Form Number 3359-601 Rev A

PT21 Lawn Mower

Model No. 22164 - 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.

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Part Description Abbreviations

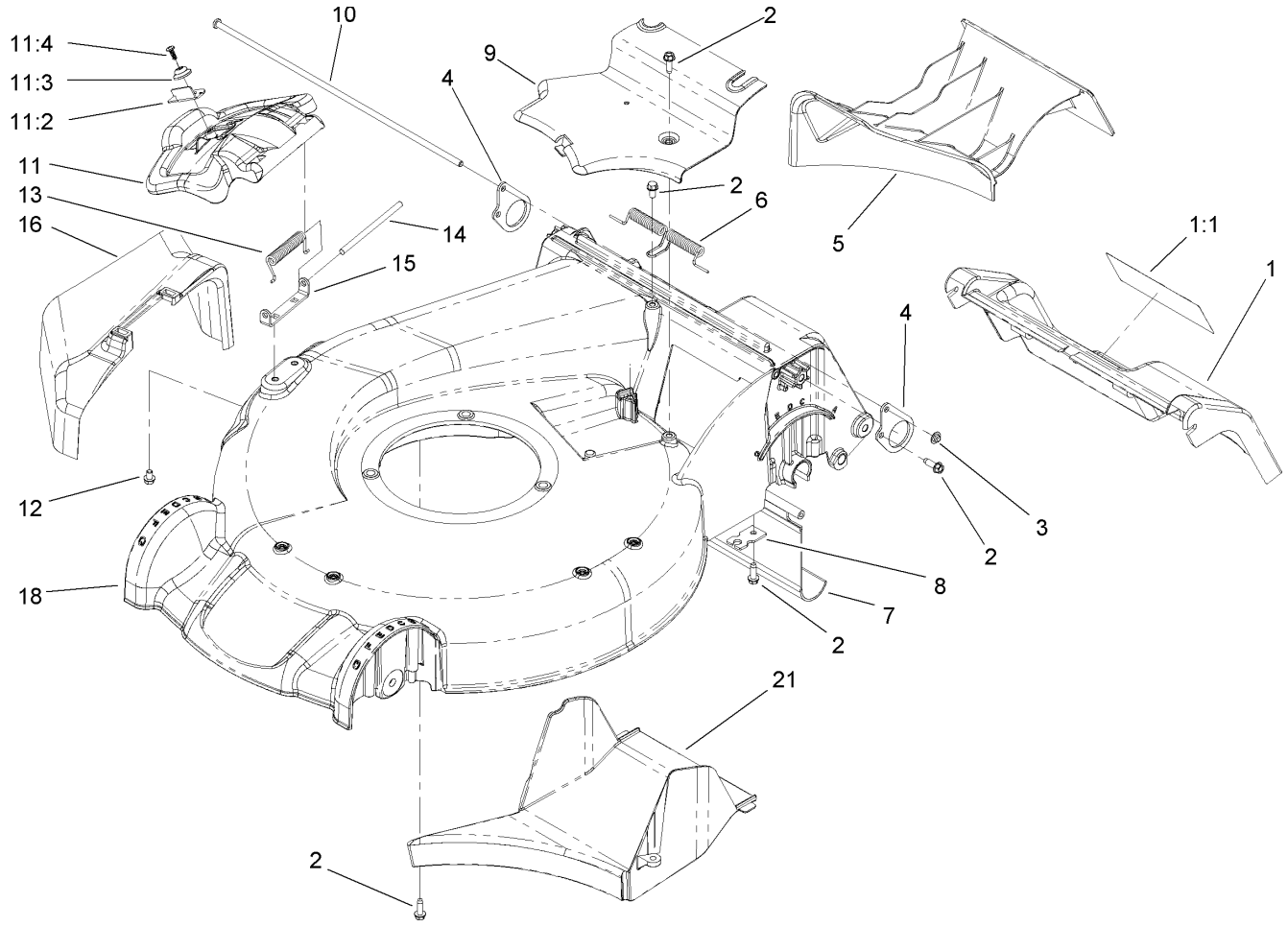
Part descriptions in this catalog may include the following abbreviations.

AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HD	heavy-duty
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
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
LH	left hand
NI	nylon insert
NPTF	national pipe thread fine
PFH	phillips flat head
PPH	phillips pan head
PPHTF	phillips pan head thread forming
PRH	phillips round head
PTH	phillips truss head
PTO	power-take-off
RH	right hand
ROPS	roll-over protection system
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

Footnotes

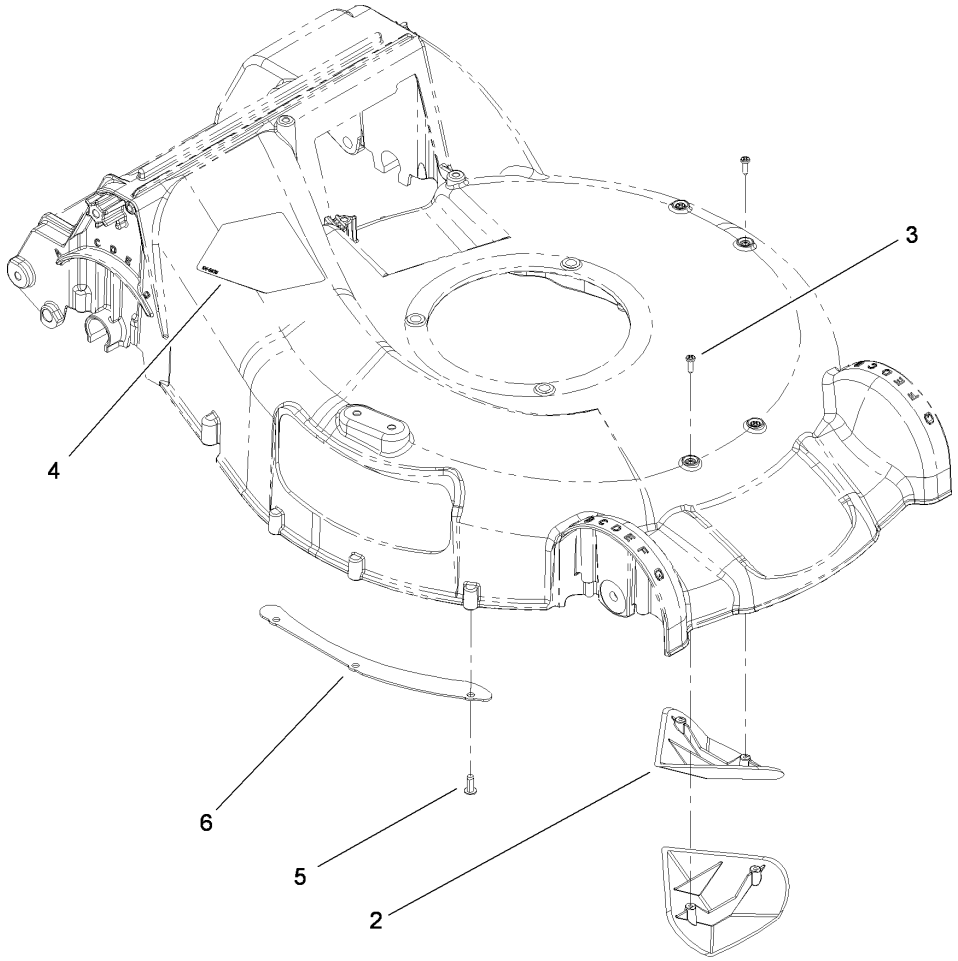
❶ Not serviced separately

❷ Obtain from your local Kawasaki dealer



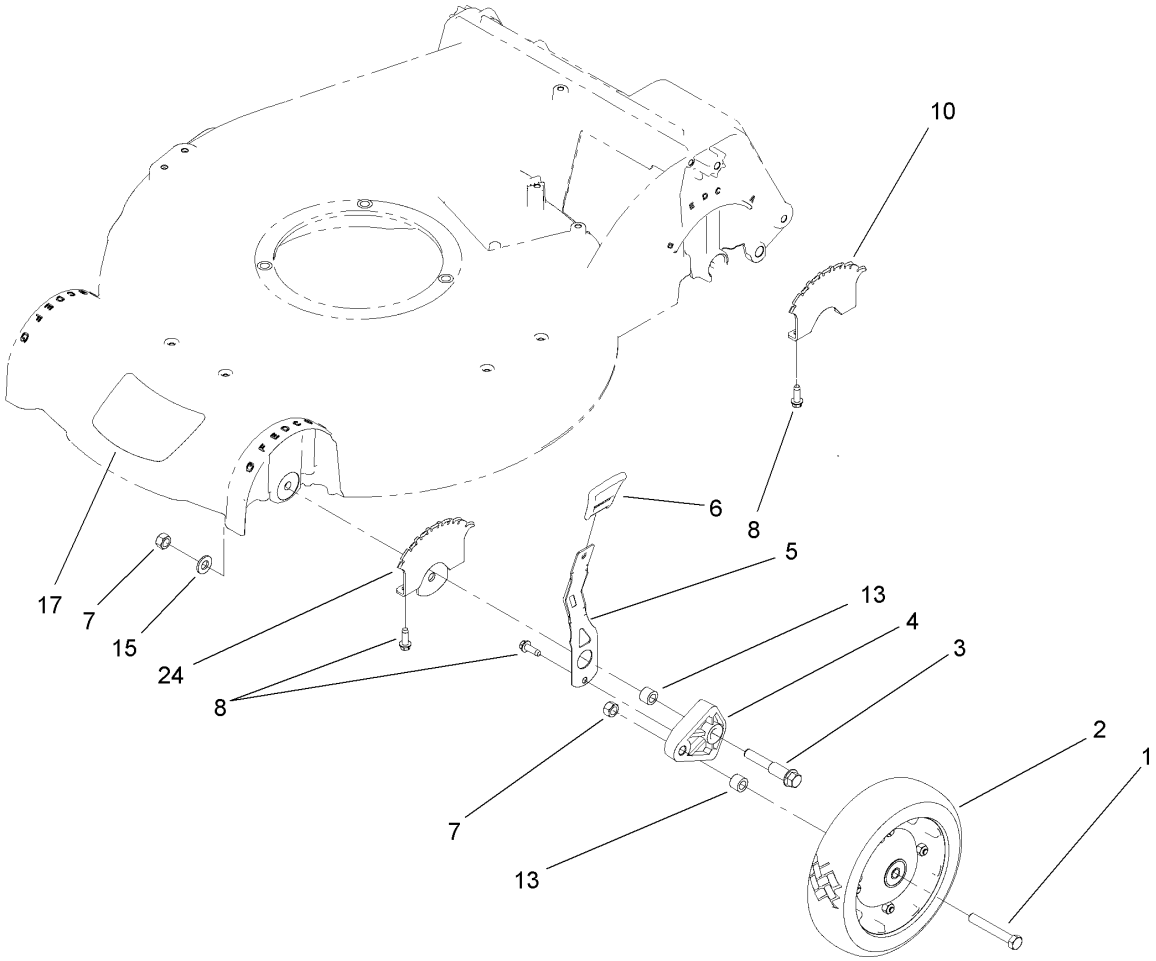
Housing Assembly

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



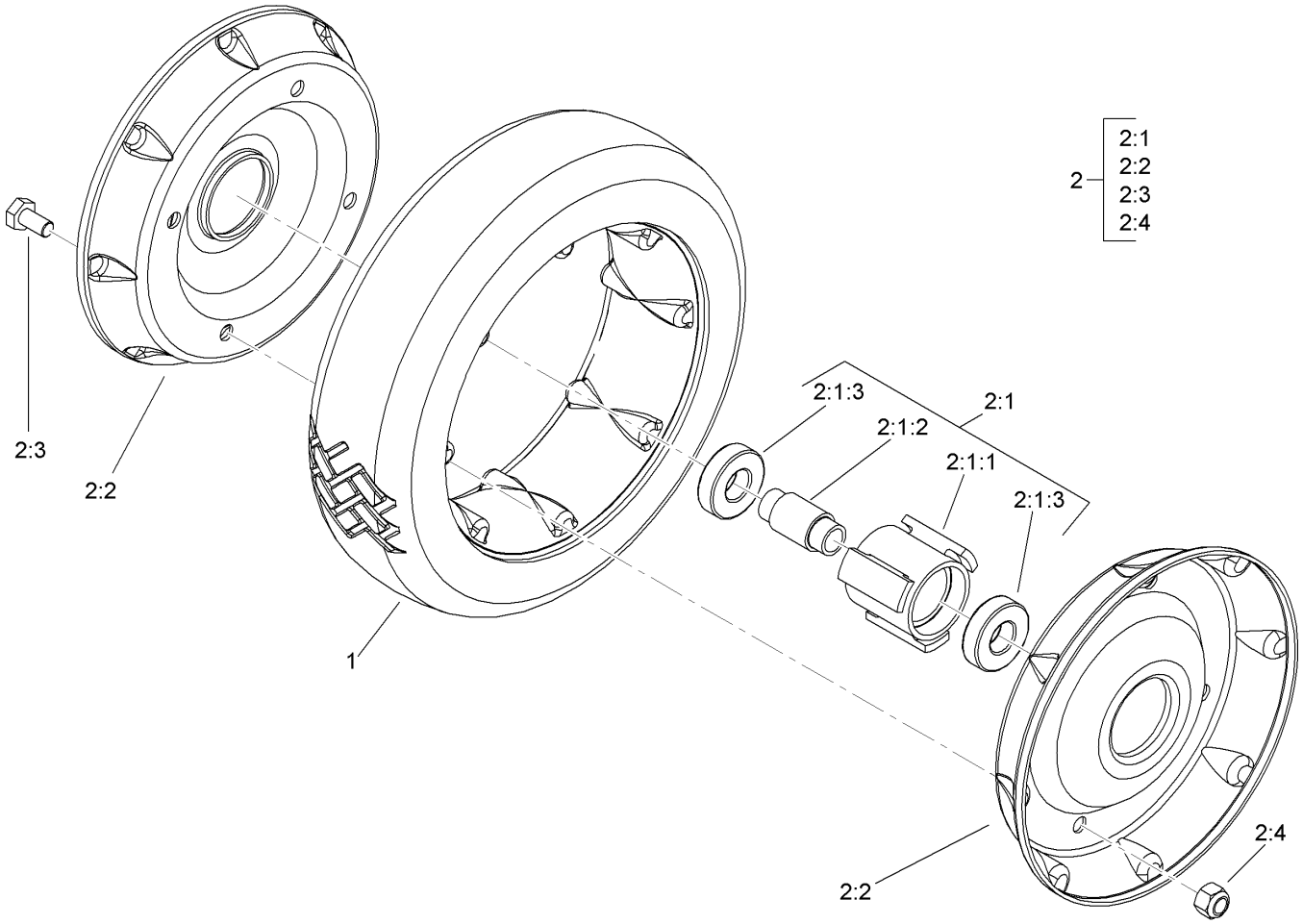
Housing Assembly No. 108-4750

Ref	Part No.	Qty.	Description
2	108-3798	2	Kicker-Housing
3	32144-111	4	Screw-PPH
4	112-8760	1	Decal-Danger
5	63-8590	3	Screw
6	105-1316-03	1	Sheet-Lip



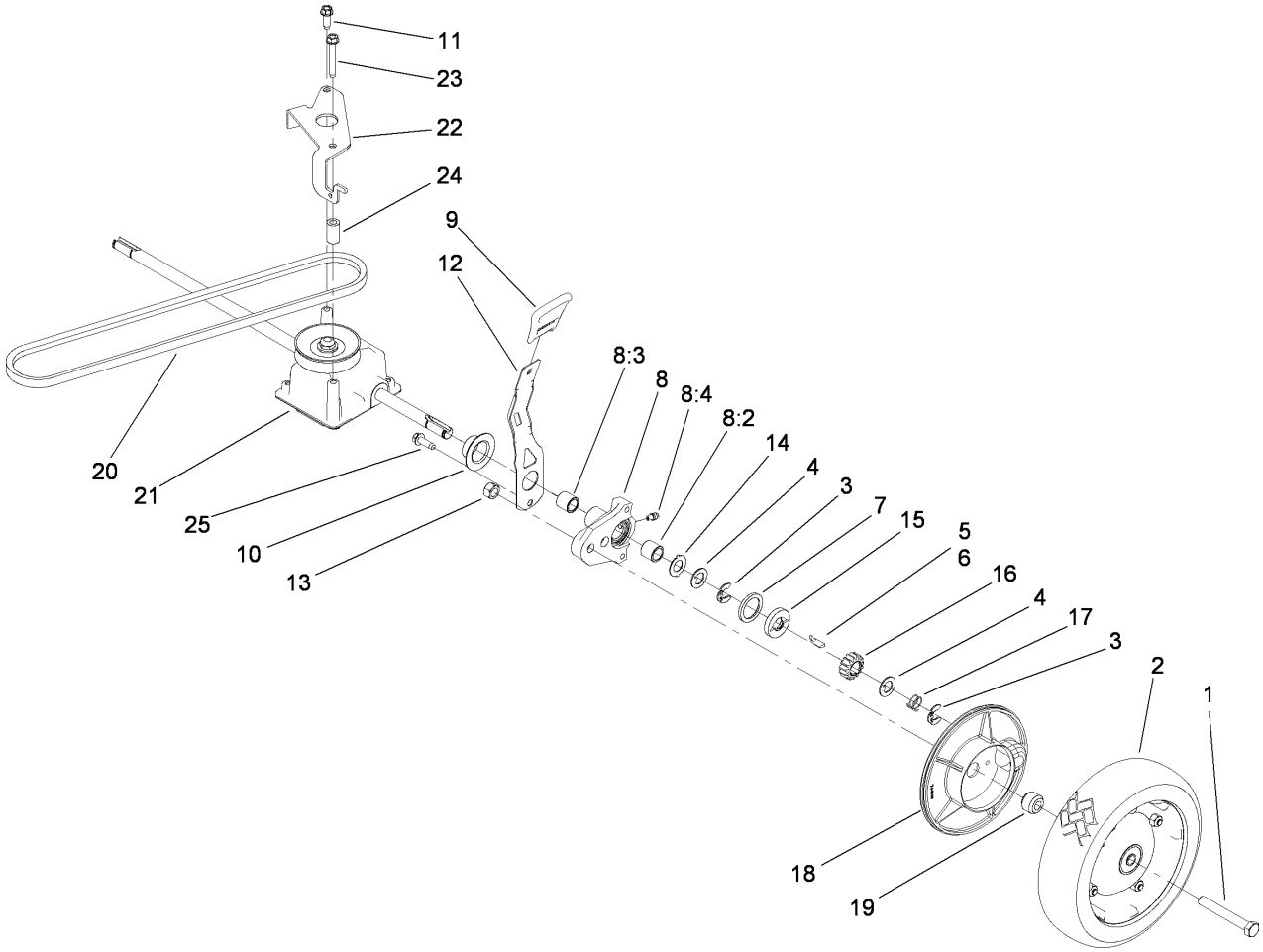
Height-of-Cut Assembly

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

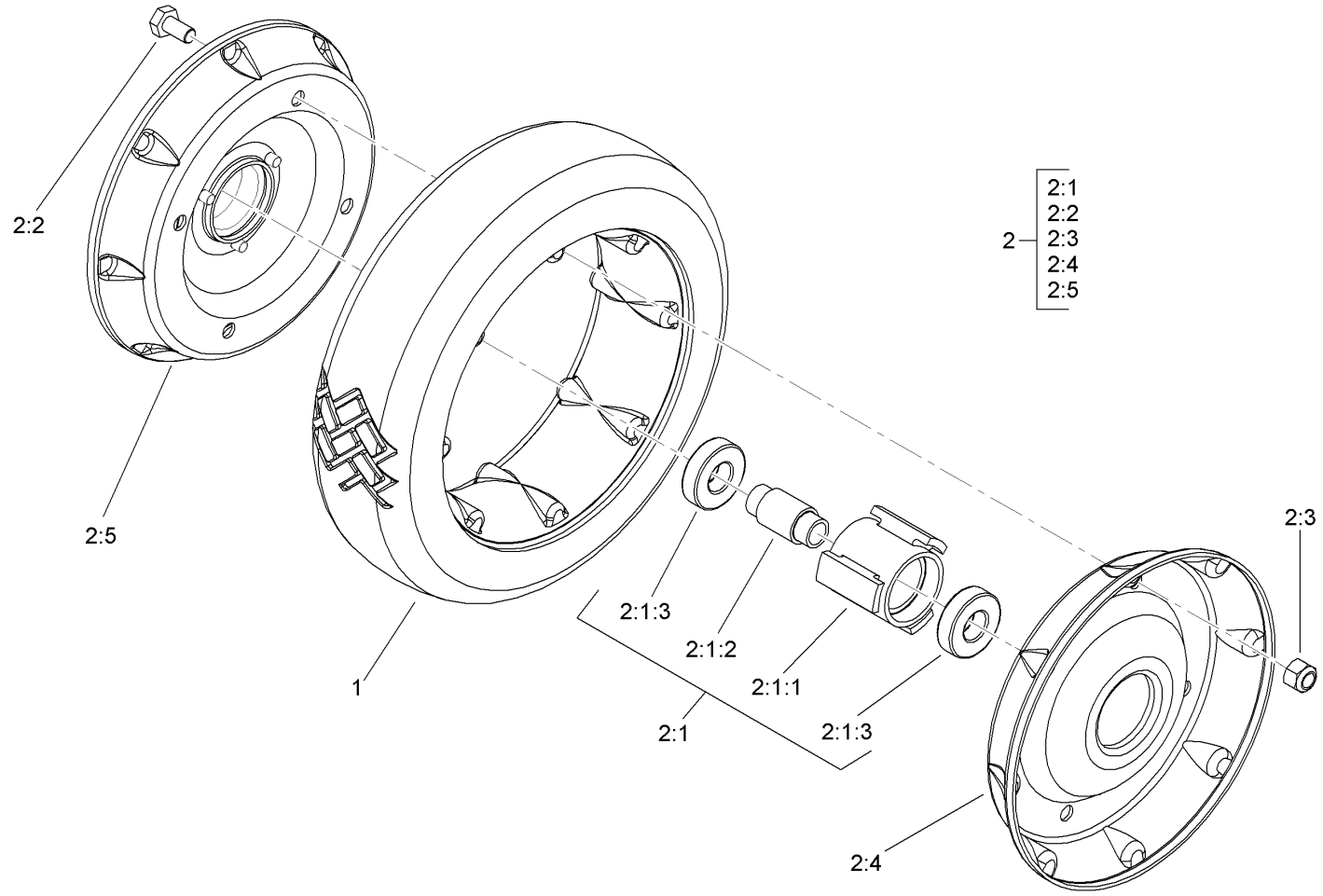
Ref	Part No.	Qty.	Description
1	53-7740	1	Tire
❶2		1	Wheel ASM
❶2:1		1	Hub And Bearing ASM
2:1:1	52-2410	1	Hub-Bearing
2:1:2	52-2440	1	Spacer-Bearing
2:1:3	52-2450	2	Bearing-Wheel
2:2	53-7780-06	2	Plate-Wheel, Half
2:3	321-2	4	Screw-HH
2:4	3296-42	4	Nut-Lock, NI



Transmission Assembly

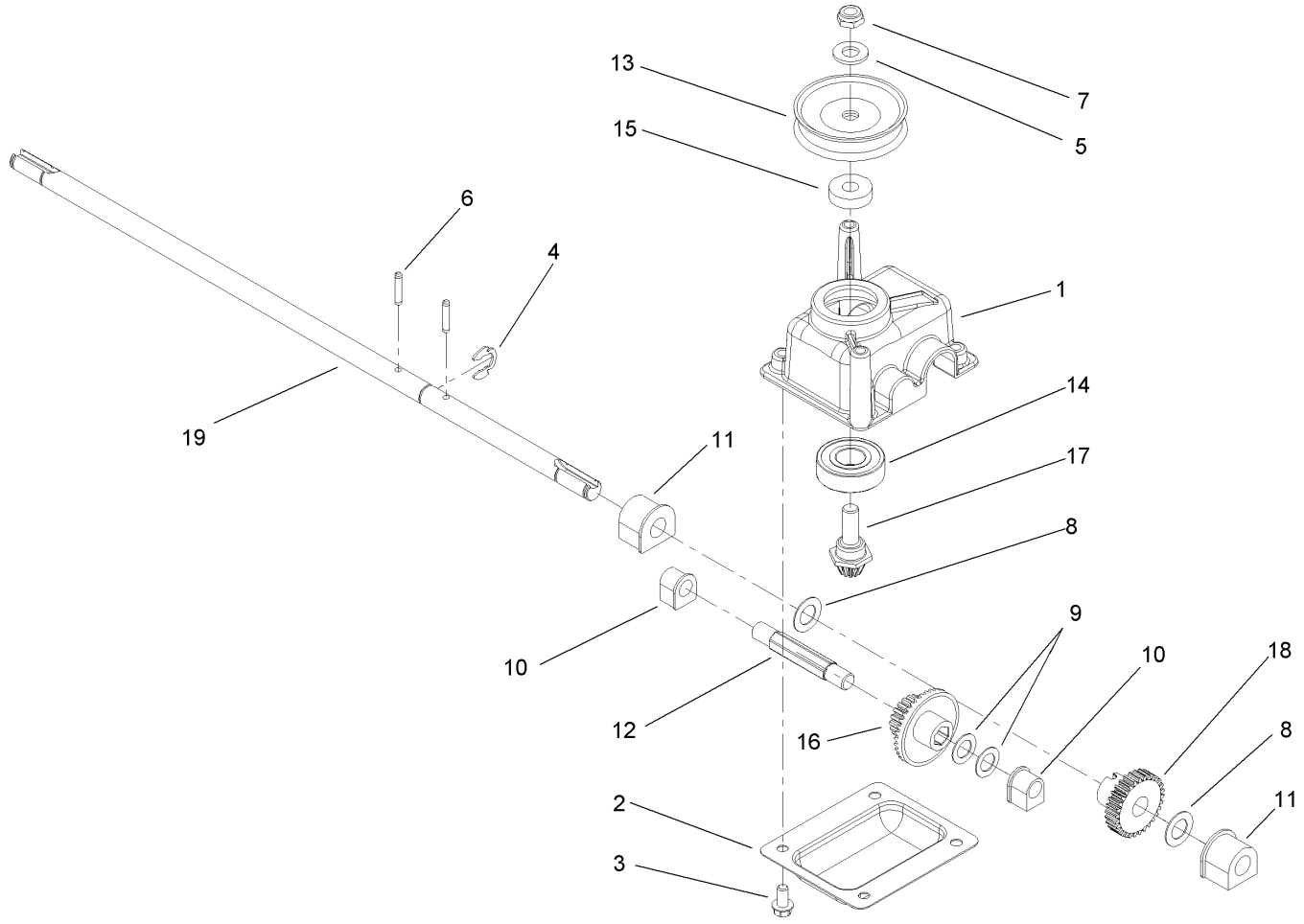
Ref	Part No.	Qty.	Description
1	323-13	2	Screw-HH
2	100-2860	2	Wheel And Tire ASM
3	65-2720	4	Ring-Clip, Locking
4	65-4740	4	Washer-Thrust, Keyed
5	66-6040	1	Key-Rocking, RH
6	66-6050	1	Key-Rocking, LH
7	65-4710	2	Ring-Friction
8	100-8774	2	Pivot Arm ASM
8:2	47-2900	1	Bushing
8:3	70-9760	1	Bushing
8:4	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



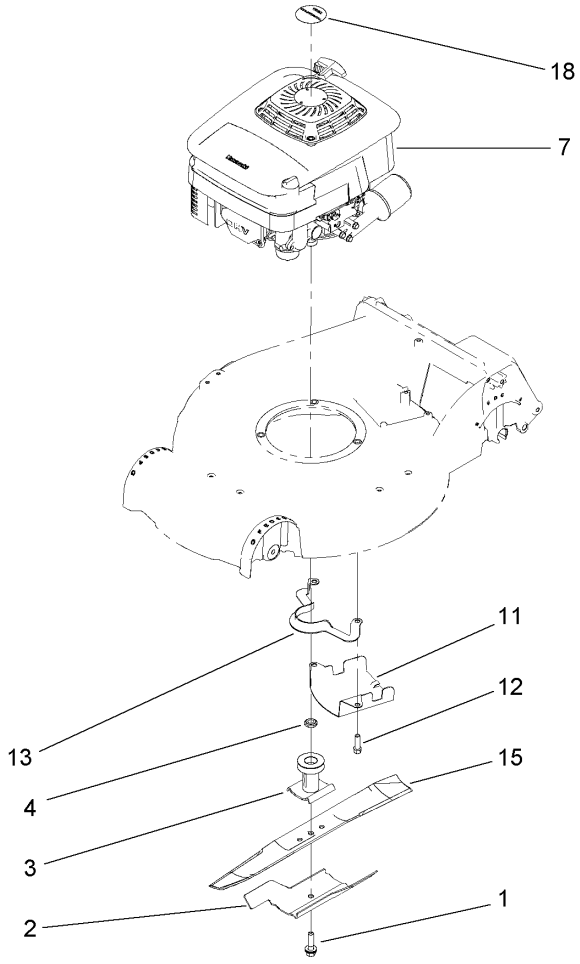
Rear Wheel Assembly No. 100-2860

Ref	Part No.	Qty.	Description
1	53-7740	1	Tire
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	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



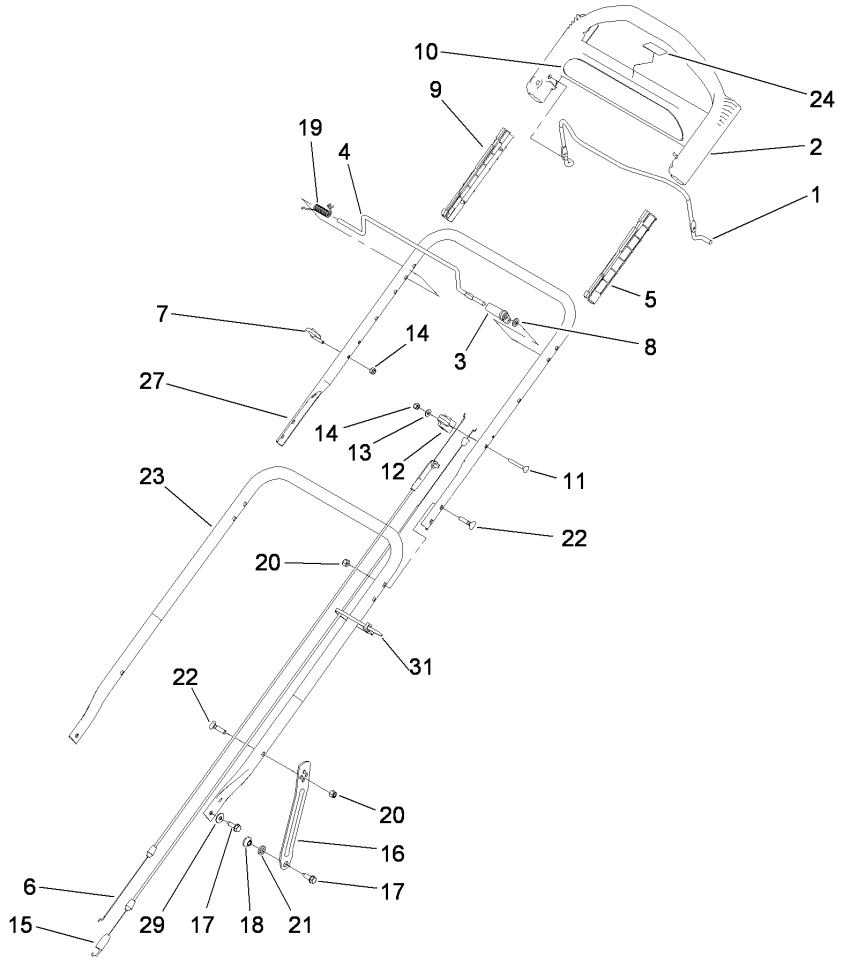
Gear Case Assembly No. 108-8140

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

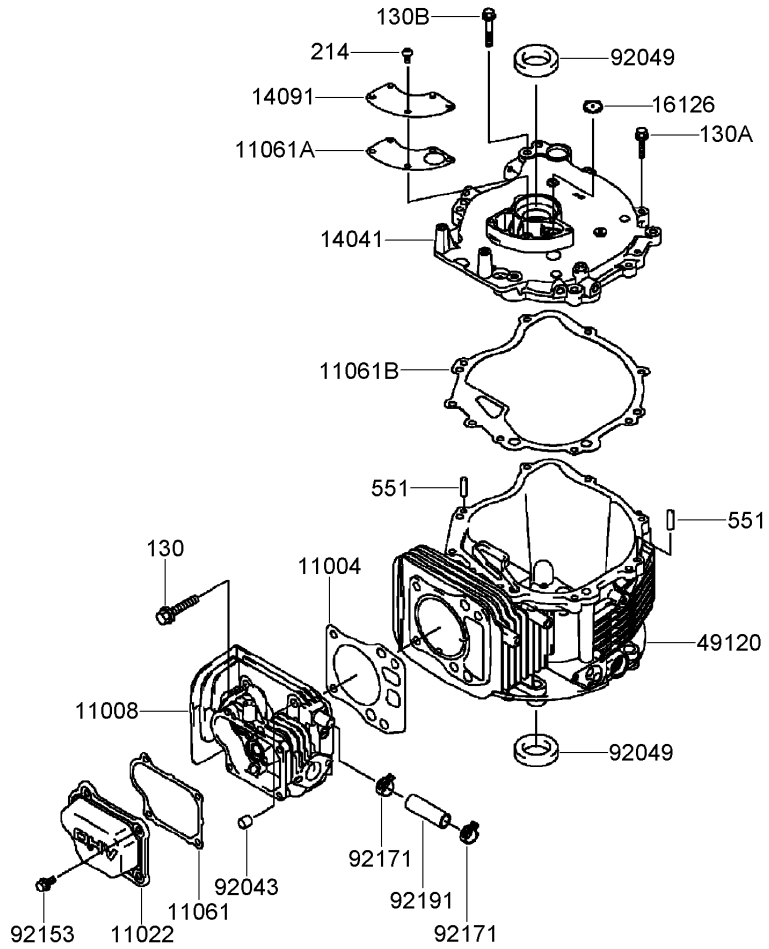
Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
2	105-6848-03	1	Accelerator-Blade
3	106-3987	1	Blade Driver ASM
4	106-3999	1	Spacer-Driver
7	112-9990	1	Engine-Kawasaki, Fj180V-As28
11	107-7489-03	1	Shield-Grass
12	95-1727	3	Screw-Taptite
13	108-8110-03	1	Guide-Belt
15	108-3762-03	1	Blade-Recycling
18	112-9966	1	Decal



Handle Assembly

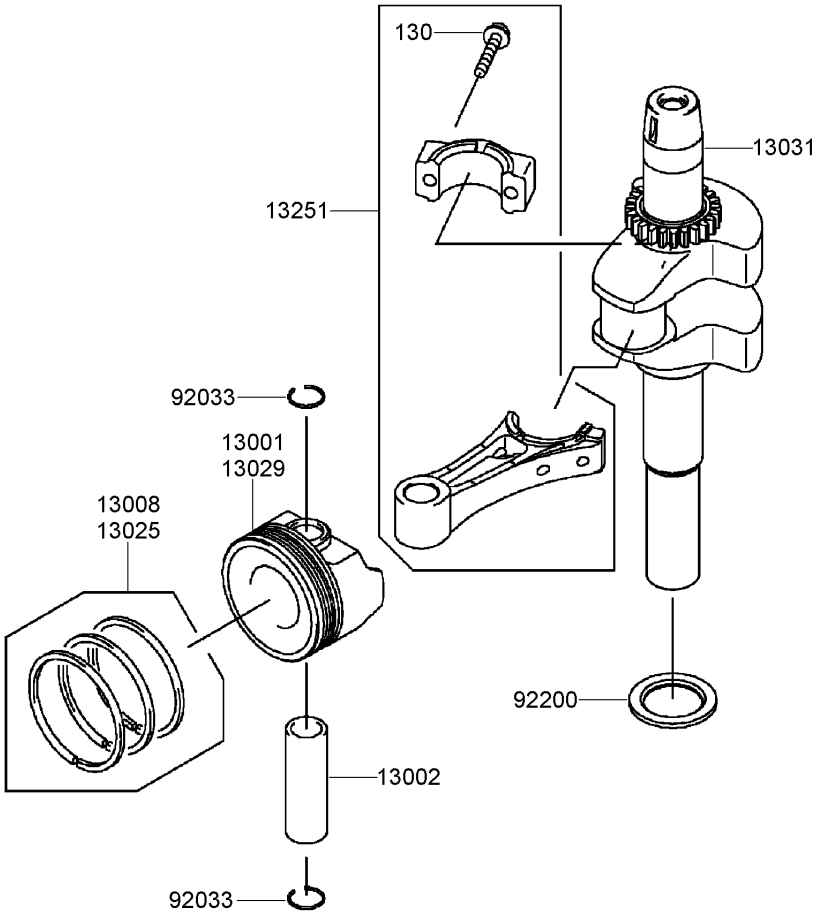
Ref	Part No.	Qty.	Description
1	104-8679-03	1	Bail-Brake
2	104-8678	1	Handle-Control
3	99-1589	1	Lever-Traction
4	99-1588	1	Bar-Control, Traction
5	105-6842	1	Guide-LH
6	106-5750	1	Cable-Brake
7	86-9671	1	Guide-Rope
8	3256-23	1	Washer-Flat
9	105-6841	1	Guide-RH
10	108-8134	1	Decal-Handle
11	95-4453	1	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

Ref	Part No.	Qty.	Description
27	110-4874-03	1	Handle-Upper
29	3290-456	2	Washer-Belleville
31	614249	2	Strap-Tie



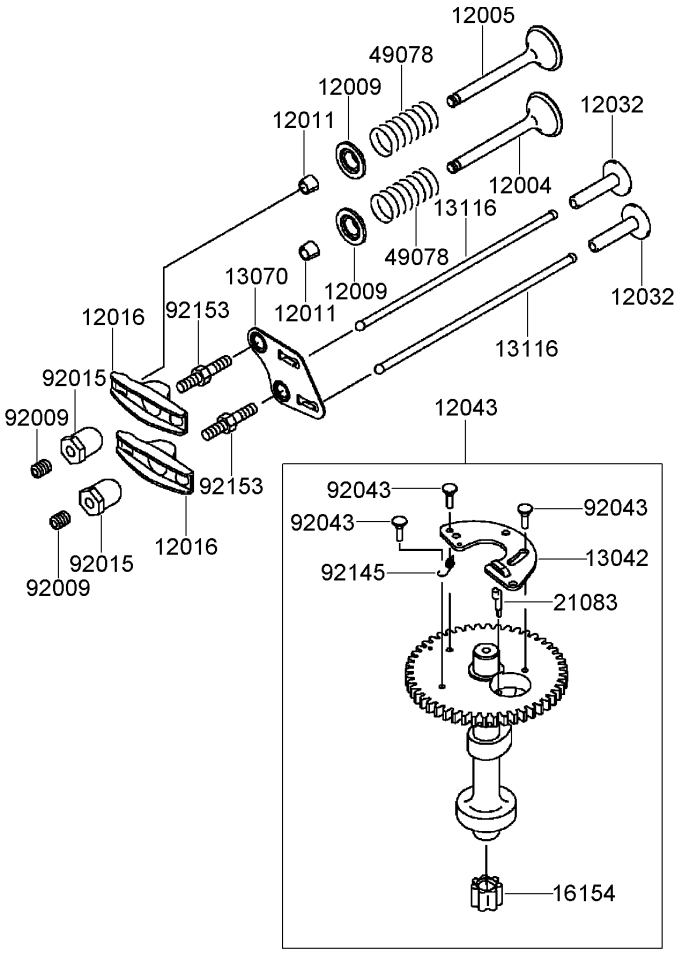
Cylinder and Crankcase Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷11004	11004-7020	1	Gasket-Head
❷11008	11008-7025	1	Head-Cylinder
❷11022	11022-7005	1	Case-Rocker
❷11061	11061-7023	1	Gasket-Case, Rocker
❷11061A	11061-7031	1	Gasket-Breather
❷11061B	11061-7060	1	Gasket-Cover, Crankcase
❷14041	14041-7009	1	Cover
❷14091	14091-7010	1	Cover-Breather
❷16126	16126-7014	1	Valve-Breather
❷49120	49120-7082	1	Crankcase
❷92043	92043-7001	2	Pin
❷92049	92049-7008	2	Seal-Oil (28-44-9 Tc)
❷92153	92153-7043	4	Bolt (6X12)
❷92171	92171-7024	2	Clamp
❷92191	92191-7025	1	Tube (12X16X49)
❷130	130CA0840	4	Bolt-Flanged (8X40)
❷130A	130G0625	7	Bolt-Flanged (6X25)
❷130B	130G0635	1	Bolt-Flanged (6X35)
❷214	214B0510	5	Screw-Pan (5X10)
❷551	551A0612	2	Pin-Dowel (6X12)



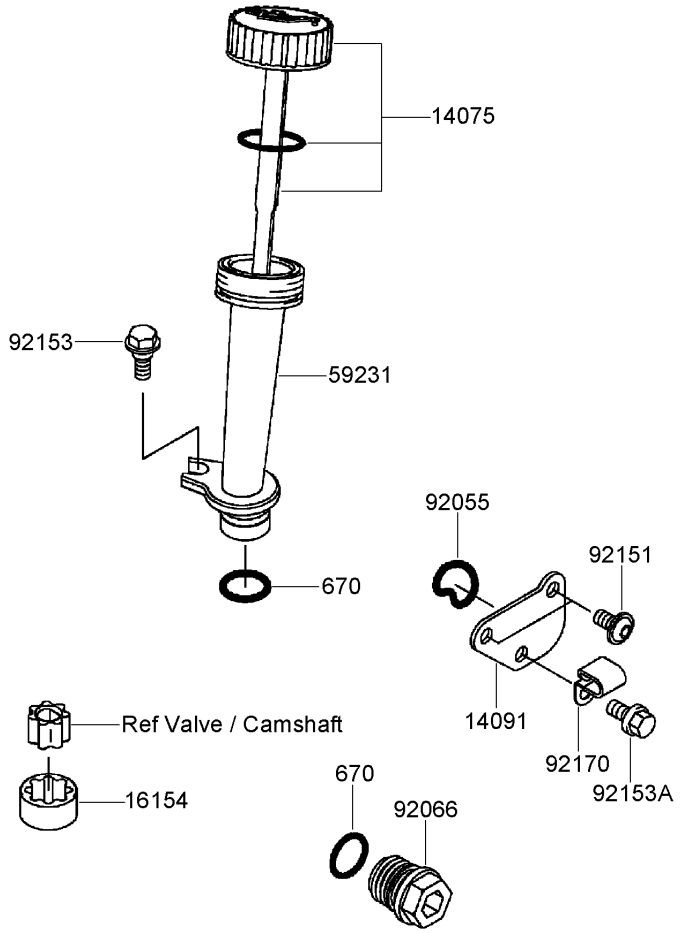
Piston and Crankshaft Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷13001	13001-7022	1	Piston-Engine
❷13002	13002-7001	1	Pin-Piston
❷13008	13008-7002	1	Piston Ring Set
❷13025	13025-7006	1	Piston Ring Set (L 0.50)
❷13029	13029-7005	1	Piston-Engine (L 0.50)
❷13031	13031-7078	1	Crankshaft
❷13251	13251-7011	1	Connecting Rod ASM
❷92033	92033-7002	2	Ring-Snap
❷92200	92200-7042	1	Washer (28X41.5X2.5)
❷130	130G0630	2	Bolt-Flanged (6X30)



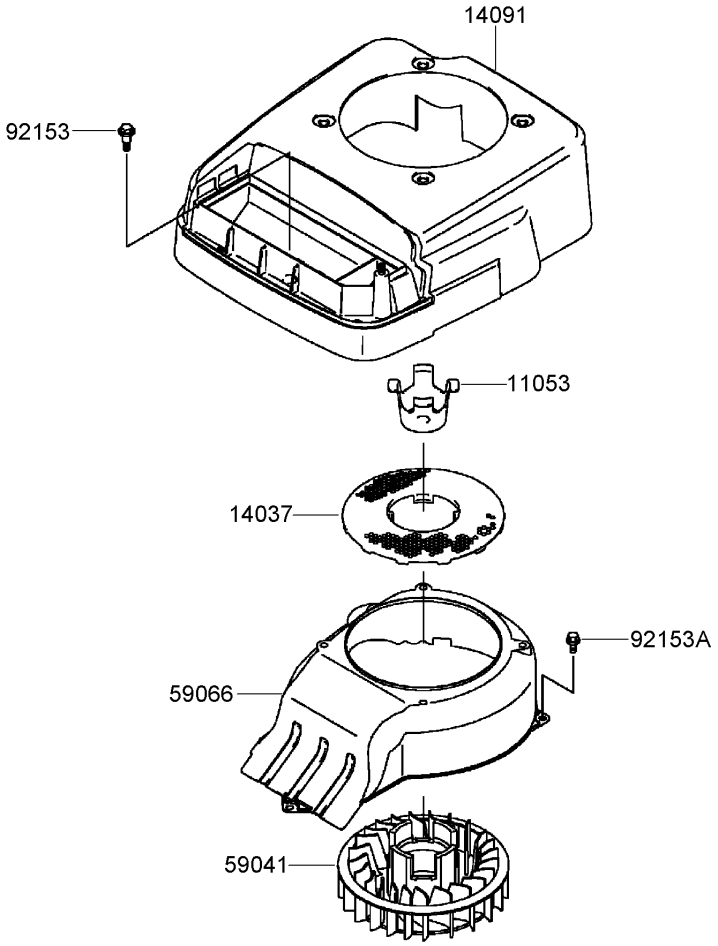
Valve and Camshaft Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷12004	12004-7005	1	Valve-Intake
❷12005	12005-7006	1	Valve-Exhaust
❷12009	12009-7001	2	Retainer-Spring, Valve
❷12011	12011-2056	4	Collet
❷12016	12016-7008	2	Arm-Rocker
❷12032	12032-7001	2	Tappet
❷12043	12043-7005	1	Camshaft Valve ASM
❷13042	13042-7006	1	Weight
❷13070	13070-7009	1	Guide
❷13116	13116-7003	2	Rod-Push
❷16154	16154-7004	1	Rotor-Pump
❷21083	21083-7009	1	Arm
❷49078	49078-7001	2	Spring-Valve, Engine
❷92009	92009-2341	2	Screw
❷92015	92015-2253	2	Nut
❷92043	92043-7006	3	Pin
❷92145	92145-7016	1	Spring
❷92153	92153-7019	2	Bolt



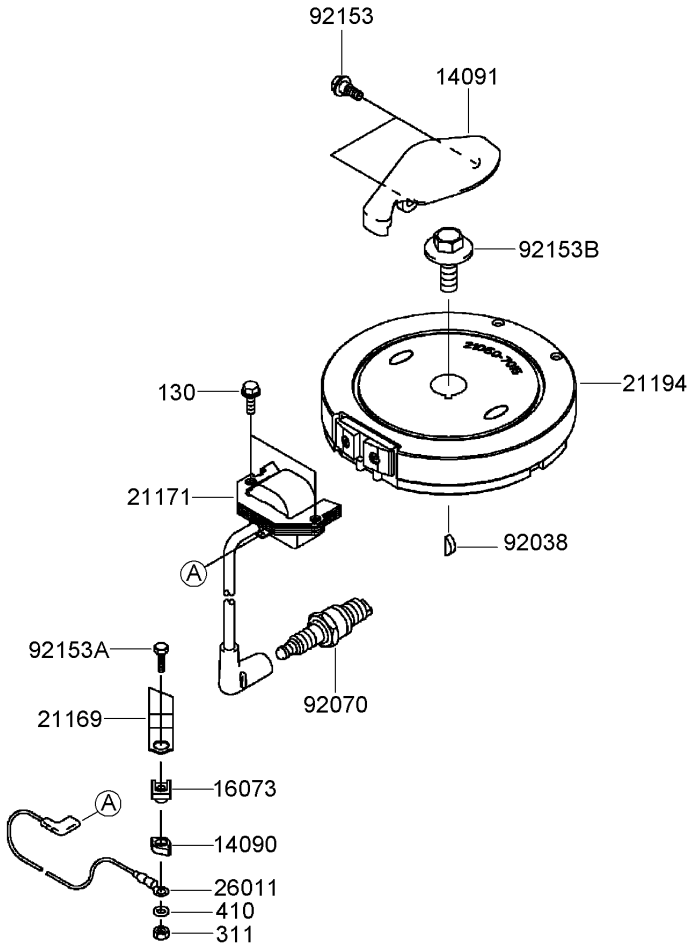
Lubrication Equipment Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷14075	14075-7007	1	Cap ASM
❷14091	14091-7011	1	Cover, Oil Filter
❷16154	16154-7002	1	Rotor-Pump
❷59231	59231-7004	1	Filler
❷92055	92055-2151	1	O-Ring
❷92066	92066-7003	1	Plug
❷92151	92151-7012	2	Bolt (6X12)
❷92153	92153-7007	1	Bolt
❷92153A	92153-7043	1	Bolt (6X12)
❷92170	92170-1577	1	Clamp
❷670	670D2016	2	O-Ring (16Mm)



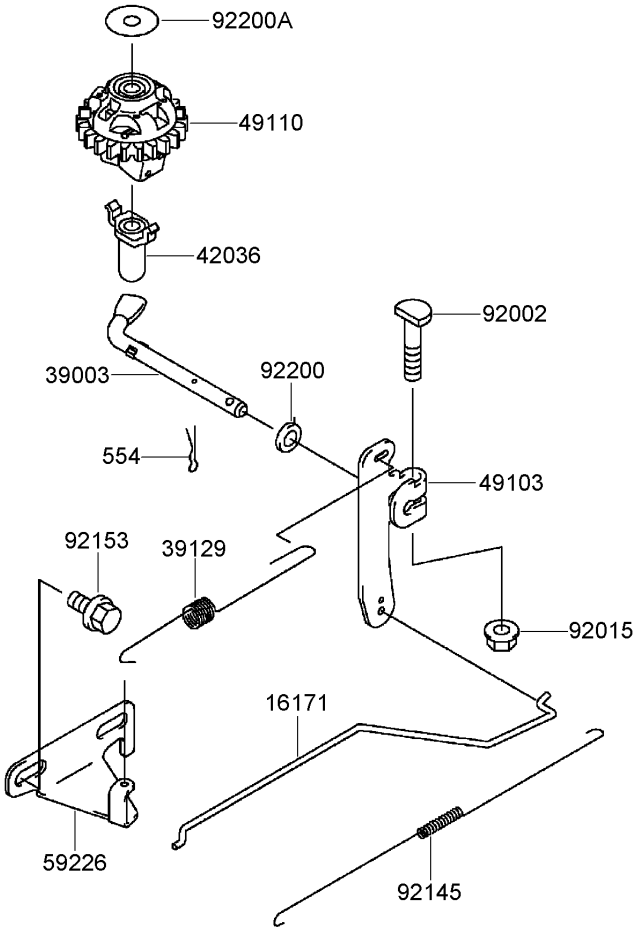
Cooling Equipment Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷11053	11053-7009	1	Bracket-Fan
❷14037	14037-7017	1	Screen
❷14091	14091-7046	1	Cover
❷59041	59041-7009	1	Fan
❷59066	59066-7016	1	Housing-Fan
❷92153	92153-7008	1	Bolt
❷92153A	92153-7043	1	Bolt (6X12)



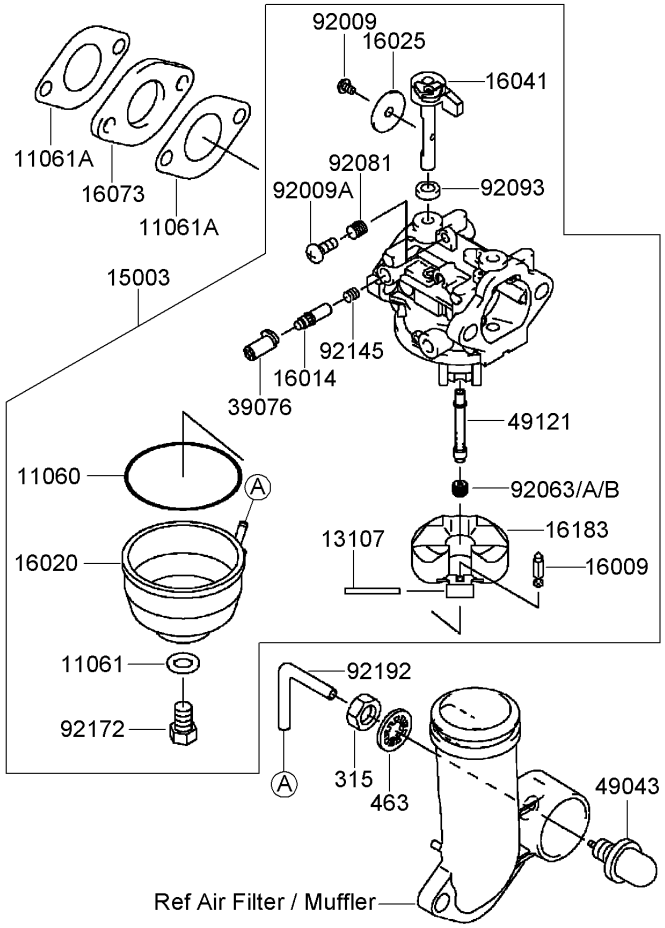
Electric Equipment Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷14090	14090-2108	1	Cover
❷14091	14091-7036	1	Cover
❷16073	16073-2192	1	Insulator
❷21169	21169-2071	1	Terminal
❷21171	21171-7030	1	Ignition Coil ASM
❷21194	21194-7024	1	Flywheel
❷26011	26011-7013	1	Wire-Lead
❷92038	92038-2077	1	Key
❷92070	92070-2088	1	Spark Plug, B P R 5E S (N G K) Solid
❷92153	92153-7007	2	Bolt
❷92153A	92153-7012	1	Bolt (4X16)
❷92153B	92153-7030	1	Bolt (12X30)
❷130	130B0620	2	Bolt-Flanged (6X20)
❷311	311B0400	1	Nut-Hex (4Mm)
❷410	410B0400	1	Washer-Plain, S (4Mm)



Control Equipment Assembly
Kawasaki FJ180V-AS28

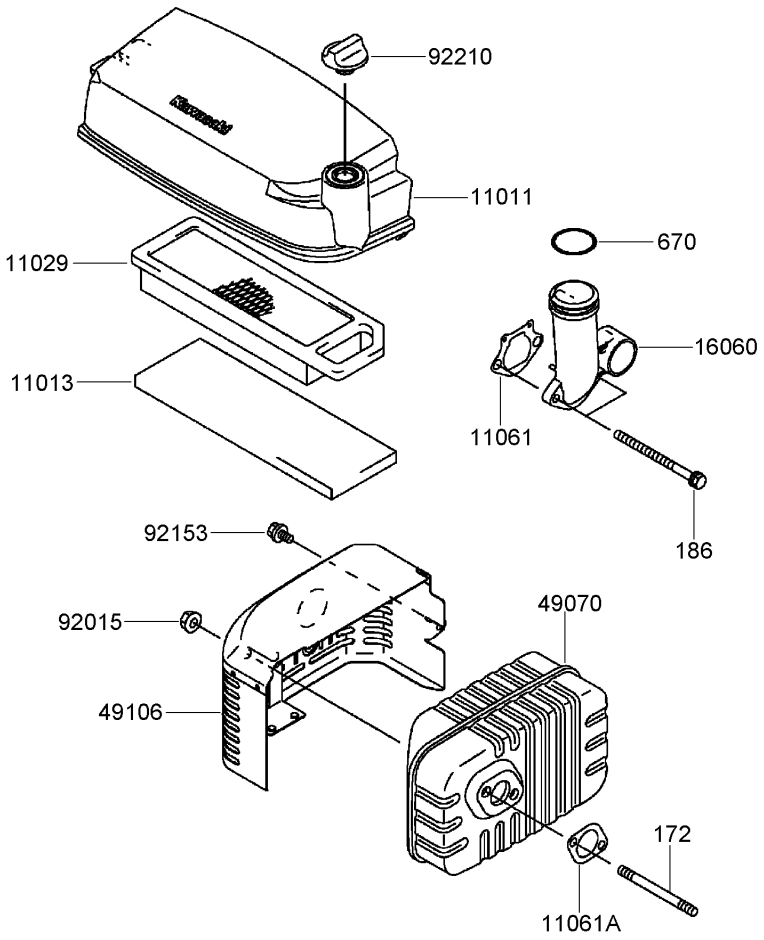
Ref	Part No.	Qty.	Description
❷16171	16171-7015	1	Link-Throttle
❷39003	39003-7002	1	Arm-Pivot
❷39129	39129-7007	1	Spring-Governor
❷42036	42036-2051	1	Sleeve
❷49103	49103-7005	1	Arm-Governor
❷49110	49110-7002	1	Governor ASM
❷59226	59226-7014	1	Panel-Control
❷92002	92002-2269	1	Bolt (6X28)
❷92015	92015-1193	1	Nut
❷92145	92145-7025	1	Spring-Throttle
❷92153	92153-7043	2	Bolt (6X12)
❷92200	92200-2029	1	Washer (6.5X11.5X2.0)
❷92200A	92200-2036	1	Washer (6.2X20X0.5)
❷554	554A0600	1	Pin-Snap (1.2X21.2)



Carburetor Assembly
Kawasaki FJ180V-AS28

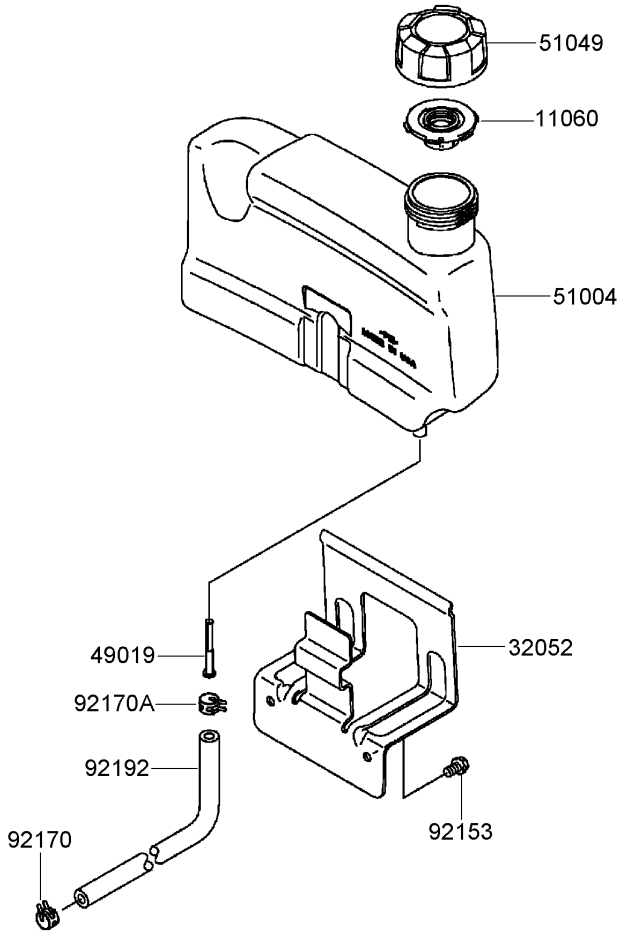
Ref	Part No.	Qty.	Description
❷11060	11060-2190	1	Gasket
❷11061	11061-7010	1	Gasket-Screw
❷11061A	11061-7015	2	Gasket-Insulator
❷13107	13107-7024	1	Shaft
❷15003	15003-7133	1	Carburetor ASM
❷16009	16009-2136	1	Needle-Jet
❷16014	16014-7008	1	Screw-Air, Pilot
❷16020	16020-7005	1	Chamber-Float
❷16025	16025-7007	1	Valve-Throttle
❷16041	16041-7019	1	Shaft-Carburetor
❷16073	16073-7006	1	Insulator
❷16183	16183-2002	1	Float ASM
❷39076	39076-7001	1	Limiter
❷49043	49043-7002	1	Pump-Priming
❷49121	49121-7012	1	Nozzle-Main
❷92009	92009-2083	1	Screw
❷92009A	92009-2349	1	Screw
❷92063	92063-7048	1	Jet-Main, No. 76
❷92063A	92063-7049	1	Jet-Main, No. 74
❷92063B	92063-7061	1	Jet-Main, No. 78
❷92081	92081-2234	1	Spring
❷92093	92093-2100	1	Seal
❷92145	92145-7015	1	Spring
❷92172	92172-7023	1	Screw

Ref	Part No.	Qty.	Description
❷92192	92192-7074	1	Tube (2.2X7.3X65)
❷315	315B1000	1	Nut-Hex, Fine (10Mm)
❷463	463H1000	1	Washer-Toothed (10Mm)



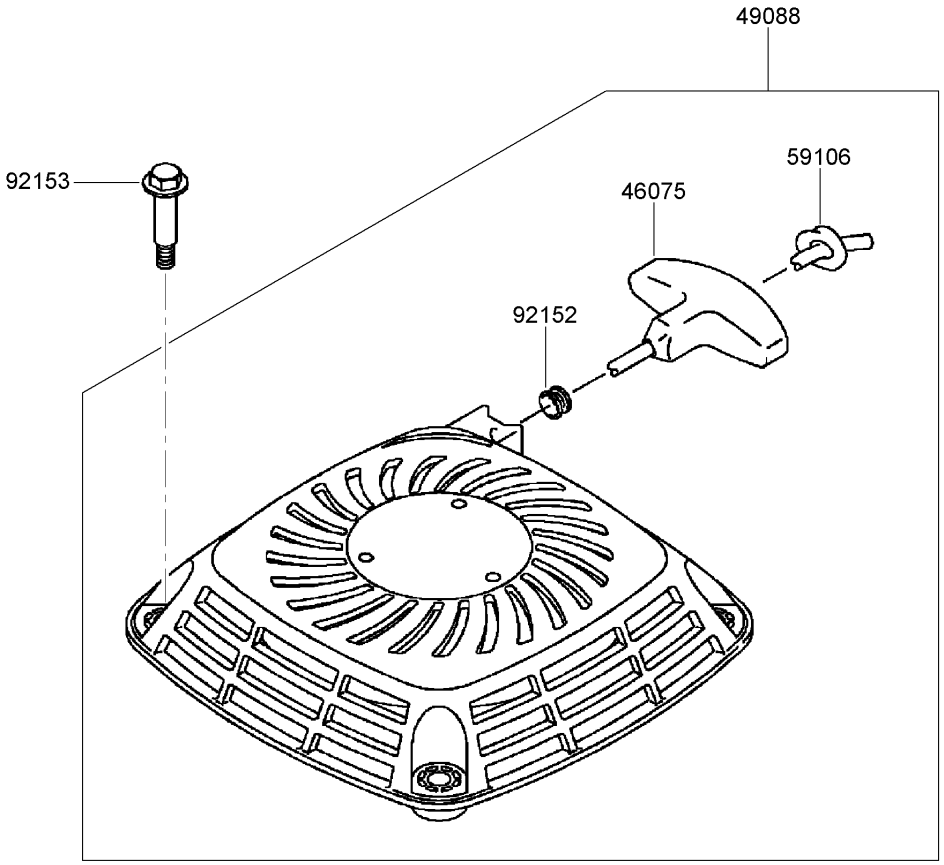
Air Filter and Muffler Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷11011	11011-7028	1	Case-Filter, Air
❷11013	11013-7032	1	Element-Filter, Air
❷11029	11029-7021	1	Air Filter Element ASM
❷11061	11061-7012	1	Gasket-Pipe, Intake
❷11061A	11061-7029	1	Gasket-Muffler
❷16060	16060-7012	1	Pipe-Intake
❷49070	49070-7022	1	Muffler
❷49106	49106-7019	1	Cover-Muffler
❷92015	92015-1193	2	Nut
❷92153	92153-7023	1	Bolt (6X10)
❷92210	92210-7019	1	Nut
❷172	172G0680	2	Bolt-Stud (6X80)
❷186	186B0680	2	Bolt-Upset, Wp (6X80)
❷670	670B3032	1	O-Ring (32Mm)



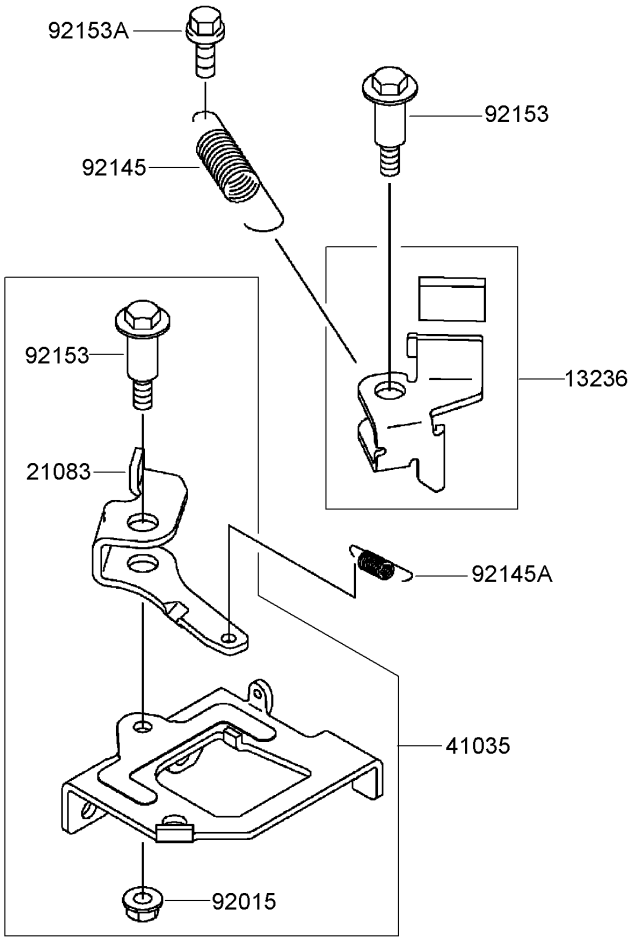
Fuel Tank and Fuel Valve Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷11060	11060-2145	1	Gasket
❷32052	32052-7001	1	Bracket-Tank
❷49019	49019-7003	1	Filter-Fuel
❷51004	51004-7001	1	Tank-Fuel
❷51049	51049-7002	1	Cap-Tank
❷92153	92153-7023	2	Bolt (6X10)
❷92170	92170-2009	1	Clamp
❷92170A	92170-2088	1	Clamp
❷92192	92192-7033	1	Tube (6.35X12.7X330)



Starter Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷46075	46075-7002	1	Grip
❷49088	49088-7023	1	Starter-Recoil
❷59106	59106-7003	1	Rope (2200Mm)
❷92152	92152-7011	1	Collar
❷92153	92153-7021	4	Bolt (M6)



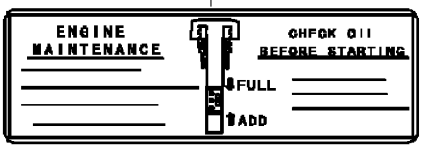
Brake and Cover Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷13236	13236-7008	1	Lever
❷21083	21083-7016	1	Arm
❷41035	41035-7005	1	Brake Panel ASM
❷92015	92015-1193	1	Nut
❷92145	92145-7023	1	Spring
❷92145A	92145-7032	1	Spring
❷92153	92153-7020	2	Bolt
❷92153A	92153-7023	1	Bolt (6X10)

56070



56033



Decal Assembly
Kawasaki FJ180V-AS28

Ref	Part No.	Qty.	Description
❷56033	56033-7003	1	Label-Manual
❷56070	56070-7001	1	Label-Warning

Attachments and Accessories

For 22164 - PT21 Lawn Mower

Product Name	Model/Part
Rear Bag Kit	22159

NOTES

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