



21in Heavy-Duty Lawn Mower

Model No. 22194 - 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.

Contents

Description	Page	Description	Page
Housing Assembly	 3	Cooling Equipment Assembly Kawasaki	
Housing Assembly No. 108-4750	 4	FJ180V-AS34	 16
Height-of-Cut Assembly	 5	Electric Equipment Assembly Kawasaki	
Wheel and Tire Assembly No. 100-2870	 6	FJ180V-AS34	 17
Transmission Assembly	 7	Control Equipment Assembly Kawasaki	
Rear Wheel Assembly No. 100-2860	 8	FJ180V-AS34	 18
Gear Case Assembly No. 108-8140	 9	Carburetor Assembly Kawasaki FJ180V-AS34	 19
Engine Assembly	 10	Air Filter and Muffler Assembly Kawasaki	
Handle Assembly	 11	FJ180V-AS34	 20
Cylinder and Crankcase Assembly Kawasaki		Fuel Tank and Fuel Valve Assembly Kawasaki	
FJ180V-AS34	 12	FJ180V-AS34	 21
Piston and Crankshaft Assembly Kawasaki		Starter Assembly Kawasaki FJ180V-AS34	 22
FJ180V-AS34	 13	Brake and Cover Assembly Kawasaki FJ180V-	
Valve and Camshaft Assembly Kawasaki		AS34	 23
FJ180V-AS34	 14	Label Assembly Kawasaki FJ180V-AS34	 24
Lubrication Equipment Assembly Kawasaki		Attachments and Accessories List	 25
FJ180V-AS34	 15		

Part Description Abbreviations

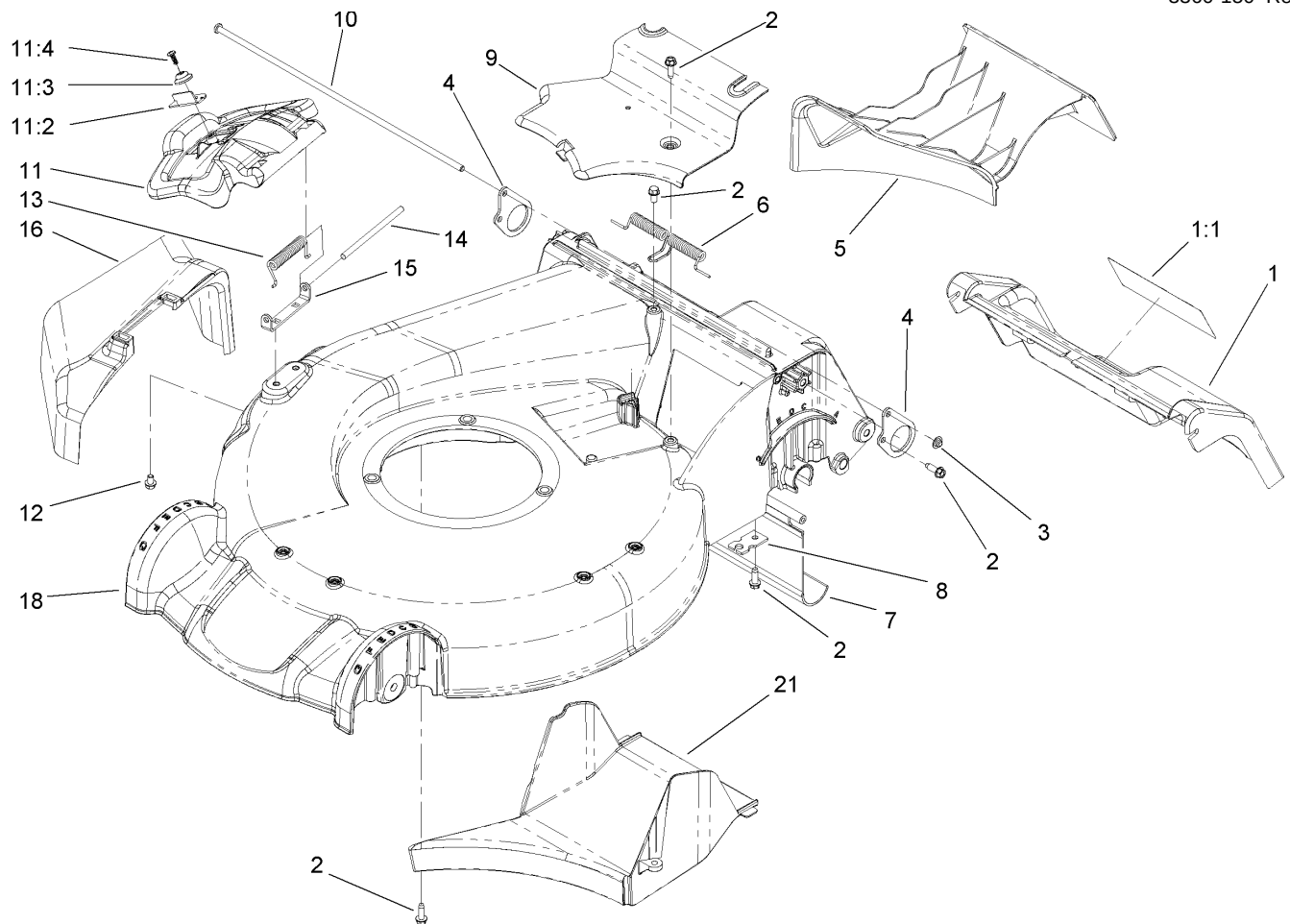
Part descriptions in this catalog may include the following abbreviations.

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

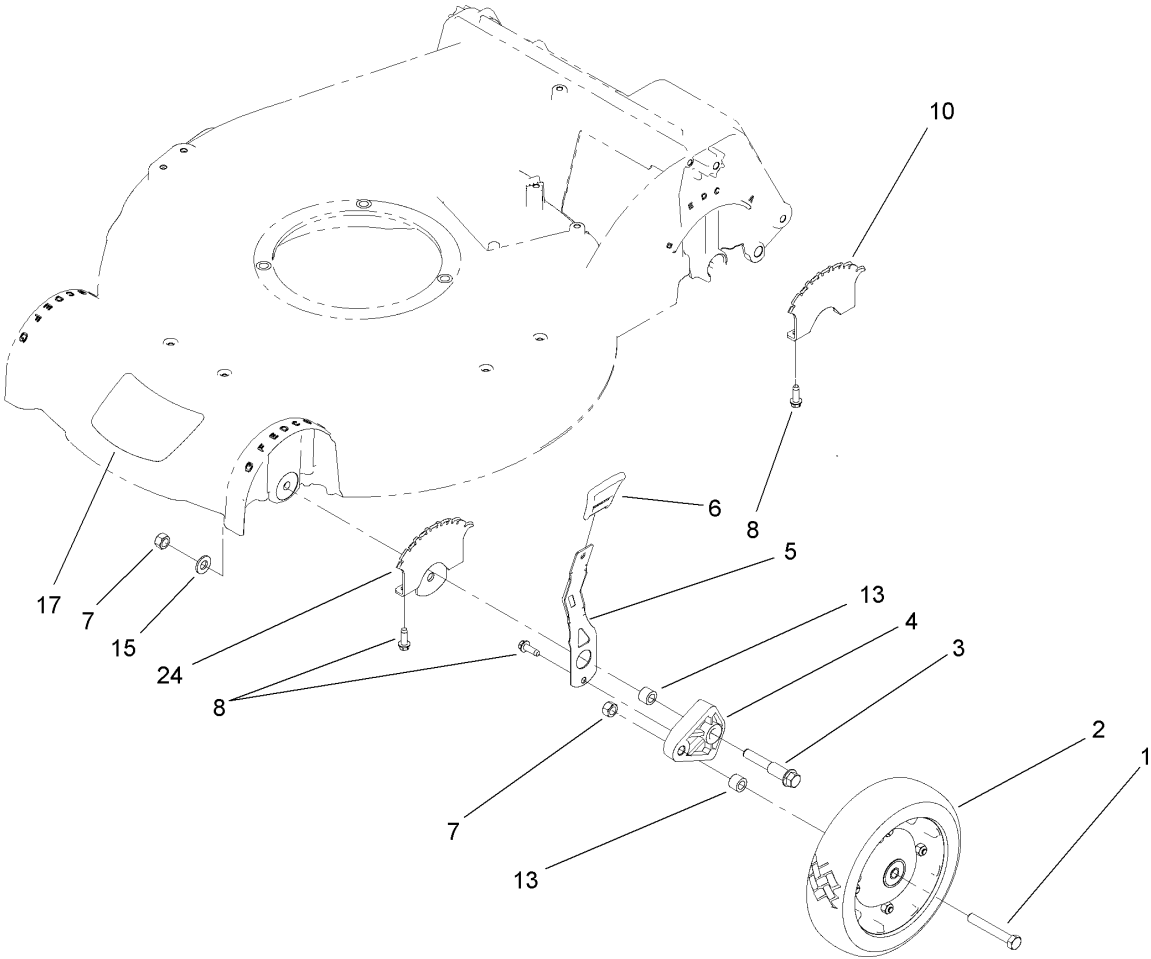
❶ Not serviced separately

❷ Obtain from your local Kawasaki dealer



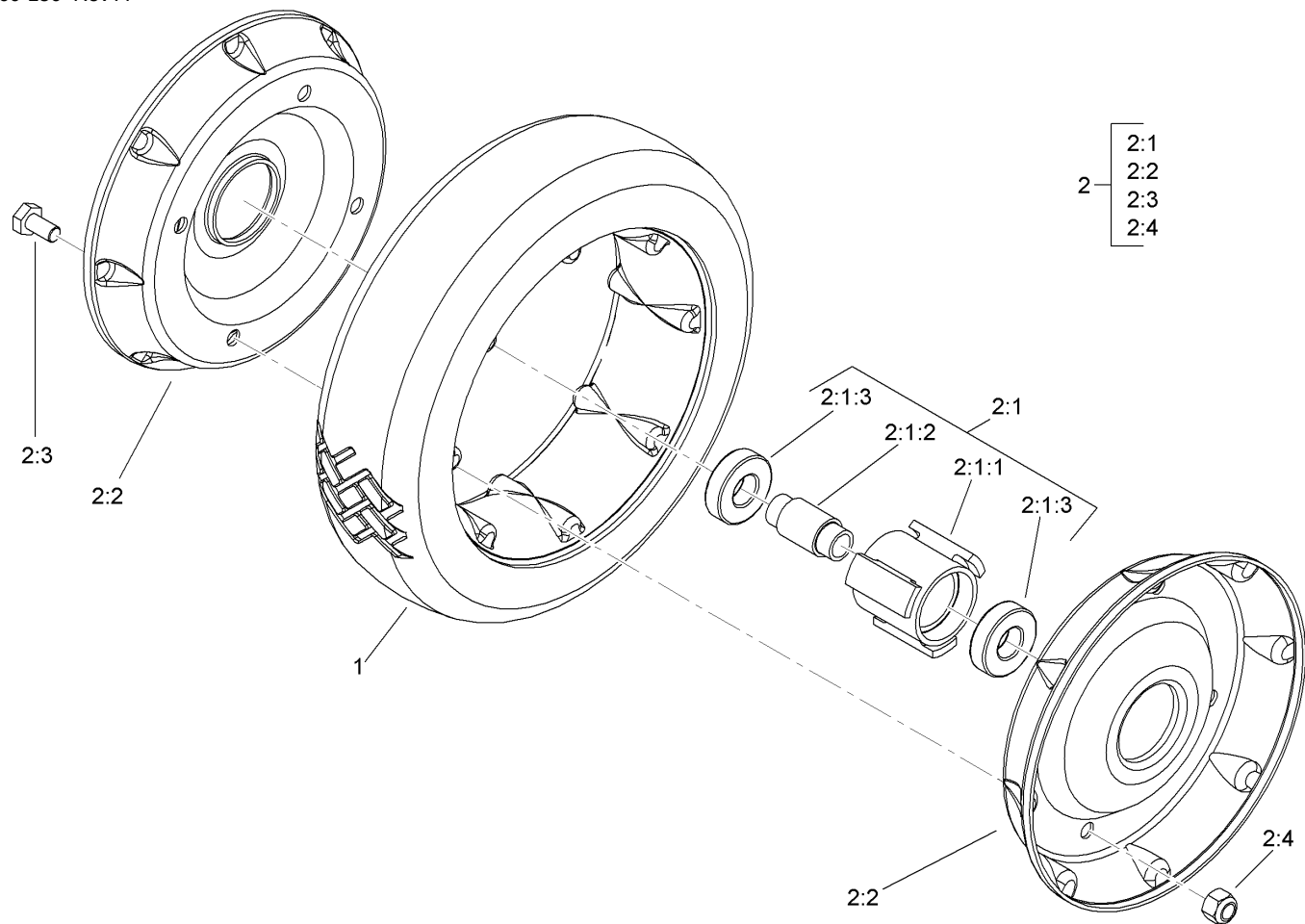
Housing Assembly

Ref	Part No.	Qty.	Description				
1	108-8169	1	Door-Service				
1:1	105-1295	1	Decal-Warning				
2	49-2040	7	Screw-HWHTF				
3	3290-337	1	Nut-Speed				
4	107-7493	2	Plate-Support, Door				
5	107-7490	1	Mulch Plug ASM				
6	105-3032	1	Spring-Door, Rear				
7	114-1586	1	Shield-Trailing				
8	107-7497	1	Bracket-Cable, Traction				
9	107-7494	1	Cover-Belt				
10	107-7499	1	Rod-Support, Door				
11	107-3717	1	Discharge Door ASM				
11:2	107-0795	1	Latch-Door				
11:3	107-7456	1	Cap-Door				
11:4	107-7461	1	Screw-Plastite				
12	99-8445	2	Screw-HWH				
13	99-5293	1	Spring-Torsion				
14	99-5291	1	Rod-Cover				
15	112-6416	1	Bracket-Cover				
16	108-3753	1	Chute-Discharge, Side				
18	108-4750	1	Housing ASM				
21	107-7495	1	Tunnel-Discharge				



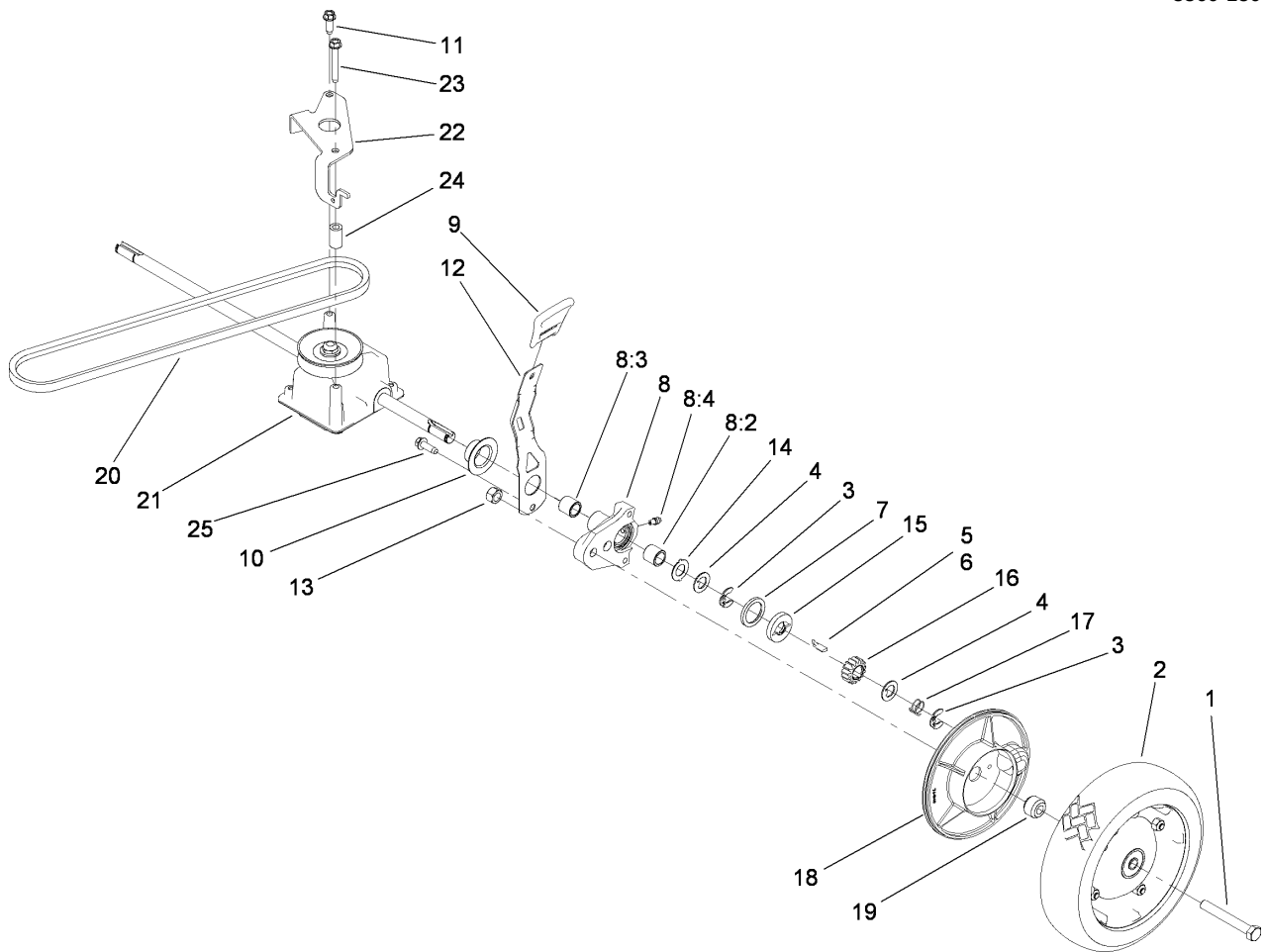
Height-of-Cut Assembly

Ref	Part No.	Qty.	Description				
1	323-12	2	Screw-HH				
2	100-2870	2	Wheel And Tire ASM				
3	114-3467	2	Screw-Shoulder				
4	107-7492	2	Arm-Pivot				
5	107-7491	2	Arm-Spring				
6	110-0549	2	Knob-HOC				
7	603773	4	Nut				
8	49-2040	10	Screw-HWHTF				
10	107-7478	2	Plate-HOC				
13	52-2480	4	Spacer-Wheel				
15	3256-24	2	Washer-Flat				
17	110-4929	1	Decal-Housing, Front				
24	110-4920-03	2	Bracket-Support				



Wheel and Tire Assembly No. 100-2870

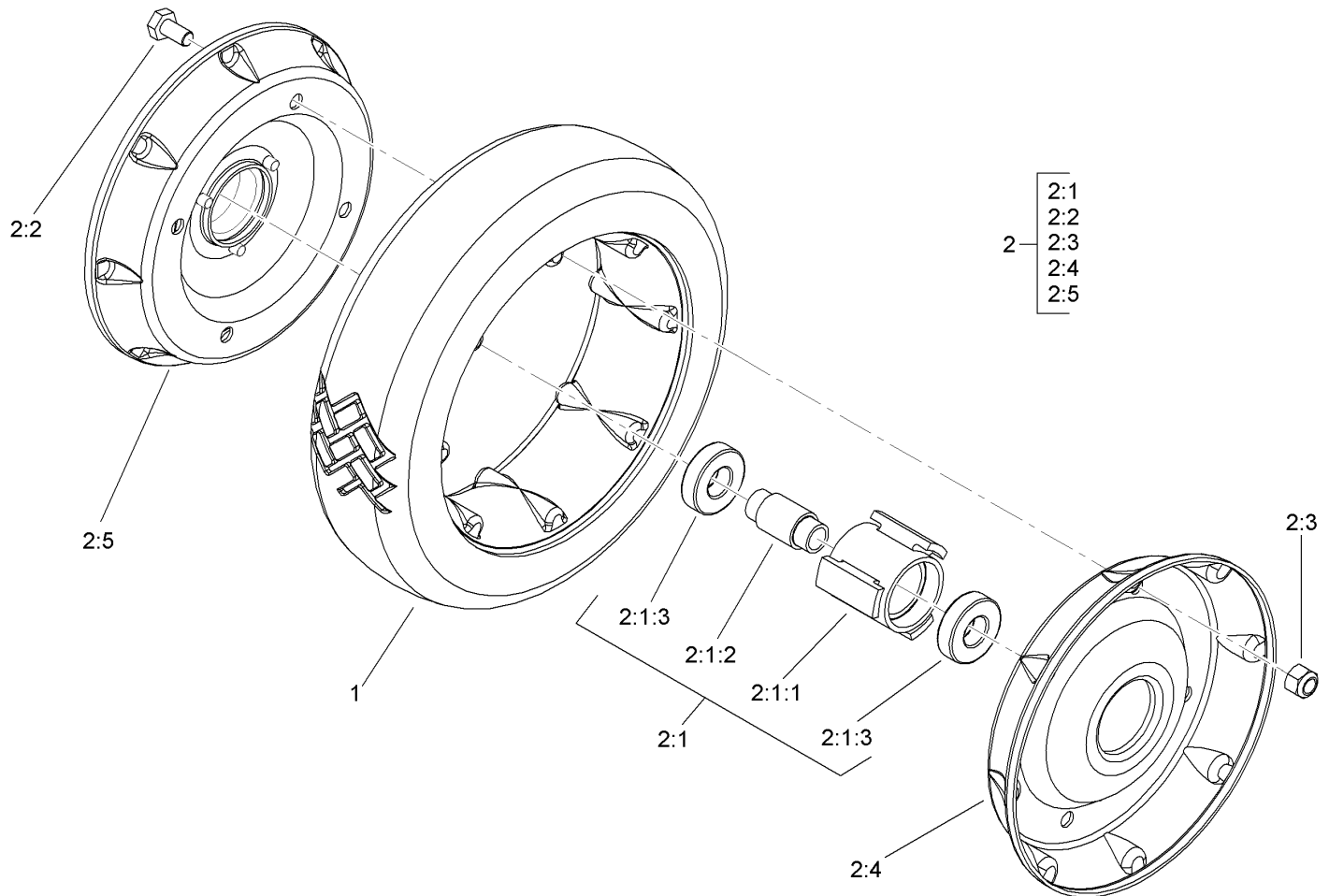
Ref	Part No.	Qty.	Description				
1	53-7740	1	Tire				
❶2		1	Wheel ASM				
❶2:1		1	Hub And Bearing ASM				
2:1:1	52-2410	1	Hub-Bearing				
2:1:2	52-2440	1	Spacer-Bearing				
2:1:3	52-2450	2	Bearing-Wheel				
2:2	53-7780-06	2	Plate-Wheel, Half				
2:3	321-2	4	Screw-HH				
2:4	3296-42	4	Nut-Lock, NI				



Transmission Assembly

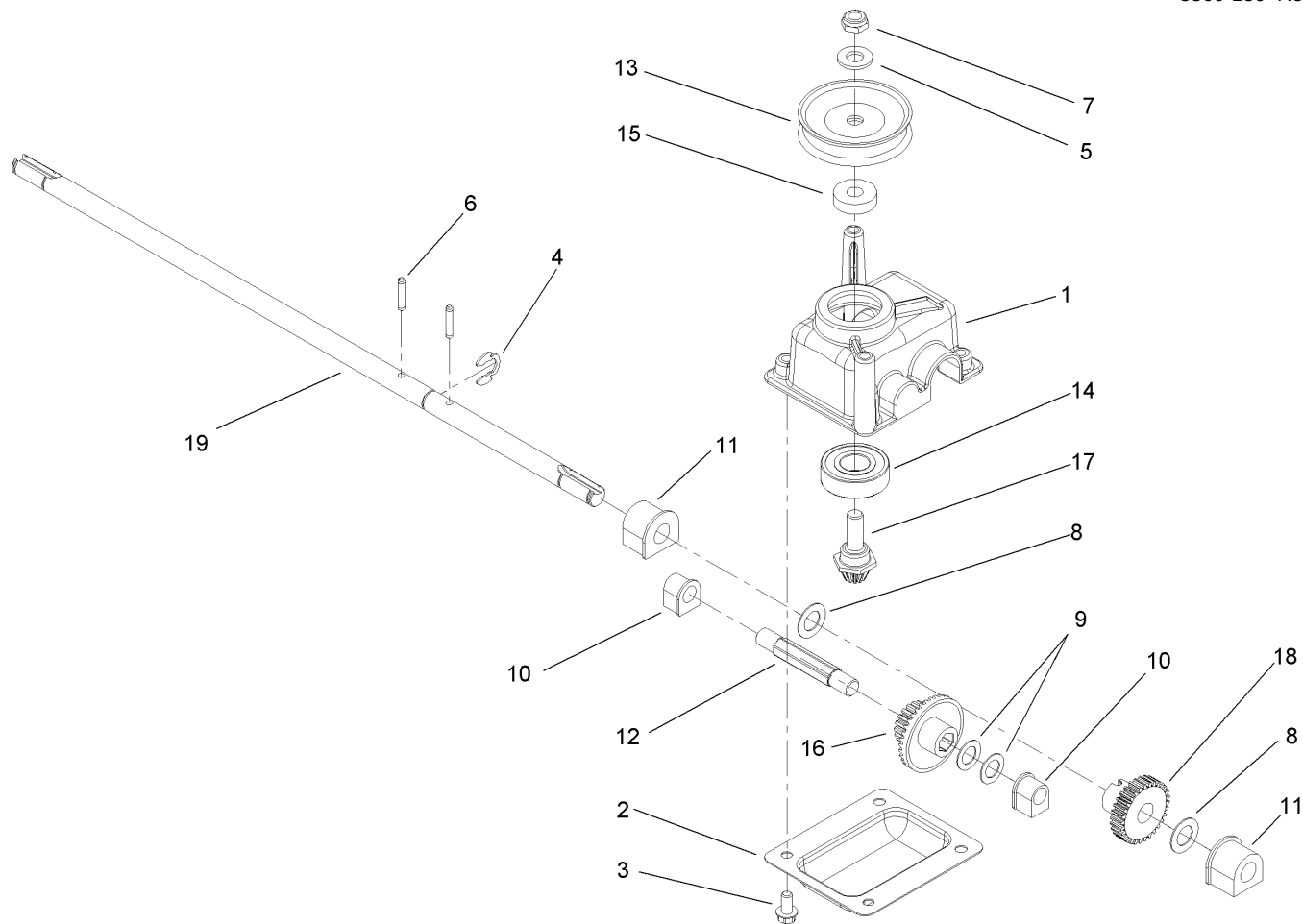
Ref	Part No.	Qty.	Description
1	323-13	2	Screw-HH
2	100-2860	2	Wheel And Tire ASM
3	65-2720	4	Ring-Clip, Locking
4	65-4740	4	Washer-Thrust, Keyed
5	66-6040	1	Key-Rocking, RH
6	66-6050	1	Key-Rocking, LH
7	65-4710	2	Ring-Friction
8	100-8774	2	Pivot Arm ASM
8:2	47-2900	1	Bushing
8:3	70-9760	1	Bushing
8:4	302-56	1	Fitting-Grease
9	110-0549	2	Knob-HOC
10	42-3520	2	Cap-End
11	49-2040	1	Screw-HWHTF
12	107-7491	2	Arm-Spring
13	603773	2	Nut
14	65-4730	2	Washer-Arm, Pivot
15	65-4760	2	Washer-Clutch
16	65-4750	2	Gear-Pinion
17	65-4720	2	Spring-Compression
18	74-1640	2	Cover-Wheel
19	74-1650	2	Spacer-Cover, Wheel
20	99-1597	1	V-Belt
21	108-8140	1	Gear Case ASM

Ref	Part No.	Qty.	Description
22	107-7483-03	1	Bracket-Gearbox
23	92-1616	1	Screw-HWHTF
24	614673	1	Bushing-Plate, Actuator
25	32144-85	2	Screw-HWH



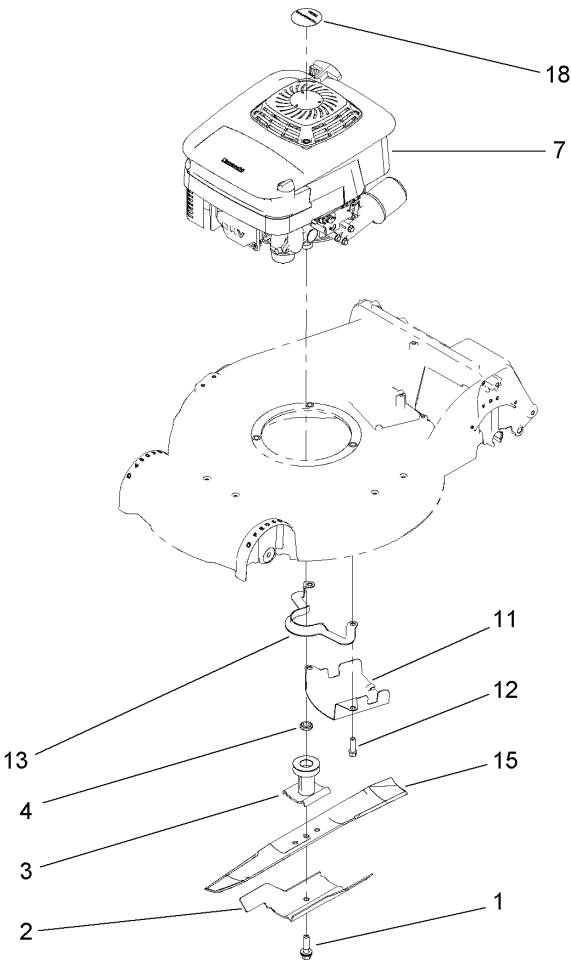
Rear Wheel Assembly No. 100-2860

Ref	Part No.	Qty.	Description				
1	53-7740	1	Tire				
12		1	Wheel ASM				
12:1		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				



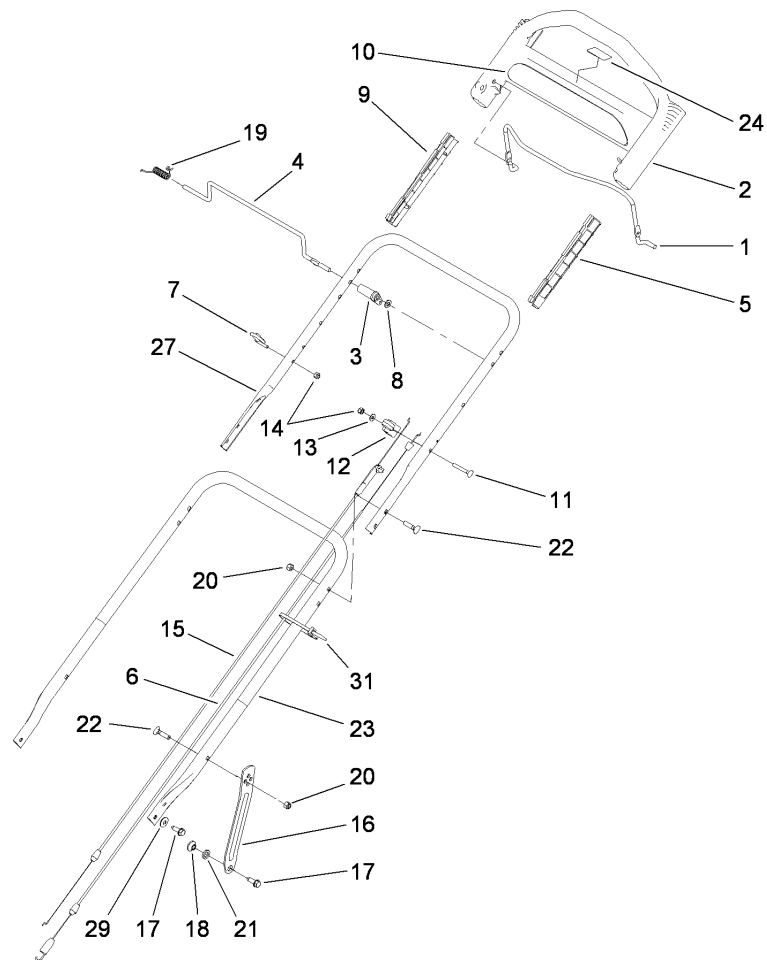
Gear Case Assembly No. 108-8140

Ref	Part No.	Qty.	Description				
1	104-7619	1	Case-Gear				
2	614668-03	1	Cover-Case, Gear				
3	32144-4	4	Screw-HWH				
4	32151-68	1	Ring-Retaining				
5	3256-24	1	Washer-Flat				
6	3285-19	2	Pin-Groove				
7	3296-5	1	Nut-Lock				
8	36-4780	2	Washer-Plain				
9	36-4791	2	Washer-Thrust				
10	60-8750	2	Bushing				
11	60-8850	2	Bushing				
12	614696	1	Shaft-Intermediate				
13	100-1176	2	Pulley-Half				
14	100-1048	1	Bearing-Ball				
15	62-6660	1	Spacer				
16	104-1005	1	Gear-19T Spur, 37T Bevel				
17	104-7667	1	Gear-Pinion, Bevel				
18	104-1004	1	Gear-30T				
19	108-8141	1	Shaft-Output				



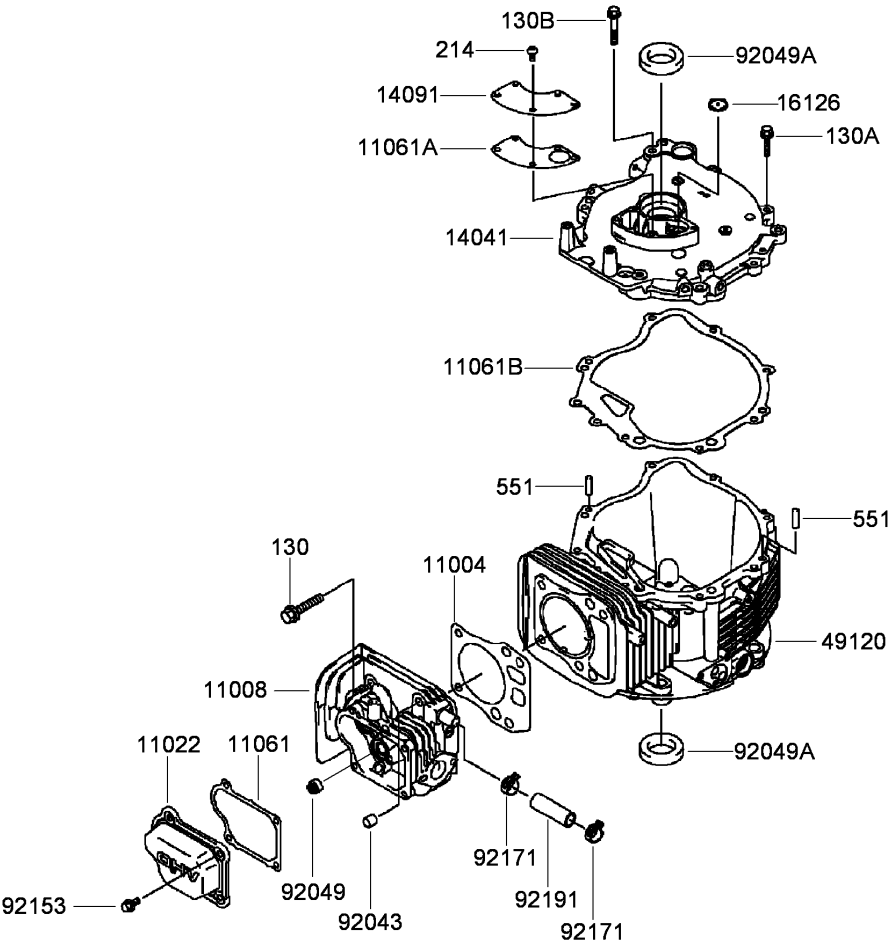
Engine Assembly

Ref	Part No.	Qty.	Description				
1	105-8579	1	Bolt-Blade				
2	105-6848-03	1	Accelerator-Blade				
3	106-3987	1	Blade Driver ASM				
4	106-3999	1	Spacer-Driver				
7		1	Engine-Kawasaki, Fj180V-As34				
11	107-7489-03	1	Shield-Grass				
12	95-1727	3	Screw-Taptite				
13	108-8110-03	1	Guide-Belt				
15	108-3762-03	1	Blade-Recycling				
18	112-9966	1	Decal				



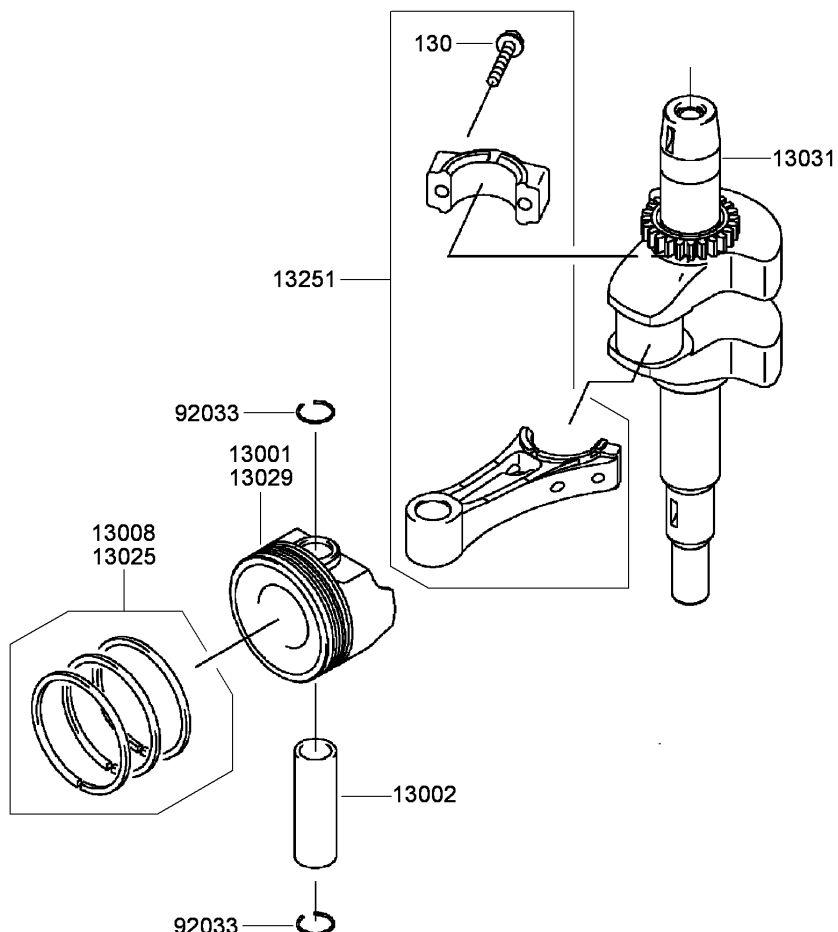
Handle Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-8679-03	1	Bail-Brake	27	110-4874-03	1	Handle-Upper
2	104-8678	1	Handle-Control	29	3290-456	2	Washer-Belleville
3	99-1589	1	Lever-Traction	31	614249	1	Strap-Tie
4	99-1588	1	Bar-Control, Traction				
5	105-6842	1	Guide-LH				
6	106-5750	1	Cable-Brake				
7	86-9671	1	Guide-Rope				
8	3256-23	1	Washer-Flat				
9	105-6841	1	Guide-RH				
10	108-8134	1	Decal-Handle				
11	95-4453	1	Screw				
12	99-5239	1	Anchor-Cable				
13	3256-1	1	Washer-Flat				
14	3296-42	2	Nut-Lock, NI				
15	108-8158	1	Cable-Traction				
16	108-8145-03	2	Support-Handle				
17	701243	4	Screw-HWHTF				
18	27-6600	2	Spacer-Coupling				
19	104-8690	1	Spring-Torsion				
20	3296-29	6	Nut-Lock, NI				
21	55-9670	2	Washer				
22	92-4095	6	Screw-Handle				
23	114-3492-03	1	Handle-Lower				
24	98-4387	1	Decal-Protection, Ear				



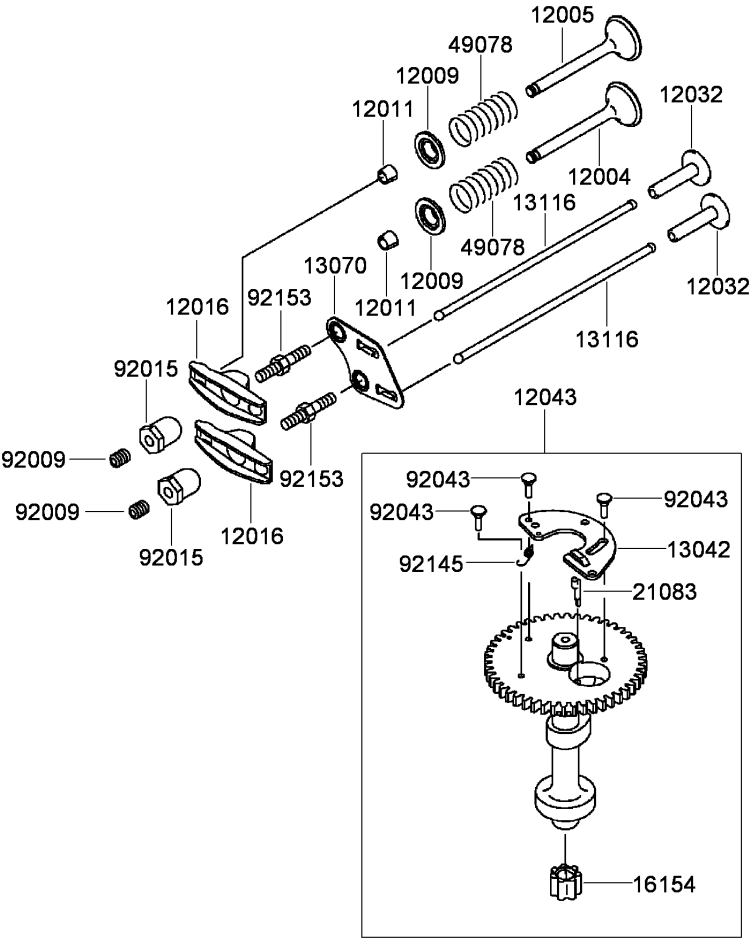
Cylinder and Crankcase Assembly
Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②11004	11004-7020	1	Gasket-Head				
②11008	11008-7025	1	Head-Cylinder				
②11022	11022-7005	1	Case-Rocker				
②11061	11061-7023	1	Gasket-Case, Rocker				
②11061A	11061-7031	1	Gasket-Breather				
②11061B	11061-7060	1	Gasket-Cover, Crankcase				
②14041	14041-7009	1	Cover				
②14091	14091-7010	1	Cover-Breather				
②16126	16126-7014	1	Valve-Breather				
②49120	49120-7082	1	Crankcase				
②92043	92043-7001	2	Pin				
②92049	92049-7001	1	Seal-Oil, R V C2 (6X11X10.2)				
②92049A	92049-7008	2	Seal-Oil, 28-44-9 T C				
②92153	92153-7043	4	Bolt (6X12)				
②92171	92171-7024	2	Clamp				
②92191	92191-7025	1	Tube (12X16X49)				
②130	130CA0840	4	Bolt-Flanged (8X40)				
②130A	130G0625	7	Bolt-Flanged (6X25)				
②130B	130G0635	1	Bolt-Flanged (6X35)				
②214	214B0510	5	Screw-Pan (5X10)				
②551	551A0612	2	Pin-Dowel (6X12)				



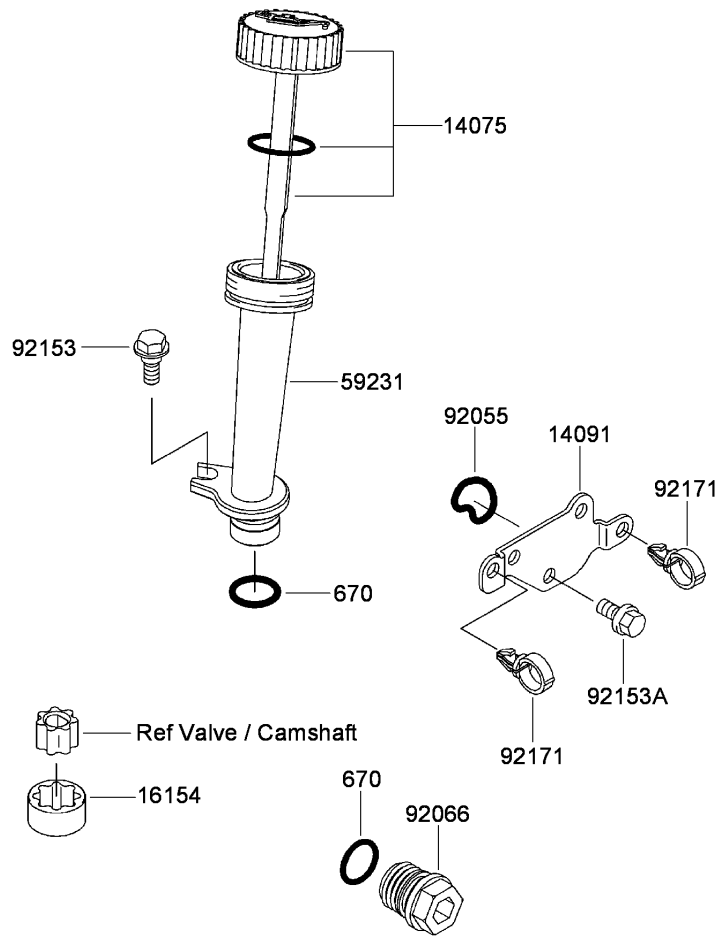
Piston and Crankshaft Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②13001	13001-7023	1	Piston-Engine				
②13002	13002-7001	1	Pin-Piston				
②13008	13008-7002	1	Piston Ring Set				
②13025	13025-7006	1	Piston Ring Set (L 0.50)				
②13029	13029-7005	1	Piston-Engine (L 0.50)				
②13031	13031-7064	1	Crankshaft				
②13251	13251-7011	1	Connecting Rod ASM				
②92033	92033-7002	2	Ring-Snap				
②130	130G0630	2	Bolt-Flanged (6X30)				



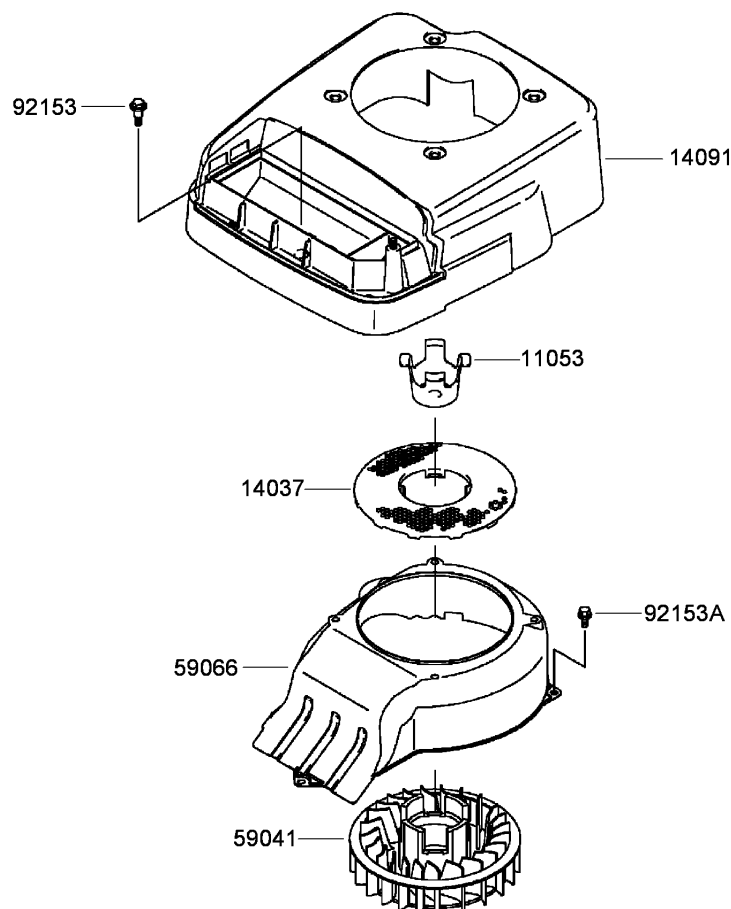
Valve and Camshaft Assembly
Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
❶12004	12004-7005	1	Valve-Intake				
❶12005	12005-7006	1	Valve-Exhaust				
❶12009	12009-7001	2	Retainer-Spring, Valve				
❶12011	12011-2056	4	Collet				
❶12016	12016-7008	2	Arm-Rocker				
❶12032	12032-7001	2	Tappet				
❶12043	12043-7005	1	Camshaft Valve ASM				
❶13042	13042-7006	1	Weight				
❶13070	13070-7009	1	Guide				
❶13116	13116-7003	2	Rod-Push				
❶16154	16154-7004	1	Rotor-Pump				
❶21083	21083-7009	1	Arm				
❶49078	49078-7001	2	Spring-Valve, Engine				
❶92009	92009-2341	2	Screw				
❶92015	92015-2253	2	Nut				
❶92043	92043-7006	3	Pin				
❶92145	92145-7016	1	Spring				
❶92153	92153-7019	2	Bolt				



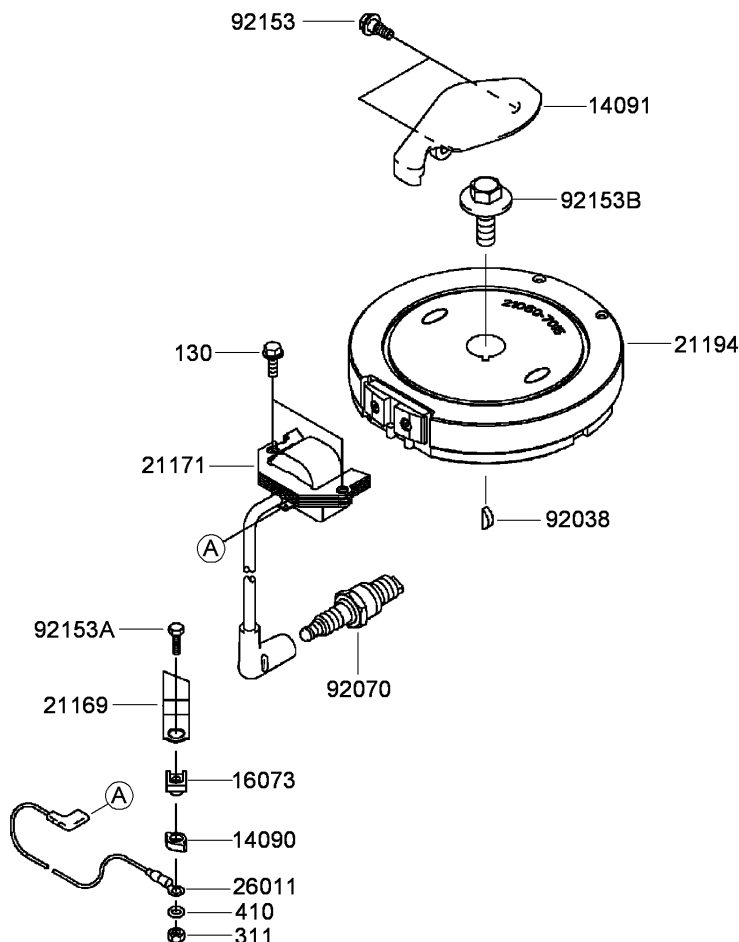
Lubrication Equipment Assembly
Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②14075	14075-7007	1	Cap ASM				
②14091	14091-7061	1	Cover-Filter, Oil				
②16154	16154-7002	1	Rotor-Pump				
②59231	59231-7004	1	Filler				
②92055	92055-2151	1	O-Ring				
②92066	92066-7003	1	Plug				
②92153	92153-7007	1	Bolt				
②92153A	92153-7043	3	Bolt (6X12)				
②92171	92171-7014	2	Clamp				
②670	670D2016	2	O-Ring (16Mm)				



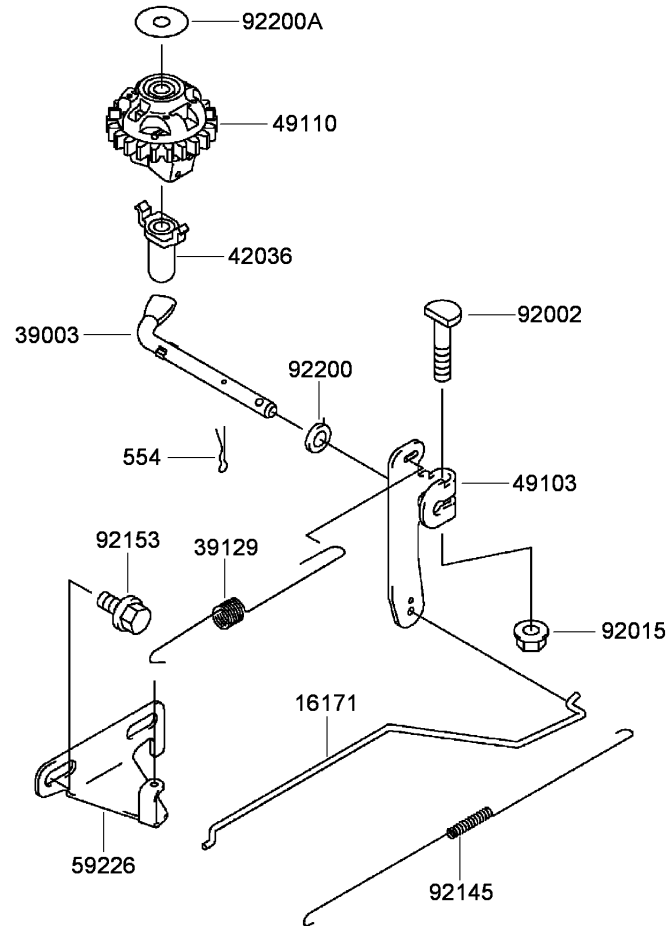
Cooling Equipment Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②11053	11053-7009	1	Bracket-Fan				
②14037	14037-7017	1	Screen				
②14091	14091-7046	1	Cover				
②59041	59041-7009	1	Fan				
②59066	59066-7016	1	Housing-Fan				
②92153	92153-7008	1	Bolt				
②92153A	92153-7043	1	Bolt (6X12)				



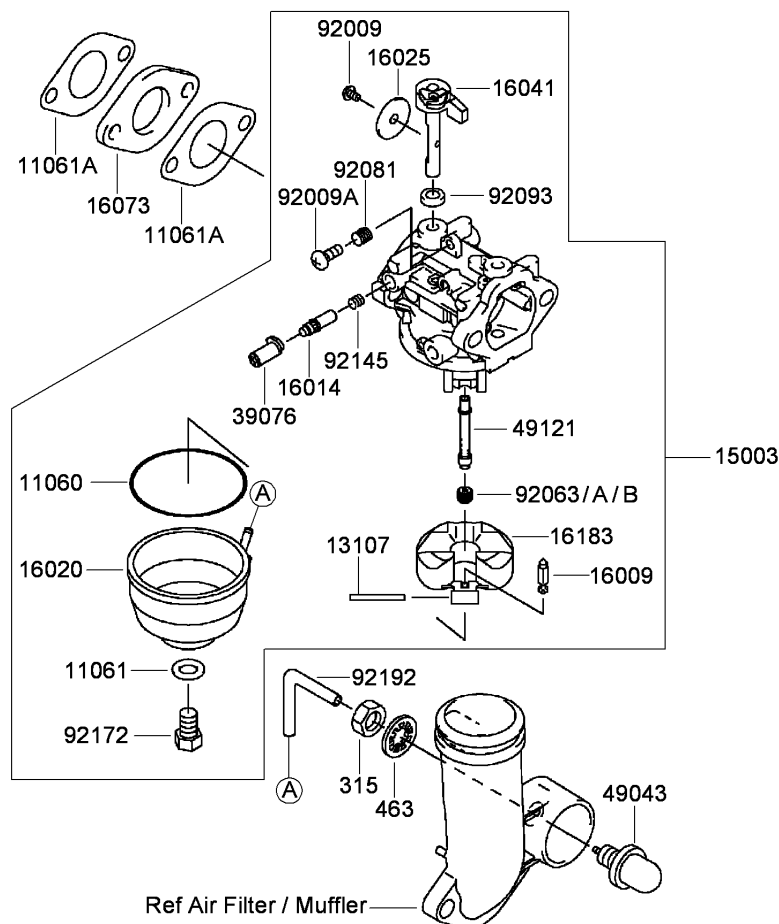
Electric Equipment Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②14090	14090-2108	1	Cover				
②14091	14091-7036	1	Cover				
②16073	16073-2192	1	Insulator				
②21169	21169-2071	1	Terminal				
②21171	21171-7030	1	Ignition Coil ASM				
②21194	21194-7024	1	Flywheel				
②26011	26011-7013	1	Wire-Lead				
②92038	92038-2077	1	Key				
②92070	92070-2088	1	Spark Plug, B P R 5E S (N G K) Solid				
②92153	92153-7007	2	Bolt				
②92153A	92153-7012	1	Bolt (4X16)				
②92153B	92153-7030	1	Bolt (12X30)				
②130	130B0620	2	Bolt-Flanged (6X20)				
②311	311B0400	1	Nut-Hex (4Mm)				
②410	410B0400	1	Washer-Plain, S (4Mm)				



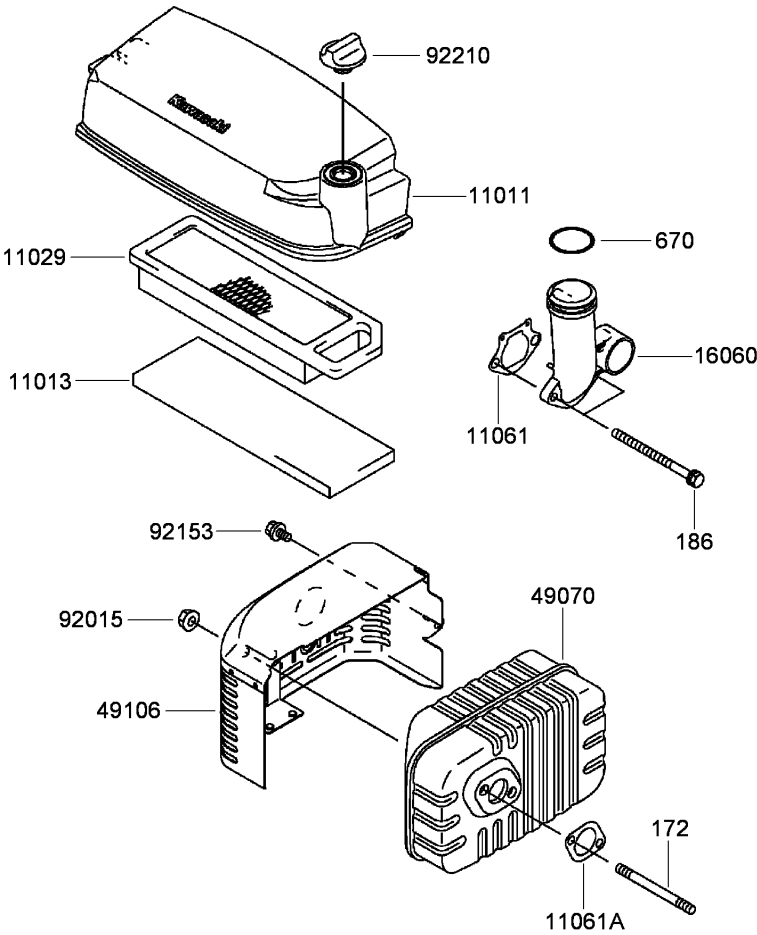
Control Equipment Assembly
Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②16171	16171-7015	1	Link-Throttle				
②39003	39003-7002	1	Arm-Pivot				
②39129	39129-7007	1	Spring-Governor				
②42036	42036-2051	1	Sleeve				
②49103	49103-7005	1	Arm-Governor				
②49110	49110-7002	1	Governor ASM				
②59226	59226-7014	1	Panel-Control				
②92002	92002-2269	1	Bolt (6X28)				
②92015	92015-1193	1	Nut				
②92145	92145-7025	1	Spring-Throttle				
②92153	92153-7043	2	Bolt (6X12)				
②92200	92200-2029	1	Washer (6.5X11.5X2.0)				
②92200A	92200-2036	1	Washer (6.2X20X0.5)				
②554	554A0600	1	Pin-Snap (1.2X21.2)				



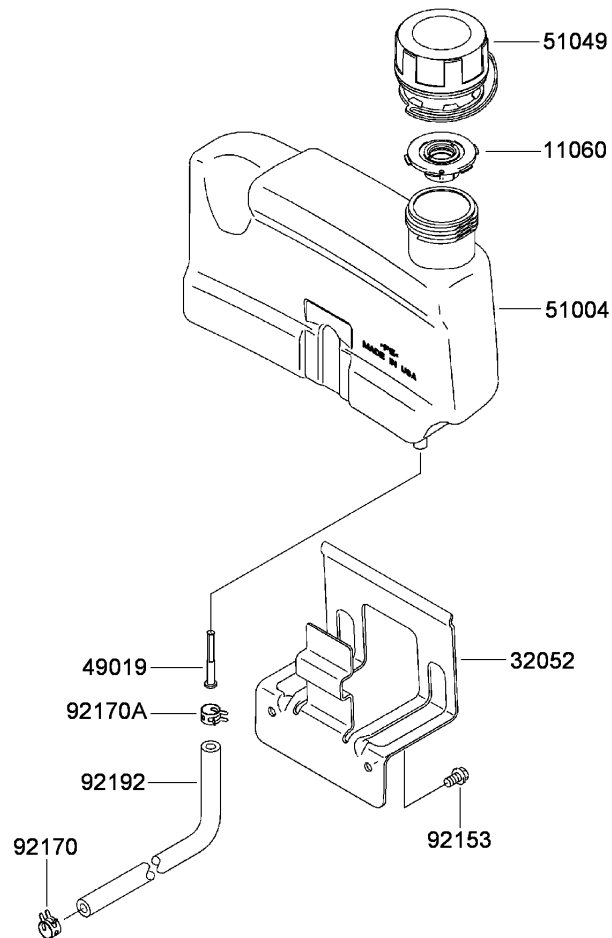
Carburetor Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②11060	11060-2190	1	Gasket	②92192	92192-7074	1	Tube (2.2X7.3X65)
②11061	11061-7010	1	Gasket-Screw	②315	315B1000	1	Nut-Hex, Fine (10Mm)
②11061A	11061-7015	2	Gasket-Insulator	②463	463H1000	1	Washer-Toothed (10Mm)
②13107	13107-7024	1	Shaft				
②15003	15003-7133	1	Carburetor ASM				
②16009	16009-2136	1	Needle-Jet				
②16014	16014-7008	1	Screw-Air, Pilot				
②16020	16020-7005	1	Chamber-Float				
②16025	16025-7007	1	Valve-Throttle				
②16041	16041-7019	1	Shaft-Carburetor				
②16073	16073-7006	1	Insulator				
②16183	16183-2002	1	Float ASM				
②39076	39076-7001	1	Limiter				
②49043	49043-7002	1	Pump-Priming				
②49121	49121-7012	1	Nozzle-Main				
②92009	92009-2083	1	Screw				
②92009A	92009-2349	1	Screw				
②92063	92063-7048	1	Jet-Main, No. 76 (6,3280 Ft)				
②92063A	92063-7049	1	Jet-Main, No. 74 (74,6560 Ft)				
②92063B	92063-7061	1	Jet-Main, No. 78				
②92081	92081-2234	1	Spring				
②92093	92093-2100	1	Seal				
②92145	92145-7015	1	Spring				
②92172	92172-7023	1	Screw				



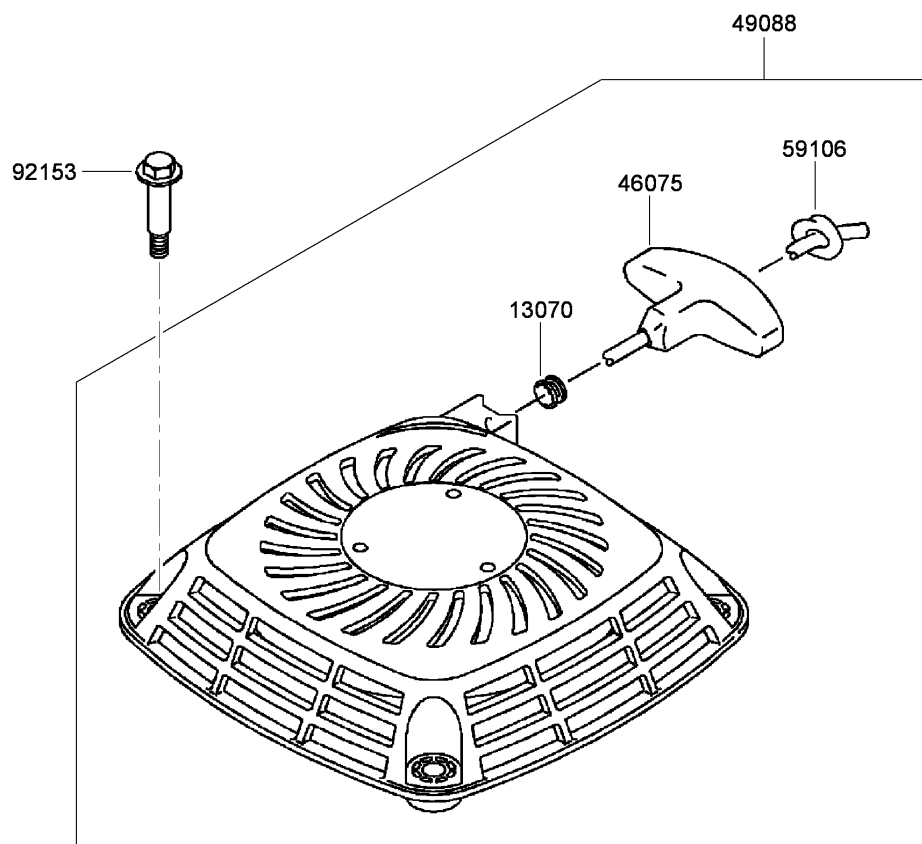
Air Filter and Muffler Assembly
Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②11011	11011-7028	1	Case-Filter, Air				
②11013	11013-7032	1	Element-Filter, Air				
②11029	11029-7021	1	Air Filter Element ASM				
②11061	11061-7012	1	Gasket-Pipe, Intake				
②11061A	11061-7029	1	Gasket-Muffler				
②16060	16060-7012	1	Pipe-Intake				
②49070	49070-7026	1	Muffler				
②49106	49106-7019	1	Cover-Muffler				
②92015	92015-1193	2	Nut				
②92153	92153-7023	1	Bolt (6X10)				
②92210	92210-7019	1	Nut				
②172	172G0680	2	Bolt-Stud (6X80)				
②186	186B0680	2	Bolt-Upset, Wp (6X80)				
②670	670B3032	1	O-Ring (32Mm)				



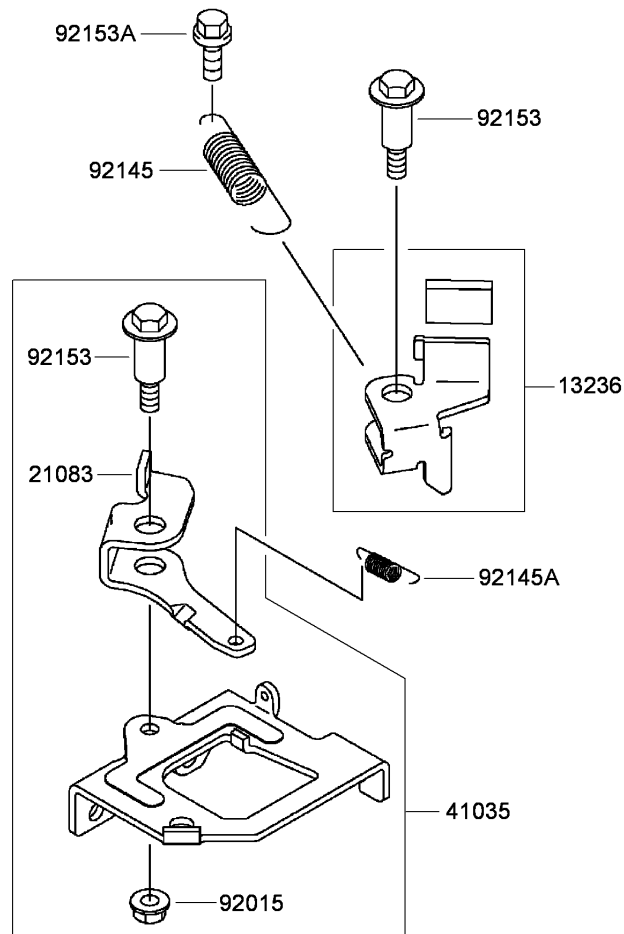
Fuel Tank and Fuel Valve Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
211060	11060-2145	1	Gasket				
232052	32052-7001	1	Bracket-Tank				
249019	49019-7003	1	Filter-Fuel				
251004	51004-7004	1	Tank-Fuel				
251049	51049-7004	1	Cap-Tank				
292153	92153-7023	2	Bolt (6X10)				
292170	92170-2009	1	Clamp				
292170A	92170-2088	1	Clamp				
292192	92192-7033	1	Tube (6.35X12.7X330)				



Starter Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description
②13070	13070-7015	1	Guide
②46075	46075-7002	1	Grip
②49088	49088-7023	1	Starter-Recoil
②59106	59106-7003	1	Rope (2200Mm)
②92153	92153-7021	4	Bolt (M6)



Brake and Cover Assembly Kawasaki FJ180V-AS34

Ref	Part No.	Qty.	Description				
②13236	13236-7008	1	Lever				
②21083	21083-7016	1	Arm				
②41035	41035-7005	1	Brake Panel ASM				
②92015	92015-1193	1	Nut				
②92145	92145-7023	1	Spring				
②92145A	92145-7032	1	Spring				
②92153	92153-7020	2	Bolt				
②92153A	92153-7023	1	Bolt (6X10)				

Attachments and Accessories

For 22194 - 21in Heavy-Duty Lawn Mower

Product Name	Model/Part
Rear Bag Kit	22159

NOTES

NOTES

