



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

Model No. 22191 - 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

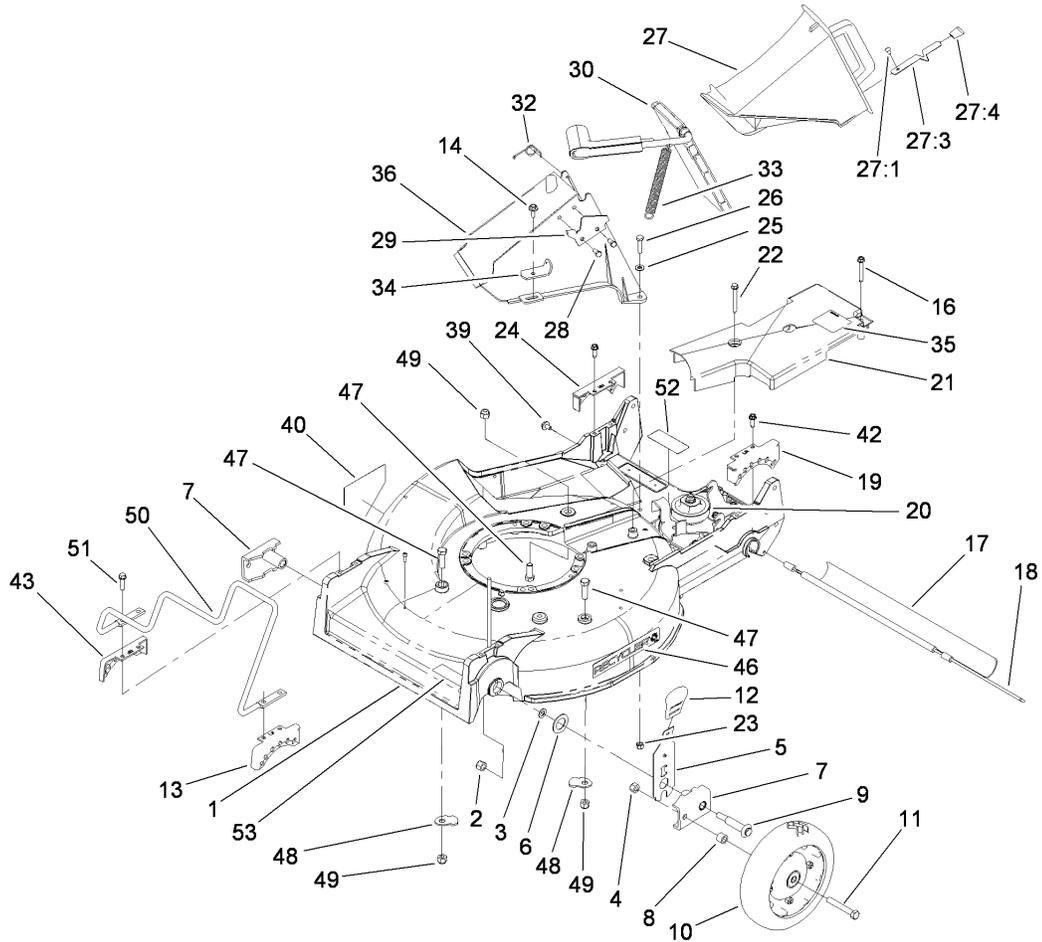
Part descriptions in this catalog may include the following abbreviations.

AR. as required	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

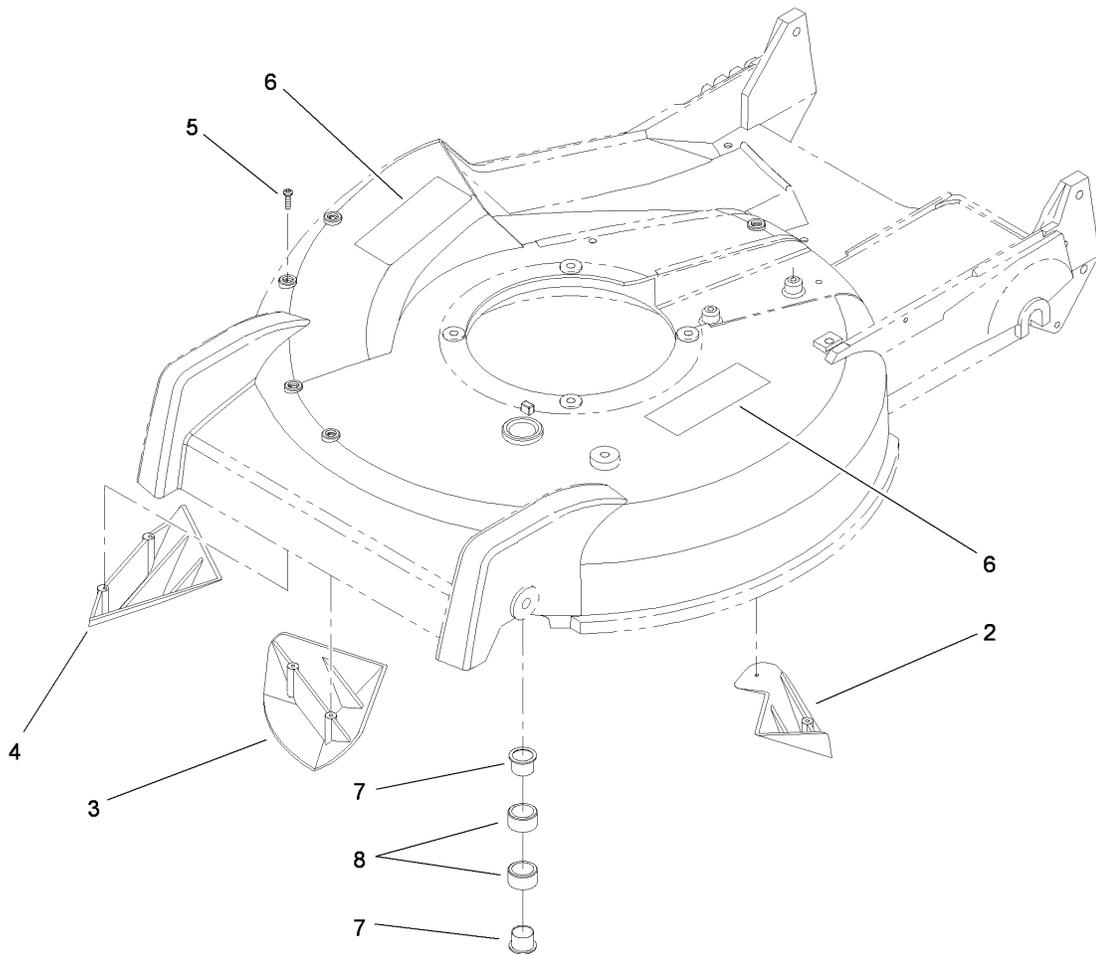
❷ Obtain from your local Kawasaki dealer



Housing, Chute and Wheel Assembly

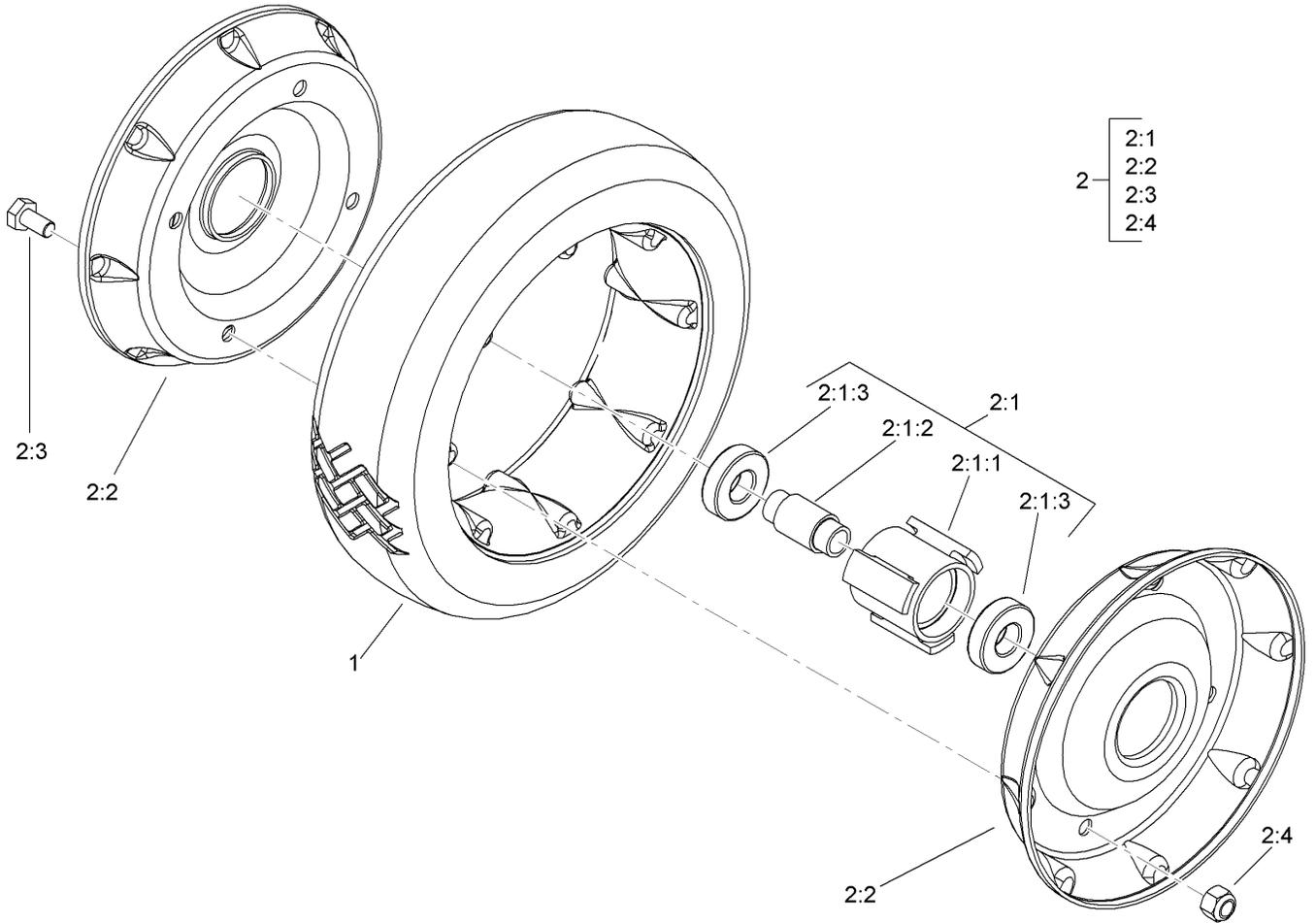
Ref	Part No.	Qty.	Description
1	98-7146	1	Housing
2	3296-6	2	Nut-Lock
3	40-1940	2	Washer
4	32152-2	2	Nut-Lock, Cone
5	115-0980	2	Front Spring Arm ASM
6	257-3	2	Washer-Thrust
7	61-8300	2	Arm-Pivot, Front
8	52-2480	2	Spacer-Wheel
9	114-3468	2	Screw-Shoulder
10	100-2870	2	Wheel And Tire ASM
11	323-12	2	Screw-HH
12	110-0549	2	Knob-HOC
13	49-8760	1	Quadrant-Front, LH
14	46-6811	1	Screw-HWH
16	92-1616	1	Screw-HWHTF
17	112-9989	1	Shield-Trailing
18	33-3208	1	Rod-Shield
19	49-8740	1	Quadrant-Rear, LH
20	74-1860	1	Gear Case ASM
21	74-1770	1	Cover-Belt
22	37-7260	1	Screw-HHFTF
23	3296-42	2	Nut-Lock, NI
24	49-8750	1	Quadrant-Rear, RH
25	3256-22	2	Washer-Flat

Ref	Part No.	Qty.	Description
26	321-8	2	Screw-HH
27	77-0500	1	Discharge Plug ASM
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
32	80-3770	1	Retainer-Door
33	76-4660	1	Spring-Door
34	71-9350	1	Bracket-Spring
35	52-2620	1	Label-Grease
36	82-9152	1	Tunnel-Discharge
39	46-6810	1	Screw And Washer ASM
40	43-8480	1	Decal-Danger
42	49-2040	4	Screw-HWHTF
43	49-8770	1	Quadrant-Front, RH
46	106-0689	1	Decal
47	323-6	3	Screw-HH
48	84-8930	2	Shield-Retainer
49	3296-39	3	Nut-Lock, NI
50	109-7638	1	Guard-Engine
51	32144-86	4	Screw-HWHTF
52	92-1779	1	Decal-Warning



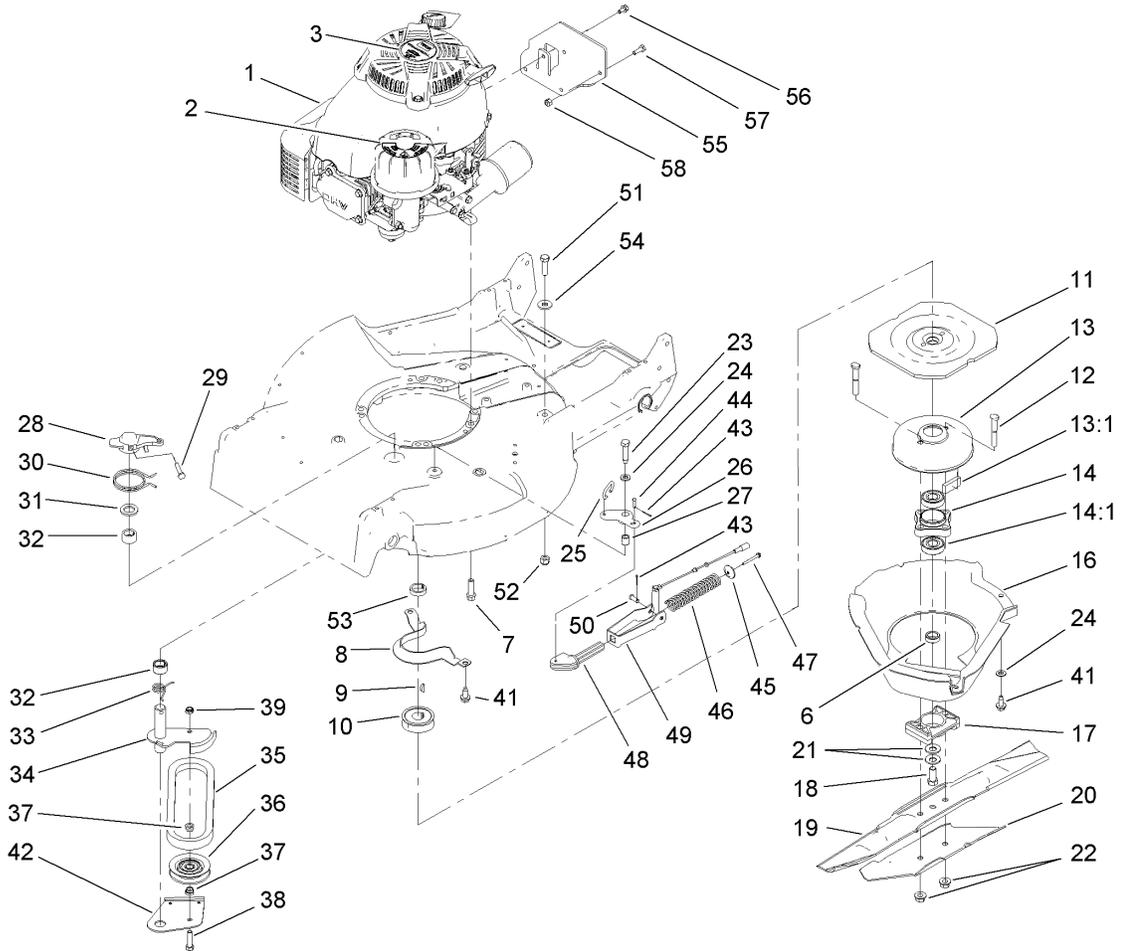
Housing Assembly No. 98-7146

Ref	Part No.	Qty.	Description
2	92-1750	1	Kicker-Rear, Sp
3	92-1720	1	Kicker-Front
4	92-1730	1	Kicker-RH
5	32144-111	6	Screw-PPH
6	110-4978	2	Decal-Danger
7	2410-72	2	Caplug
8	68-9780	2	Bearing



Wheel and Tire Assembly No. 100-2870

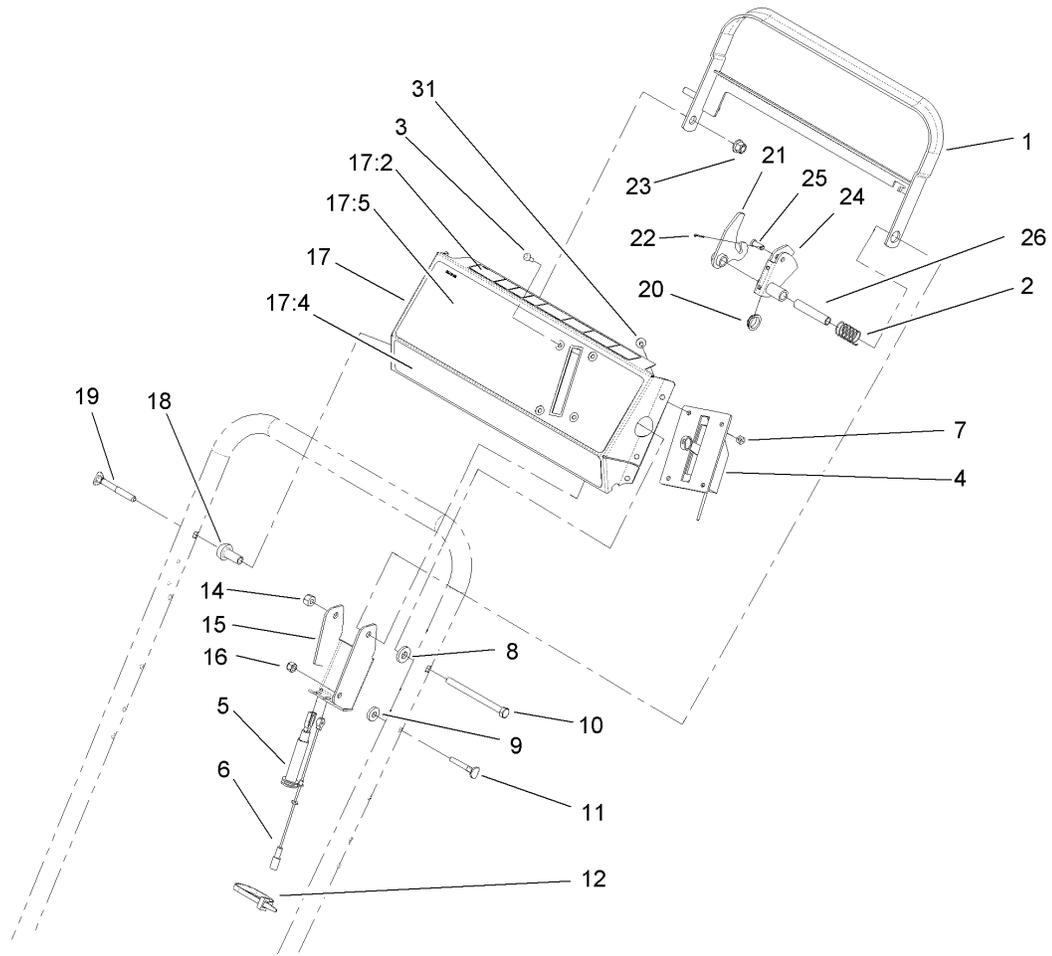
Ref	Part No.	Qty.	Description
1	53-7740	1	Tire
2		1	Wheel ASM
2:1		1	Hub And Bearing ASM
2:1:1	52-2410	1	Hub-Bearing
2:1:2	52-2440	1	Spacer-Bearing
2:1:3	52-2450	2	Bearing-Wheel
2:2	53-7780-06	2	Plate-Wheel, Half
2:3	321-2	4	Screw-HH
2:4	3296-42	4	Nut-Lock, NI



Engine and Blade Assembly

Ref	Part No.	Qty.	Description
1	114-3433	1	Engine-Kawasaki, Fj180V-As36
2	114-3415	1	Decal-Air Cleaner
3	112-9967	1	Decal
6	107-4058	1	Spacer-Shaft, Output
7	95-1727	4	Screw-Taptite
8	66-0570-03	1	Bracket-Guide, Belt
9	3257-17	1	Key-Woodruff
10	56-6180	1	Pulley-Driver
11	56-6160-03	1	Flywheel-BBC
12	42-3190	2	Bolt-Blade
13	94-9431	1	Brake Drum ASM
13:1	52-3480	2	Dampener-Vibration
14	42-6890	1	Hub ASM
14:1	100-1048	2	Bearing-Ball
16	46-5693	1	Shield
17	107-4275	1	Spacer-Blade
18	3212-4	1	Screw-HH
19	91-2256-03	1	Blade-21 Inch
20	91-2255-03	1	Stiffener-Blade
21	1-603610	2	Washer-Spring
22	54-9190	2	Nut-Lock
23	32104-107	1	Screw-HH
24	3256-23	3	Washer-Flat
25	49-2810	1	Link-Control

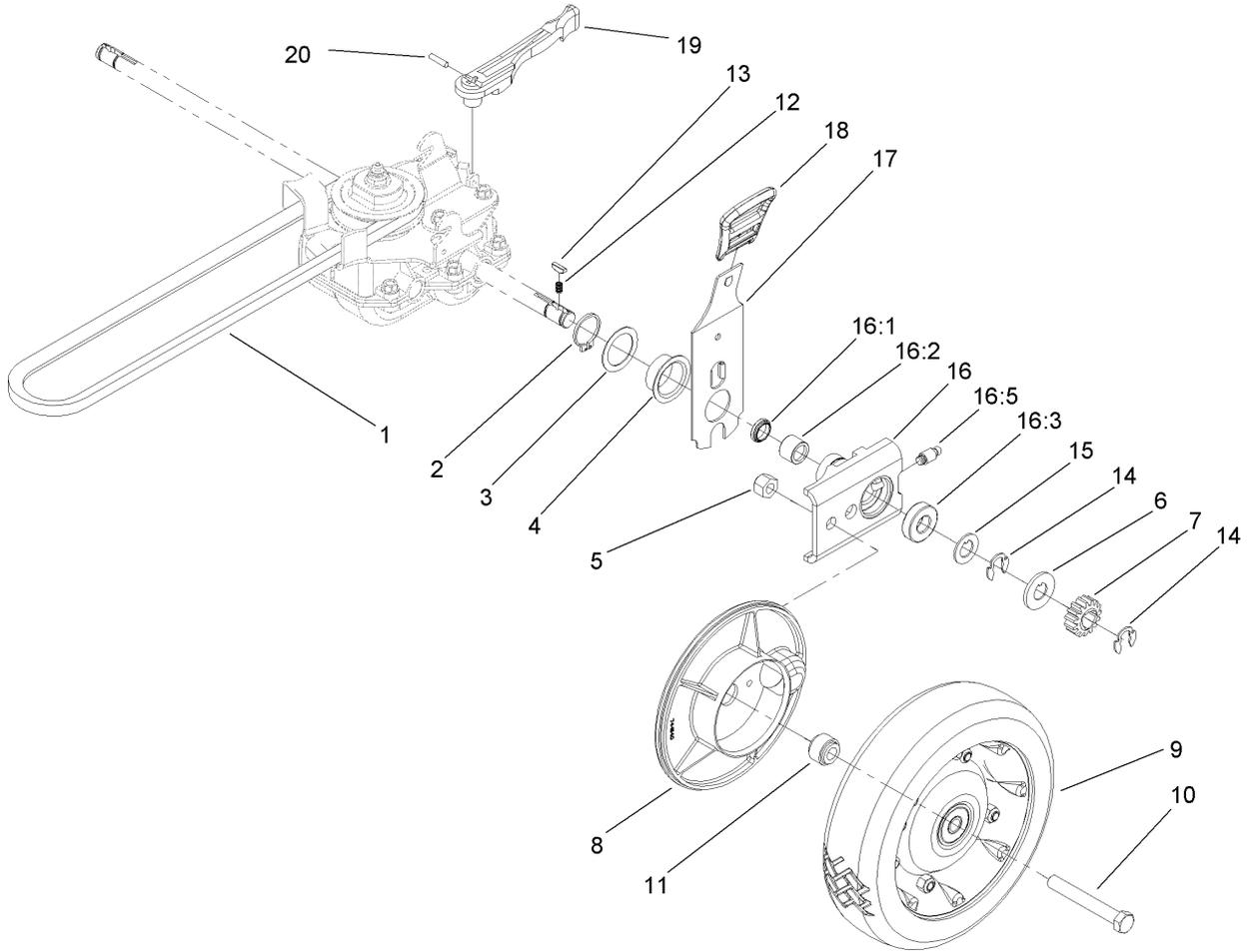
Ref	Part No.	Qty.	Description
26	49-7960	1	Bellcrank
27	49-7950	1	Sleeve-Bellcrank
28	49-2820	1	Lever
29	32104-96	1	Screw-HH
30	49-7970	1	Spring-Torsion
31	70-1160	1	Washer
32	68-9780	2	Bearing
33	85-6880	1	Spring-Torsion
34	84-9130	1	Arm-Idler
35	42-0884	1	V-Belt
36	46-5650	1	Pulley-Idler
37	46-5631	2	Spacer-Pulley, Idler
38	322-6	1	Screw-HH
39	3296-47	1	Nut-Lock, NI
41	32144-70	3	Screw-HWHTF
42	84-9180	1	Brake Plate ASM
43	3272-1	2	Pin-Cotter
44	84-9050	1	Pin-Spring
45	65-5280	1	Retainer-Spring
46	84-9100	1	Spring
47	46-7040	1	Screw-HWHTF
48	106-0842	1	Guide-Spring
49	107-4087-03	1	Bracket-Spring
50	84-9040	1	Pin-Cable



Control Panel Assembly

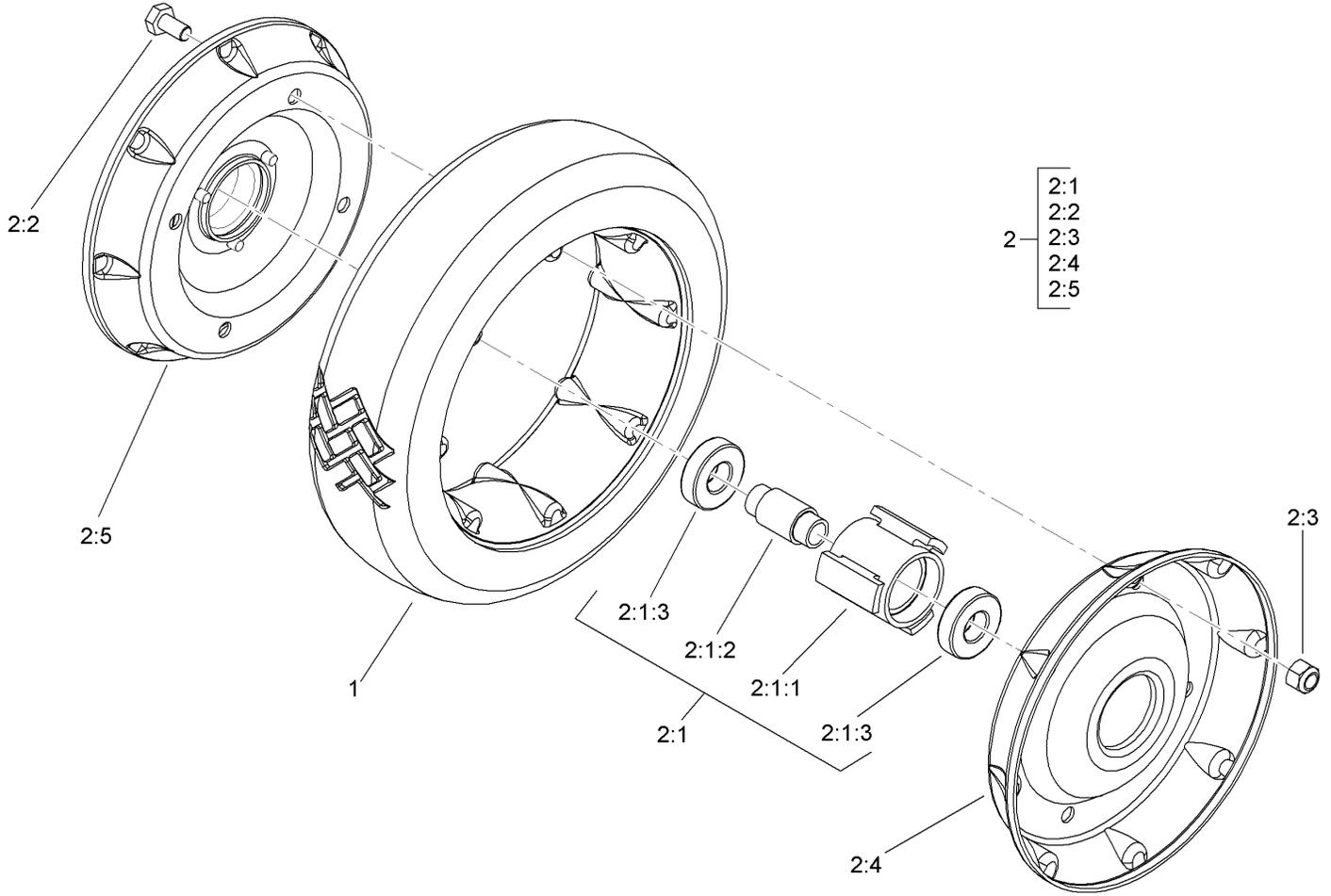
Ref	Part No.	Qty.	Description
1	84-8940-03	1	Bar-Control
2	85-6750	1	Spring-Control
3	3250-12	4	Screw-PPH
4	114-3447	1	Control-Throttle
5	84-9120	1	Cable-Traction
6	84-9110	1	Cable-Clutch
7	3296-2	4	Nut-Lock
8	71-9310	1	Spacer
9	71-9320	1	Spacer
10	322-19	1	Screw-HH
11	46-6430	1	Screw-Handle
12	3290-378	1	Tie-Cable
14	3296-29	1	Nut-Lock, NI
15	92-1778-03	1	Bracket-Control
16	3296-42	1	Nut-Lock, NI
17	112-9739	1	Panel ASM
17:2	104-8582	1	Decal-Panel, Danger
17:4	106-0771	1	Decal-Panel
17:5	112-9731	1	Decal-Panel, Control
18	49-1631	1	Spacer-Support
19	17-9427	1	Screw
20	86-9320	1	Bushing-Flange
21	84-9000	1	Lever-Traction
22	3272-1	1	Pin-Cotter

Ref	Part No.	Qty.	Description
23	3296-58	1	Nut-Lock, NI
24	84-8990	1	Lever-BBC
25	84-9040	1	Pin-Cable
26	84-9030	1	Spacer-Bracket, Control
31	32104-76	6	Screw



Rear Drive and Wheel Assembly

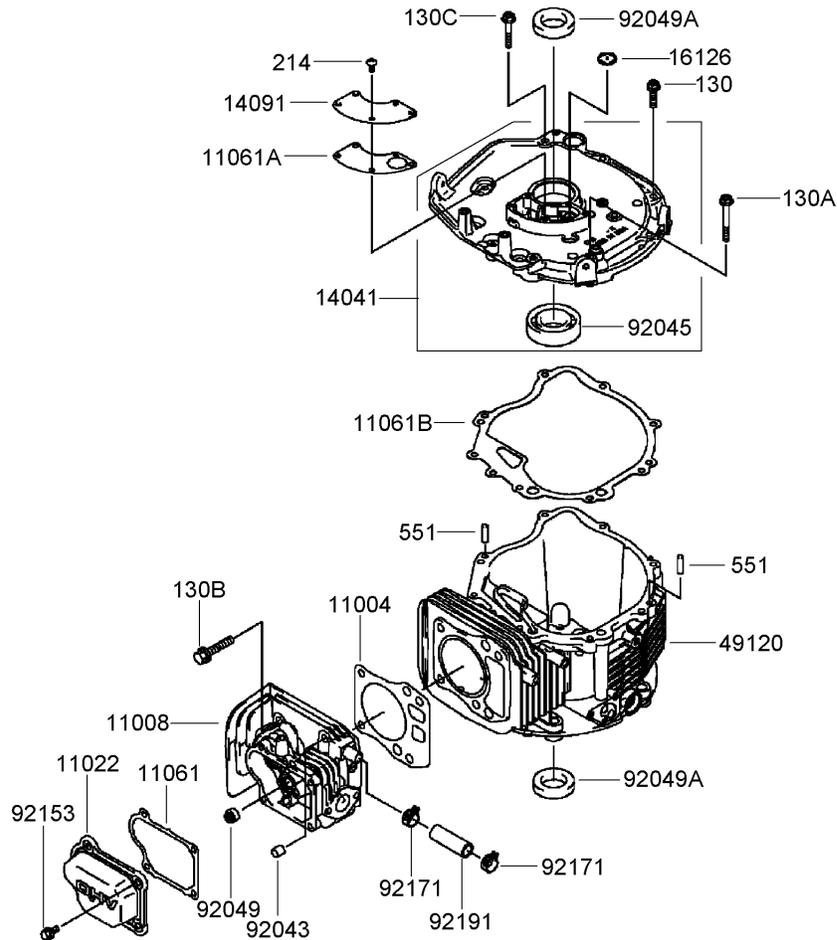
Ref	Part No.	Qty.	Description
1	36-8070	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	48-2170	2	Cap-End
5	32152-2	2	Nut-Lock, Cone
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	100-2860	2	Wheel And Tire ASM
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, 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	115-0981	2	Rear Spring Arm ASM
18	110-0549	2	Knob-HOC
19	74-1960	1	Lever-Shift
20	32121-99	1	Pin-Coil



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

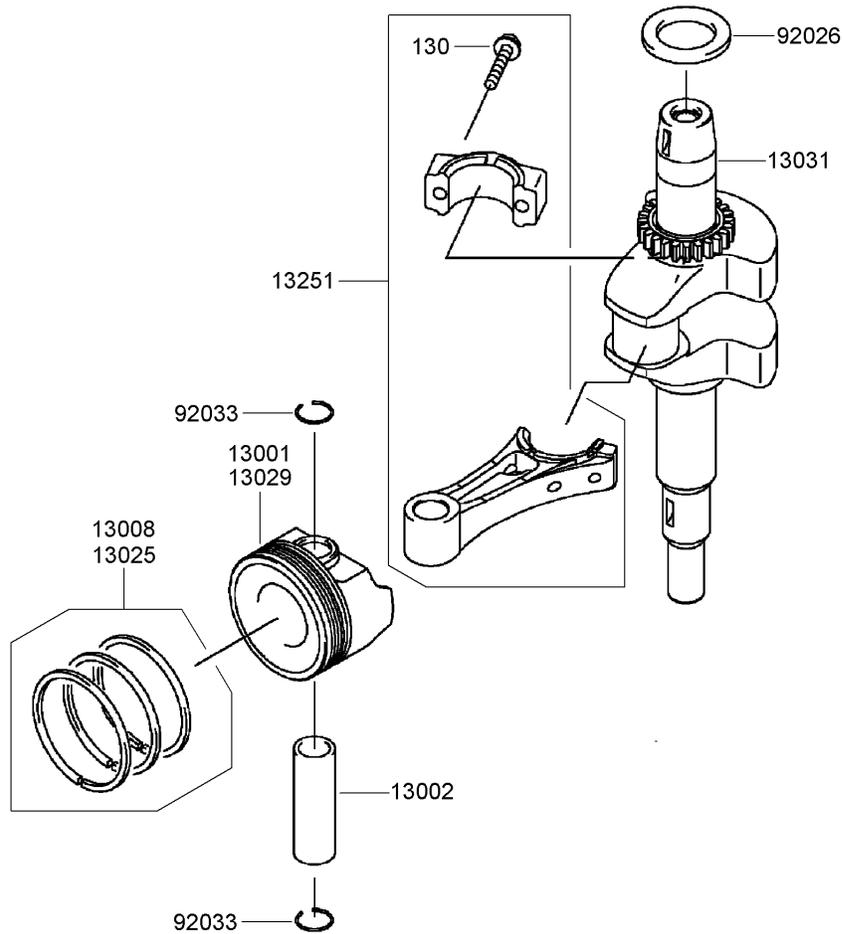
Ref	Part No.	Qty.	Description



Cylinder and Crankcase Assembly Kawasaki FJ180V-AS36

Ref	Part No.	Qty.	Description
②	11004	1	Gasket-Head
②	11008	1	Head-Cylinder
②	11022	1	Case-Rocker
②	11061	1	Gasket-Case, Rocker
②	11061A	1	Gasket-Breather
②	11061B	1	Gasket-Cover, Crankcase
②	14041	1	Cover
②	14091	1	Cover-Breather
②	16126	1	Valve-Breather
②	49120	1	Crankcase
②	92043	2	Pin
②	92045	1	Bearing-Ball (62/28)
②	92049	1	Seal-Oil, R V C2 (6X11X10.2)
②	92049A	2	Seal-Oil, 28-44-9 T C
②	92153	4	Bolt (6X12)
②	92171	2	Clamp
②	92191	1	Tube (12X16X49)
②	130	7	Bolt-Flanged (6X25)
②	130A	1	Bolt-Flanged (6X50)
②	130B	4	Bolt-Flanged (8X40)
②	130C	1	Bolt-Flanged (6X35)
②	214	5	Screw-Pan+- (5X10)
②	551	2	Pin-Dowel (6X12)

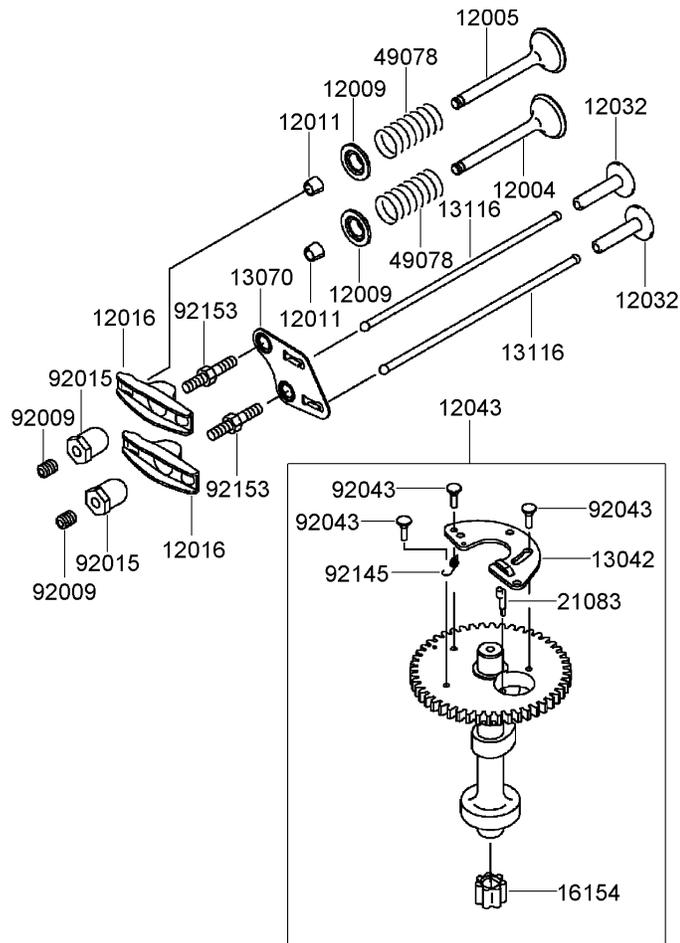
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Piston and Crankshaft Assembly Kawasaki FJ180V-AS36

Ref	Part No.	Qty.	Description
② 13001	13001-7023	1	Piston-Engine
② 13002	13002-7001	1	Pin-Piston
② 13008	13008-7002	1	Piston Ring Set
② 13025	13025-7006	1	Piston Ring Set (L 0.50)
② 13029	13029-7005	1	Piston-Engine (L 0.50)
② 13031	13031-7057	1	Crankshaft
② 13251	13251-7011	1	Connecting Rod ASM
② 92026	92026-7020	1	Spacer
② 92033	92033-7002	2	Ring-Snap
② 130	130BA0630	2	Bolt-Flanged (6X30)

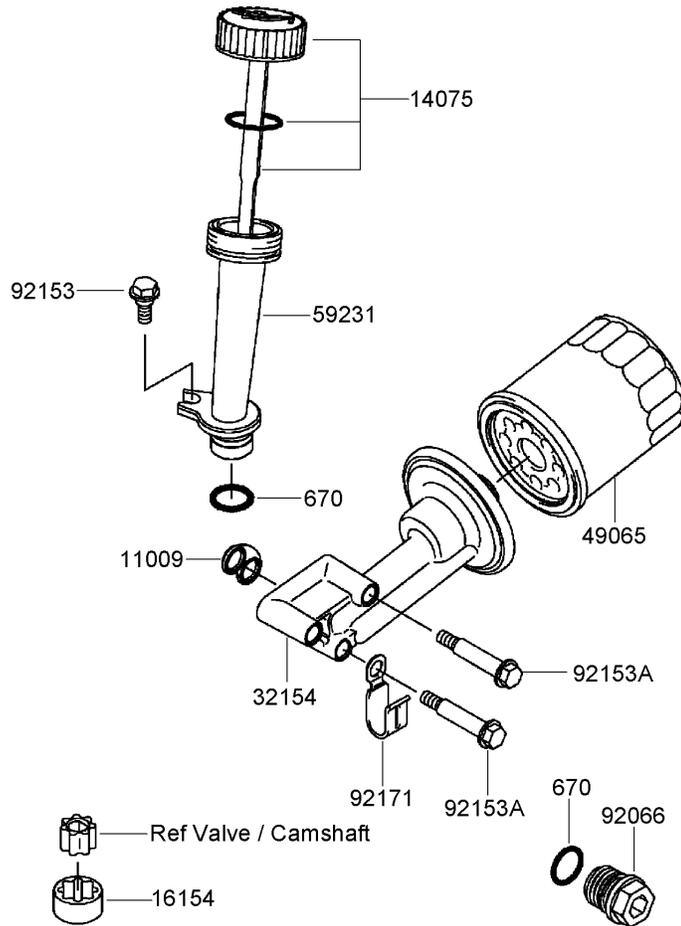
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Valve and Camshaft Assembly Kawasaki FJ180V-AS36

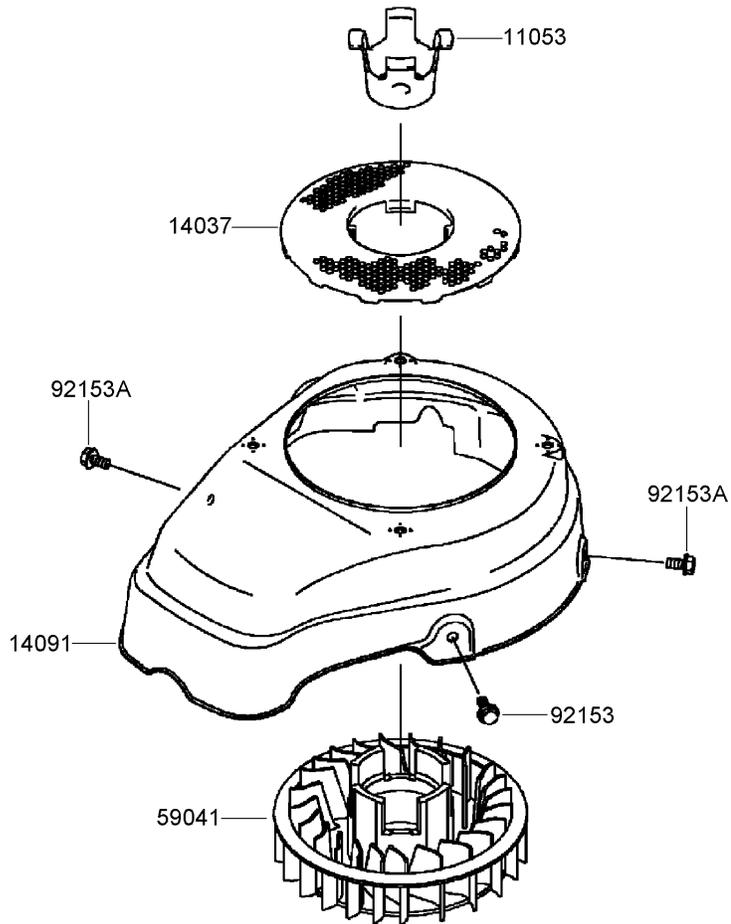
Ref	Part No.	Qty.	Description
②	12004	1	Valve-Intake
②	12005	1	Valve-Exhaust
②	12009	2	Retainer-Spring, Valve
②	12011	4	Collet
②	12016	2	Arm-Rocker
②	12032	2	Tappet
②	12043	1	Camshaft Valve ASM
②	13042	1	Weight
②	13070	1	Guide
②	13116	2	Rod-Push
②	16154	1	Rotor-Pump
②	21083	1	Arm
②	49078	2	Spring-Valve, Engine
②	92009	2	Screw
②	92015	2	Nut
②	92043	3	Pin
②	92145	1	Spring
②	92153	2	Bolt

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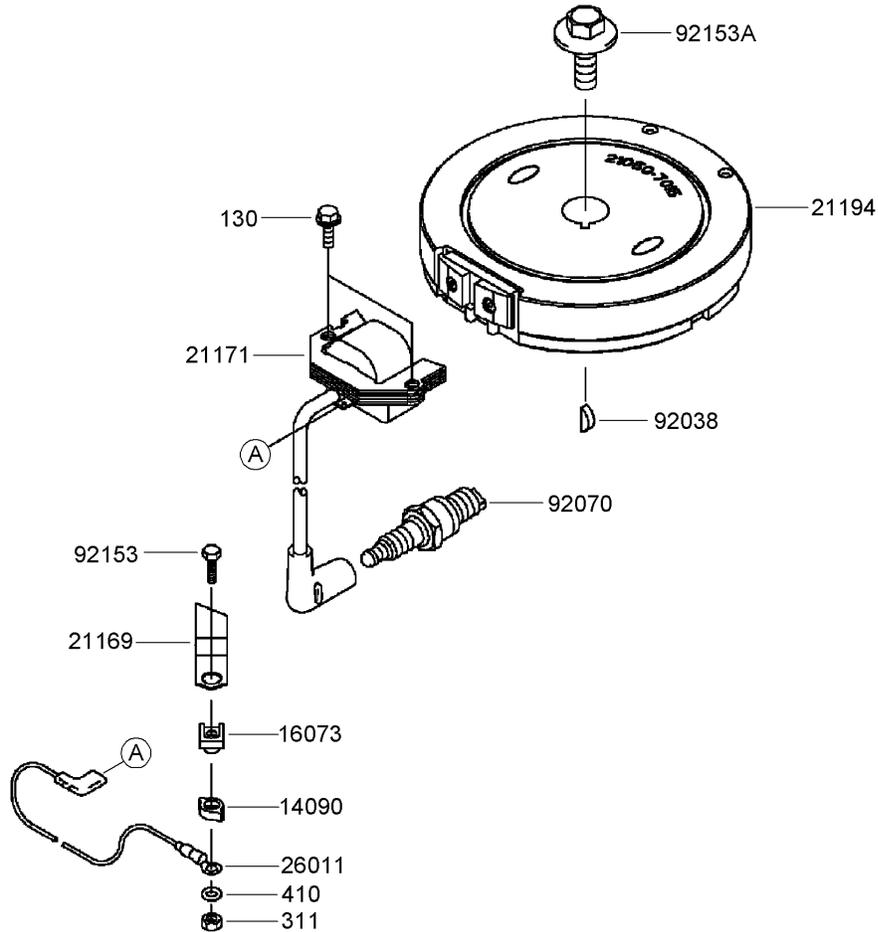
Lubrication Equipment Assembly Kawasaki FJ180V-AS36

Ref	Part No.	Qty.	Description				
②11009	11009-2860	1	Gasket				
②14075	14075-7007	1	Cap ASM				
②16154	16154-7002	1	Rotor-Pump				
②32154	32154-7018	1	Pipe				
②49065	49065-2078	1	Filter-Oil				
②59231	59231-7004	1	Filler				
②92066	92066-7003	1	Plug				
②92153	92153-7007	1	Bolt				
②92153A	92153-7028	3	Bolt				
②92171	92171-7008	1	Clamp				
②670	670D2016	2	O-Ring (16Mm)				



Cooling Equipment Assembly Kawasaki FJ180V-AS36

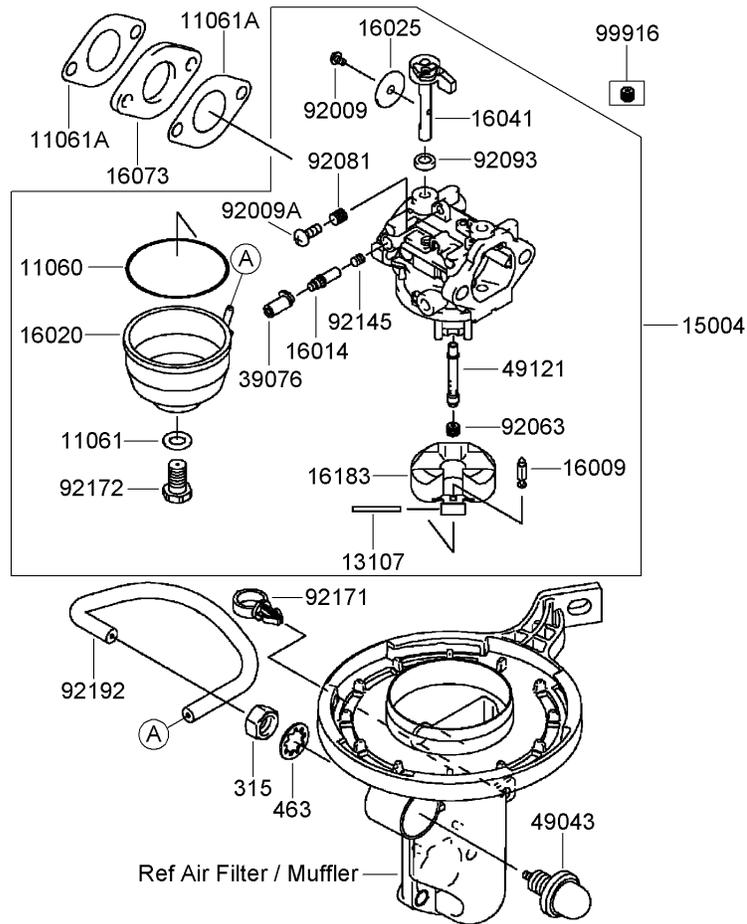
Ref	Part No.	Qty.	Description				
② 11053	11053-7009	1	Bracket-Fan				
② 14037	14037-7017	1	Screen				
② 14091	14091-7053	1	Cover				
② 59041	59041-7009	1	Fan				
② 92153	92153-7007	1	Bolt				
② 92153A	92153-7043	2	Bolt (6X12)				



Electric Equipment Assembly Kawasaki FJ180V-AS36

Ref	Part No.	Qty.	Description
②14090	14090-2108	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	92153-7012	1	Bolt (4X16)
②92153A	92153-7030	1	Bolt (12X30)
②130	130AA0620	2	Bolt-Flanged (6X20)
②311	311B0400	1	Nut-Hex (4Mm)
②410	410B0400	1	Washer-Plain, S (4Mm)

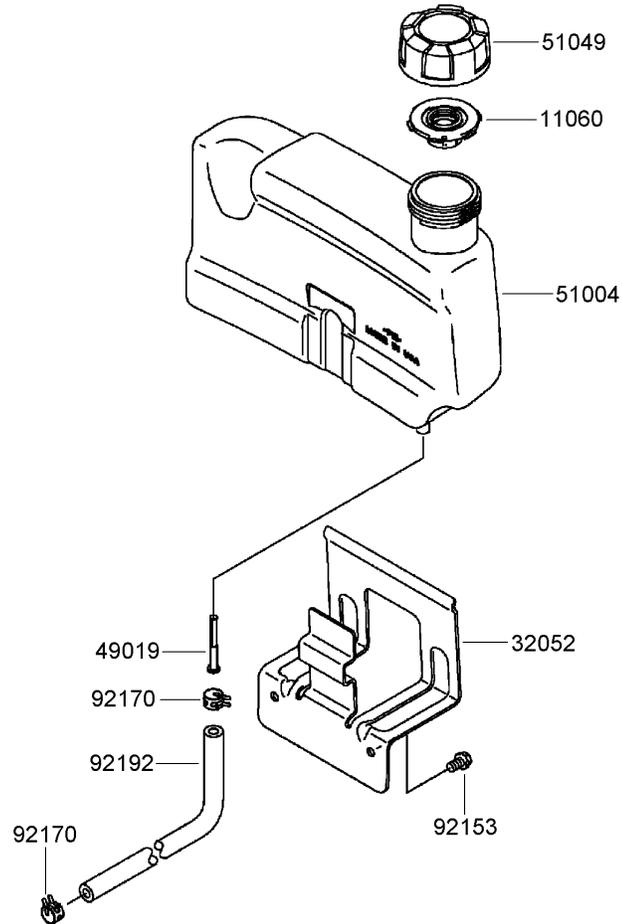
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Carburetor Assembly Kawasaki FJ180V-AS36

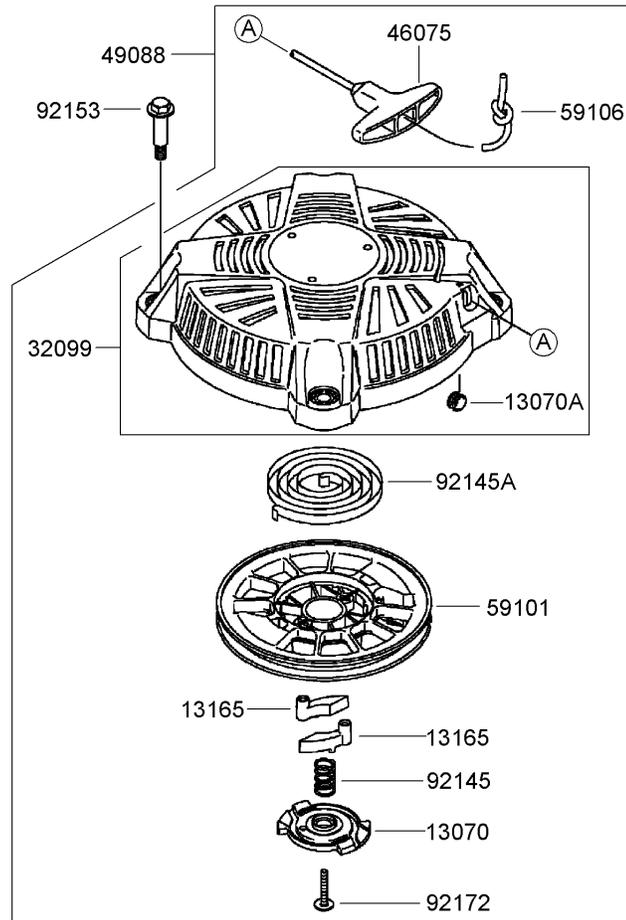
Ref	Part No.	Qty.	Description
②11060	11060-2190	1	Gasket
②11061	11061-7010	1	Gasket-Screw
②11061A	11061-7015	2	Gasket-Insulator
②13107	13107-7024	1	Shaft
②15004	15004-7011	1	Carburetor ASM
②16009	16009-2136	1	Needle-Jet
②16014	16014-7008	1	Screw-Air, Pilot
②16020	16020-7005	1	Chamber-Float
②16025	16025-7007	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	49121-7014	1	Nozzle-Main
②92009	92009-2083	1	Screw
②92009A	92009-2349	1	Screw
②92063	92063-7061	1	Jet-Main, No. 78
②92081	92081-2234	1	Spring
②92093	92093-2100	1	Seal
②92145	92145-7015	1	Spring
②92171	92171-7014	1	Clamp
②92172	92172-7003	1	Screw
②92192	92192-7092	1	Tube (2.2X7.3X190)

Ref	Part No.	Qty.	Description
②99916	99916-7007	1	Main Jet K H I Parts Kit
②315	315B1000	1	Nut-Hex, Fine (10Mm)
②463	463H1000	1	Washer-Toothed (10Mm)



Fuel Tank and Fuel Valve Assembly Kawasaki FJ180V-AS36

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	2	Clamp				
②92192	92192-7084	1	Tube (6X12.7X375)				



Starter Assembly Kawasaki FJ180V-AS36

Ref	Part No.	Qty.	Description				
② 13070	13070-7014	1	Guide				
② 13070A	13070-7015	1	Guide				
② 13165	13165-7002	2	Pawl-Starter, Recoil				
② 32099	32099-7004	1	Case-Starter, Recoil				
② 46075	46075-7002	1	Grip				
② 49088	49088-7026	1	Starter-Recoil				
② 59101	59101-7002	1	Reel-Starter, Recoil				
② 59106	59106-7006	1	Rope (1500Mm)				
② 92145	92145-7052	1	Spring				
② 92145A	92145-7053	1	Spring				
② 92153	92153-7021	4	Bolt (M6)				
② 92172	92172-7030	1	Screw				

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