



Mid-Size Mower

ProLine Hydro with 52" Side Discharge Mower

Model No. 30297—210000001 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.

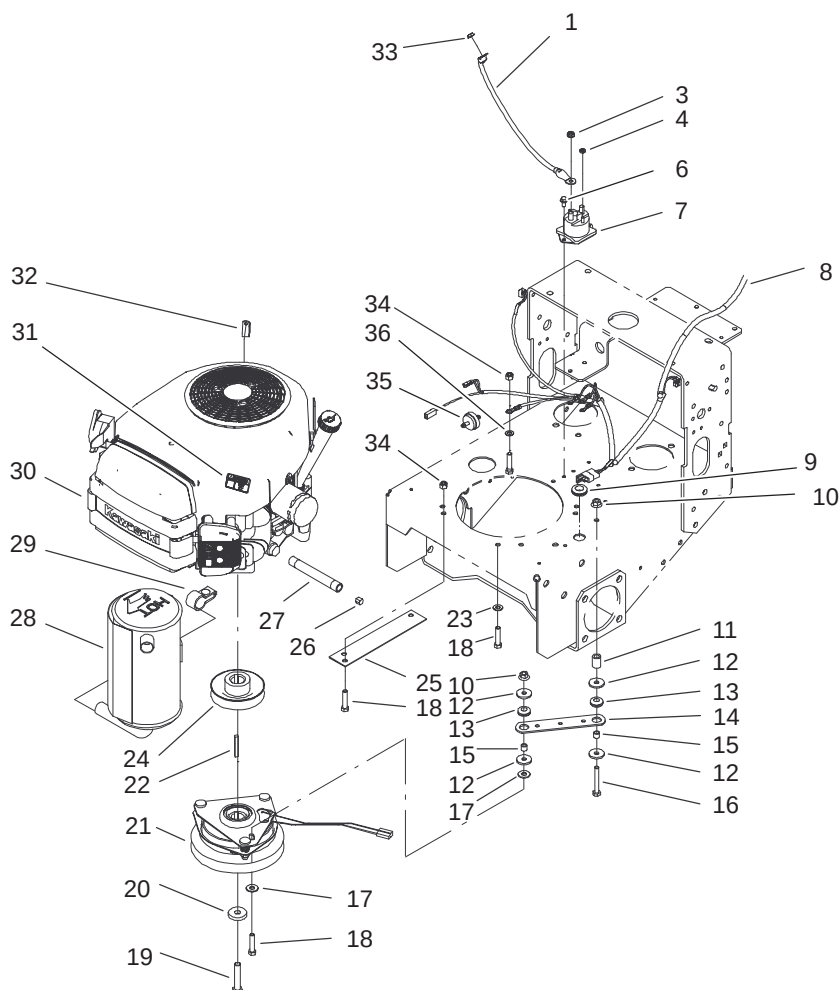
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HYD	hydraulic
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange	SFH	slotted fillister head
HLH	hex lag head	SHH	slotted hex head
HJ	hex jam	SQH	square head
HOC	height-of-cut	SHWH	slotted hex washer head
HS	hex socket	SPH	slotted pan head
HSBH	hex socket button head	SRH	slotted round head
HSFH	hex socket flat head	STD	standard
HSH	hex socket head	TAP	self tapping
HWH	hex washer head	TTH	Torx truss head
HWHTF	hex washer head thread forming	WH	wing head

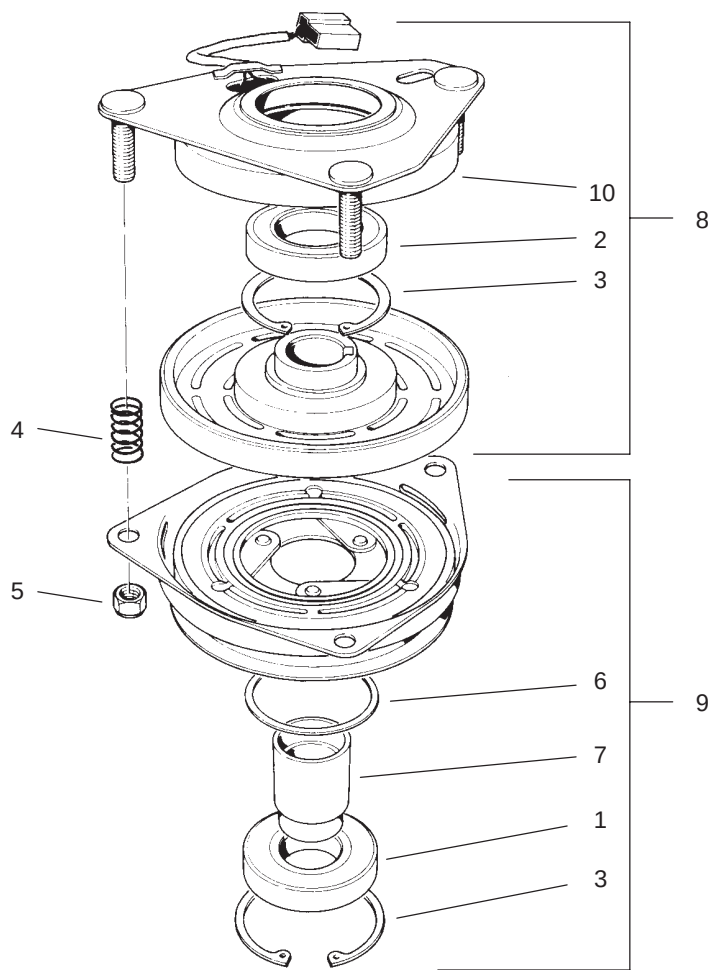


Sheet No.:3

Engine and Clutch Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	105-0834	1	Cable-Battery, Red	☆30		1	Engine-Kawasaki, Fh500v-As30
3	32149-1	2	Nut	31	63-8440	1	Decal-Surface, Hot
4	32149-8	2	Nut-Keps	32	2412-87	1	Clamp-Cable
6	32144-4	2	Screw-HWH	33	32149-2	1	Nut
7	28-4210	1	Solenoid	34	3296-29	4	Nut-Lock
8	104-8138	1	Wire Harness	35	56-6360	1	Filter-Fuel
9	237-124	1	Grommet	36	3255-8	1	Washer-Lock/Ext
10	32128-20	2	Nut-HF				
11	104-6373	1	Tube - Retainer				
12	1-613235	4	Washer				
13	1-633630	2	Grommet-Brake				
14	1-633543	1	Strap-Clutch/Brake				
15	1-633545	2	Spacer-Grommet				
16	322-11	1	Screw-HH				
17	3256-3	2	Washer-Flat				
18	322-7	5	Screw-HH				
19	3212-9	1	Screw-HH				
20	112843	1	Washer				
21	54-3200	1	Clutch/Brake				
22	608006	1	Key				
23	3256-23	2	Washer-Flat				
24	44-5940	1	Pulley				
25	94-5847-01	1	Cover - Pulley				
26	288-10	1	Cap-Pipe				
27	289-19	1	Nipple				

☆ Not serviced



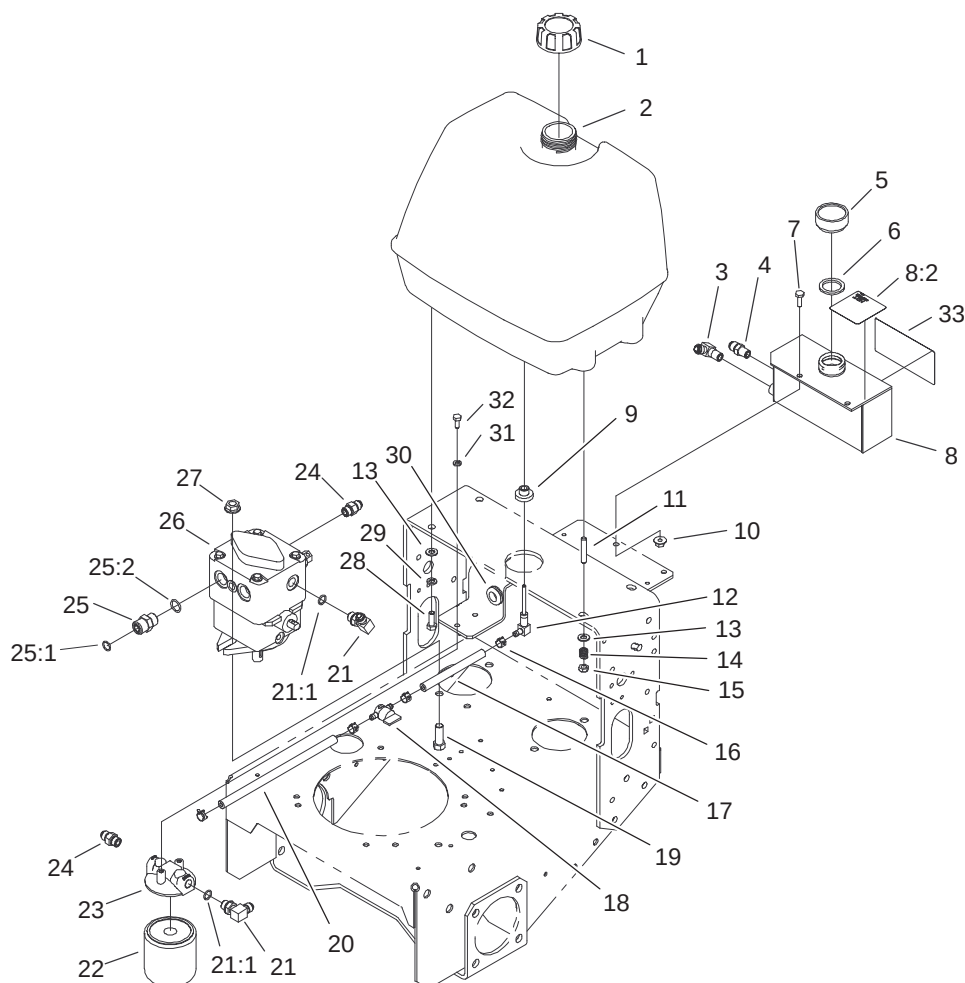
Sheet No.:A1

T-3726

Clutch Assembly No. 54-3200

Ref. No.	Part No.	Qty.	Description
1	251-291	1	Bearing-Pulley
2	251-292	1	Bearing-Field
3	44-8310	2	Ring-Retaining
4	44-8320	3	Spring
5	3296-6	3	Nut-Lock, NI
6	44-8330	1	Spacer-Bearing, Pulley
7	44-8340	1	Collar-Bearing
8	44-8360	1	Field Coil-Rotor / Bearing ASM
9	44-8370	1	Armature / Pulley / Bearing ASM
10	54-0230	1	Field Bearing ASM

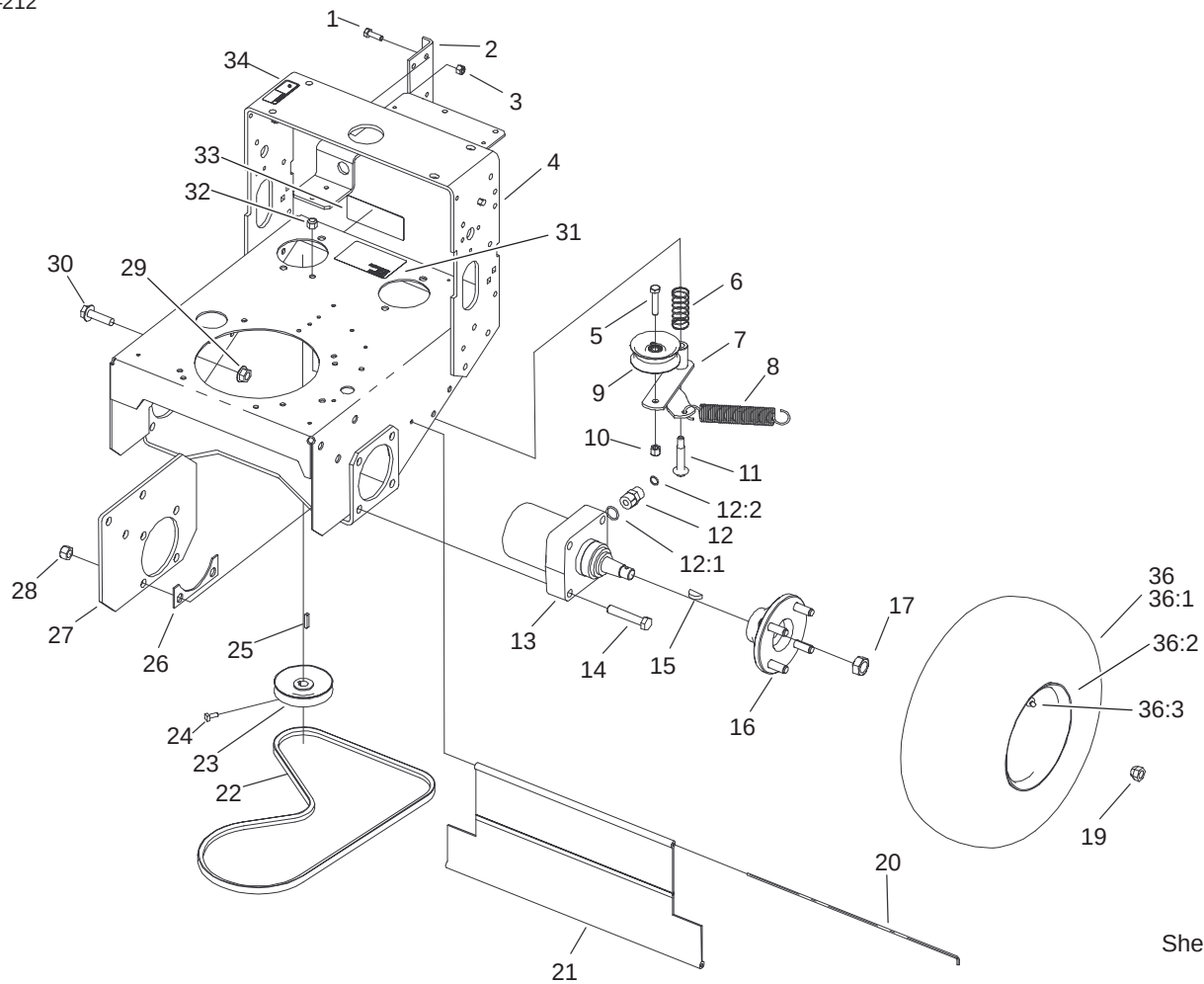
Ref. No.	Part No.	Qty.	Description



Sheet No.:4

Fuel Tank, Hydraulic Tanks, Pump and Filter Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	55-3570	1	Gas Cap ASM	24	353-384	3	Fitting-Straight
2	1-323551	1	Tank-Fuel	25	340-4	4	Adapter
3	1-603988	1	Fitting-Elbow	25:1	237-30	1	O-Ring
4	1-513510	1	Fitting-Straight	25:2	237-79	1	O-Ring
5	1-513167	1	Cap	26	104-1167	2	Pump-Hydraulic
6	1-523103	1	Gasket-Cap, Tank	27	32128-42	4	Nut-HF
7	321-4	2	Screw-HH	28	322-4	2	Screw-HH
8	99-4625	1	Hydraulic Tank ASM	29	3253-4	2	Washer-Lock
8:2	1-523552	1	Decal-Tank, Hydraulic	30	237-124	1	Grommet
9	1-513645	1	Bushing-Valve, Fuel	31	3253-3	2	Washer-Lock
10	32128-33	2	Nut-HF	32	321-3	2	Screw-HH
11	104-8121	2	Stud-Threaded	33	104-8172	1	Decal-Mobil 1
12	1-543277	1	Elbow-Tank, Fuel				
13	3256-23	4	Washer-Flat				
14	1-633349	2	Spring-Tank, Fuel				
15	3296-47	2	Nut-Lock, NI				
16	2412-98	4	Clamp				
17	47-2980	1	Hose-Gas				
18	1-603770	1	Valve-Fuel				
19	324-5	4	Screw-HH				
20	47-2982	1	Hose-Gas				
21	105-0858	3	Fitting-90°				
21:1	237-42	1	O-Ring				
22	1-633750	1	Filter-HYD				
22	1-633752	1	Filter-HYD, Winter				
23	104-7836	1	Head - Filter				

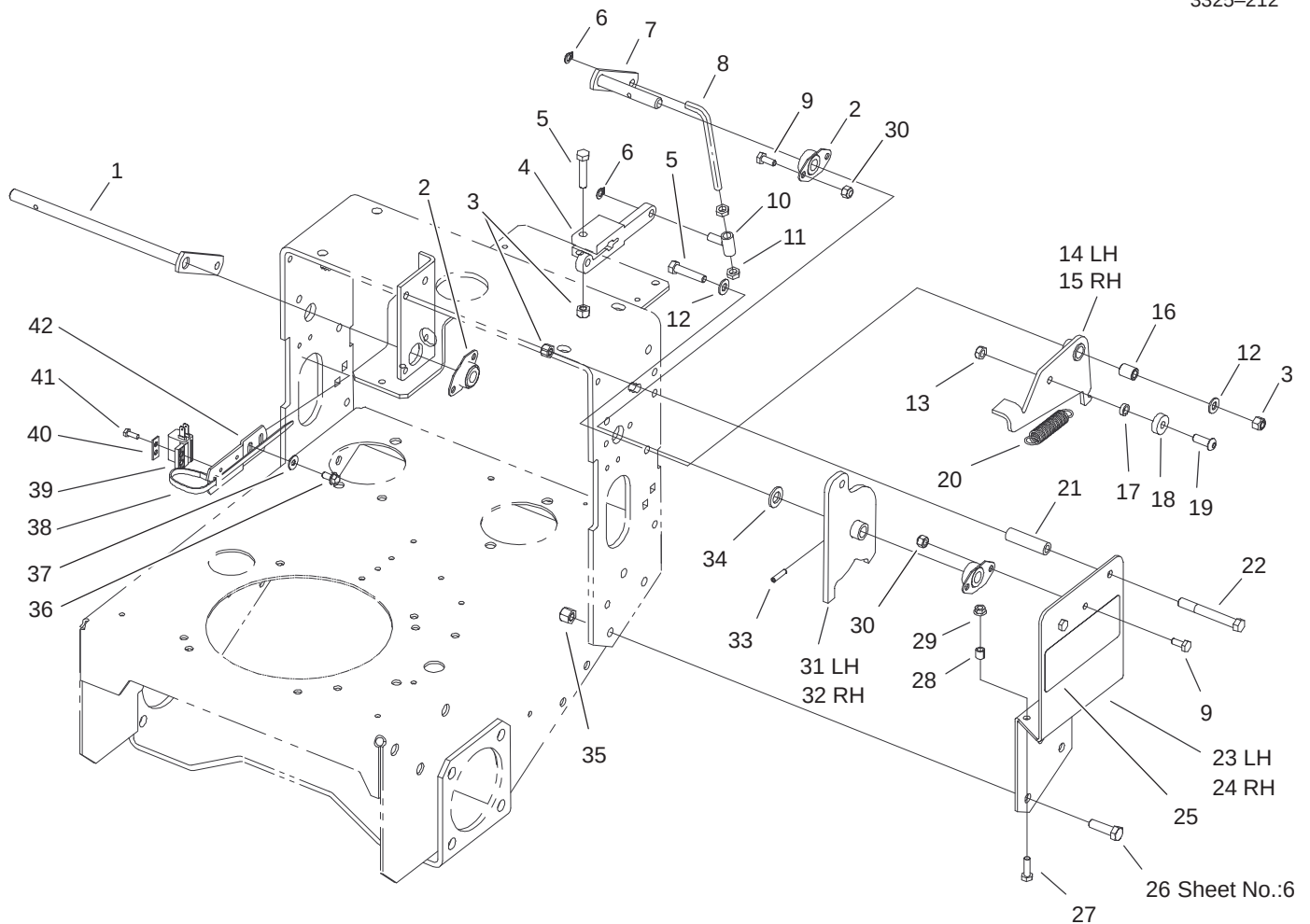


Sheet No.:5

Wheel Motors, Pump Belt and Pump Idler Assembly

Ref. No.	Part No.	Qty.	Description
1	322-5	2	Screw-HH
2	105-0876-01	1	Bracket-Bushing
3	3296-29	2	Nut-Lock
4	104-1100-01	1	Frame ASM
5	323-9	1	Screw-HH
6	88-1880	1	Spring-Compression
7	86-4770	1	Idler Lever ASM
8	68-2190	1	Spring-Extension
9	62-4540	1	Pulley
10	3296-39	1	Nut-Lock, NI
11	27-6230	1	Bolt-Wheel
12	340-6	4	Fitting-HYD, Straight
12:1	237-30	1	O-Ring
12:2	237-80	1	O-Ring
13	104-1171	2	Motor-Wheel
14	325-11	8	Screw-HH
15	80-6090	2	Key - Pump
16	105-0800	2	Wheel Hub/Stud ASM
17	85-7310	2	Nut-Motor, Wheel
19	242-50	8	Nut-Lug
20	95-1529	1	Rod-Shield
21	95-1526	1	Shield-Trailing
22	82-4110	1	V-Belt
23	95-1528	2	Pulley - Pump
24	3241-5	4	Screw-Set
25	3257-8	2	Key-Woodruff

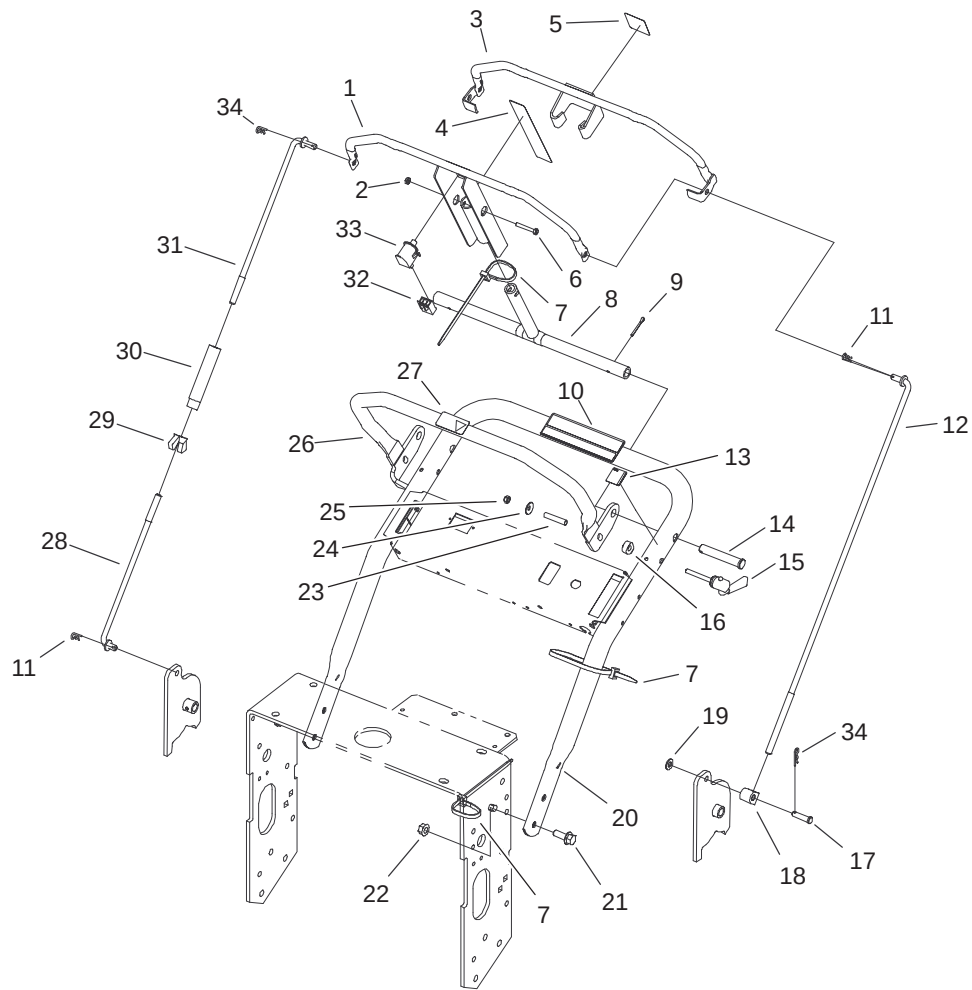
Ref. No.	Part No.	Qty.	Description
26	86-4740-01	2	Spacer - Frame
27	104-6326-01	2	Plate-Frame
28	3296-23	8	Nut-Lock, NI
29	32128-23	6	Nut-HF
30	3234-22	2	Screw-HHF
30	3234-32	4	Screw-HHF
31	95-1543	1	Decal-Adjustment, Valve
32	3296-6	1	Nut-Lock, NI
33	98-0776	1	Decal-Caution
34	95-2814	1	Decal-Shut Off, Fuel
36	104-1198	2	Wheel And Tire ASM
36:1	104-6320	1	Tire
36:2	104-1199	1	Wheel
36:3	232-27	1	Stem-Valve



Lower Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	94-9059	1	Lever-Pivot, RH
2	82-4130	4	Side Flange Bearing ASM
3	3296-29	6	Nut-Lock
4	82-3790	2	Arm-Pump
5	322-7	4	Screw-HH
6	32151-3	4	Ring-Grip, Ex
7	94-9057	1	Lever-Pivot, LH
8	104-8109	2	Rod-Link
9	321-3	8	Screw-HH
10	94-9062	2	Sleeve
11	3218-2	4	Nut-Jam
12	3256-23	4	Washer-Flat
13	3296-47	2	Nut-Lock, NI
14	82-4330-01	1	Arm-Detent, LH
15	82-4340-01	1	Arm-Detent, RH
16	82-4370	2	Bushing-Arm, Detent
17	82-4240	2	Spacer-Bearing
18	251-259	2	Bearing
19	3274-32	2	Screw-HSBH
20	105-1210	2	Spring - Extension
21	82-3920	2	Stop-Reverse
22	322-14	2	Screw-HH
23	104-8106-01	1	Bracket-Pivot, Left
24	104-8107-01	1	Bracket-Pivot, Right
25	82-4600	2	Decal-Hydro

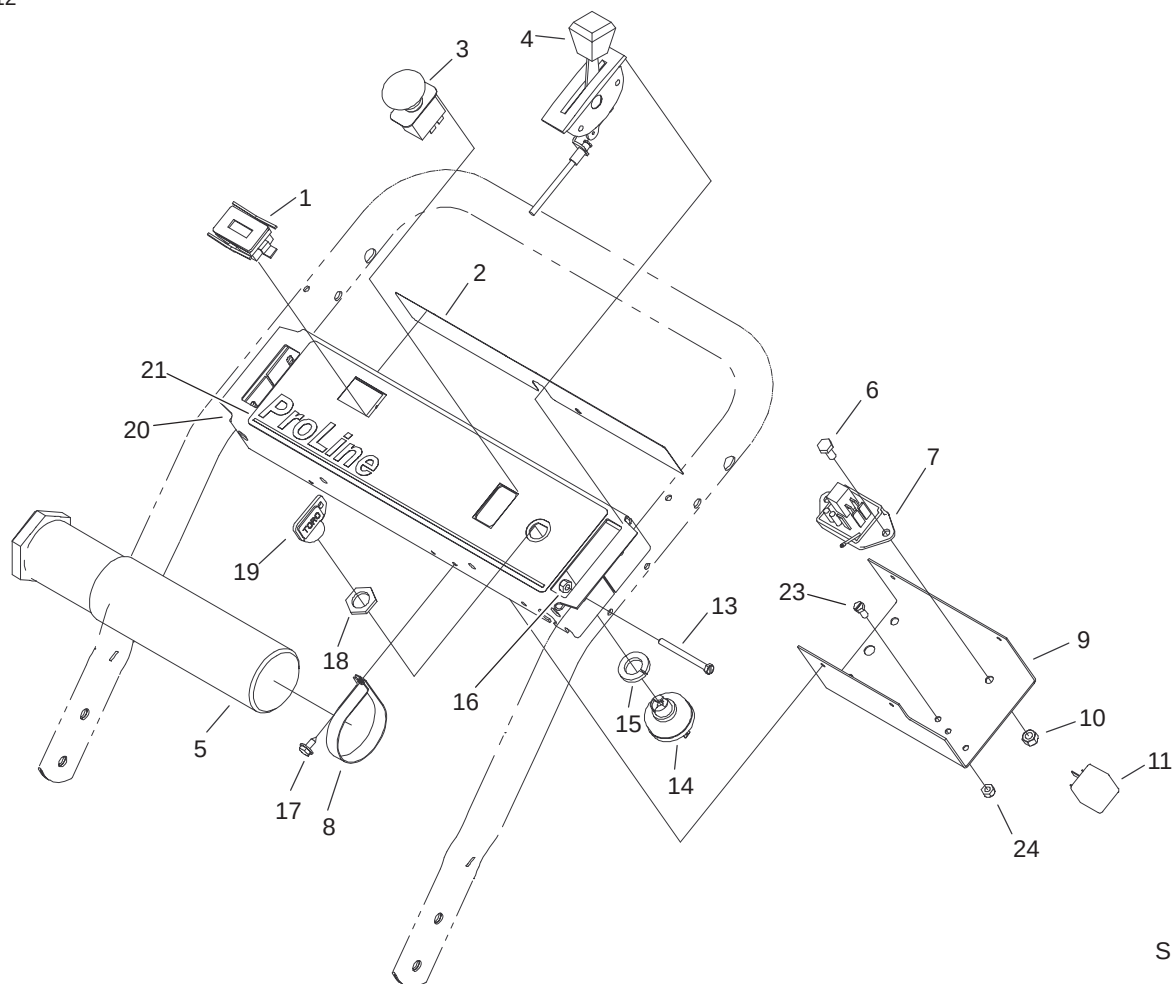
Ref. No.	Part No.	Qty.	Description
26	323-7	6	Screw-HH
27	321-5	2	Screw-HH
28	95-1516	2	Spacer - Tubular
29	32128-10	2	Locknut-Flange
30	3296-42	8	Nut-Lock, NI
31	94-9054-01	1	Arm-Pivot, LH
32	94-9061-01	1	Arm-Pivot, RH
33	32121-4	2	Pin-Roll
34	257-5	2	Washer-Thrust
35	3296-39	6	Nut-Lock, NI
36	32144-4	4	Screw-HWH
37	3256-1	4	Washer-Flat
38	3290-378	2	Tie-Cable
39	65-7410	2	Switch - Single Pole
40	82-4570	2	Switch Plate
41	32144-1	4	Screw-Taprite
42	82-4580-03	2	Bracket - Neutral



Sheet No.:8

Upper Handles Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	104-6380-03	1	Control Bar ASM	26	95-1536-03	1	Handle ASM
2	32153-1	1	Nut-Lock	27	98-4387	1	Decal-Protection, Ear
3	104-6386-03	1	Bail ASM	28	95-1506	1	Rod-Control, Lower
4	95-1524	1	Decal-T Bar	29	32103-3	1	Nut-Wing
5	95-1523	1	Decal-Drive, Traction	30	95-1504	1	Turnbuckle
6	32105-1	1	Screw-SHH	31	95-1505	1	Rod-Control, Upper
7	3290-378	3	Tie-Cable	32	218-595	1	Connector-Body
8	104-6383-03	1	Pivot ASM	33	82-2190	1	Switch-Bail
9	3272-11	2	Pin-Cotter	34	3272-4	2	Pin-Cotter
10	82-4590	1	Decal - Warning				
11	3290-307	2	Pin-Hair				
12	94-9095	1	Rod - Control				
13	95-5862	1	Decal-Lock, Speed				
14	283-55	2	Pin-Clevis				
15	95-5853	2	Quick Release Lock ASM				
16	82-3840	2	Spacer				
17	283-6	1	Pin-Clevis				
18	74-0521	1	Fitting-Rod				
19	3256-23	1	Washer-Flat				
20	95-5856-03	1	Handle - Upper				
21	3234-11	4	Screw-HHF				
22	32128-21	4	Nut-HF				
23	95-5854	2	Sleeve				
24	3290-436	2	Washer-Belleville				
25	33023-00	2	Nut-Lock				

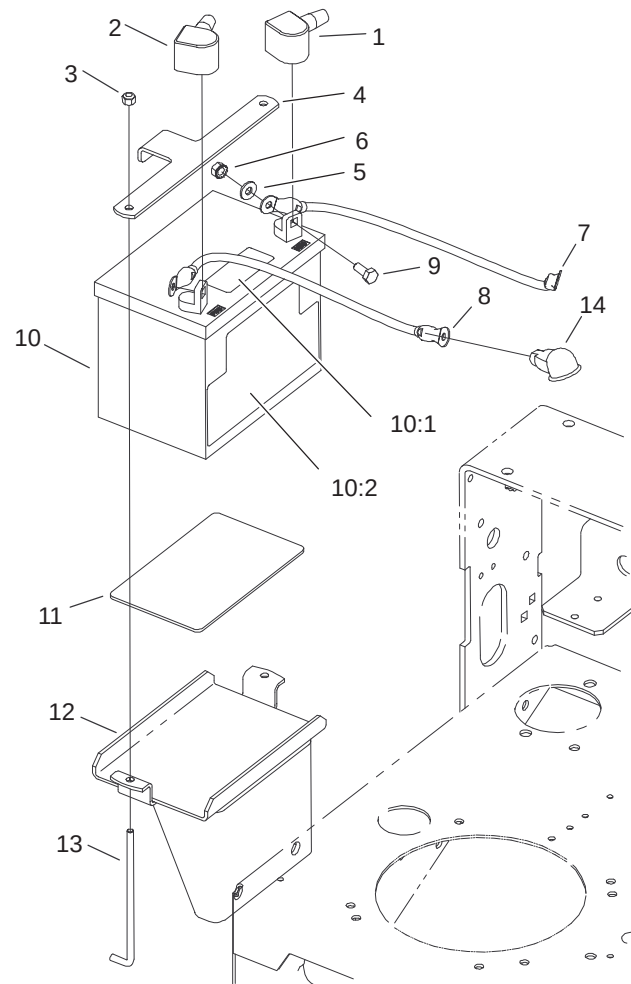


Sheet No.:9

Control Panal Assembly

Ref. No.	Part No.	Qty.	Description
1	104-8143	1	Hourmeter
2	95-1544	1	Decal – Warning
3	104-8140	1	Switch-PTO
4	100-6450	1	Control- Throttle
5	74-0720	1	Tube-Manual
6	321-3	1	Screw-HH
7	104-8141	1	Module-Delay
8	2412-120	2	R-Clamp
9	93-1187-03	1	Panel-Bottom
10	3296-42	1	Nut-Lock, NI
11	98-7249	1	Relay
13	32105-14	4	Screw
14	116338	1	Key-Switch Ass'y
15	3254-5	1	Washer-Lock, Internal
16	3296-2	4	Nut-Lock
17	32104-76	4	Screw
18	218-461	1	Nut-HH
19	63-8360	2	Key-Ignition
20	104-8177-03	1	Panel-Control
21	104-8178	1	Decal-Control Panel
23	32105-8	1	Screw
24	3296-2	1	Nut-Lock

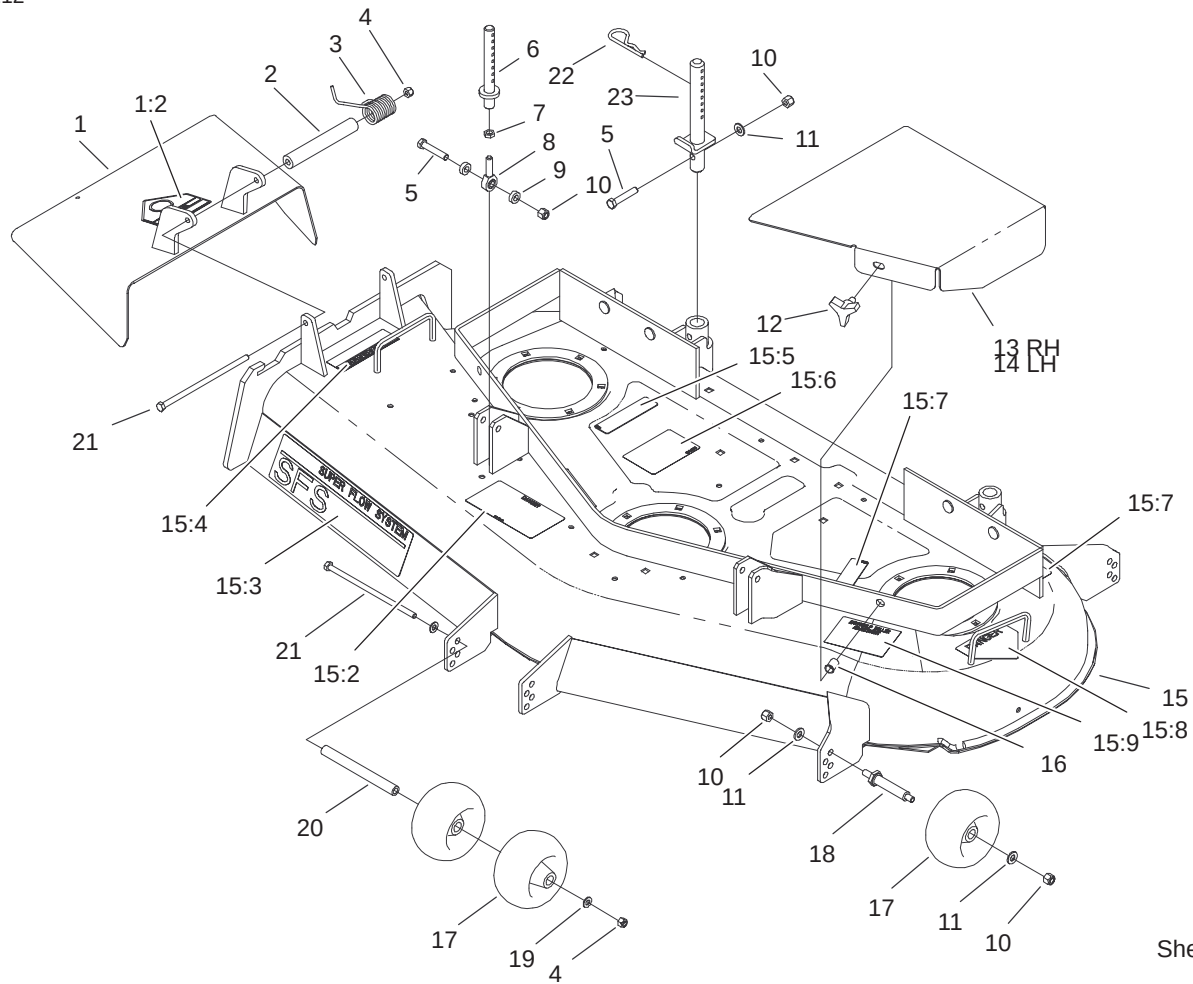
Ref. No.	Part No.	Qty.	Description



Sheet No.:10

Battery Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	77-0981	1	Boot-Terminal				
2	77-0980	1	Boot-Terminal				
3	3296-42	2	Nut-Lock, NI				
4	104-8568-03	1	Plate-Battery Hold Down				
5	3256-2	2	Washer-Flat				
6	32149-1	2	Nut				
7	105-0833	1	Cable-Battery, Black				
8	100-6457	1	Cable-Battery,Red				
9	322-3	2	Screw-HH				
10	104-8162	1	Battery-300 Cca				
10:1	104-4163	1	Decal-Battery				
10:2	104-4164	1	Decal-Battery				
11	62-4300	1	Pad-Anti Skid				
12	105-0804-01	1	Battery Plate ASM				
13	104-8567	2	Holdown-Battery				
14	93-3190	1	Boot-Terminal Insulator				

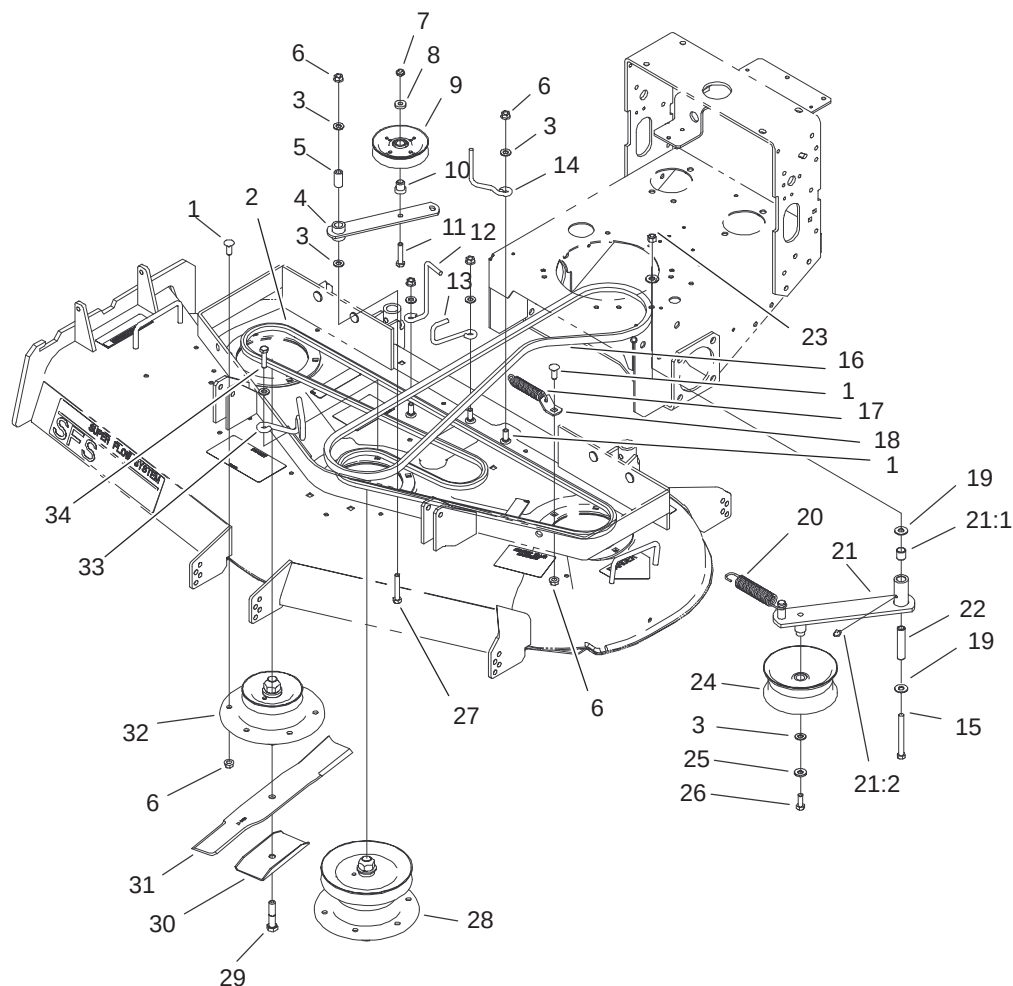


Sheet No.: 2

Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	104-7753	1	Deflector ASM
1:2	54-9220	1	Decal-Danger
2	104-8555	1	Spacer-Mounting, Deflector
3	104-8554	1	Spring-Torsion
4	3296-29	2	Nut-Lock
5	323-10	4	Screw-HH
6	105-0832	2	Link-Support
7	3220-3	2	Nut-Jam
8	1-613204	2	Balljoint, Stud
9	104-1156	4	Spacer
10	3296-39	10	Nut-Lock, NI
11	3256-24	8	Washer-Flat
12	62-6520	2	Knob
13	104-6389-01	1	Cover-Belt, Right
14	104-6388-01	1	Cover-Belt, Left
15	104-6394	1	Deck ASM
15:2	66-1340	1	Decal-Danger
15:3	98-5953	1	Decal-Sfs
15:4	104-8569	1	Decal-Deflector Warning
15:5	67-5360	3	Decal-Danger
15:6	104-8186	1	Decal-Belt Routing
15:7	68-8340	1	Decal-Torque
15:8	43-8480	1	Decal-Danger
15:9	105-0840	1	Decal-Anti Scalp

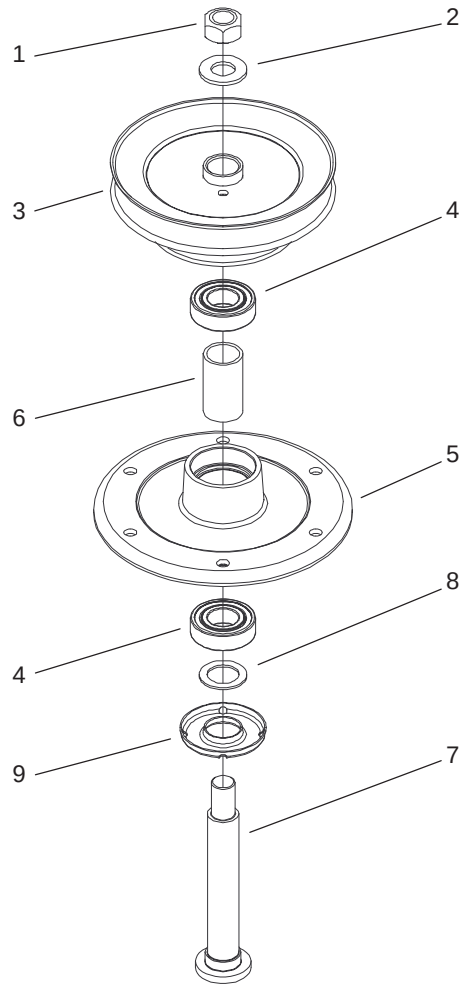
Ref. No.	Part No.	Qty.	Description
16	32148-10	2	Insert-Threaded
17	68-2730	5	Gage-Wheel
18	99-2842	3	Spacer-Wheel
19	3256-23	2	Washer-Flat
20	98-5967	1	Spacer - Wheel
21	322-50	2	Screw-Cap
22	3290-256	6	Pin-Cotter, Hair
23	105-0831	2	Rod ASM



Sheet No.: 3

Spindles, Idler Pulleys, and Belts Assembly

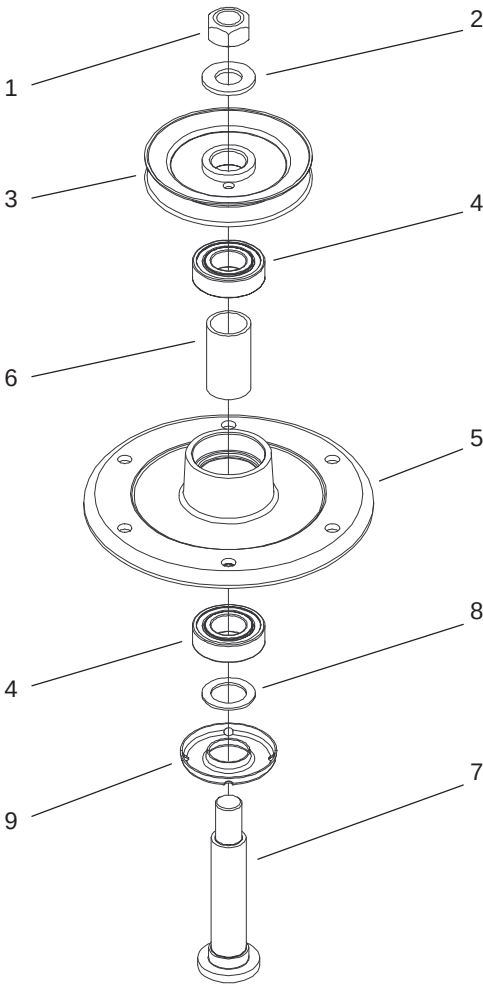
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3231-22	19	Screw-CARR	25	98-5975	1	Washer-Belleville
2	104-6397	1	V-Belt, Deck	26	323-6	1	Screw-HH
3	3256-24	7	Washer-Flat	27	323-11	1	Screw-HH
4	104-6375	1	Idler Arm ASM	28	104-6315	1	Spindle Housing ASM
5	51-3640	1	Sleeve-Pivot, Idler	29	44-2200	3	Screw - Blade
6	32128-21	21	Nut-HF	30	92-9820	3	Stiffener - Blade
7	3296-5	1	Nut-Lock NI	31	27-0990	3	Blade
8	7-0081	1	Washer-Flat	32	104-6317	2	Spindle Housing ASM
9	65-5940	1	Pulley-Idler	33	105-0850	1	Guide-Belt
10	104-6379	1	Bushing-Pulley	34	323-8	1	Screw-HH
11	3211-8	1	Screw-HH				
12	98-5980	1	Guide - Belt				
13	104-6396	1	Guide-Belt				
14	52-4780	1	Rod-Belt				
15	323-42	1	Screw-HH				
16	104-6398	1	V-Belt, PTO				
17	51-3650	1	Spring - Extension				
18	104-6374	1	Plate - Spring				
19	1-809107	2	Washer-Hardened				
20	104-8161	1	Spring-Extension				
21	104-6370	1	Idler Arm ASM				
21:1	1-513034	2	Sleeve-Bearing				
21:2	302-5	1	Fitting-Grease				
22	104-6377	1	Tube - Idler				
23	3296-39	1	Nut-Lock, NI				
24	1-413099	1	Pulley-Idler				



Sheet No.: A1
C-3011

Spindle Housing Assembly No. 104-6315

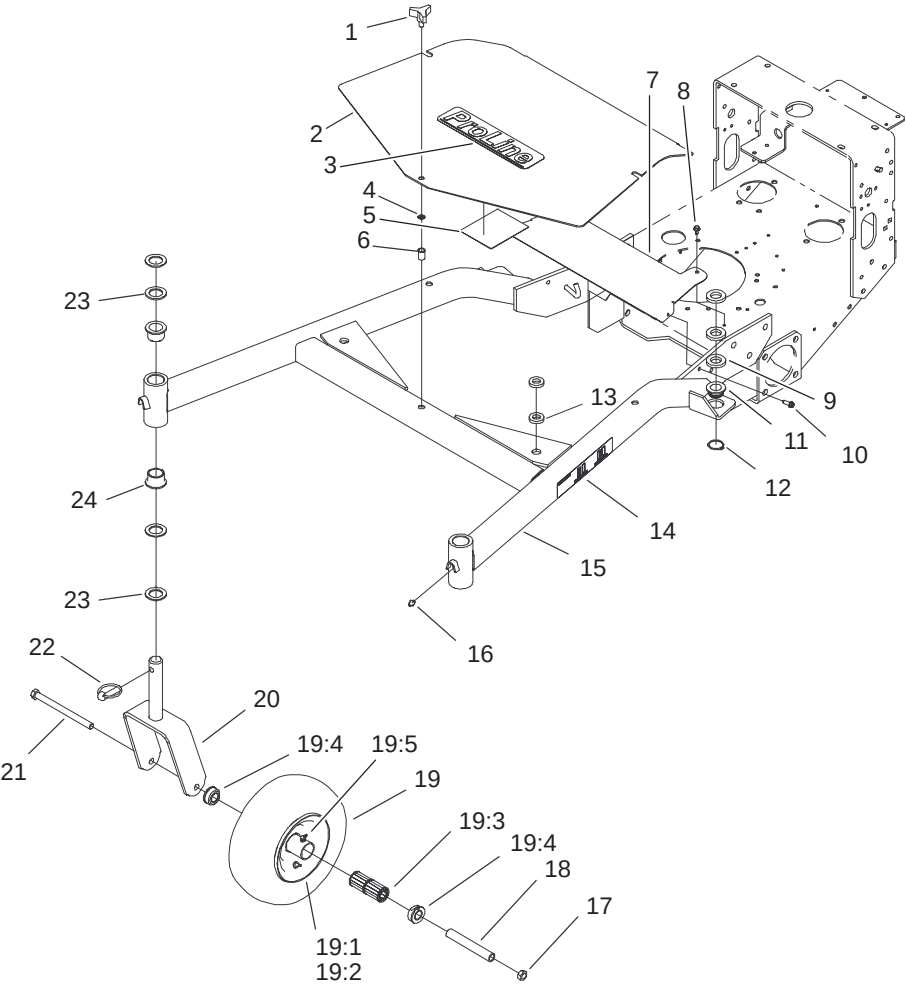
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3219-7	1	Nut-Hex				
2	7-4150	1	Washer-Pinion				
3	104-1117	1	Pulley And Hub ASM				
4	104-6325	2	Bearing				
5	104-6307	1	Spindle Housing				
6	104-6313	1	Spacer-Bearing				
7	104-6311	1	Shaft-Spindle				
8	88-7540	1	Washer - Backup				
9	79-1920	1	Shield-Bearing				



Sheet No.: A2
C-3012

Spindle Housing Assembly No. 104-6317

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3219-7	1	Nut-Hex				
2	7-4150	1	Washer-Pinion				
3	104-1118	1	Pulley And Hub ASM				
4	104-6325	2	Bearing				
5	104-6307	1	Spindle Housing				
6	104-6313	1	Spacer-Bearing				
7	104-6310	1	Shaft-Spindle				
8	88-7540	1	Washer - Backup				
9	79-1920	1	Shield-Bearing				



Sheet No.: 4

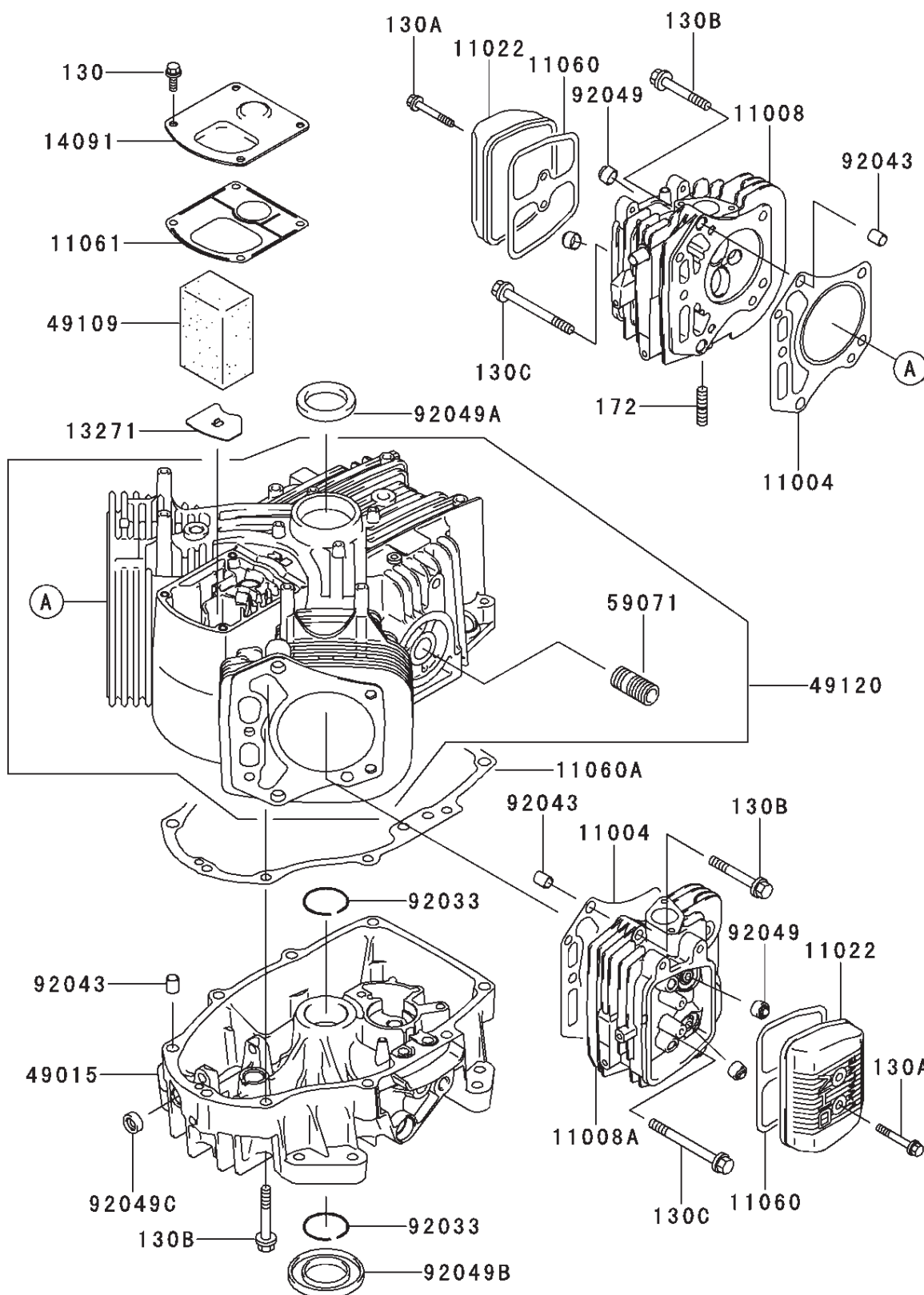
Carrier Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	62-6520	3	Knob
2	104-8153-01	1	Cover-Carrier Frame
3	74-2080	1	Decal-Proline
4	32151-72	1	Ring-Retaining
5	104-8173	1	Decal-Service
5	104-8175	1	Decal-Service
6	32148-10	3	Insert-Threaded
7	105-0845-01	1	Shield-Heat
8	12-3270	2	Screw
9	104-1105	6	Spacer-Deck Support
10	49-2040	2	Screw-Tapping
11	1-513336	2	Bushing - Deck
12	32120-33	2	Ring-Retaining
13	105-0842	4	Spacer
14	104-8171	2	Decal-Height Of Cut
15	104-1109-01	1	Carrier Frame ASM
16	302-5	2	Fitting-Grease
17	32153-5	2	Nut-Lock
18	104-1189	2	Bushing-Spanner
19	104-1170	2	Castor Wheel ASM
19:1	104-1169	1	Tire And Tube ASM
19:2	105-0844	1	Tube-Inner
19:3	62-5570	2	Bearing-Roller
19:4	62-5580	2	Bearing-Outside
19:5	302-11	1	Fitting-Lube, 45°
20	104-1183-01	2	Castor Fork ASM

Ref. No.	Part No.	Qty.	Description
21	325-33	2	Screw-HH
22	283-71	2	Pin-Lynch
23	3-6781	8	Washer-Thrust
24	94-1291	4	Bushing-Special

Cylinder/Crankcase Kawasaki FH500V-AS30

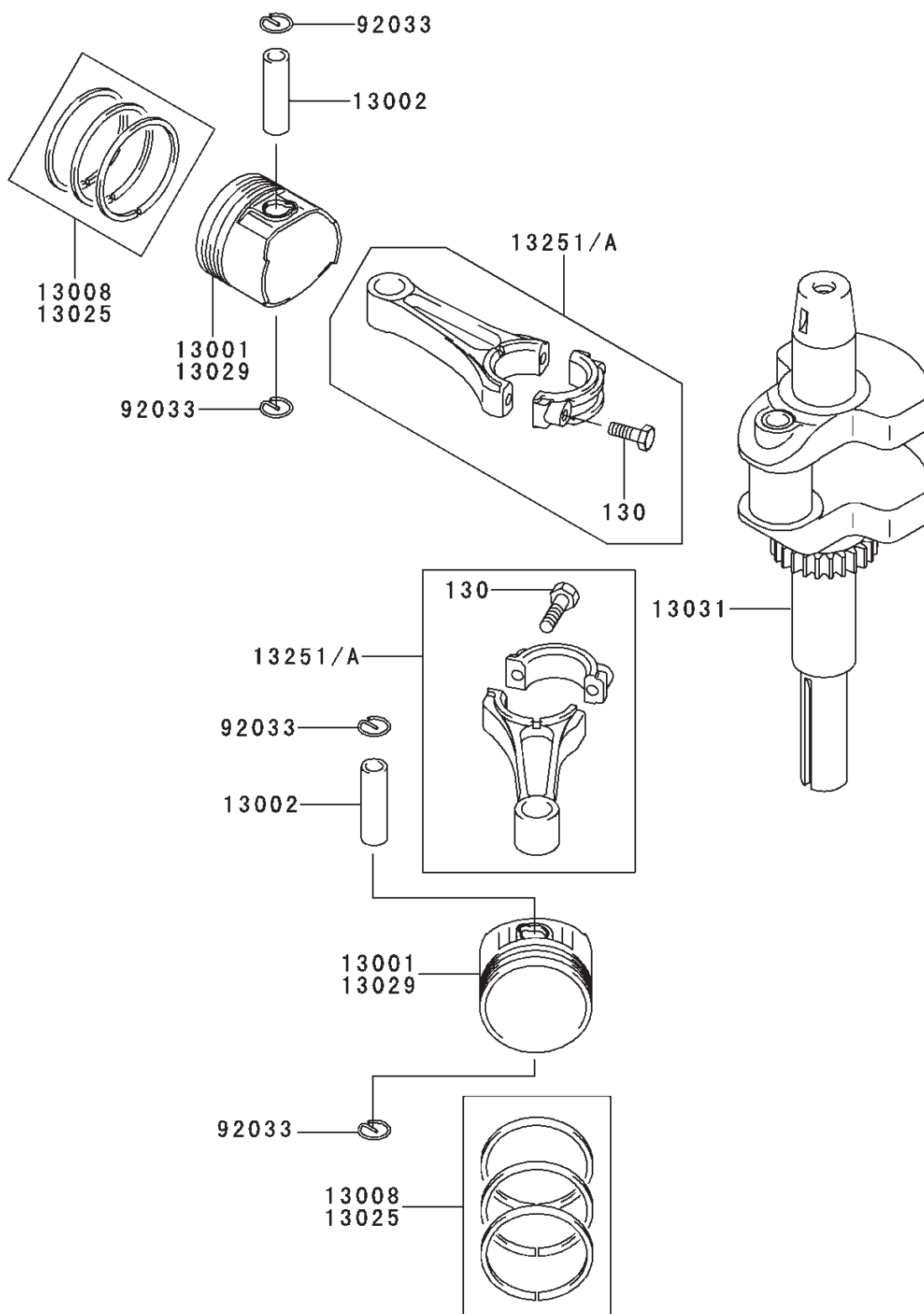
E0110-A356A



Ref. No.	Part No.	Qty.	Description

Piston/Crankshaft Kawasaki FH500V-AS30

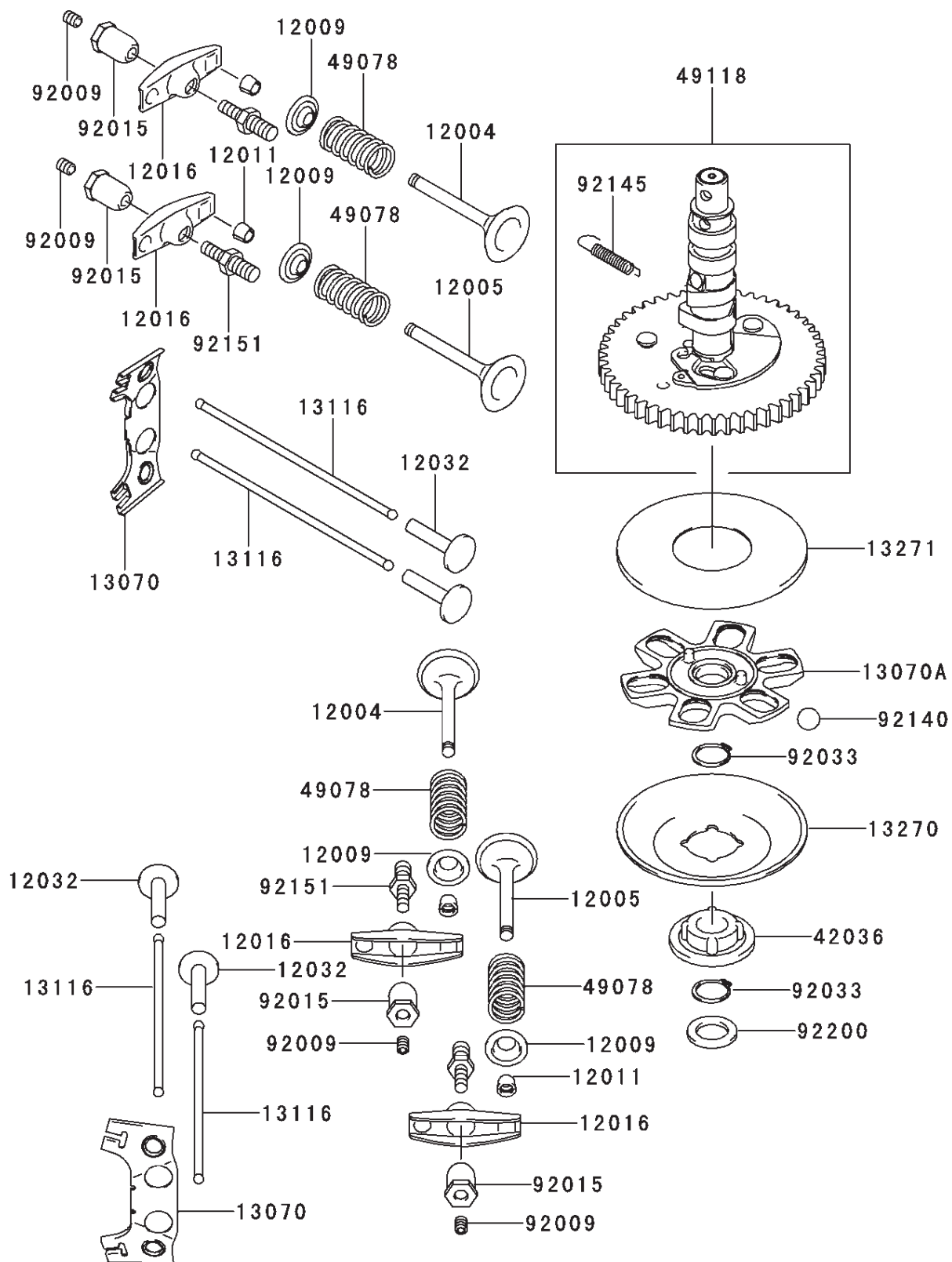
E0120-A186A



Ref. No.	Part No.	Qty.	Description

Valve/Camshaft Kawasaki FH500V-AS30

E0130-A087A

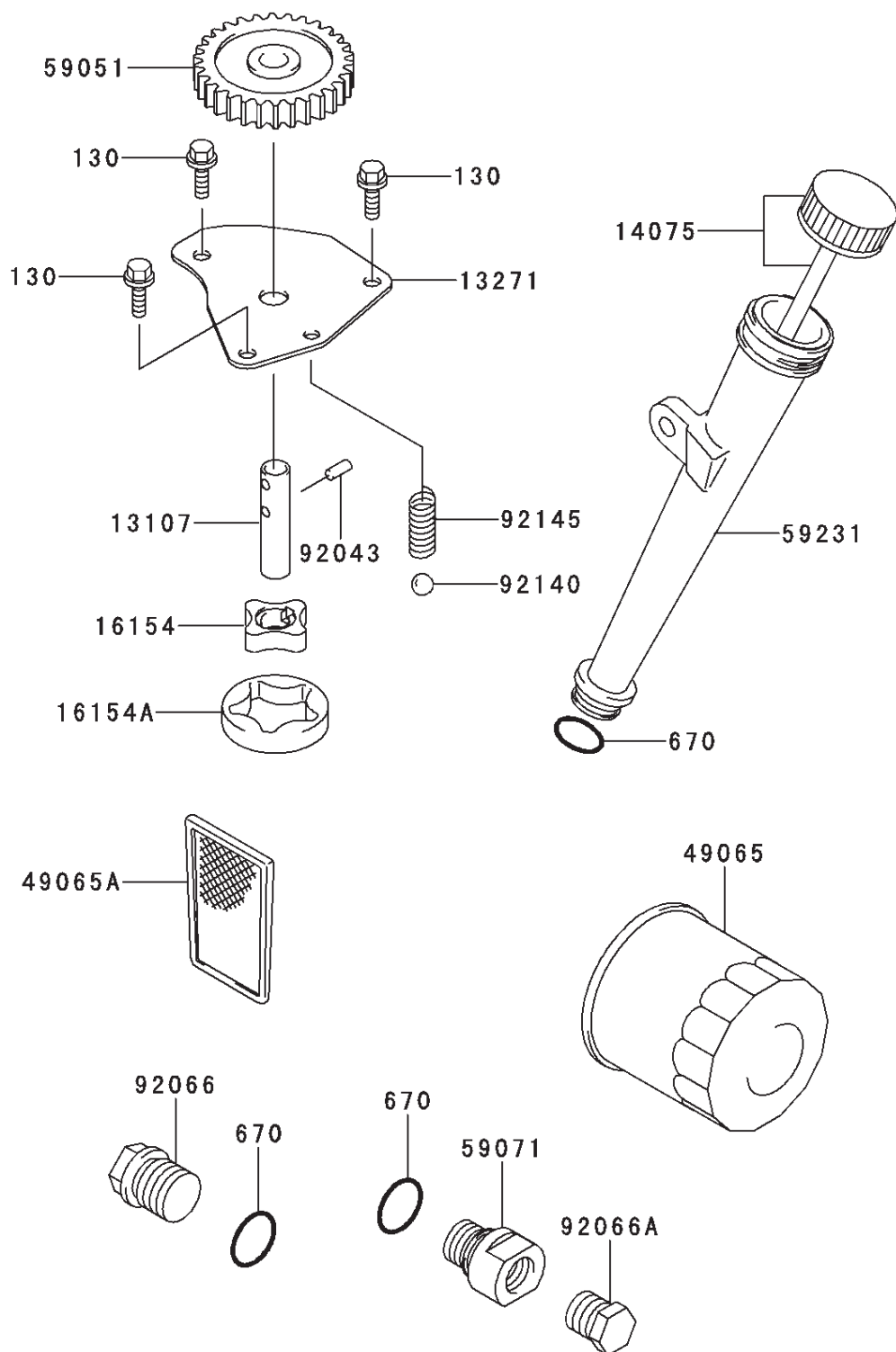


Ref. No.	Part No.	Qty.	Description

Lubrication Equipment

Kawasaki FH500V-AS30

E0140-A178A

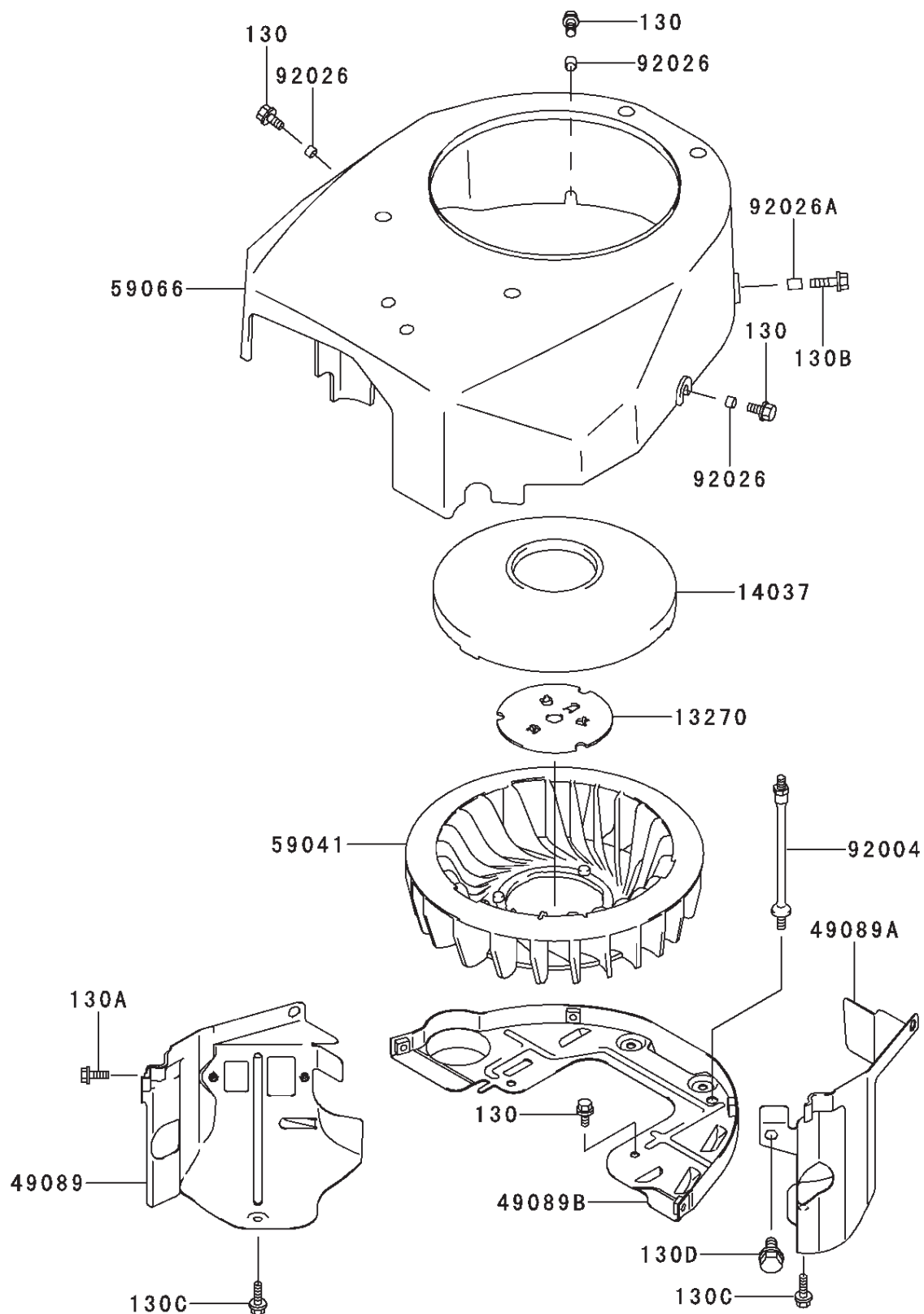


Ref. No.	Part No.	Qty.	Description

Cooling Equipment

Kawasaki FH500V-AS30

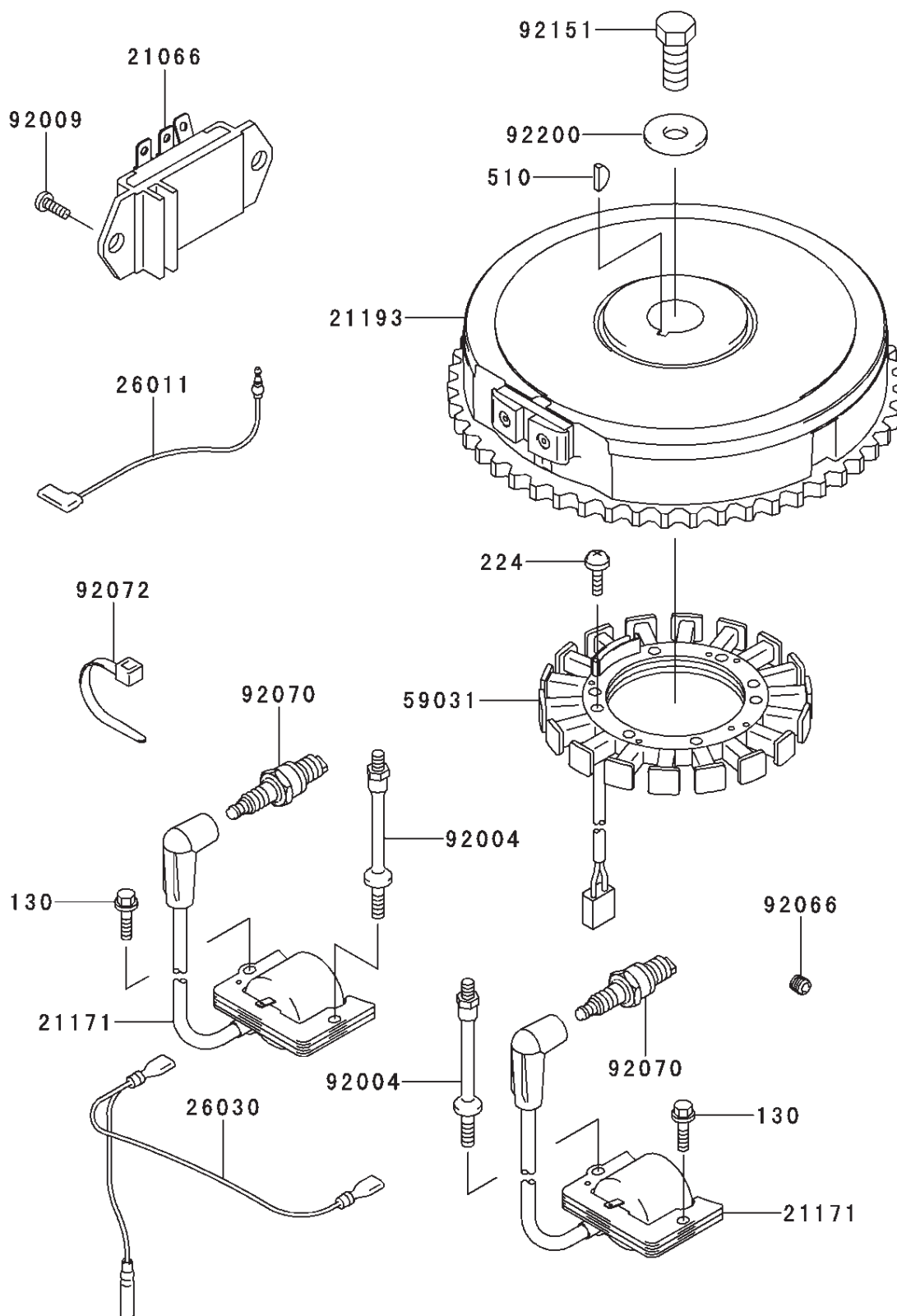
E0150-A323A



Ref. No.	Part No.	Qty.	Description

Electric Equipment Kawasaki FH500V-AS30

E0160-A605A

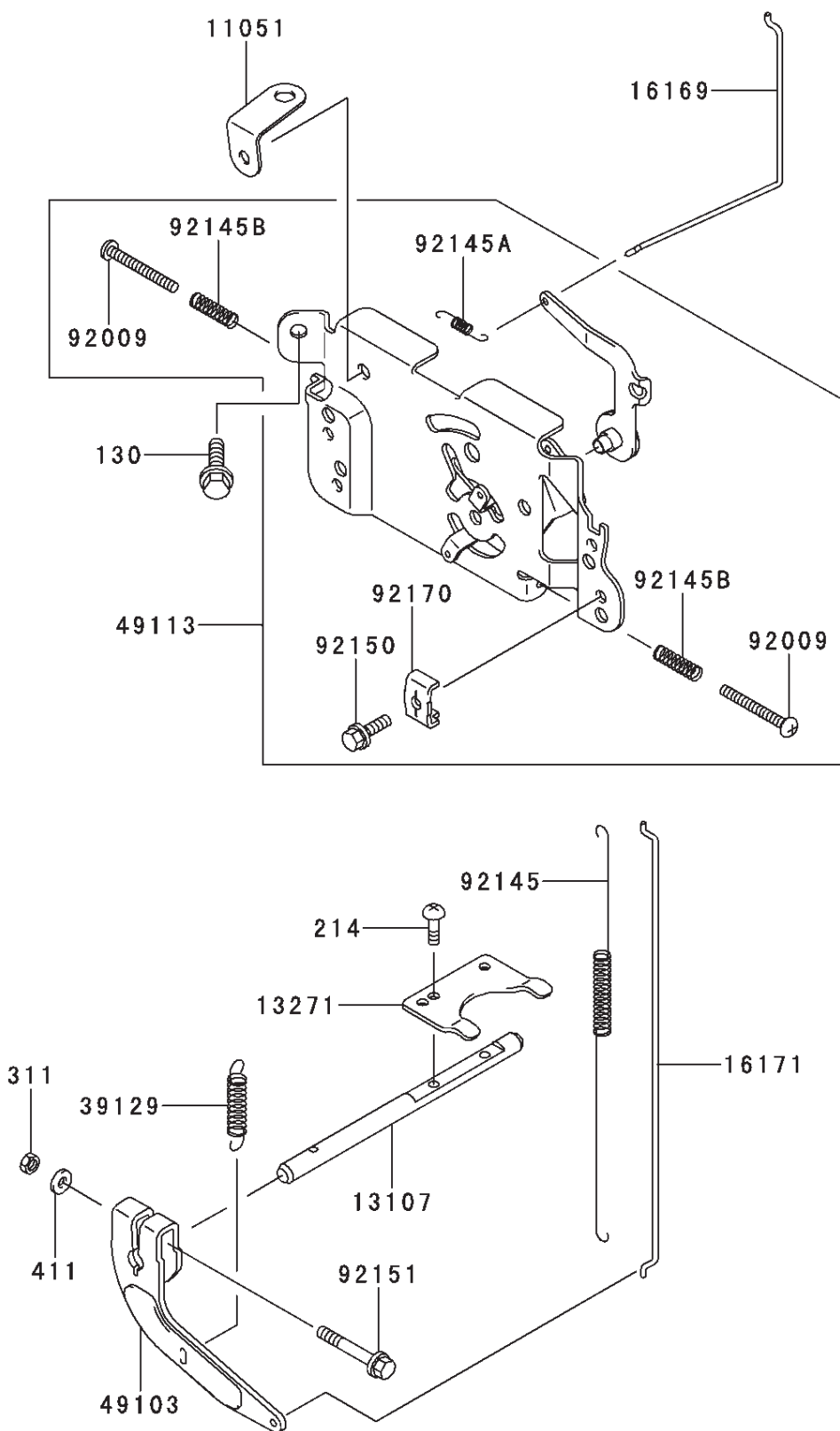


Ref. No.	Part No.	Qty.	Description

Control Equipment

Kawasaki FH500V-AS30

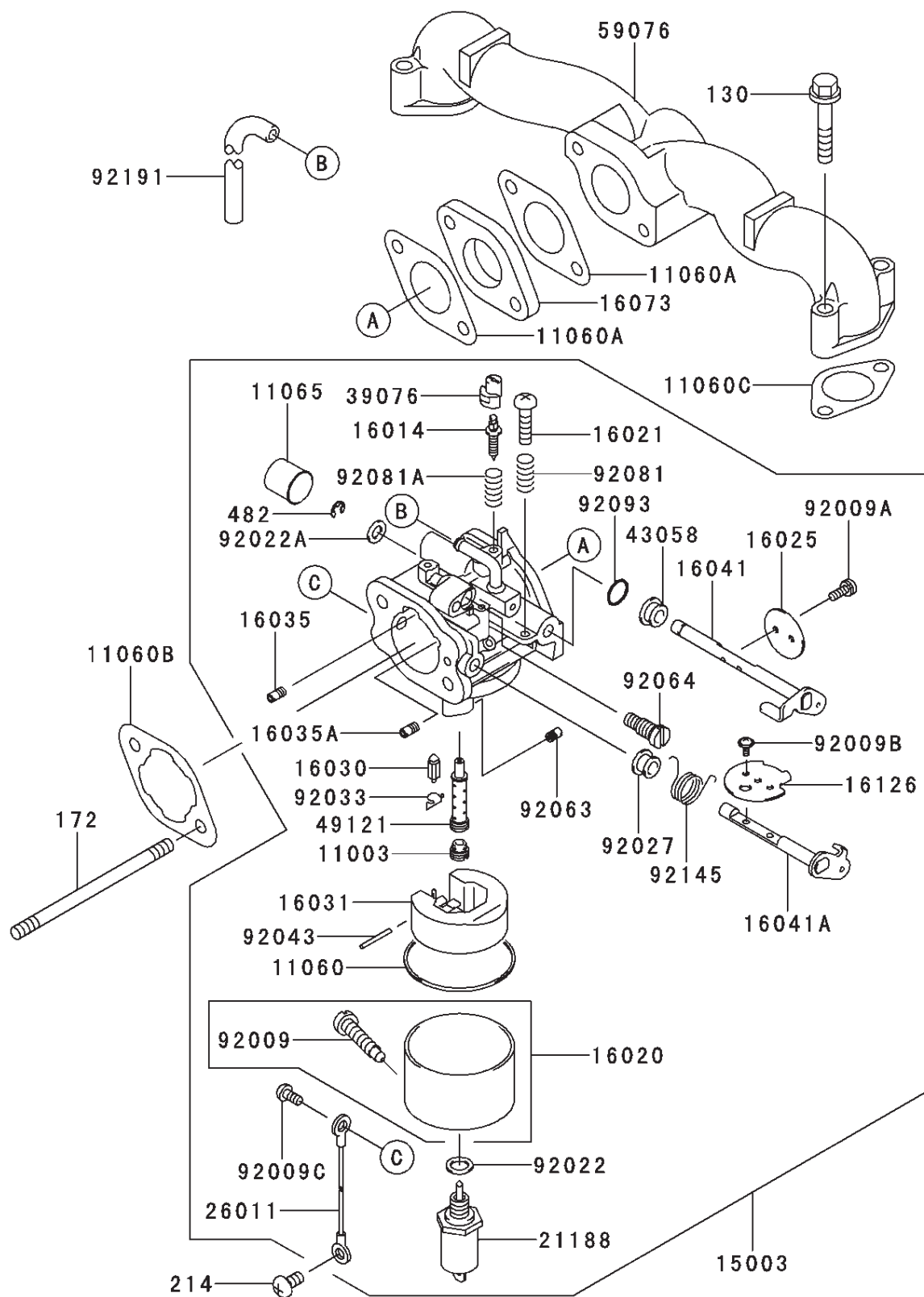
E0170-A336A



Ref. No.	Part No.	Qty.	Description

Carburetor Kawasaki FH500V-AS30

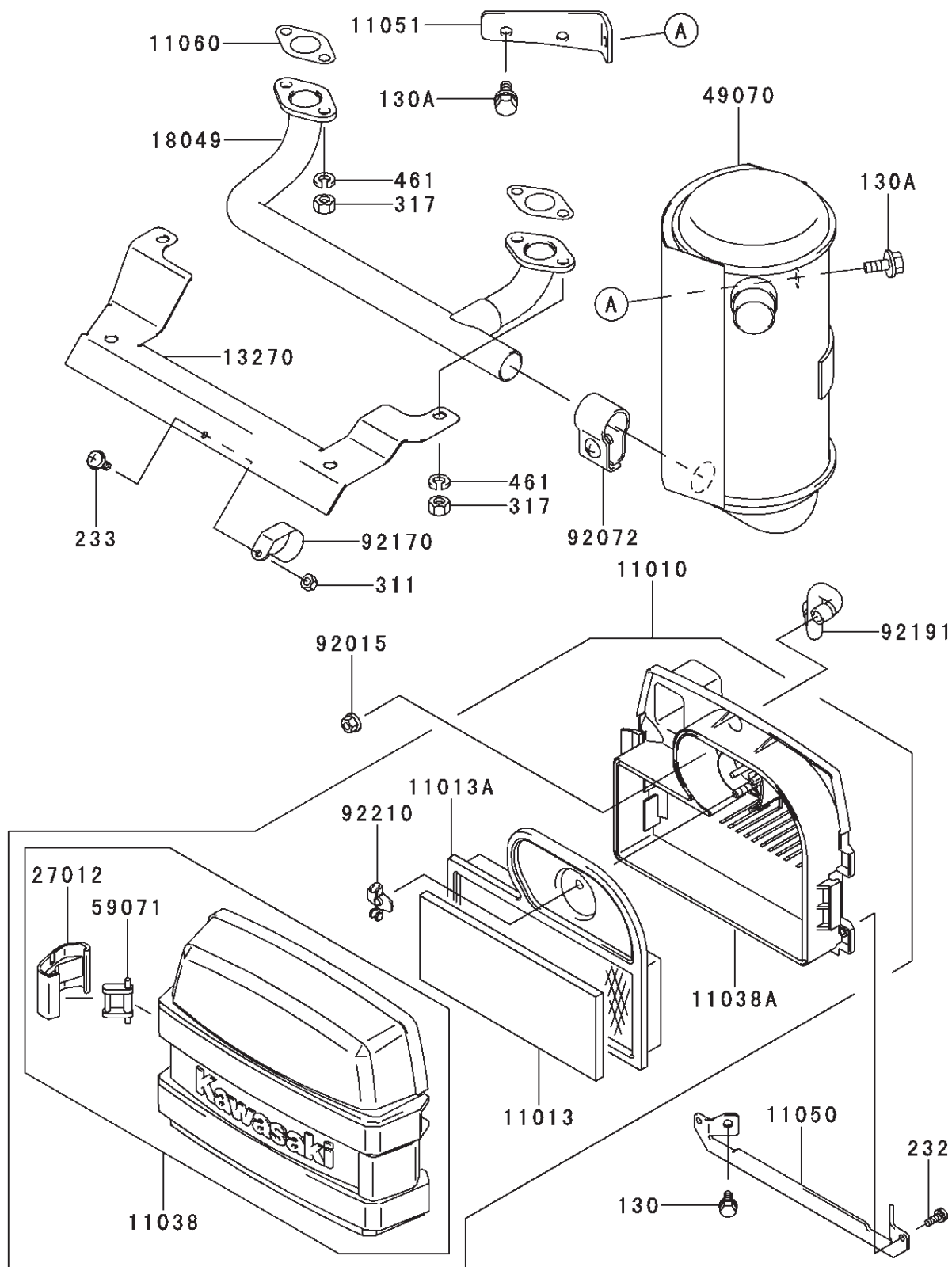
E0180-A415A



Ref. No.	Part No.	Qty.	Description

Air Filter/Muffler Kawasaki FH500V-AS30

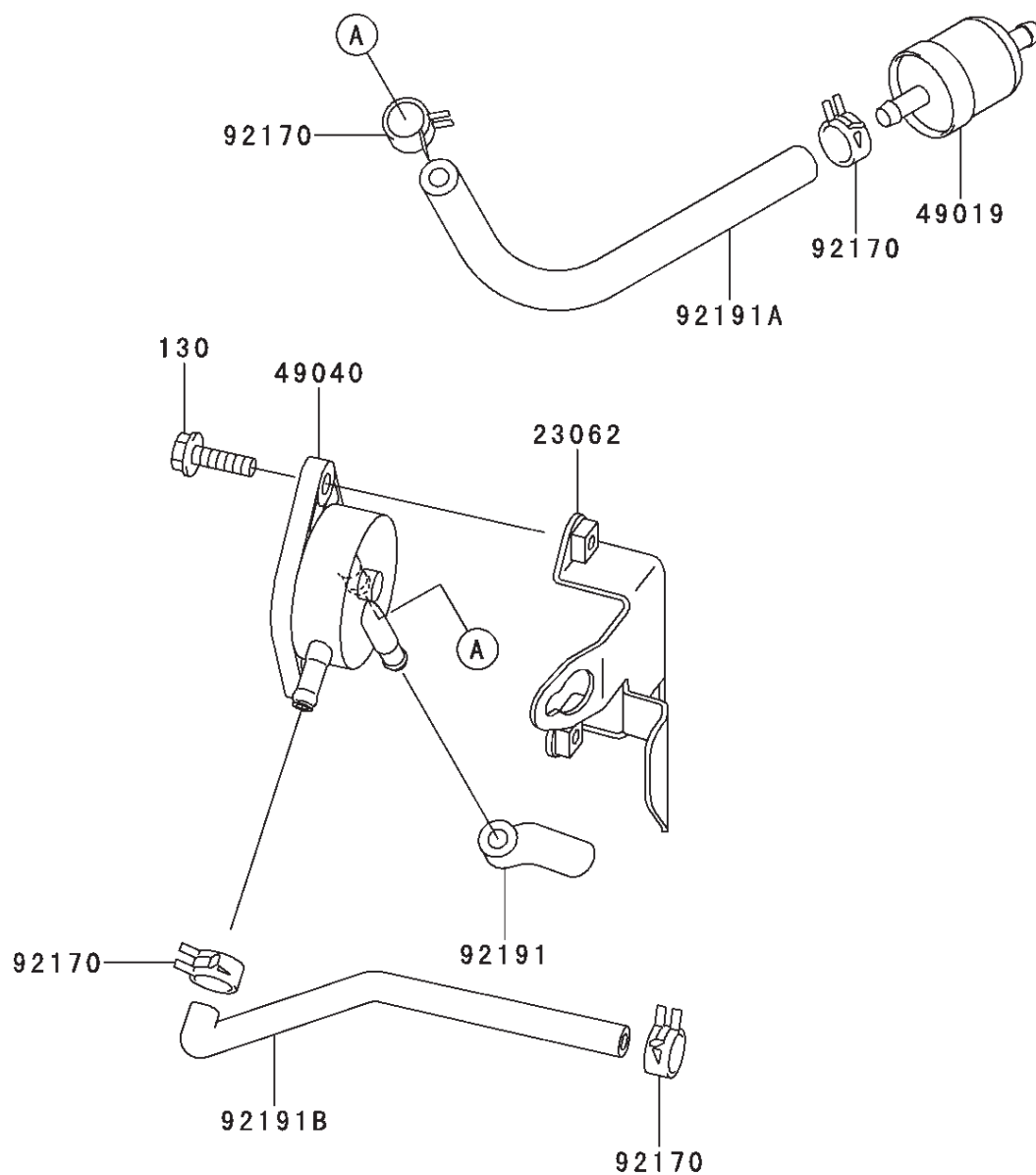
E0190-A493A



Ref. No.	Part No.	Qty.	Description

Fuel Tank/Fuel Valve Kawasaki FH500V-AS30

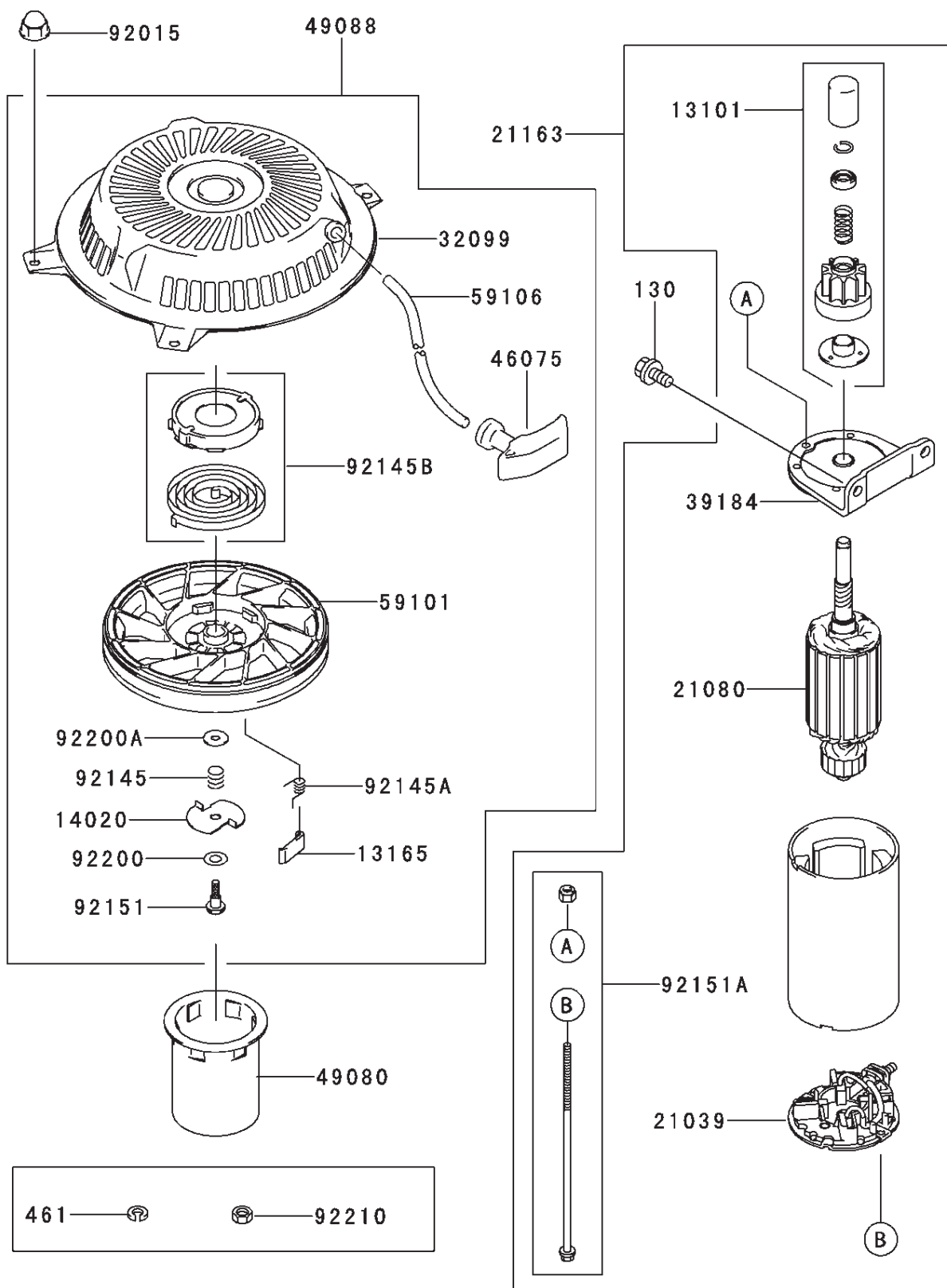
E0200-A275A



Ref. No.	Part No.	Qty.	Description

Starter Kawasaki FH500V-AS30

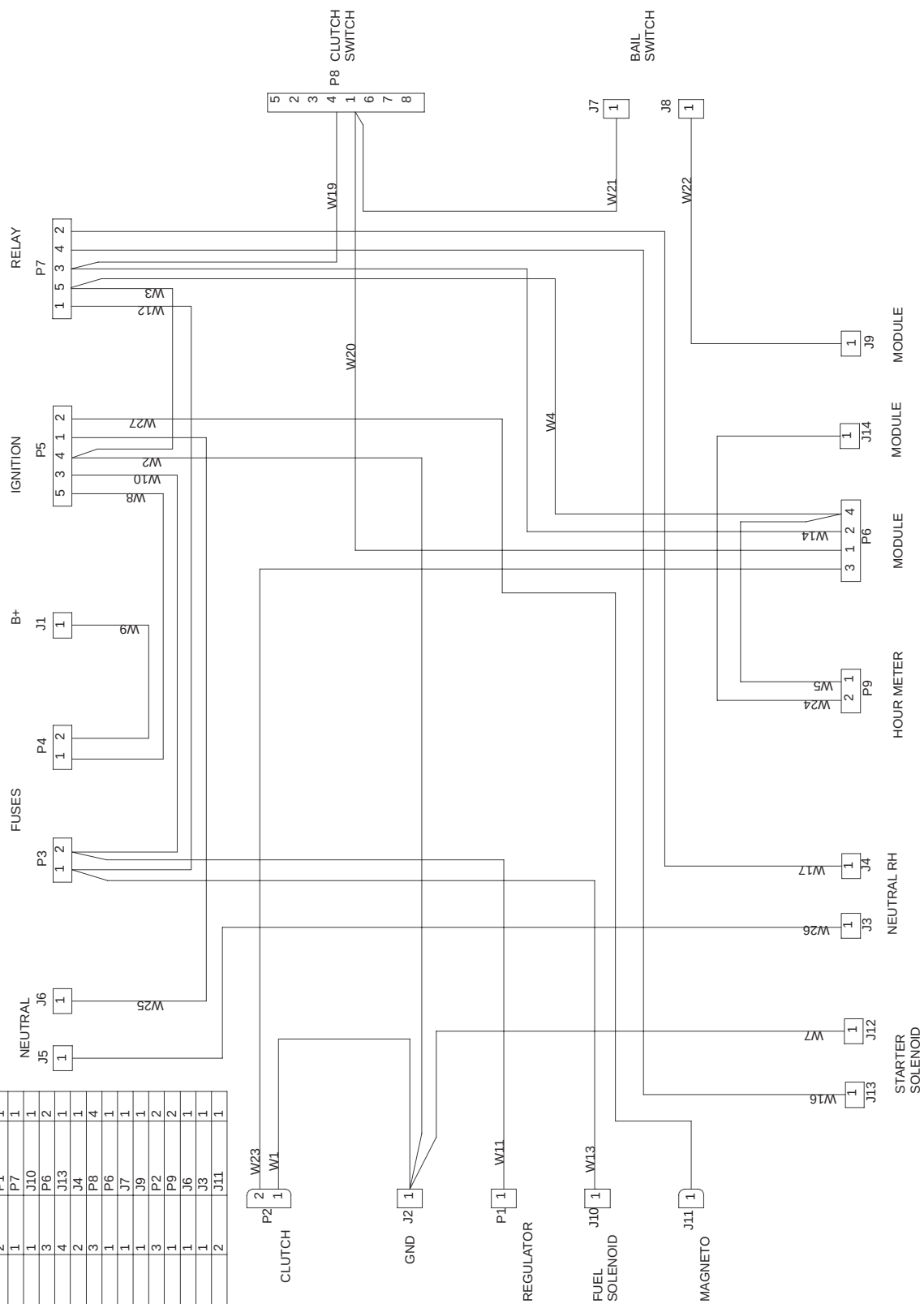
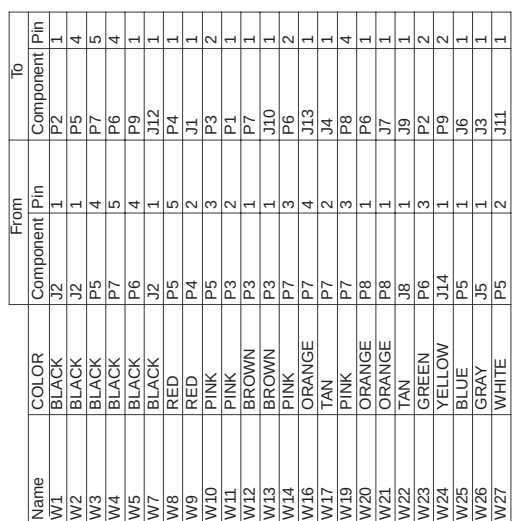
E0210-A240A



Ref. No.	Part No.	Qty.	Description

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Electrical Schematic



Maintenance Record

[illegible]

Maintenance Record

[illegible]

Maintenance Record

[illegible]

