Form Number 3328-780

Mid-Size ProLine Gear Traction Unit
17 HP

Model No. 30169 - 240000001 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
CARR. . . . . carriage
DEG. . . . . degrees
FH. . . . . flat head
GA. . . . . gauge
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
HS. . . . . hex
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
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
PPH. . . . . phillips pan head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
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
WH. . . . . wing head

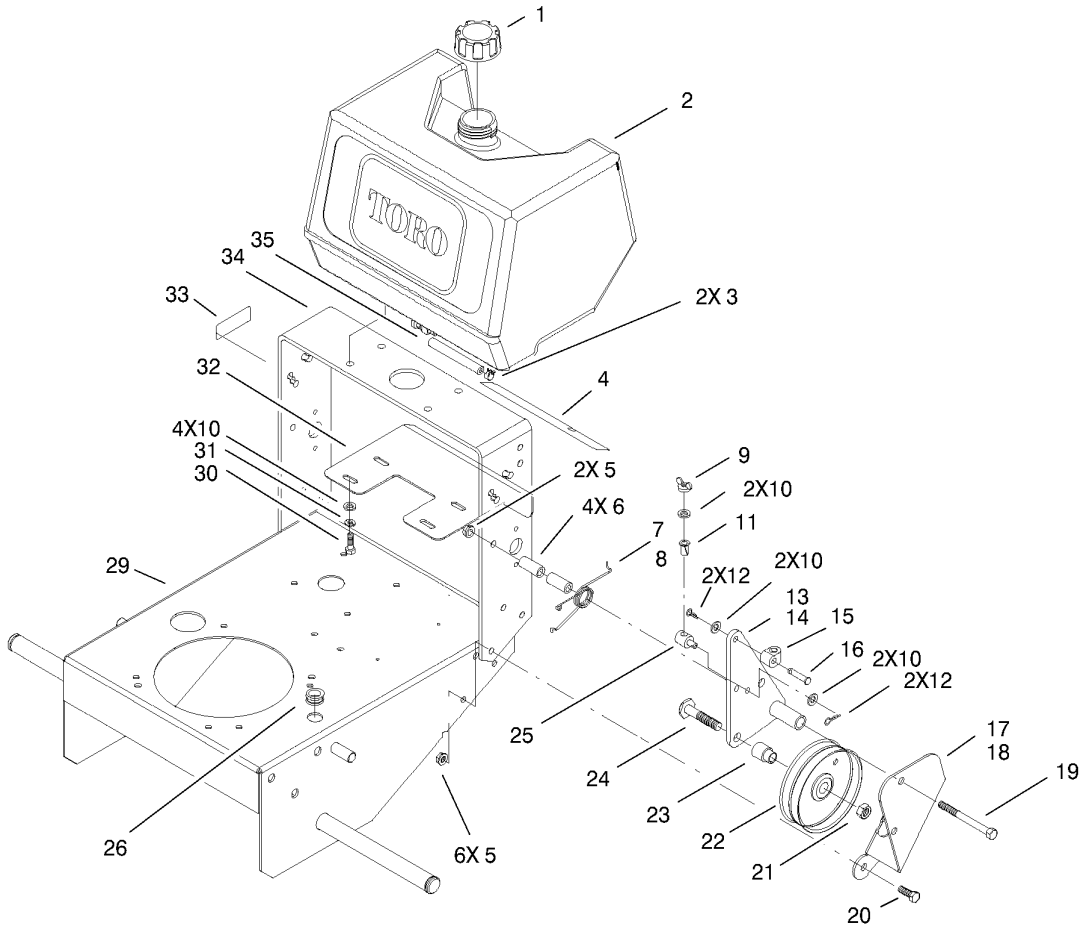
Footnotes

❶ Not serviced separately

❷ Obtain Parts From Kawasaki

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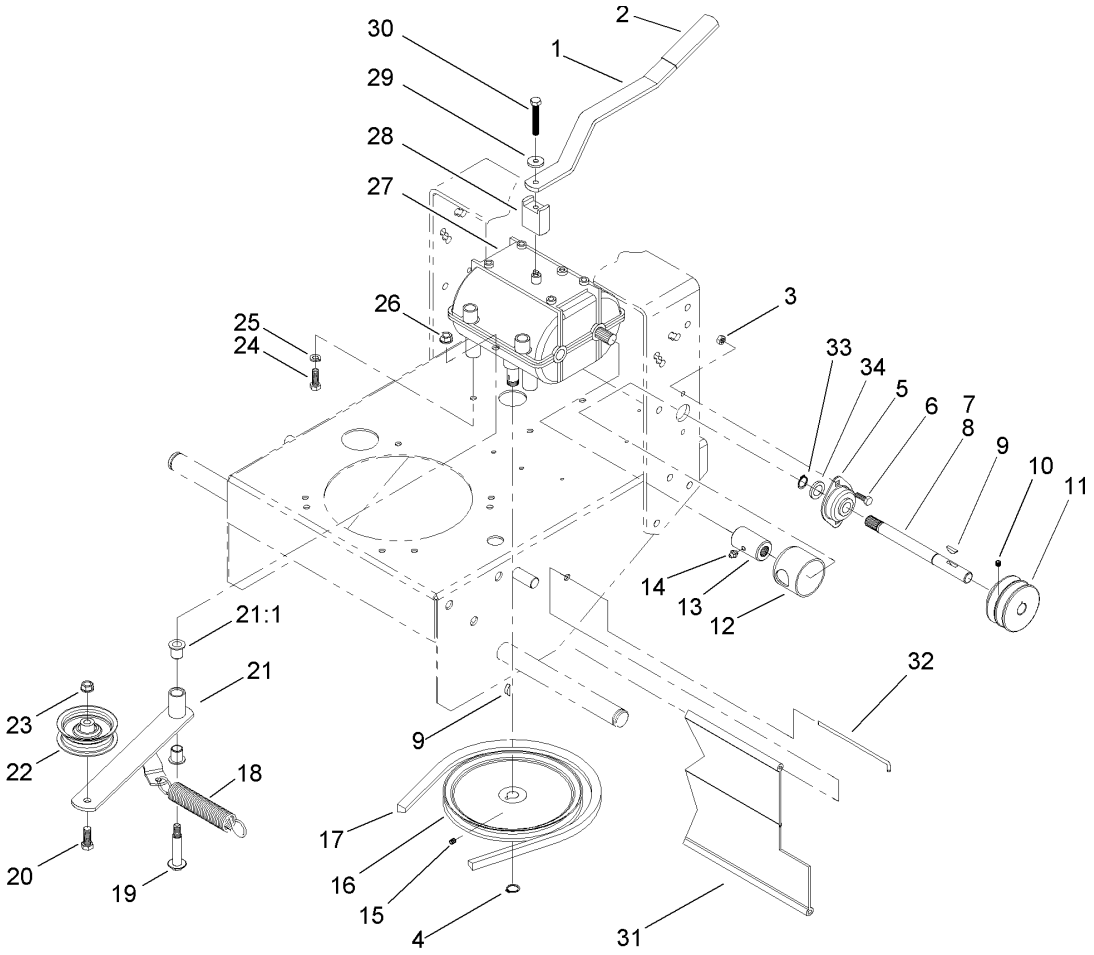
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Fuel Tank and Idler Pulley Assembly

Ref	Part No.	Qty.	Description
1	55-3570	1	Gas Cap ASM
2	95-2802	1	Tank-Fuel
3	2412-98	2	Clamp
4	82-7750	1	Decal-Ground Speed
5	3296-39	8	Nut-Lock, NI
6	74-0040	4	Spacer-Pivot, Idler
7	51-4370	1	Spring-Torsion, RH
8	51-4380	1	Spring-Torsion, LH
9	32103-25	2	Nut-Wing
10	3256-23	10	Washer-Flat
11	52-2890	2	Bushing-Nylon
12	3290-307	4	Pin-Hair
13	74-0230-01	1	Bracket-Idler, RH
14	74-0220-01	1	Bracket-Idler, LH
15	74-0521	2	Fitting-Rod
16	283-6	2	Pin-Clevis
17	67-6370-01	1	Bracket-Support, RH
18	67-6380-01	1	Bracket-Support, LH
19	323-16	2	Screw-HH
20	323-6	6	Screw-HH
21	3296-23	2	Nut-Lock, NI
22	95-2800	2	Pulley-Idler
23	95-2801	2	Spacer-Pulley
24	51-4450	2	Screw-Leveler

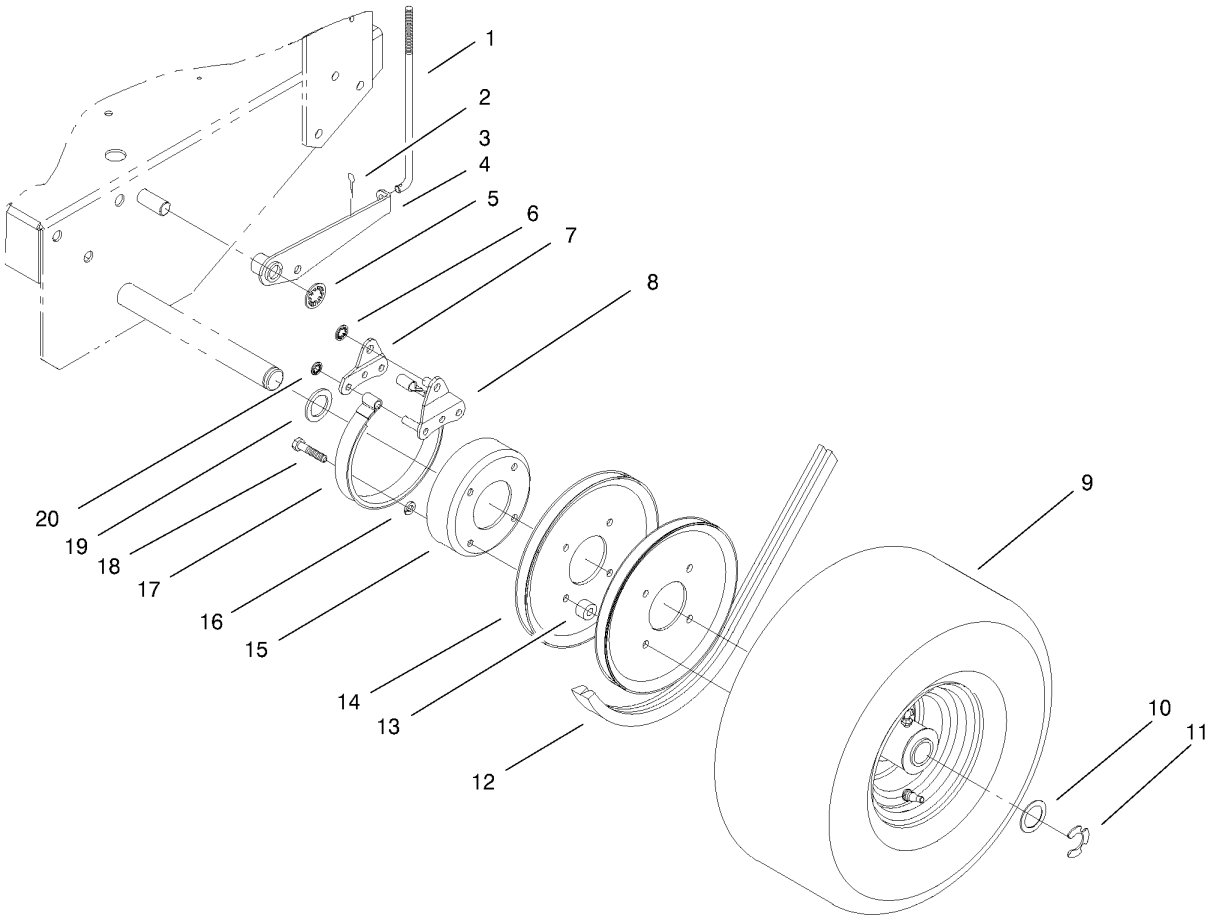
Ref	Part No.	Qty.	Description
25	68-9690	2	Fitting-Rod
26	237-124	1	Grommet
29	93-1156-01	1	Frame
30	322-4	4	Screw-HH
31	3253-4	4	Washer-Lock
32	66-7400-01	1	Plate-Control
33	95-2814	1	Decal-Shut Off, Fuel
34	74-0360-01	1	Frame-Rear
35	47-2962	1	Hose-Fuel



Transmission and Drive Pulley Assembly

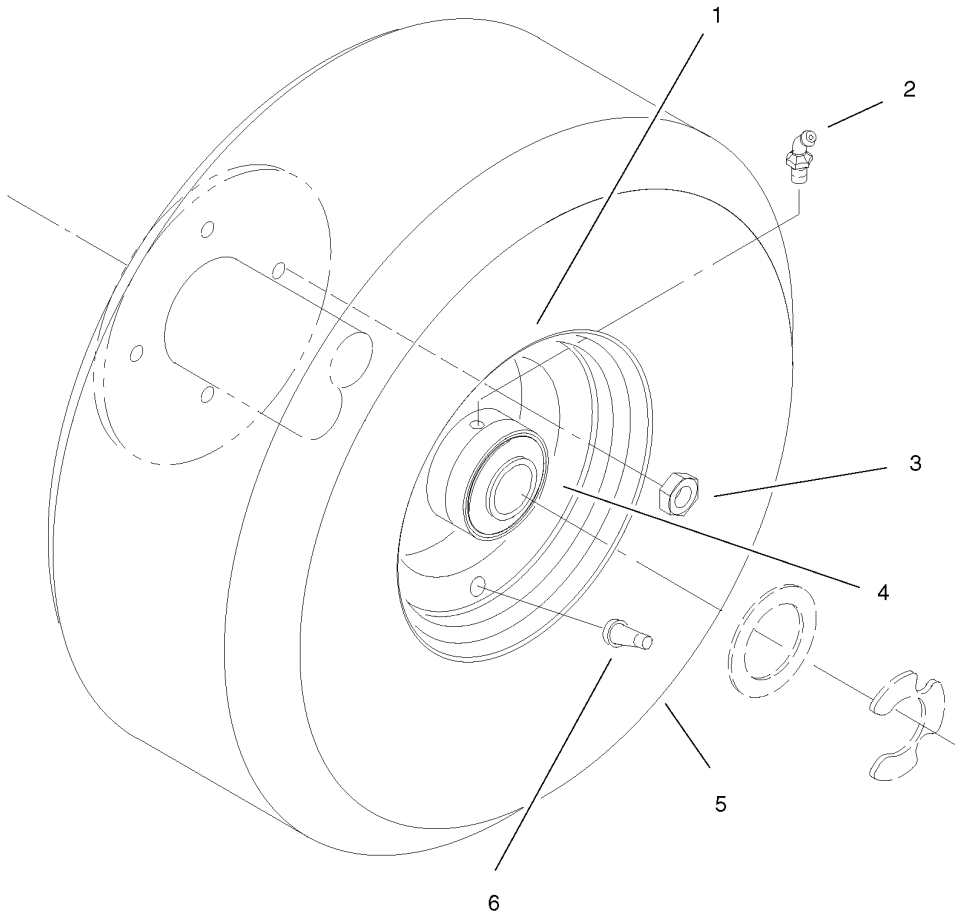
Ref	Part No.	Qty.	Description
1	74-0320-01	1	Lever-Shift
2	47-1970	1	Grip
3	3296-42	4	Nut-Lock, NI
4	32120-64	1	Ring-Snap, External
5	1-323254	2	Flange-Output
6	321-4	4	Screw-HH
7	98-0788	1	Shaft-Extension, RH
8	98-0787	1	Shaft-Extension, LH
9	3257-5	3	Key-Woodruff
10	3245-3	2	Screw-Set, HS
11	105-0828	2	Pulley-Transmission
12	51-4220	2	Guard-Coupler
13	1-323680	2	Coupler
14	302-5	2	Fitting-Grease
15	3245-1	1	Screw-Set, HSH
16	51-4190	1	Pulley-Driven
17	26-9671	1	V-Belt
18	68-2190	1	Spring
19	27-6230	1	Bolt-Wheel
20	323-8	1	Screw-HH
21	16-7509	1	Lever-Idler
21:1	256-155	2	Bushing-Flange
22	62-4540	1	Pulley
23	3296-39	1	Nut-Lock, NI

Ref	Part No.	Qty.	Description
24	322-2	4	Screw-HH
25	3253-4	4	Washer-Lock
26	3296-6	1	Nut-Lock, NI
27	98-0791	1	Transmission
28	72-2190	1	Mount-Lever, Shift
29	7-5461	1	Spacer
30	329-10	1	Screw-HH
31	95-1526	1	Shield-Trailing
32	95-1529	1	Rod-Shield
33	32151-62	2	Ring-Retaining
34	1-323252	2	Bearing-Shaft



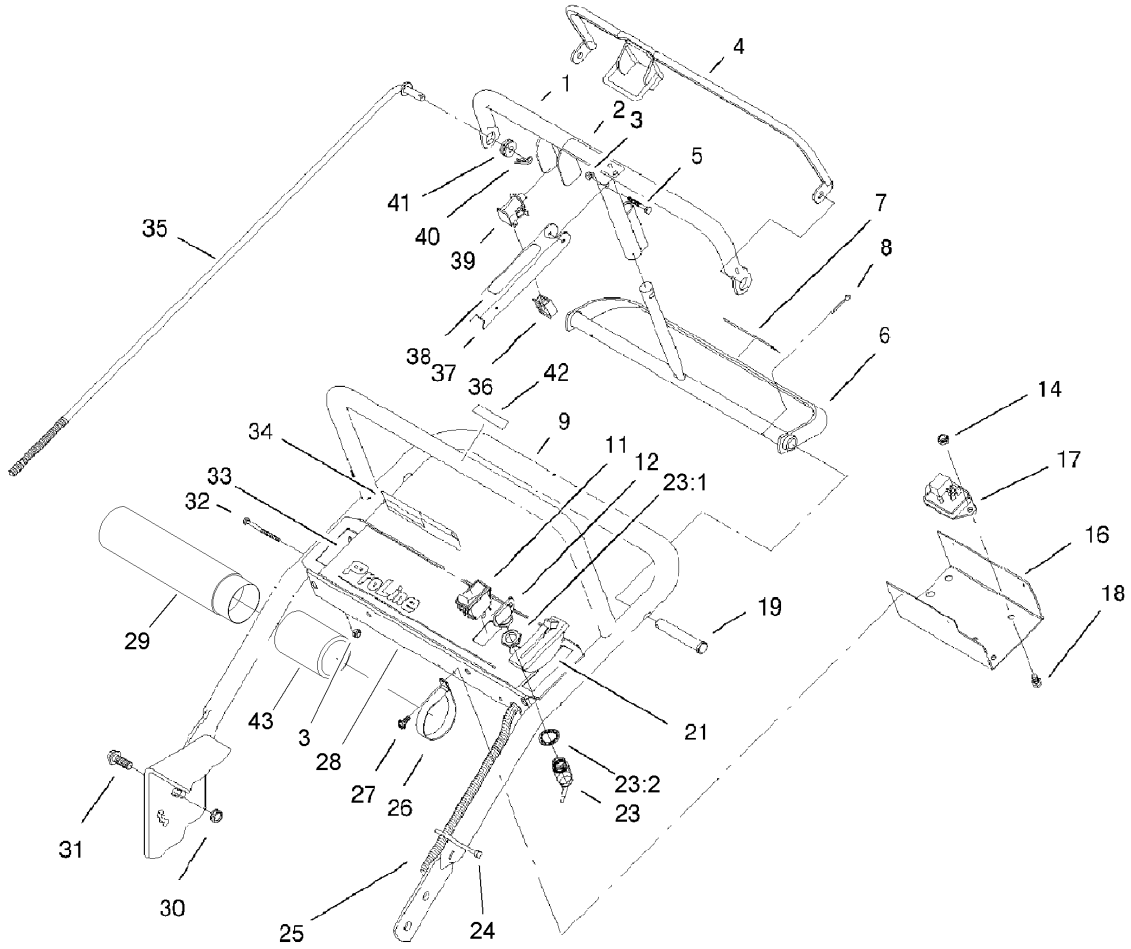
Wheel and Brake Assembly

Ref	Part No.	Qty.	Description
1	51-4580	2	Rod-Brake
2	3290-307	2	Pin-Hair
3	51-4600-01	1	Arm-Brake, RH
4	51-4610-01	1	Arm-Brake, LH
5	32151-40	2	Ring-Retaining
6	32151-56	2	Ring-Retaining, External
7	51-4660-01	2	Plate-Link, Brake
8	51-4650-01	2	Link-Brake
9	94-9663	1	Wheel And Tire ASM
10	10-8110	8	Washer-Thrust
11	32151-91	2	Ring-Retaining
12	51-4290	2	V-Belt
13	51-4170	8	Spacer-Pulley
14	51-4160-03	4	Pulley-Wheel
15	51-4180-03	2	Drum-Brake
16	3253-4	8	Washer-Lock
17	51-4700	2	Band-Brake
18	322-7	8	Screw-HH
19	51-4230	2	Washer-Wheel
20	32151-72	4	Ring-Retaining



Wheel Assembly

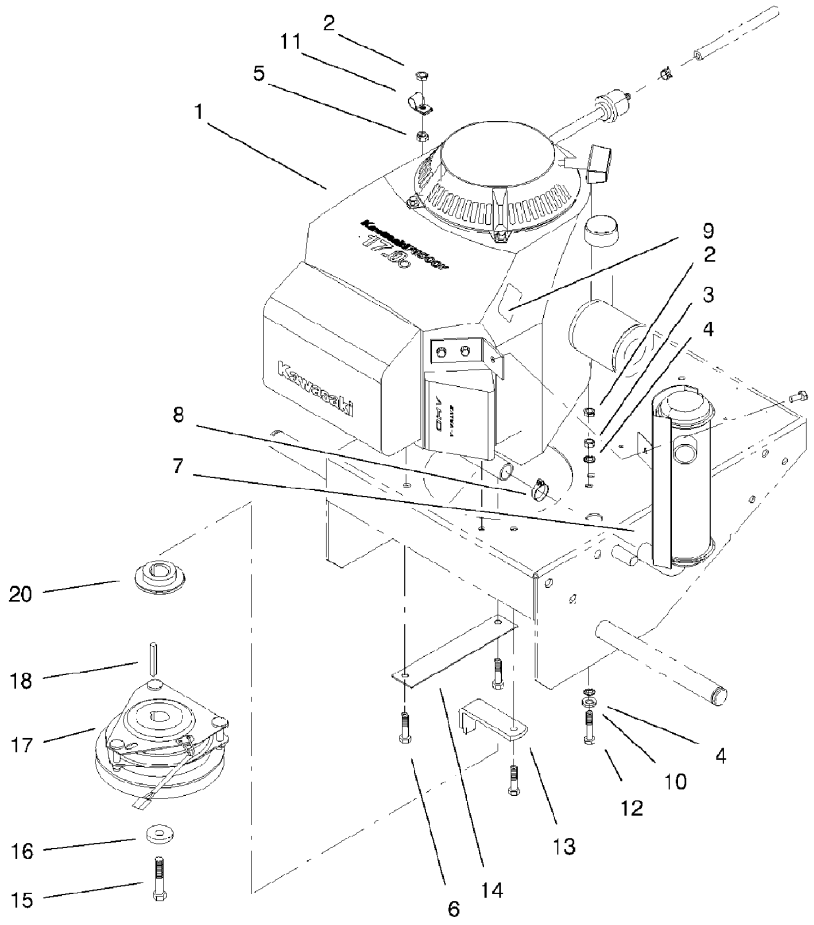
Ref	Part No.	Qty.	Description
1	242-80	1	Wheel And Hub ASM
2	302-11	1	Fitting-Lube, 45 DEG
3	3296-29	4	Nut-Lock, NI
4	92-1746	2	Bearing-Ball
5	231-117	1	Tire
6	232-27	1	Stem-Valve



Handle and Control Assembly

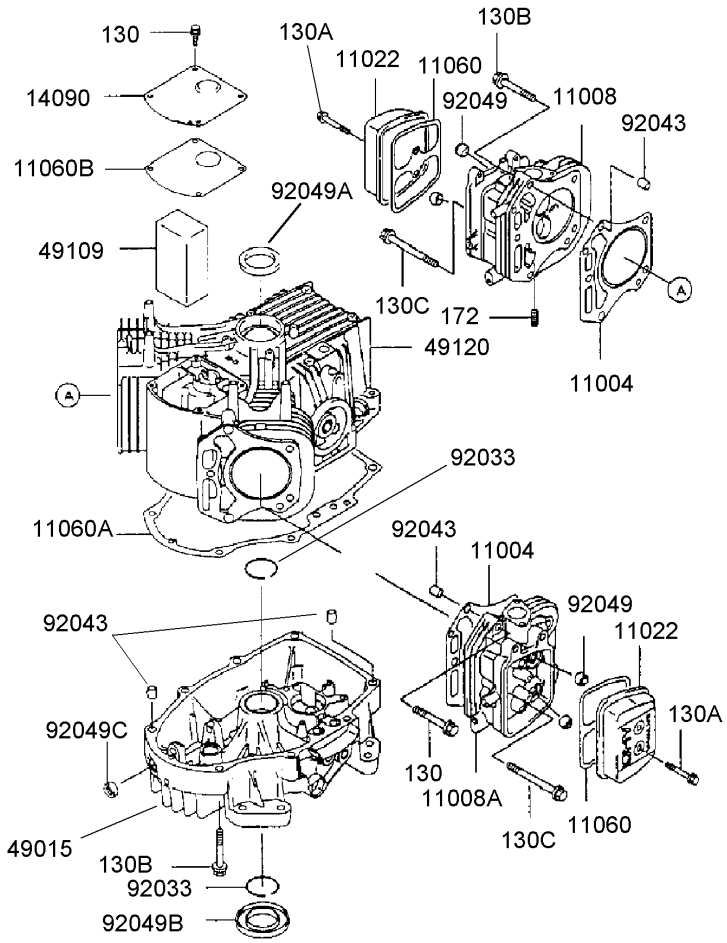
Ref	Part No.	Qty.	Description
1	82-7690-03	1	Bar-Control
2	82-2290	1	Decal
3	3296-2	5	Nut-Lock
4	82-7680-03	1	Bail
5	32105-1	1	Screw-SHH
6	106-5477-03	1	Control Pivot ASM
7	82-2280	1	Decal
8	3272-11	2	Pin-Cotter
9	67-6440-01	1	Handle-Upper
11	104-8140	1	Switch-PTO
12	63-8360	2	Key-Ignition
14	3296-42	1	Nut-Lock, NI
16	93-1187-03	1	Panel-Bottom
17	104-8141	1	Module-Delay
18	321-2	1	Screw-HH
19	283-55	2	Pin-Clevis
21	100-6450	1	Control-Throttle
23	29-5560	1	Switch-On/off
23:1	218-461	1	Nut-HH
23:2	3254-5	1	Washer-Tooth
24	3290-378	2	Tie-Cable
25	104-8137	1	Harness-Wire
26	2412-120	2	R-Clamp
27	32104-76	4	Screw

Ref	Part No.	Qty.	Description
28	82-2180-03	1	Panel-Control
29	104-7050	1	Housing-Manual
30	32128-21	4	Nut-HF
31	3234-11	4	Screw-HHF
32	32105-14	4	Screw-SHH
33	106-0685	1	Decal-Panel, Control
34	105-0884	1	Decal-Danger
35	82-7631	2	Rod-Control
36	218-595	1	Connector-Body
37	51-4850-03	1	Lever-Brake, Parking
38	52-2010	1	Decal-Lever, Parking
39	82-2190	1	Switch-Bail
40	3290-307	2	Pin-Hair
41	237-141	2	Grommet-Rubber
42	98-4387	1	Decal-Protection, Ear
43	104-7048	1	Cap-Housing



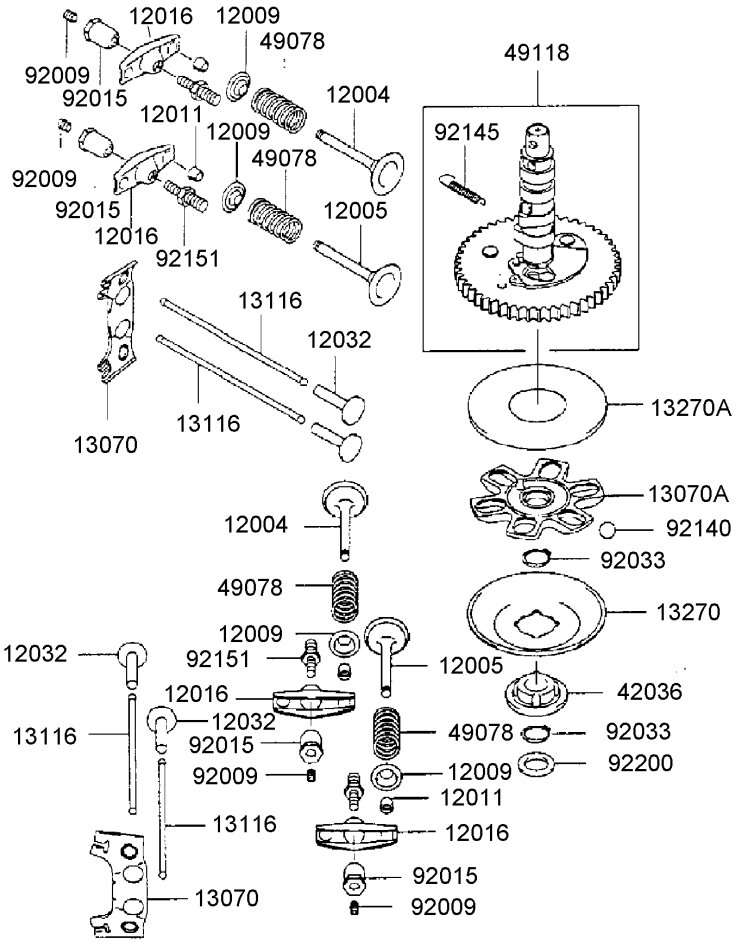
Engine and Muffler Assembly

Ref	Part No.	Qty.	Description
❶1		1	Engine-Kawasaki, Fh500v-As29
2	3217-6	2	Nut-Hex
3	32152-1	1	Nut-Lock, NI
4	3255-8	2	Washer-Lock
5	3296-29	3	Nut-Lock, NI
6	322-7	2	Screw-HH
7	100-6467	1	Muffler
8	100-6468	1	Clamp-Muffler
9	63-8440	1	Decal-Surface, Hot
10	3256-23	1	Washer-Flat
11	2412-93	1	Clamp-R
12	322-9	2	Screw-HH
13	51-4540-03	1	Retainer-Clutch
14	94-5847-01	1	Cover-Pulley
15	3212-9	1	Screw-HH
16	112843	1	Washer
17	105-2635	1	Clutch/brake
18	608006	1	Key-Square
20	105-0827	1	Pulley-Drive



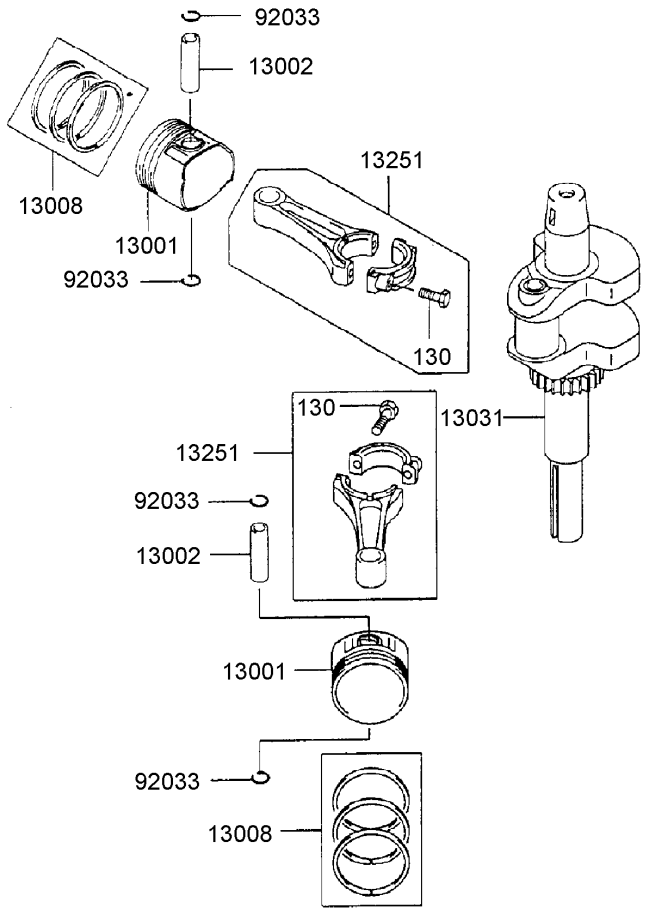
Cylinder/Crankcase Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷11004	11004-7001	2	Gasket-Head
❷11008	11008-7001	1	Head-Comp-Cylinder No. 1
❷11008A	11008-7002	1	Head-Comp-Cylinder
❷11022	11022-7001	2	Case-Rocker
❷11060	11060-7001	2	Gasket-Rocker, Case
❷11060A	11060-7008	1	Gasket,crankcase Cover
❷11060B	11060-7015	1	Gasket, Breather
❷14090	14090-7001	1	Cover, Breather
❷49015	49015-6215	1	Cover-Crankcase
❷49109	49109-7002	1	Element-Breather
❷49120	49120-6119	1	Crankcase-Comp
❷92033	92033-7003	2	Ring-Snap
❷92043	92043-7001	6	Pin
❷92049	92049-7001	4	Seal-Oil, Rvc2
❷92049A	92049-7002	1	Seal-Oil
❷92049B	92049-7004	1	Seal-Oil
❷92049C	92049-7005	1	Seal-Oil
❷130	130B0612	4	Bolt-Flanged
❷130A	130B0640	4	Bolt-Flanged
❷130B	130T0850	17	Bolt-Flanged
❷130C	130T0875	2	Bolt-Flanged
❷172	172G0818	4	Bolt-Stud



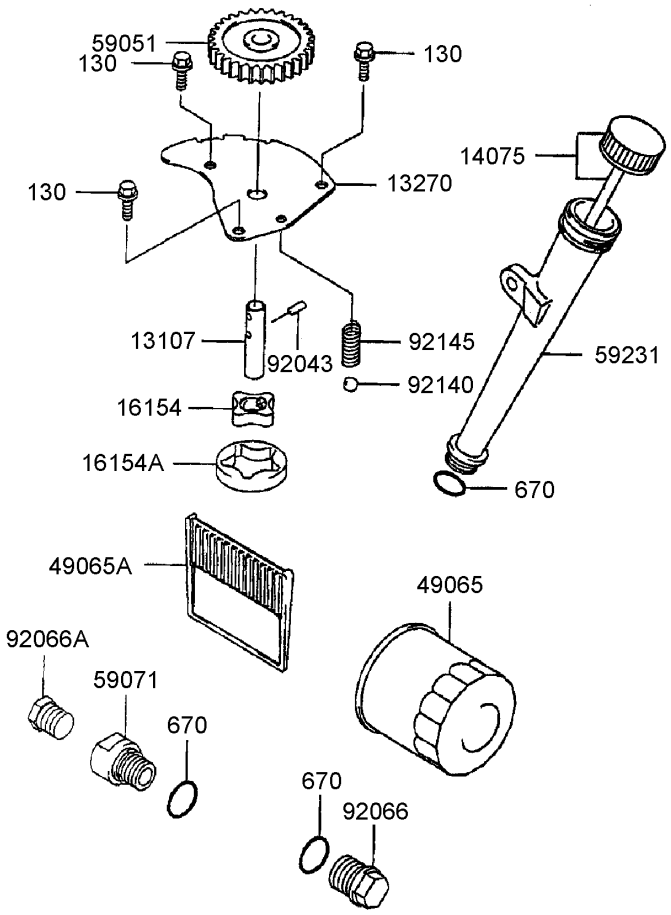
Valve/Camshaft Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷12004	12004-7001	2	Valve-Intake
❷12005	12005-7001	2	Valve-Exhaust
❷12009	12009-7001	4	Retainer-Valve, Spring
❷12011	12011-2056	8	Collet
❷12016	12016-7001	4	Arm-Rocker
❷12032	12032-7001	4	Tappet
❷13070	13070-7001	2	Guide
❷13070A	13070-7002	1	Guide
❷13116	13116-2057	4	Rod-Push
❷13270	13270-7002	1	Plate
❷13270A	13270-7003	1	Plate
❷42036	42036-7001	1	Sleeve
❷49078	49078-7001	4	Spring-Engine, Valve
❷49118	49118-7002	1	Camshaft-Comp
❷92009	92009-2341	4	Screw
❷92015	92015-2253	4	Nut
❷92033	92033-7001	2	Ring-Snap
❷92140	92140-7002	6	Ball
❷92145	92145-7001	1	Spring
❷92151	92151-7001	4	Bolt
❷92200	92200-7001	1	Washer



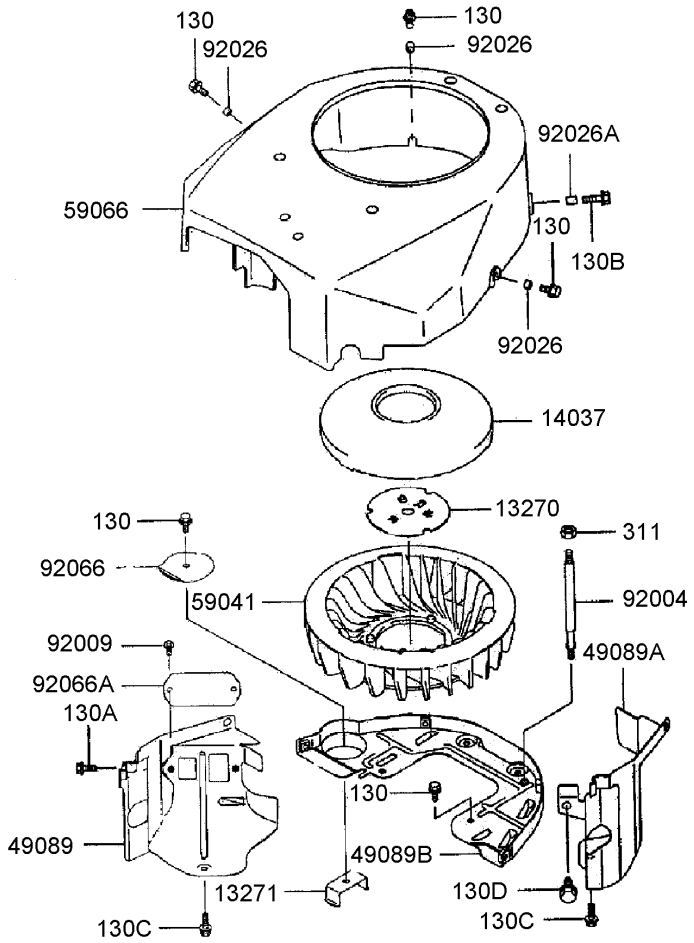
Piston/Crankshaft Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷13001	13001-7001	2	Piston-Engine
❷13002	13002-7001	2	Pin-Piston
❷13008	13008-6055	2	Ring-Set-Piston
❷13031	13031-7001	1	Crankshaft-Comp
❷13251	13251-7001	2	Rod-Assy-Connecting
❷92033	92033-7002	4	Ring-Snap
❷130	130G0630	4	Bolt-Flanged



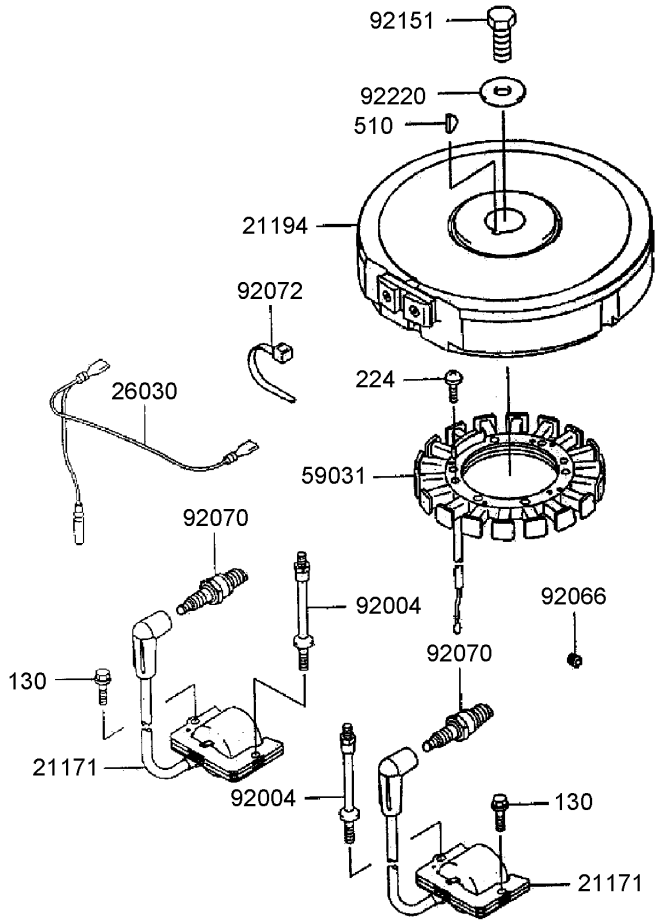
Lubrication Equipment Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷13107	13107-2099	1	Shaft-Oil Pump
❷13270	13270-7004	1	Plate
❷14075	14075-7001	1	Cap ASM
❷16154	16154-2053	1	Rotor-Pump, In
❷16154A	16154-2054	1	Rotor-Pump, Out
❷49065	49065-2078	1	Filter-Oil
❷49065A	49065-7001	1	Filter-Oil
❷59051	59051-7004	1	Gear-Spur
❷59071	59071-7004	1	Joint
❷59231	59231-7001	1	Filler
❷92043	92043-7003	1	Pin
❷92066	92066-7003	1	Plug
❷92066A	92066-7006	1	Plug
❷92140	92140-7003	1	Ball
❷92145	92145-7002	1	Spring
❷130	130B0612	3	Bolt-Flanged
❷670	670D2016	3	O-Ring



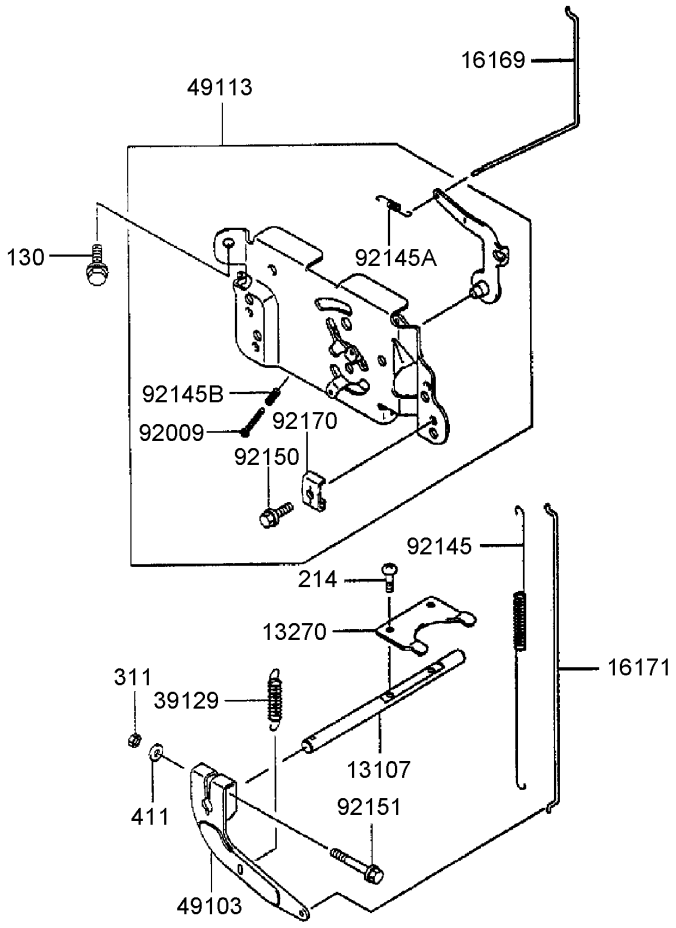
Cooling Equipment Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷130	130B0612	6	Bolt-Flanged
❷130A	130B0616	2	Bolt-Flanged
❷130B	130B0620	1	Bolt-Flanged
❷130C	130B0625	2	Bolt-Flanged
❷130D	130B0816	1	Bolt-Flanged
❷13270	13270-7007	1	Plate
❷13271	13271-7002	1	Plate
❷14037	14037-7002	1	Screen
❷311	311B0600	2	Nut-Hex
❷49089	49089-7001	1	Shroud-Engine
❷49089A	49089-7002	1	Shroud-Engine
❷49089B	49089-7003	1	Shroud-Engine
❷59041	59041-7001	1	Fan
❷59066	59066-7002	1	Housing-Fan
❷92004	92004-7006	1	Stud
❷92009	92009-2308	1	Screw
❷92026	92026-7001	3	Spacer, 6.2x7.9x5
❷92026A	92026-7003	1	Spacer
❷92066	92066-7004	1	Plug
❷92066A	92066-7004	1	Plug



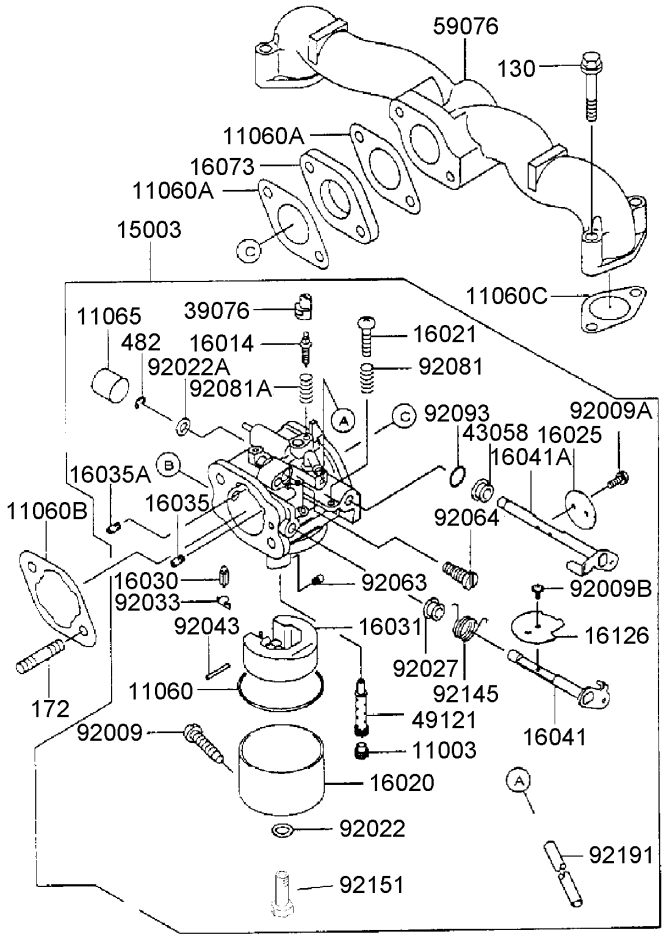
Electrical Equipment Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷21171	21171-7001	2	Ignition Coil ASM
❷21194	21193-7001	1	Flywheel-Assy
❷26030	26030-7001	1	Harness
❷59031	59031-7002	1	Coil-Charging
❷92004	92004-2147	2	Stud
❷92066	92066-7002	1	Plug
❷92070	92070-7001	2	Plug-Spark (Rcj8y)
❷92072	92072-7001	2	Band
❷92151	92151-2097	1	Bolt, 12x30
❷92220	92220-7002	1	Washer
❷130	130B0620	2	Bolt-Flanged
❷224	224B0520	4	Screw-Pan, Wp (Cross)
❷510	510A5100	1	Key-Woodruff



Control Equipment Assembly
Kawasaki FH500V-AS25

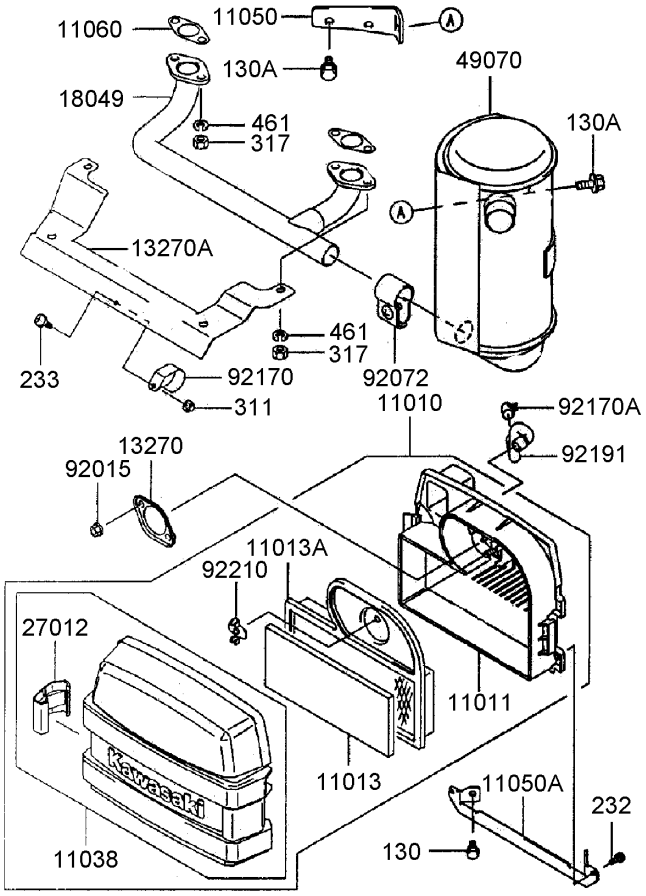
Ref	Part No.	Qty.	Description
❷13107	13107-7002	1	Shaft
❷13270	13270-7006	1	Plate
❷16169	16169-7001	1	Link-Choke
❷16171	16171-7001	1	Link
❷39129	39129-7003	1	Spring-Governor
❷49103	49103-7001	1	Arm-Governor
❷49113	49113-7001	1	Panel-Comp-Control
❷92009	92009-7002	1	Screw, 4x30
❷92145	92145-7003	1	Spring
❷92145A	92145-7004	1	Spring
❷92145B	92145-7005	1	Spring
❷92150	92150-2182	1	Bolt, 5x18
❷92151	92151-7006	1	Bolt, 6x30
❷92170	92170-7001	1	Clamp
❷130	130B0612	2	Bolt-Flanged
❷214	214B0408	2	Screw-Pan
❷311	311B0600	1	Nut-Hex
❷411	411b0600	1	Washer-Plain



Carburetor Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷11003	11003-2105	1	Seat-Valve
❷11060	11060-2406	1	Gasket, Chamber
❷11060A	11060-7003	2	Gasket-Insulator
❷11060B	11060-7004	1	Gsket-Air Filter
❷11060C	11060-7005	2	Gasket, Manifold
❷11065	11065-2061	1	Cap
❷15003	15003-2698	1	Carburetor-Assy
❷16014	16014-2080	1	Screw-Pilot Air
❷16020	16020-2141	1	Chamber-Float
❷16021	16021-2060	1	Screw-Throttlestop
❷16025	16025-2193	1	Valve-Throttle, #130
❷16030	16030-2067	1	Valve-Float
❷16031	16031-2066	1	Float
❷16035	16035-2060	1	Jet-Air, #1.7
❷16035A	16035-2061	1	Jet-Air, #1.2
❷16041	16041-2252	1	Shaft-Carburetor, Choke
❷16041A	16041-2253	1	Shaft-Carburetor, Throttle
❷16073	16073-7001	1	Insulator
❷16126	16126-2219	1	Valve
❷39076	39076-2053	1	Limiter
❷43058	43058-3716	1	Ring
❷49121	49121-2222	1	Nozzle-Main
❷59076	59076-7001	1	Manifold-Intake
❷92009	92009-2015	1	Screw

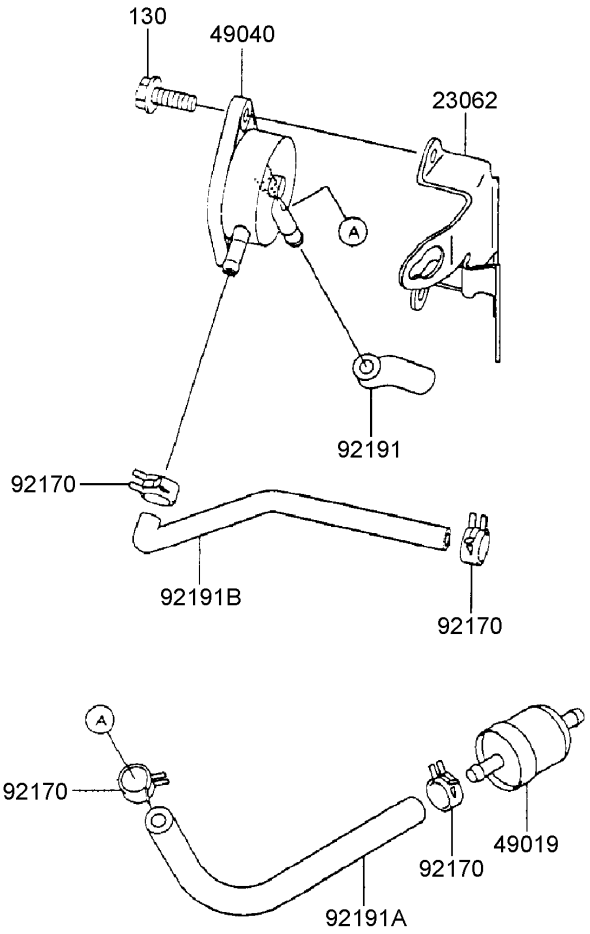
Ref	Part No.	Qty.	Description
❷92009A	92009-2024	2	Screw
❷92009B	92009-2081	1	Screw
❷92022	92022-2231	1	Washer
❷92022A	92022-2239	1	Washer
❷92027	92027-2025	1	Collar
❷92033	92033-2067	1	Ring-Snap
❷92043	92043-2226	1	Pin
❷92063	92063-2358	1	Jet-Main
❷92064	92064-2125	1	Jet-Pilot
❷92081	92081-2009	2	Spring
❷92081A	92081-2256	1	Spring
❷92093	92093-2002	1	Seal
❷92145	92145-2061	1	Spring
❷92151	92151-2092	1	Bolt
❷92191	92191-7008	1	Tube
❷130	130B0635	4	Bolt-Flanged
❷172	172G0685	2	Bolt-Stud
❷482	482L4000	1	Circlip-Type-E



Air Filter/Muffler Assembly
Kawasaki FH500V-AS25

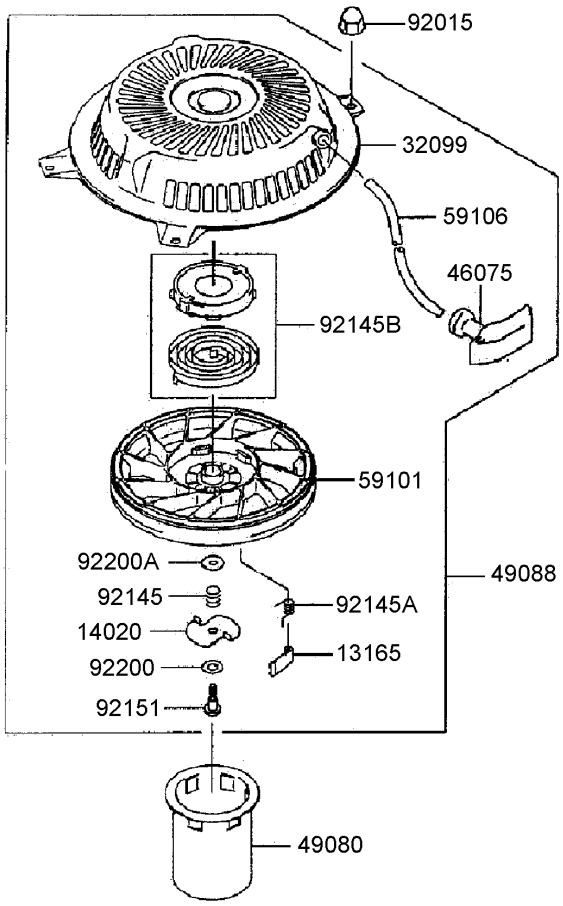
Ref	Part No.	Qty.	Description
❷11010	11010-7001	1	Air Filter ASM
❷11011	11011-7001	1	Case-Air Filter
❷11013	11013-7001	1	Element-Air Filter
❷11013A	11013-7002	1	Element-Air Filter
❷11038	11038-7001	1	Case-ASM-Air Filter
❷11050	11050-7004	1	Bracket
❷11050A	11050-7006	1	Bracket
❷11060	11060-7006	2	Gasket, Muffler
❷13270	13270-7001	1	Plate
❷13270A	13270-7008	1	Plate
❷18049	18049-7001	1	Pipe-Exhaust
❷27012	27012-7001	2	Hook,air Filter
❷49070	49070-7002	1	Muffler-Comp
❷92072	92072-7002	1	Band
❷92015	92015-1193	2	Nut
❷92170	92170-7002	1	Clamp
❷92170A	92170-7003	1	Clamp
❷92191	92191-7001	1	Tube
❷92210	92210-7004	1	Nut
❷130	130B0612	2	Bolt-Flanged
❷130A	130B0816	2	Bolt-Flanged
❷232	232B0514	2	Screw-Pan-Ws+-
❷233	233B0416	1	Screw-Pan, Wp
❷311	311B0400	1	Nut-Hex

Ref	Part No.	Qty.	Description
❷317	317R0800	4	Nut-Hex (Small)
❷461	461F0800	4	Washer-Spring



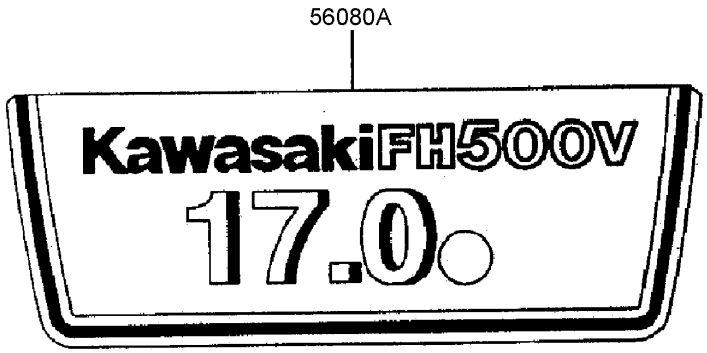
Fuel Tank/Fuel Valve Assembly
Kawasaki FH500V-AS25

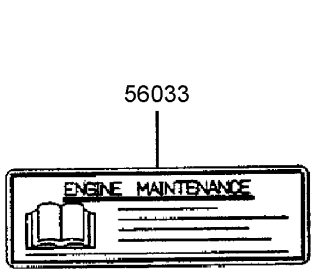
Ref	Part No.	Qty.	Description
❷23062	23062-7001-9H	1	Bracket-Comp
❷49019	49019-7001	1	Filter-Fuel
❷49040	49040-2075	1	Pump-Fuel
❷92170	92170-2088	4	Clamp
❷92191	92191-7002	1	Tube
❷92191A	92191-7003	1	Tube, 6.35x12.7x160
❷92191B	92191-7004	1	Tube
❷130	130B0620	2	Bolt-Flanged



Starter Assembly
Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷13165	13165-700	2	Pawl, Recoil Starter
❷14020	14020-7001	1	Retainer
❷32099	32099-7001	1	Case, Recoil Starter
❷46075	46075-7001	1	Grip-Recoil, Starter
❷49080	49080-7001	1	Pulley-Starting
❷49088	49088-7001	1	Starter-Recoil
❷59101	59101-7001	1	Reel-Recoil, Starter
❷59106	59106-7001	1	Rope
❷92015	92015-1170	4	Nut
❷92145	92145-7006	1	Spring
❷92145A	92145-7007	2	Spring
❷92145B	92145-7008	1	Spring
❷92151	92151-7008	1	Bolt
❷92200	92200-7004	1	Washer
❷92200A	92200-7005	1	Washer







Decals Kawasaki FH500V-AS25

Ref	Part No.	Qty.	Description
❷56033	56033-7001	1	Label-Manual
❷56080	56080-2077	1	Label-Brand
❷56080A	56080-7001	1	Decal-Brand

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