



21 Inch Heavy-Duty Recycler[®] Rear Bagger Lawn Mower

Model No. 22187 - 270000001 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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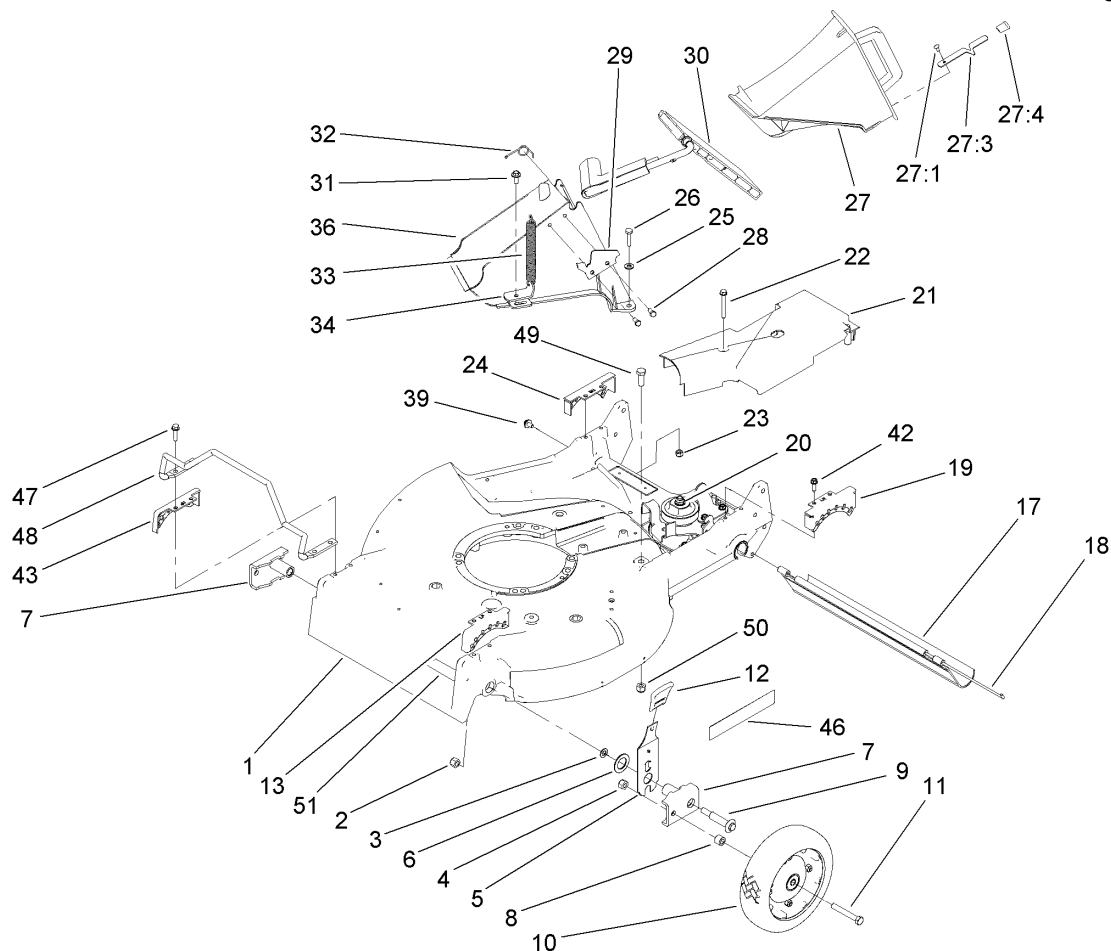
Part Description Abbreviations

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

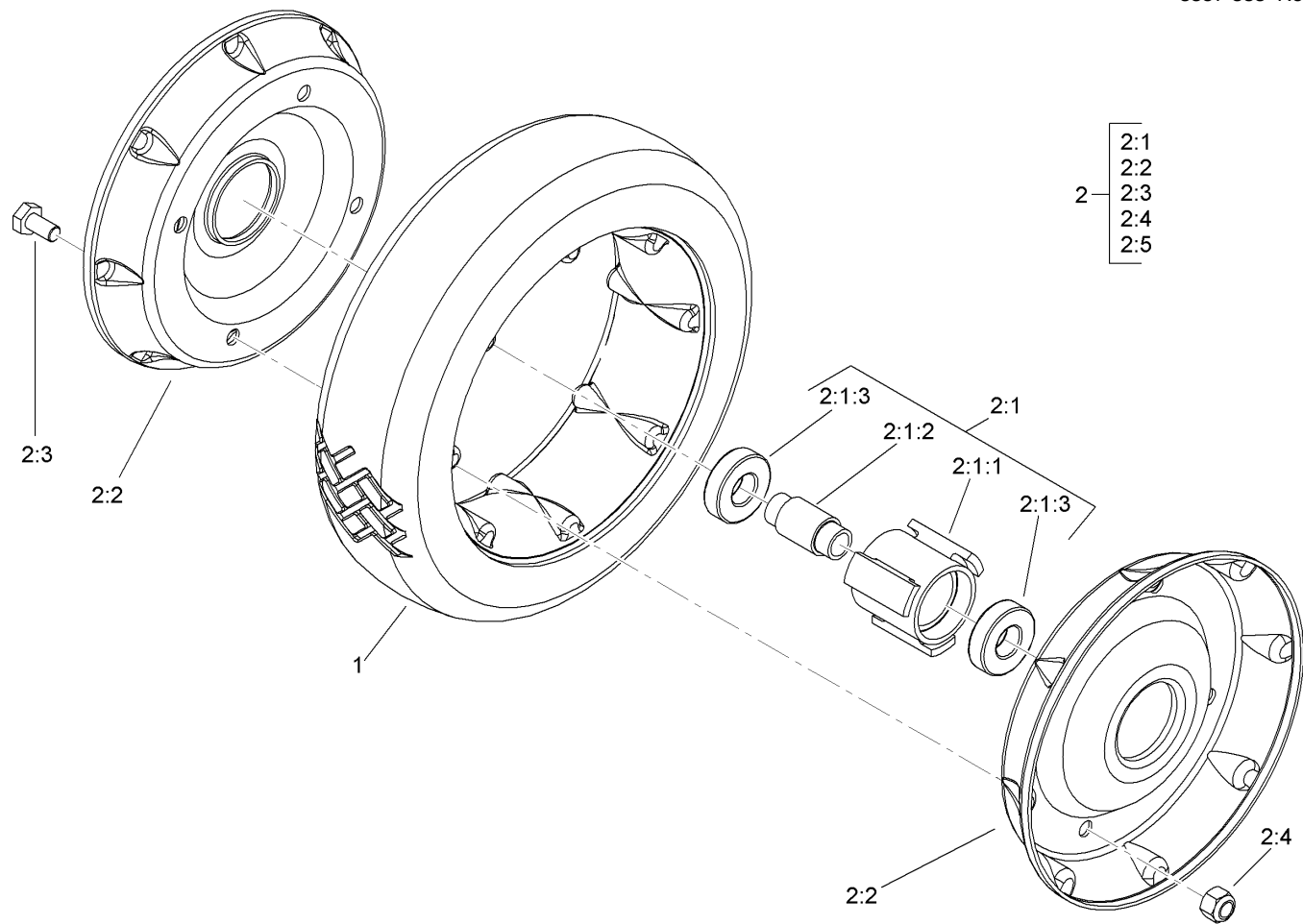
- ❶ Not illustrated
- ❷ Not serviced separately
- ❸ Obtain from your local Kawasaki dealer



Housing Assembly

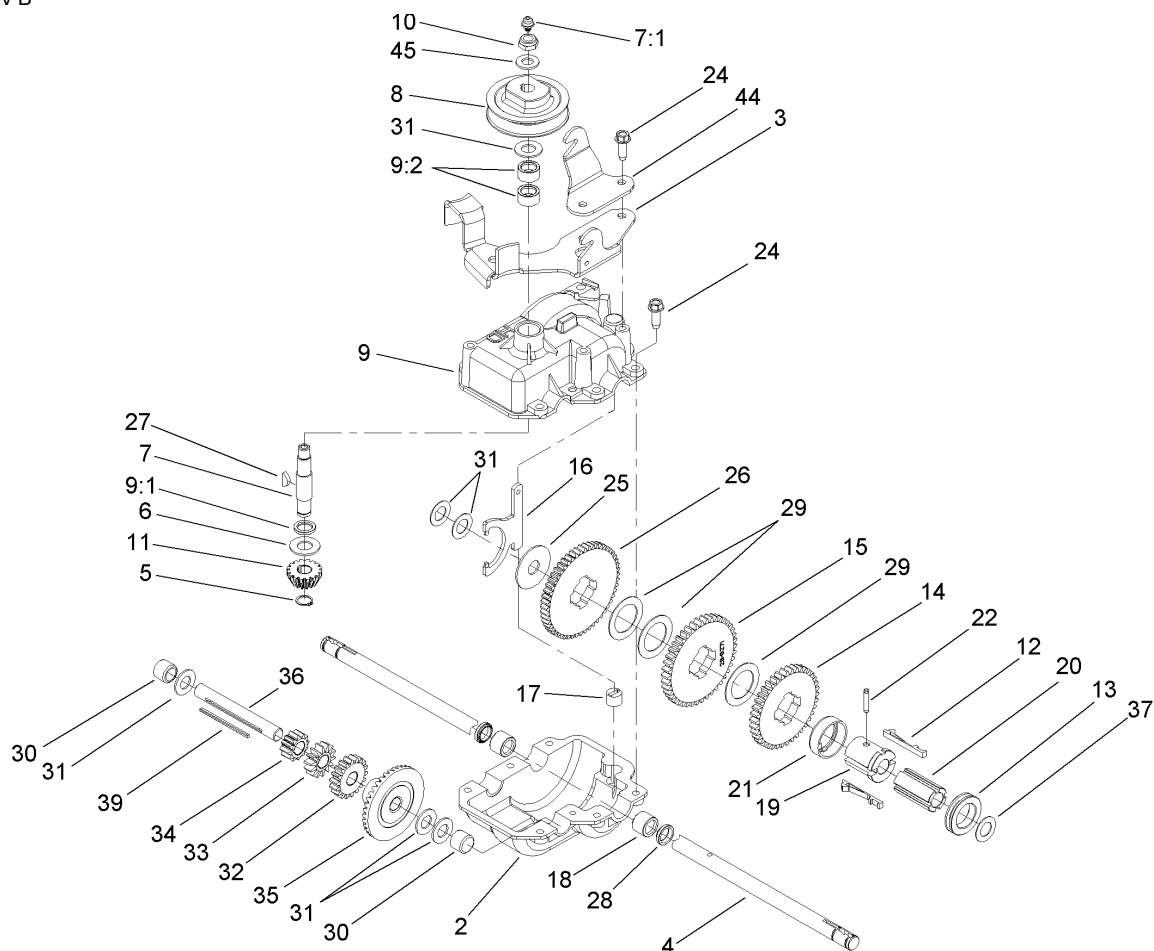
Ref	Part No.	Qty.	Description
1	98-7139	1	Housing
2	3296-6	2	Nut-Lock
3	40-1940	2	Washer
4	32152-2	2	Nut-Lock, Cone
5	110-0537	2	Spring Arm ASM
6	257-3	2	Washer-Thrust
7	61-8300	2	Arm-Pivot, Front
8	52-2480	2	Spacer-Wheel
9	27-6232	2	Bolt-Wheel
10	100-2870	2	Wheel And Tire ASM
11	323-12	2	Screw-HH
12	110-0549	2	Knob-HOC
13	49-8760	1	Quadrant-Front, LH
17	112-9989	1	Shield- Trailing
18	33-3208	1	Rod-Shield
19	49-8740	1	Quadrant-Rear, LH
20	74-1861	1	Gear Case ASM
21	74-1770	1	Cover-Belt
22	37-7260	2	Screw-HH
23	3296-42	2	Nut-Lock, NI
24	49-8750	1	Quadrant-Rear, RH
25	3256-22	2	Washer-Flat
26	321-8	2	Screw-HH
27	77-0500	1	Discharge Plug ASM

Ref	Part No.	Qty.	Description
27:1	3295-35	1	Rivet-Head, Flat
27:3	76-4640	1	Latch-Plug, Discharge
27:4	76-4650	1	Grip-Latch
28	46-8090	2	Screw-Plastite
29	93-3154	1	Latch-Plate
30	93-7351	1	Discharge Door ASM
31	46-6811	1	Screw-HWH
32	80-3770	1	Retainer-Door
33	76-4660	1	Spring-Door
34	71-9350	1	Bracket-Spring
36	82-9152	1	Tunnel-Discharge
39	46-6810	1	Screw And Washer ASM
42	49-2040	4	Screw-HWHTF
43	49-8770	1	Quadrant-Front, RH
46	106-0689	1	Decal
47	32144-86	4	Screw-HWHTF
48	99-6722	1	Guard-Engine
49	323-6	2	Screw-HH
50	3296-39	2	Nut-Lock, NI
51	68-7410	1	Decal-Blade



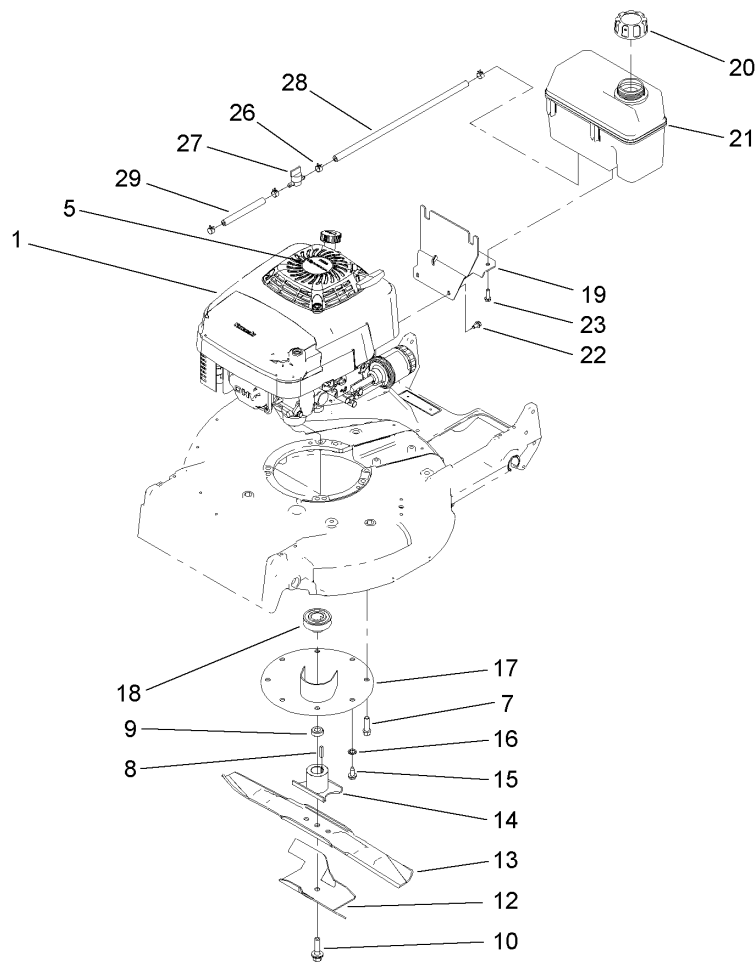
Front Wheel and Tire Assembly No. 100-2870

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				



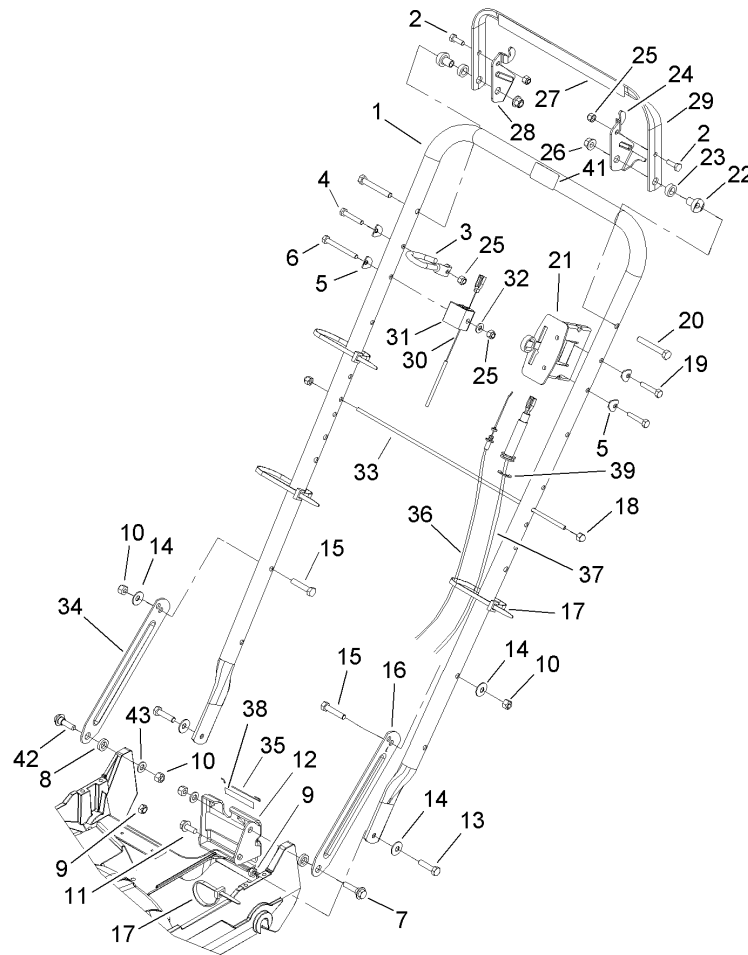
Gear Case Assembly No. 74-1861

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	74-1920	1	Case-Gear, Lower	24	49-2040	6	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
13	29-9340	1	Collar-Shift	39	39-7842	1	Key
14	42-4740	1	Gear-38T	44	74-1750-03	1	Bracket-Engage, Traction
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				



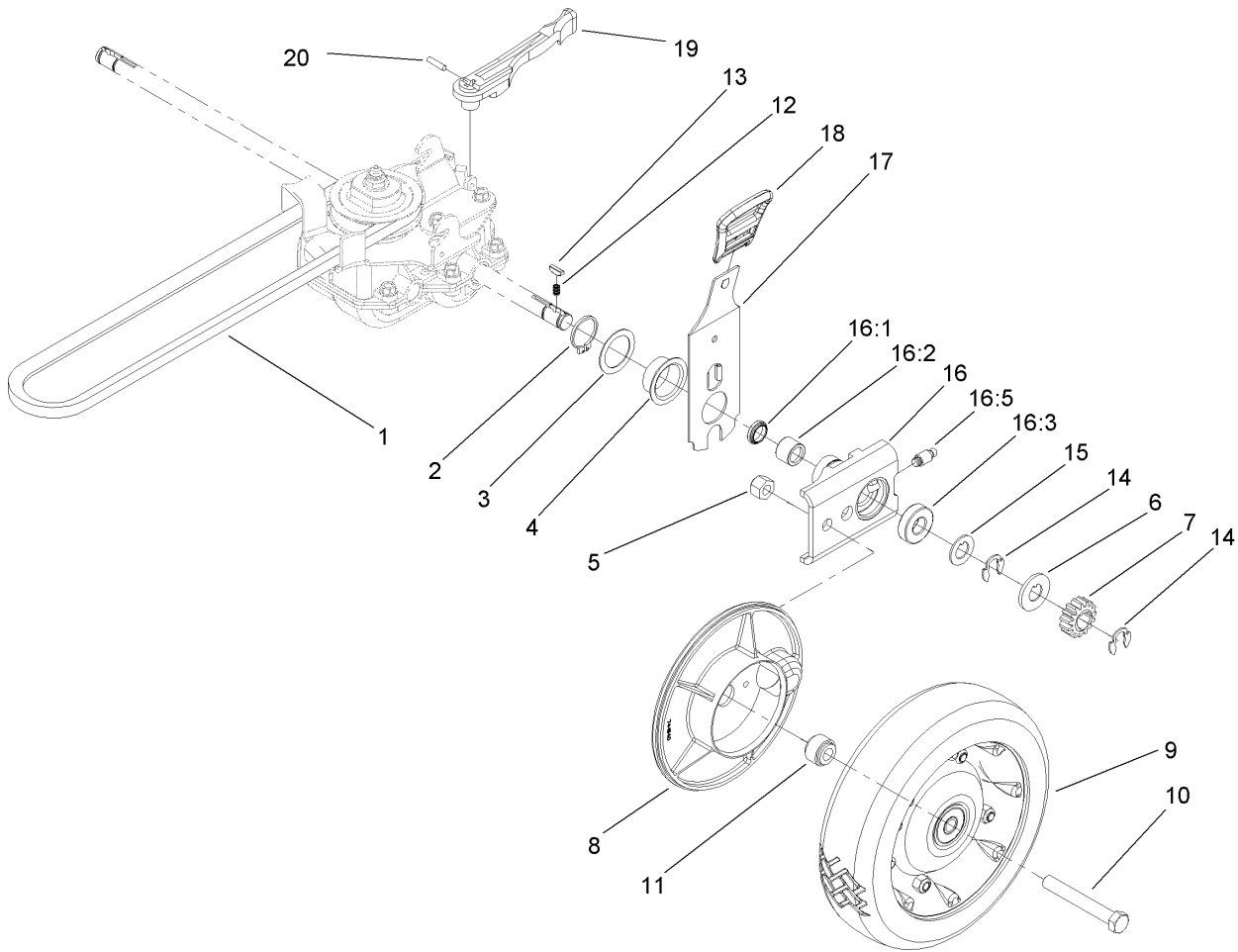
Engine and Fuel Tank Assembly

Ref	Part No.	Qty.	Description				
1	110-5047	1	Engine-Kawasaki				
5	112-9974	1	Decal				
7	95-1727	4	Screw-Taptite				
8	5-1077	1	Key-Square				
9	103-3795	1	Spacer-Retainer, Blade				
10	105-8579	1	Bolt-Blade				
12	92-1599-03	1	Stiffener-Blade				
13	91-2256-03	1	Blade-21 Inch				
14	52-2170-03	1	Retainer-Blade				
15	32144-70	3	Screw-HWHTF				
16	3254-6	3	Washer-Lock, Internal				
17	65-5860	1	Protector-Crankshaft				
18	46-7910	1	Pulley-Driver				
19	110-4950-03	1	Tank Mount ASM				
20	93-7198	1	Gas Cap ASM				
21	106-0625	1	Tank-Fuel				
22	104-2628	3	Screw-HWH				
23	46-8091	2	Screw-HWH				
26	109-0296	1	Hose-Fuel				
27	1-603770	1	Valve-Fuel				
28	2412-98	4	Clamp				
29	109-0650	1	Hose-Fuel				



Handle Assembly

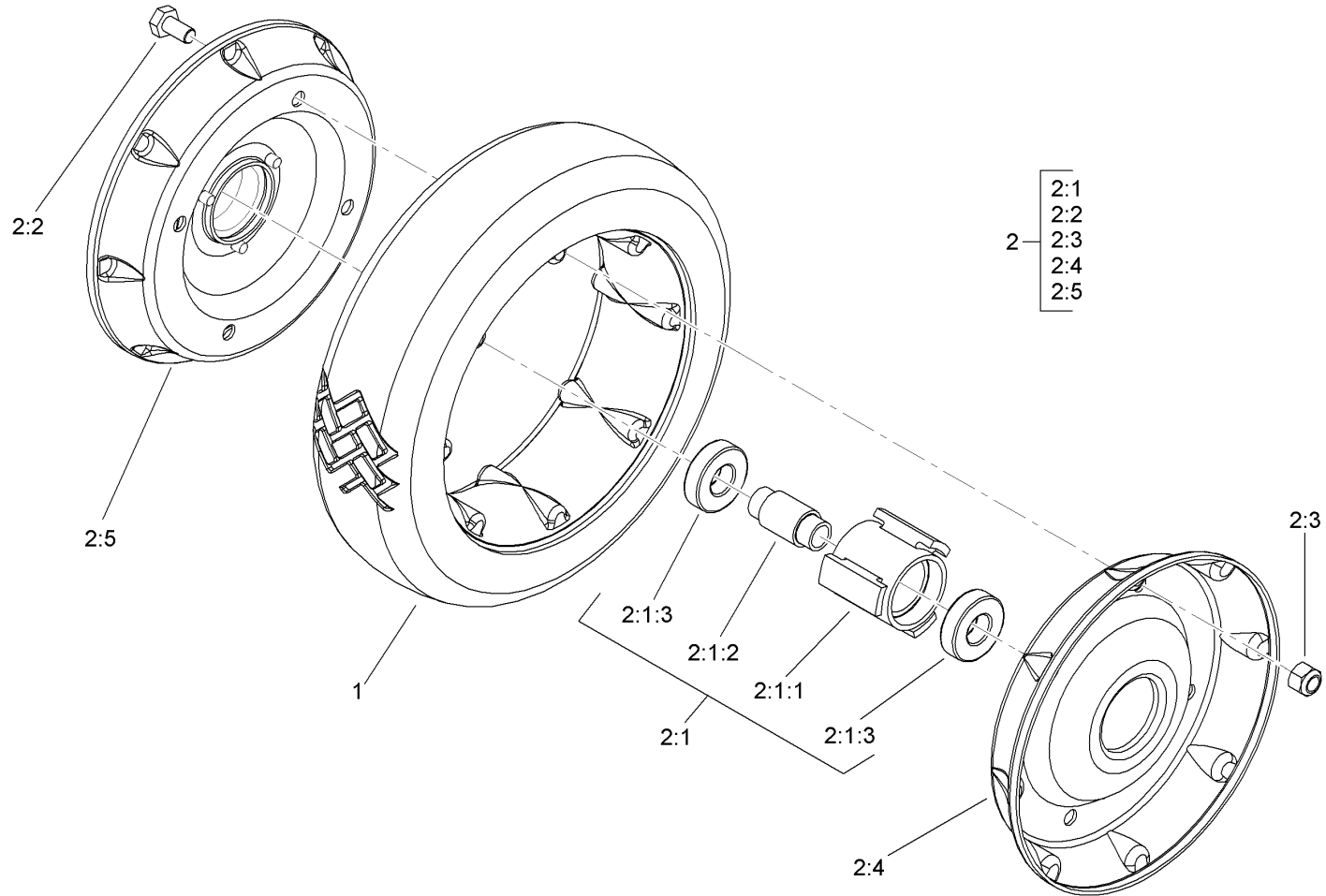
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	98-2000-03	1	Handle	25	3296-42	4	Nut-Lock, NI
2	321-4	2	Screw-HH	26	3296-58	2	Nut-Lock, NI
3	46-8081	1	Guide-Rope	27	106-0690	1	Decal-Traction
4	321-9	1	Screw-HH	28	77-5270	1	Lever-Control
5	3-7501	4	Washer	29	61-8270-03	1	Bar-Control
6	321-15	1	Screw-HH	30	103-2683	1	Cable-Brake
7	27-7210	1	Screw-Shoulder	31	46-6980	1	Support-Cable
8	3-3287	2	Spacer-Latch, Handle	32	3256-22	1	Washer-Flat
9	3296-47	2	Nut-Lock, NI	33	48-2810	1	Rod-Support, Bag
10	3296-29	4	Nut-Lock, NI	34	100-3297-03	1	Latch-Handle, RH
11	32144-70	1	Screw-HWHTF	35	46-7030	1	Retainer-Cable
12	74-1741	1	Bracket-Adjustment, Traction	36	74-1791	1	Cable-Traction
13	322-6	2	Screw-HH	37	106-0888	1	Throttle Cable ASM
14	3290-456	4	Washer-Belleville	38	74-1970	1	Decal-Position, Gear
15	322-7	2	Screw-HH	39	32151-86	2	E-Ring
16	100-3298-03	1	Latch-Handle, LH	41	98-4387	1	Decal-Protection, Ear
17	3290-378	5	Tie-Cable	42	27-7211	1	Screw-Shoulder
18	32111-7	2	Nut-Cap	43	3256-23	2	Washer-Flat
19	321-13	2	Screw-HH				
20	322-11	2	Screw-HH				
21	108-2645	1	Control-Head, Throttle				
22	49-1630	2	Spacer-Support				
23	256-276	2	Spacer-Nylon				
24	66-5350	1	Lever-Control				



Rear Drive and Wheel Assembly

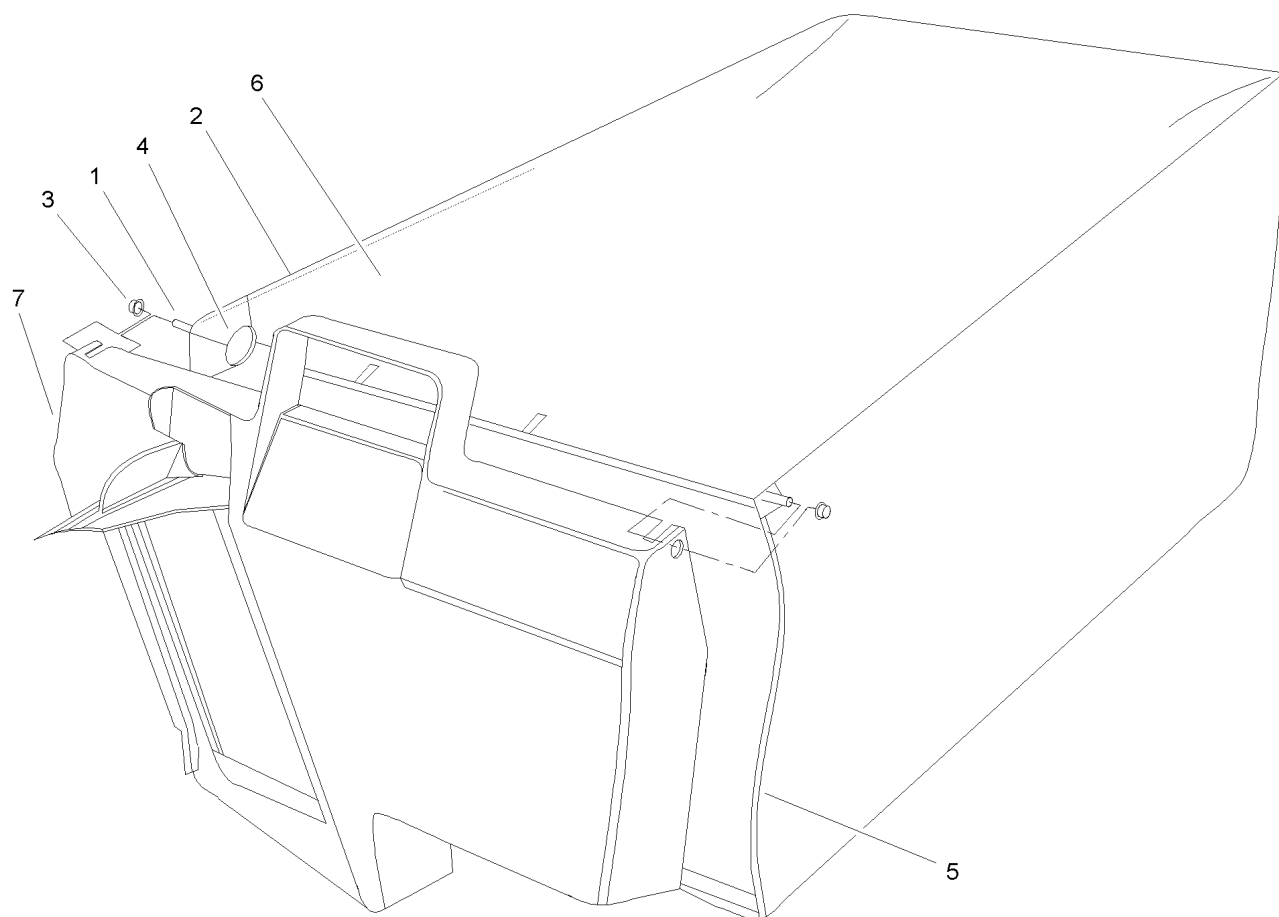
Ref	Part No.	Qty.	Description
1	36-8070	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	48-2170	2	Cap-End
5	32152-2	2	Nut-Lock, Cone
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	100-2860	2	Wheel And Tire ASM
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, 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	110-0538	2	Rear Spring Arm ASM
18	110-0549	2	Knob-HOC
19	74-1960	1	Lever-Shift
20	32121-99	1	Pin-Coil

Ref	Part No.	Qty.	Description
●99	106-0975	1	Grass Bag ASM



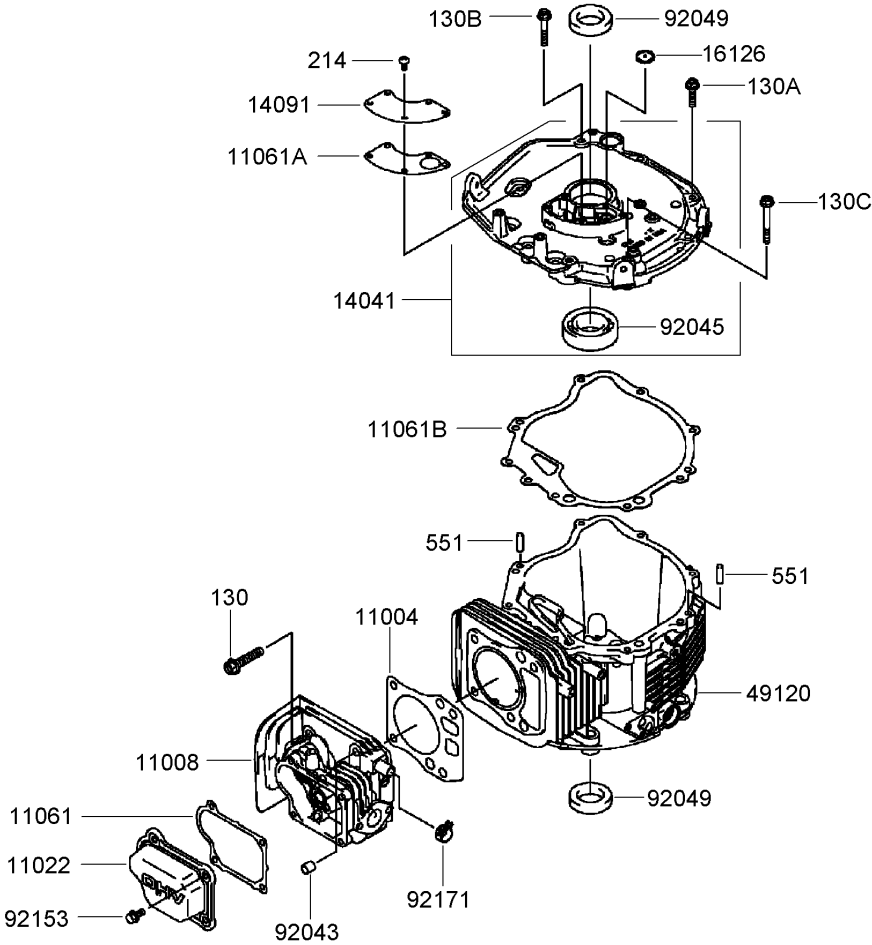
Rear Wheel Assembly No. 100-2860

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				



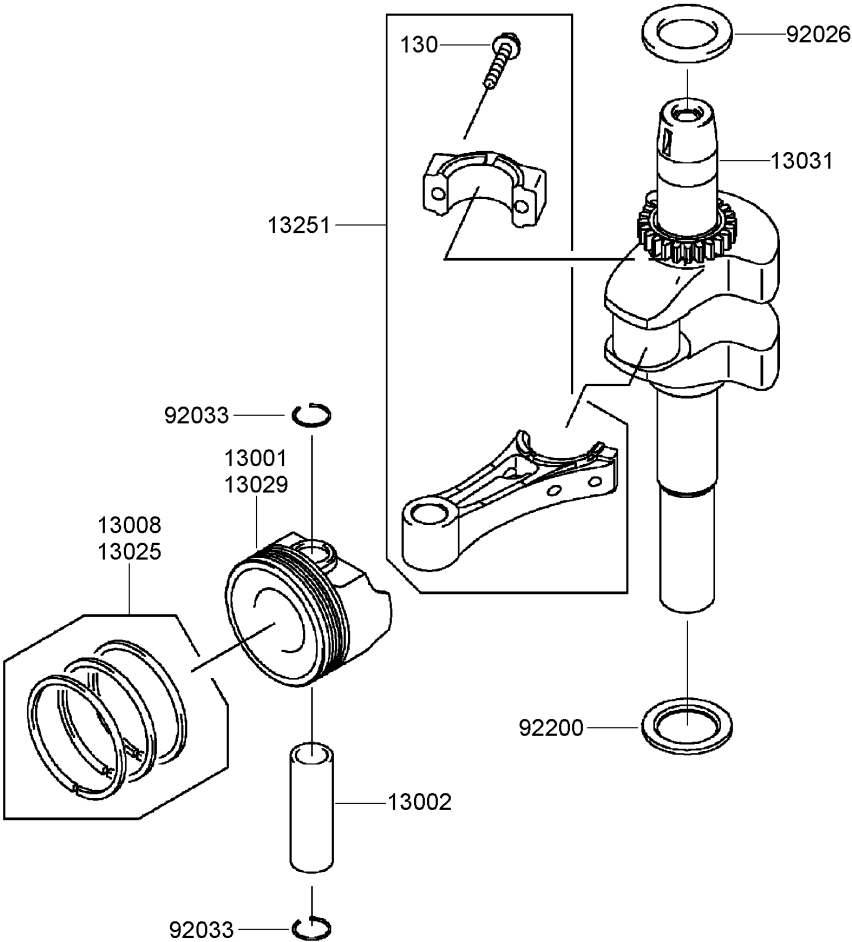
Grass Bag Assembly No. 106-0975

Ref	Part No.	Qty.	Description
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	106-0926	1	Bag-Grass
7	48-2840	1	Door-Bag, Grass



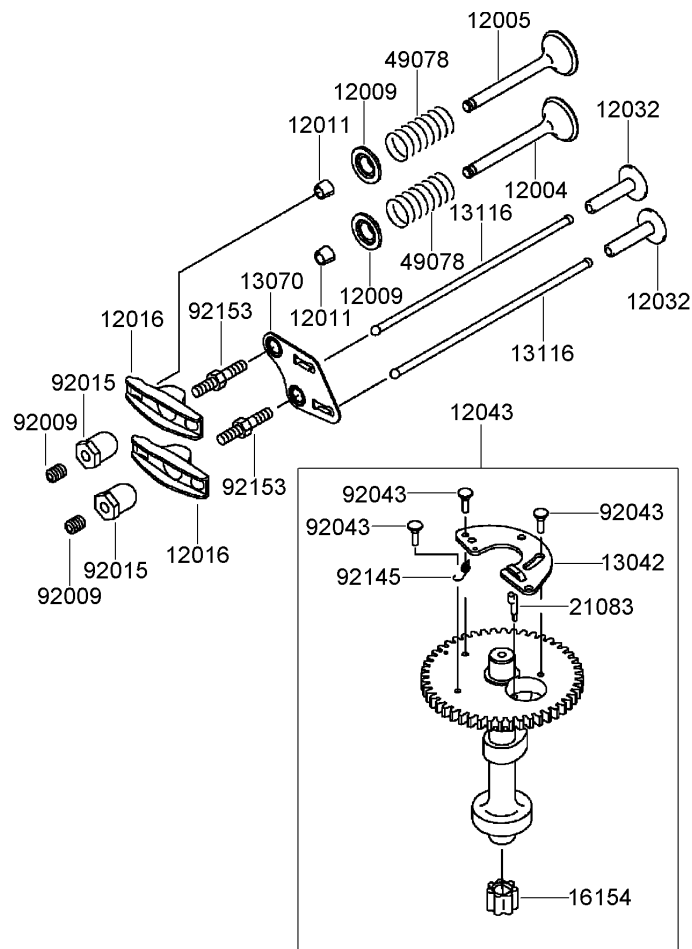
Cylinder and Crankcase Assembly
Kawasaki FJ180V-AS31

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)				



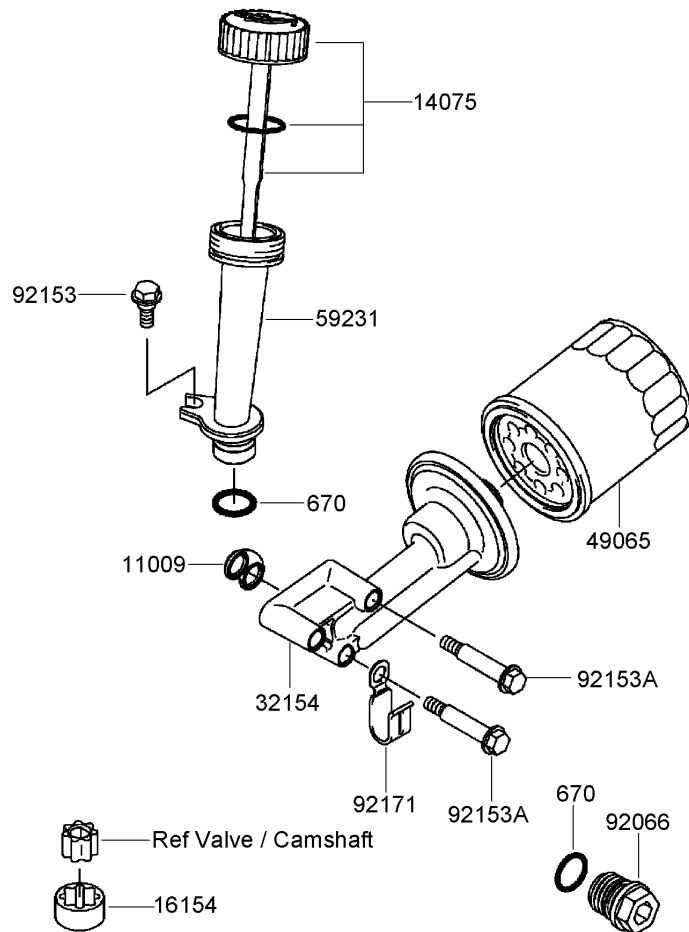
Piston and Crankshaft Assembly
Kawasaki FJ180V-AS31

Ref	Part No.	Qty.	Description				
❶13001	13001-7022	1	Piston-Engine				
❶13002	13002-7001	1	Pin-Piston				
❶13008	13008-7002	1	Ring Set-Piston				
❶13025	13025-7006	1	Ring Set-Piston (L 0.50)				
❶13029	13029-7005	1	Piston-Engine (L 0.50)				
❶13031	13031-7078	1	Crankshaft				
❶13251	13251-7011	1	Connecting Rod ASM				
❶92026	92026-7020	1	Spacer				
❶92033	92033-7002	2	Ring-Snap				
❶92200	92200-7042	1	Washer (28X41.5X2.5)				
❶130	130G0630	2	Bolt-Flanged (6X30)				



Valve and Camshaft Assembly Kawasaki FJ180V-AS31

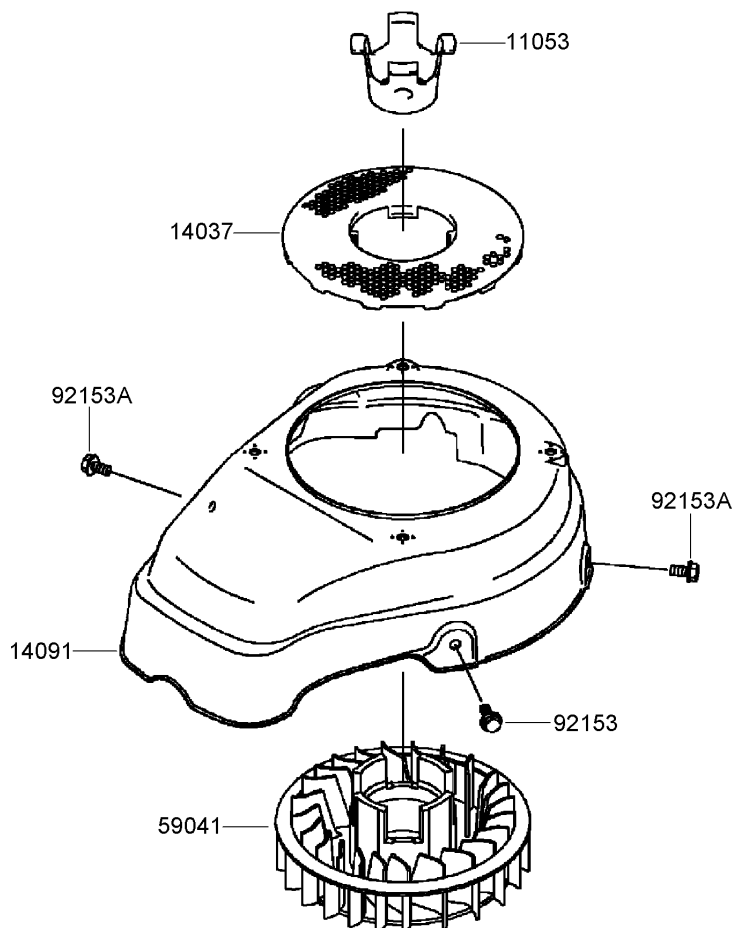
Ref	Part No.	Qty.	Description				
⑨12004	12004-7005	1	Valve-Intake				
⑨12005	12005-7006	1	Valve-Exhaust				
⑨12009	12009-7001	2	Retainer-Spring, Valve				
⑨12011	12011-2056	4	Collet				
⑨12016	12016-7008	2	Arm-Rocker				
⑨12032	12032-7001	2	Tappet				
⑨12043	12043-7005	1	Camshaft Valve ASM				
⑨13042	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				



Lubrication Equipment Assembly

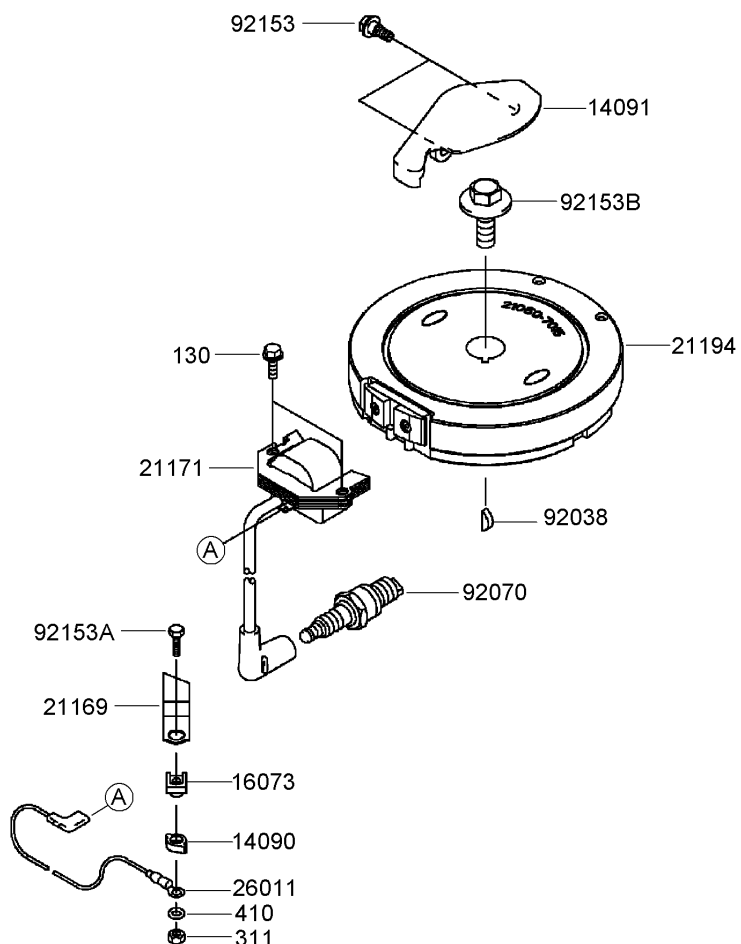
Kawasaki FJ180V-AS31

Ref	Part No.	Qty.	Description				
③11009	11009-2860	1	Gasket				
③14075	14075-7007	1	Cap ASM				
③16154	16154-7002	1	Rotor-Pump				
③32154	32154-7018	1	Pipe				
③49065	49065-2078	1	Filter-Oil				
③59231	59231-7004	1	Filler				
③92066	92066-7003	1	Plug				
③92153	92153-7007	1	Bolt				
③92153A	92153-7028	3	Bolt				
③92171	92171-7008	1	Clamp				
③670	670D2016	2	O-Ring (16Mm)				



Cooling Equipment Assembly Kawasaki FJ180V-AS31

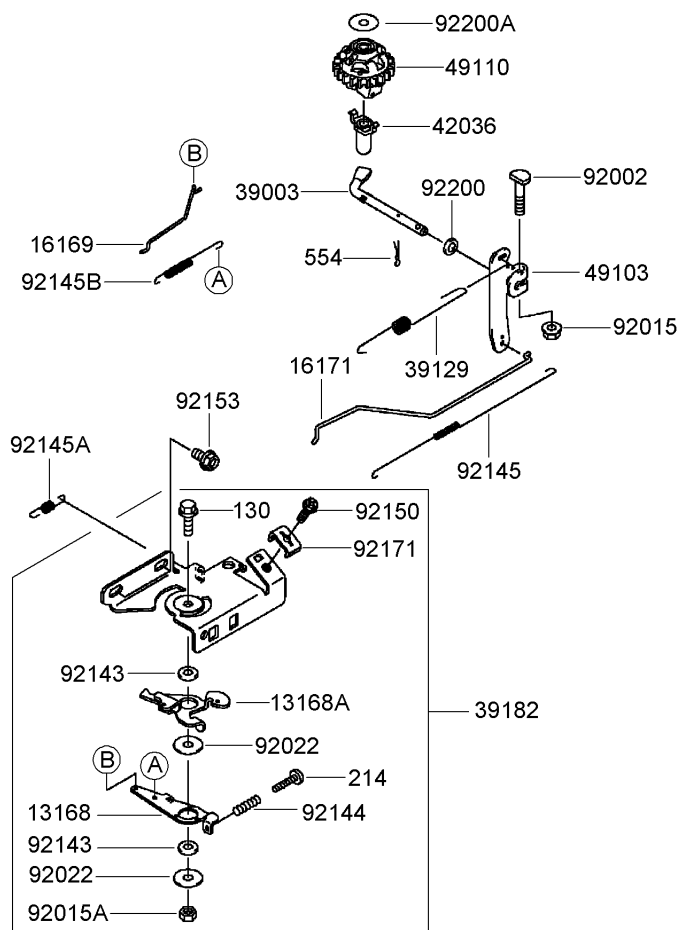
Ref	Part No.	Qty.	Description				
③11053	11053-7009	1	Bracket, Fan				
③14037	14037-7017	1	Screen				
③14091	14091-7053	1	Cover				
③59041	59041-7009	1	Fan				
③92153	92153-7007	1	Bolt				
③92153A	92153-7043	2	Bolt (6X12)				



Electric Equipment Assembly

Kawasaki FJ180V-AS31

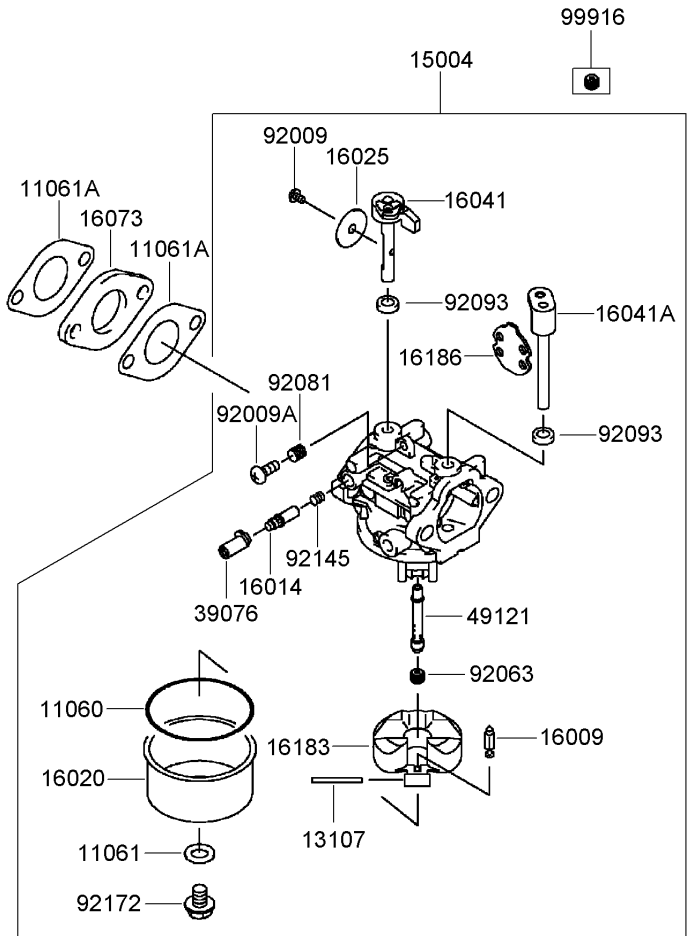
Ref	Part No.	Qty.	Description				
③14090	14090-2108	1	Cover				
③14091	14091-7036	1	Cover				
③16073	16073-2192	1	Insulator				
③21169	21169-2071	1	Terminal				
③21171	21171-7030	1	Ignition Coil ASM				
③21194	21194-7024	1	Flywheel				
③26011	26011-7013	1	Wire-Lead				
③92038	92038-2077	1	Key				
③92070	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-AS31

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

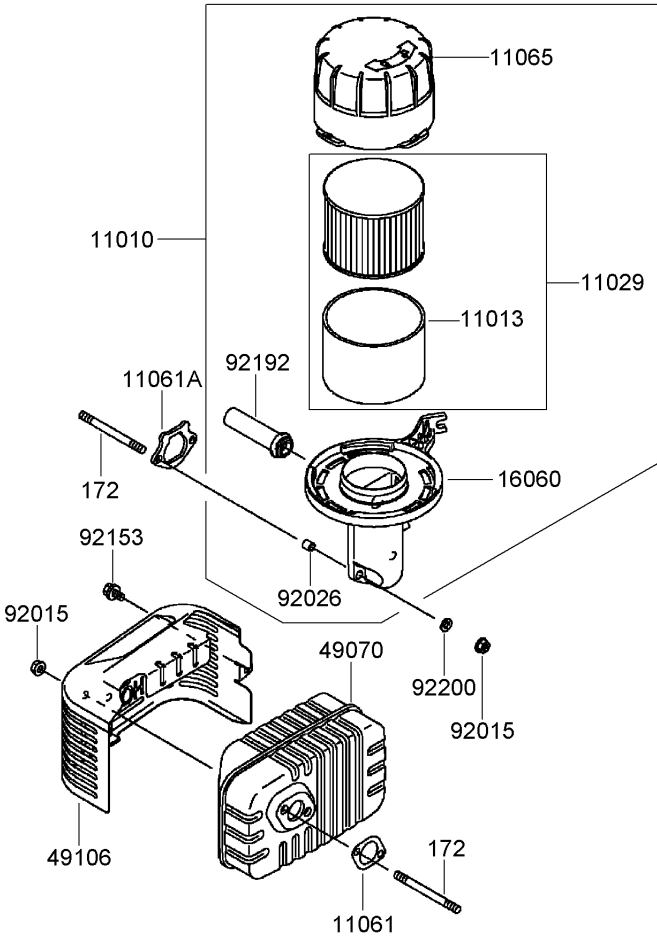
Ref	Part No.	Qty.	Description
130	130B0618	1	Bolt-Flanged
214	214B0420	1	Screw-Pan +- (4X20)
554	554A0600	1	Pin-Snap (1.2X21.2)



Carburetor Assembly

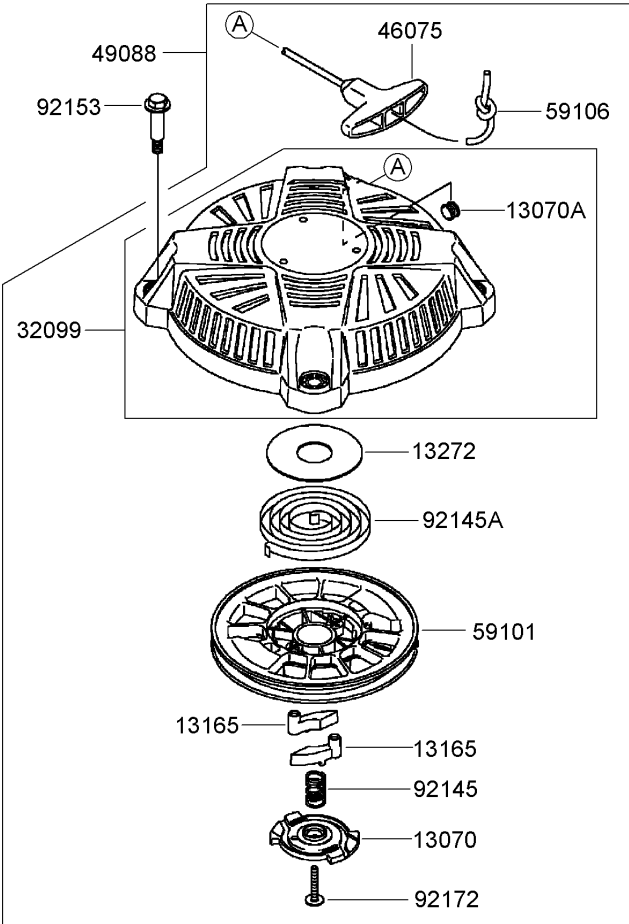
Kawasaki FJ180V-AS31

Ref	Part No.	Qty.	Description				
❶11060	11060-2190	1	Gasket				
❶11061	11061-7010	1	Gasket-Screw				
❶11061A	11061-7015	2	Gasket-Insulator				
❶13107	13107-7024	1	Shaft				
❶15004	15004-7010	1	Carburetor ASM				
❶16009	16009-2136	1	Needle-Jet				
❶16014	16014-7008	1	Screw-Air, Pilot				
❶16020	16020-7004	1	Chamber-Float				
❶16025	16025-7007	1	Valve-Throttle				
❶16041	16041-7019	1	Shaft-Carburetor				
❶16041A	16041-7020	1	Shaft-Carburetor				
❶16073	16073-7006	1	Insulator				
❶16183	16183-2002	1	Float ASM				
❶16186	16186-7003	1	Choke Valve ASM				
❶39076	39076-7001	1	Limiter				
❶49121	49121-7014	1	Nozzle-Main				
❶92009	92009-2083	1	Screw				
❶92009A	92009-2349	1	Screw				
❶92063	92063-7067	1	Jet-Main (No 70)				
❶92081	92081-2234	1	Spring				
❶92093	92093-2100	2	Seal				
❶92145	92145-7015	1	Spring				
❶92172	92172-7002	1	Screw				
❶99916	99916-7007	1	Main Jet K H I Parts Kit				



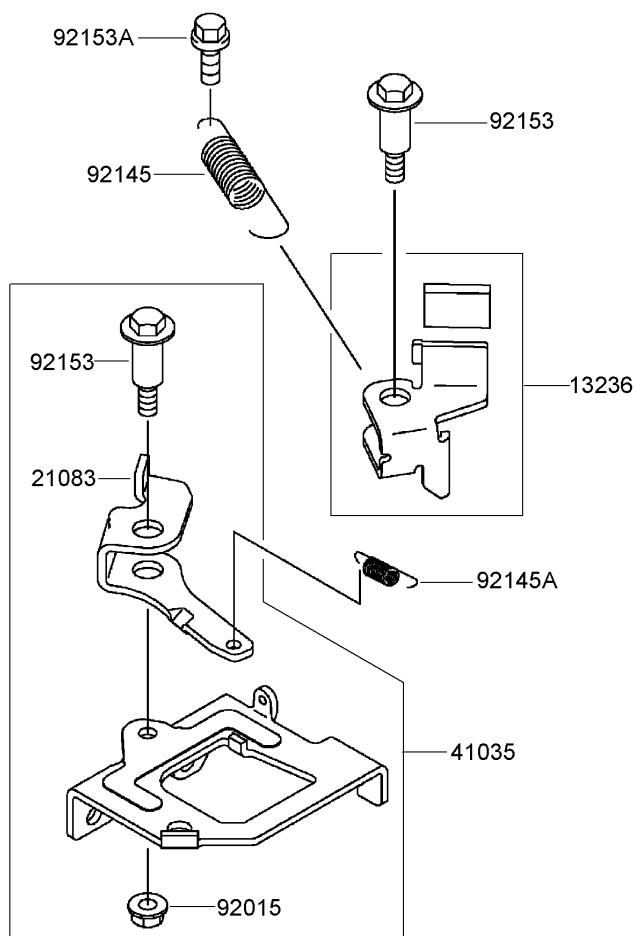
Air Filter and Muffler Assembly
Kawasaki FJ180V-AS31

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-AS31

Ref	Part No.	Qty.	Description				
13070	13070-7014	1	Guide				
13070A	13070-7015	1	Guide				
13165	13165-7002	2	Pawl-Starter, Recoil				
13272	13272-7001	1	Plate				
32099	32099-7004	1	Case-Starter, Recoil				
46075	46075-7002	1	Grip				
49088	49088-7025	1	Starter-Recoil				
59101	59101-7002	1	Reel-Starter, Recoil				
59106	59106-7003	1	Rope (2200Mm)				
92145	92145-7052	1	Spring				
92145A	92145-7054	1	Spring				
92153	92153-7021	4	Bolt (M6)				
92172	92172-7030	1	Screw				



Brake and Cover Assembly Kawasaki FJ180V-AS31

Ref	Part No.	Qty.	Description				
③13236	13236-7008	1	Lever				
③21083	21083-7016	1	Arm				
③41035	41035-7005	1	Brake Panel ASM				
③92015	92015-1193	1	Nut				
③92145	92145-7023	1	Spring				
③92145A	92145-7032	1	Spring				
③92153	92153-7020	2	Bolt				
③92153A	92153-7023	1	Bolt (6X10)				

