



PT21 Lawn Mower

Model No. 22163 - 280000001 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 FJ180V-AS28	 13
Housing Assembly No. 108-4750	 4	Electric Equipment Assembly Kawasaki FJ180V-AS28	 14
Height-of-Cut Assembly	 5	Control Equipment Assembly Kawasaki FJ180V-AS28	 15
Wheel and Tire Assembly No. 100-2870	 6	Carburetor Assembly Kawasaki FJ180V-AS28	 16
Engine Assembly	 7	Air Filter and Muffler Assembly Kawasaki FJ180V-AS28	 17
Handle Assembly	 8	Fuel Tank and Fuel Valve Assembly Kawasaki FJ180V-AS28	 18
Cylinder and Crankcase Assembly Kawasaki FJ180V-AS28	 9	Starter Assembly Kawasaki FJ180V-AS28	 19
Piston and Crankshaft Assembly Kawasaki FJ180V-AS28	 10	Brake and Cover Assembly Kawasaki FJ180V-AS28	 20
Valve and Camshaft Assembly Kawasaki FJ180V-AS28	 11	Decal Assembly Kawasaki FJ180V-AS28	 21
Lubrication Equipment Assembly Kawasaki FJ180V-AS28	 12	Attachments and Accessories List	 22

Part Description Abbreviations

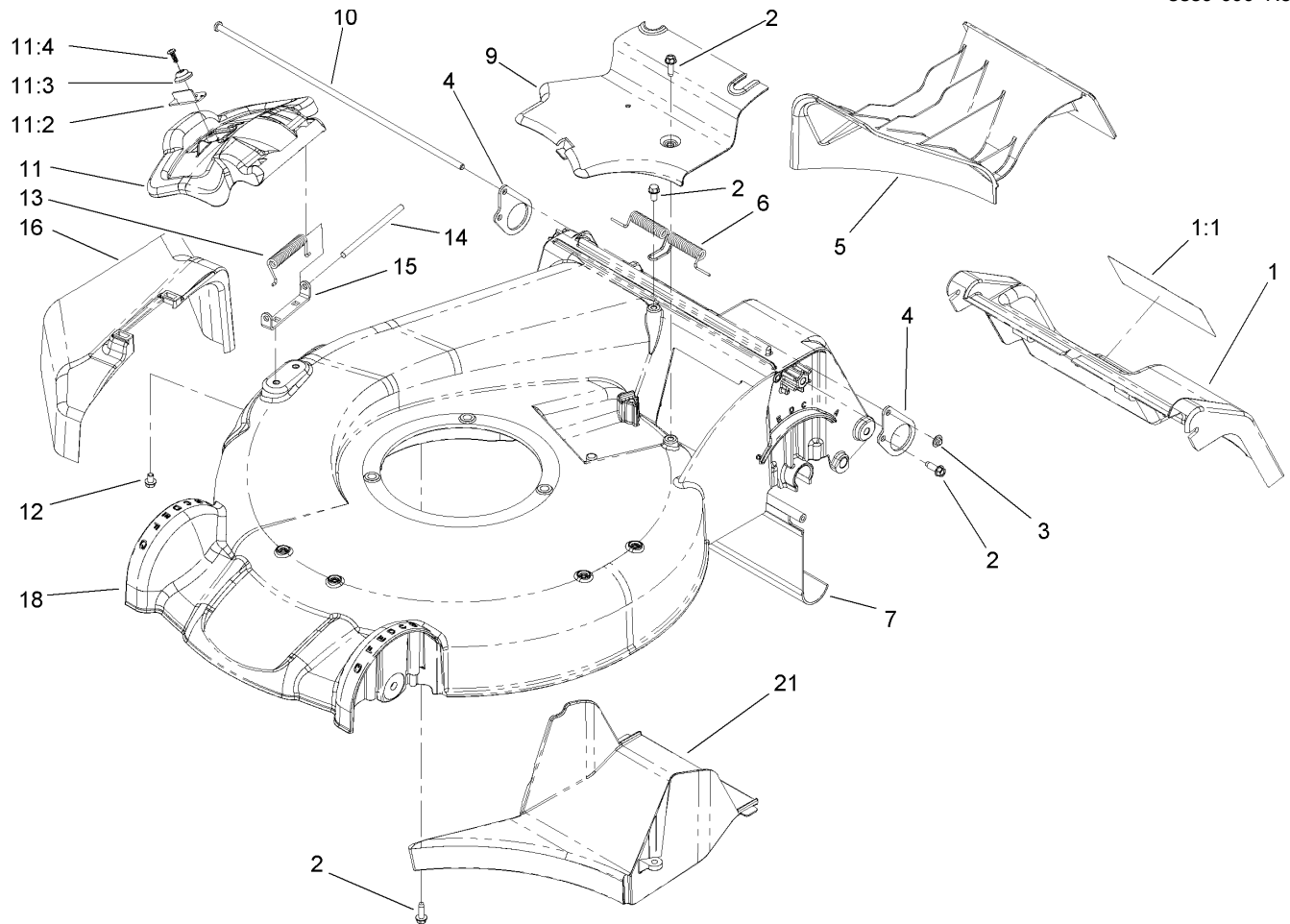
Part descriptions in this catalog may include the following abbreviations.

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 serviced separately

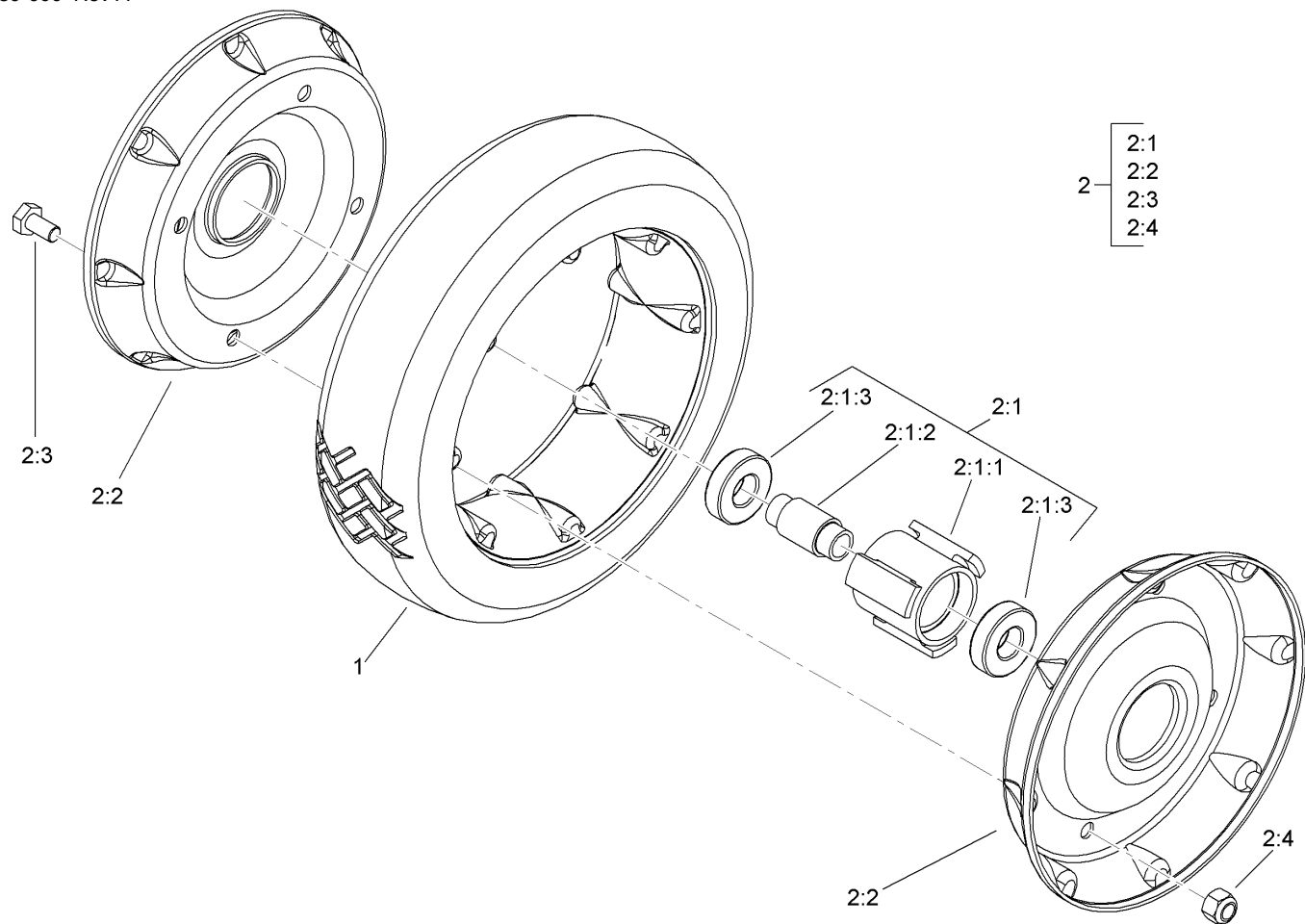
❷ Obtain from your local Kawasaki dealer



Housing Assembly

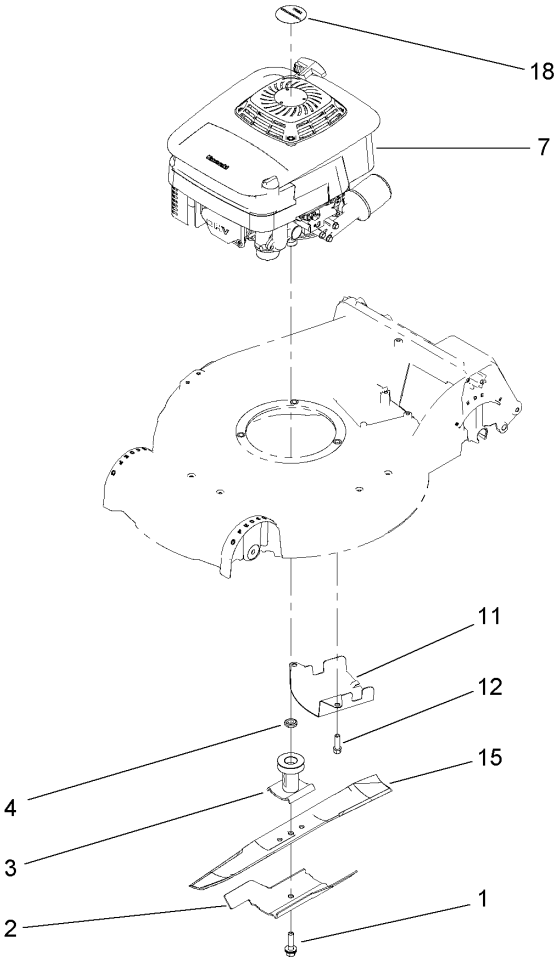
Ref	Part No.	Qty.	Description				
1	108-8169	1	Door-Service				
1:1	105-1295	1	Decal-Warning				
2	49-2040	6	Screw-HWHTF				
3	3290-337	1	Nut-Speed				
4	107-7493	2	Plate-Support, Door				
5	107-7490	1	Mulch Plug ASM				
6	105-3032	1	Spring-Door, Rear				
7	114-1586	1	Shield-Trailing				
9	107-7494	1	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				





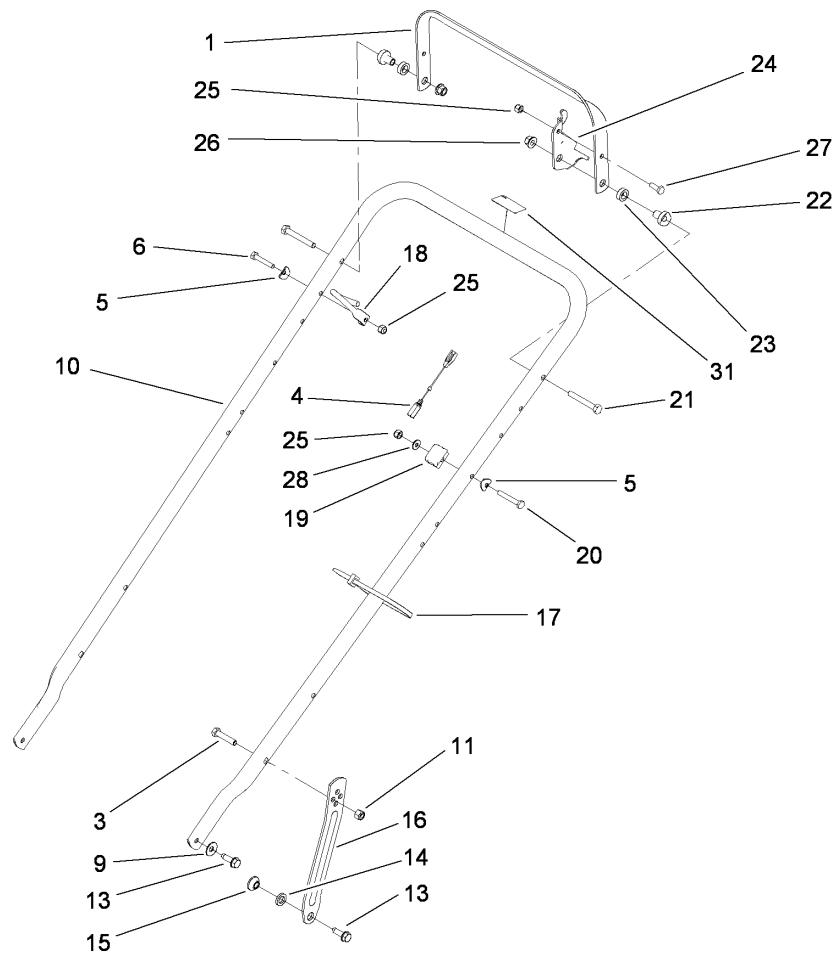
Wheel and Tire Assembly No. 100-2870

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				



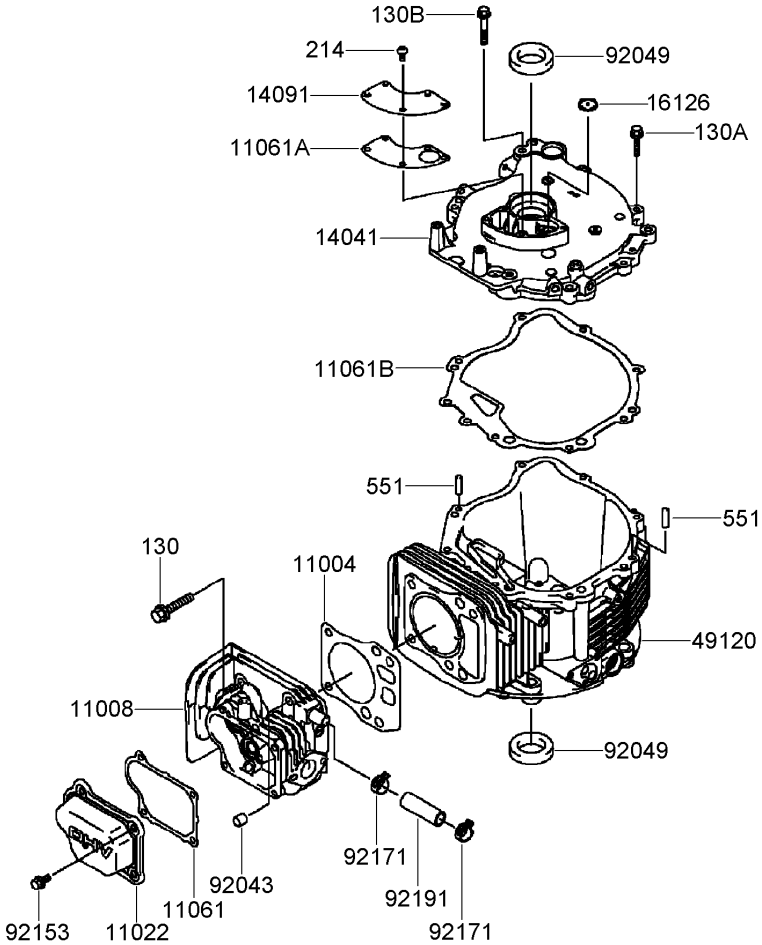
Engine Assembly

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	112-9990	1	Engine-Kawasaki, Fj180V-As28				
11	107-7489-03	1	Shield-Grass				
12	95-1727	3	Screw-Taptite				
15	108-3762-03	1	Blade-Recycling				
15	108-3759-03	1	Blade-Bagging				
18	112-9966	1	Decal				



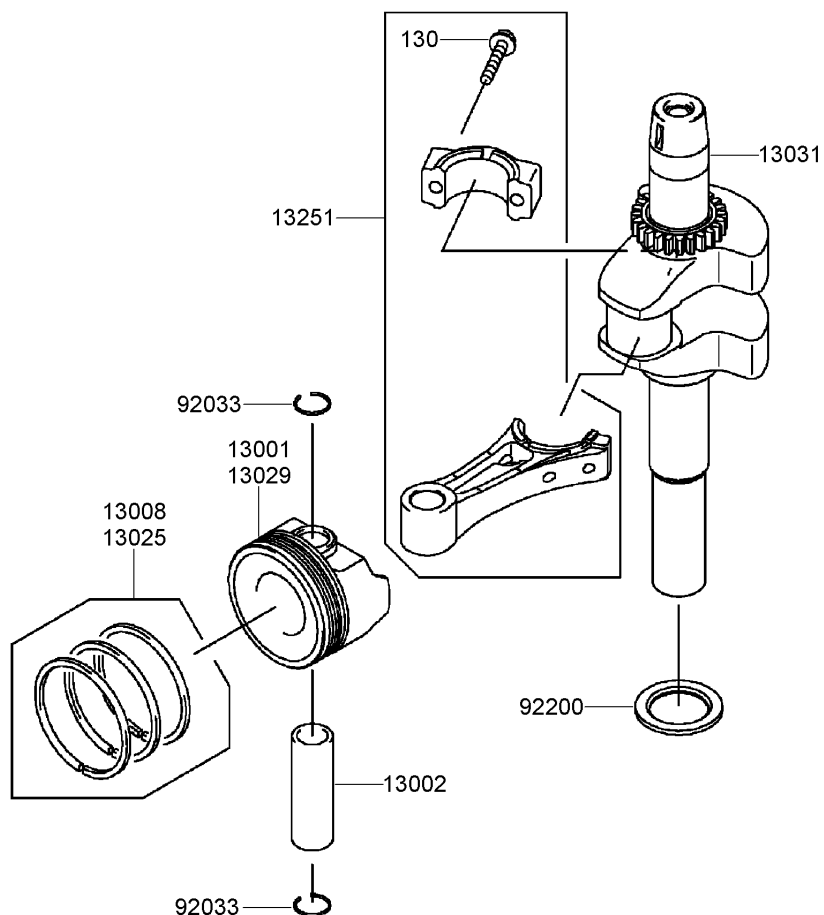
Handle Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	61-8270-03	1	Bar-Control	31	98-4387	1	Decal-Protection, Ear
3	92-4095	2	Screw-Handle				
4	110-4937	1	Brake Cable ASM				
5	3-7501	2	Washer				
6	321-10	1	Screw-HH				
9	3290-456	2	Washer-Belleville				
10	114-3493-03	1	Handle				
11	3296-29	2	Nut-Lock, NI				
13	701243	4	Screw-HWHTF				
14	55-9670	2	Washer				
15	27-6600	2	Spacer-Coupling				
16	108-8145-03	2	Support-Handle				
17	614249	2	Strap-Tie				
18	46-8081	1	Guide-Rope				
19	92-7729	1	Anchor-Cable, Upper				
20	321-50	1	Screw-HH				
21	322-11	2	Screw-HH				
22	49-1630	2	Spacer-Support				
23	256-276	2	Spacer-Nylon				
24	66-5350	1	Lever-Control				
25	3296-42	3	Nut-Lock, NI				
26	3296-58	2	Nut-Lock, NI				
27	321-4	1	Screw-HH				
28	3256-1	1	Washer-Flat				



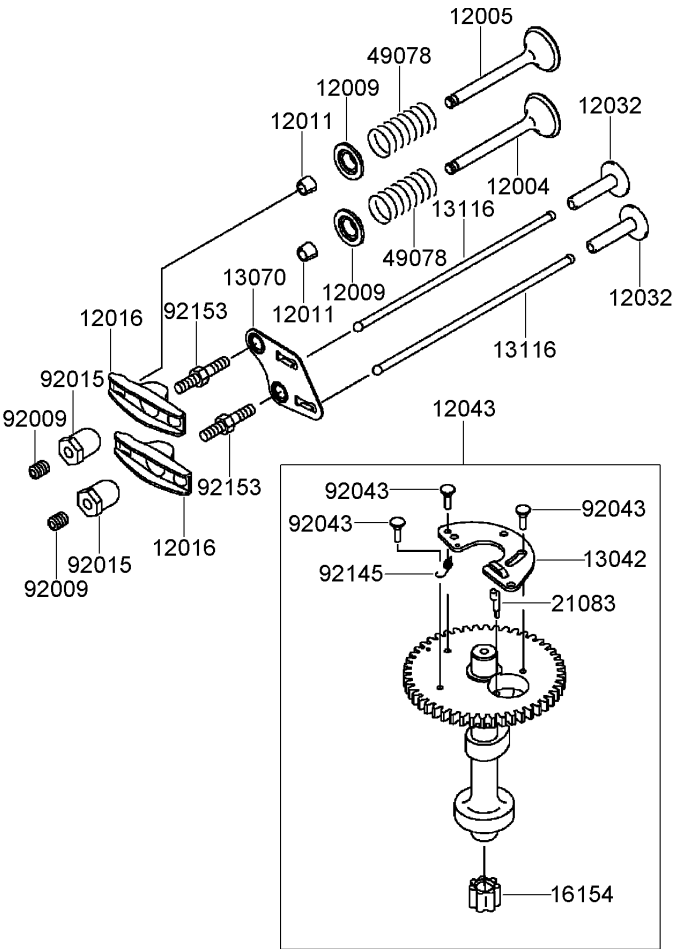
Cylinder and Crankcase Assembly
Kawasaki FJ180V-AS28

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	92049-7008	2	Seal-Oil (28-44-9 Tc)				
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)				



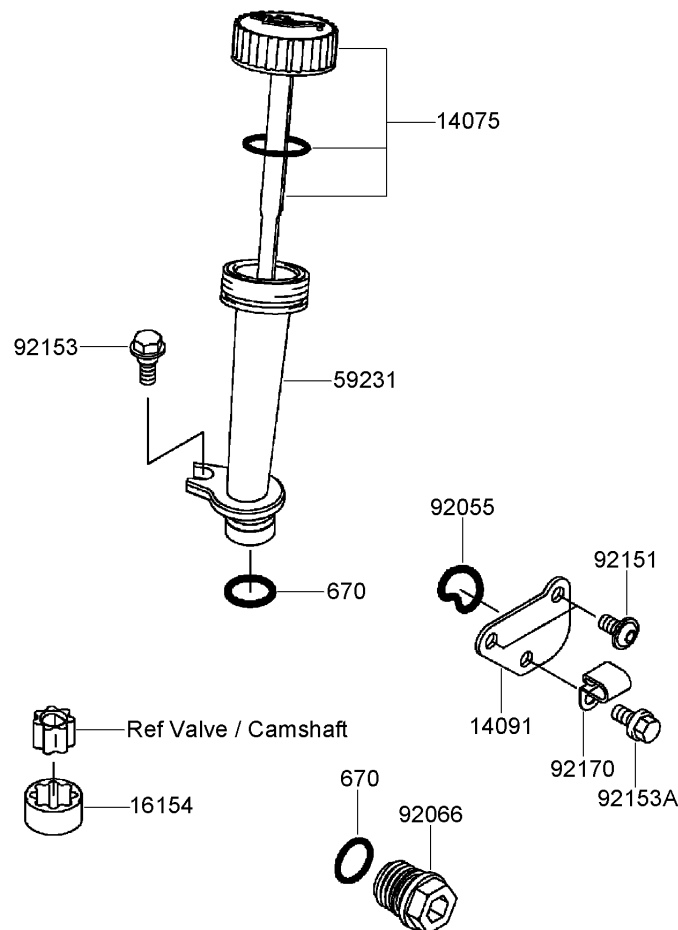
Piston and Crankshaft Assembly Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description				
②13001	13001-7022	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	13031-7078	1	Crankshaft				
②13251	13251-7011	1	Connecting Rod ASM				
②92033	92033-7002	2	Ring-Snap				
②92200	92200-7042	1	Washer (28X41.5X2.5)				
②130	130G0630	2	Bolt-Flanged (6X30)				



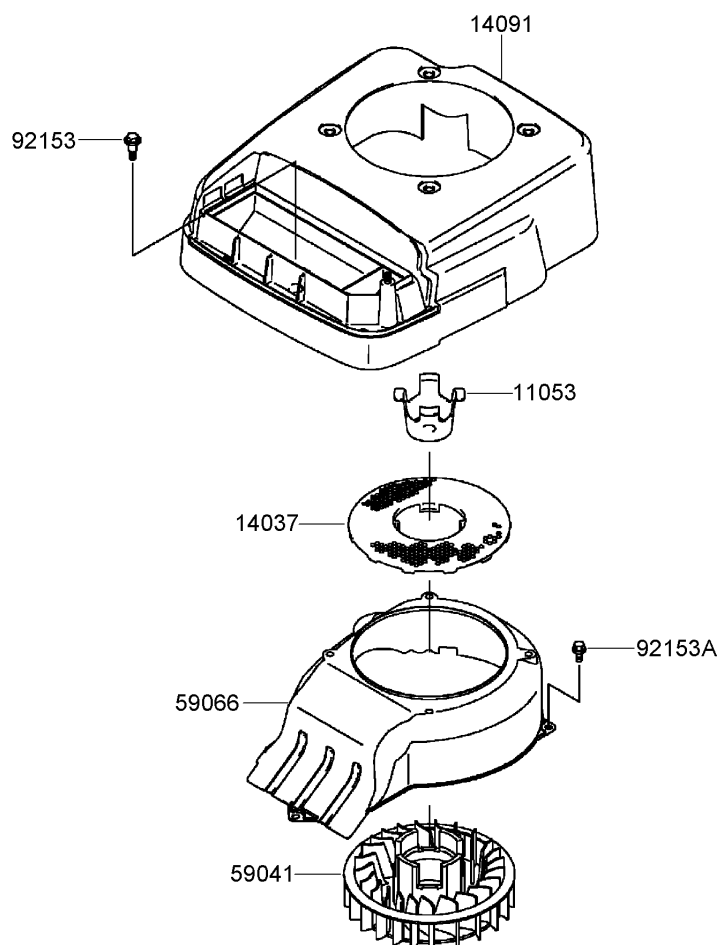
Valve and Camshaft Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description				
②12004	12004-7005	1	Valve-Intake				
②12005	12005-7006	1	Valve-Exhaust				
②12009	12009-7001	2	Retainer-Spring, Valve				
②12011	12011-2056	4	Collet				
②12016	12016-7008	2	Arm-Rocker				
②12032	12032-7001	2	Tappet				
②12043	12043-7005	1	Camshaft Valve ASM				
②13042	13042-7006	1	Weight				
②13070	13070-7009	1	Guide				
②13116	13116-7003	2	Rod-Push				
②16154	16154-7004	1	Rotor-Pump				
②21083	21083-7009	1	Arm				
②49078	49078-7001	2	Spring-Valve, Engine				
②92009	92009-2341	2	Screw				
②92015	92015-2253	2	Nut				
②92043	92043-7006	3	Pin				
②92145	92145-7016	1	Spring				
②92153	92153-7019	2	Bolt				



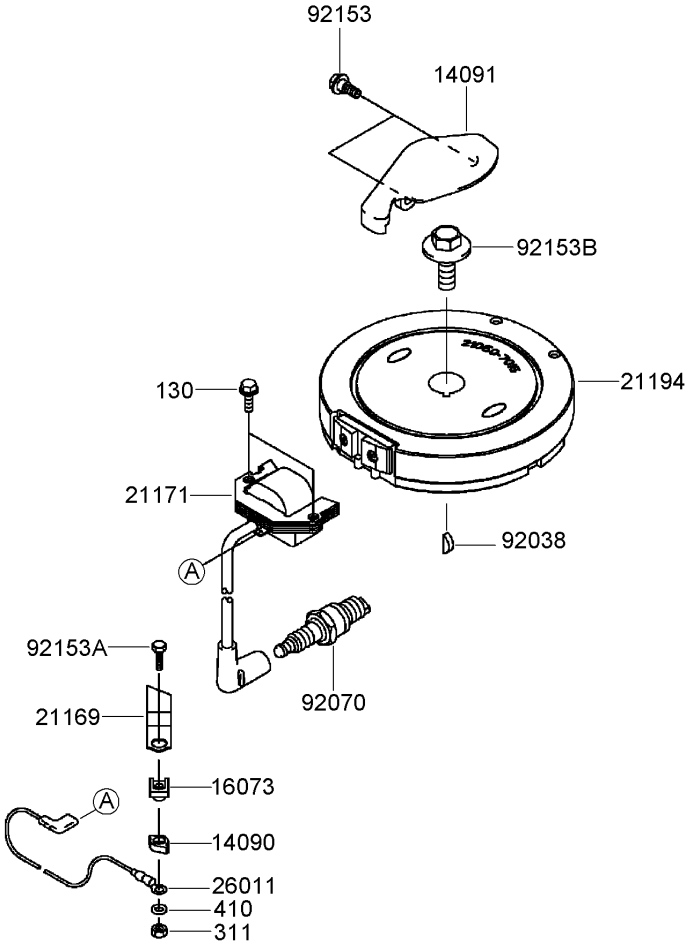
Lubrication Equipment Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description				
②14075	14075-7007	1	Cap ASM				
②14091	14091-7011	1	Cover, Oil Filter				
②16154	16154-7002	1	Rotor-Pump				
②59231	59231-7004	1	Filler				
②92055	92055-2151	1	O-Ring				
②92066	92066-7003	1	Plug				
②92151	92151-7012	2	Bolt (6X12)				
②92153	92153-7007	1	Bolt				
②92153A	92153-7043	1	Bolt (6X12)				
②92170	92170-1577	1	Clamp				
②670	670D2016	2	O-Ring (16Mm)				



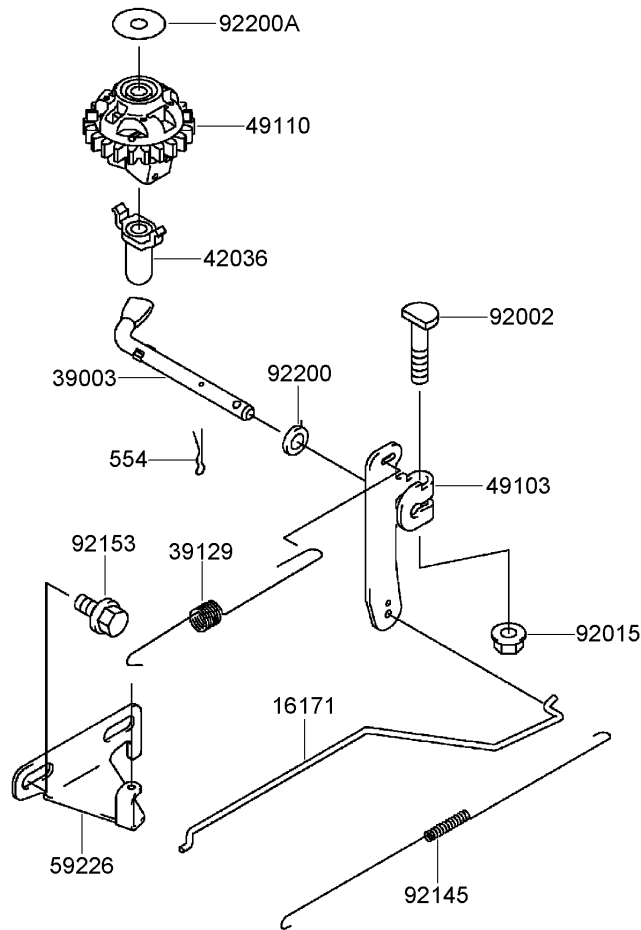
Cooling Equipment Assembly Kawasaki FJ180V-AS28

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)				



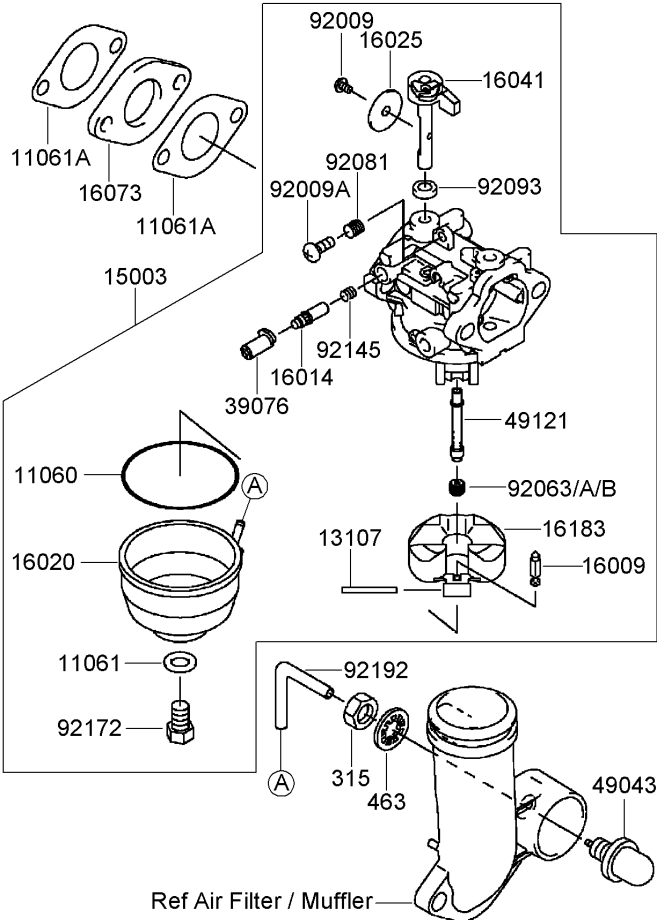
Electric Equipment Assembly
Kawasaki FJ180V-AS28

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-AS28

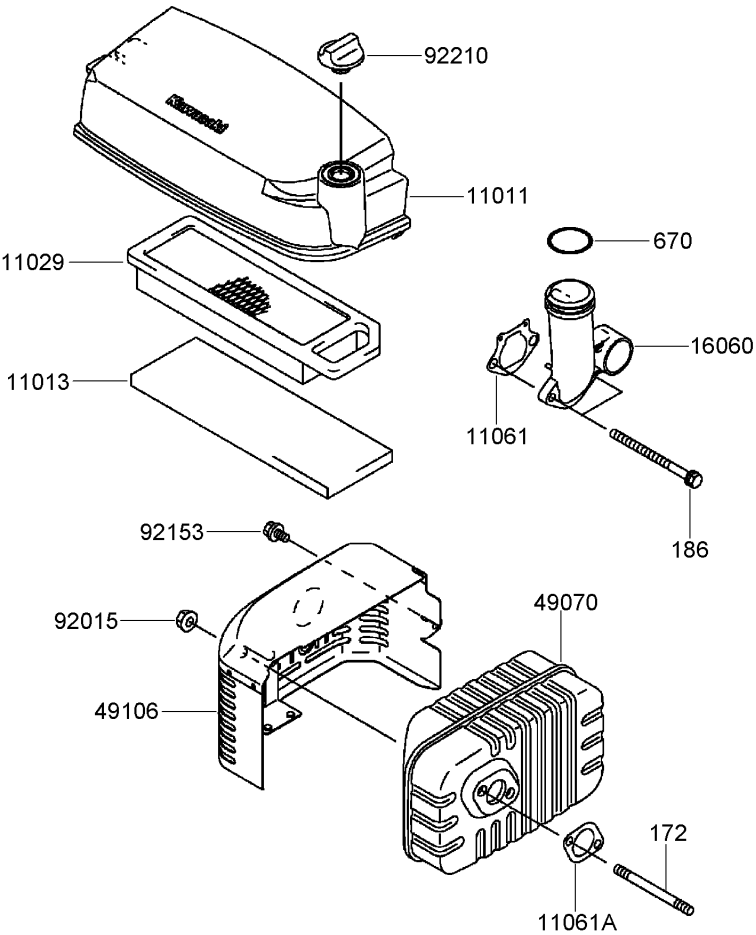
Ref	Part No.	Qty.	Description				
②16171	16171-7015	1	Link-Throttle				
②39003	39003-7002	1	Arm-Pivot				
②39129	39129-7007	1	Spring-Governor				
②42036	42036-2051	1	Sleeve				
②49103	49103-7005	1	Arm-Governor				
②49110	49110-7002	1	Governor ASM				
②59226	59226-7014	1	Panel-Control				
②92002	92002-2269	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-AS28

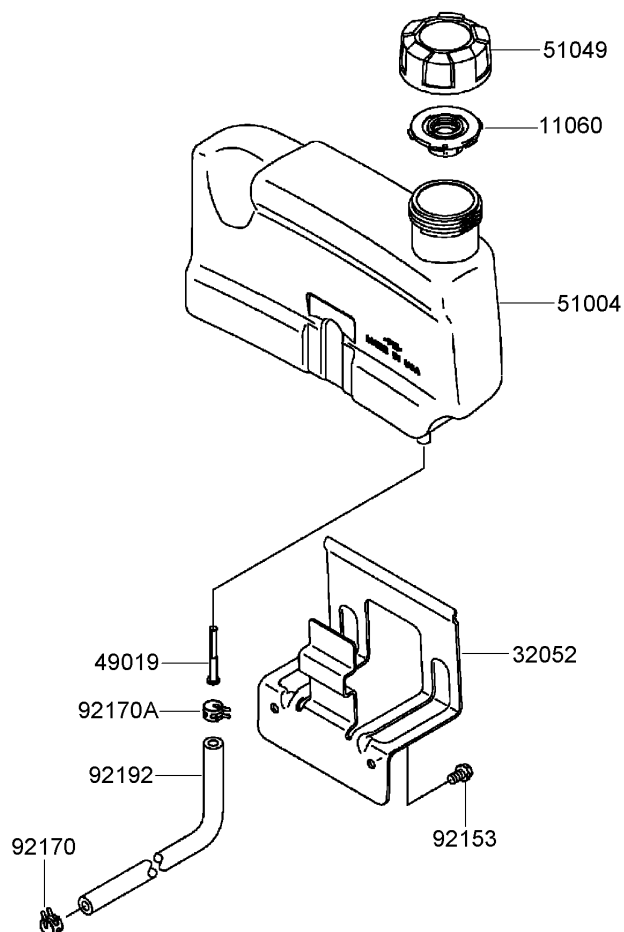
Ref	Part No.	Qty.	Description
②11060	11060-2190	1	Gasket
②11061	11061-7010	1	Gasket-Screw
②11061A	11061-7015	2	Gasket-Insulator
②13107	13107-7024	1	Shaft
②15003	15003-7133	1	Carburetor ASM
②16009	16009-2136	1	Needle-Jet
②16014	16014-7008	1	Screw-Air, Pilot
②16020	16020-7005	1	Chamber-Float
②16025	16025-7007	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
②92063A	92063-7049	1	Jet-Main, No. 74
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

Ref	Part No.	Qty.	Description
②92192	92192-7074	1	Tube (2.2X7.3X65)
②315	315B1000	1	Nut-Hex, Fine (10Mm)
②463	463H1000	1	Washer-Toothed (10Mm)



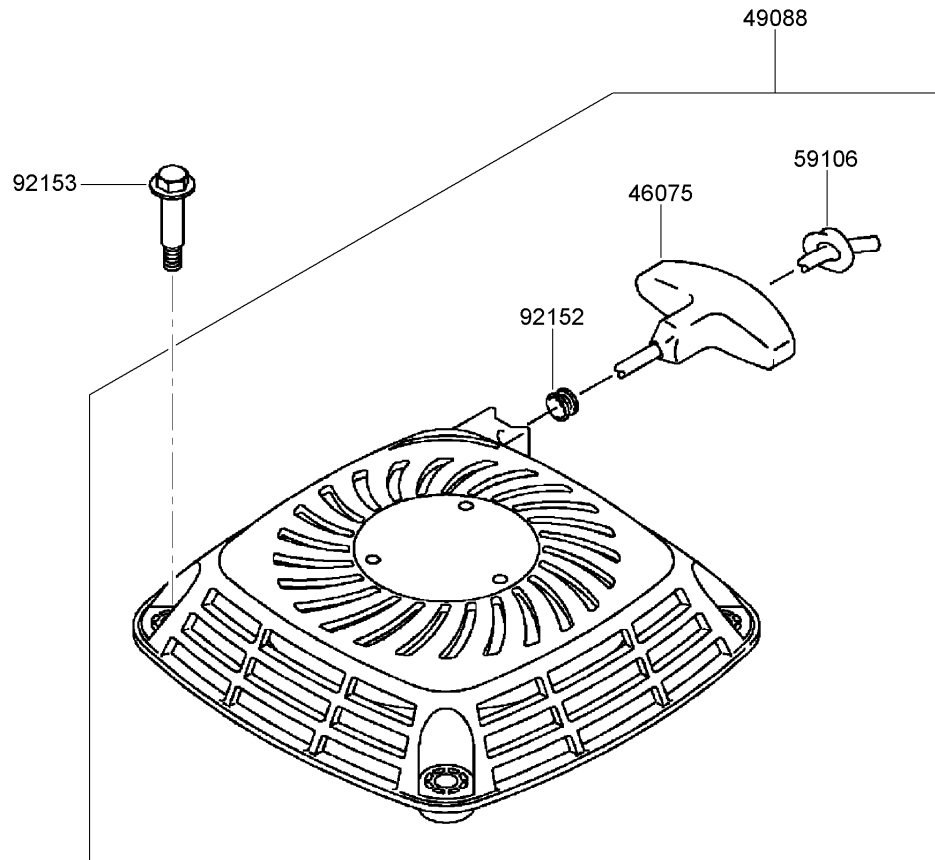
Air Filter and Muffler Assembly
Kawasaki FJ180V-AS28

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	49070-7022	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)				



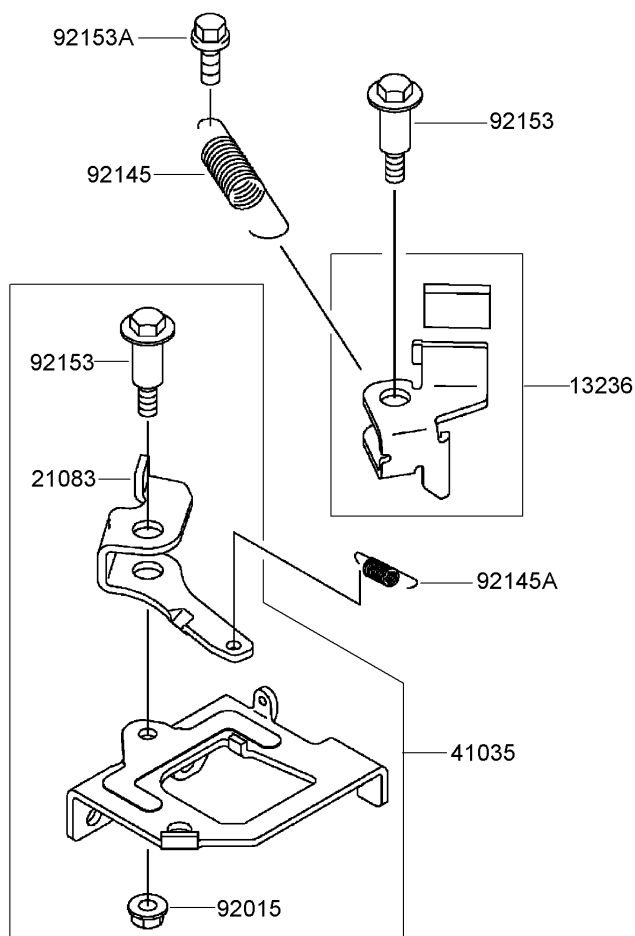
Fuel Tank and Fuel Valve Assembly Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description				
②11060	11060-2145	1	Gasket				
②32052	32052-7001	1	Bracket-Tank				
②49019	49019-7003	1	Filter-Fuel				
②51004	51004-7001	1	Tank-Fuel				
②51049	51049-7002	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-AS28

Ref	Part No.	Qty.	Description
②46075	46075-7002	1	Grip
②49088	49088-7023	1	Starter-Recoil
②59106	59106-7003	1	Rope (2200Mm)
②92152	92152-7011	1	Collar
②92153	92153-7021	4	Bolt (M6)



Brake and Cover Assembly Kawasaki FJ180V-AS28

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 22163 - PT21 Lawn Mower

Product Name	Model/Part
Rear Bag Kit	22159

NOTES

