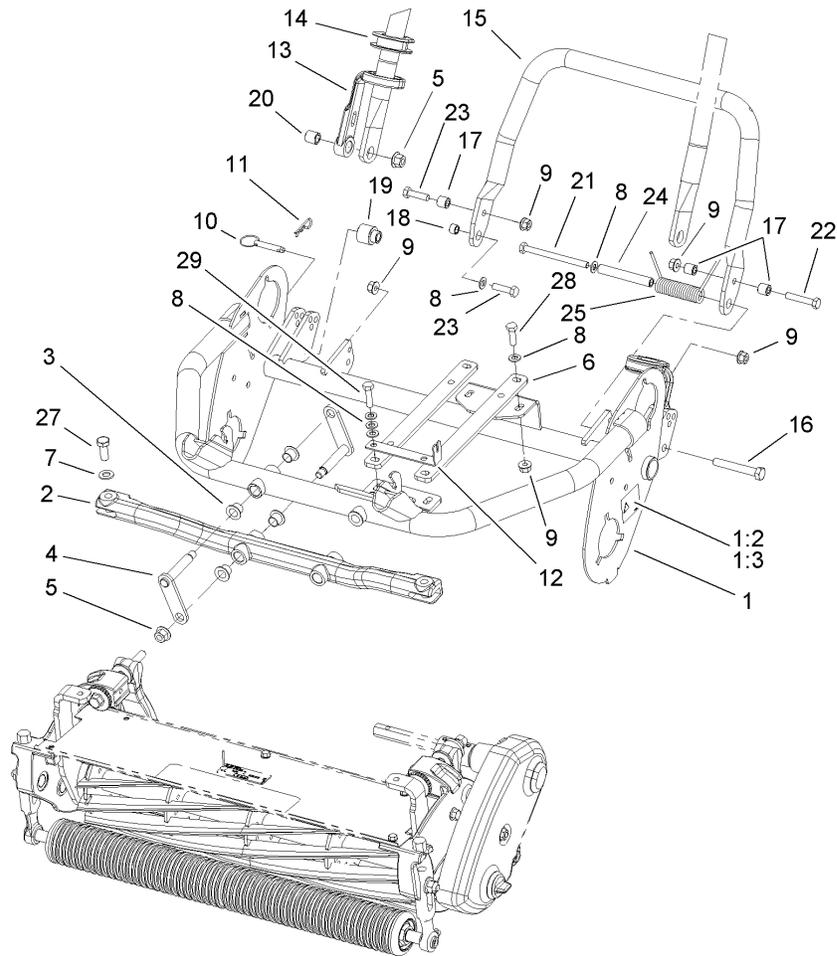
AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	PPH.	phillips pan head
GA.	gauge	PTH.	phillips truss head
HF.	hex flange	PTO.	power take off
HH.	hex head	RH.	right hand
HHF.	hex head flange	SFH.	slotted fillister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

Footnotes

- ❶ Not serviced separately

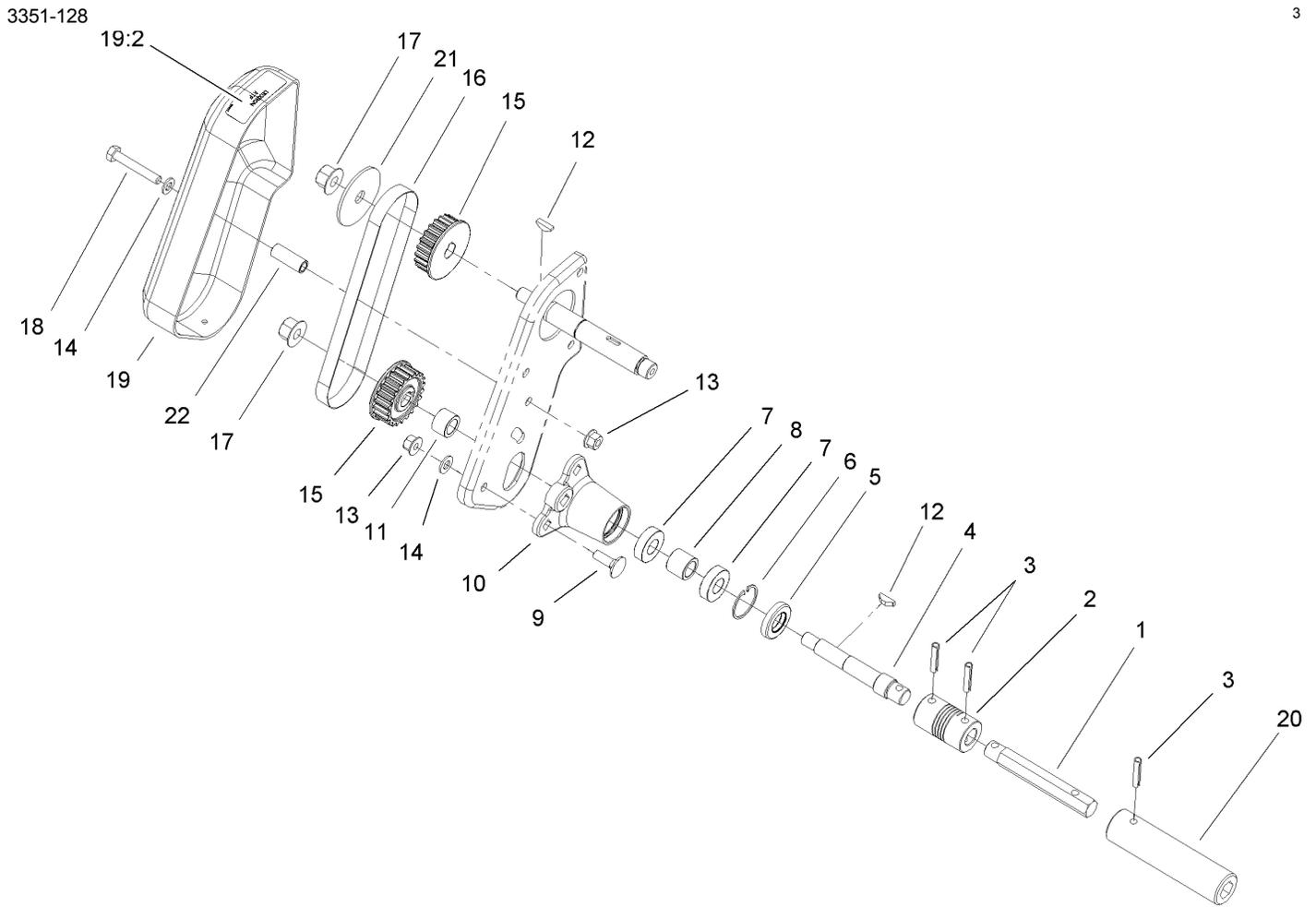
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Frame Assembly

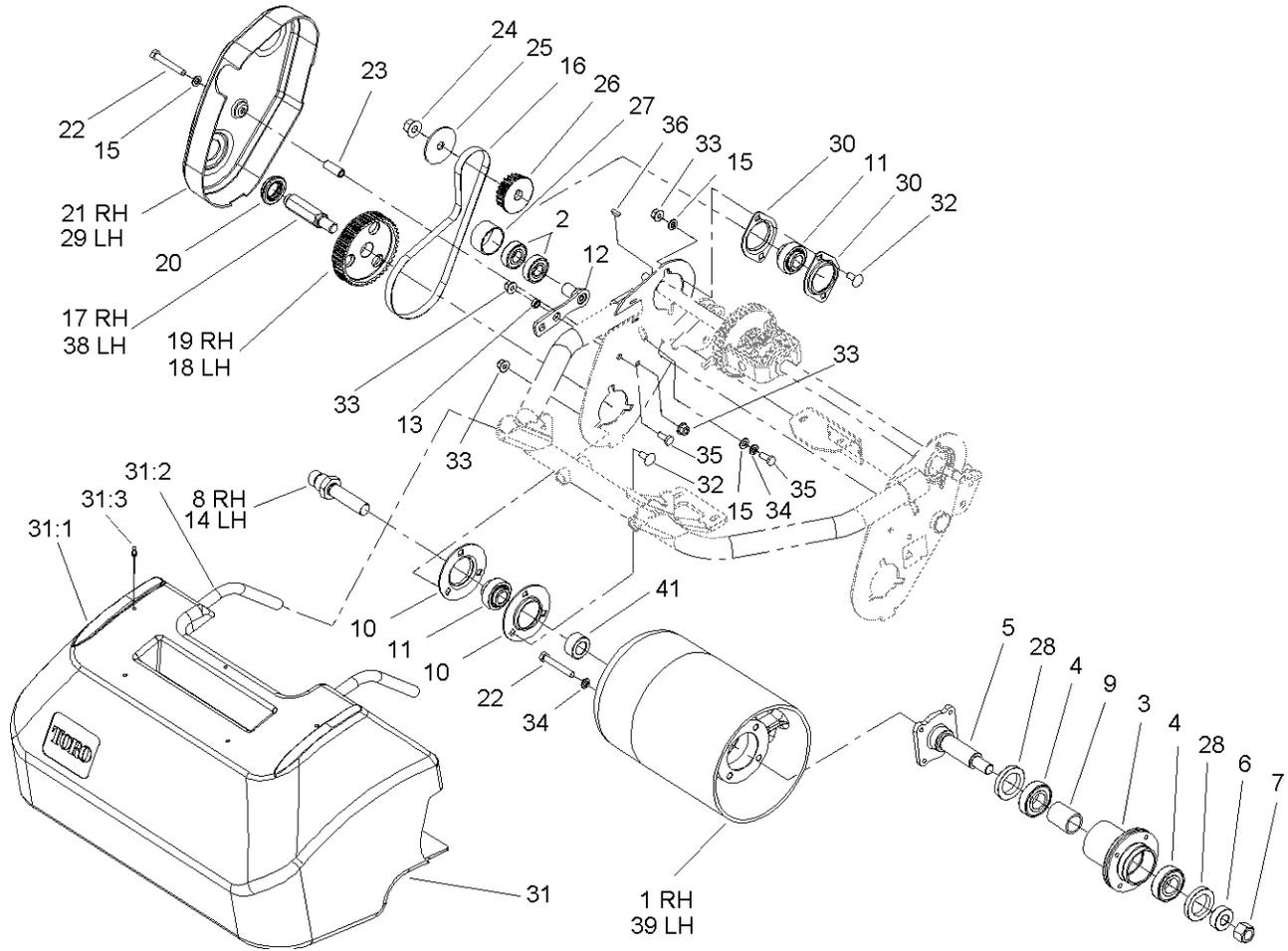
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-8408	1	Rear Frame ASM	23	33114-030	2	Screw-HH
1:2	93-9356	2	Decal-Warning, Belt	24	104-0502	1	Spacer-Kickstand, Long
1:3	93-9389	2	Decal-Warning, Belt (Japan)	25	99-2011	1	Spring-Torsion
2	104-9798-01	1	Front Frame ASM	27	33115-025	2	Screw-HH
3	93-2561	8	Bushing-Flange	28	33114-025	3	Screw-HH
4	99-2063	4	Link ASM	29	33114-030	1	Screw-HH
5	104-2611	6	Nut-HF				
6	99-2070-01	2	Base-Engine				
7	33095-00	2	Washer-Flat				
8	33094-00	8	Washer-Flat				
9	104-2612	8	Nut-HF				
10	93-6029	2	Pin-Clevis, Ring				
11	3290-467	2	Pin-Hair				
12	105-9939	1	Strap-Support, Cable				
13	99-3774-03	2	Arm-Handle				
14	65-7510	2	Grommet-Handle				
15	99-3778-03	1	Kickstand				
16	33115-070	2	Screw-HH				
17	93-6024	3	Bushing-Support, Handle				
18	65-7910	1	Spacer				
19	99-2053	2	Pin-Pivot				
20	99-2058	2	Spacer-Support, Handle				
21	33114-100	1	Screw-HH				
22	33114-045	1	Screw-HH				



Reel Drive Assembly

Ref	Part No.	Qty.	Description
1	99-3760	1	Shaft-Hex
2	99-3757	1	Coupling-Flex
3	32121-69	3	Pin-Spring
4	99-3756	1	Shaft
5	107-3205	1	Seal-Oil
6	32151-51	1	Ring-Retaining
7	251-336	2	Bearing-Ball
8	99-2079	1	Spacer
9	33124-025	2	Screw-CARR
10	99-2083	1	Housing-Bearing
11	99-2080	1	Spacer
12	3257-30	2	Key-Woodruff
13	104-2612	3	Nut-HF
14	33094-00	3	Washer-Flat
15	107-9044	2	Pulley-22 Tooth
16	99-2022	1	Belt
17	104-2610	2	Nut-HF
18	33114-050	1	Screw-HH
19	105-2413	1	Belt Cover ASM
19:2	105-2411	1	Decal-Oil, HYD
20	99-3759	1	Tube-Hex
21	104-0532	1	Washer-Pulley
22	99-2033	1	Spacer-Cover

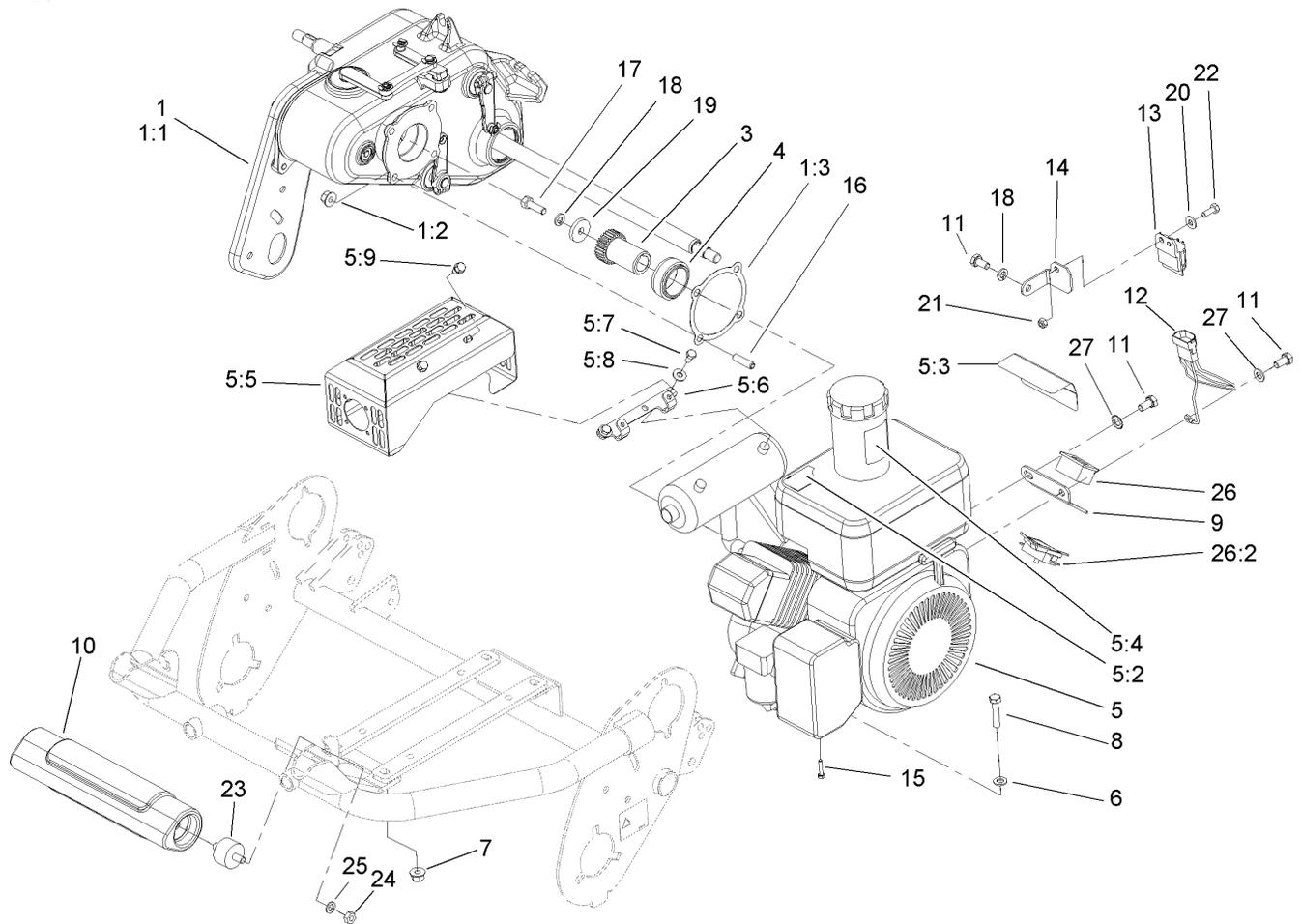
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Drum Drive and Basket Assembly

Ref	Part No.	Qty.	Description
1	107-3210	1	Drum-Traction, RH
2	38-7820	4	Bearing-Ball
3	107-3214	1	Hub-Drum
4	251-82	2	Bearing-Ball
5	107-3215	1	Spindle-Drum
6	65-6530	1	Spacer-Ride, Seal
7	33028-00	1	Nut-Lock, NI
8	107-3206	1	Shaft-Drum, RH
9	65-6520	1	Spacer
10	65-6710	4	Flangette-Bearing
11	106-8448	4	Bearing-Extended Race
12	105-5345	2	Idler
13	99-2018	2	Spacer-Arm, Idler
14	107-3207	1	Shaft-Drum, LH
15	33094-00	8	Washer-Flat
16	99-2023	2	Belt-Drum
17	107-3216	1	Shaft-Transport Wheel, RH
18	107-9049	1	Pulley-Drum, LH
19	107-9048	1	Pulley-Drum, RH
20	104-0533	2	Seal-Cover, Drum
21	105-5326	1	Cover-Drum, RH
22	33114-060	10	Screw-HH
23	105-5334	2	Spacer-Cover
24	104-2610	2	Nut-HF

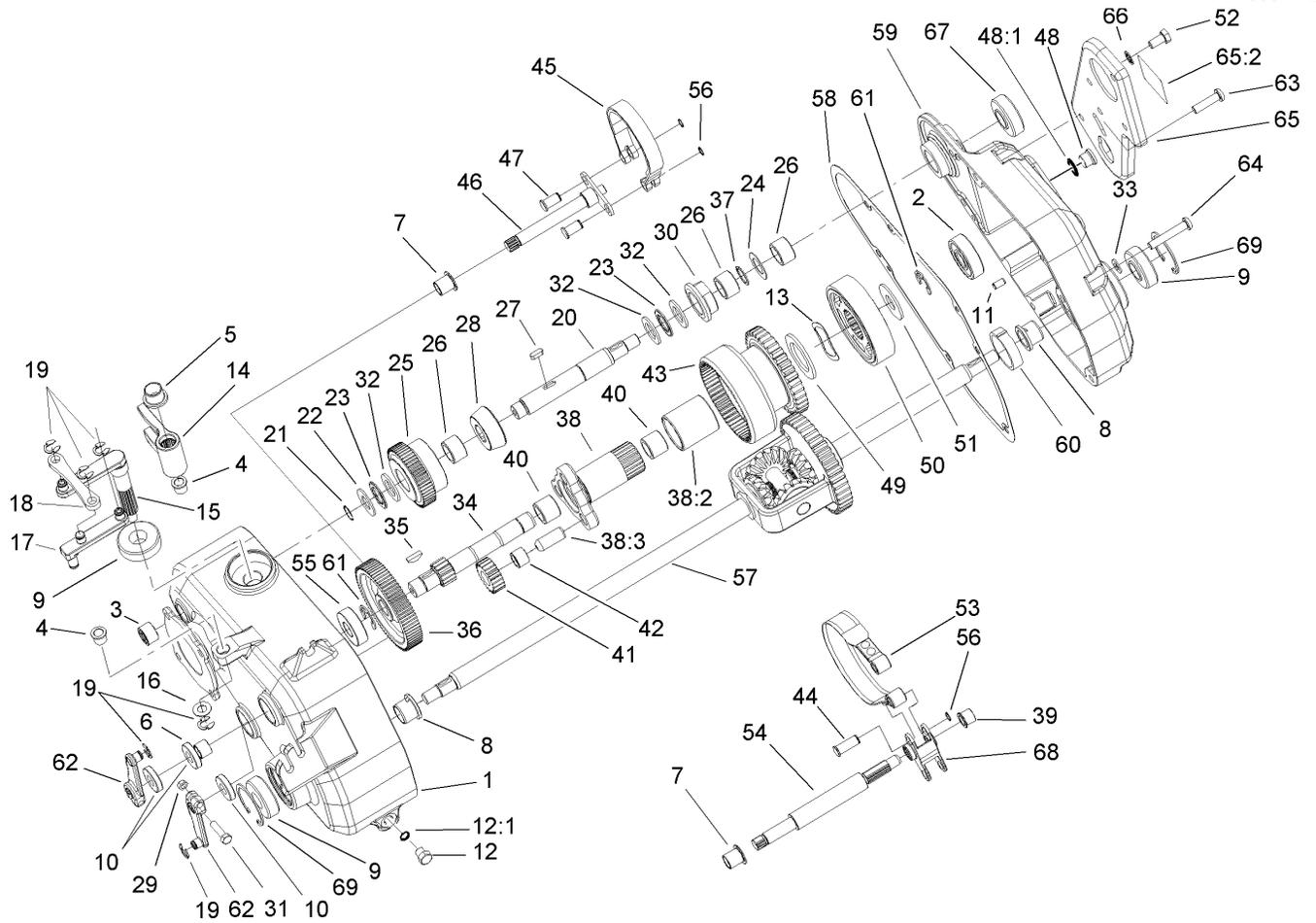
Ref	Part No.	Qty.	Description
25	104-0532	2	Washer-Pulley
26	107-9044	2	Pulley-22 Tooth
27	104-2609	2	Sleeve-Pulley
28	253-159	2	Seal
29	105-5327	1	Cover-Drum, LH
30	700083	4	Flangette-Bearing
31	104-2600	1	Basket ASM
31:1	105-2439	1	Basket-Grass
31:2	99-4282-03	1	Basket Frame ASM
31:3	3269-28	5	Rivet-Pop
32	33124-020	10	Screw-CARR
33	104-2612	14	Nut-HF
34	3253-4	10	Washer-Lock
35	33114-020	4	Screw-HH
36	3257-30	2	Key-Woodruff
38	107-3224	1	Shaft-Transport Wheel, LH
39	107-3211	1	Drum-Traction, LH
41	106-8417	2	Spacer-Shaft, Drum



Engine Assembly

Ref	Part No.	Qty.	Description
1	107-9000	1	Gearbox ASM
1:1		1	Gearbox ASM
1:2	104-2612	4	Nut-HF
1:3	99-2052	1	Gasket-Flange
3	99-2002	1	Gear-Engine
4	99-2001	1	Adapter-Engine
5	107-7603	1	Engine Asm, Kawasaki Fe120d
5:2	105-5309	1	Decal-Surface, Hot
5:2	83-2560	1	Decal-Surface, Hot (Japan)
5:3	92-4813	1	Decal-Danger (Japan)
5:3	93-7348	1	Decal-Danger
5:4	93-9886	1	Decal-Fuel
5:5	104-9784-03	1	Guard-Muffler
5:6	104-9771	2	Bracket-Guard, Muffler
5:7	33113-012	4	Screw-HH
5:8	3256-22	4	Washer-Flat
5:9	104-2628	4	Screw-HWH
6	33094-00	4	Washer-Flat
7	104-2612	8	Nut-HF
8	33114-040	4	Screw-HH
9	104-2622	1	Bracket-Meter, Hour
10	107-3223-01	1	Damper ASM
11	33114-016	3	Screw-HH
12	105-5323	1	Module-Harness, Wire

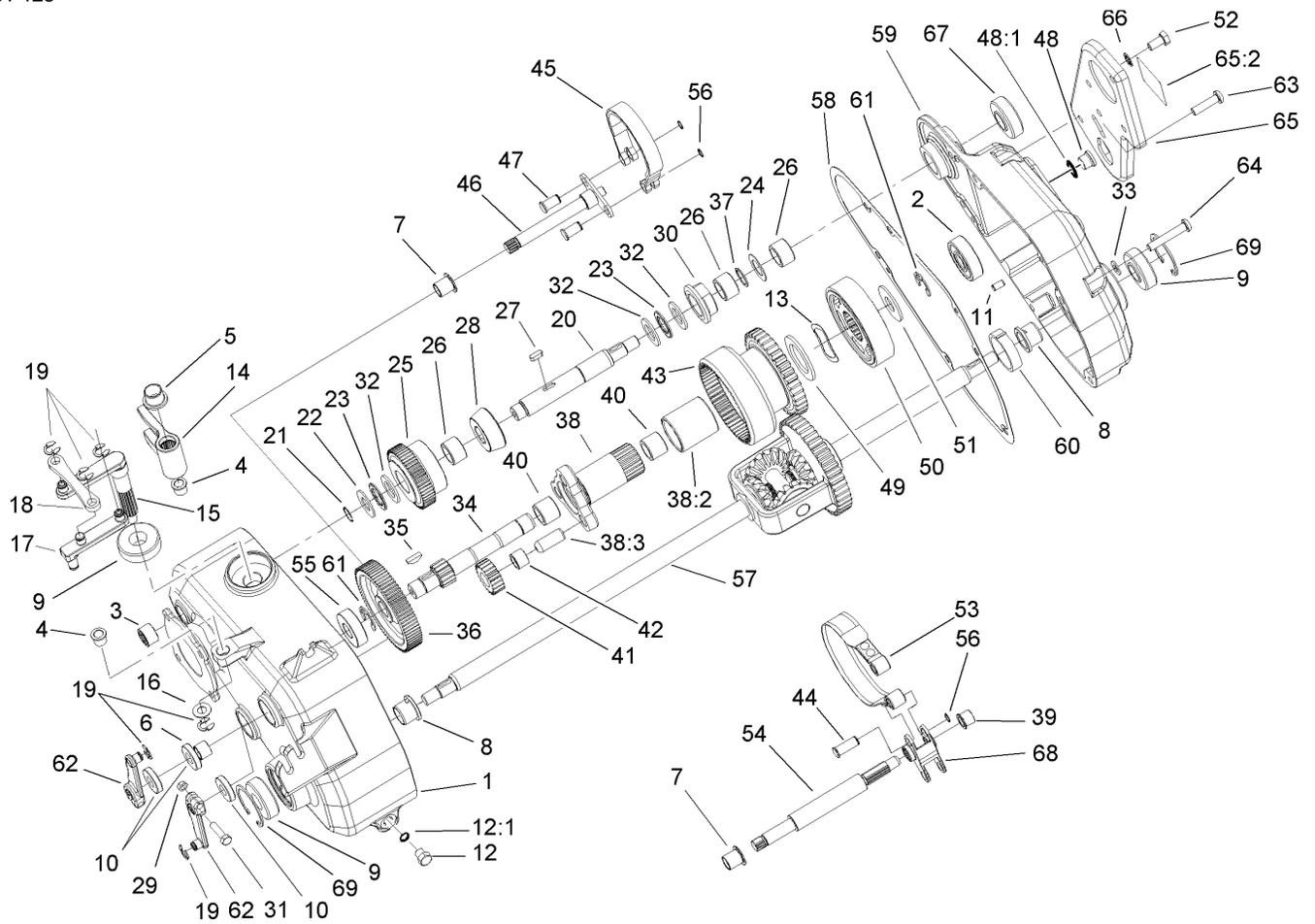
Ref	Part No.	Qty.	Description
13	1-323430	1	Module-Interlock
14	94-5861	1	Bracket-Module
15	94-9015	1	Screw-HH
16	99-2039	4	Screw-Set
17	3210-5	1	Screw-HH
18	3253-4	2	Washer-Lock
19	65-8270	1	Washer
20	3256-22	1	Washer-Flat
21	33023-00	1	Nut-Lock
22	33113-016	1	Screw-HH
23	105-5303	2	Mount-Isolator
24	3218-2	2	Nut-Jam
25	107-7601	2	Washer-Tab
26	104-4233	1	Meter-Hour
26:2	104-4234	1	Clip-Mounting
27	3255-9	2	Washer-Lock, Ext



Gearbox Assembly No. 107-9000

Ref	Part No.	Qty.	Description
1	106-4682	1	Housing-Gearbox
2	107-3201	1	Bearing-Ball, High Load Capacity
3	98-4194	1	Bearing-Needle, Caged
4	256-316	2	Bushing
5	256-287	1	Bushing
6	256-1	1	Bushing
7	256-219	2	Bushing
8	99-2062	2	Bushing-Keyed, Flanged
9	99-3842	3	Seal-Oil
10	99-2056	3	Seal-Oil
11	95-0715	2	Pin-Dowel
12	353-948	1	Plug
12:1	237-118	1	O-Ring
13	105-9944	1	Washer-Wave, Spring
14	99-2014	1	Fork-Clutch
15	99-2015	1	Shaft-Fork
16	37-8080	1	Washer-Thrust
17	99-3779	1	Bellcrank
18	99-3780	1	Link
19	32151-47	6	Ring-Retaining
20	99-2009	1	Shaft-Clutch
21	99-3805	1	Ring-Retaining
22	99-3806	1	Washer-Thrust
23	99-3836	2	Bearing-Thrust

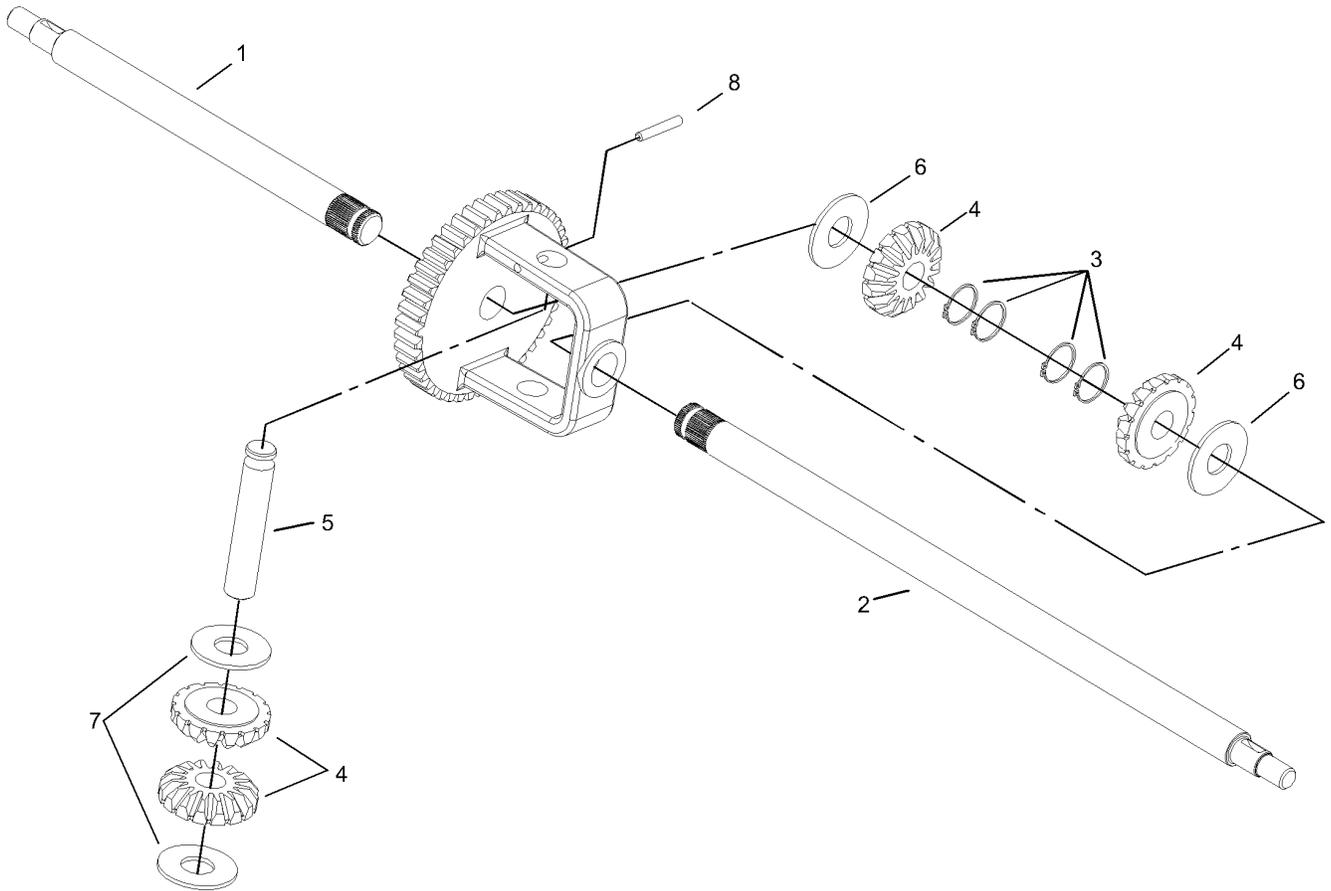
Ref	Part No.	Qty.	Description
24	99-3837	1	Washer-Thrust
25	106-8441	1	Gear-Clutch, Reel
26	1523	3	Bearing-Needle
27	99-2059	2	Key-Square
28	107-3232	1	Cone ASM
29	33023-00	2	Nut-Lock
30	106-8440	1	Hub-Plunger
31	33113-025	2	Screw-HH
32	99-3807	3	Washer-Thrust
33	33094-00	4	Washer-Flat
34	99-2003	1	Gear-Sun
35	3257-30	1	Key-Woodruff
36	99-2004	1	Gear-Input
37	32120-72	1	Ring-Snap
38	104-9777	1	Carrier ASM
38:2	104-0524	1	Bushing-Carrier
38:3	98-4052	3	Pin-Dowel
39	104-9776	1	Bushing-Flanged
40	104-0535	2	Bearing-Needle
41	106-4694	3	Gear-Spur
42	48-2060	3	Bearing-Roller
43	99-2006	1	Gear-Ring
44	106-8444	2	Pin-Clevis, Long
45	99-2049	1	Band-Brake



Gearbox Assembly No. 107-9000 (continued)

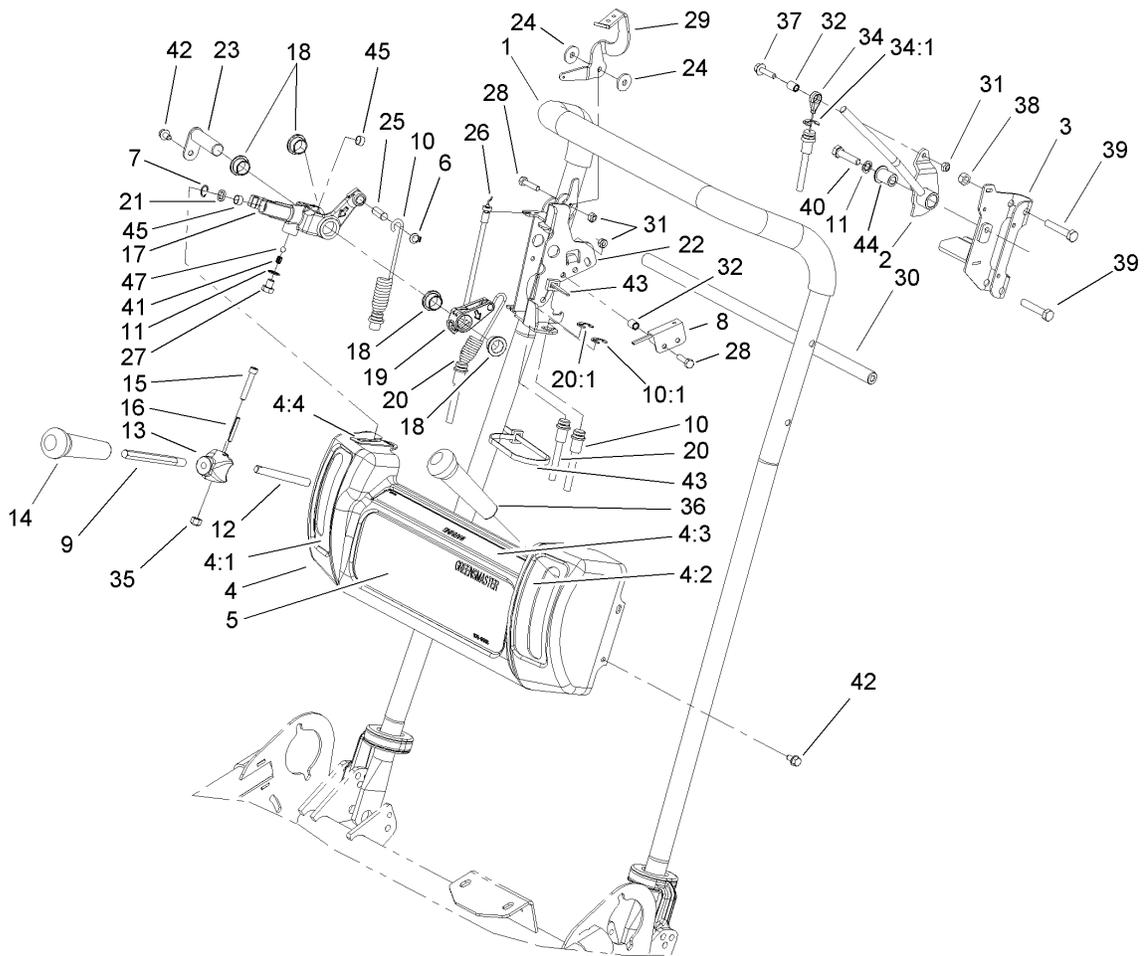
Ref	Part No.	Qty.	Description
46	99-2020	1	Shaft-Brake
47	106-8445	2	Pin-Clevis, Short
48	353-989	1	Plug-Hex, Hollow
48:1	237-42	1	O-Ring
49	99-2054	1	Washer-Thrust
50	104-2638	1	Traction Drum ASM
51	99-2055	1	Washer-Thrust
52	33114-016	1	Screw-HH
53	106-8420	1	Clutch Band ASM
54	105-9937	1	Shaft-Clutch, Traction
55	251-6	1	Bearing-Ball
56	32120-46	4	Ring-Retaining
57	99-2038	1	Differential ASM
58	99-2051	1	Gasket
59	106-4683	1	Cover-Gearbox
60	99-2061	1	Bushing-Keyed
61	32151-48	2	E-Ring
62	99-3761	2	Lever-Gearbox
63	99-6208	2	Screw-Sh
64	99-6207	4	Screw-Sbh
65	104-2634	1	Drive Shaft Plate ASM
65:2	93-9356	1	Decal-Warning, Belt
65:2	93-9389	1	Decal-Warning, Belt (Japan)
66	3254-2	1	Washer-Lock, Int

Ref	Part No.	Qty.	Description
67	105-2429	1	Seal-Oil, High Temp
68	105-9938	1	Hub-Clutch, Traction
69	32120-62	2	Ring-Retaining



Differential Assembly No. 99-2038

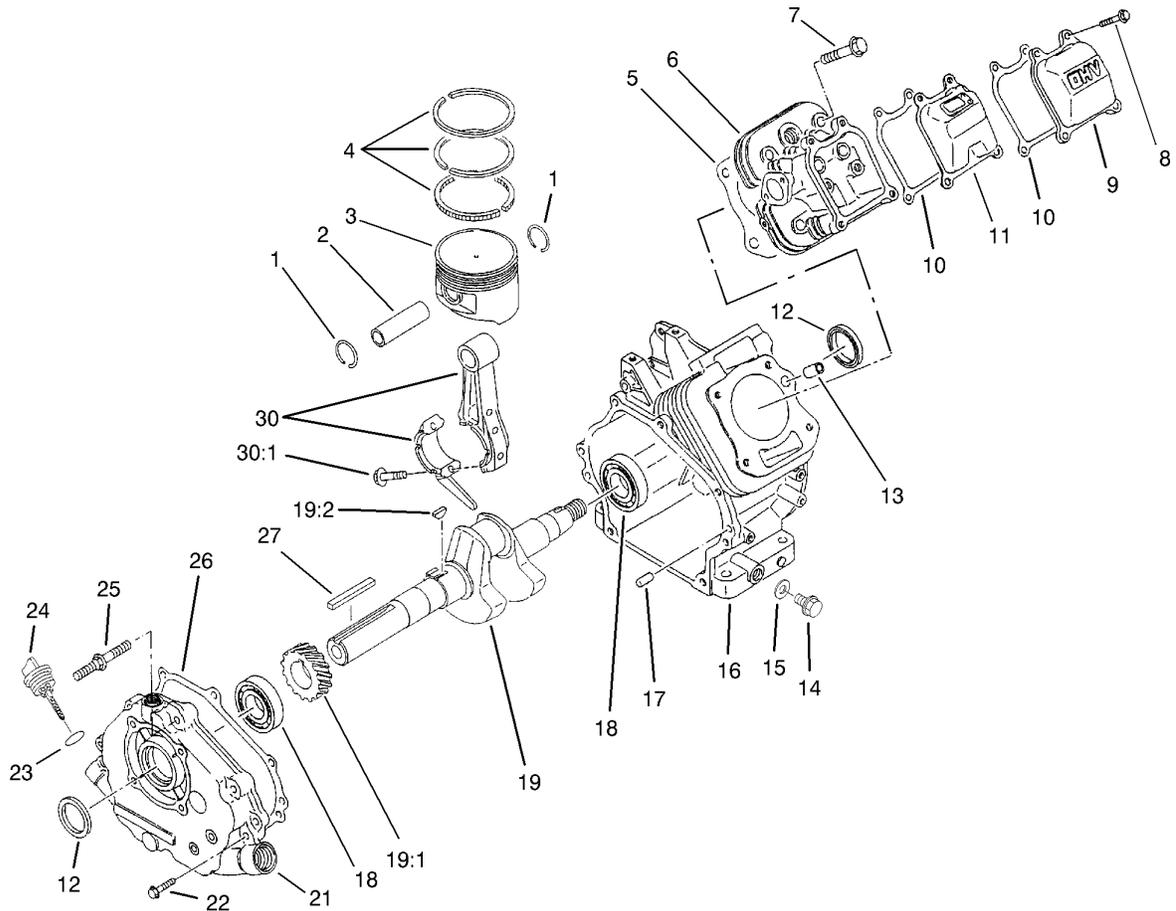
Ref	Part No.	Qty.	Description
1	105-2402	1	Axle (Short)
2	105-2403	1	Axle (Long)
3	95-5746	2	Ring-Retaining
4	105-2405	1	Set-Gear, Differential
5	105-2404	1	Pin-Drive
6	95-5745	2	Washer
7	105-2406	2	Washer-Thrust
8	32121-79	1	Pin-Roll



Handle Assembly

Ref	Part No.	Qty.	Description
1	104-9788	1	Handle
2	106-6143	1	Lever-Brake
3	99-6222-03	1	Brake Bracket ASM
4	104-2633	1	Console ASM
4:1	104-2617	1	Decal-Lever, Traction
4:2	104-2618	1	Decal-Lever, Brake
4:3	104-2621	1	Decal-Warning
4:4	93-6085	1	Decal-Throttle
5	105-9916	1	Decal-Main Console
6	105-2410	1	Ring-Retaining
7	105-5324	1	Ring-Retaining
8	100-1270	1	Switch-Proximity
9	105-5319	1	Rod-Handle
10	105-5328	1	Cable-Clutch, Traction
10:1	32120-47	1	Ring-Retaining, External
11	3254-2	2	Washer-Lock, Int
12	99-3835	1	Pin
13	104-9761	1	Hub-Handle, Mount
14	104-9760	1	Knob-Black
15	105-5349	1	Screw-Hsh, Special
16	32121-51	1	Pin-Roll
17	104-9758	1	Lever-Control, Traction
18	80-1290	4	Bushing
19	99-3830	1	Lever-Reel

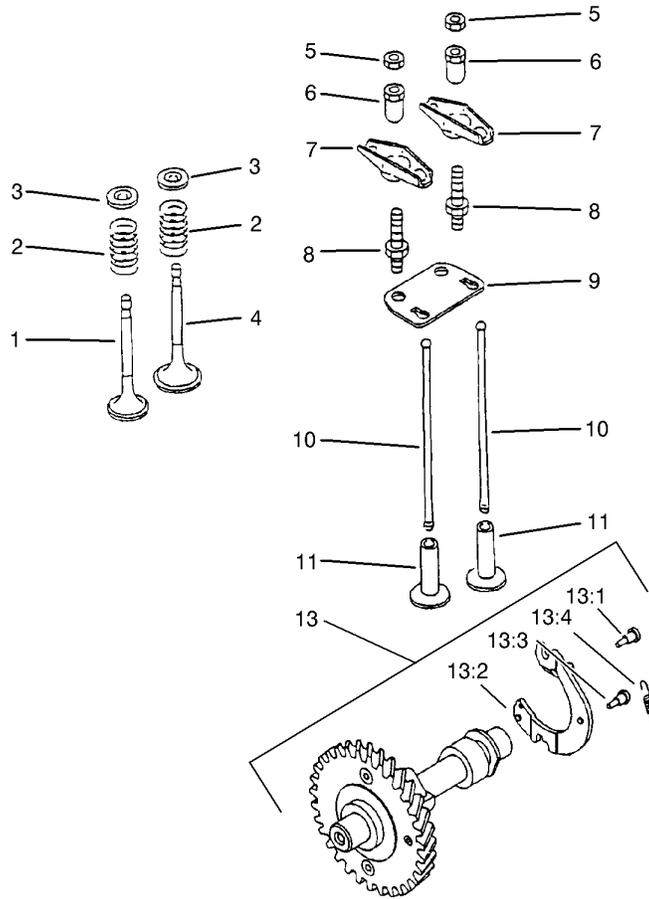
Ref	Part No.	Qty.	Description
20	99-3765	1	Cable-Clutch, Reel
20:1	32120-47	1	Ring-Retaining, External
21	105-2407	1	Wiper
22	106-6145-03	1	Control Bracket
23	99-3833	1	Pin-Lever, Reel
24	66-2921	2	Washer-Friction
25	104-9782	1	Pin-Dowel
26	104-2620	1	Cable-Throttle
27	33114-010	1	Screw-HH
28	33113-025	3	Screw-HH
29	105-5300	1	Lever-Throttle
30	106-4666	1	Rod-Support
31	33023-00	4	Nut-Lock
32	105-2401	3	Spacer-Cable, Brake
34	99-6214	1	Cable-Brake
34:1	32120-47	1	Ring-Retaining, External
35	3296-42	1	Nut-Lock, NI
36	104-9774	1	Knob-Red
37	33103-025	1	Screw-HHF
38	33024-00	2	Nut-Lock
39	33114-045	4	Screw-HH
40	33114-035	1	Screw-HH
41	105-2443	1	Spring-Detent
42	104-2628	5	Screw-HWH



Crankcase Assembly

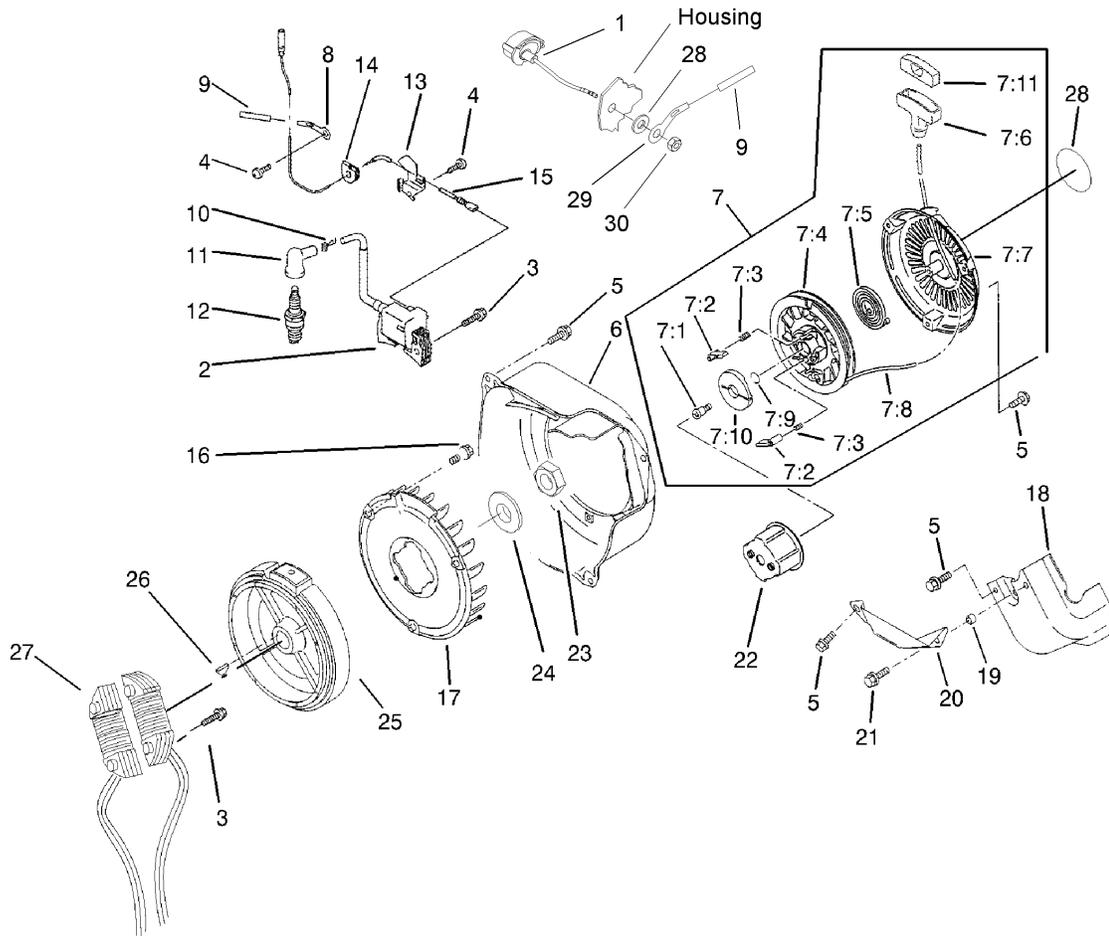
Ref	Part No.	Qty.	Description
1	93-8500	2	Ring-Retaining
2	93-8501	1	Pin-Piston
3	93-8502	1	Piston
3	94-6836	1	Piston-0.5 O/s
4	93-8503	1	Set-Ring, Piston
4	94-6837	1	Set-Ring, Piston (.05mm)
5	93-8504	1	Gasket-Head
6	93-8505	1	Head-Cylinder
7	93-8506	4	Bolt-Flanged
8	94-6838	4	Bolt-Flanged
9	93-8508	1	Case-Rocker
10	93-8509	2	Gasket-Rocker
11	93-8510	1	Breather
12	93-8511	2	Seal-Oil
13	93-8512	2	Pin
14	93-8513	2	Plug-Drain
15	93-8514	2	Gasket-Plug, Drain
16	93-8515	1	Crankcase
17	93-8516	2	Pin
18	93-8517	2	Bearing-Ball
19	93-8696	1	Crankshaft ASM
19:1	94-9043	1	Gear-Helical
19:2	93-8526	1	Key
21	93-8697	1	Cover-Crankcase

Ref	Part No.	Qty.	Description
22	93-8521	7	Bolt-Flanged
23	94-9041	2	O-Ring
24	93-8523	2	Cap-Filter, Oil
25	93-8524	1	Stud
26	93-8525	1	Gasket-Crankcase
27	93-8526	1	Key
30	93-8528	1	Connecting Rod ASM
30:1	93-8527	2	Bolt-Rod



Camshaft and Valve Assembly

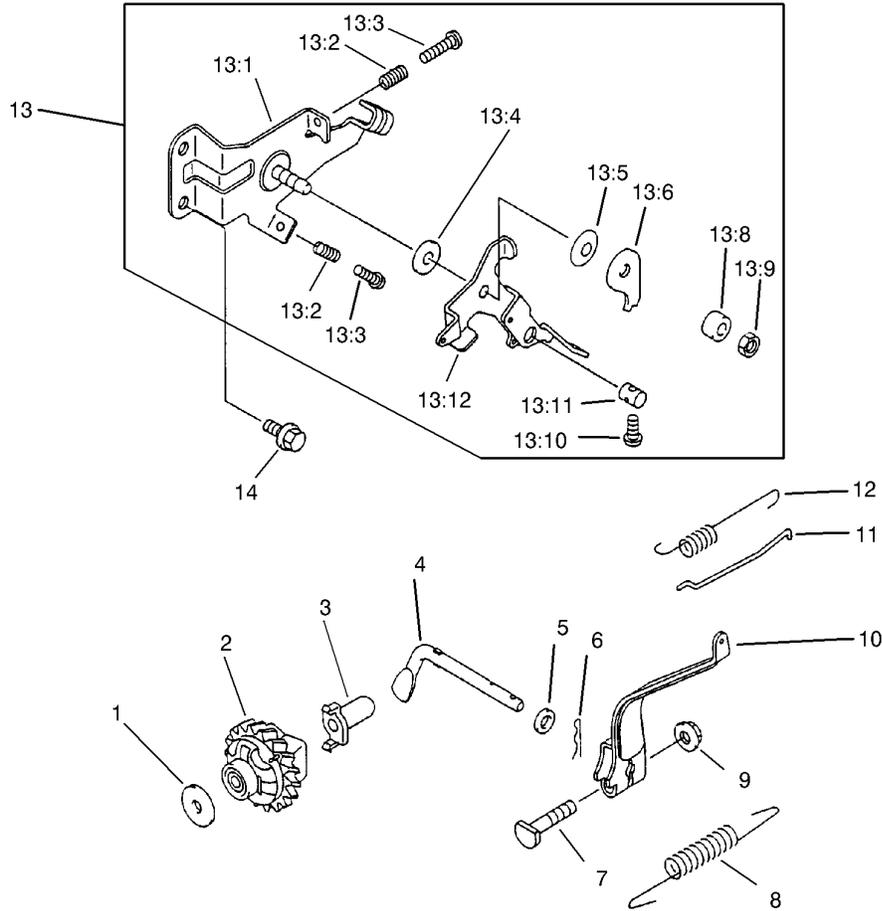
Ref	Part No.	Qty.	Description
1	93-8529	1	Valve-Exhaust
2	93-8530	2	Spring-Valve
3	93-8531	2	Retainer-Spring
4	93-8532	1	Valve-Intake
5	93-8533	2	Nut
6	93-8534	2	Nut
7	93-8535	2	Arm-Rocker
8	93-8536	2	Bolt
9	93-8537	1	Guide
10	93-8538	2	Rod-Push
11	93-8539	2	Tappet
13	93-8699	1	Camshaft ASM
13:1	93-8540	2	Pin
13:2	93-8543	1	Decompressor
13:3	93-8542	1	Pin
13:4	93-8541	1	Spring



Ignition Assembly

Ref	Part No.	Qty.	Description
1	107-7606	1	Sealed Switch Assembly
2	94-9031	1	Ignition Coil ASM
3	93-8548	6	Bolt-Flanged
4	93-8549	1	Screw
5	93-8550	10	Bolt-Flanged
6	107-7607	1	Housing-Fan
7	93-8552	1	Recoil Starter ASM
7:1	93-8553	1	Screw
7:2	93-8554	2	Pawl-Recoil
7:3	93-8555	2	Spring-Return
7:4	93-8556	1	Reel-Recoil
7:5	93-8557	1	Spring
7:6	94-9045	1	Grip-Starter, Recoil
7:7	94-9046	1	Case-Recoil
7:8	93-8560	1	Rope
7:9	93-8561	1	Ring-Retaining
7:10	93-8562	1	Guide-Pawl
7:11	94-9044	1	Cap-Grip
8	94-9039	1	Clamp
9	94-9040	2	Tube
10	94-9049	1	Spring-Terminal
11	93-8585	1	Cap-Plug, Spark
12	93-8584	1	Spark Plug
13	93-8583	1	Clamp

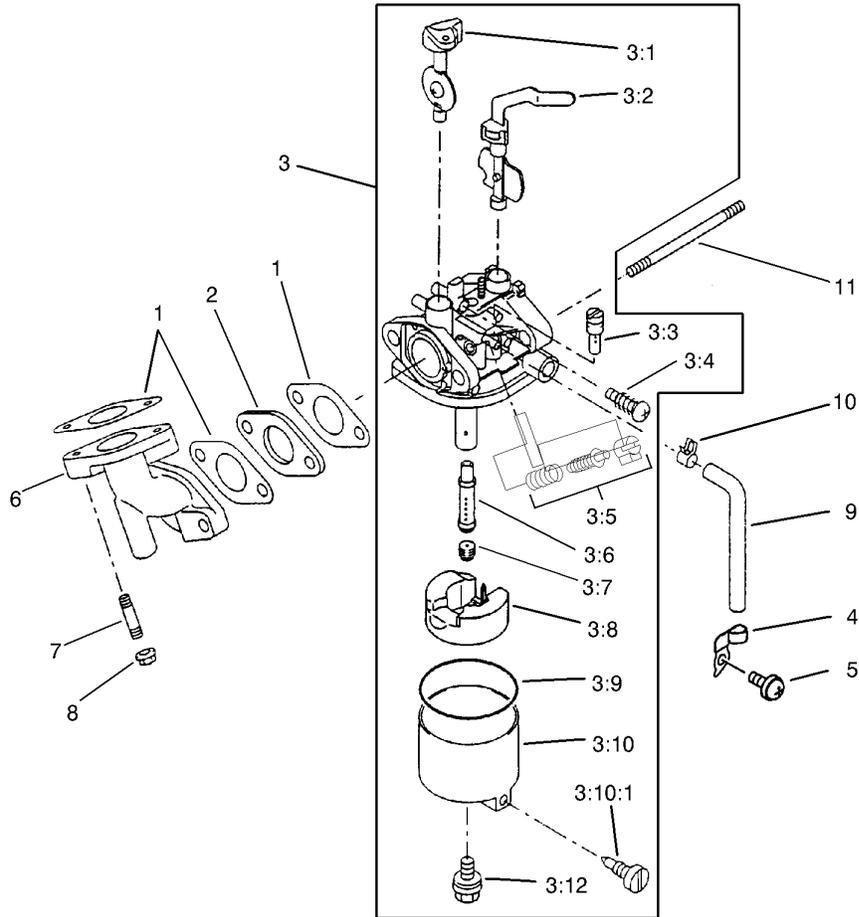
Ref	Part No.	Qty.	Description
14	107-7608	1	Grommet
15	94-9038	1	Wire-Lead
16	94-6840	3	Bolt-Flanged
17	93-8572	1	Fan
18	93-8563	1	Shroud-Engine
19	93-8564	1	Collar
20	93-8565	1	Shroud-Engine
21	93-8566	1	Bolt-Flanged
22	93-8567	1	Pulley-Recoil
23	93-8568	1	Nut
24	93-8569	1	Washer
25	99-6237	1	Flywheel ASM
26	93-8571	1	Key
27	99-4267	1	Coil-Lighting
28	33094-00	1	Washer-Flat
29	107-7609	1	Clamp
30	33014-00	1	Nut-Hex



Governor Assembly

Ref	Part No.	Qty.	Description
1	94-6842	1	Washer
2	94-6841	1	Governor ASM
3	93-8610	1	Sleeve
4	93-8609	1	Arm-Pivot
5	93-8608	1	Washer
6	93-8607	1	Pin-Snap
7	93-8606	1	Bolt
8	94-9030	1	Spring-Governor
9	93-8631	1	Nut
10	93-8603	1	Arm-Governor
11	93-8602	1	Rod-Governor
12	93-8601	1	Spring
13	93-8599	1	Control ASM
13:1	93-8587	1	Bracket
13:2	93-8588	2	Spring
13:3	93-8589	2	Bolt
13:4	93-8590	1	Washer
13:5	93-8591	1	Spring
13:6	93-8592	1	Plate
13:8	93-8594	1	Spacer
13:9	93-8595	1	Nut
13:10	93-8596	1	Screw-Head, Pan
13:11	93-8597	1	Nut
13:12	93-8598	1	Lever

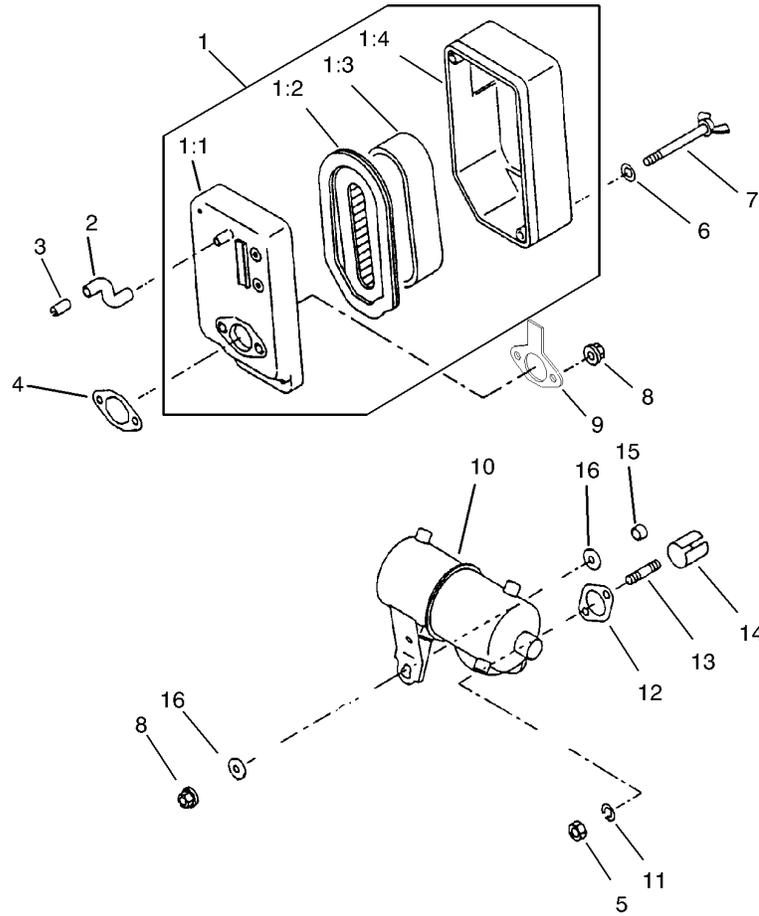
Ref	Part No.	Qty.	Description
14	93-8600	2	Bolt-Flanged



Carburetor Assembly

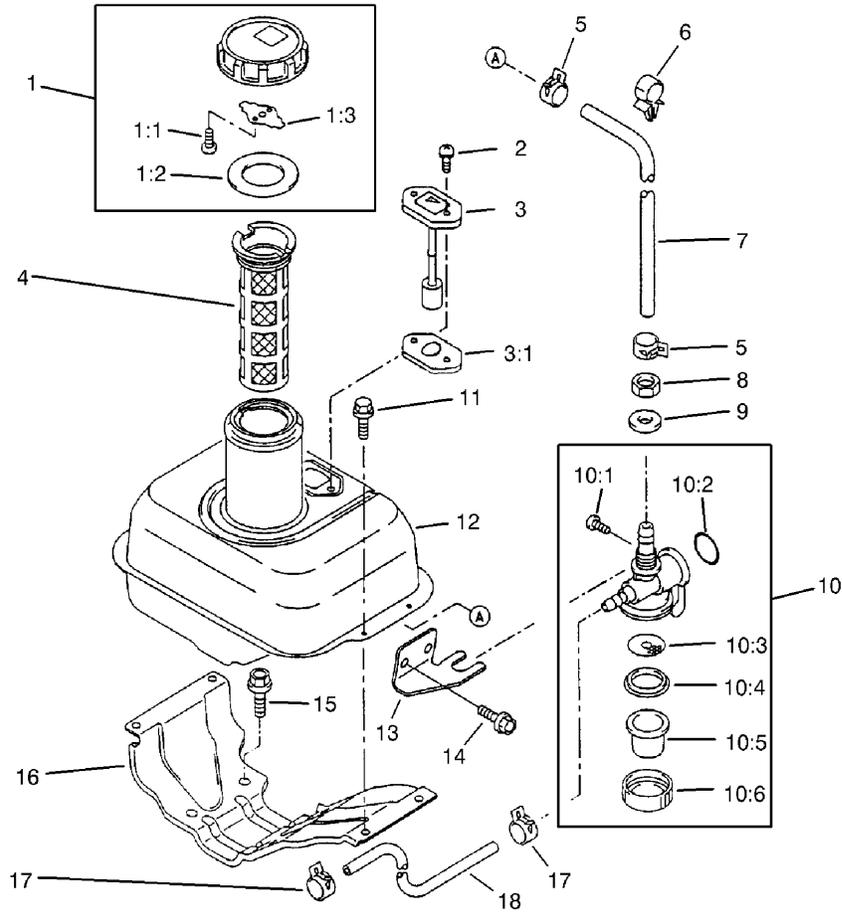
Ref	Part No.	Qty.	Description
1	93-8613	3	Gasket
2	94-9048	1	Insulator
3	94-9032	1	Carburetor ASM
3:1	94-9033	1	Throttle Valve ASM
3:2	93-8617	1	Valve-Choke
3:3	94-9037	1	Jet-Pilot, #40
3:4	93-8619	1	Screw ASM
3:5	94-9034	1	Limiter
3:6	94-9035	1	Nozzle-Main
3:7	94-9036	1	Jet-Main, #65
3:7	98-8736	1	Jet-Main, #60 High Alt
3:7	98-8735	1	Jet-Main, #62 High Alt
3:8	94-6844	1	Float ASM
3:9	93-8624	1	Gasket
3:10	93-8625	1	Float Chamber ASM
3:10:1	93-8626	1	Screw ASM
3:12	93-8627	1	Bolt
4	94-6846	1	Clamp
5	94-6845	1	Screw
6	93-8633	1	Pipe-Intake
7	93-8632	2	Bolt-Stud
8	93-8631	2	Nut
9	93-8630	1	Tube
10	93-8629	1	Clamp

Ref	Part No.	Qty.	Description
11	93-8628	1	Bolt-Stud



Air Cleaner and Muffler Assembly

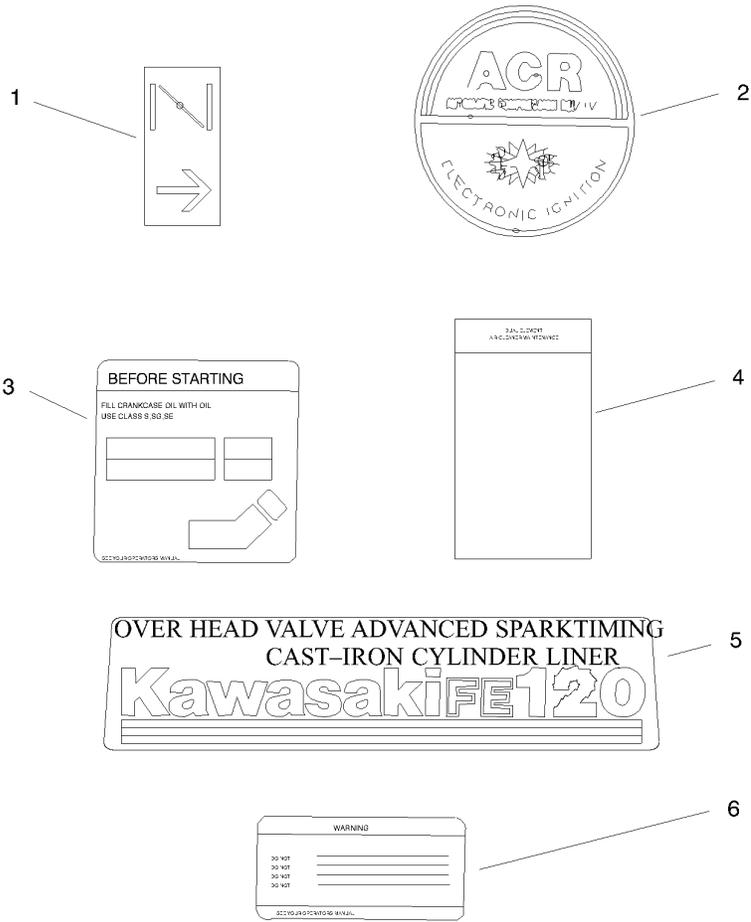
Ref	Part No.	Qty.	Description
1	93-8634	1	Air Filter ASM
1:1	93-8635	1	Case Filter ASM
1:2	93-8636	1	Element-Filter, Air
1:3	93-8637	1	Element-Filter, Air
1:4	93-8638	1	Cap-Filter, Air
2	93-8659	1	Tube
3	93-8658	1	Pipe
4	93-8657	1	Gasket-Filter, Air
5	93-8656	2	Nut-Hex
6	93-8639	2	Washer
7	93-8640	2	Bolt
8	93-8631	3	Nut
9	93-8642	1	Plate-Filter, Air
10	98-3427	1	Muffer
11	93-8655	2	Washer-Spring
12	93-8654	1	Gasket-Muffer
13	94-6848	2	Bolt-Stud
14	93-8652	1	Pipe-Exhaust
15	93-8651	1	Collar
16	93-8650	2	Washer



Fuel Tank Assembly

Ref	Part No.	Qty.	Description
1	93-8660	1	Fuel Cap ASM
1:1	93-8661	2	Screw
1:2	93-8662	1	Gasket
1:3	93-8663	1	Spring
2	93-8686	2	Screw
3	93-8685	1	Gauge-Fuel
3:1	104-2384	1	Gasket-Gauge, Fuel
4	94-6826	1	Filter-Fuel
5	93-8664	2	Clamp
6	93-8665	1	Clamp
7	93-8666	1	Tube
8	94-9042	1	Nut
9	93-8668	1	Washer
10	93-8669	1	TAP ASM
10:1	93-8670	1	Screw
10:2	93-8671	1	O-Ring
10:3	94-6849	1	Filter-TAP
10:4	93-8673	1	Gasket
10:5	93-8674	1	Cup-TAP
10:6	93-8675	1	Nut
11	94-6838	4	Bolt-Flanged
12	104-2382	1	Tank-Fuel
13	93-8681	1	Bracket
14	93-8680	2	Bolt-Flanged

Ref	Part No.	Qty.	Description
15	94-6825	4	Bolt-Flanged
16	104-2383	1	Bracket-Tank
17	93-8676	2	Clamp
18	93-8677	1	Tube



Decals

Ref	Part No.	Qty.	Description
1	93-8687	1	Decal-Choke
2	94-9027	1	Label-Recoil
3	93-8689	1	Decal-Instructions
4	93-8690	1	Decal-Maintenance
5	94-9028	1	Label-Kawasaki
6	93-8692	1	Decal-Warning

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