Form Number 3351-127 Rev A

Greensmaster® Flex™ 21

Model No. 04021 - 240000601 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.

PROTOTYPE

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.

©The Toro Company - 2003
All Rights Reserved

Part Description Abbreviations

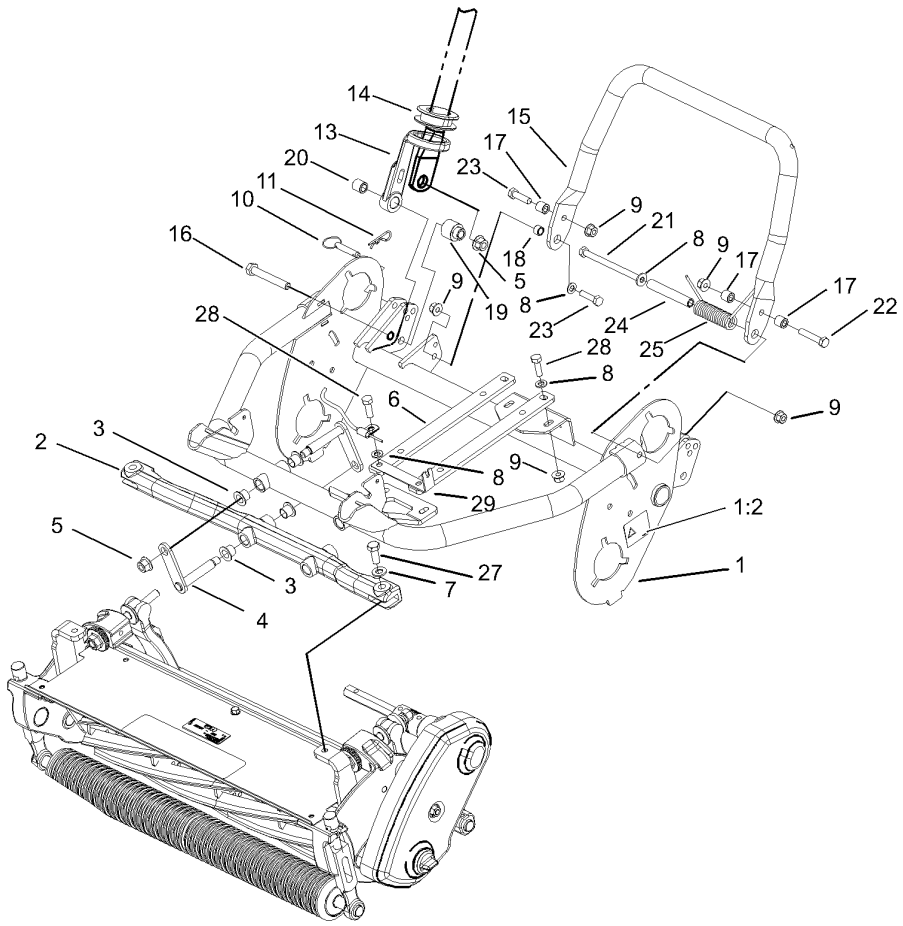
Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
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
HS. . . . . hex
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
PPH. . . . . phillips pan head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
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
WH. . . . . wing head

Contents

Description	Page
Frame Assembly	3
Reel Drive Assembly	4
Drum Drive and Basket Assembly	5
Engine Installation Assembly	6
Gearbox Assembly No. 99-3775	7
Differential Assembly No. 99-2038	9
Handle Assembly	10
Roller Option Assembly	12
Right and Left Side Plate Assembly	13
Reel Assembly	14
Roller Assembly	15
Reel Drive Assembly	16
Crankcase Assembly	17
Camshaft and Valve Assembly	18
Ignition Assembly	19
Governor Assembly	20
Carburetor Assembly	21
Air Cleaner and Muffler Assembly	22
Fuel Tank Assembly	23
Decals	24

PROTOTYPE

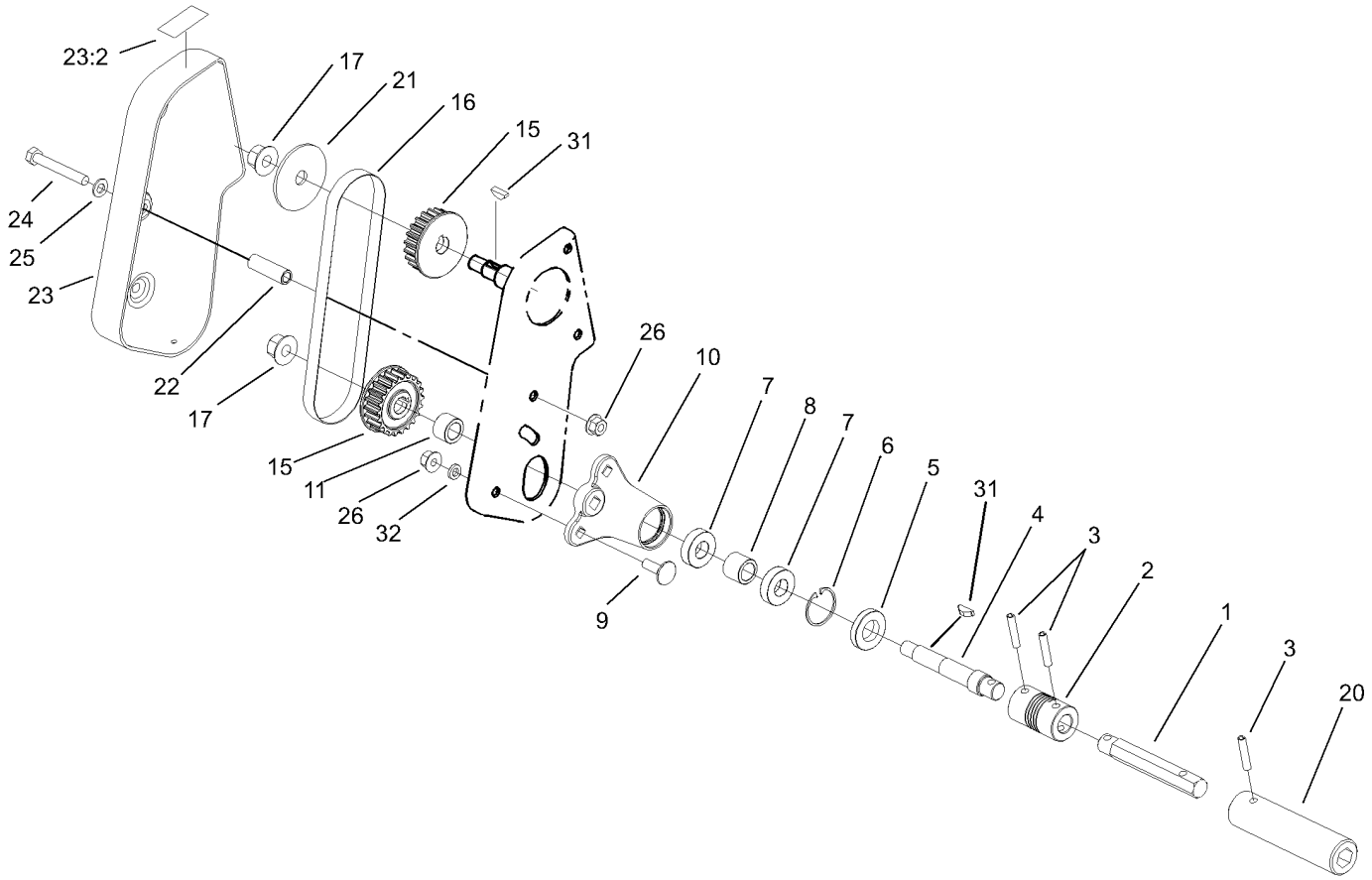


Frame Assembly

Ref	Part No.	Qty.	Description
1	104-2630	1	Rear Frame ASM
1:2	93-9389	2	Decal-Warning, Belt (Japan)
1:2	93-9356	2	Decal-Warning, Belt
2	104-9798-01	1	Front Frame ASM
3	93-2561	8	Bushing-Flange
4	99-2063	4	Link ASM
5	104-2611	6	Nut-HF
6	99-2070-01	2	Base-Engine
7	33095-00	2	Washer-Flat
8	33094-00	6	Washer-Flat
9	104-2612	8	Nut-HF
10	93-6029	2	Pin-Clevis, Ring
11	3290-467	2	Pin-Hair
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
23	33114-030	2	Screw-HH

Ref	Part No.	Qty.	Description
24	104-0502	1	Spacer-Kickstand, Long
25	99-2011	1	Spring-Torsion
27	33115-025	2	Screw-HH
28	33114-025	4	Screw-HH
29	105-9939	1	Strap-Support, Cable

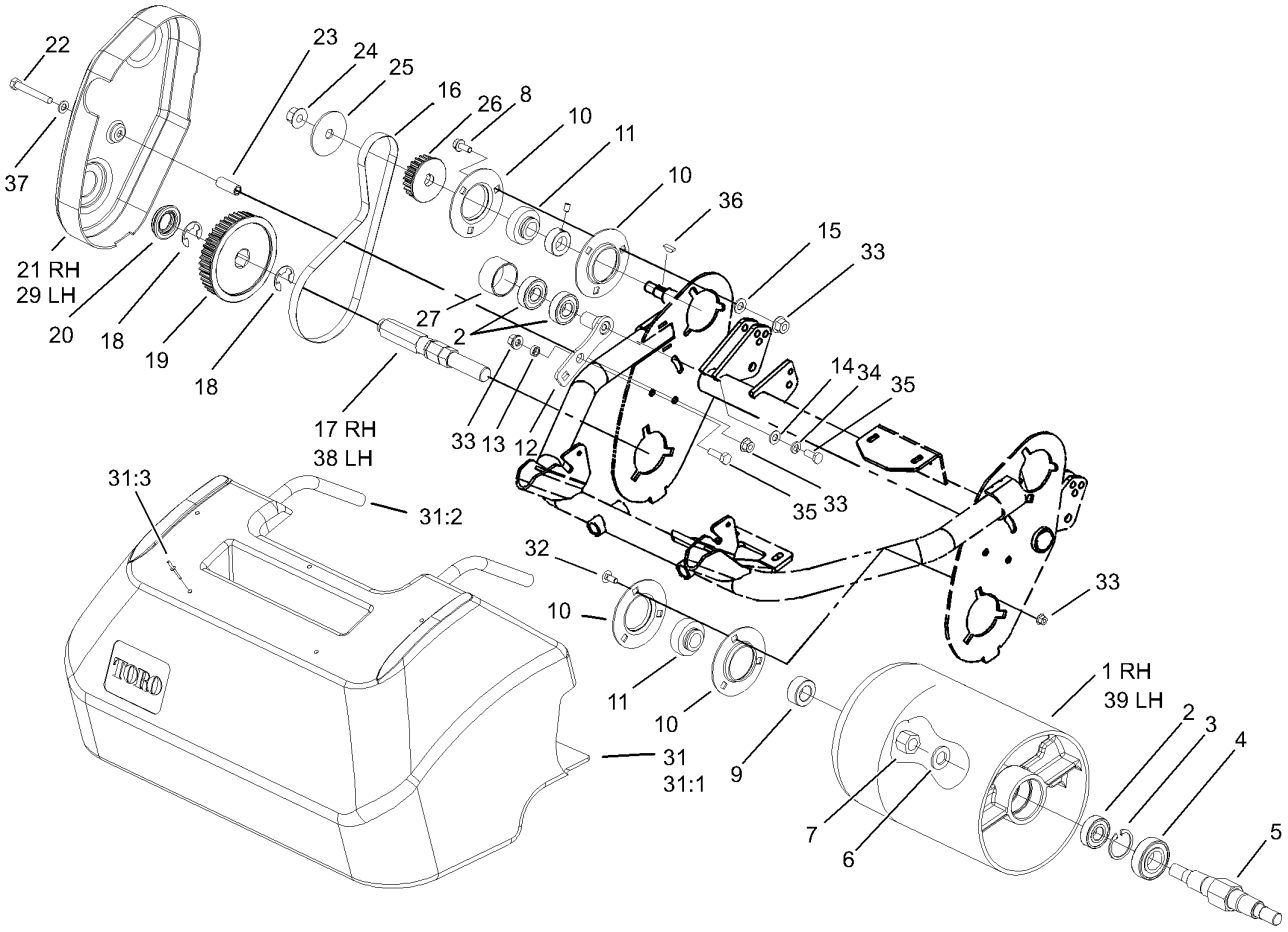
PROTOTYPE



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	253-120	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
15	99-2081	2	Pulley-22 Tooth
16	99-2022	1	Belt
17	104-2610	2	Nut-HF
20	99-3759	1	Tube-Hex
21	104-0532	1	Washer-Pulley
22	99-2033	1	Spacer-Cover
23	105-2413	1	Belt Cover ASM
23:2	105-2411	1	Decal-Oil, HYD
24	33114-060	1	Screw-HH
25	33094-00	1	Washer-Flat
26	104-2612	3	Nut-HF
31	3257-30	2	Key-Woodruff
32	3256-23	2	Washer-Flat

PROTOTYPE

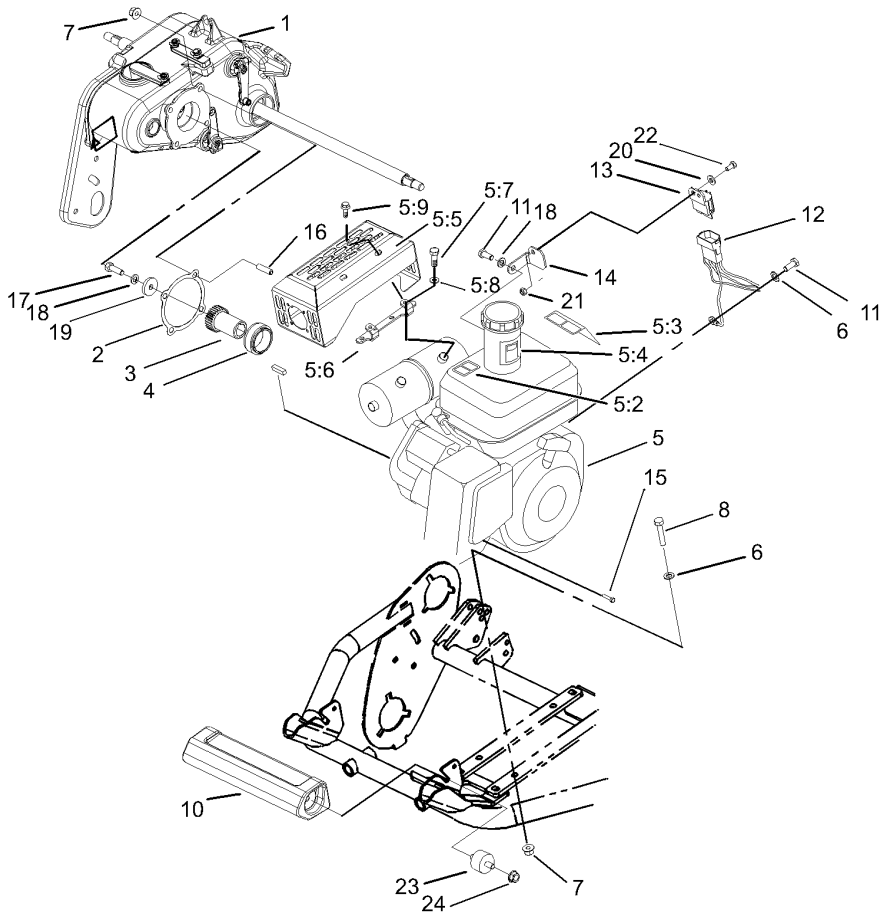


Drum Drive and Basket Assembly

Ref	Part No.	Qty.	Description
1	99-3845	1	Drum-Traction, RH
2	38-7820	6	Bearing-Ball
3	32120-42	2	Ring-Retaining
4	251-82	2	Bearing-Ball
5	99-3848	1	Spindle-Drum
6	33098-00	2	Washer-Flat
7	33028-00	2	Nut-Lock NI
8	33104-020	6	Screw-HHF
9	104-0537	2	Spacer-Drum
10	65-6710	8	Flangette-Bearing
11	104-0538	4	Bearing-Aligning, Self
12	105-5345	2	Idler
13	99-2018	2	Spacer-Arm, Idler
14	3256-23	2	Washer-Flat
15	33094-00	6	Washer-Flat
16	99-2023	2	Belt-Drum
17	105-5329	1	Shaft-Hex, RH
18	32151-103	4	Ring-Snap
19	99-3799	2	Pulley-Drum
20	104-0533	2	Seal-Cover, Drum
21	105-5326	1	Cover-Drum, RH
22	33114-060	2	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	99-2081	2	Pulley-22 Tooth
27	104-2609	2	Sleeve-Pulley
29	105-5327	1	Cover-Drum, LH
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	6	Screw-CARR
33	104-2612	16	Nut-HF
34	3253-4	2	Washer-Lock
35	33114-020	4	Screw-HH
36	3257-30	2	Key-Woodruff
37	33094-00	2	Washer-Flat
38	99-3844	1	Shaft-Hex, LH
39	99-3846	1	Drum-Traction, LH

PROTOTYPE

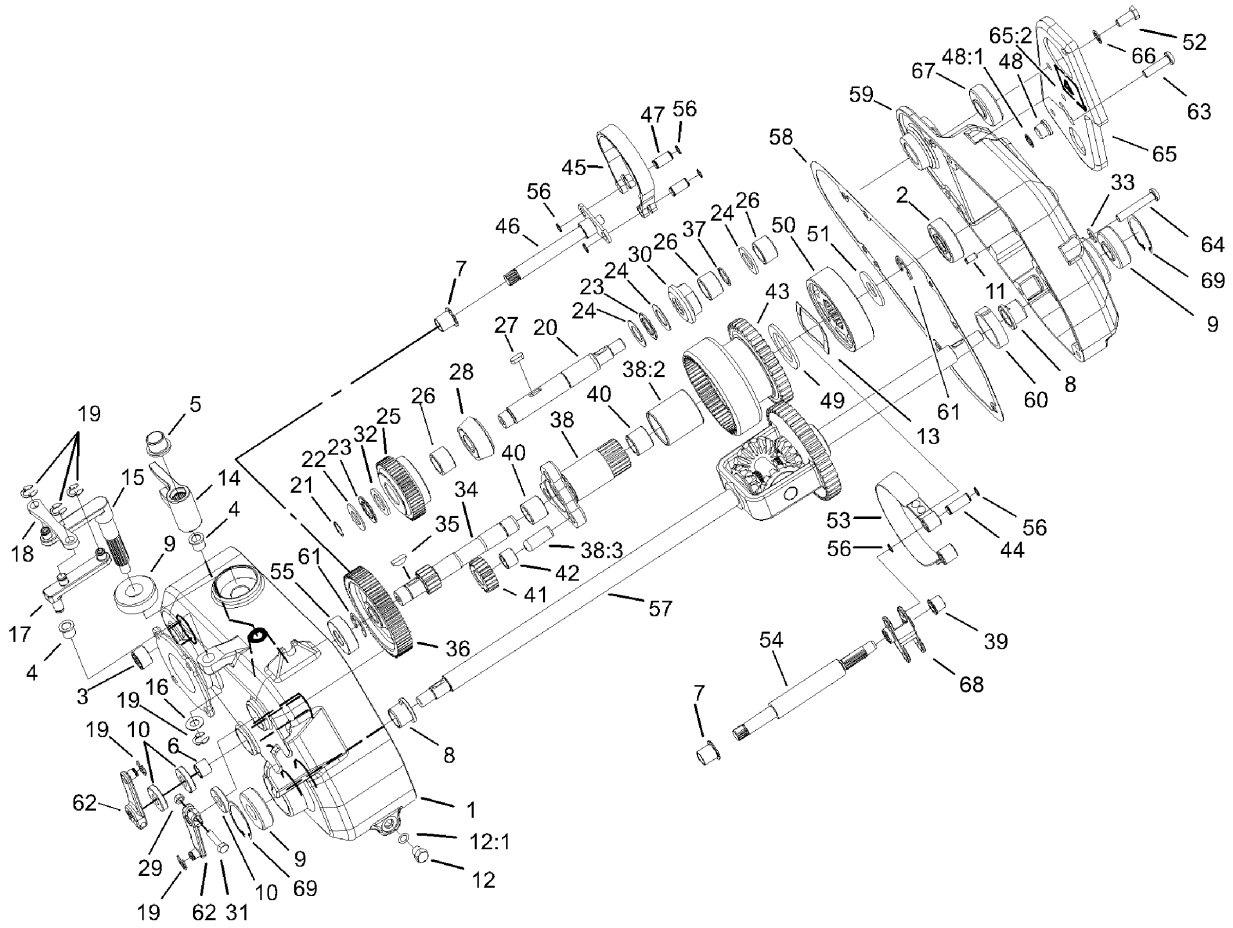


Engine Installation Assembly

Ref	Part No.	Qty.	Description
1	99-3775	1	Gearbox ASM
2	99-2052	1	Gasket-Flange
3	99-2002	1	Gear-Engine
4	99-2001	1	Adapter-Engine
5	107-7603	1	Engine ASM
5:2	105-5309	1	Decal-Surface, Hot
5:2	83-2560	1	Decal-Surface, Hot (Japan)
5:3	93-7348	1	Decal-Danger
5:3	92-4813	1	Decal-Danger (Japan)
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	5	Washer-Flat
7	104-2612	8	Nut-HF
8	33114-040	4	Screw-HH
10	105-5304-01	1	Damper ASM
11	33114-016	2	Screw-HH
12	105-5323	1	Module-Harness, Wire
13	1-323430	1	Module-Interlock
14	94-5861	1	Bracket-Module
15	94-9015	1	Screw-HH

Ref	Part No.	Qty.	Description
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	32128-26	2	Nut-Flange

PROTOTYPE

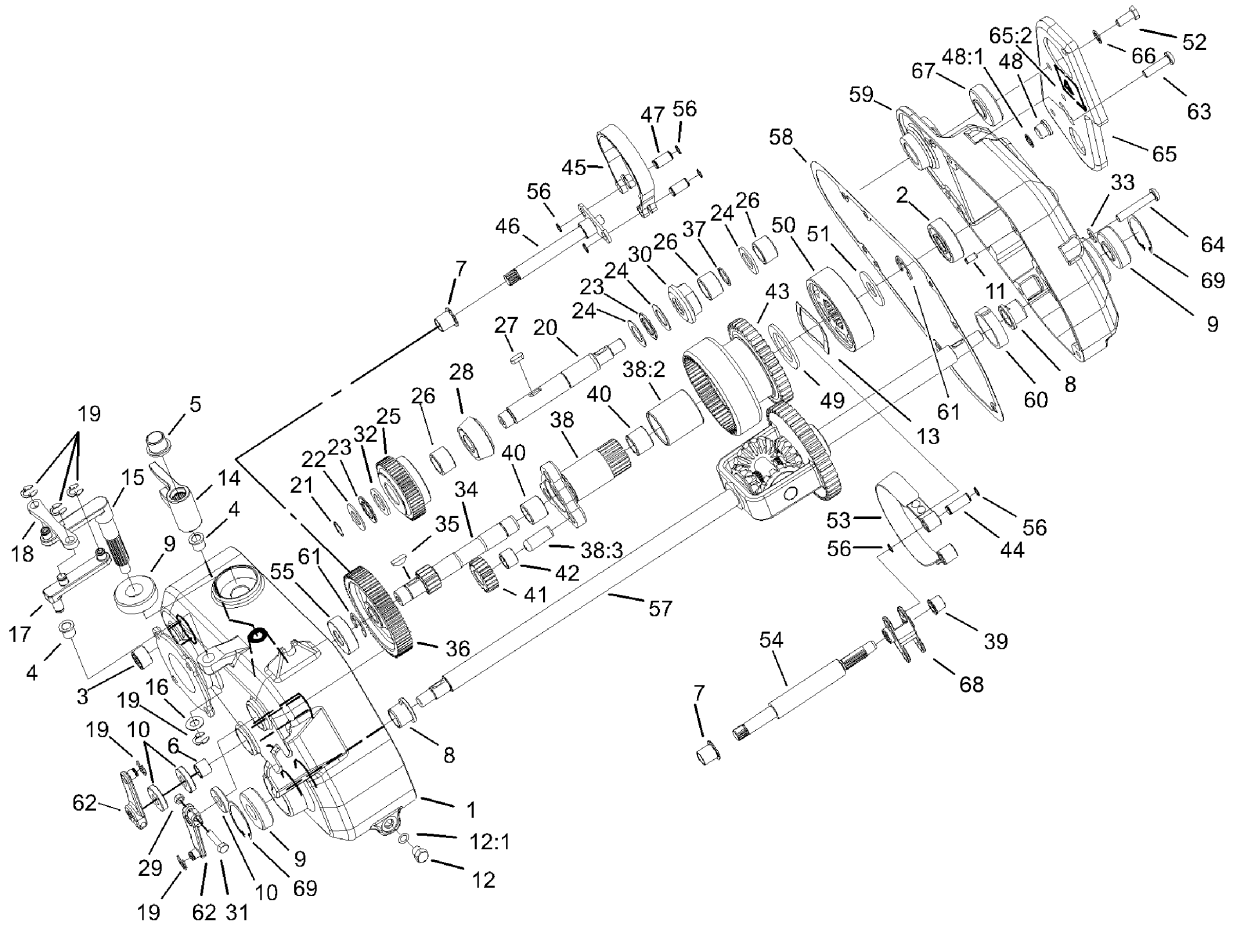


Gearbox Assembly No. 99-3775

Ref	Part No.	Qty.	Description
1	106-4682	1	Housing-Gearbox
2	99-2041	1	Bearing-Ball
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	3	Washer-Thrust
25	99-2008	1	Gear-Clutch
26	1523	3	Bearing-Needle
27	99-2059	2	Key-Square
28	107-7625	1	Cone Asm, High Torque
29	33023-00	2	Nut-Lock
30	99-2013	1	Hub-Plunger
31	33113-025	2	Screw-HH
32	99-3807	1	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	98-4053	3	Gear-Planet
42	48-2060	3	Bearing-Roller
43	99-2006	1	Gear-Ring
44	104-2648	2	Pin-Clevis
45	99-2049	1	Band-Brake

PROTOTYPE

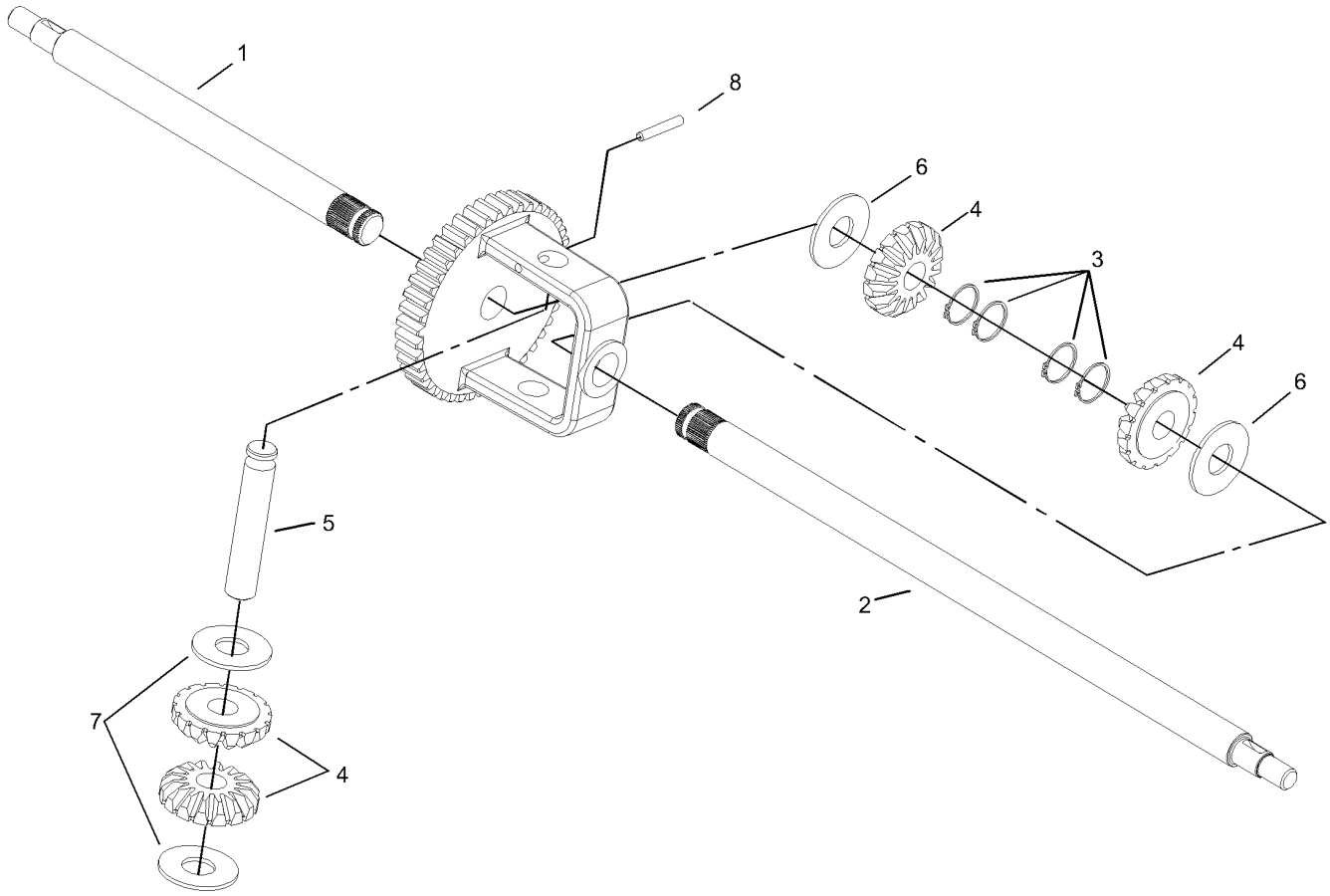


Gearbox Assembly No. 99-3775 (continued)

Ref	Part No.	Qty.	Description
46	99-2020	1	Shaft-Brake
47	99-2060	2	Pin-Clevis
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	8	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	93-9389	1	Decal-Warning, Belt (Japan)
65:2	93-9356	1	Decal-Warning, Belt
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

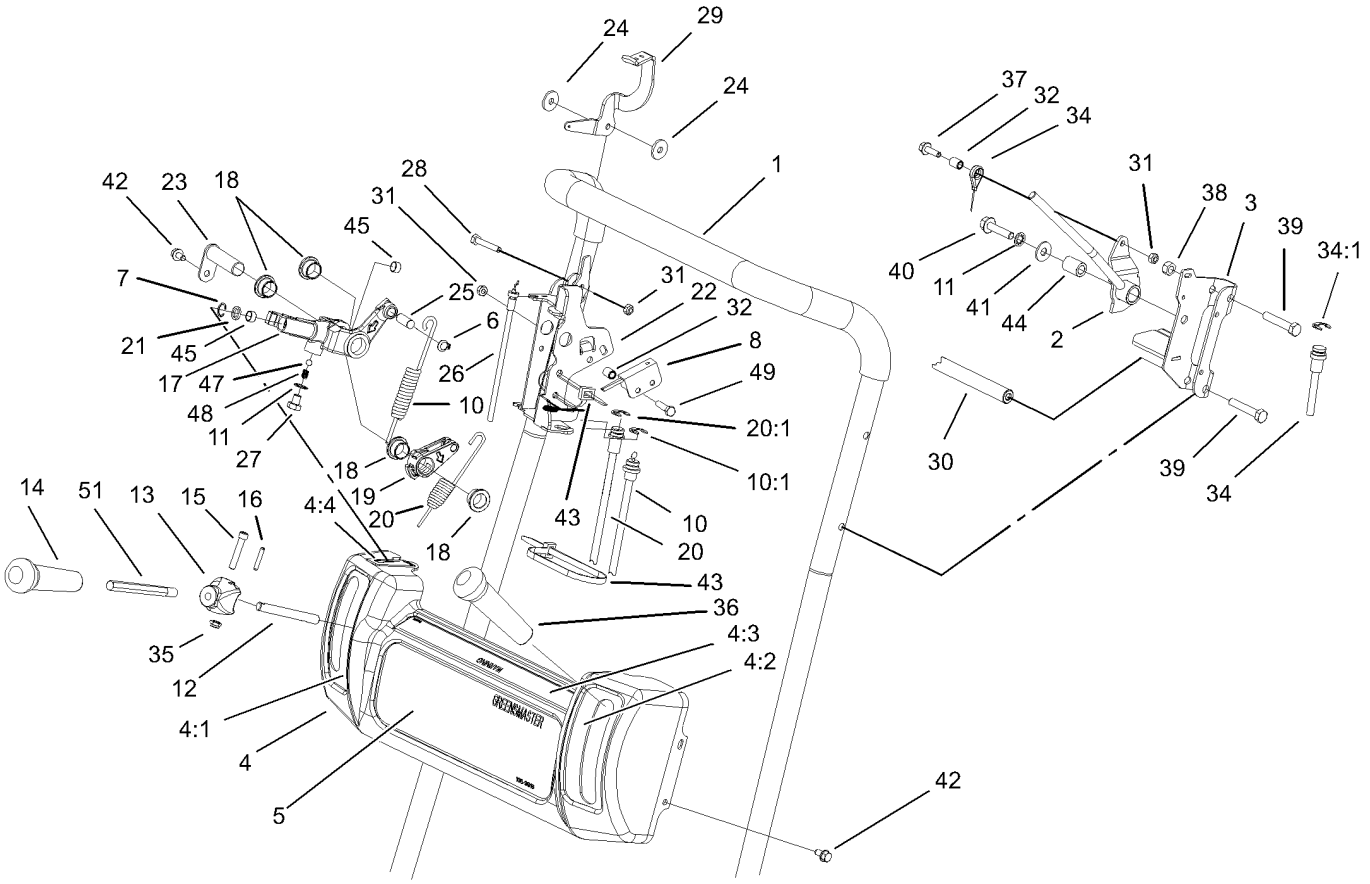
PROTOTYPE



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

PROTOTYPE

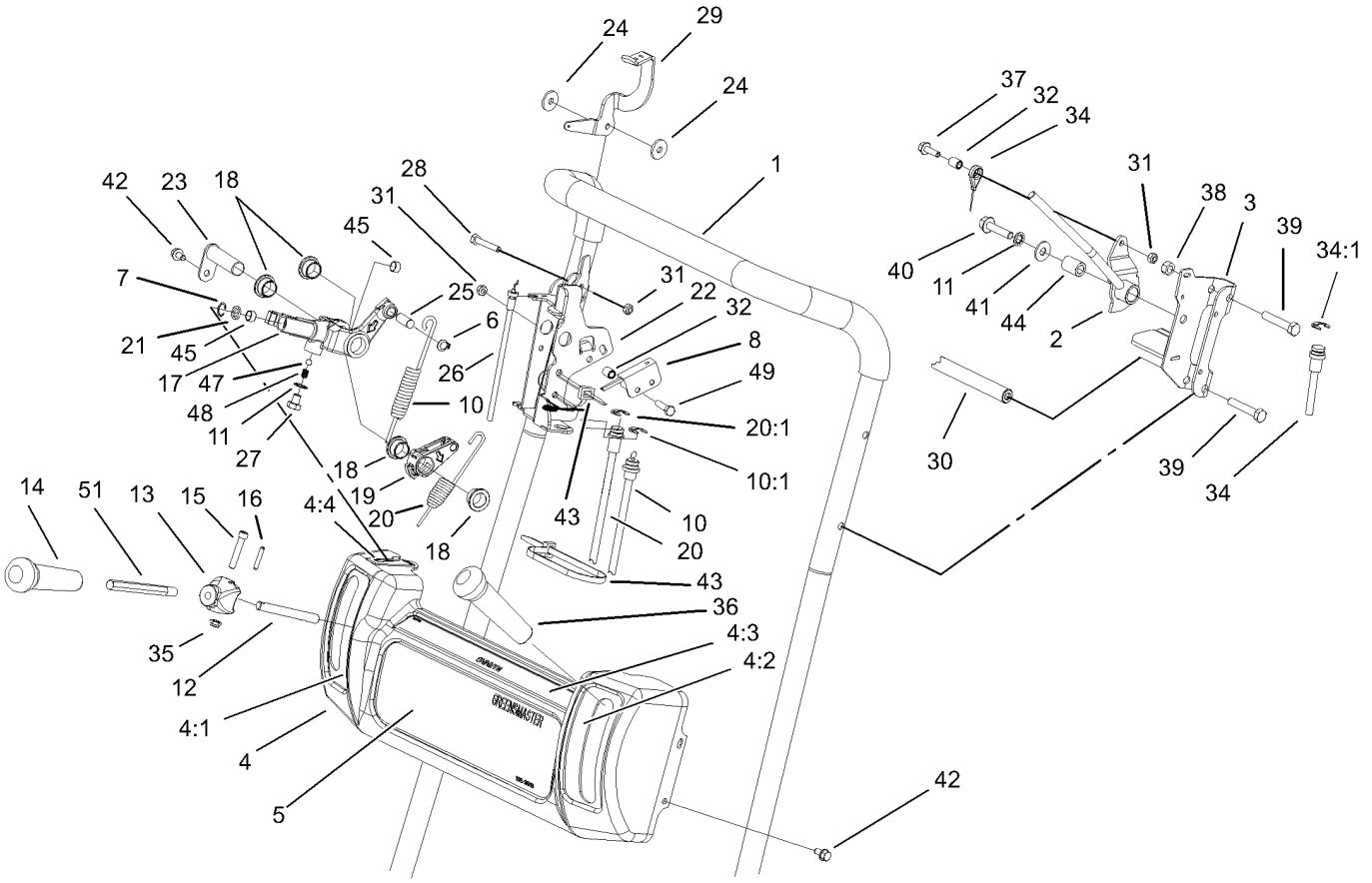


Handle Assembly

Ref	Part No.	Qty.	Description
1	104-9788	1	Handle
2	105-5321	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
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
20	99-3765	1	Cable-Clutch, Reel

Ref	Part No.	Qty.	Description
20:1	32120-47	1	Ring-Retaining, External
21	105-2407	1	Wiper
22	106-4697-03	1	Control Bracket ASM
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	1	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	3256-71	1	Washer-Flat
42	104-2628	5	Screw-HWH
43	3290-378	4	Tie-Cable

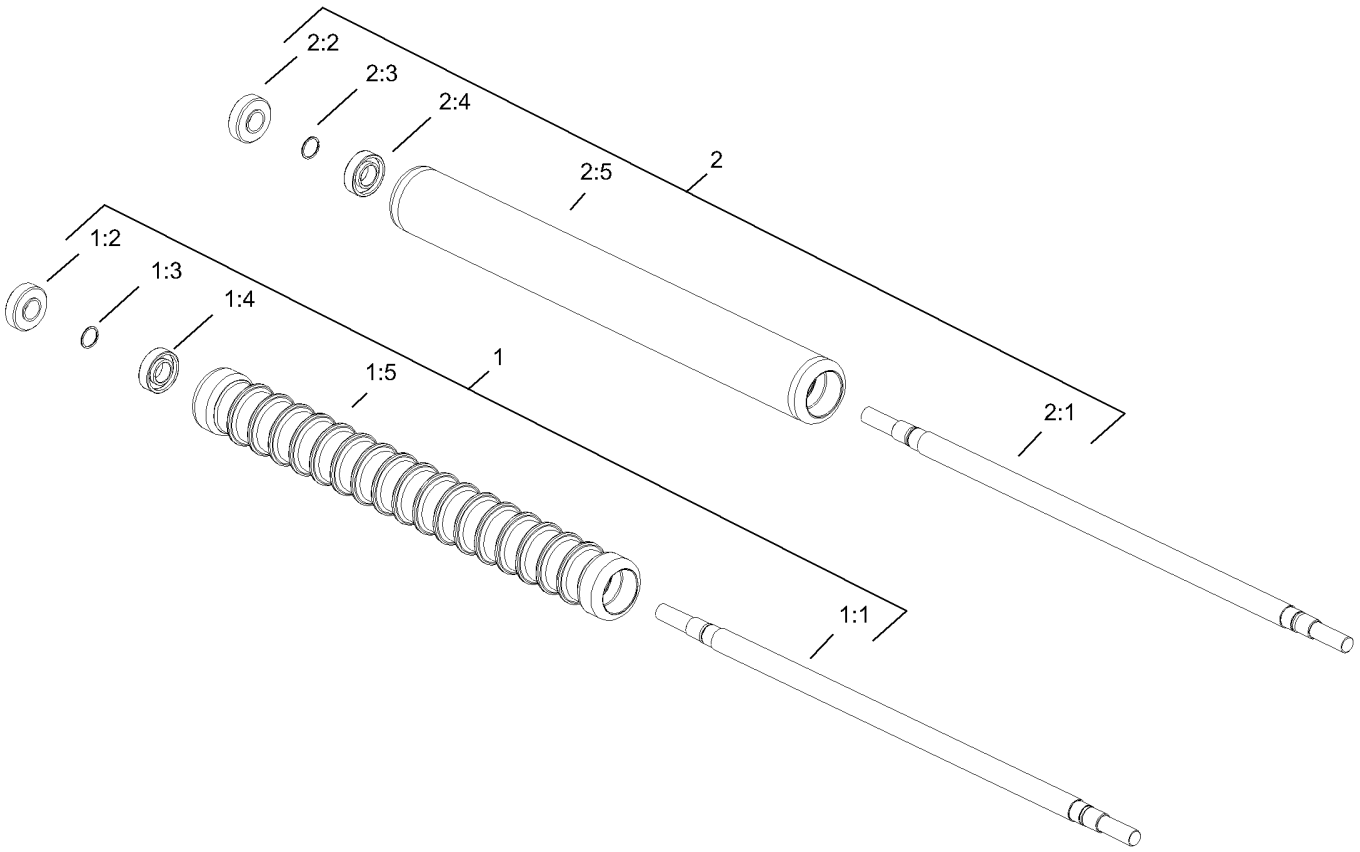
PROTOTYPE



Handle Assembly (continued)

Ref	Part No.	Qty.	Description
44	105-5322	1	Bushing-Bronze
45	99-6247	2	Bushing-Bronze
47	105-2442	1	Ball-Detent
48	105-2443	1	Spring-Detent
49	33113-025	2	Screw-HH
51	105-5319	1	Rod-Handle

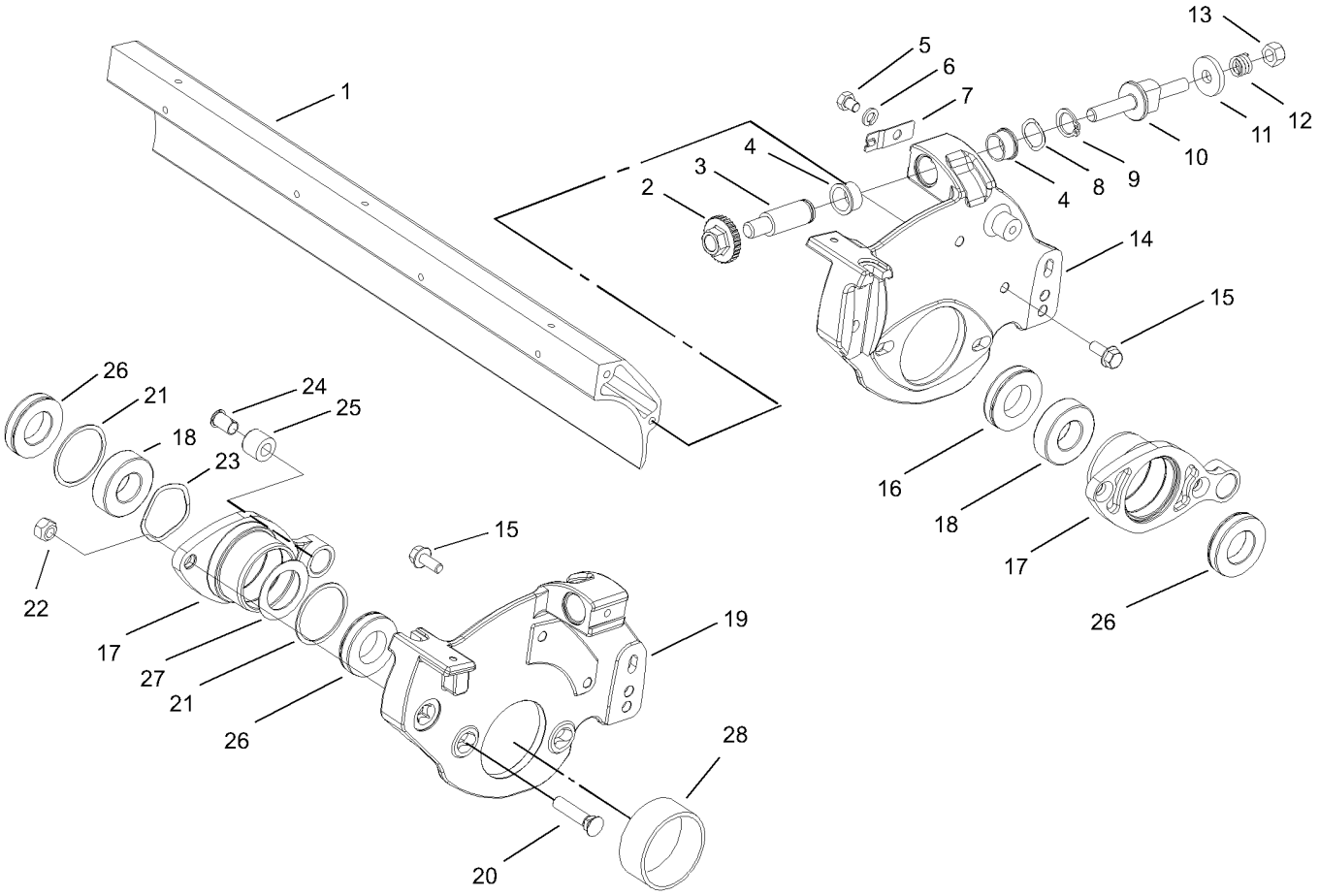
PROTOTYPE



Roller Option Assembly

Ref	Part No.	Qty.	Description
1	99-6215	1	Wiehle Roller ASM
1:1	104-2606	1	Shaft-Roller
1:2	99-3842	2	Seal-Oil
1:3	32120-15	2	Ring-Snap, Ext
1:4	251-347	2	Bearing-Ball
1:5	99-6216	1	Roller-Wiehle
2	104-9796	1	Full Roller ASM
2:1	104-2606	1	Shaft-Roller
2:2	99-3842	2	Seal-Oil
2:3	32120-15	2	Ring-Snap, Ext
2:4	251-347	2	Bearing-Ball
2:5	105-5341	1	Roller Tube ASM

PROTOTYPE

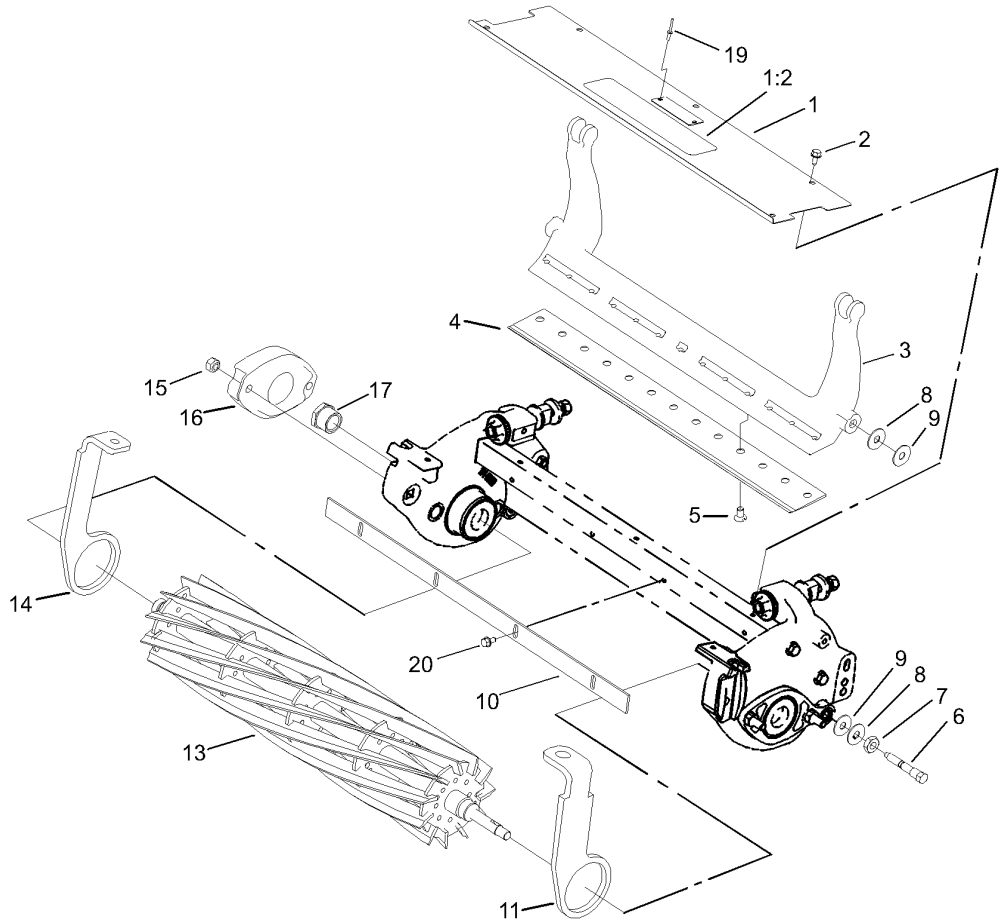


Right and Left Side Plate Assembly

Ref	Part No.	Qty.	Description
1	106-4692	1	Frame-Shield, Extrusion
2	93-2549	2	Nut-Adjuster
3	99-2093	2	Nut-Adjuster, Bedbar
4	256-252	4	Bearing-Flange
5	33114-010	2	Screw-HH
6	3253-4	2	Washer-Lock
7	99-2097	2	Detent
8	95-3703	2	Washer-Spring, Wave
9	32120-93	2	Ring-Retaining
10	99-2096	2	Screw-Adjuster, Bedbar
11	99-2098	2	Washer
12	99-3755	2	Spring-Compression
13	33025-00	2	Nut-Lock
14	105-5348	1	Plate-Side, LH
15	33104-020	4	Screw-HHF
16	105-9945	2	Seal-Grease, Blue
17	99-3766	2	Housing-Bearing, Reel
18	251-342	2	Bearing-Ball
19	105-5347	1	Plate-Side, RH
20	105-5342	4	Bolt-Plow
21	32151-92	2	Ring-Retaining
22	105-5344	4	Nut-Tapered
23	3290-485	1	Washer-Wave
24	52-2890	2	Bushing-Nylon

Ref	Part No.	Qty.	Description
25	63-9510	2	Bushing
26	105-9945	2	Seal-Grease, Blue
27	105-9943	1	Washer-Thrust
28	106-4691	2	Bushing-Pitch

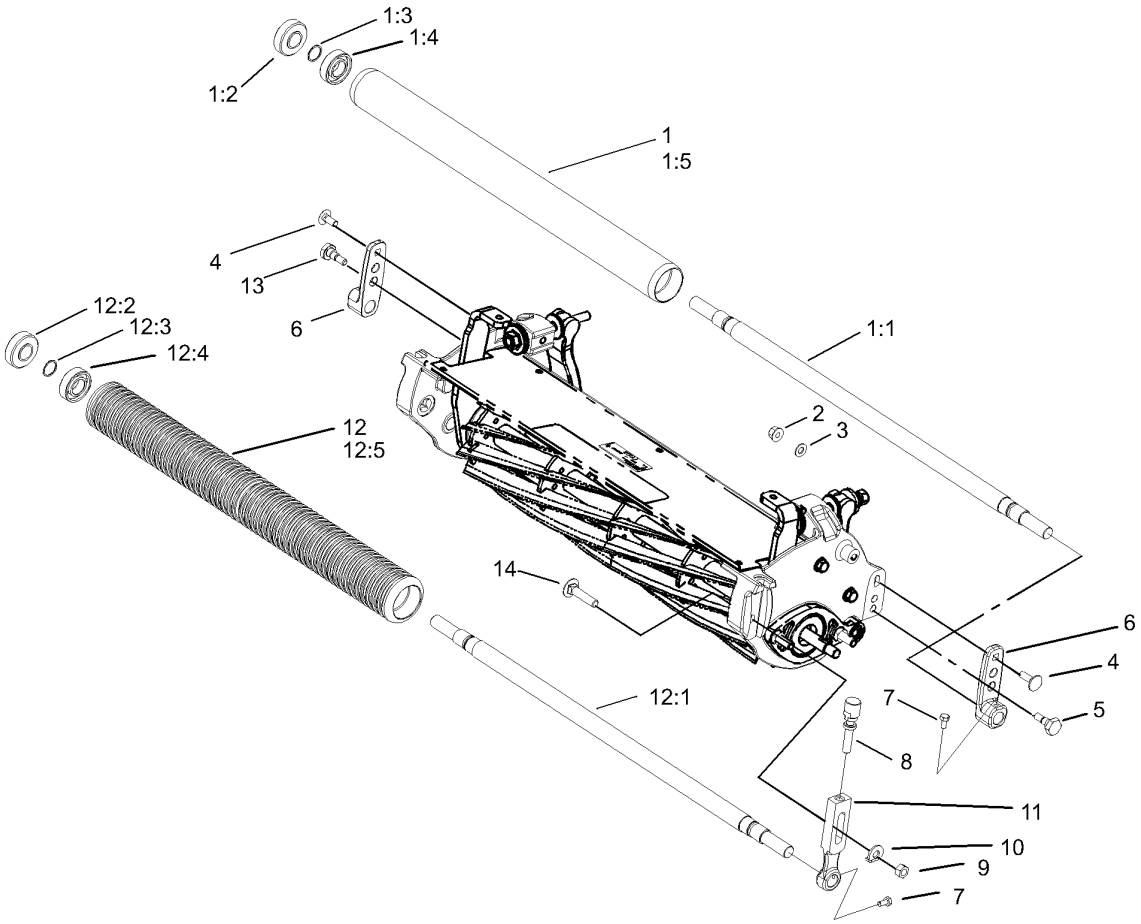
PROTOTYPE



Reel Assembly

Ref	Part No.	Qty.	Description
1	104-2632	1	Grass Shield ASM
1:2	84-6560	1	Decal-Warning (Japan)
1:2	93-8064	1	Decal-Danger, Ce
2	104-2628	5	Screw-HWH
3	99-3794-01	1	Bedbar
4	104-7720	1	Bedknife-Microcut, Ext
4	93-4262	1	Bedknife-Microcut
4	93-4263	1	Bedknife-Tournament Cut
4	93-4264	1	Bedknife-Low Cut
5	57-4910	13	Screw
6	65-6270	2	Bolt-Bedbar
7	3220-26	2	Nut-Jam
8	52-2860	4	Washer
9	52-2900	4	Washer
10	106-2617-03	1	Bar-Cut Off
11	106-4677-01	1	Arm-Pitch, LH
13	104-0500	1	11 Blade Reel ASM
13	105-2400	1	8 Blade Reel ASM
14	106-4676-01	1	Arm-Pitch, RH
15	104-2611	2	Nut-HF
16	104-0534-03	1	Weight-Reel
17	99-3767	1	Nut-Lock, Bearing
19	3290-271	2	Rivet-Pop
20	33103-016	4	Screw-HHF

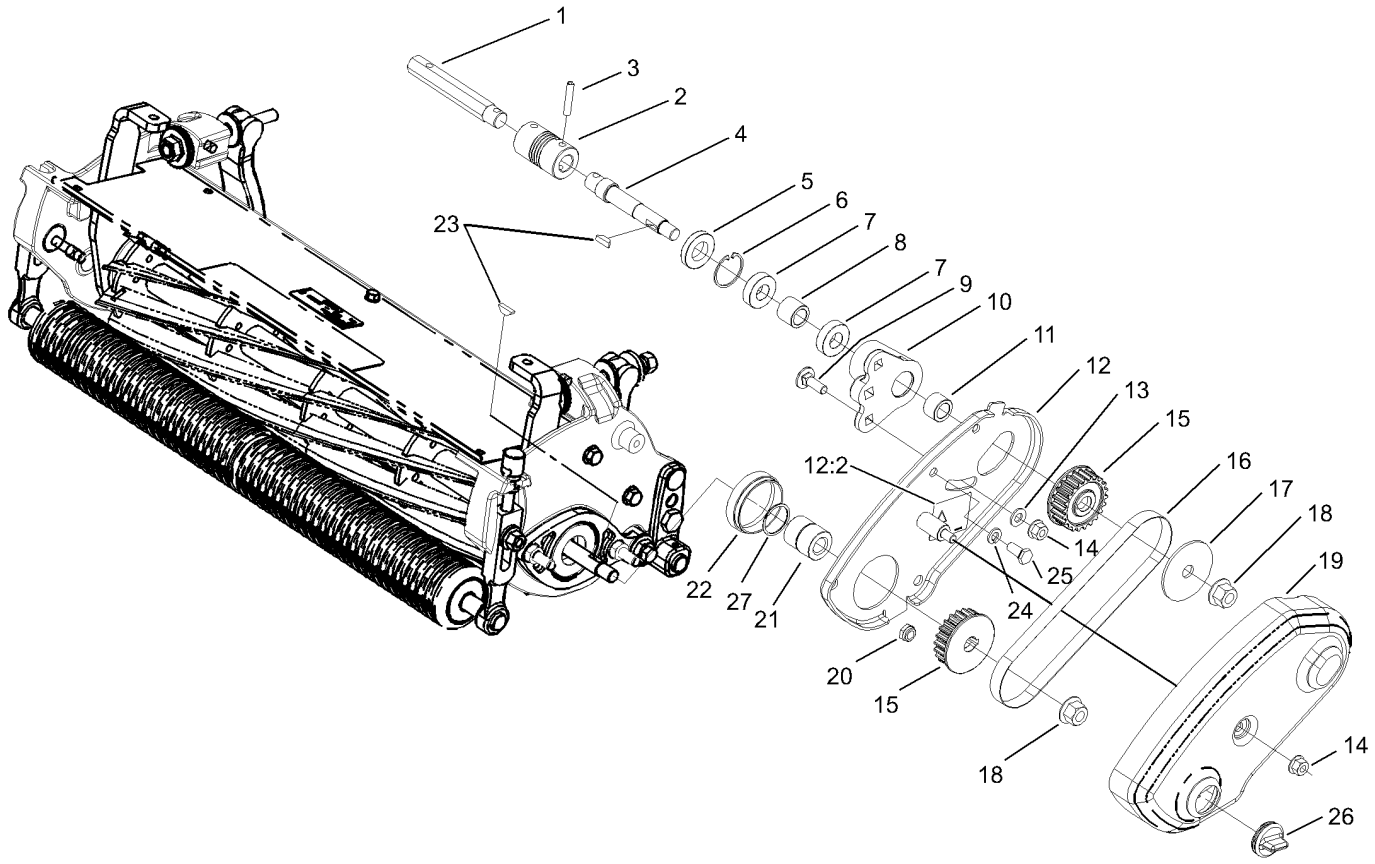
PROTOTYPE



Roller Assembly

Ref	Part No.	Qty.	Description
1	99-3840	1	Full Roller ASM
1:1	104-2606	1	Shaft-Roller
1:2	99-3842	2	Seal-Oil
1:3	32120-15	2	Ring-Snap, Ext
1:4	251-347	2	Bearing-Ball
1:5	99-3841	1	Roller-Full
2	104-2612	4	Nut-HF
3	3256-23	4	Washer-Flat
4	33124-025	2	Screw-CARR
5	105-3834	1	Bolt-Shoulder
6	99-3792	2	Bracket-Roller, Rear
7	33113-012	4	Screw-HH
8	106-2635	2	Screw-HOC
9	106-4668	2	Nut-Lock
10	104-2603	2	Washer-HOC
11	99-3781	2	Arm-HOC
12	104-9795	1	Wiehle Roller ASM
12:1	104-2606	1	Shaft-Roller
12:2	99-3842	2	Seal-Oil
12:3	32120-15	2	Ring-Snap, Ext
12:4	251-347	2	Bearing-Ball
12:5	104-0540	1	Roller-Wiehle
13	105-3833	1	Bolt-Eccentric
14	105-5342	2	Bolt-Plow

PROTOTYPE

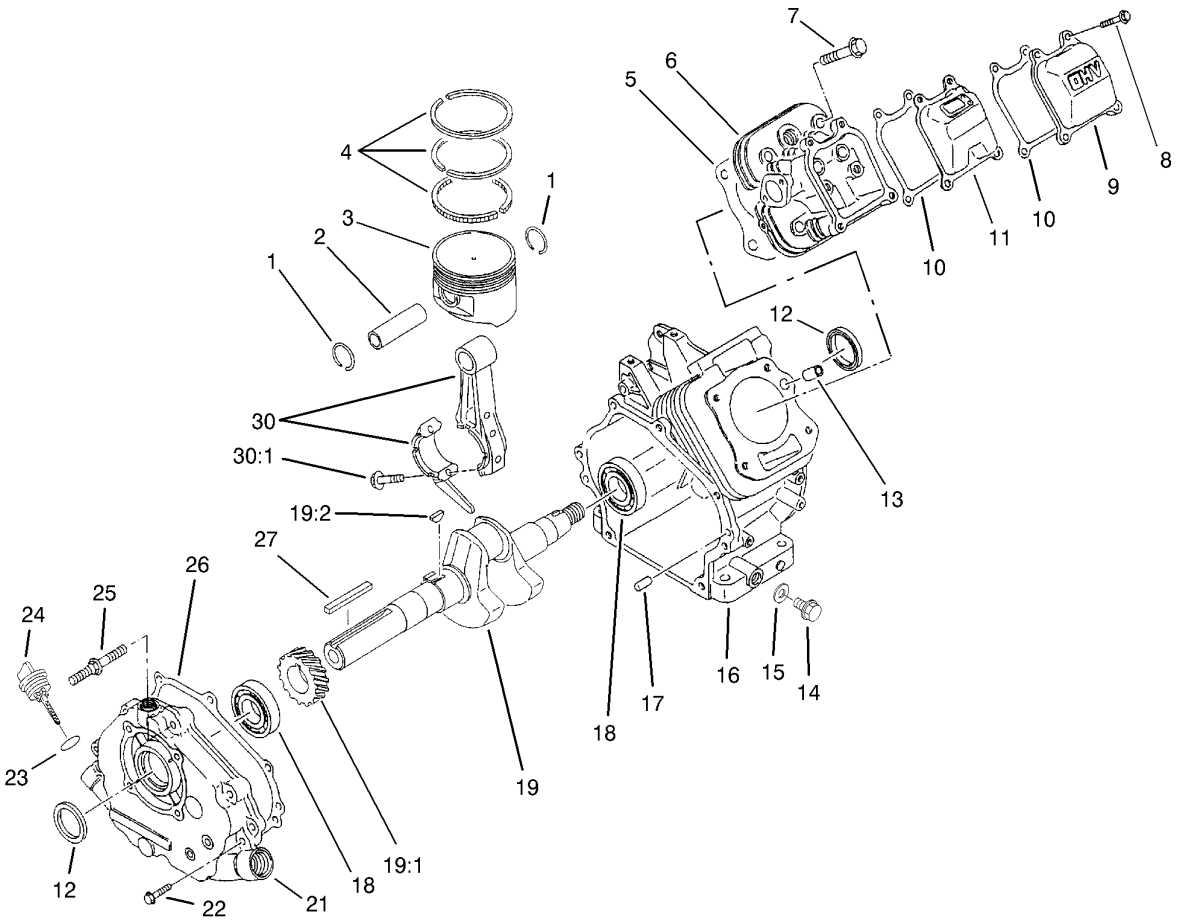


Reel Drive Assembly

Ref	Part No.	Qty.	Description
1	99-3760	1	Shaft-Hex
2	99-3757	1	Coupling-Flex
3	32121-69	2	Pin-Spring
4	99-3756	1	Shaft
5	253-120	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	104-2631	1	Reel Drive Plate ASM
12:2	93-9356	1	Decal-Warning, Belt
12:2	93-9389	1	Decal-Warning, Belt (Japan)
13	3256-23	2	Washer-Flat
14	104-2612	3	Nut-HF
15	99-2081	2	Pulley-22 Tooth
16	99-2022	1	Belt
17	104-0532	1	Washer-Pulley
18	104-2610	2	Nut-HF
19	99-3793	1	Cover-Drive, Reel
20	104-2611	2	Nut-HF
21	99-2032	1	Spacer
22	99-2087	1	Spacer

Ref	Part No.	Qty.	Description
23	3257-30	2	Key-Woodruff
24	3253-4	1	Washer-Lock
25	33114-016	1	Screw-HH
26	105-2438	1	Plug
27	32120-69	1	Ring-Snap

PROTOTYPE

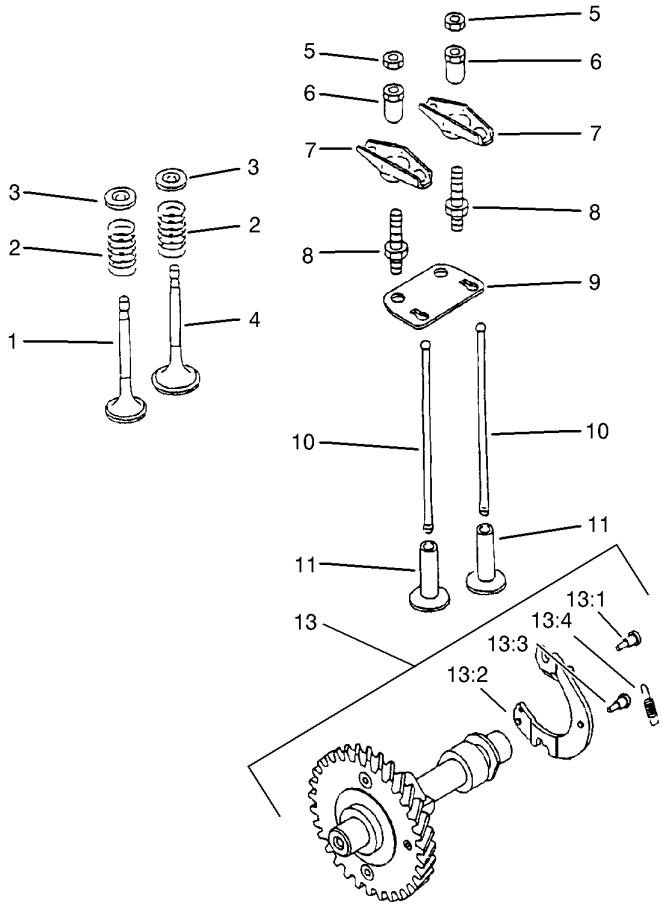


Crankcase Assembly

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

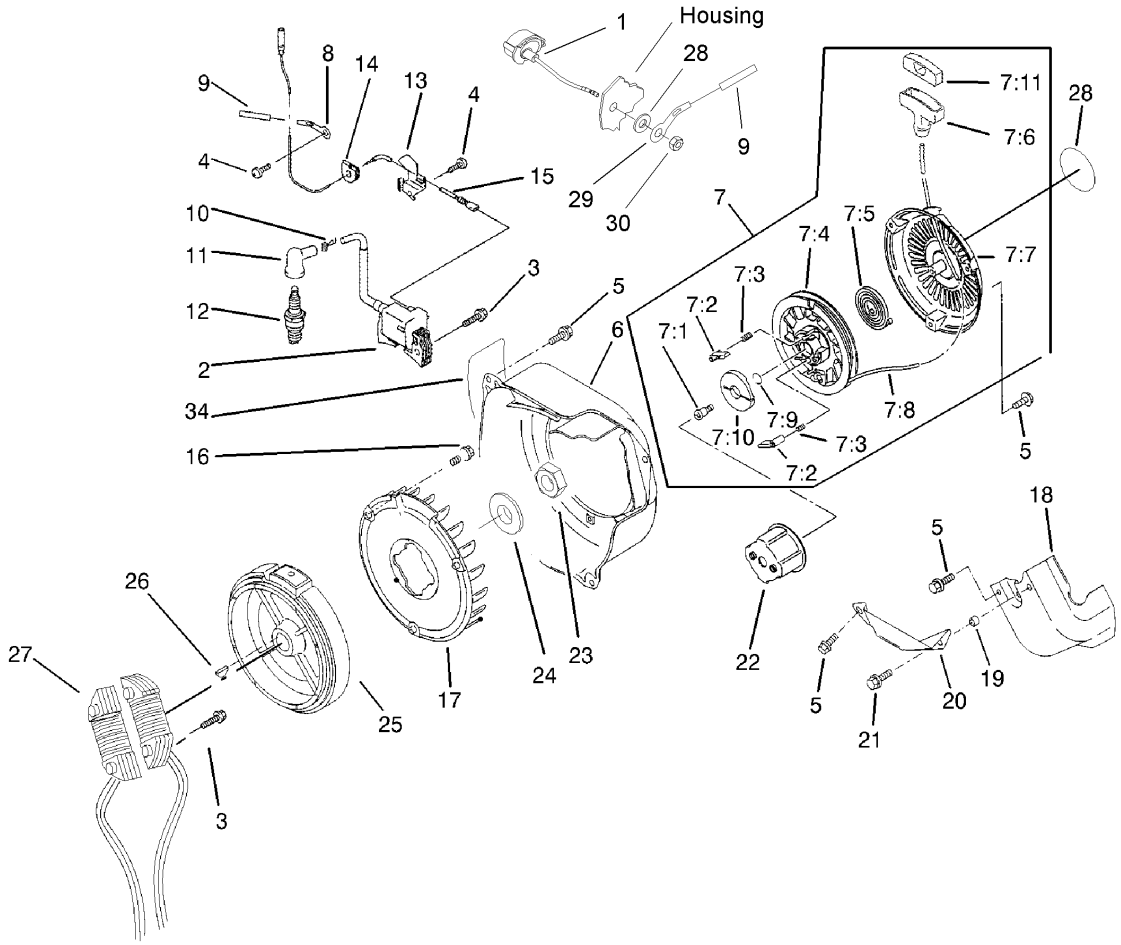
PROTOTYPE



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

PROTOTYPE

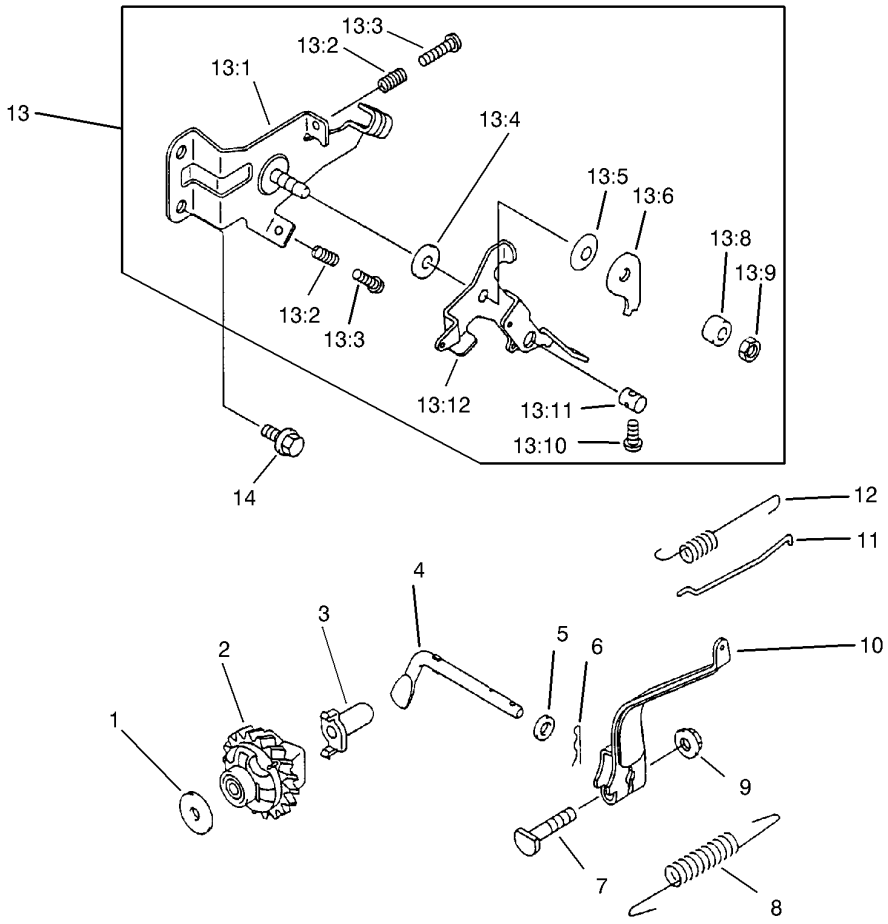


Ignition Assembly

Ref	Part No.	Qty.	Description
1	107-7606	1	Switch Assembly, Sealed
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

PROTOTYPE

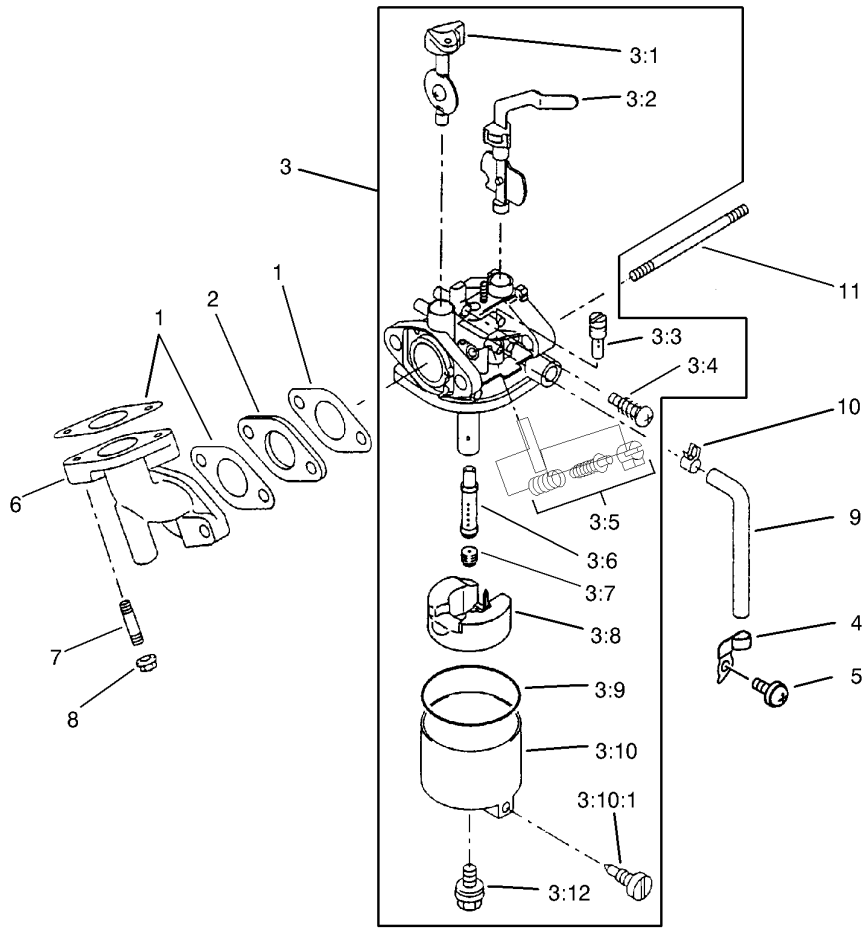


Governor Assembly

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

PROTOTYPE

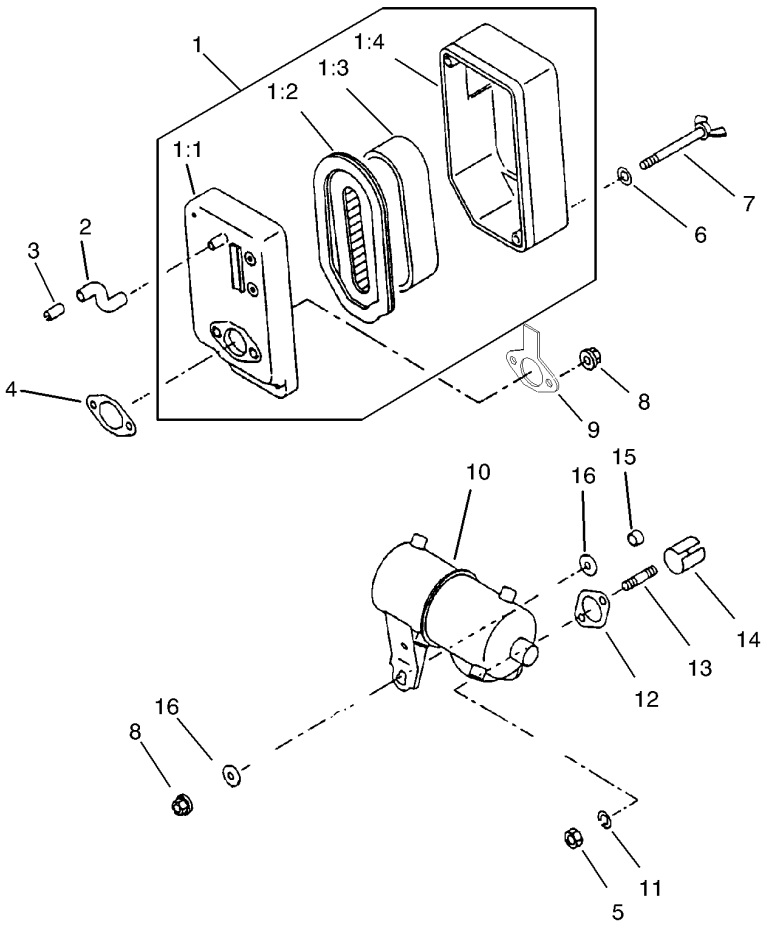


Carburetor Assembly

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

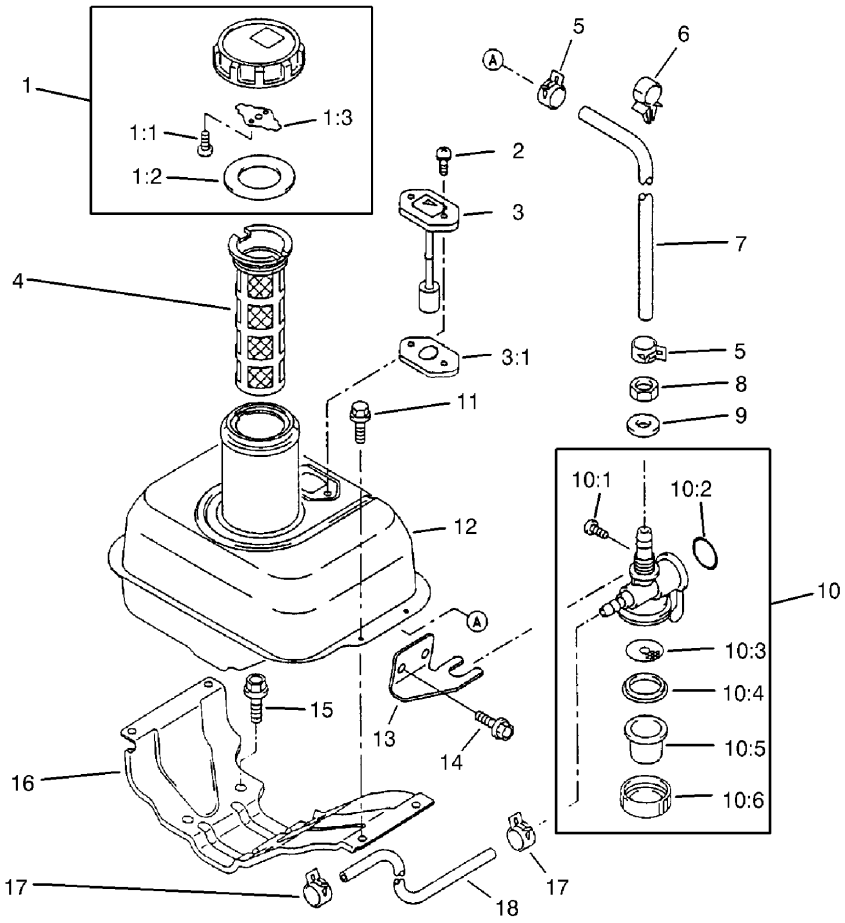
PROTOTYPE



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	Muffler
11	93-8655	2	Washer-Spring
12	93-8654	1	Gasket-Muffler
13	94-6848	2	Bolt-Stud
14	93-8652	1	Pipe-Exhaust
15	93-8651	1	Collar
16	93-8650	2	Washer

PROTOTYPE

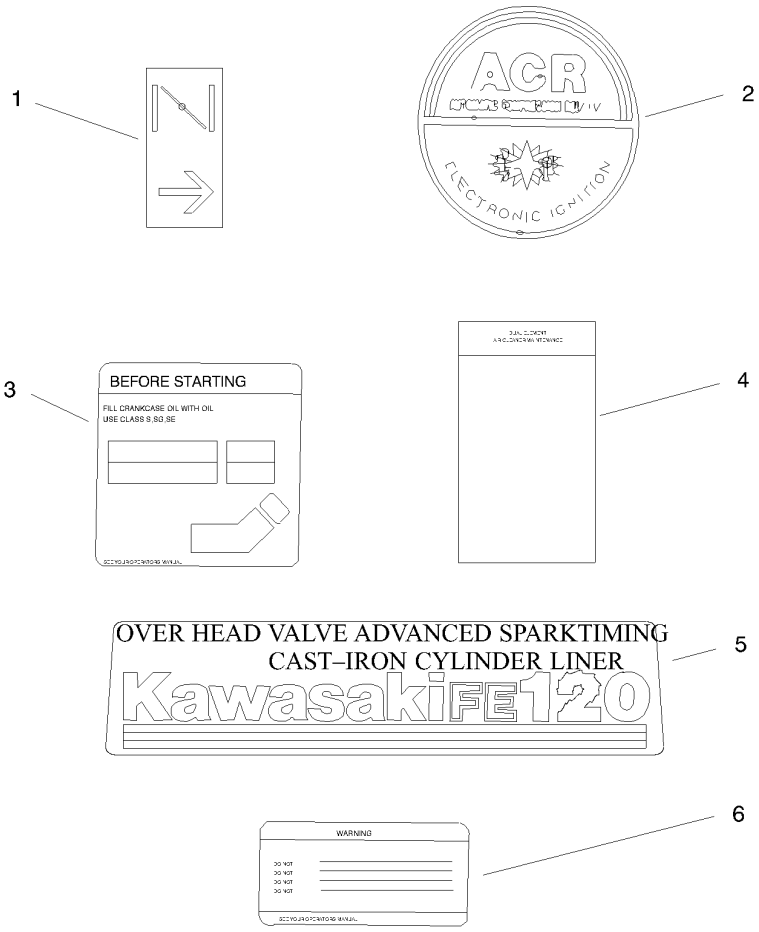


Fuel Tank Assembly

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

PROTOTYPE



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

PROTOTYPE

NOTES

PROTOTYPE

NOTES

PROTOTYPE

NOTES

PROTOTYPE



PROTOTYPE