



21in Heavy-Duty Rear Bagger Lawn Mower

Model No. 22189 - 270004001 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

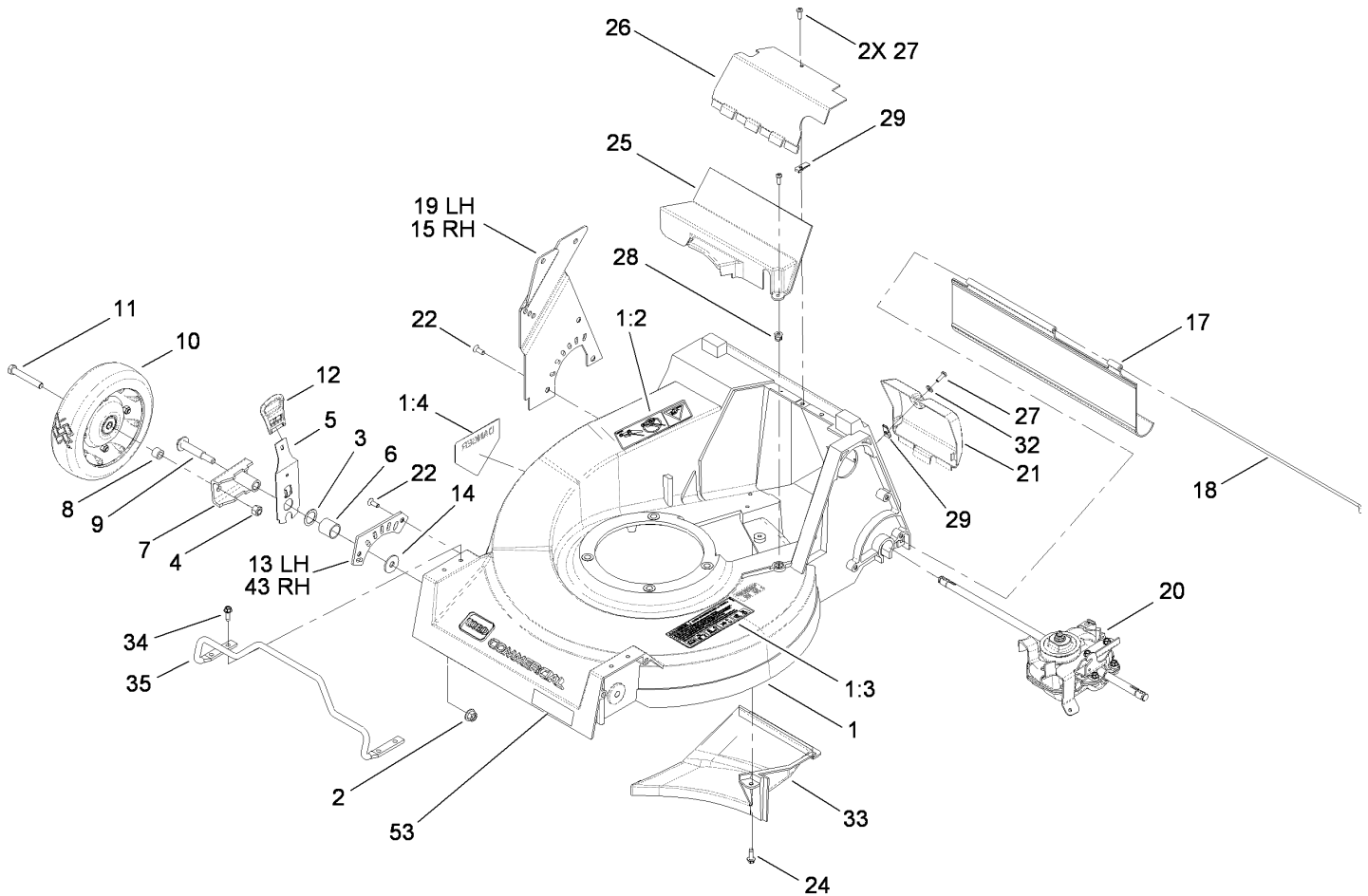
Part descriptions in this catalog may include the following abbreviations.

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
HSH. 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 illustrated
- ❷ Obtain from your local Kawasaki dealer

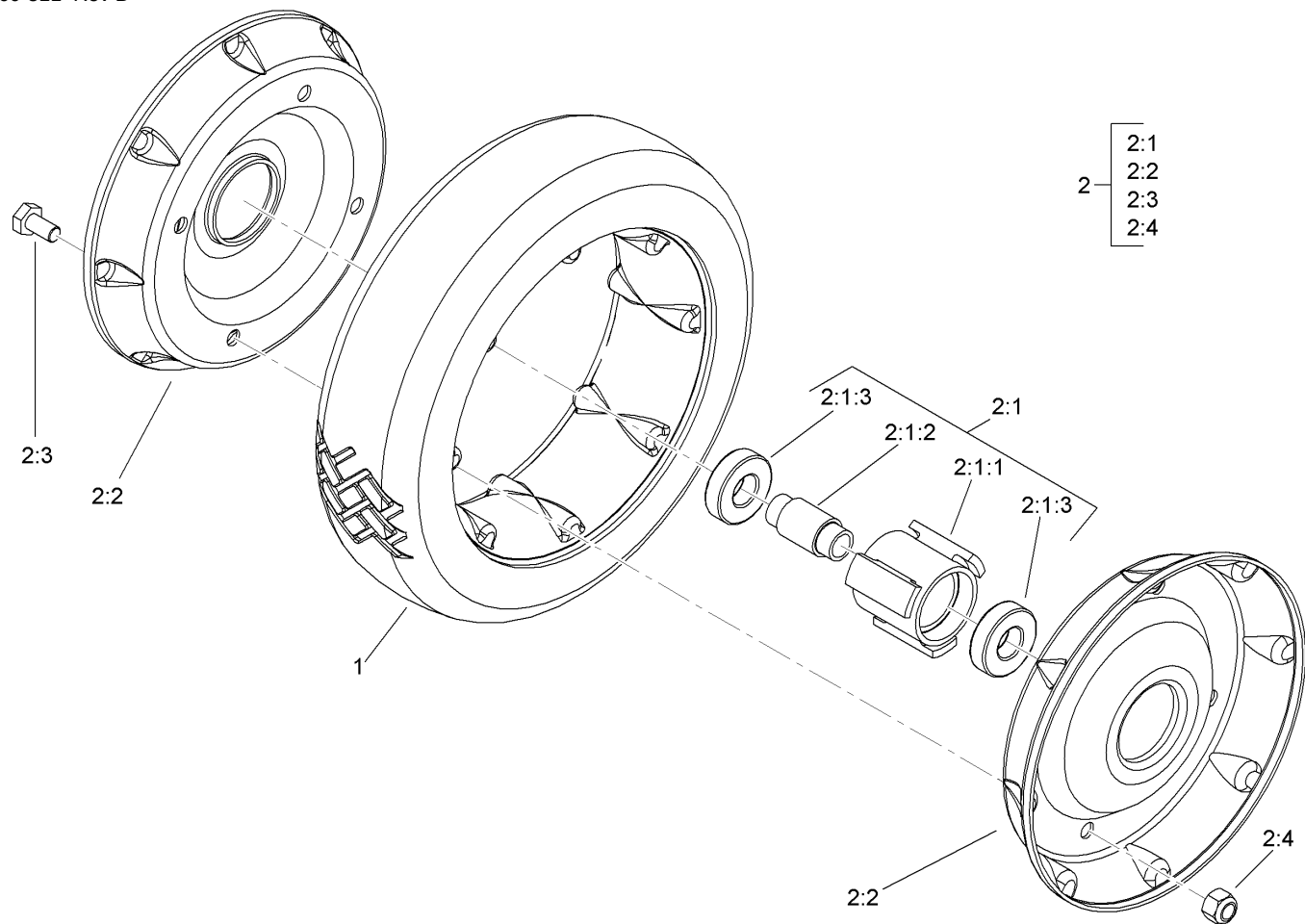
- ❸ Not serviced separately



Housing Assembly

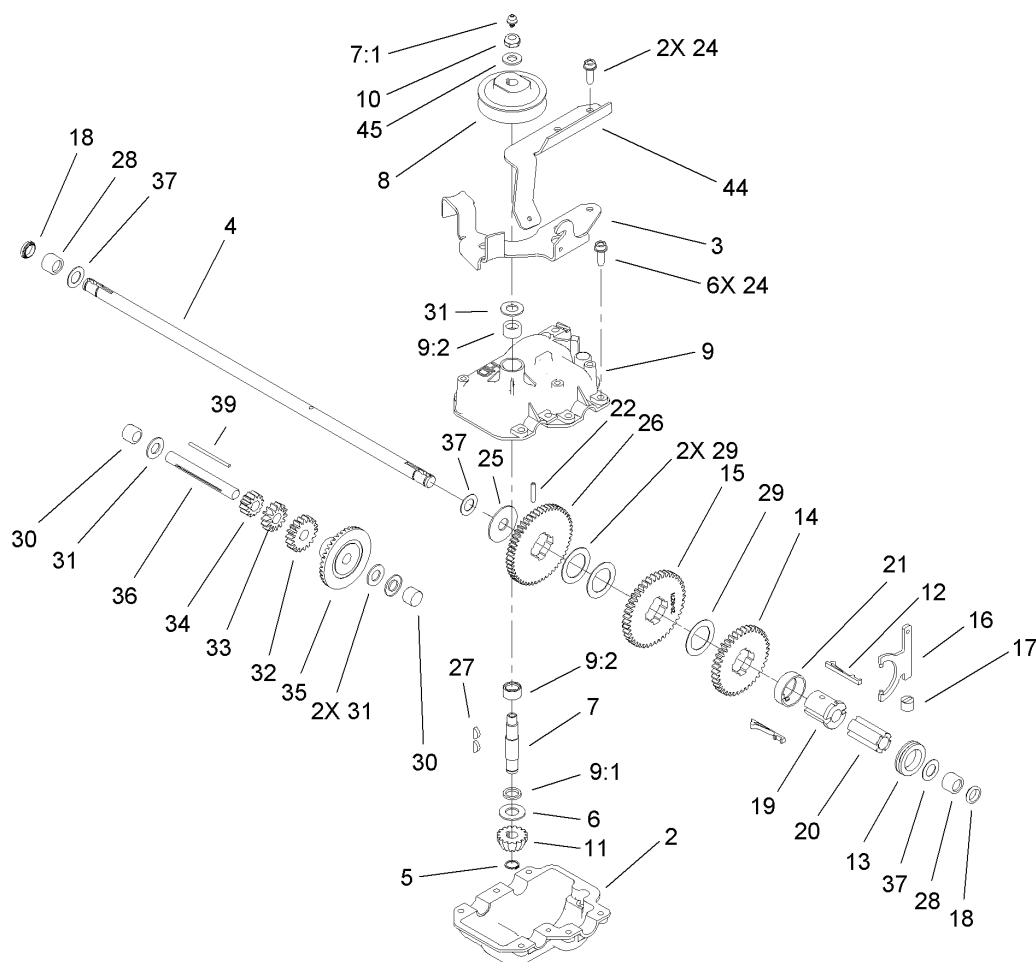
Ref	Part No.	Qty.	Description
1	115-0991	1	Deck ASM
1:2	110-4977	1	Decal-Danger
1:3	110-4989	1	Decal-Warning
1:4	43-8480	1	Decal-Danger
2	54-9190	2	Nut-Lock
3	115-0972	2	Washer
4	32152-2	2	Nut-Lock, Cone
5	115-0980	2	Front Spring Arm ASM
6	75-5310	2	Spacer-Bearing
7	61-8300	2	Arm-Pivot, Front
8	52-2480	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, Right
53	68-7410	1	Decal-Blade



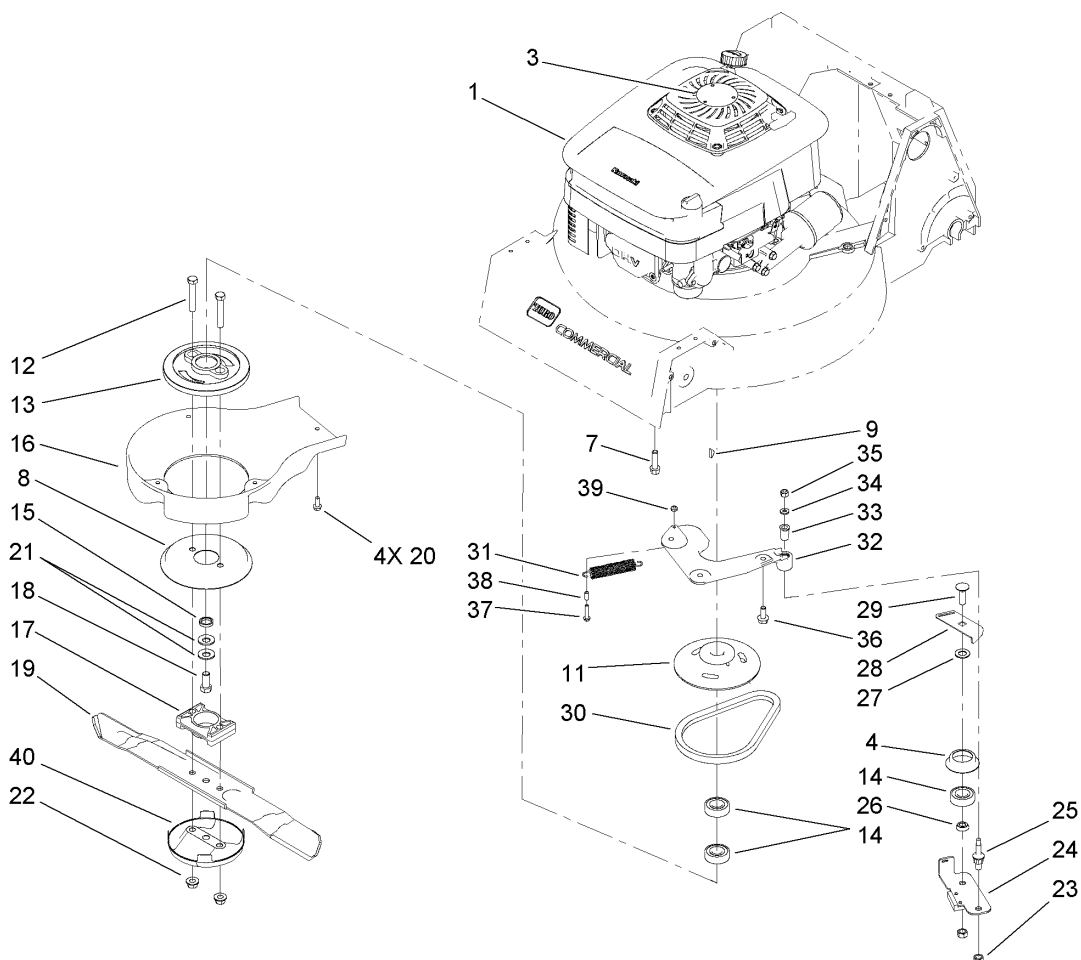
Wheel and Tire Assembly No. 100-2870

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

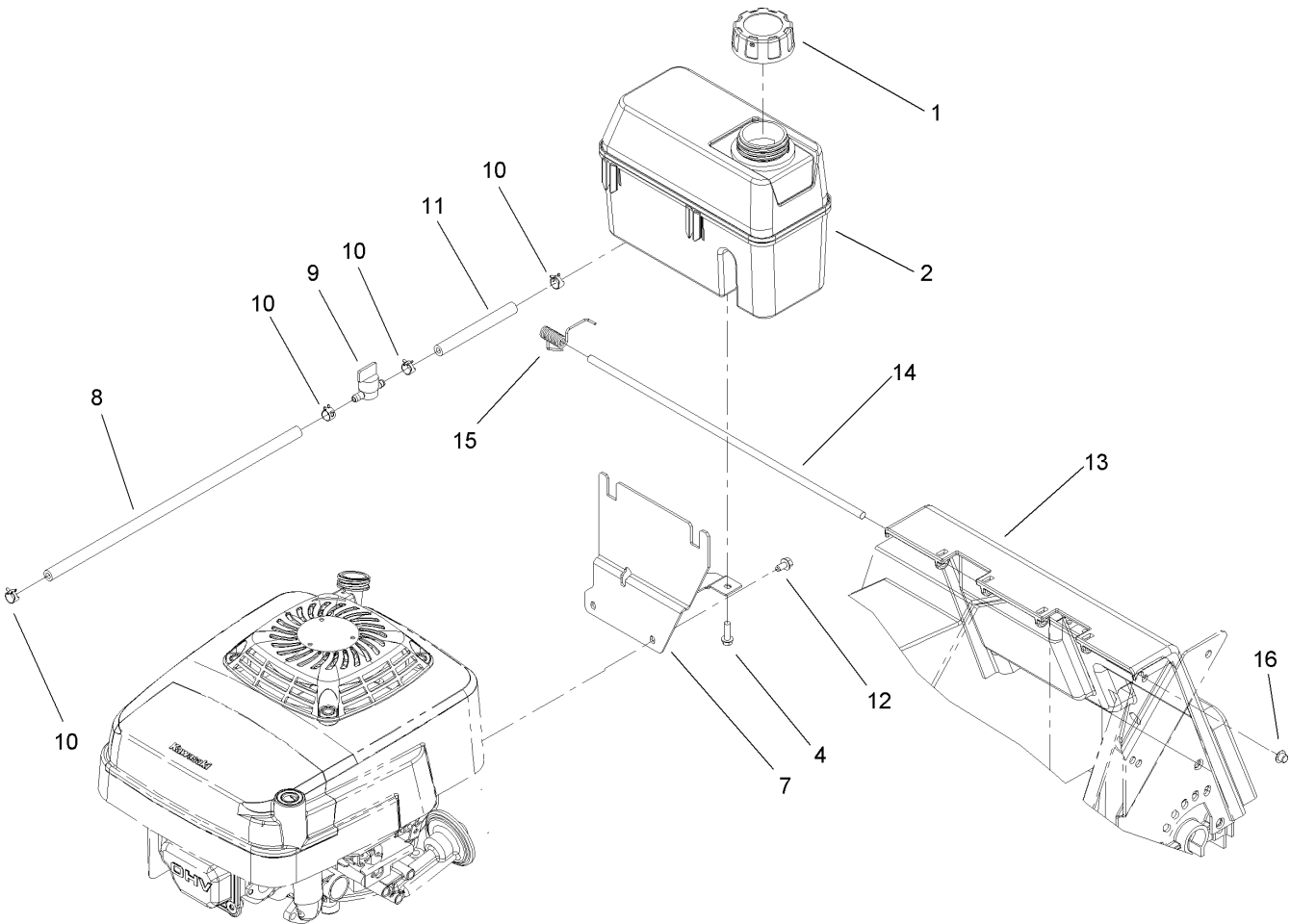
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	74-1920	1	Case-Gear, Lower	24	49-2040	8	Screw-HWHTF
3	49-8461-03	1	Bracket-Guide, Belt	25	29-9690	1	Washer
4	74-1890	1	Shaft-Output	26	46-3560	1	Gear
5	32151-57	1	Ring-Retaining	27	3257-1	2	Key-Woodruff
6	47-2910	1	Washer-Thrust	28	48-2060	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				



Engine and Blade Brake Clutch Assembly

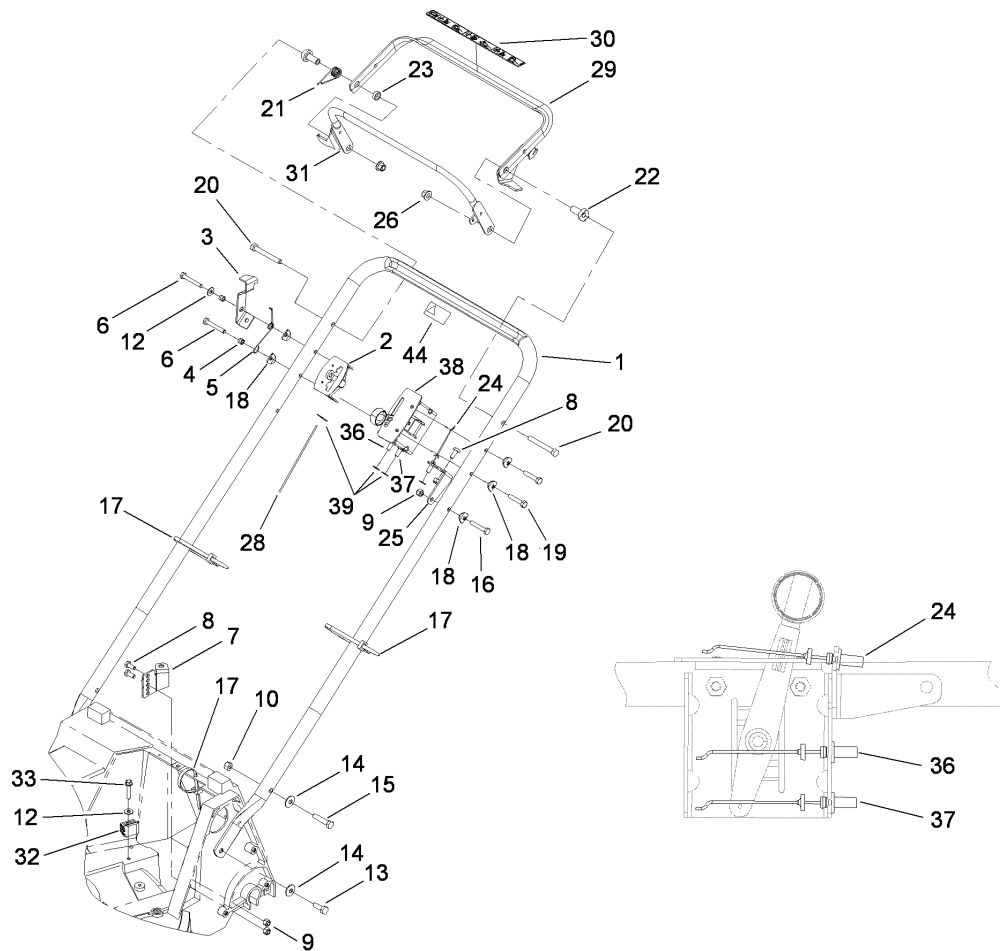
Ref	Part No.	Qty.	Description
1	110-5048	1	Engine-Kawasaki, Fj180V-As30
3	110-0520	1	Decal
4	108-3790	1	Retainer-Belt
7	95-1727	4	Screw-Taptite
8	108-3787	1	Disc
9	3257-17	1	Key-Woodruff
11	110-4967	1	Pulley-Upper Half, BBC
12	104-5936	2	Screw-HH
13	107-0754	1	Drum
14	100-1048	3	Bearing-Ball
15	107-4293	1	Spacer-Plate, BBC
16	110-0508	1	Shield-BBC
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

Ref	Part No.	Qty.	Description
29	3231-25	1	Screw-CARR
30	110-1790	1	Belt-BBC
31	115-4471	1	Spring-Tension, Brake
32	107-4280	1	Plate-Mounting, BBC
33	107-0797	1	Bushing
34	3256-16	1	Washer-Flat
35	3296-42	1	Nut-Lock, NI
36	33104-020	3	Screw-HHF
37	32144-9	1	Screw-TAP
38	107-4292	1	Spacer-BBC
39	3296-27	1	Nut-Lock, NI
40	80-2770	1	Cup-Scalp, Anti



Fuel Tank Assembly

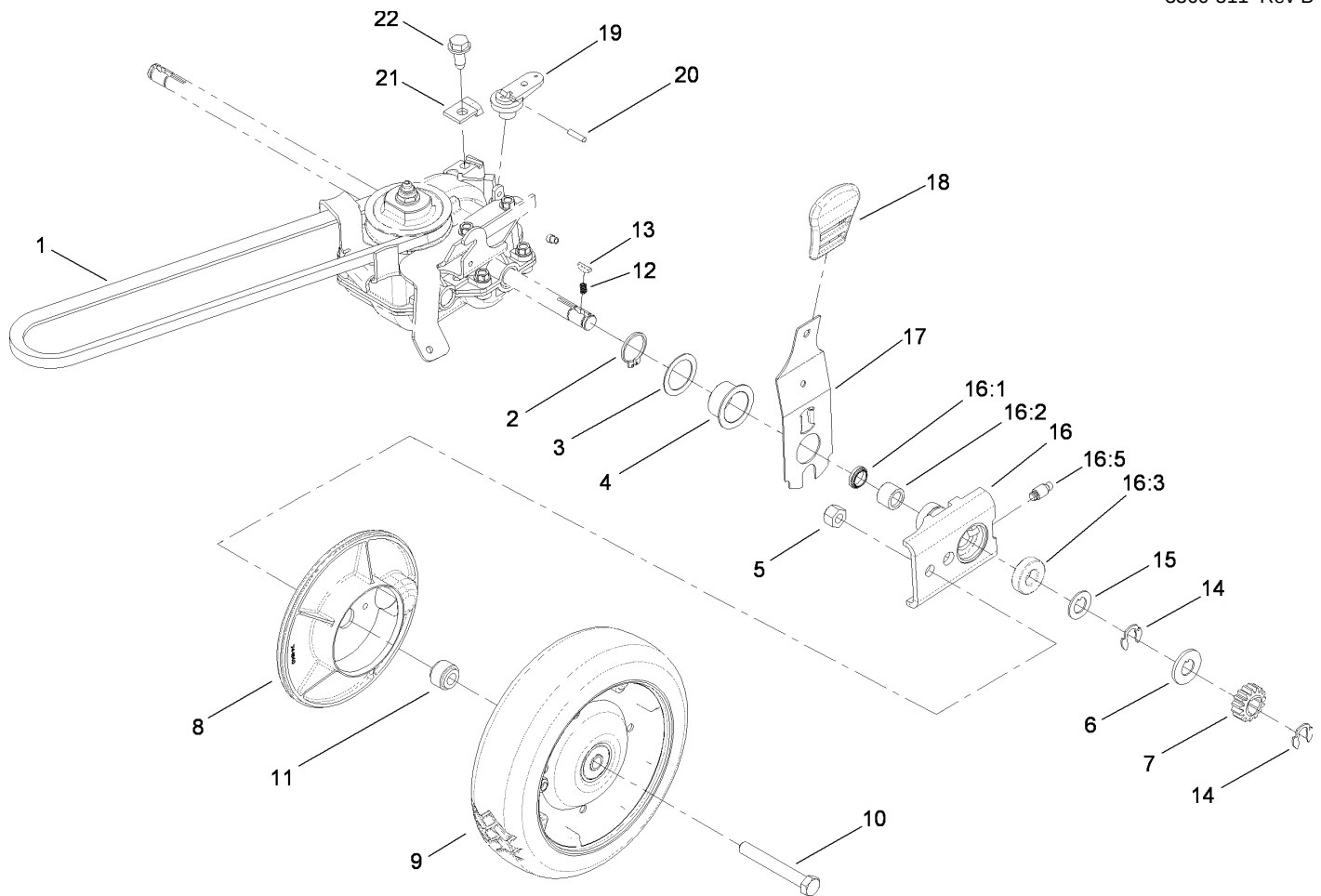
Ref	Part No.	Qty.	Description				
1	93-7198	1	Gas Cap ASM				
2	106-0625	1	Tank-Fuel				
4	46-8091	2	Screw-HWH				
7	110-4950-03	1	Tank Mount ASM				
8	109-0296	1	Hose-Fuel				
9	1-603770	1	Valve-Fuel				
10	2412-98	4	Clamp				
11	109-0650	1	Hose-Fuel				
12	104-2628	3	Screw-HWH				
13	110-5018	1	Door-Discharge, Rear				
14	107-4286	1	Rod-Door				
15	110-5005	1	Spring-Torsion, Door				
16	32112-1	2	Pushnut-Cap, Washer				



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	613580	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	5	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

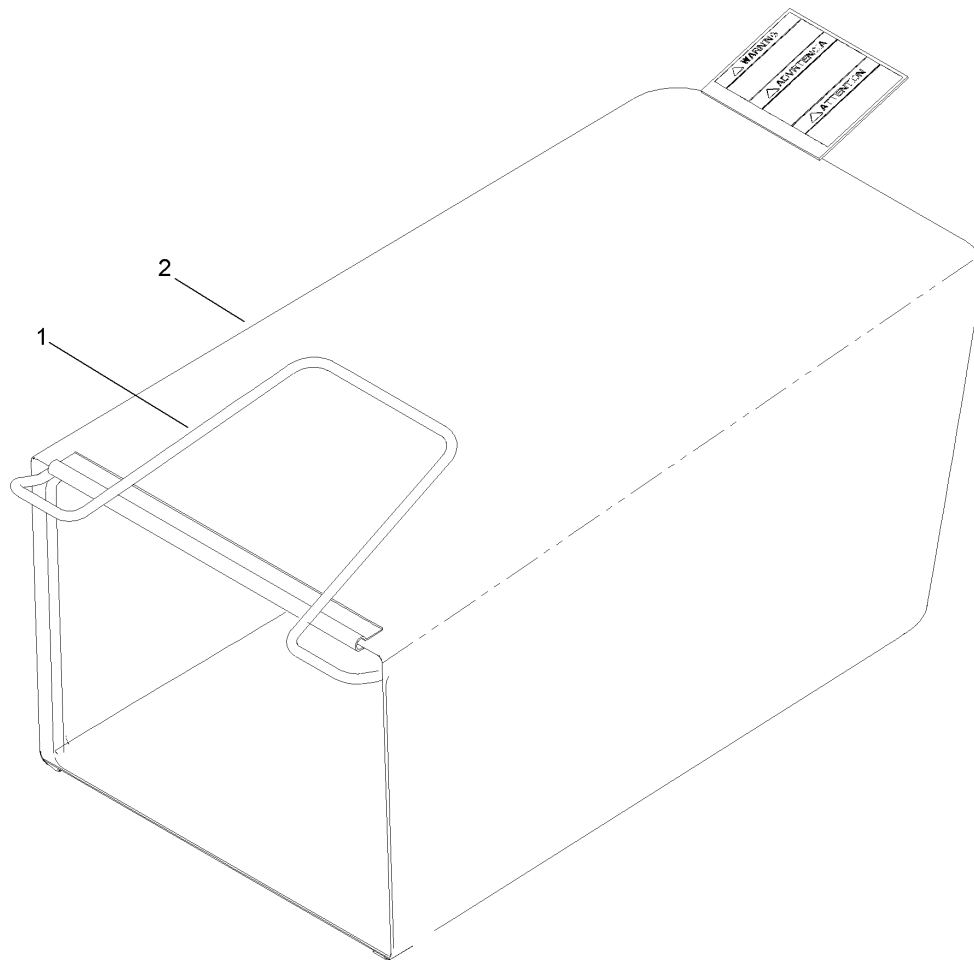
Ref	Part No.	Qty.	Description
26	3296-58	2	Nut-Lock, NI
28	107-4295	1	Cable-Shift
29	110-0545-03	1	Traction Bail ASM
30	110-2114	1	Decal-Control
31	115-4452-03	1	BBC Bail ASM
32	92-7729	1	Anchor-Cable, Upper
33	32144-110	1	Screw-HWH
36	107-4294	1	Cable-Traction
37	110-4923	1	Throttle Cable ASM
38	108-2645	1	Control-Head, Throttle
39	32151-86	4	E-Ring
44	98-4387	1	Decal-Protection, Ear



Rear Suspension Assembly

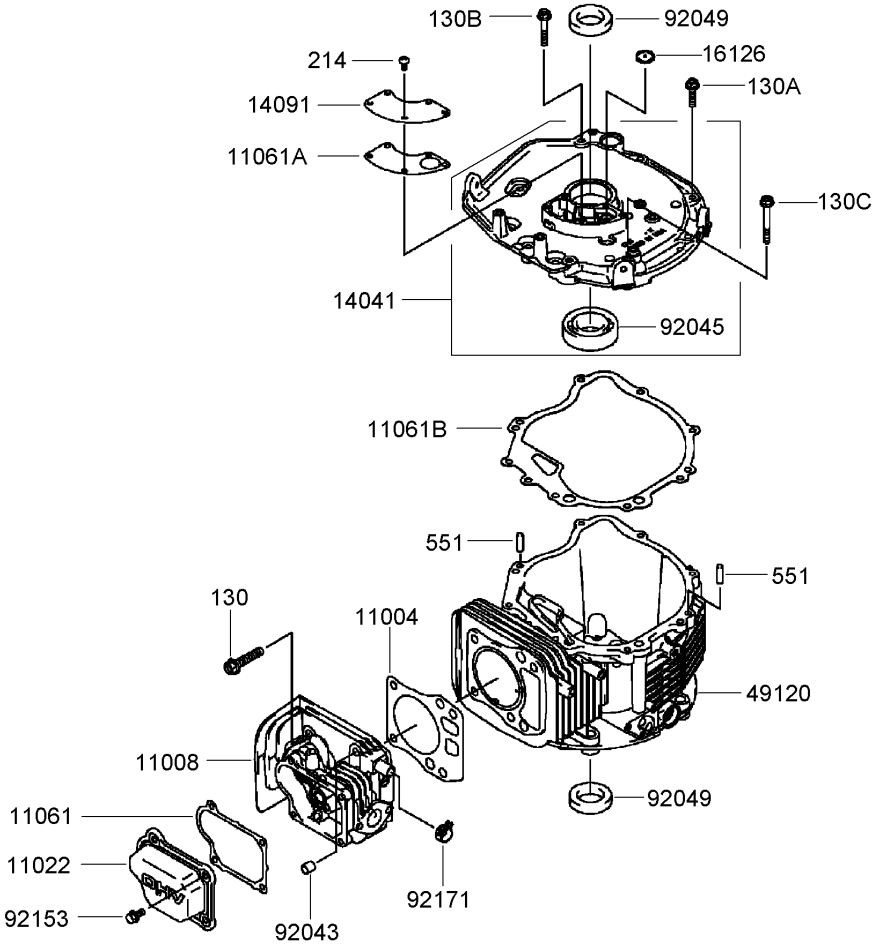
Ref	Part No.	Qty.	Description
1	612652	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	115-0966	2	Bushing-Flange
5	32152-2	2	Nut-Lock, Cone
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	100-2860	2	Wheel And Tire ASM
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, 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



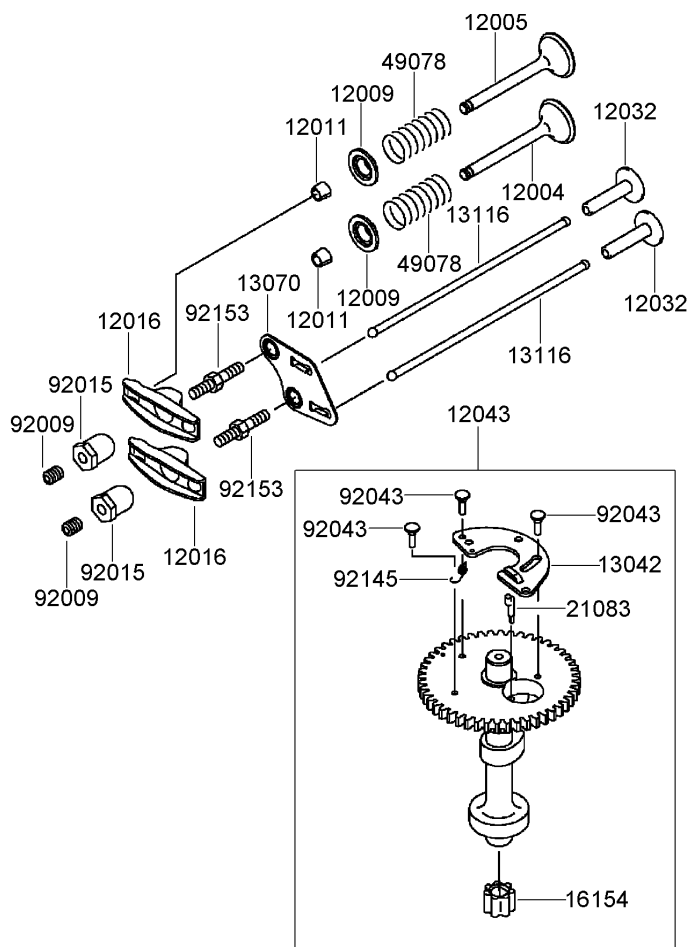
Grass Bag Assembly No. 110-2140

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



Cylinder and Crankcase Assembly
Kawasaki FJ180V-AS30

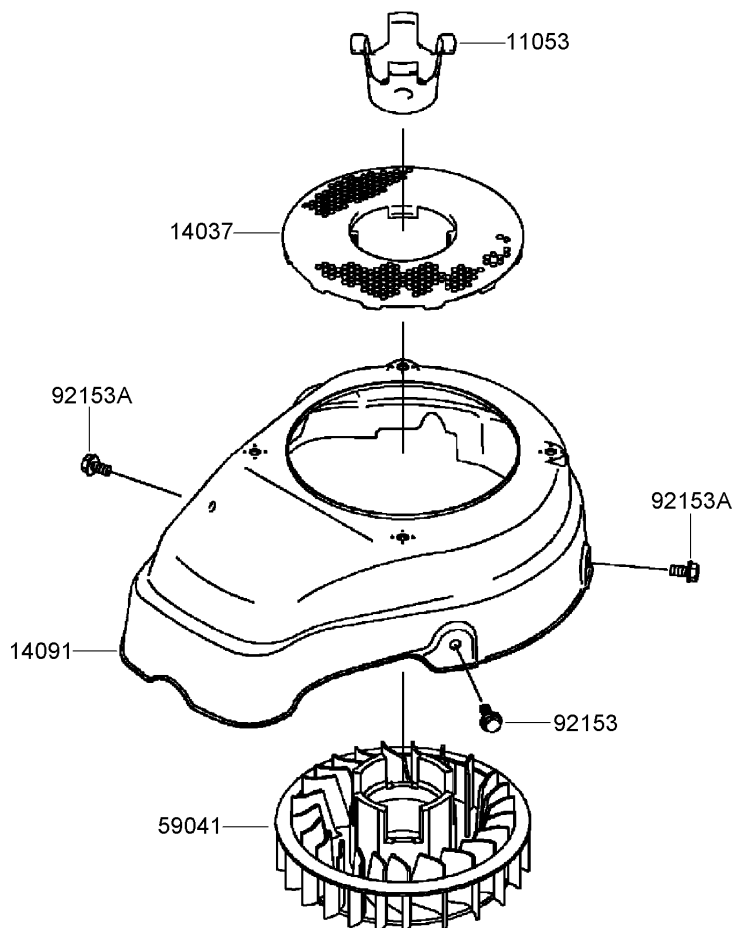
Ref	Part No.	Qty.	Description				
❶11004	11004-7020	1	Gasket-Head				
❶11008	11008-7025	1	Head-Cylinder				
❶11022	11022-7005	1	Case-Rocker				
❶11061	11061-7023	1	Gasket-Case, Rocker				
❶11061A	11061-7031	1	Gasket-Breather				
❶11061B	11061-7060	1	Gasket-Cover, Crankcase				
❶14041	14041-7010	1	Cover				
❶14091	14091-7010	1	Cover-Breather				
❶16126	16126-7014	1	Valve-Breather				
❶49120	49120-7082	1	Crankcase				
❶92043	92043-7001	2	Pin				
❶92045	92045-1207	1	Bearing-Ball (62/28)				
❶92049	92049-7008	2	Seal-Oil (28-44-9 T C)				
❶92153	92153-7043	4	Bolt (6X12)				
❶92171	92171-7024	1	Clamp				
❶130	130CA0840	4	Bolt-Flanged (8X40)				
❶130A	130G0625	7	Bolt-Flanged (6X25)				
❶130B	130G0635	1	Bolt-Flanged (6X35)				
❶130C	130G0650	1	Bolt-Flanged,6X50				
❶214	214B0510	5	Screw-Pan (5X10)				
❶551	551A0612	2	Pin-Dowel (6X12)				



Valve and Camshaft Assembly

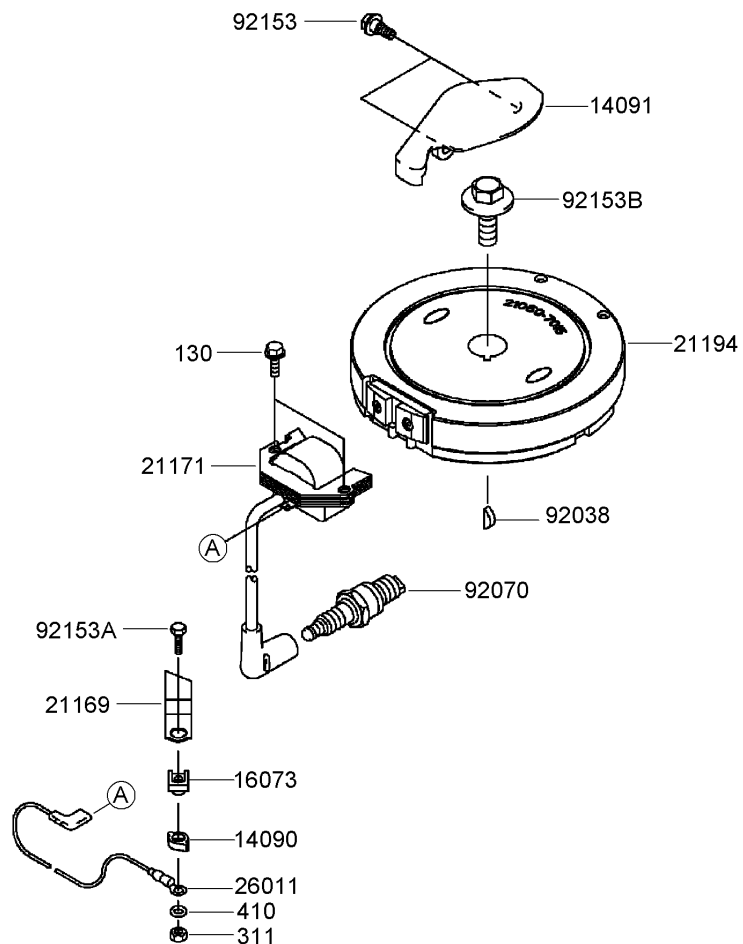
Kawasaki FJ180V-AS30

Ref	Part No.	Qty.	Description				
⑨12004	12004-7005	1	Valve-Intake				
⑨12005	12005-7006	1	Valve-Exhaust				
⑨12009	12009-7001	2	Retainer-Spring, Valve				
⑨12011	12011-2056	4	Collet				
⑨12016	12016-7008	2	Arm-Rocker				
⑨12032	12032-7001	2	Tappet				
⑨12043	12043-7005	1	Camshaft Valve ASM				
⑨13042	13042-7006	1	Weight				
⑨13070	13070-7009	1	Guide				
⑨13116	13116-7003	2	Rod-Push				
⑨16154	16154-7004	1	Rotor-Pump				
⑨21083	21083-7009	1	Arm				
⑨49078	49078-7001	2	Spring-Valve, Engine				
⑨92009	92009-2341	2	Screw				
⑨92015	92015-2253	2	Nut				
⑨92043	92043-7006	3	Pin				
⑨92145	92145-7016	1	Spring				
⑨92153	92153-7019	2	Bolt				



Cooling Equipment Assembly Kawasaki FJ180V-AS30

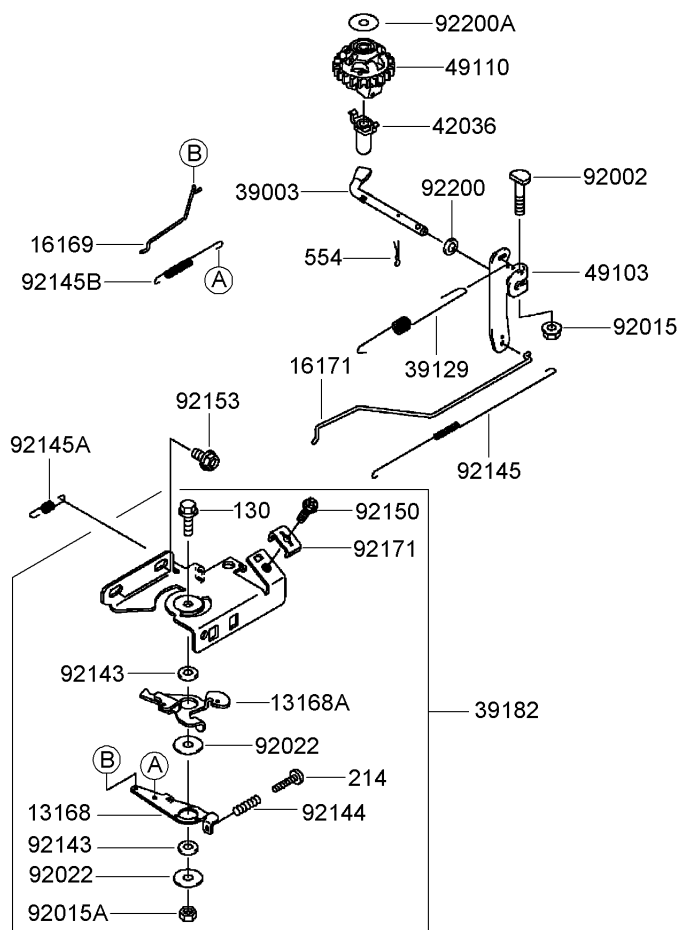
Ref	Part No.	Qty.	Description
③11053	11053-7009	1	Bracket-Fan
③14037	14037-7017	1	Screen
③14091	14091-7053	1	Cover
③59041	59041-7009	1	Fan
③92153	92153-7007	1	Bolt
③92153A	92153-7043	2	Bolt (6X12)



Electric Equipment Assembly

Kawasaki FJ180V-AS30

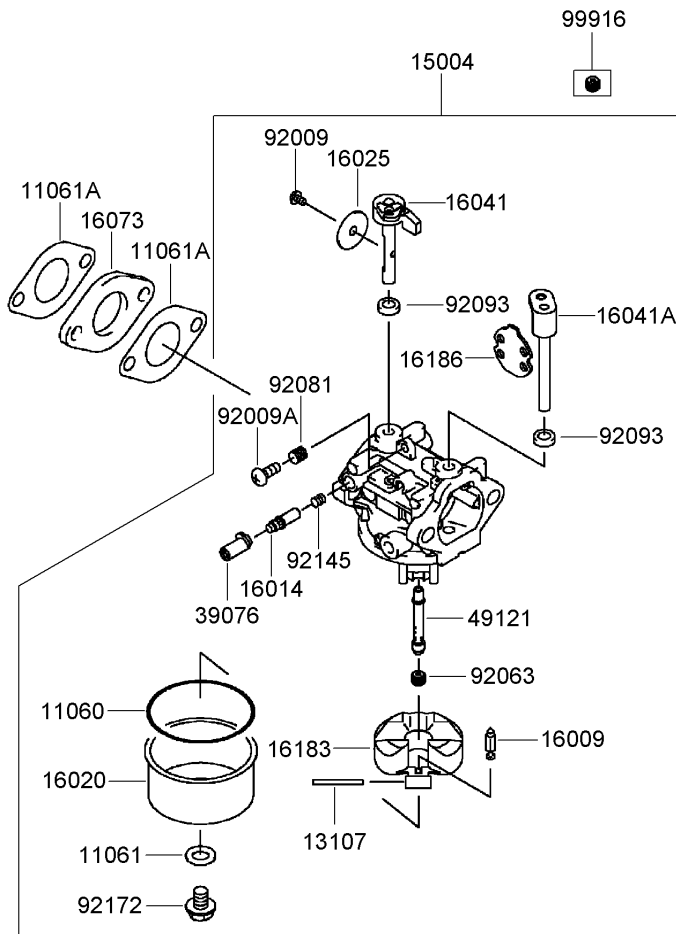
Ref	Part No.	Qty.	Description				
③14090	14090-2108	1	Cover				
③14091	14091-7036	1	Cover				
③16073	16073-2192	1	Insulator				
③21169	21169-2071	1	Terminal				
③21171	21171-7030	1	Ignition Coil ASM				
③21194	21194-7024	1	Flywheel				
③26011	26011-7013	1	Wire-Lead				
③92038	92038-2077	1	Key				
③92070	92070-2088	1	Spark Plug, B P R 5E S (N G K) Solid				
③92153	92153-7007	2	Bolt				
③92153A	92153-7012	1	Bolt (4X16)				
③92153B	92153-7030	1	Bolt (12X30)				
③130	130B0620	2	Bolt-Flanged (6X20)				
③311	311B0400	1	Nut-Hex (4Mm)				
③410	410B0400	1	Washer-Plain, S (4Mm)				



Control Equipment Assembly Kawasaki FJ180V-AS30

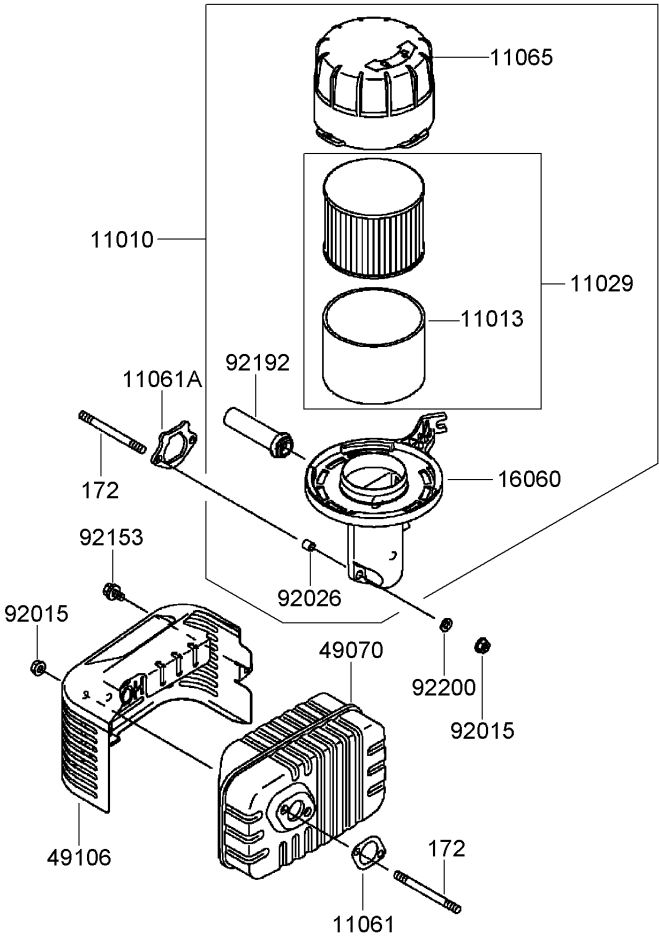
Ref	Part No.	Qty.	Description
③13168	13168-7028	1	Lever
③13168A	13168-7032	1	Lever
③16169	16169-7015	1	Link-Choke
③16171	16171-7015	1	Link-Throttle
③39003	39003-7002	1	Arm-Pivot
③39129	39129-7014	1	Spring-Governor
③39182	39182-7007	1	Panel-Assy-Control
③42036	42036-2051	1	Sleeve
③49103	49103-7005	1	Arm-Governor
③49110	49110-7002	1	Governor ASM
③92002	92002-2269	1	Bolt (6X28)
③92015	92015-1193	1	Nut
③92015A	92015-2051	1	Nut
③92022	92022-2372	2	Washer (6X19X1.2)
③92143	92143-2135	2	Collar (6X13X2.3)
③92144	92144-2266	1	Spring
③92145	92145-7025	1	Spring-Throttle
③92145A	92145-7032	1	Spring
③92145B	92145-7043	1	Spring
③92150	92150-2182	1	Bolt (5X18)
③92153	92153-7043	2	Bolt (6X12)
③92171	92171-7016	1	Clamp
③92200	92200-2029	1	Washer (6.5X11.5X2.0)
③92200A	92200-2036	1	Washer (6.2X20X0.5)

Ref	Part No.	Qty.	Description
③130	130B0618	1	Bolt-Flanged
③214	214B0420	1	Screw-Pan +- (4X20)
③554	554A0600	1	Pin-Snap (1.2X21.2)



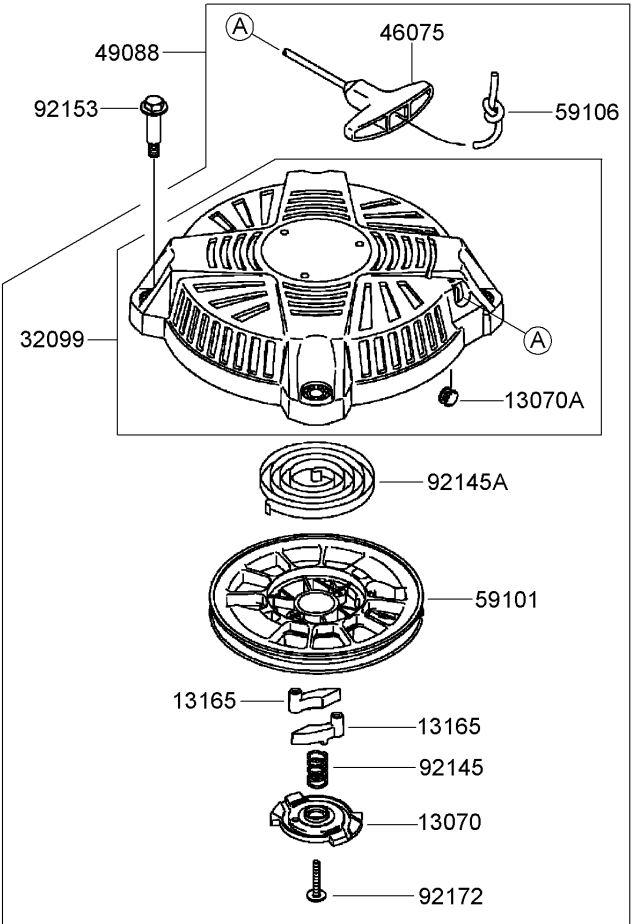
Carburetor Assembly Kawasaki FJ180V-AS30

Ref	Part No.	Qty.	Description				
⑨11060	11060-2190	1	Gasket				
⑨11061	11061-7010	1	Gasket-Screw				
⑨11061A	11061-7015	2	Gasket-Insulator				
⑨13107	13107-7024	1	Shaft				
⑨15004	15004-7010	1	Carburetor ASM				
⑨16009	16009-2136	1	Needle-Jet				
⑨16014	16014-7008	1	Screw-Air, Pilot				
⑨16020	16020-7004	1	Chamber-Float				
⑨16025	16025-7007	1	Valve-Throttle				
⑨16041	16041-7019	1	Shaft-Carburetor				
⑨16041A	16041-7020	1	Shaft-Carburetor				
⑨16073	16073-7006	1	Insulator				
⑨16183	16183-2002	1	Float ASM				
⑨16186	16186-7003	1	Choke Valve ASM				
⑨39076	39076-7001	1	Limiter				
⑨49121	49121-7014	1	Nozzle-Main				
⑨92009	92009-2083	1	Screw				
⑨92009A	92009-2349	1	Screw				
⑨92063	92063-7067	1	Jet-Main (No 70)				
⑨92081	92081-2234	1	Spring				
⑨92093	92093-2100	2	Seal				
⑨92145	92145-7015	1	Spring				
⑨92172	92172-7002	1	Screw				
⑨99916	99916-7007	1	Main Jet K H I Parts Kit				



Air Filter and Muffler Assembly
Kawasaki FJ180V-AS30

Ref	Part No.	Qty.	Description				
❶11010	11010-7021	1	Air Filter ASM				
❶11013	11013-7037	1	Element-Filter, Air				
❶11029	11029-7023	1	Air Filter Element ASM				
❶11061	11061-7029	1	Gasket-Muffler				
❶11061A	11061-7075	1	Gasket-Pipe, Intake				
❶11065	11065-7018	1	Cap				
❶16060	16060-7026	1	Pipe-Intake				
❶49070	49070-7022	1	Muffler				
❶49106	49106-7021	1	Cover-Muffler				
❶92015	92015-1193	4	Nut				
❶92026	92026-7021	2	Spacer				
❶92153	92153-7023	1	Bolt (6X10)				
❶92192	92192-7083	1	Tube				
❶92200	92200-7022	2	Washer				
❶172	172G0680	4	Bolt-Stud (6X80)				



Starter Assembly
Kawasaki FJ180V-AS30

Ref	Part No.	Qty.	Description				
13070	13070-7014	1	Guide				
13070A	13070-7015	1	Guide				
13165	13165-7002	2	Pawl-Starter, Recoil				
32099	32099-7004	1	Case-Starter, Recoil				
46075	46075-7002	1	Grip				
49088	49088-7024	1	Starter-Recoil				
59101	59101-7002	1	Reel-Starter, Recoil				
59106	59106-7006	1	Rope (1500Mm)				
92145	92145-7052	1	Spring				
92145A	92145-7053	1	Spring				
92153	92153-7021	4	Bolt (M6)				
92172	92172-7030	1	Screw				

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