



Z449 Z Master®

With 52in TURBO FORCE Side Discharge Mower

Model No. 74415 - 250005001 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
Front Frame Assembly	 3	Roll-Over-Protection System Assembly No. 107-8093	 26
Caster Wheel Assembly No. 1-634662	 4	Fuel Tank / Fuel Valve Assembly Kawasaki FH580V AS30	 45
Height-of-Cut Assembly	 5	Cylinder / Crankcase Assembly Kawasaki FH580V AS30	 27
Main Frame Assembly	 6	Piston / Crankshaft Assembly Kawasaki FH580V AS30	 29
Fuel System Assembly	 7	Valve / Camshaft Assembly Kawasaki FH580V AS30	 31
Parking Brake Assembly	 8	Lubrication Equipment Assembly Kawasaki FH580V AS30	 33
Motion Control Assembly	 9	Cooling Equipment Assembly Kawasaki FH580V AS30	 35
Hydraulic System Assembly	 10	Electric Equipment Assembly Kawasaki FH580V AS30	 37
Hydraulic Pump Assembly No. 103-1942	 12	Control Equipment Assembly Kawasaki FH580V AS30	 39
Pump Idler and Belt Assembly	 13	Carburetor Assembly Kawasaki FH580V AS30	 41
Engine, Clutch and Muffler Assembly	 14	Air Filter / Muffler Assembly Kawasaki FH580V AS30	 43
Deck Connection Assembly	 15	Starter Assembly Kawasaki FH580V AS30	 46
Deck Assembly No. 107-1670	 16	Label Assembly Kawasaki FH580V AS30	 48
Spindle Assembly No. 107-8504	 18	Attachments and Accessories List	 49
Deck Decal Assembly No. 107-1669	 19		
Rubber Deflector Assembly No. 108-2792	 20		
Idler Assembly	 21		
Electrical System Assembly	 22		
Seat and Bracket Assembly	 23		
Seat Assembly No. 107-1867	 24		
Roll-Over-Protection-System Assembly	 25		

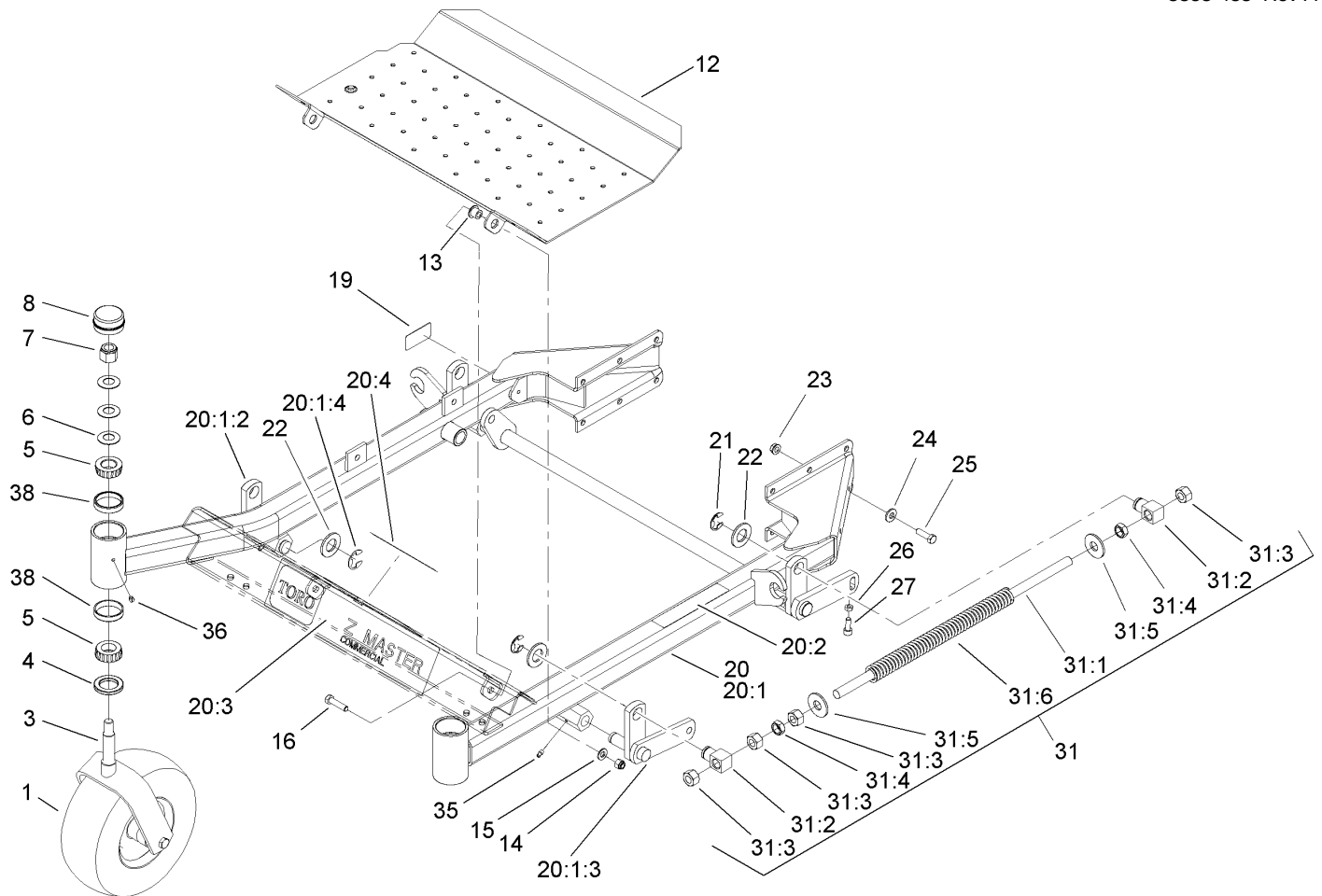
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HWHTF. hex washer head thread forming
ASM. assembly	HYD. hydraulic
BBC. Blade Brake Clutch	INC. incorporated
CARR. carriage	LH. left hand
DEG. degrees	NI. nylon insert
EXT. external	NPTF. national pipe thread fine
FH. flat head	PPH. phillips pan head
GA. gauge	PPHTF. phillips pan head thread forming
HF. hex flange	PRH. phillips round head
HH. hex head	PTH. phillips truss head
HHF. hex head flange	PTO. power take off
HHFTF. hex head flange thread forming	RH. right hand
HJ. hex jam	ROPS. roll over protection system
HLH. hex lag head	SFH. slotted fillister head
HOC. height-of-cut	SHH. slotted hex head
HSBH. hex socket button head	SHWH. slotted hex washer head
HSFH. hex socket flat head	SPH. slotted pan head
HSH. hex socket head	SQH. square head
HWH. hex washer head	

Footnotes

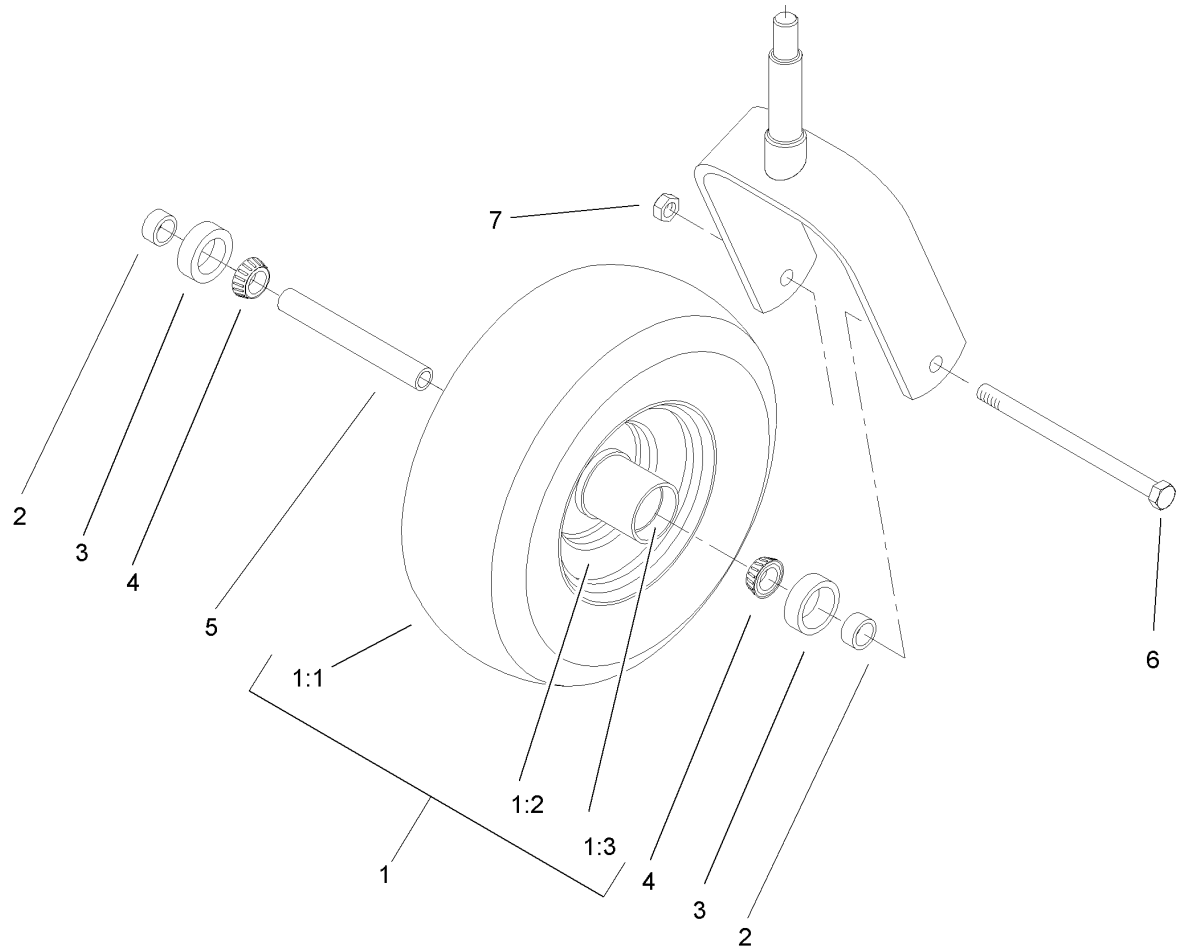
- ❶ Not illustrated
- ❷ Not serviced separately
- ❸ Obtain parts from your local Kawasaki dealer



Front Frame Assembly

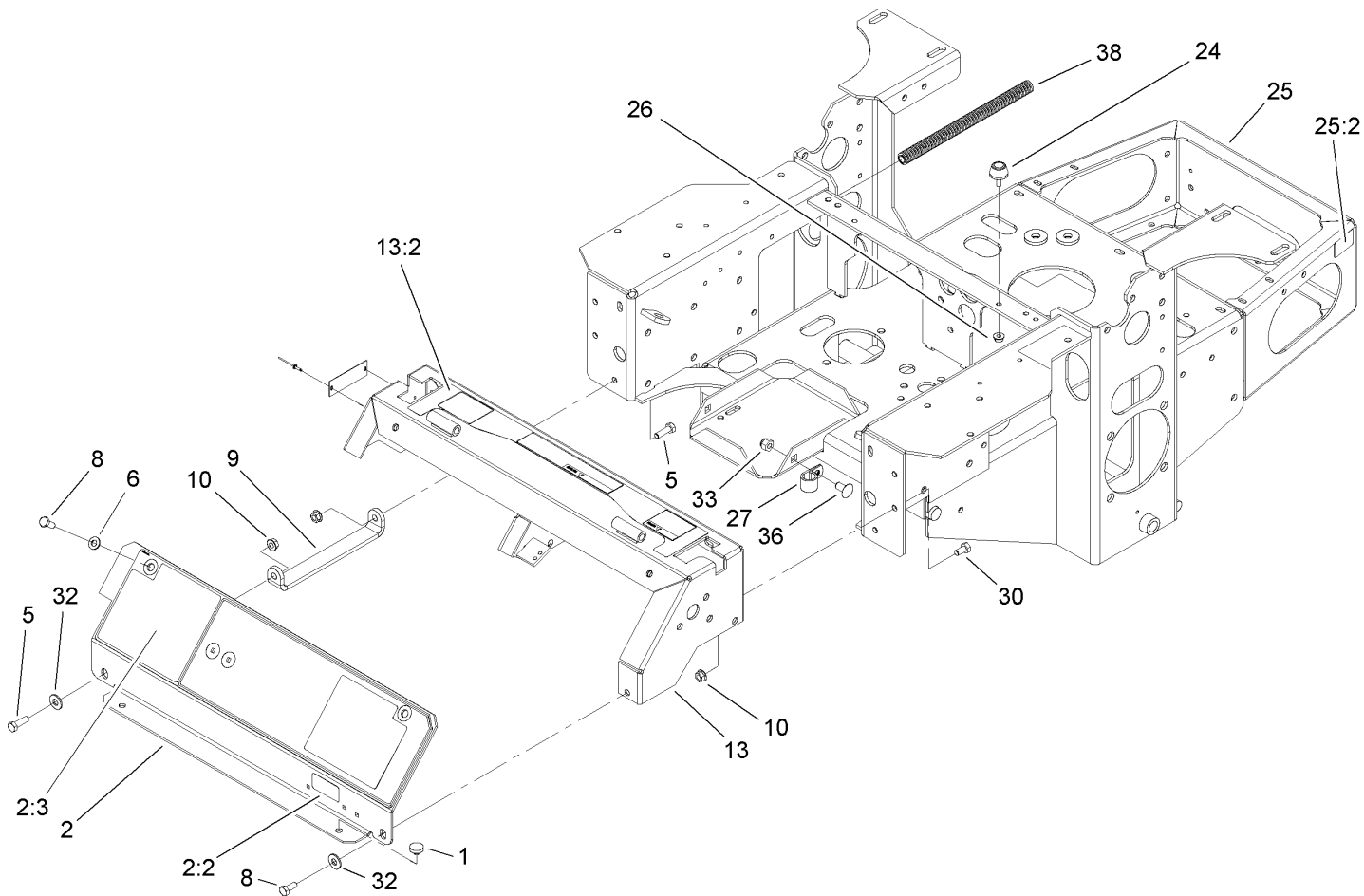
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
12	108-5007-03	1	Floor Pan
13	86-2180	2	Bushing-Flange
14	3296-39	2	Nut-Lock, NI
15	3256-24	2	Washer-Flat
16	323-8	2	Screw-HH
19	105-2625	1	Decal-STD, Safety
20	107-1650	1	Front Frame ASM
20:1		1	Frame-Front
20:1:2	99-3872	1	RH Lift Arm ASM
20:1:3	99-3871	1	LH Lift Arm ASM
20:1:4	32151-103	2	Ring-Snap
20:2	1-633818	1	Decal-Warning
20:3	106-7451	1	Decal
20:4	107-2112	1	Decal-Warning
21	32151-103	4	Ring-Snap
22	3256-29	6	Washer-Flat
23	3290-357	12	Nut-HHF

Ref	Part No.	Qty.	Description
24	98-5975	12	Washer-Bellville
25	323-7	12	Screw-HH
26	3218-2	2	Nut-Jam
27	3274-18	2	Screw-HSH
31	1-634439	2	Front Frame Spring ASM
31:1	1-633096	1	Rod-Lift, Deck
31:2	1-633441	2	Swivel-Deck Mount, Rear
31:3	3217-11	4	Nut-Hex
31:4	3218-6	2	Nut-Jam
31:5	3256-7	2	Washer-Flat
31:6	1-633064	1	Spring-Support, Deck
35	302-19	4	Fitting-Grease
36	1-811010	2	Plug
38	254-72	4	Bearing-Cup, Tapered



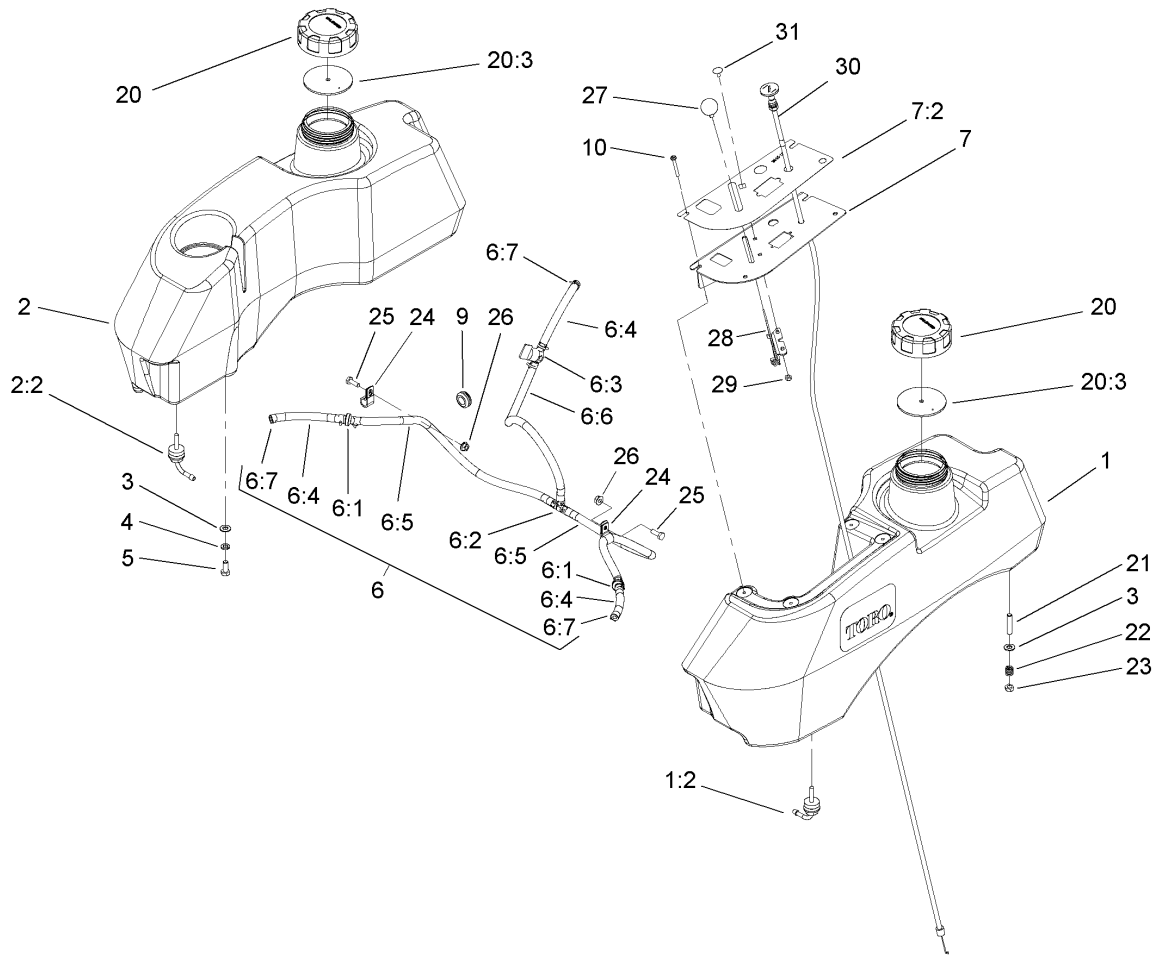
Caster Wheel Assembly No. 1-634662

Ref	Part No.	Qty.	Description				
1	1-633582	1	Wheel And Tire ASM				
1:1	1-633002	1	Tire				
1:2	1-633583	1	Wheel				
1:3	1-633584	2	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock, NI				



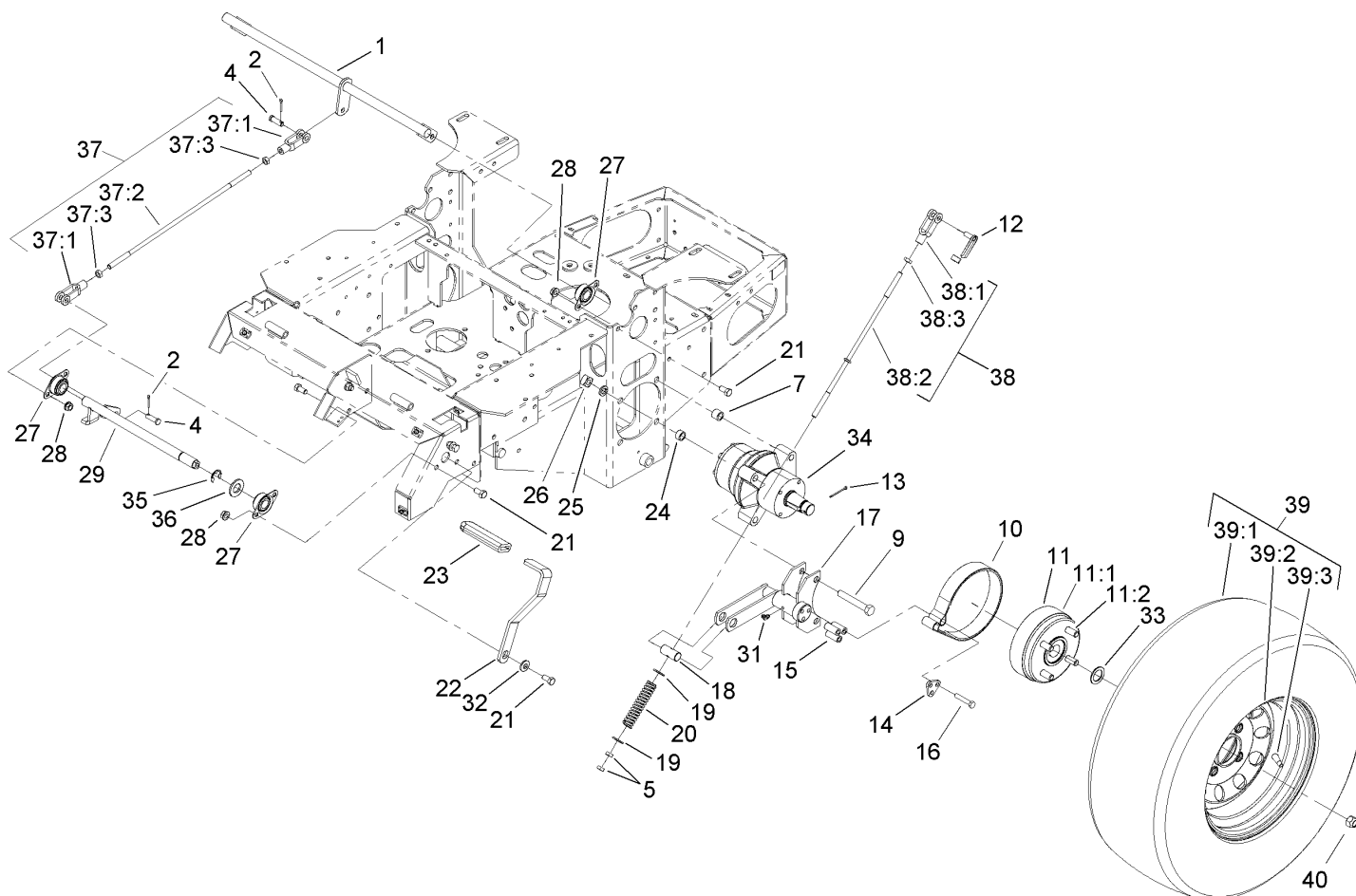
Main Frame Assembly

Ref	Part No.	Qty.	Description				
1	1-513658	2	Bumper				
2	108-1864	1	Panel ASM				
2:2	98-4387	1	Decal-Protection, Ear				
2:3	107-8445	1	Decal-Cover, Panel				
5	322-5	2	Screw-HH				
6	3256-23	2	Washer-Flat				
8	322-3	3	Screw-HH				
9	1-653089-03	1	Bracket				
10	32128-20	6	Nut-HF				
13	108-5997	1	Console ASM				
13:2	108-5995	1	Decal-Warning				
24	1-523420	2	Bumper				
25	108-2783	1	Main Frame ASM				
25:2	65-2690	2	Decal-Surface, Hot				
26	32128-33	2	Nut-HF				
27	1-633396	1	Clip-Loom				
30	322-2	4	Screw-HH				
32	3256-3	2	Washer-Flat				
33	3296-39	1	Nut-Lock, NI				
36	3231-21	1	Screw-CARR				
38	24-7922	2	Cover-Shaft, Drive				



Fuel System Assembly

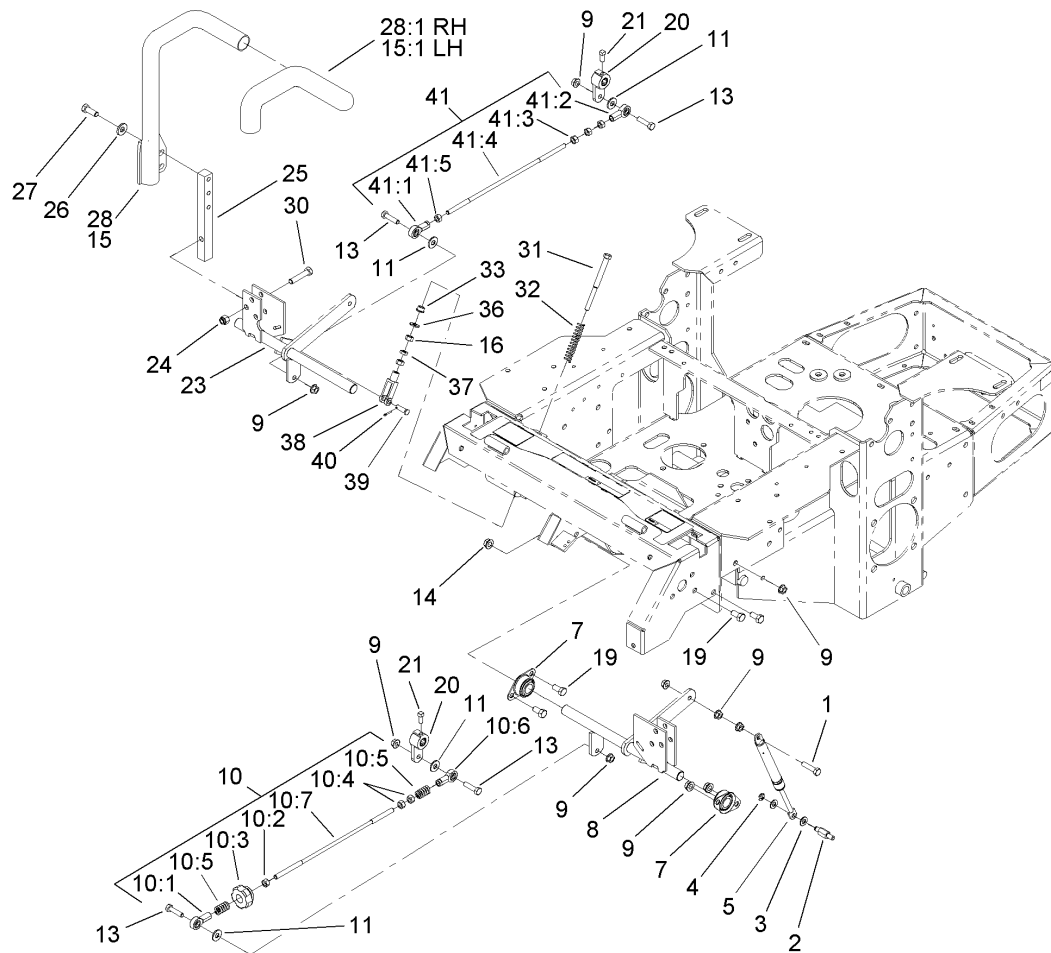
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-2146	1	LH Fuel Tank ASM	24	1-513762	2	Clip-Loom
1:2	103-2605	1	Fitting-Fuel, Bulkhead	25	321-4	2	Screw-HH
2	106-9975	1	RH Fuel Tank ASM	26	32128-33	2	Nut-HF
2:2	103-2605	1	Fitting-Fuel, Bulkhead	27	1-513592	1	Knob-Ball
3	3256-23	8	Washer-Flat	28	1-633696	1	Throttle Cable ASM
4	1-805005	4	Washer-Lock	29	3296-2	2	Nut-Lock
5	322-3	4	Screw-HH	30	1-603336	1	Control-Choke
6		1	Fuel Line ASM	31	1-807513	2	Bolt-CARR
6:1	99-5000	2	Valve-Check, Fuel				
6:2	99-5005	1	Fitting-Tee, Barbed				
6:3	1-603770	1	Valve-Fuel				
6:4	99-7190	3	Hose-Fuel				
6:5	99-3185	2	Hose-Fuel				
6:6	106-8720	1	Hose-Fuel				
6:7	1-303077	12	Clamp				
7	107-2149	1	Control Panel ASM				
7:2	107-2148	1	Decal-Panel, Control				
9	1-543296	2	Grommet				
10	32122-30	4	Screw-PTH				
20	88-3980	2	Gas Cap ASM				
20:3	88-4010	1	Gasket-Cap, Gas				
21	1-633023	4	Stud				
22	1-633349	4	Spring-Tank, Fuel				
23	3296-47	4	Nut-Lock, NI				



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	1-652073-03	1	Crank-Brake, Park
2	3272-10	2	Pin-Cotter
4	1-808285	2	Pin-Clevis
5	3219-3	4	Nut-Hex
7	1-653068	4	Spacer-Wheel
9	325-13	8	Screw-HH
10	103-0355	2	Band-Brake
11	103-0590	2	Hub And Wheel ASM
11:1	103-0589	1	Wheel Hub ASM
11:2	1-633926	4	Stud-Wheel
12	103-2399	2	Pin-Spring, Clevis
13	1-806800	2	Pin-Cotter
14	103-0374	2	Retainer-Band, Brake
15	103-0384	6	Spacer
16	322-9	6	Screw-HH
17	103-0352-03	2	Bracket-Brake
18	1-633144	2	Pin-Trunion
19	3256-4	4	Washer-Flat
20	1-633454	2	Spring-Brake
21	323-4	9	Screw-HH
22	1-653074-03	1	Handle-Brake, Park
23	1-633268	1	Grip-Lever, Brake
24	1-653069	4	Spacer-Wheel
25	3253-7	8	Washer-Lock

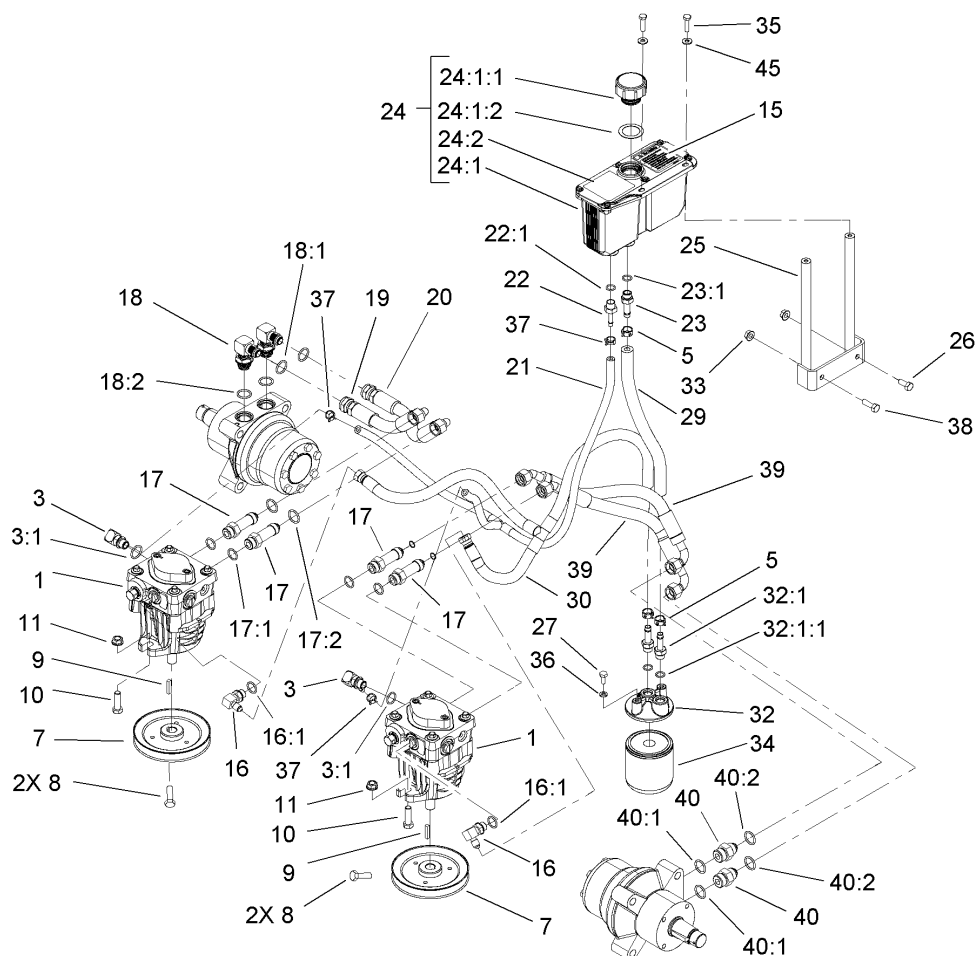
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	103-5333	2	Motor-Wheel
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat
37	103-4328	1	Brake Rod ASM
37:1	1-633131	2	Yoke-Linkage, Brake
37:2	1-653061	1	Linkage-Handle, Brake
37:3	3219-3	2	Nut-Hex
38	103-4329	2	Brake Rod ASM
38:1	1-633131	1	Yoke-Linkage, Brake
38:2	103-0356	1	Rod-Brake
38:3	3219-3	1	Nut-Hex
39	1-653159	2	Wheel And Tire ASM
39:1	1-653160	1	Tire
39:2	1-653161	1	Wheel
39:3	232-27	1	Stem-Valve
40	242-50	8	Nut-Lug



Motion Control Assembly

Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	E-Ring
5	103-4079	2	Damper-Control, Motion
7	1-633102	4	Bearing-Flange, Side
8	103-4774	1	Control-Motion, LH
9	32128-20	12	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH
10:2	3219-2	1	Nut-Hex
10:3	103-3060	1	Knob-Tracking
10:4	1-804524	2	Nut
10:5	1-323245	2	Spring-Compression
10:6	1-633152	1	Balljoint-Thread, LH
10:7	103-3066	1	Link-Rod, Tracking
11	3256-3	4	Washer-Flat
13	322-6	4	Screw-HH
14	3290-357	6	Nut-HHF
15	108-7238	1	LH Lever ASM
15:1	106-9987	1	Grip-Control, Motion
16	3219-2	4	Nut-Hex
19	323-4	6	Screw-HH
20	103-3717	2	Arm-Control

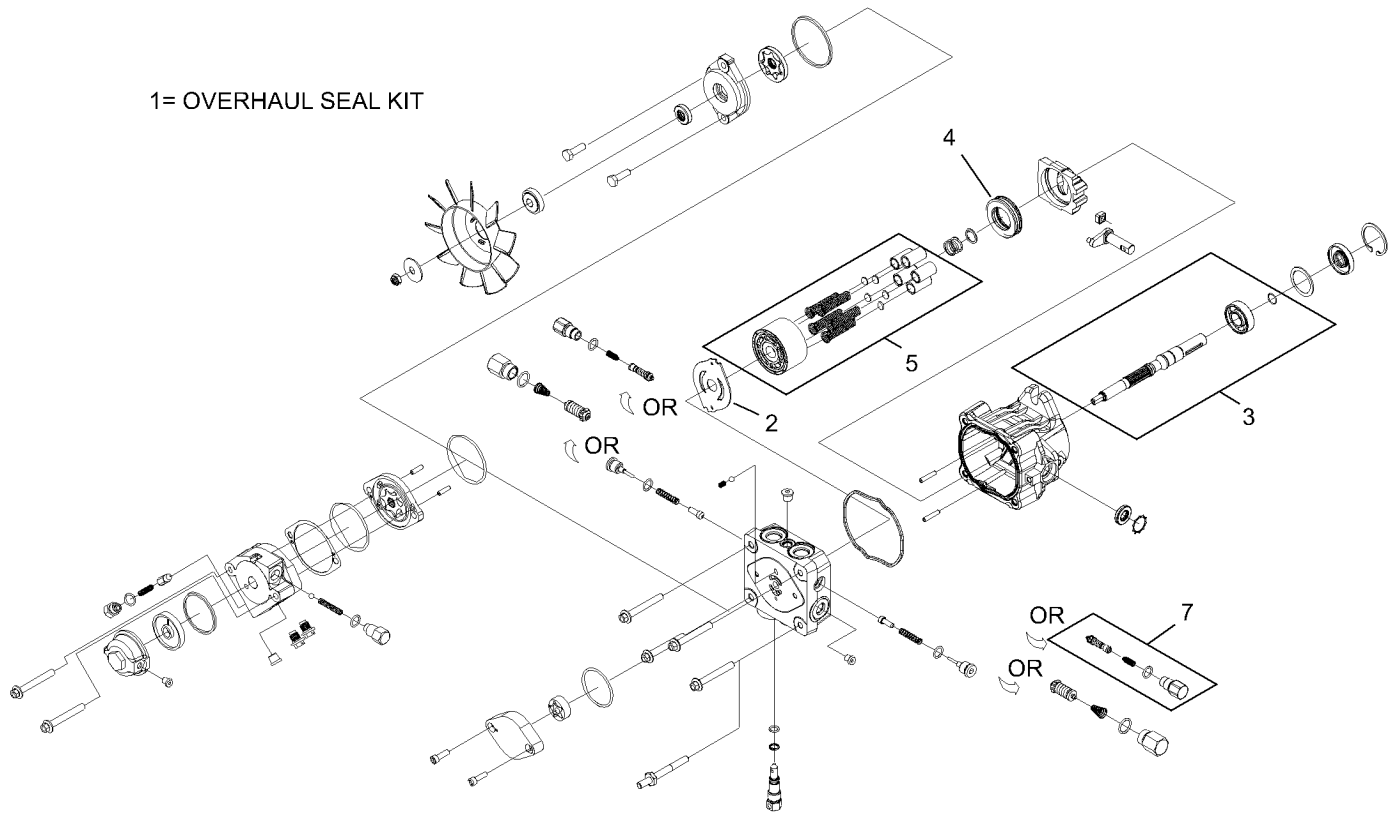
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	108-7237	1	RH Lever ASM
28:1	106-9987	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, Neutral
32	1-603807	2	Spring-Return, Neutral
33	1-603735	2	Bushing-Flanged
36	3256-2	2	Washer-Flat
37	3220-2	2	Nut-Jam
38	1-303105	2	Yoke-Adjustable
39	1-808280	2	Pin-Clevis
40	3272-5	2	Pin-Cotter
41	103-4327	1	Tracking ASM
41:1	1-543017	1	Balljoint-RH
41:2	1-633152	1	Balljoint-Thread, LH
41:3	1-804524	1	Nut
41:4	103-3066	1	Link-Rod, Tracking
41:5	3219-2	3	Nut-Hex



Hydraulic System Assembly

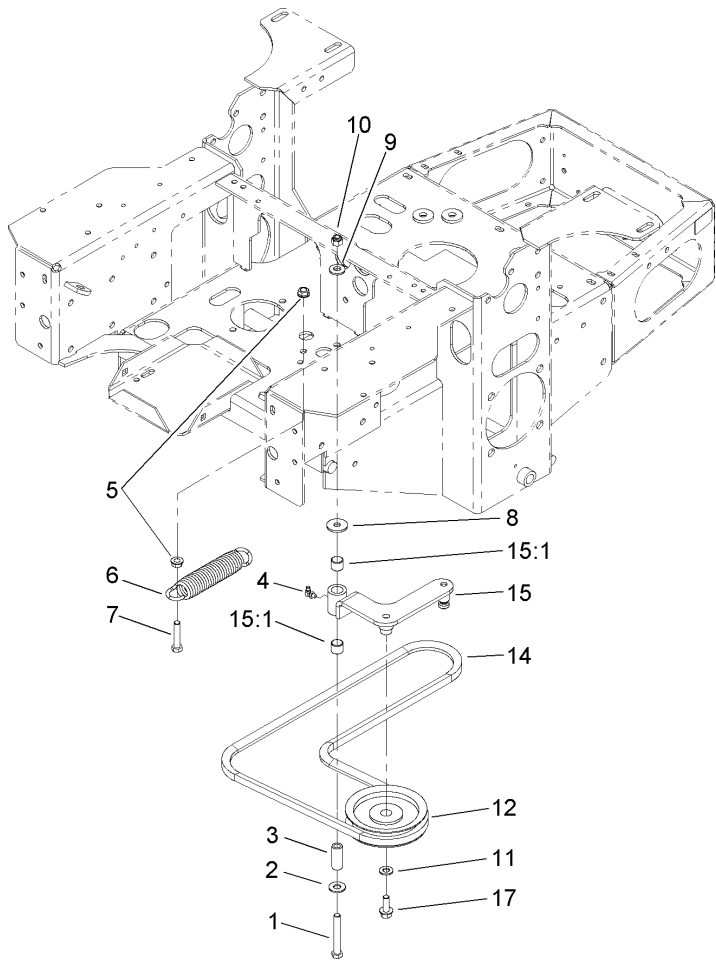
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-HYD, 90 DEG
16:1	1-603921	1	O-Ring
17	103-1940	4	Adapter-HYD, Straight
17:1	237-79	1	O-Ring
17:2	1-603992	1	O-Ring
18	1-633605	2	Fitting-HYD, 90 DEG
18:1	1-603992	1	O-Ring
18:2	237-80	1	O-Ring
19	1-653186	1	Hose-Front
20	1-653187	1	Hose-Rear, RH
21	103-2357	1	HYD Hose ASM
22	103-1801	1	Adapter-Straight
22:1	237-42	1	O-Ring
23	103-1912	1	Adapter-Straight

Ref	Part No.	Qty.	Description
23:1	237-42	1	O-Ring
24	103-1947	1	HYD Reservoir ASM
24:1		1	Reservoir-HYD
24:1:1	103-1948	1	Cap-Reservoir, HYD
24:1:2	103-1949	1	Gasket-Cap
24:2	1-523552	1	Decal-Tank, HYD
25	103-3071-03	1	Stand-Reservoir
26	322-3	1	Screw-HH
27	321-3	2	Screw-HH
29	103-3077	1	HYD Hose ASM
30	103-2930	1	HYD Hose ASM
32	103-2889	1	Filter Head ASM
32:1	103-1912	2	Adapter-Straight
32:1:1	237-42	1	O-Ring
33	32128-20	2	Nut-HF
34	1-633750	1	Filter-HYD
34	1-633752	1	Filter-HYD, Winter
35	321-6	2	Screw-HH
36	1-805004	2	Washer-Lock
37	103-1716	3	Clamp-Hose
38	322-5	1	Screw-HH
39	103-3809	2	Hose-LH
40	1-603991	2	Fitting-Straight
40:1	237-80	1	O-Ring



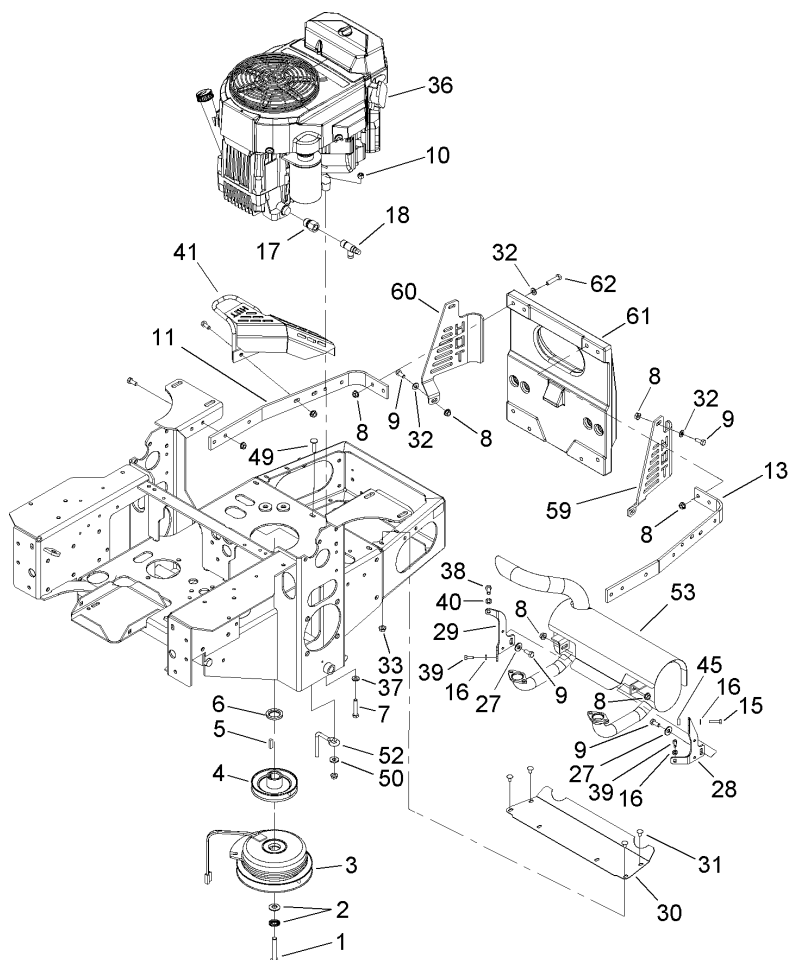
Hydraulic Pump Assembly No. 103-1942

Ref	Part No.	Qty.	Description
1	105-6184	1	Seal Kit
2	105-6185	1	Plate-Valve
3	103-2664	1	Input Shaft Kit
4	94-6922	1	Bearing-Thrust
5	103-2666	1	Cylinder Block Kit
7	106-2053	1	Shock Valve Kit



Pump Idler and Belt Assembly

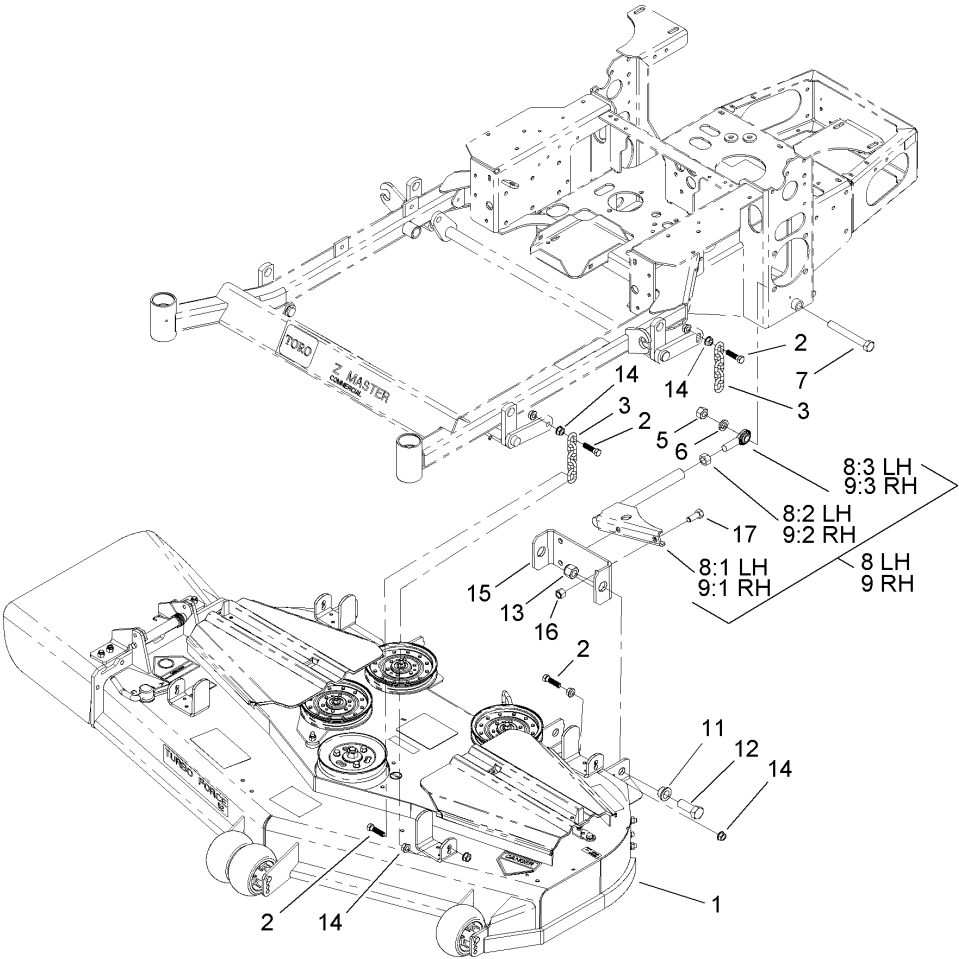
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock, NI				
11	3256-24	1	Washer-Flat				
12	1-603843	1	Pulley-Idler				
14	107-3960	1	Belt				
15	103-4482	1	Idler Arm ASM				
15:1	103-4681	2	Sleeve-Bearing				
17	3234-11	1	Screw-HHF				



Engine, Clutch and Muffler Assembly

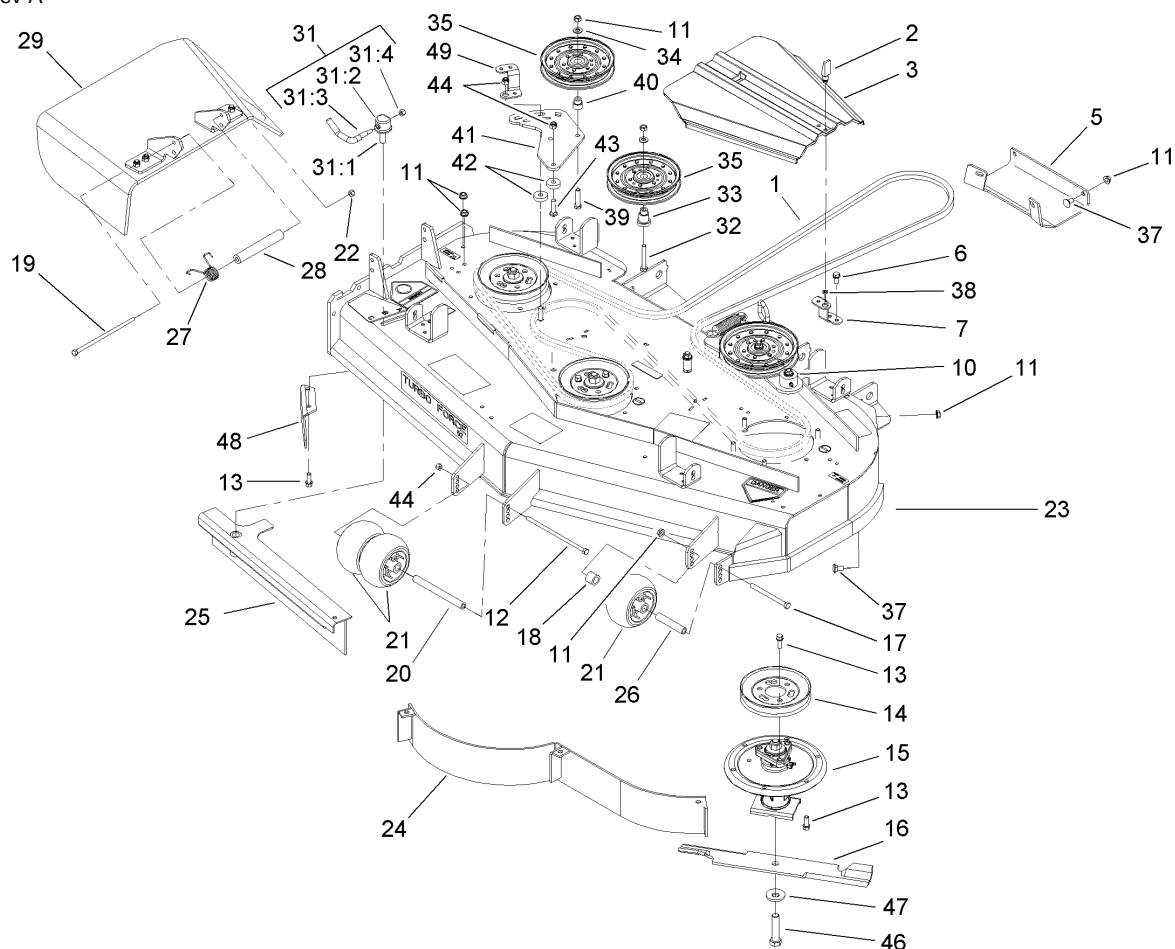
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	103-0690	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	33	Nut-HF
9	322-3	17	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
13	103-3164-03	1	Strap-Guard, LH
15	33113-025	1	Screw-HH
16	1-805004	3	Washer-Lock
17	103-1966	1	Adapter
18	103-1965	1	Valve-Drain, Oil
27	3256-3	3	Washer-Flat
28	103-4477-03	1	Bracket-Muffler, LH
29	103-4478-03	1	Bracket-Muffler, RH
30	103-2740-03	1	Deflector-Short
31	3229-10	4	Screw-CARR
32	3256-23	12	Washer-Flat
33	32128-33	4	Nut-HF
36		1	Engine-Kawasaki, FH580V-As30

Ref	Part No.	Qty.	Description
37	1-303334	4	Washer-Spring
38	33114-020	1	Screw-HH
39	33113-016	2	Screw-HH
40	1-805005	1	Washer-Lock
41	103-3218-03	1	Guard-Tailpipe
45	103-3096	1	Spacer
49	3230-3	1	Screw-CARR
50	3256-3	1	Washer-Flat
52	108-1058	1	Rod-Belt
53	103-4483	1	Muffler Kit
59	103-3287-03	1	Guard-Muffler, LH
60	103-3288-03	1	Guard-Muffler, RH
61	107-8421-03	1	Weight-Notched, 60 Lb
62	322-7	8	Screw-HH



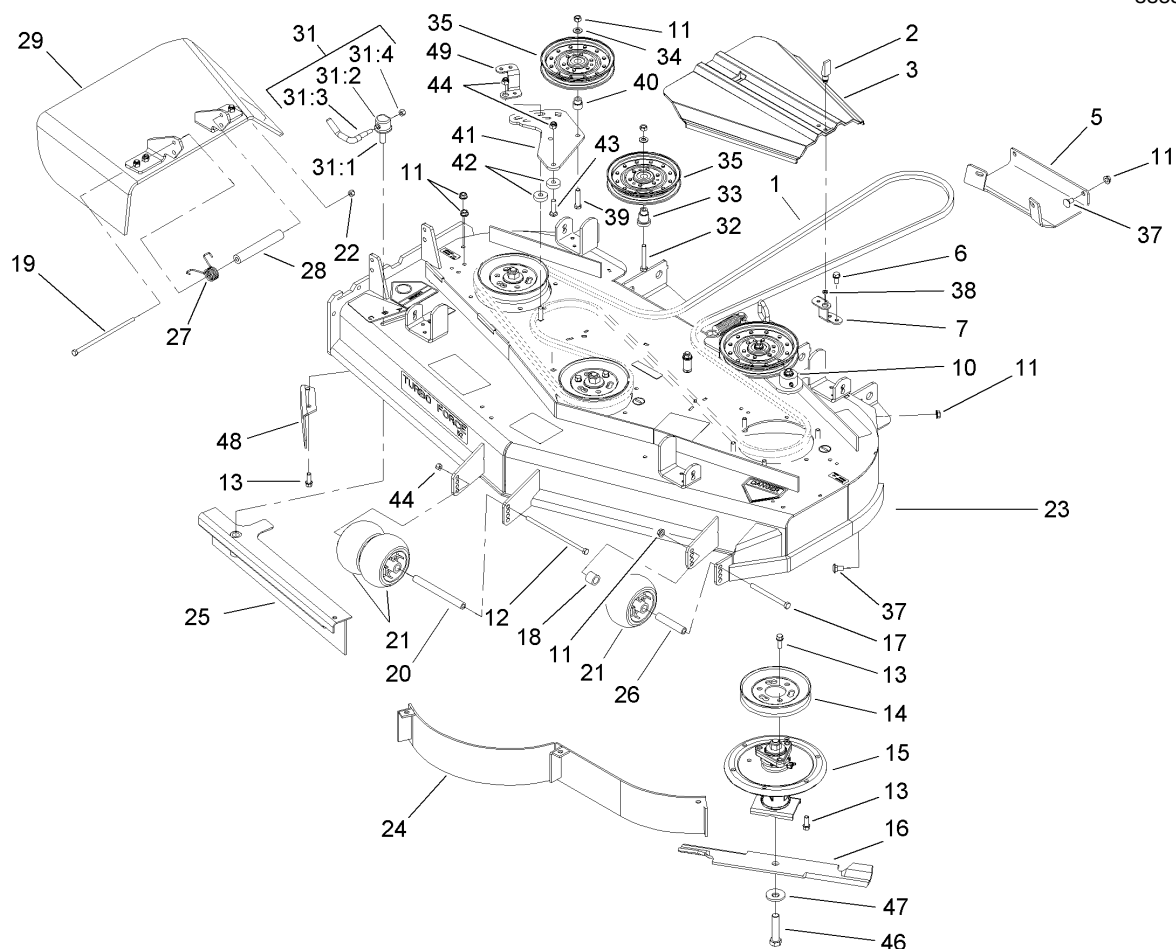
Deck Connection Assembly

Ref	Part No.	Qty.	Description				
1	107-1670	1	Turbo Force Deck ASM				
2	103-1898	8	Screw-HH				
3	1-633447	4	Chain-Lift, Deck				
5	3217-11	2	Nut-Hex				
6	3253-8	2	Washer-Lock				
7	327-11	2	Screw-HH				
8	107-3150	1	LH Strut ASM				
8:1	107-3103-01	1	Strut-Compact				
8:2	3219-6	1	Nut-Hex				
8:3	1-633029	1	Balljoint-Spherical				
9	107-1659	1	RH Strut ASM				
9:1	107-3103-01	1	Strut-Compact				
9:2	1-633029	1	Balljoint-Spherical				
9:3	3219-6	1	Nut-Hex				
11	93-2877	4	Bushing				
12	328-24	4	Screw-HH				
13	3296-51	4	Nut-Lock, NI				
14	32128-37	16	Nut-HF				
15	107-3100-01	2	Base-Strut				
16	3296-23	4	Nut-Lock, NI				
17	325-5	4	Screw-HH				



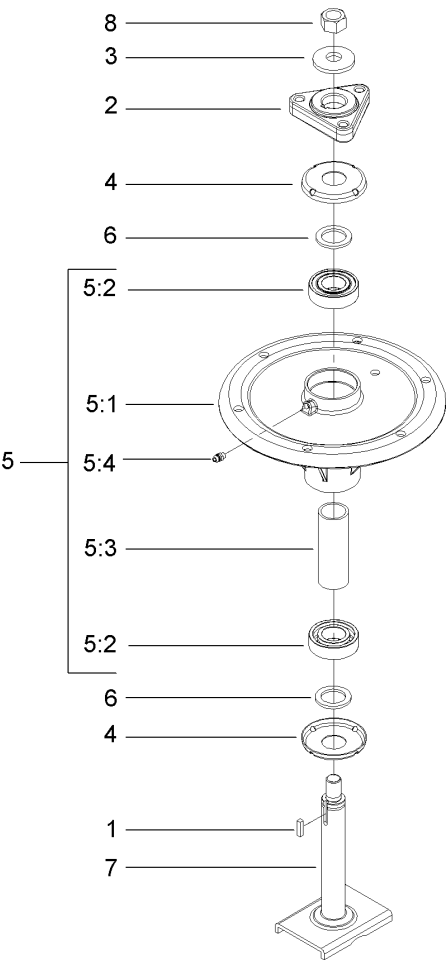
Deck Assembly No. 107-1670

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-7369	1	Belt-V	28	105-4622	1	Spacer
2	74-5950	2	Latch-Swell	29	108-2792	1	Rubber Deflector ASM
3	107-8536	2	Cover-Belt	31	107-1664	1	Lever ASM
5	106-7358-01	1	Plate-Skid	31:1	106-3239	1	Screw-Lock
6	32144-70	3	Screw-HH	31:2	107-1644	1	Cap-Lock
7	108-2177-01	3	Bracket-Cover, Tall	31:3	106-3241	1	Lever-Lock
10		1	Spring Idler ASM	31:4	3296-29	1	Nut-Lock, NI
11	3290-357	36	Nut-HHF	32	323-12	1	Screw-HH
12	323-28	1	Screw-HH	33	106-3214	1	Mount-Pulley
13	92-1624	33	Screw	34	3256-24	3	Washer-Flat
14	107-1683	3	Pulley	35	1-633109	2	Idler-Flat
15	107-8504	3	Spindle ASM	37	3231-1	10	Screw-CARR
16	105-7781-03	3	Blade-Hi Flow	38	99-3058	2	Washer
17	323-23	1	Screw-HH	39	323-9	1	Screw-HH
18	98-7913	1	Tube-Spacer	40	1-603496	1	Bushing-Idler
19	322-50	1	Screw-HH	41	107-8516-01	1	Plate-Idler
20	98-5967	1	Spacer-Wheel	42	105-7788	2	Spacer
21	1-603299	3	Roller-Scalp, Anti	43	3231-4	2	Screw-CARR
22	3296-29	1	Nut-Lock, NI	44	3296-39	6	Nut-Lock, NI
23	107-1669	1	Deck Decal ASM	46	103-0862	3	Screw-Cap
24	105-7754-01	1	Baffle ASM	47	103-0865	3	Washer-Blade Bolt, Heavy
25	105-7755-01	1	Baffle ASM	48	106-3216-01	1	Baffle-Discharge
26	98-7912	1	Tube-Spanner	49	108-2178-01	1	Bracket-Cover, Short
27	108-4052	1	Spring-Torsion	99	105-7779-03	3	Blade-Recycler



Deck Assembly No. 107-1670 (continued)

Ref	Part No.	Qty.	Description
①99	105-7794-03	3	Blade-Med Flow
①99	105-7795-03	3	Blade-Low Flow
①99	105-7796-03	3	Blade-Atomic

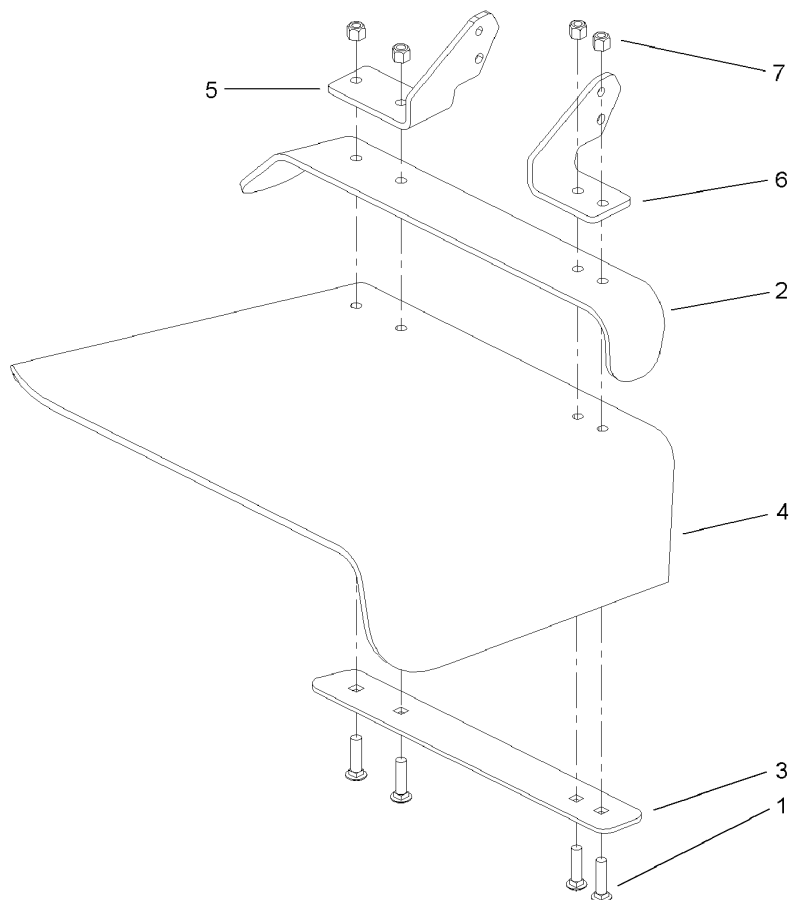


Spindle Assembly No. 107-8504

Ref	Part No.	Qty.	Description				
1	10-8040	1	Key-Square				
2	106-3277	1	Hub-Pulley				
3	103-0865	1	Washer-Blade Bolt, Heavy				
4	106-3204	2	Shield-Bearing				
5		1	Spindle Bearing ASM				
5:1	106-3211	1	Housing-Spindle				
5:2	113514	2	Bearing-Ball				
5:3	107-8502	1	Spacer-Bearing				
5:4	302-5	1	Fitting-Grease				
6	3-8514	2	Washer-Thrust				
7	107-8501	1	Spindle ASM				
8	3219-6	1	Nut-Hex				

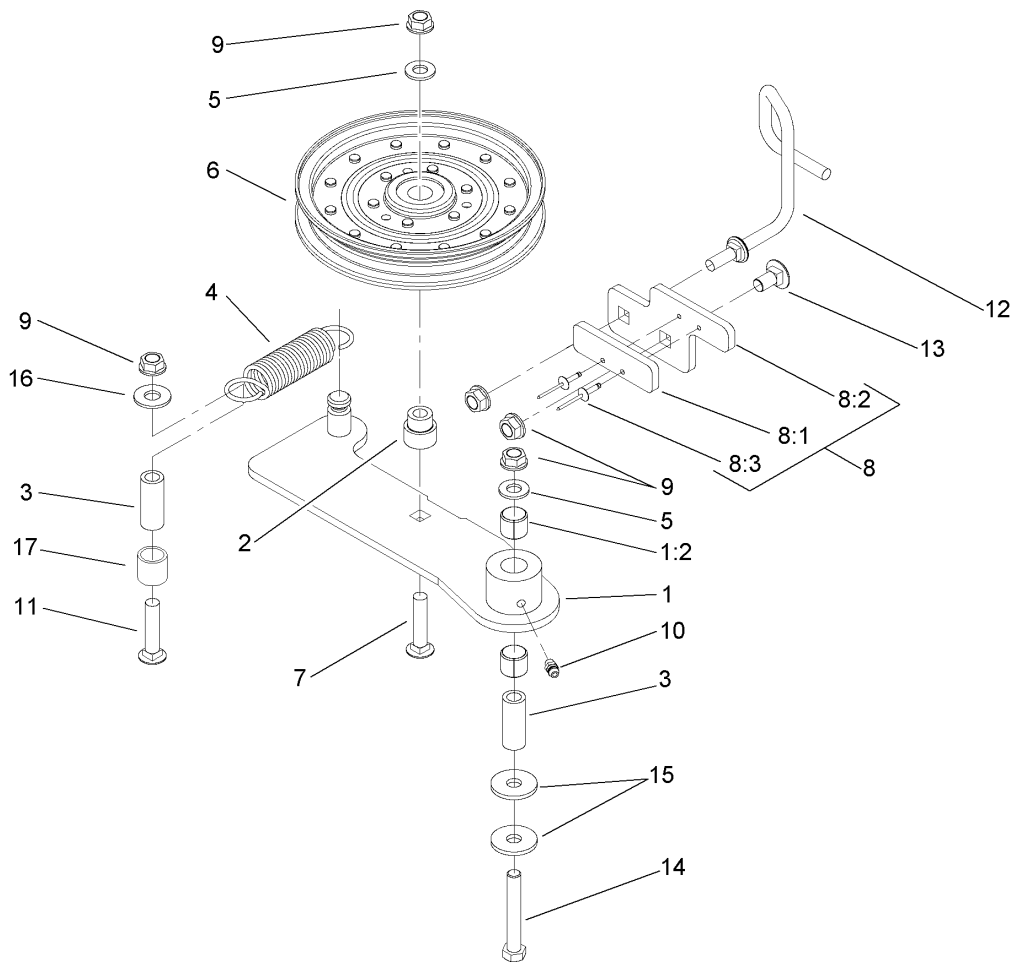


Ref	Part No.	Qty.	Description				
2	54-9220	1	Decal-Danger				
3	66-1340	1	Decal-Danger				
4	98-5954	3	Decal-Missing, Cover				
5	1-403005	1	Decal-Danger				
6	68-8340	1	Decal-Torque				
7	107-1687	1	Decal-Aid, Service				
8	105-7798	1	Decal-Scalp, Anti				
9	58-6520	3	Decal-Grease				
10	107-1622	1	Decal-Adjustment, Baffle				
11	107-1613	2	Decal-Grease				
12	107-1618	1	Decal-Turbo Force				
14	104-8569	1	Decal-Warning				



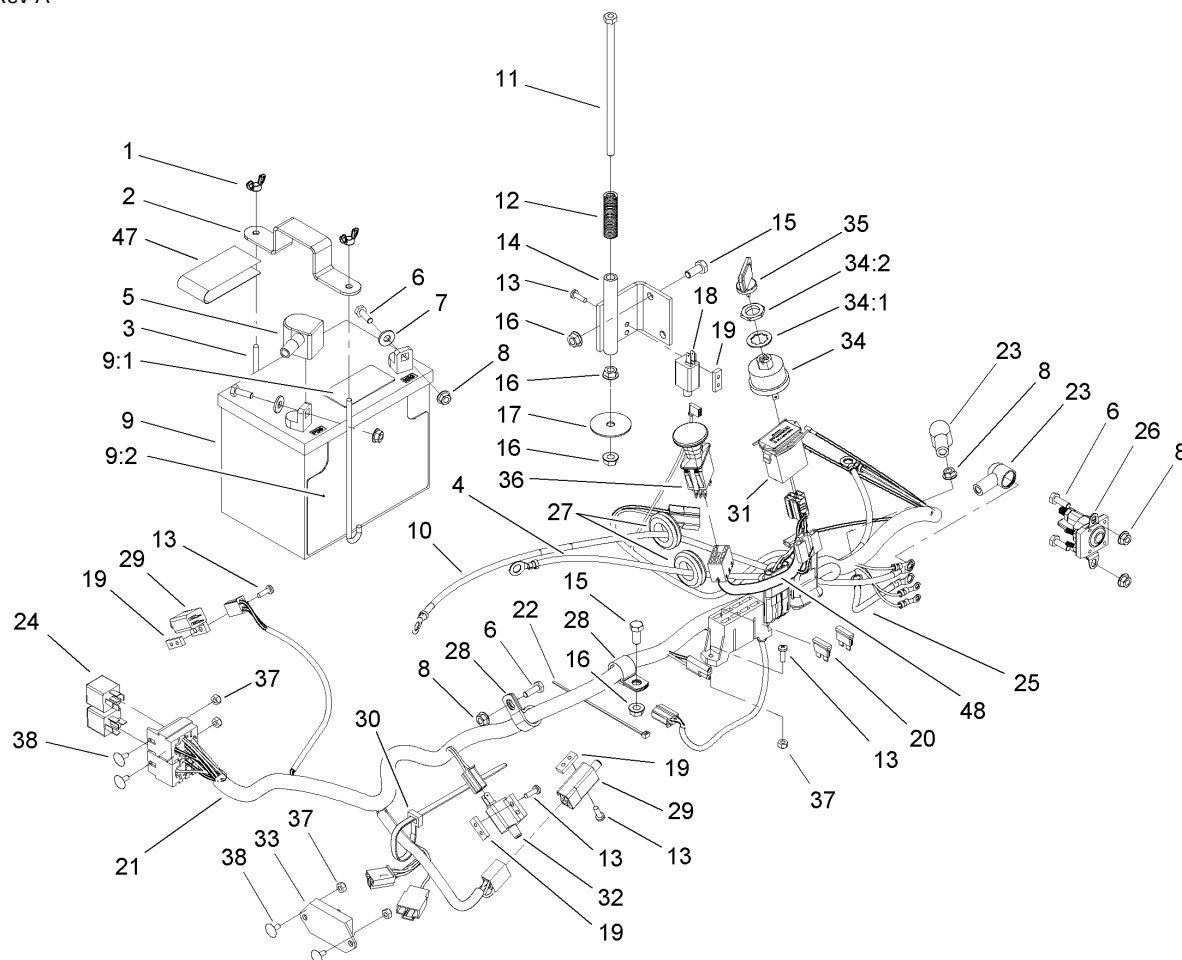
Rubber Deflector Assembly No. 108-2792

Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	108-5029	1	Deflector-Rubber				
5	108-4059-01	1	Plate-Hinge, Rear				
6	106-3253-01	1	Plate-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



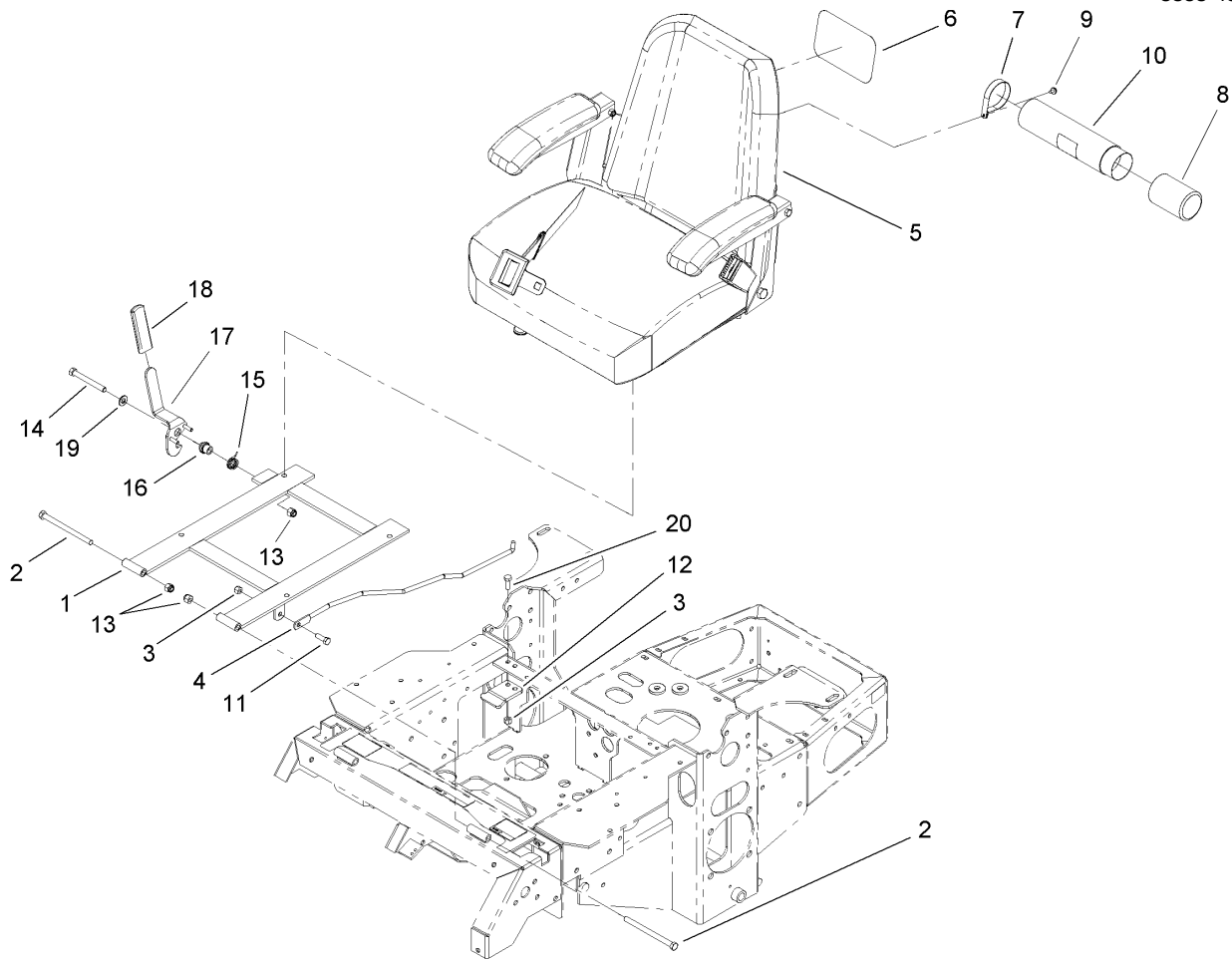
Idler Assembly

Ref	Part No.	Qty.	Description				
1	108-4062	1	Idler Arm ASM				
1:2	103-4681	2	Sleeve-Bearing				
2	1-603496	1	Bushing-Idler				
3	1-603044	2	Bushing				
4	108-4056	1	Spring-Extension				
5	3256-24	2	Washer-Flat				
6	1-633109	1	Idler-Flat				
7	3231-6	1	Screw-CARR				
8		1	Stop Pad ASM				
8:1	106-3229	1	Pad-Bumper				
8:2	107-1697-01	1	Plate-Stop				
8:3	3269-24	2	Rivet				
9	3290-357	5	Nut-HHF				
10	302-5	1	Fitting-Grease				
11	3231-31	1	Screw-CARR				
12	108-4072	1	Guide-Belt				
13	3231-1	1	Screw-CARR				
14	323-12	1	Screw-HH				
15	2844	2	Washer				
16	3256-4	1	Washer-Flat				
17	108-4063	1	Spacer-Rubber				



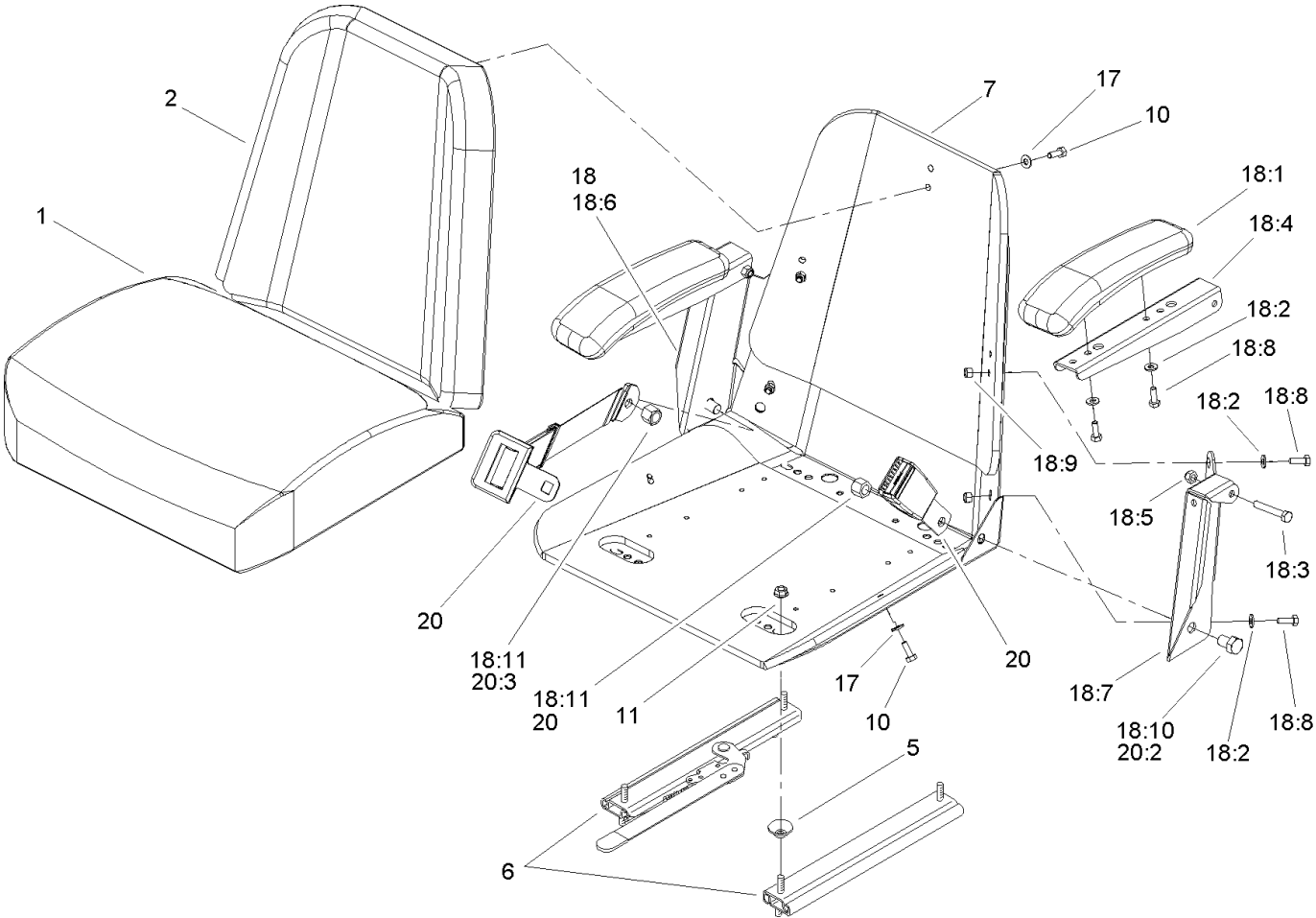
Electrical System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut	23	1-543393	3	Insulator-Solenoid
2	1-633652-03	1	Strap-Holddown	24	1-643275	2	Relay
3	1-633651	2	Bolt-Holddown	25	1-633306	1	Wire-Starter
4	103-0705	1	Cable-Ground, Negative	26	1-513075	1	Switch-Solenoid
5	1-543391	1	Insulator-Battery	27	1-543286	3	Grommet
6	321-4	5	Screw-HH	28	1-633396	2	Clip-Loom
7	3256-2	2	Washer-Flat	29	1-513051	2	Switch-Open, Normally
8	32128-33	6	Nut-HF	30	1-303335	4	Tie-Plastic
9	105-1692	1	Battery	31	1-513374	1	Meter-Hour
9:1	104-4163	1	Decal-Battery	32	1-633111	1	Switch
9:2	104-4164	1	Decal-Battery	33	100-6186	1	Module-Delay, Seat
10	103-0707	1	Cable-Battery, Positive	34	88-9830	1	Key Switch ASM
11	1-800282	1	Screw-HH	34:1	3254-5	1	Washer-Tooth
12	1-523415	1	Spring-Switch, Seat	34:2	218-461	1	Nut-HH
13	1-803075	10	Screw-Head, Truss	35	63-8360	2	Key-Ignition
14	1-652072-03	1	Bracket-Switch, Seat	36	1-633673	1	Switch-Delta
15	322-3	3	Screw-HH	37	3296-2	6	Nut-Lock
16	32128-20	5	Nut-HF	38	1-807513	4	Bolt-CARR
17	1-653036	1	Washer	47	107-9309	1	Decal-Instructions, Charging
18	1-513152	1	Switch-Closed, Normally	48	107-8054	1	Harness-Electrical, Control Panel
19	1-633181	4	Plate-Tapped				
20	1-816001	2	Fuse-Blade Type, 20 Amp				
21	107-8051	1	Harness-Electrical				
22	1-303287	3	Tie-Plastic				



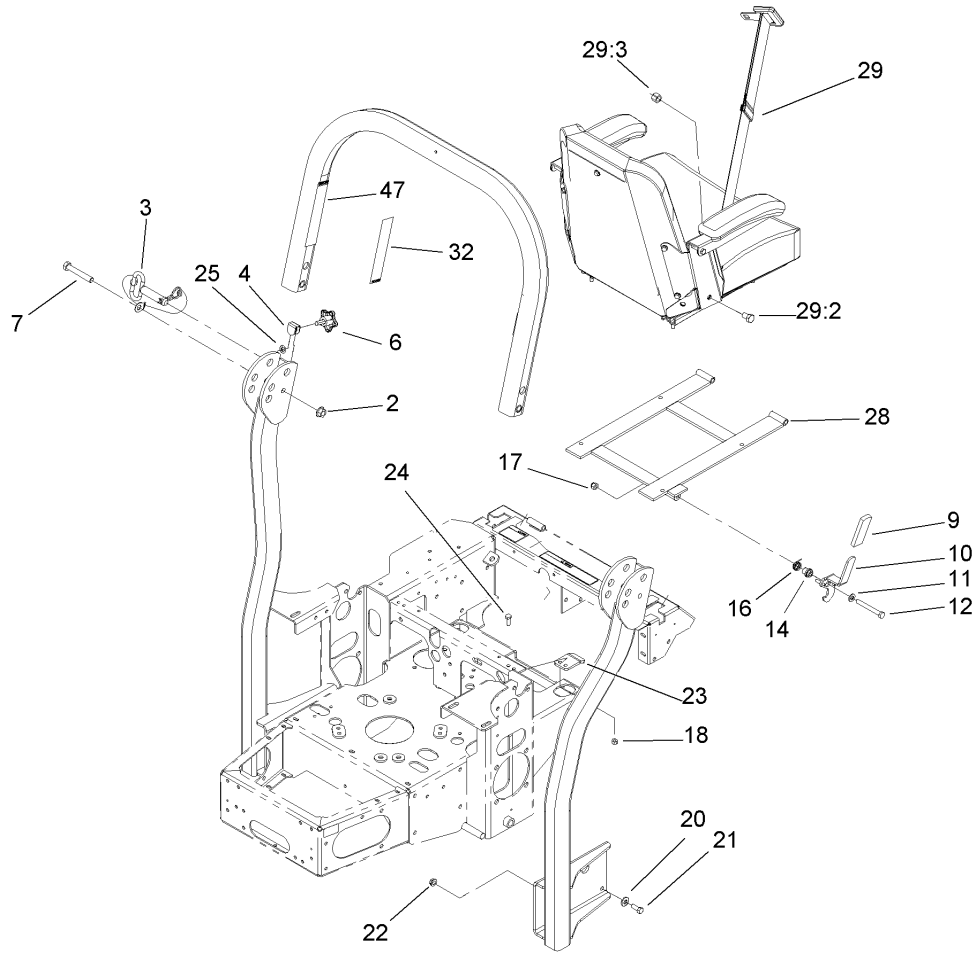
Seat and Bracket Assembly

Ref	Part No.	Qty.	Description				
1	107-3052-03	1	Seat Support Frame ASM				
2	323-39	2	Screw-HH				
3	3296-29	3	Nut-Lock, NI				
4	103-1731	1	Rod-Retainer, Seat				
5	107-1867	1	Seat ASM				
6	99-4693	1	Decal				
7	2412-120	2	R-Clamp				
8	104-7048	1	Cap-Housing				
9	32104-76	2	Screw				
10	104-7050	1	Housing-Manual				
11	322-5	1	Screw-HH				
12	103-5961	1	Catch-Latch, Seat				
13	3296-39	3	Nut-Lock, NI				
14	323-20	1	Screw-HH				
15	107-0076	1	Spring-Torsion				
16	107-0075	1	Bushing-Latch, Seat				
17	107-3083	1	Latch ASM				
18	62-9130	1	Grip-Handle				
19	3256-24	1	Washer-Flat				
20	322-4	2	Screw-HH				



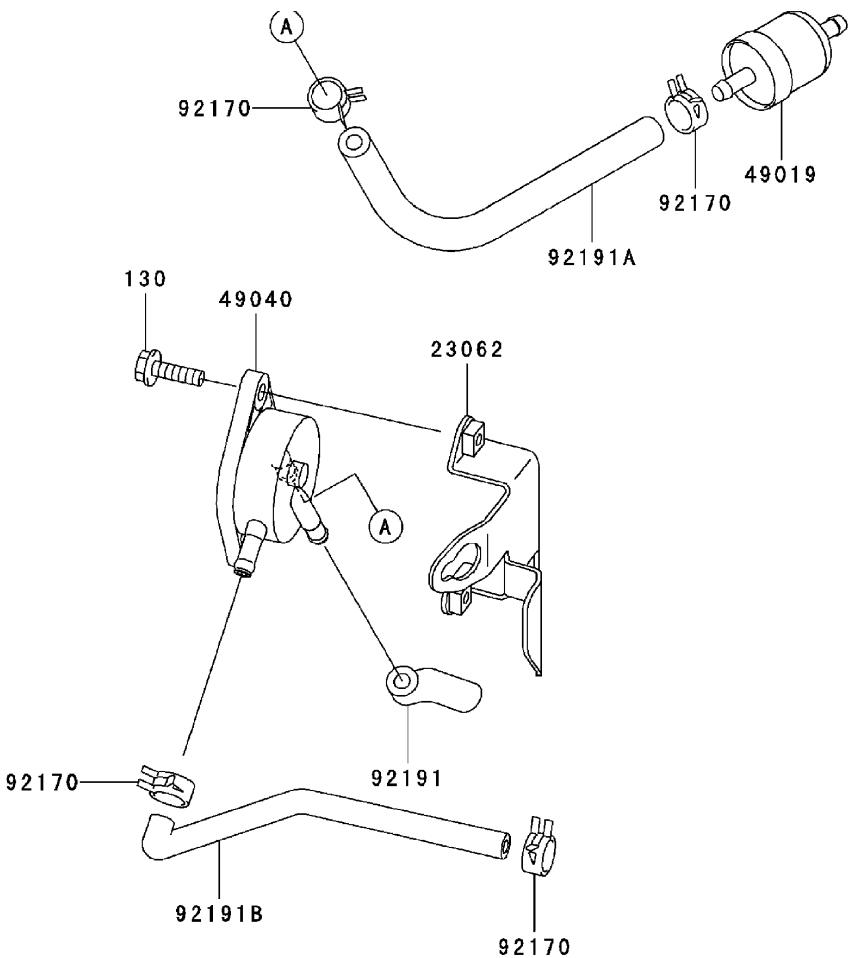
Seat Assembly No. 107-1867

Ref	Part No.	Qty.	Description				
1	103-0290	1	Cushion-Seat, Bottom				
2	104-7754	1	Cushion-Seat, Back				
5	1-543401	4	Spacer-Track				
6	1-643255	1	Track-Seat				
7	1-633859	1	Frame-Seat				
10	321-30	11	Screw-HH				
11	32128-20	4	Nut-HF				
17	3256-22	11	Washer-Flat				
18	105-3620	1	Armrest Kit				
18:1	1-633710	2	Cushion-Armrest				
18:2	3256-22	4	Washer-Flat				
18:3	322-10	2	Screw-HH				
18:4	105-3623	2	Channel-Armrest				
18:5	32153-3	2	Nut-Lock, Side				
18:6	105-3621	1	Bracket-Armrest, RH				
18:7	105-3622	1	Bracket-Armrest, LH				
18:8	321-30	6	Screw-HH				
18:9	3296-42	4	Nut-Lock, NI				
18:10	325-2	2	Screw-HH				
18:11	3296-23	2	Nut-Lock, NI				
20	103-4469	1	Seatbelt Kit				
20:2	3212-4	2	Screw-HH				
20:3	3296-38	2	Nut-Lock NI				



Roll-Over-Protection System Assembly No. 107-8093

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	32128-23	2	Nut-HF	47	107-2102	1	Decal-Warning, Folding ROPS
3	103-4553	2	ROPS Fold Pin ASM				
4	107-3124	2	Clip				
6	106-0887	2	Knob				
7	325-13	2	Screw-HH				
9	62-9130	1	Grip-Handle				
10	107-3083	1	Latch ASM				
11	3256-24	1	Washer-Flat				
12	323-20	1	Screw-HH				
14	107-0075	1	Bushing-Latch, Seat				
16	107-0076	1	Spring-Torsion				
17	3296-39	1	Nut-Lock, NI				
18	3296-29	2	Nut-Lock, NI				
20	98-5975	8	Washer-Belleville				
21	323-6	8	Screw-HH				
22	3290-357	8	Nut-HHF				
23	107-3059	1	Catch-Latch, Seat				
24	322-4	2	Screw-HH				
25	107-3154	2	Nut-Push				
28	107-3052-03	1	Seat Support Frame ASM				
29	103-4469	1	Seatbelt Kit				
29:2	3212-4	2	Screw-HH				
29:3	3296-38	2	Nut-Lock NI				
32	107-3069	1	Decal-Warning, Folding ROPS				

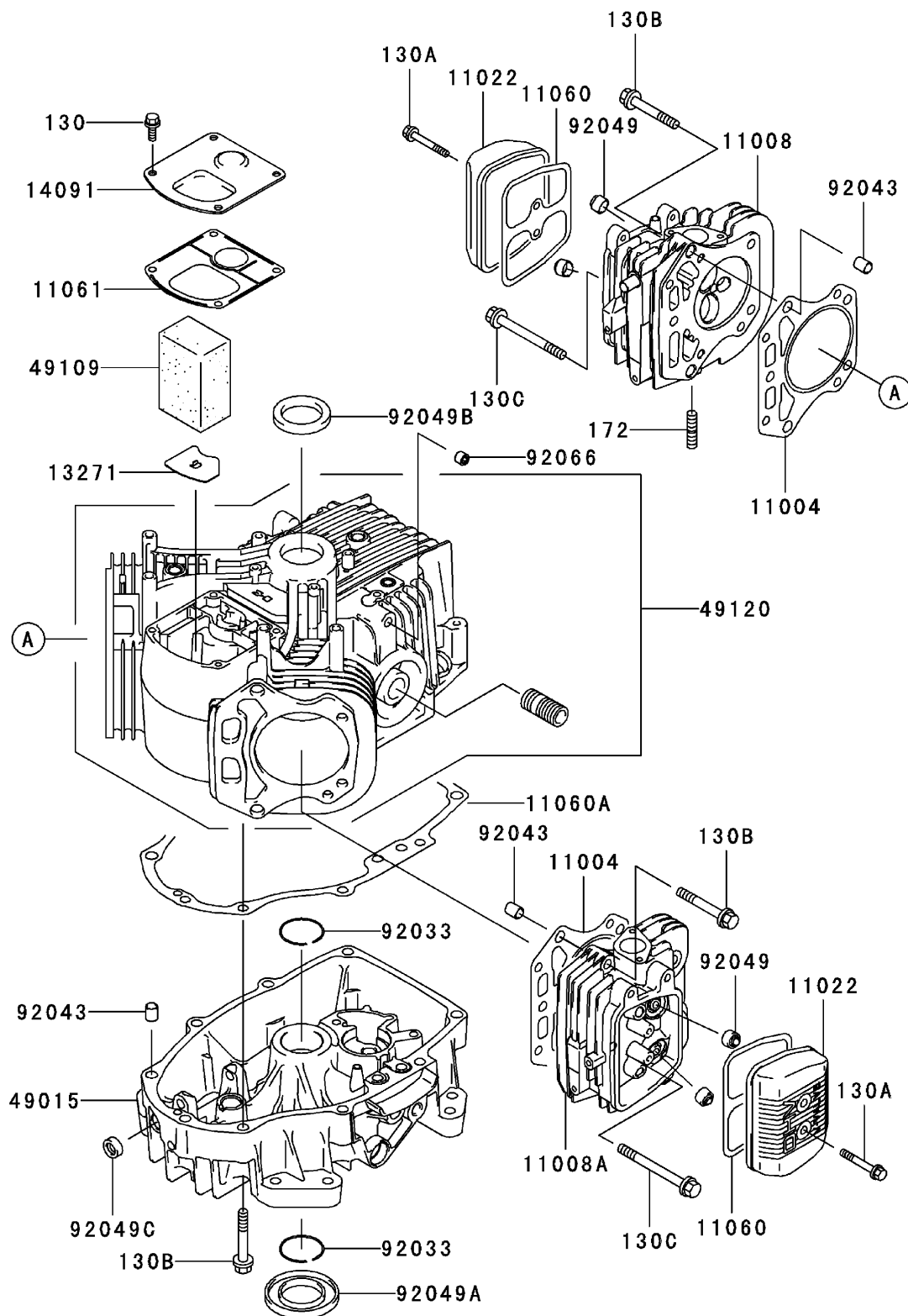


Fuel Tank / Fuel Valve Assembly
Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
③ 23062	23062-7004-9H	1	Bracket-Complete				
③ 49019	49019-7001	1	Filter-Fuel				
③ 49040	49040-7001	1	Pump-Fuel				
③ 92170	92170-2088	4	Clamp				
③ 92191	92191-7002	1	Tube				
③ 92191A	92191-7003	1	Tube (6.35X12.7X160)				
③ 92191B	92191-7004	1	Tube				
③ 130	130B0620	2	Bolt-Flanged				

Cylinder / Crankcase Assembly

Kawasaki FH580V AS30



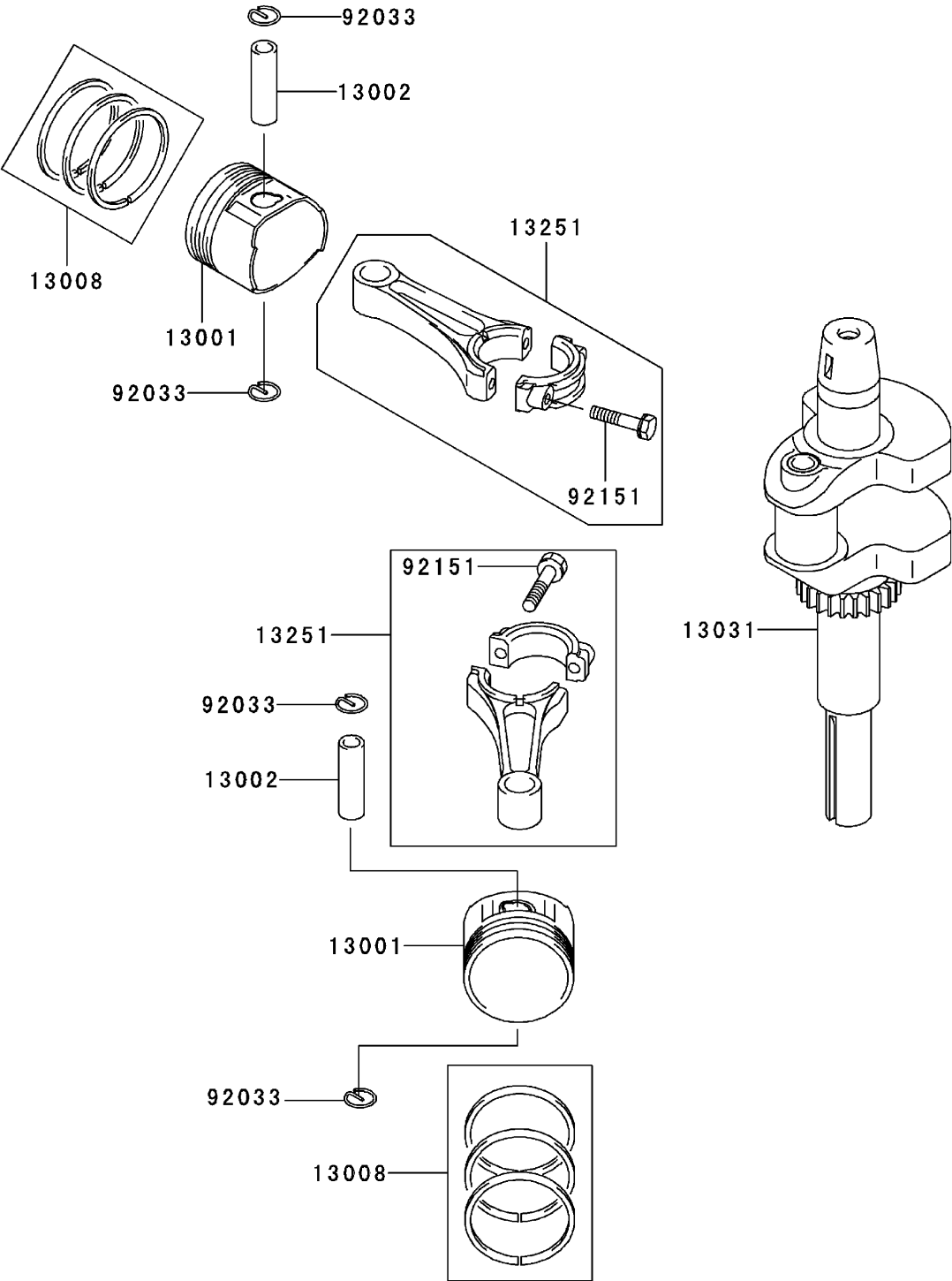
Cylinder / Crankcase Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
⑤11004	11004-7016	2	Gasket-Head				
⑤11008	11008-6043	1	Head-Cylinder, No. 1				
⑤11008A	11008-7020	1	Head-Cylinder, No. 2				
⑤11022	11022-7003	2	Case-Rocker				
⑤11060	11060-7001	2	Gasket-Case, Rocker				
⑤11060A	11060-7008	1	Gasket-Cover, Crankcase				
⑤11061	11061-7001	1	Gasket-Breather				
⑤13271	13271-7016	1	Plate				
⑤14091	14091-7006	1	Cover				
⑤49015	49015-6253	1	Cover-Crankcase				
⑤49109	49109-7002	1	Element-Breather				
⑤49120	49120-7023	1	Crankcase-Complete				
⑤92033	92033-7003	2	Ring-Snap				
⑤92043	92043-7001	6	Pin				
⑤92049	92049-7001	4	Seal-Oil, Rvc2 (6X11X10.2)				
⑤92049A	92049-7015	1	Seal-Oil, Sd (35X62X8 L Hs)				
⑤92049B	92049-7016	1	Seal-Oil, Sd (35X48X8 R Hs)				
⑤92049C	92049-7019	1	Seal-Oil, So (8X14X5 Hs)				
⑤92066	92066-7002	1	Plug				
⑤130	130B0612	4	Bolt-Flanged				
⑤130A	130B0640	4	Bolt-Flanged				
⑤130B	130T0850	17	Bolt-Flanged				
⑤130C	130T0875	2	Bolt-Flanged				
⑤172	172G0818	4	Bolt-Stud				

Piston / Crankshaft Assembly

Kawasaki FH580V AS30



Piston / Crankshaft Assembly Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description
⑨13001	13001-7010	2	Piston-Engine
⑨13002	13002-7001	2	Pin-Piston
⑨13008	13008-6060	2	Ring Set-Piston
⑨13031	13031-7036	1	Crankshaft-Complete
⑨13251	13251-7010	2	Connecting Rod ASM
⑨92033	92033-7005	4	Ring-Snap
⑨92151	92151-7017	4	Bolt (6X35)

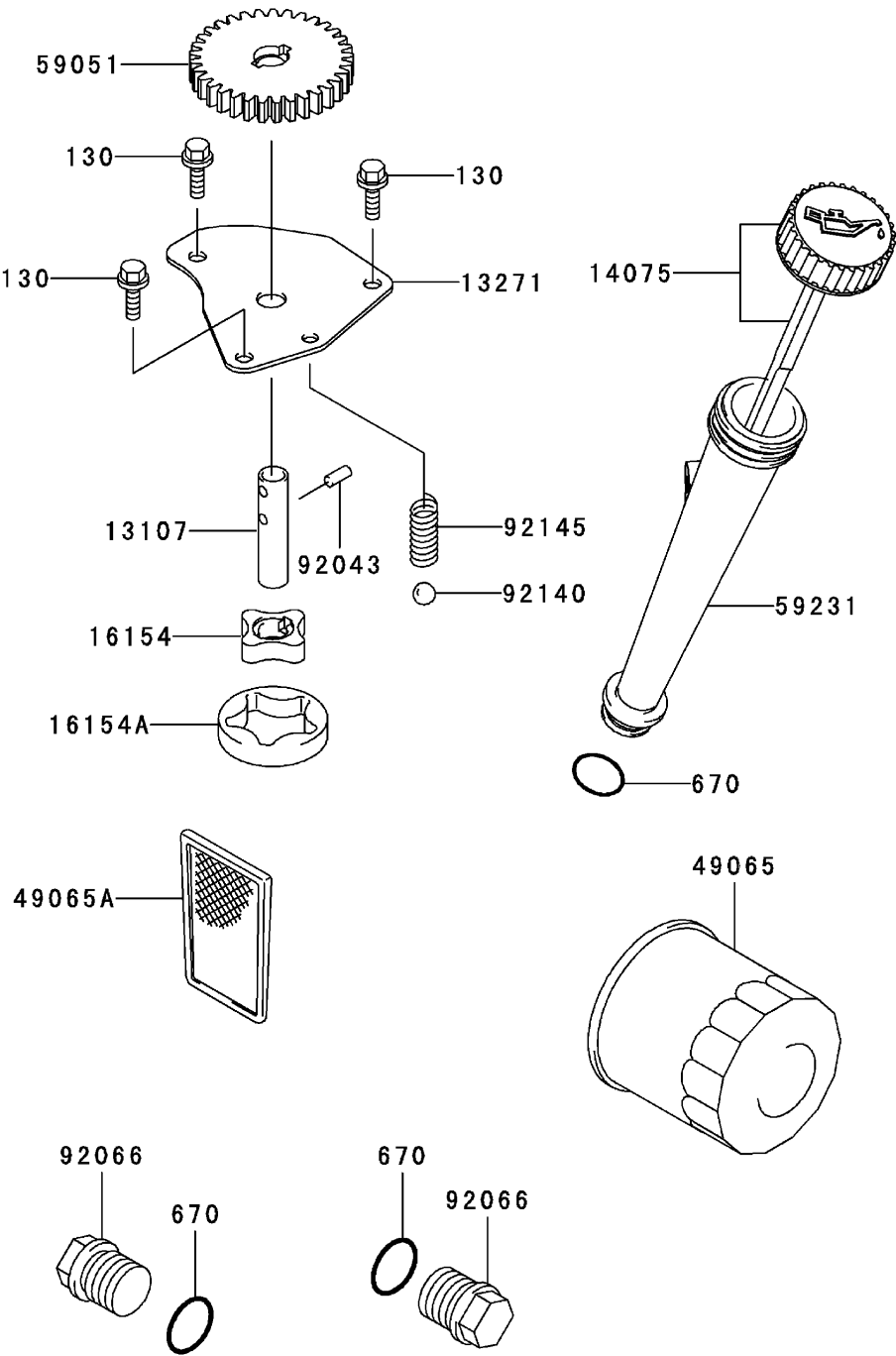
Valve / Camshaft Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
⑤12004	12004-7003	2	Valve-Intake				
⑤12005	12005-7003	2	Valve-Exhaust				
⑤12009	12009-7001	4	Retainer-Spring, Valve				
⑤12011	12011-2056	8	Collet				
⑤12016	12016-7001	4	Arm-Rocker				
⑤12032	12032-7001	4	Tappet				
⑤13070	13070-7001	2	Guide				
⑤13070A	13070-7004	1	Guide				
⑤13116	13116-2057	4	Rod-Push				
⑤13271	13271-7007	1	Plate				
⑤13271A	13271-7021	1	Plate-Governor				
⑤42036	42036-7009	1	Sleeve				
⑤49078	49078-7001	4	Spring-Valve, Engine				
⑤49118	49118-7004	1	Camshaft-Complete				
⑤92009	92009-2341	4	Screw				
⑤92015	92015-2253	4	Nut				
⑤92033	92033-7001	2	Ring-Snap				
⑤92140	92140-7002	6	Ball				
⑤92145	92145-7001	1	Spring				
⑤92153	92153-7019	4	Bolt				
⑤92200	92200-7001	1	Washer				

Lubrication Equipment Assembly

Kawasaki FH580V AS30



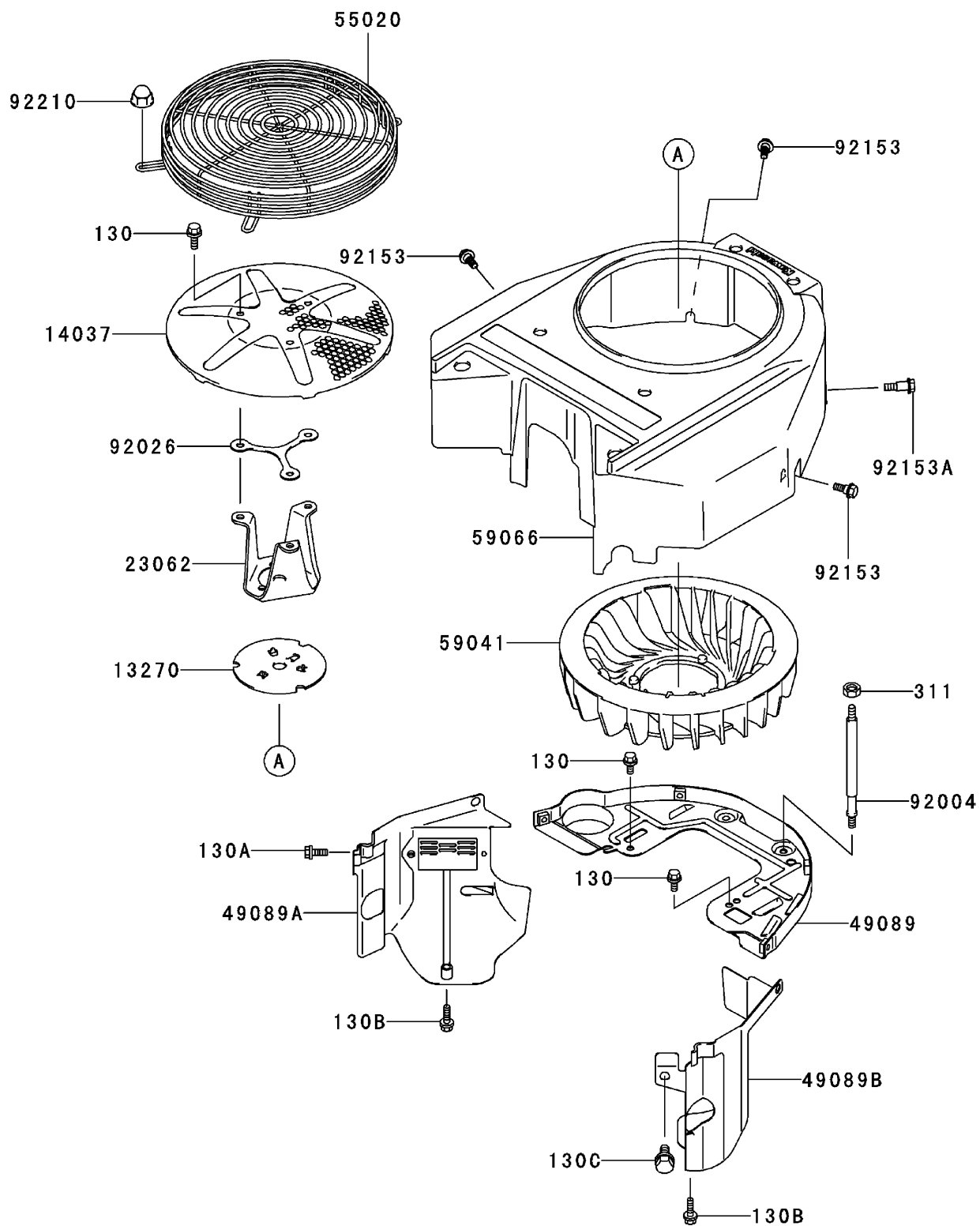
Lubrication Equipment Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
⑤13107	13107-7009	1	Shaft				
⑤13271	13271-7017	1	Plate				
⑤14075	14075-7009	1	Cap ASM				
⑤16154	16154-2053	1	Rotor-Pump (In)				
⑤16154A	16154-2054	1	Rotor-Pump (Out)				
⑤49065	49065-2078	1	Filter-Oil				
⑤49065A	49065-7004	1	Filter-Oil				
⑤59051	59051-7011	1	Gear-Spur				
⑤59231	59231-7005	1	Filler				
⑤92043	92043-7003	2	Pin				
⑤92066	92066-7003	2	Plug				
⑤92140	92140-7003	1	Ball				
⑤92145	92145-7002	1	Spring				
⑤130	130B0612	3	Bolt-Flanged				
⑤670	670D2016	3	O-Ring (16Mm)				

Cooling Equipment Assembly

Kawasaki FH580V AS30



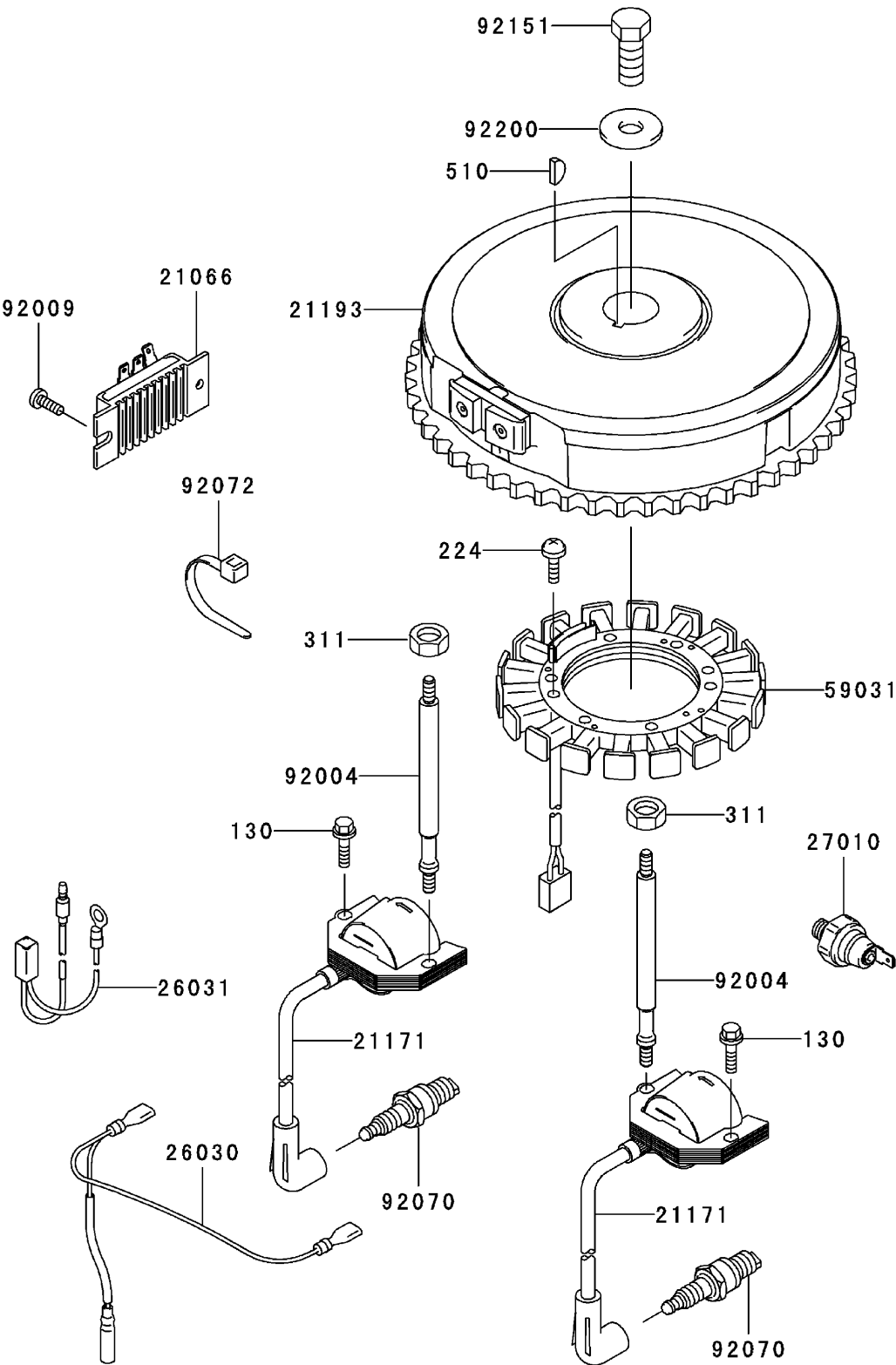
Cooling Equipment Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
③13270	13270-7007	1	Plate				
③14037	14037-7020-9H	1	Screen				
③23062	23062-7010	1	Bracket				
③49089	49089-7032	1	Shroud-Engine				
③49089A	49089-7042	1	Shroud-Engine				
③49089B	49089-7043	1	Shroud-Engine				
③55020	55020-7004	1	Guard				
③59041	59041-7010	1	Fan				
③59066	59066-7024	1	Housing-Fan				
③92004	92004-7006	2	Stud				
③92026	92026-7007	1	Spacer				
③92153	92153-7007	3	Bolt				
③92153A	92153-7008	1	Bolt				
③92210	92210-0003	4	Nut				
③130	130B0612	5	Bolt-Flanged				
③130A	130B0616	2	Bolt-Flanged				
③130B	130B0625	2	Bolt-Flanged				
③130C	130B0816	1	Bolt-Flanged				
③311	311B0600	2	Nut-Hex				

Electric Equipment Assembly

Kawasaki FH580V AS30



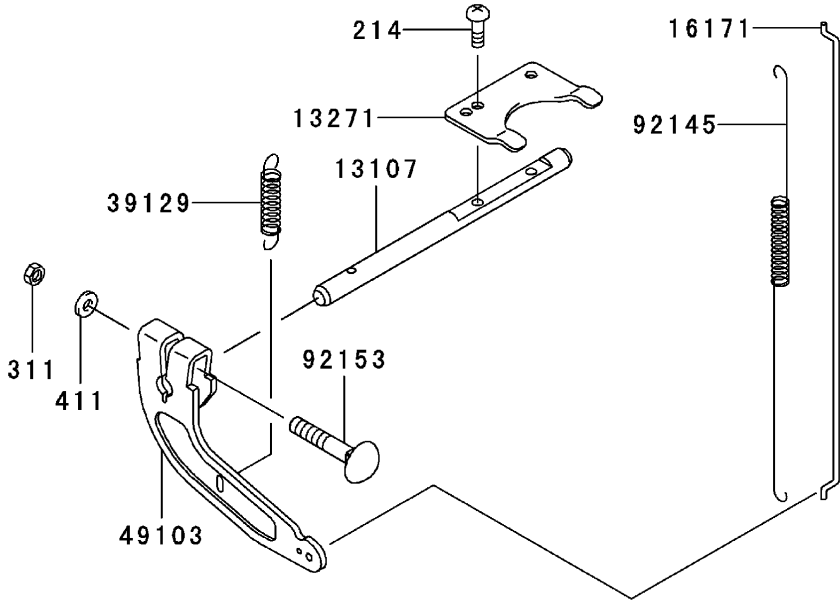
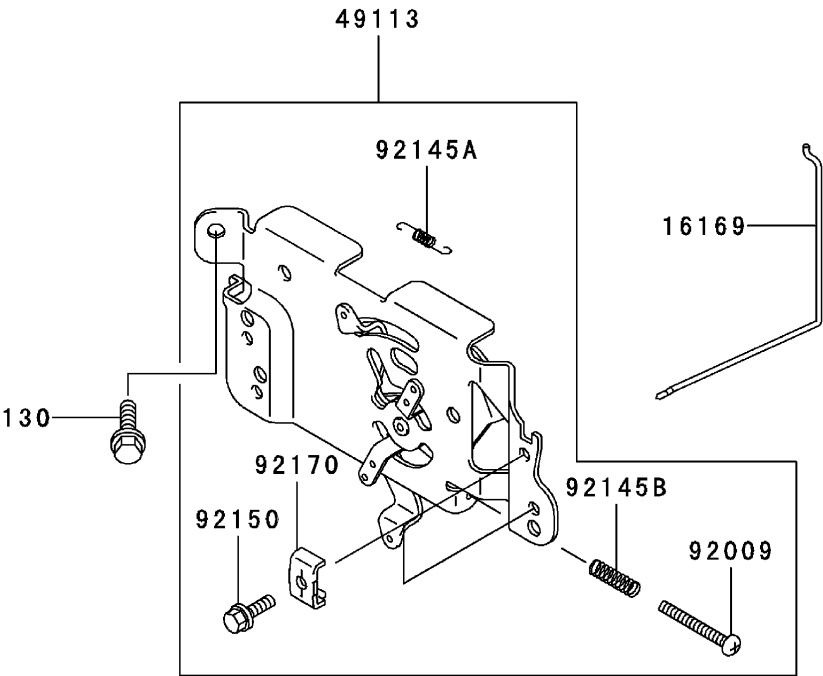
Electric Equipment Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
③21066	21066-7011	1	Regulator-Voltage				
③21171	21171-7013	2	Ignition Coil ASM				
③21193	21193-7007	1	Flywheel ASM				
③26030	26030-7001	1	Harness				
③26031	26031-7002	1	Harness				
③27010	27010-7001	1	Switch				
③59031	59031-7001	1	Coil-Charging				
③92004	92004-7009	2	Stud				
③92009	92009-2308	1	Screw				
③92070	92070-7003	2	Plug-Spark (Rcj8Y, Solid)				
③92072	92072-7003	2	Band				
③92151	92151-2097	1	Bolt (12X30)				
③92200	92200-7002	1	Washer				
③130	130B0620	2	Bolt-Flanged				
③224	224B0520	4	Screw-Pan				
③311	311B0600	2	Nut-Hex				
③510	510A5100	1	Key-Woodruff				

Control Equipment Assembly

Kawasaki FH580V AS30



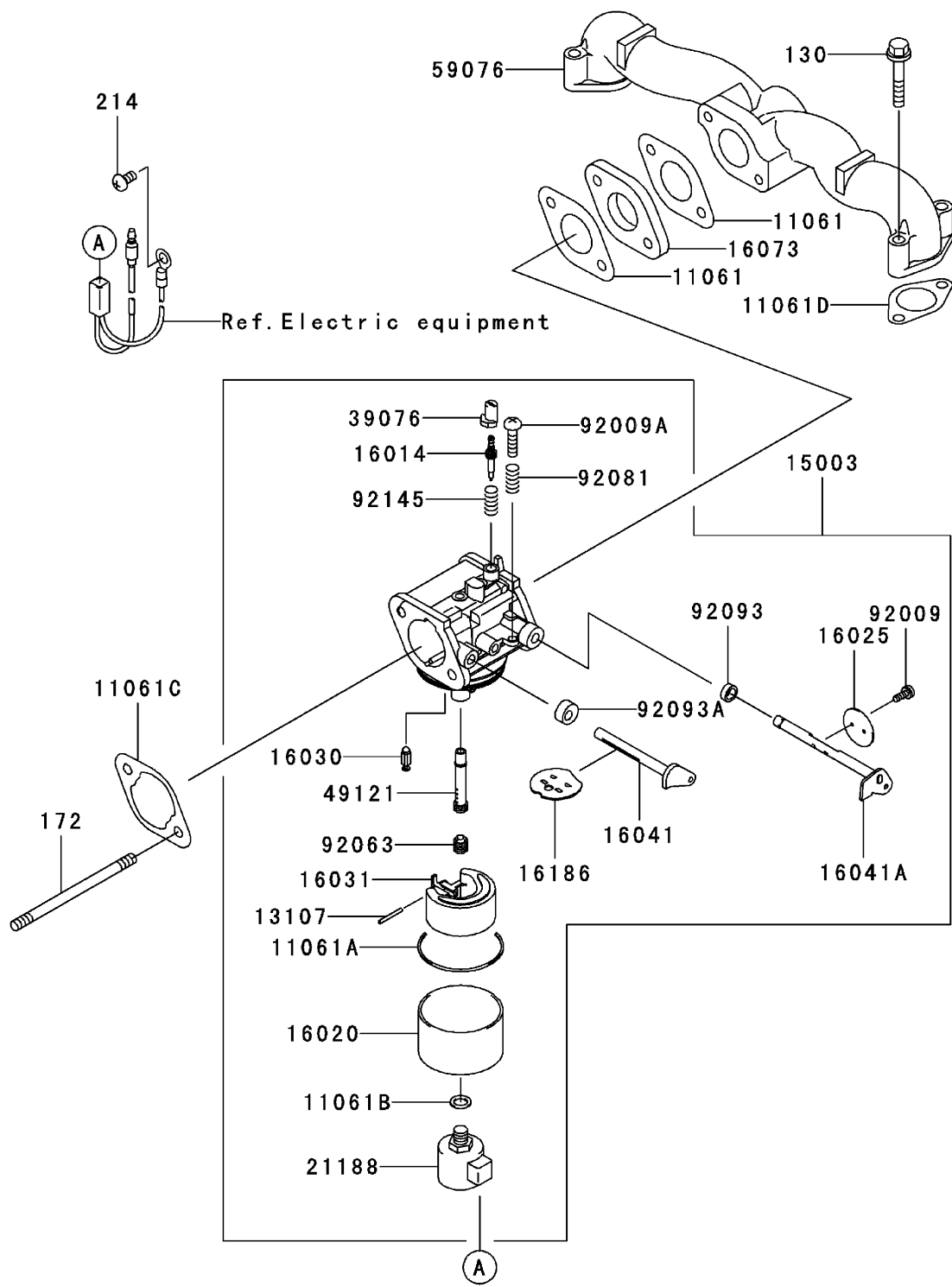
Control Equipment Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
③13107	13107-7010	1	Shaft				
③13271	13271-7018	1	Plate				
③16169	16169-7010	1	Link-Choke				
③16171	16171-7001	1	Link				
③39129	39129-7003	1	Spring-Governor				
③49103	49103-7004	1	Arm-Governor				
③49113	49113-7011	1	Panel-Control				
③92009	92009-7007	1	Screw (4X35)				
③92145	92145-7003	1	Spring				
③92145A	92145-7004	1	Spring				
③92145B	92145-7005	1	Spring				
③92150	92150-2182	2	Bolt (5X18)				
③92153	92153-7033	1	Bolt (6X35)				
③92170	92170-7001	2	Clamp				
③130	130B0612	2	Bolt-Flanged				
③214	214B0408	2	Screw-Pan				
③311	311B0600	1	Nut-Hex				
③411	411b0600	1	Washer-Plain				

Carburetor Assembly

Kawasaki FH580V AS30

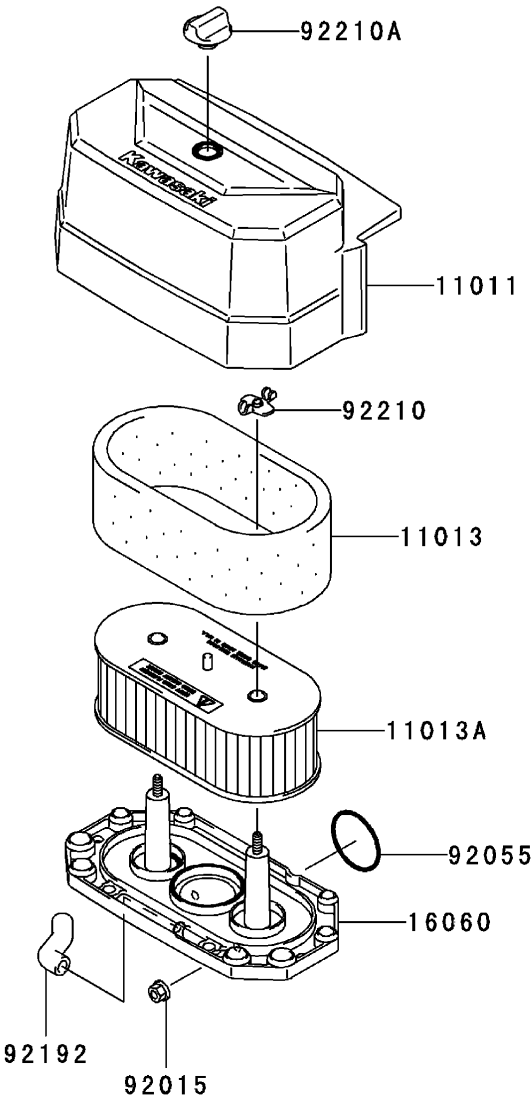


Carburetor Assembly Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
③11061	11061-7004	2	Gasket-Insulator				
③11061A	11061-7009	1	Gasket-Chamber				
③11061B	11061-7010	1	Gasket-Screw				
③11061C	11061-7018	1	Gasket-Cleaner, Air				
③11061D	11061-7019	2	Gasket				
③13107	13107-7018	1	Shaft				
③15003	15003-7100	1	Carburetor ASM				
③16014	16014-7007	1	Screw-Air, Pilot				
③16020	16020-7003	1	Chamber-Float				
③16025	16025-7006	1	Valve-Throttle				
③16030	16030-7003	1	Valve-Float				
③16031	16031-7002	1	Float				
③16041	16041-7016	1	Shaft-Choke, Carburetor				
③16041A	16041-7018	1	Shaft-Throttle, Carburetor				
③16073	16073-7007	1	Insulator				
③16186	16186-7004	1	Choke Valve ASM				
③21188	21188-7002	1	Solenoid				
③39076	39076-7001	1	Limiter				
③49121	49121-7004	1	Nozzle-Main				
③59076	59076-7001	1	Manifold-Intake				
③92009	92009-2083	2	Screw				
③92009A	92009-2349	1	Screw				
③92063	92063-7062	1	Jet-Main, No. 110				
③92081	92081-2234	1	Spring				
③92093	92093-2100	1	Seal				
③92093A	92093-7003	1	Seal				
③92145	92145-7015	1	Spring				
③130	130B0635	4	Bolt-Flanged				
③172	172G0690	2	Bolt-Stud				
③214	214B0510	1	Screw-Pan				

Air Filter / Muffler Assembly

Kawasaki FH580V AS30



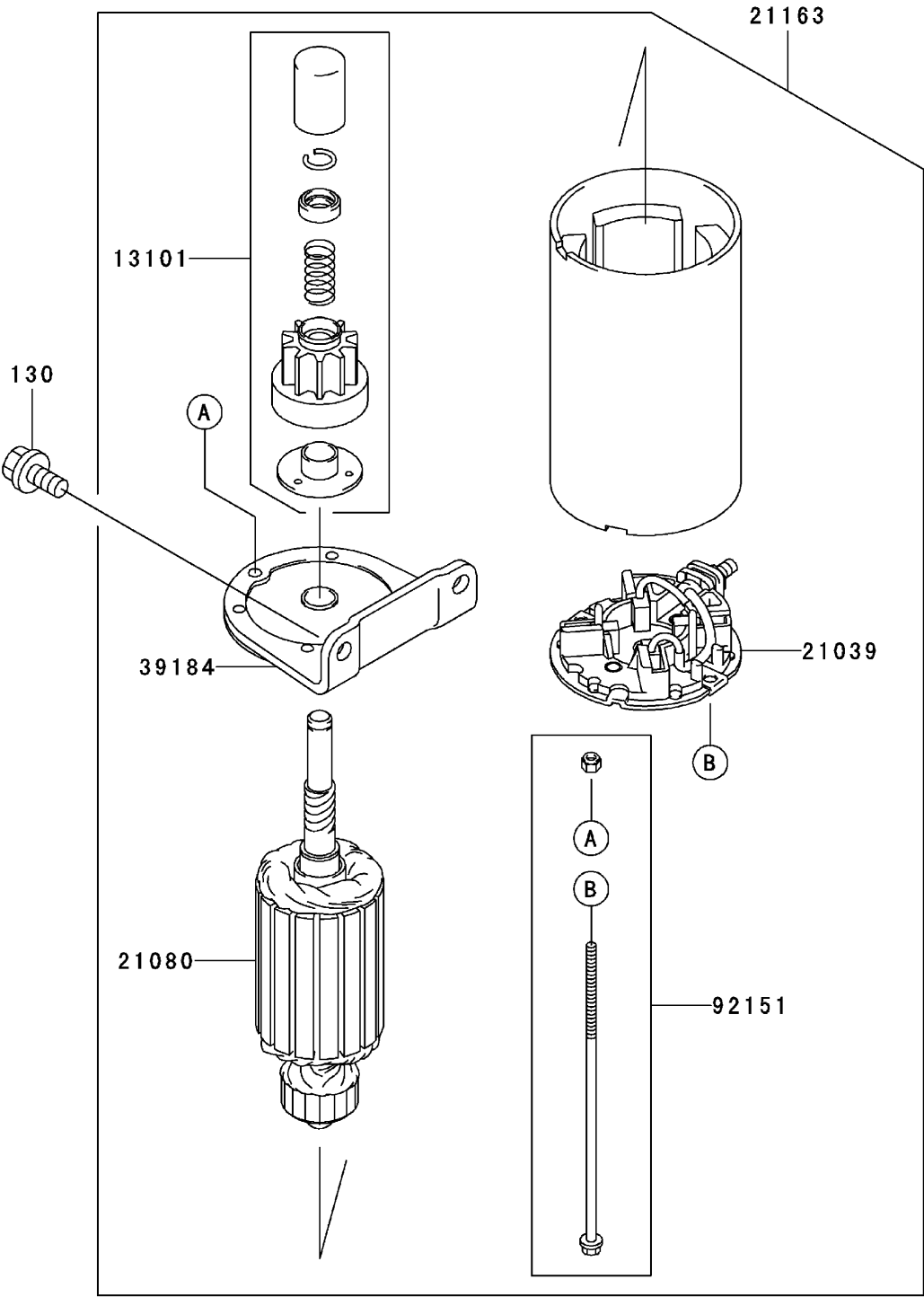
PARTS SHIPPED LOOSE

	11060		11060
	461		461
	317		317

Air Filter / Muffler Assembly Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description				
③11011	11011-7036	1	Case-Filter, Air				
③11013	11013-7025	1	Element-Filter, Air				
③11013A	11013-7031	1	Element-Filter, Air				
③11060	11060-7021	2	Gasket-Muffler				
③16060	16060-7016	1	Pipe-Intake				
③92015	92015-1193	2	Nut				
③92055	92055-7015	1	O-Ring				
③92192	92192-7010	1	Tube				
③92210	92210-7004	2	Nut				
③92210A	92210-7019	1	Nut				
③317	317R0800	4	Nut-Hex, Small				
③461	461F0800	4	Washer-Spring				

Starter Assembly
Kawasaki FH580V AS30

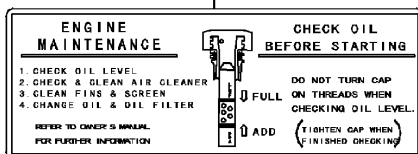


Starter Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description
⑤13101	13101-7003	1	Gear ASM
⑤21039	21039-7004	1	Brush
⑤21080	21080-7001	1	Armature
⑤21163	21163-7010	1	Starter-Electric
⑤39184	39184-7004	1	Bracket ASM
⑤92151	92151-7013	1	Bolt
⑤130	130B0816	2	Bolt-Flanged

56033



56070



56080



Label Assembly

Kawasaki FH580V AS30

Ref	Part No.	Qty.	Description
③56033	56033-7002	1	Label-Manual
③56070	56070-7001	1	Label-Warning
③56080	56080-7022	1	Label-Brand

Attachments and Accessories

For 74415 - Z449 Z Master, With 52in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Blade-Recycler	105-7779-03
Blade-Hi Flow, 18in	105-7781-03
Blade-Med Flow	105-7794-03
Blade-Low Flow	105-7795-03
Blade-Atomic	105-7796-03
Deck Lift Assist Kit	106-9749
52in Recycler Kit	107-1610
Striping Kit	107-1630
Deluxe Suspension Seat	107-1891
Suspension Kit for Standard Seat	107-1892
Z Stand Kit	107-8599
52in Finishing Kit (Twin)	78501
Twin Bagger	78507
DFS Vac Collection System	78510
Hitch kit	99-8924

NOTES

NOTES

