



Z453 Z Master[®]

With 132cm TURBO FORCE Side Discharge Mower

Model No. 74416TE - 250000001 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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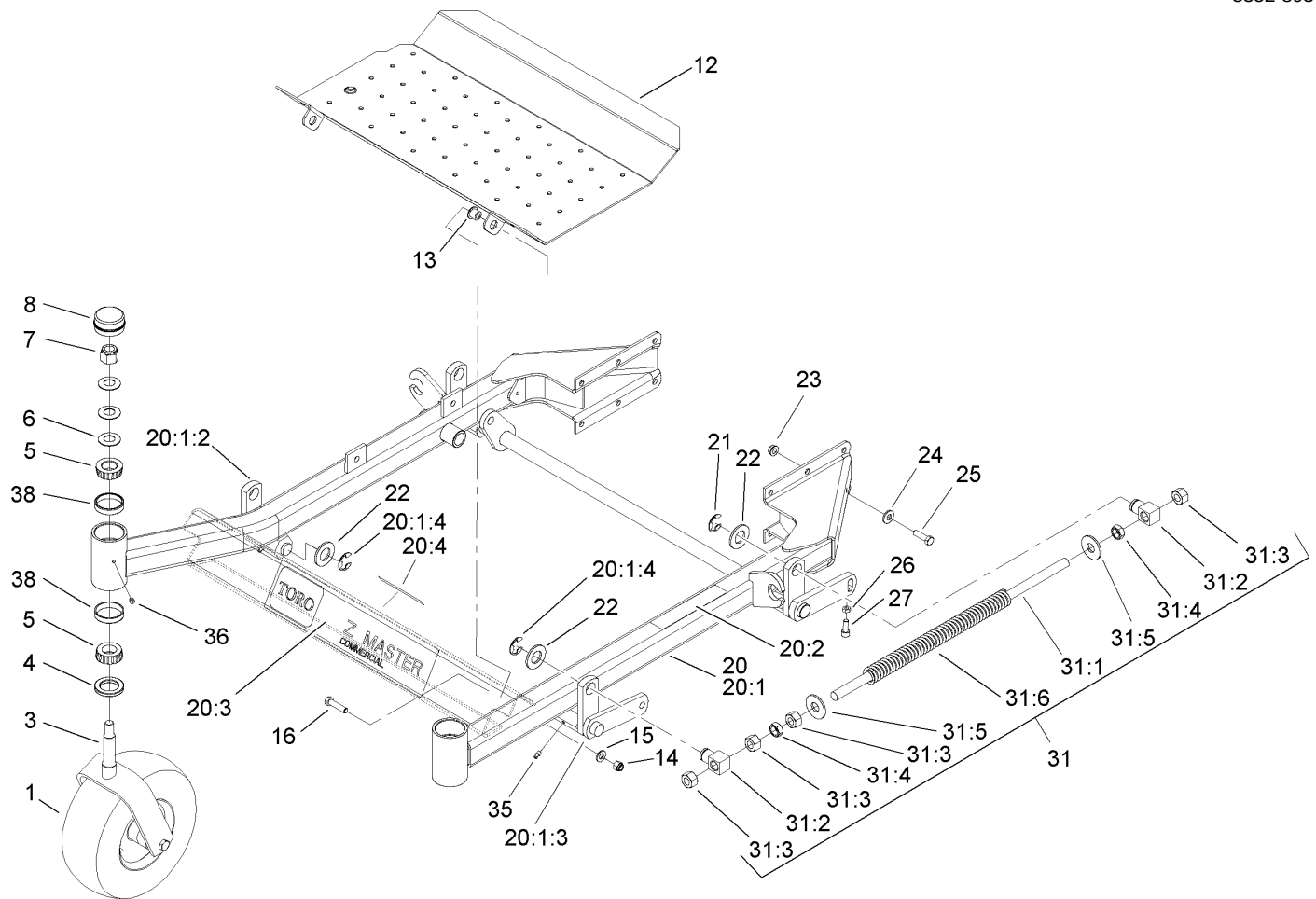
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

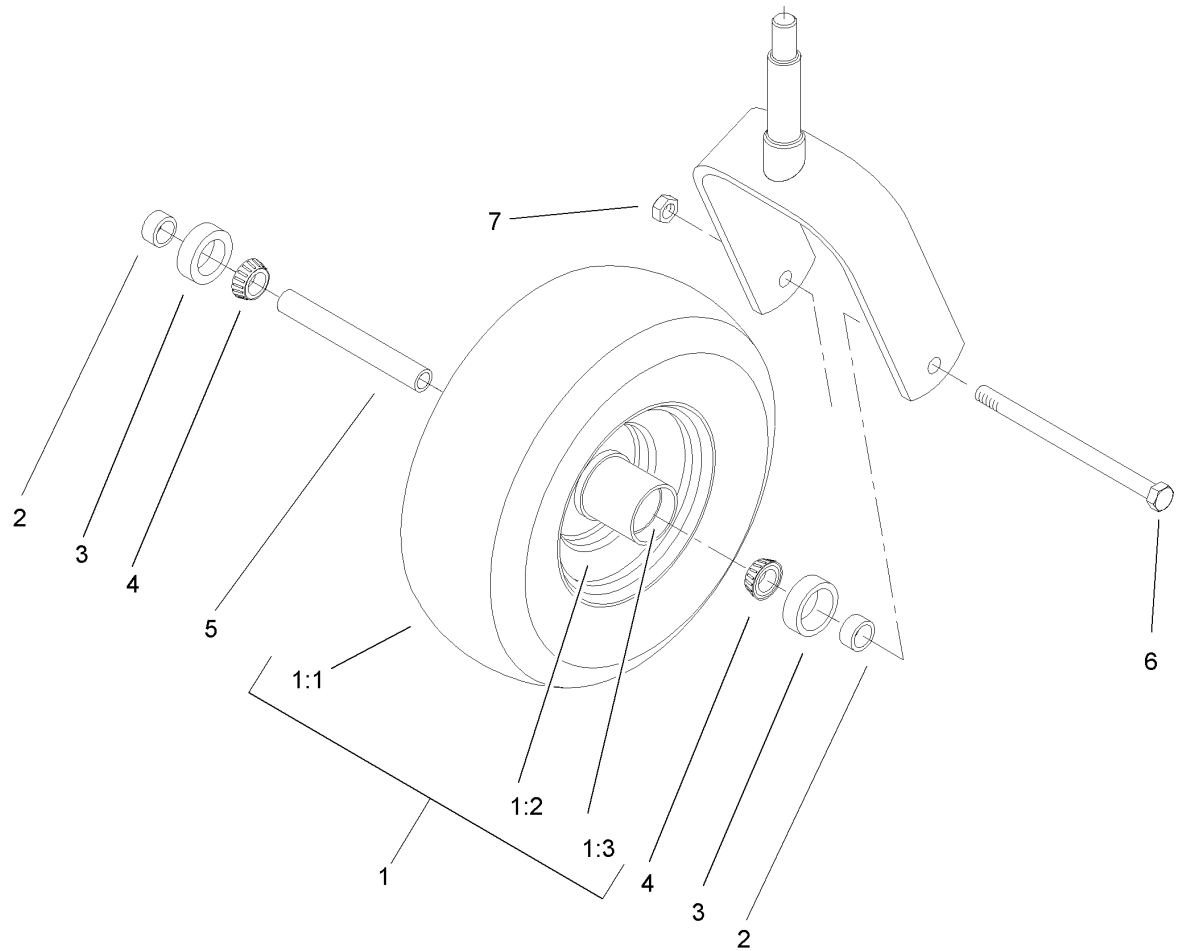
- | | |
|------------------------------|---------------------------|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Obtain Parts From Kawasaki | |



Front Frame Assembly

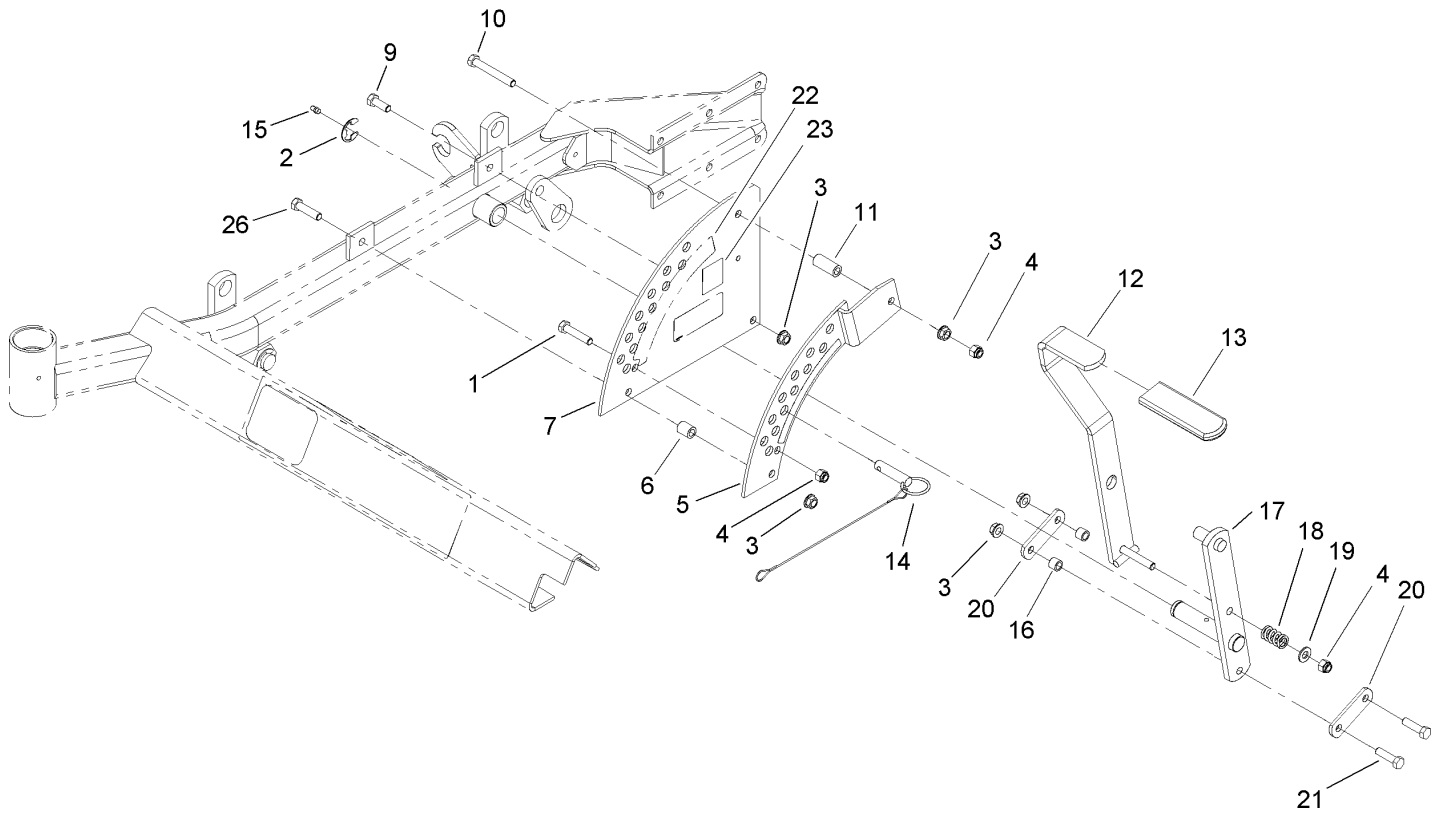
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
12	108-5007-03	1	Floor Pan
13	86-2180	2	Bushing-Flange
14	3296-39	2	Nut-Lock, NI
15	3256-24	2	Washer-Flat
16	323-8	2	Screw-HH
20	107-1681	1	Front Frame ASM
20:1		1	Front Frame ASM
20:1:2	99-3872-01	1	RH Lift Arm ASM
20:1:3	99-3871-01	1	LH Lift Arm ASM
20:1:4	32151-103	2	Ring-Snap
20:2	106-7451	1	Decal
20:3	107-1866	1	Decal-Danger, Slope
20:4	107-2132	1	Decal-Warning
21	32151-103	4	Ring-Snap
22	3256-29	6	Washer-Flat
23	3290-357	12	Nut-HHF
24	98-5975	12	Washer-Bellville

Ref	Part No.	Qty.	Description
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



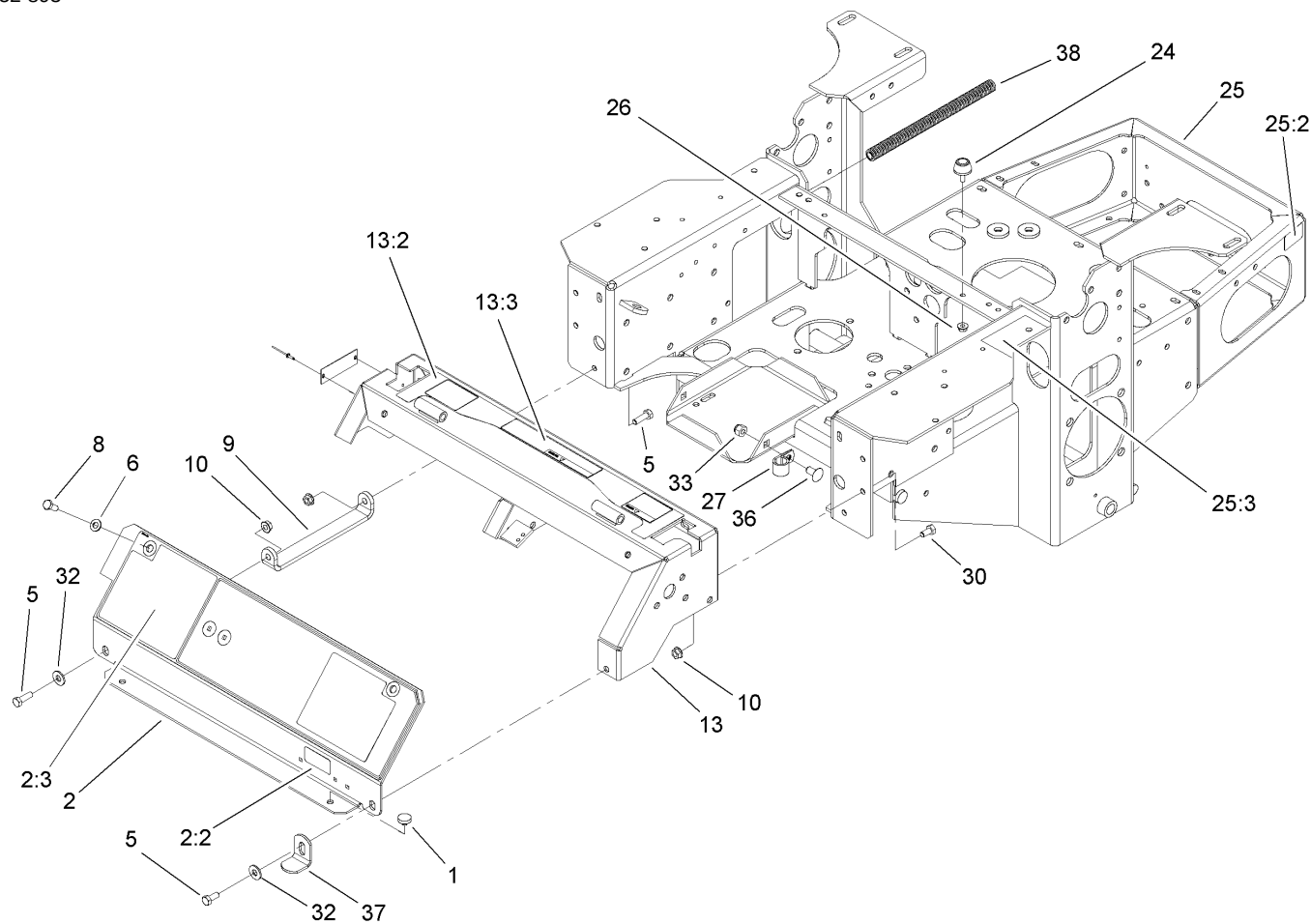
Caster Wheel Assembly No. 1-634662

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				



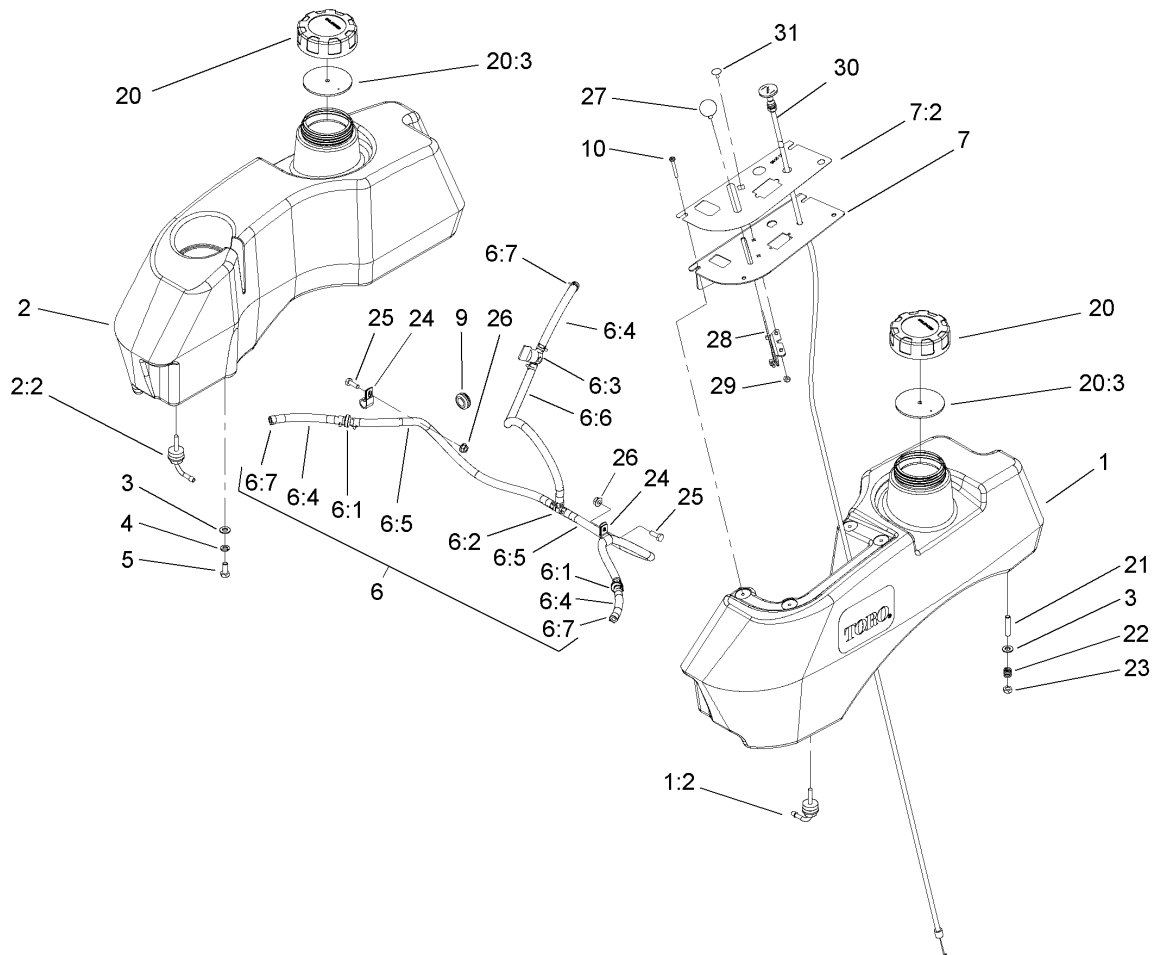
Height-of-Cut Assembly

Ref	Part No.	Qty.	Description				
1	323-9	1	Screw-HH				
2	32151-103	1	Ring-Snap				
3	3290-357	5	Nut-HHF				
4	3296-39	3	Nut-Lock, NI				
5	1-652235-01	1	Plate-Lift, Deck				
6	1-633080	1	Bushing-Lever, Lift				
7	1-653230-01	1	Plate-Lift, Deck				
9	323-6	1	Screw-HH				
10	323-13	1	Screw-HH				
11	1-633082	1	Bushing-Lever, Lift				
12	103-2078-03	1	Handle-Lift				
13	1-633295	1	Grip-Lever, Lift				
14	106-9951	1	Hitch Pin ASM				
15	302-19	1	Fitting-Grease				
16	103-1918	2	Bushing				
17	106-6598-03	1	Lift Arm ASM				
18	1-633325	1	Spring-Compression				
19	3256-24	1	Washer-Flat				
20	1-633068	2	Arm-Lift, Deck				
21	323-29	2	Screw-HH				
22	108-1053	1	Decal-Deck Height, Outer				
23	108-1052	1	Decal-Deck Height, Inner				
26	323-8	1	Screw-HH				



Main Frame Assembly

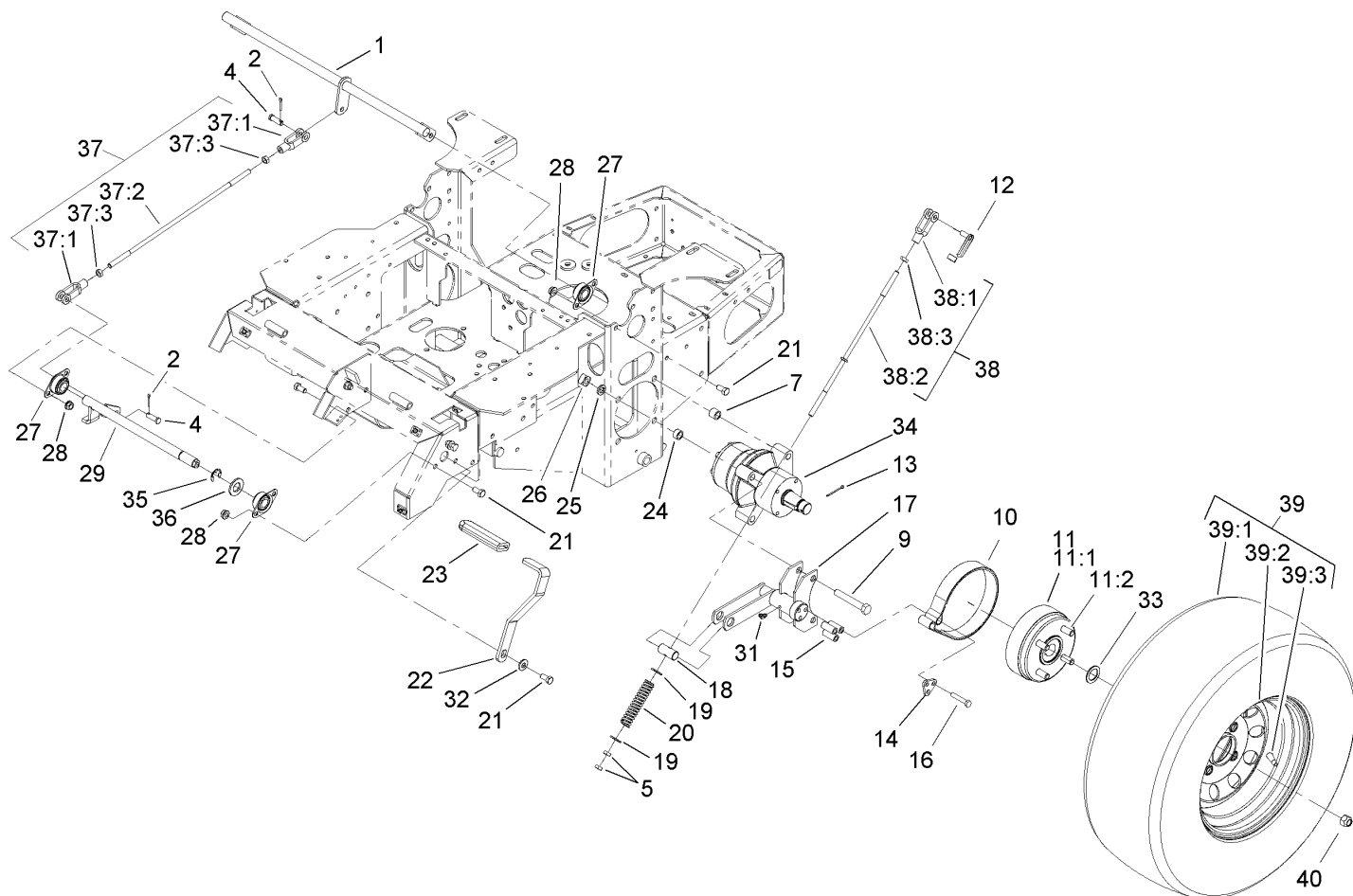
Ref	Part No.	Qty.	Description				
1	1-513658	2	Bumper				
2	108-1865	1	Panel ASM				
2:2	98-4387	1	Decal-Protection, Ear				
2:3	108-1054	1	Decal-Panel, Cover				
5	322-5	3	Screw-HH				
6	3256-23	2	Washer-Flat				
8	322-3	2	Screw-HH				
9	1-653089-03	1	Bracket				
10	32128-20	6	Nut-HF				
13	105-6124	1	Console				
13:2	99-8936	2	Decal-Control, Motion				
13:3	99-8944	1	Decal-Battery				
24	1-523420	2	Bumper				
25	108-2784	1	Main Frame ASM				
25:2	106-5517	2	Decal-Surface, Hot				
25:3	105-6183	1	Decal-Release, Drive				
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				
37	99-8947-03	1	Stop-Cover				
38	24-7922	2	Cover-Shaft, Drive				



Fuel System Assembly

Ref	Part No.	Qty.	Description
1	107-2146	1	LH Fuel Tank ASM
1:2	103-2605	1	Fitting-Fuel, Bulkhead
2	106-9975	1	RH Fuel Tank ASM
2:2	103-2605	1	Fitting-Fuel, Bulkhead
3	3256-23	8	Washer-Flat
4	1-805005	4	Washer-Lock
5	322-3	4	Screw-HH
6		1	Fuel Line ASM
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	108-2751	1	Control Panel ASM
7:2	108-1092	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

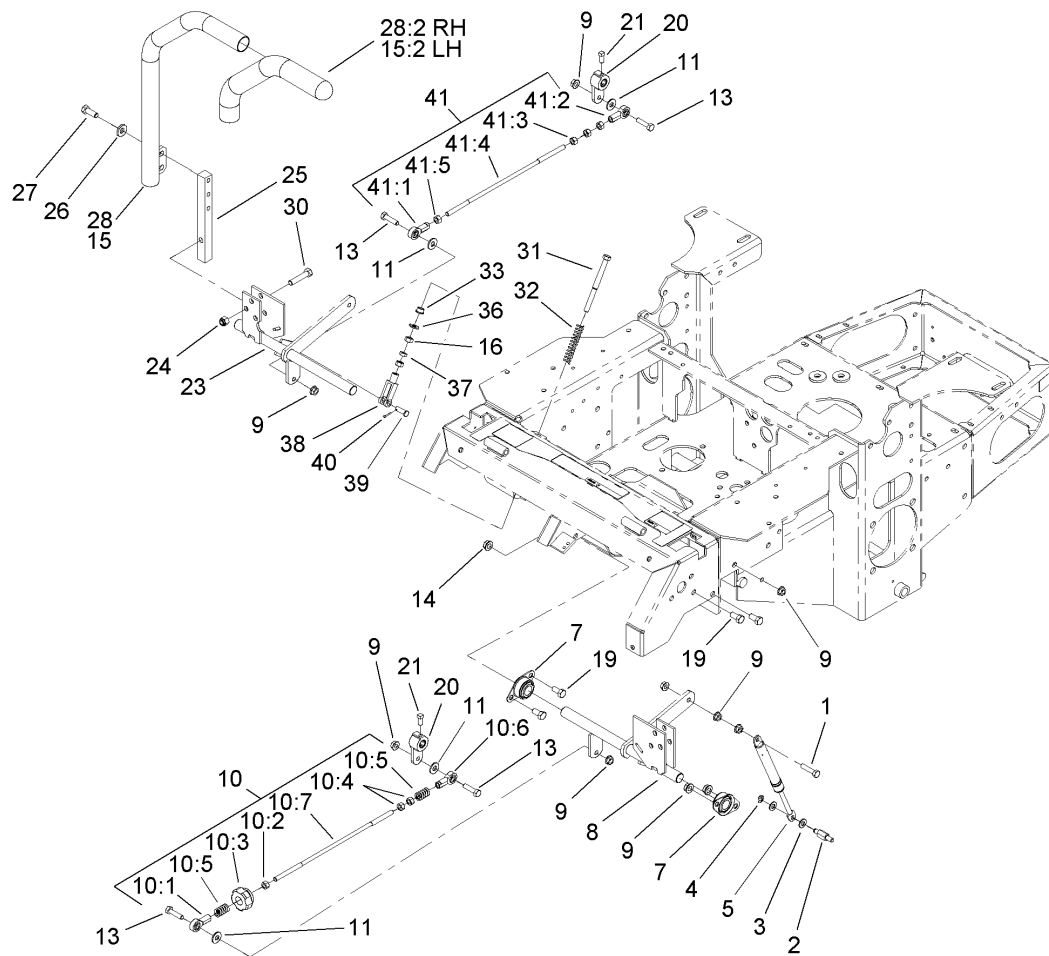
Ref	Part No.	Qty.	Description
24	1-513762	2	Clip-Loom
25	321-4	2	Screw-HH
26	32128-33	2	Nut-HF
27	1-513592	1	Knob-Ball
28	1-633696	1	Throttle Cable ASM
29	3296-2	2	Nut-Lock
30	1-603336	1	Control-Choke
31	1-807513	2	Bolt-CARR



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		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

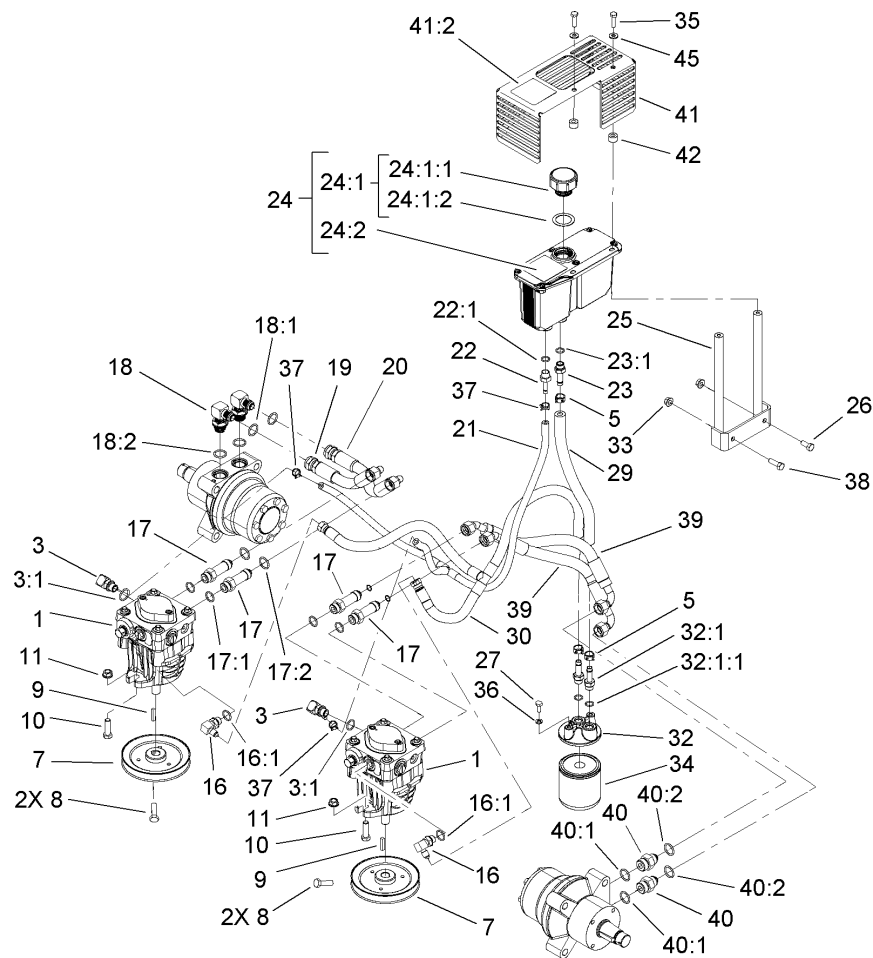
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	103-5333	2	Motor-Wheel
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat
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	106-9982	1	LH Lever ASM
15:2	106-9987	1	Grip-Control, Motion
16	3219-2	4	Nut-Hex
19	323-4	6	Screw-HH
20	103-3717	2	Arm-Control

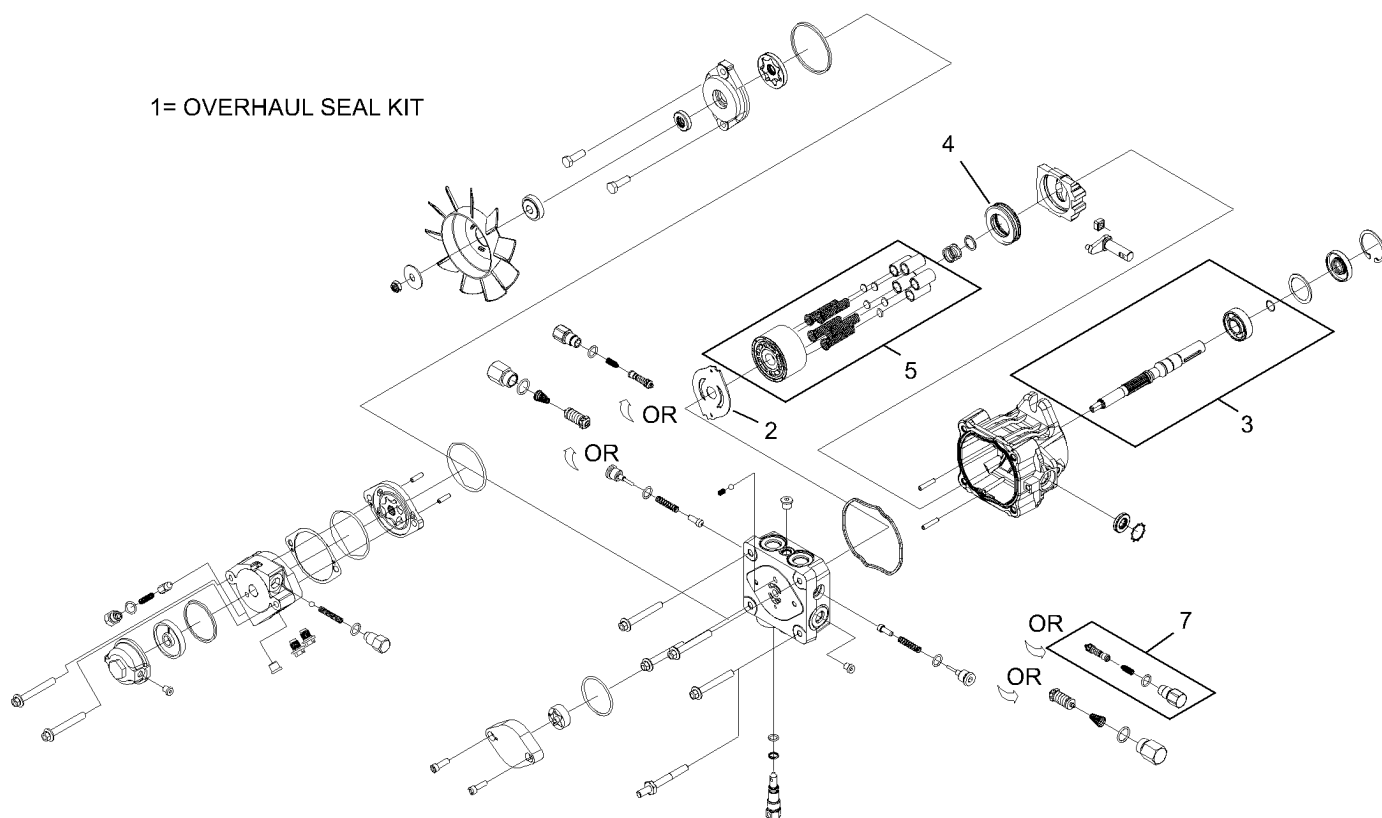
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	106-9983	1	RH Lever ASM
28:2	106-9987	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, 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

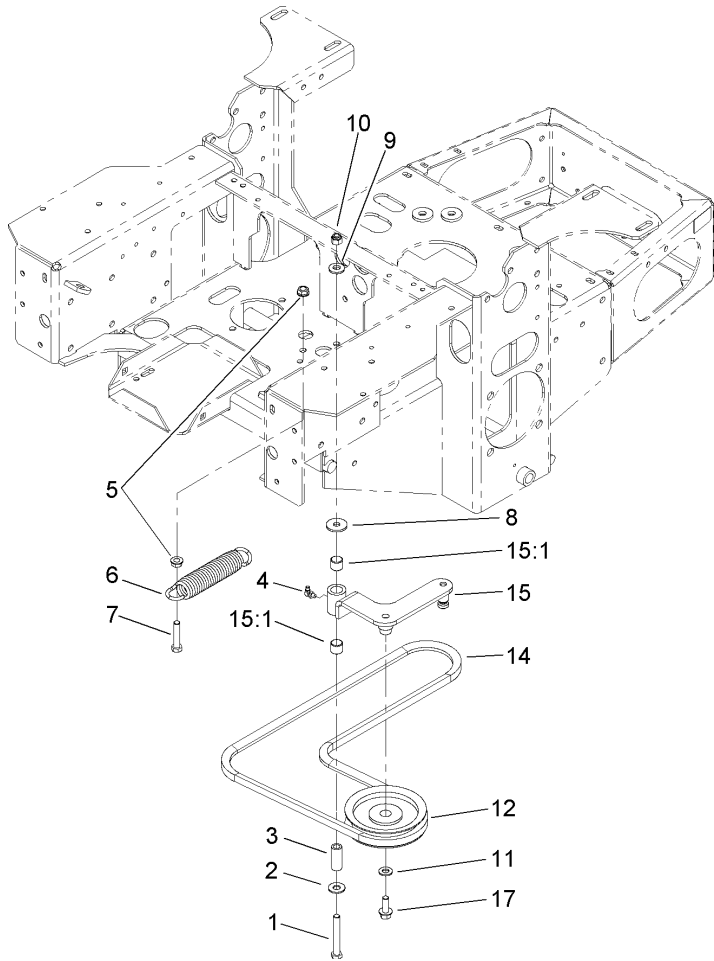
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF
16	103-1802	2	Fitting-Hyd, 90 DEG
16:1	1-603921	1	O-Ring
17	103-1940	4	Adapter-Hyd, 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	100-3964	1	Hose-Front
20	100-3965	1	Hose-Rear
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
23:1	237-42	1	O-Ring

Ref	Part No.	Qty.	Description
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	1-633752	1	Filter-Hyd, Winter
34	1-633750	1	Filter-HYD
35	321-8	2	Screw-HH
36	1-805004	2	Washer-Lock
37	103-1716	3	Clamp-Hose
38	322-5	1	Screw-HH
39	105-6187	2	Hose ASM
40	1-603991	2	Fitting-Straight
40:1	237-80	1	O-Ring
40:2	1-603992	1	O-Ring



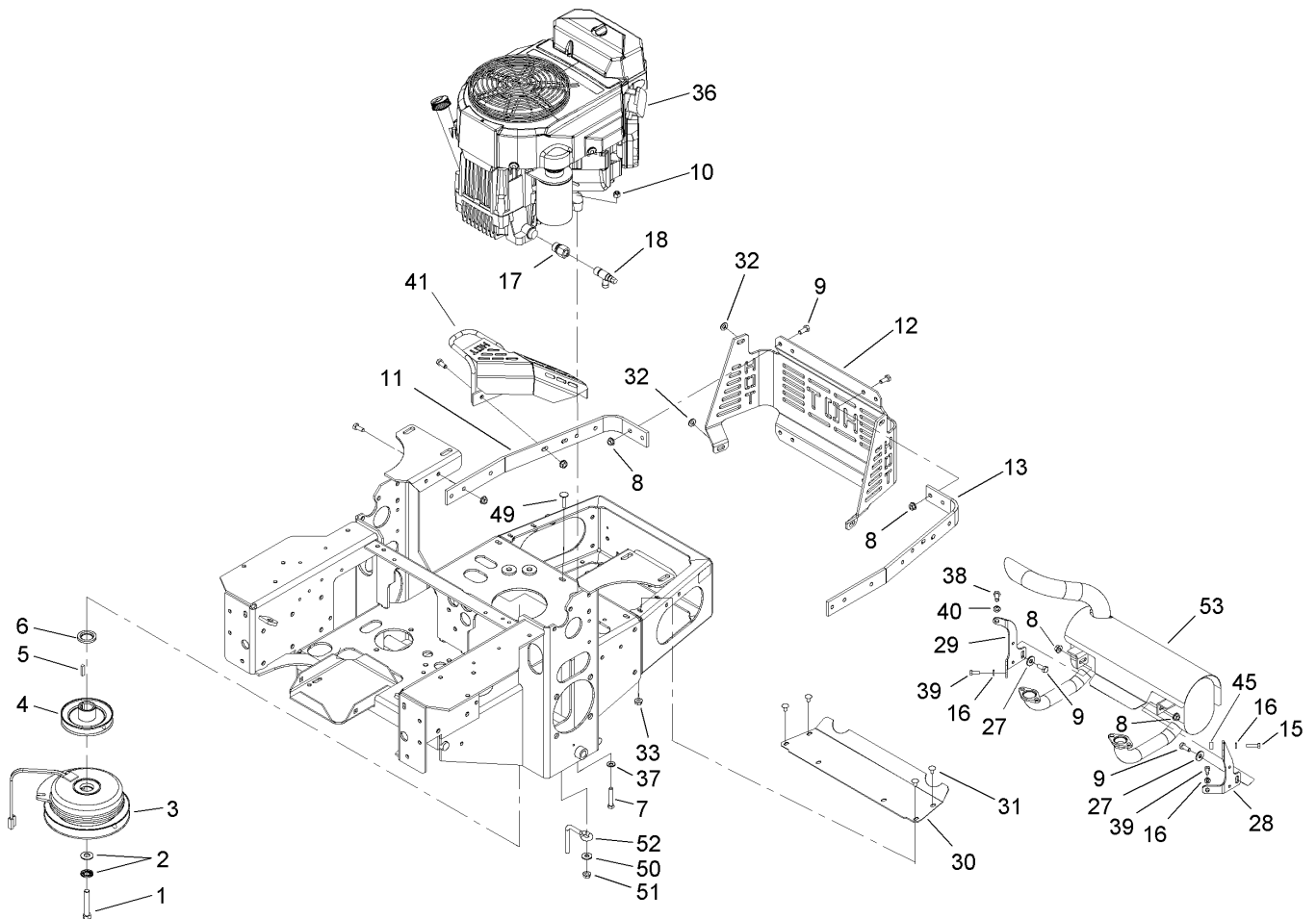
Hydraulic Pump Assembly No. 103-1942

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

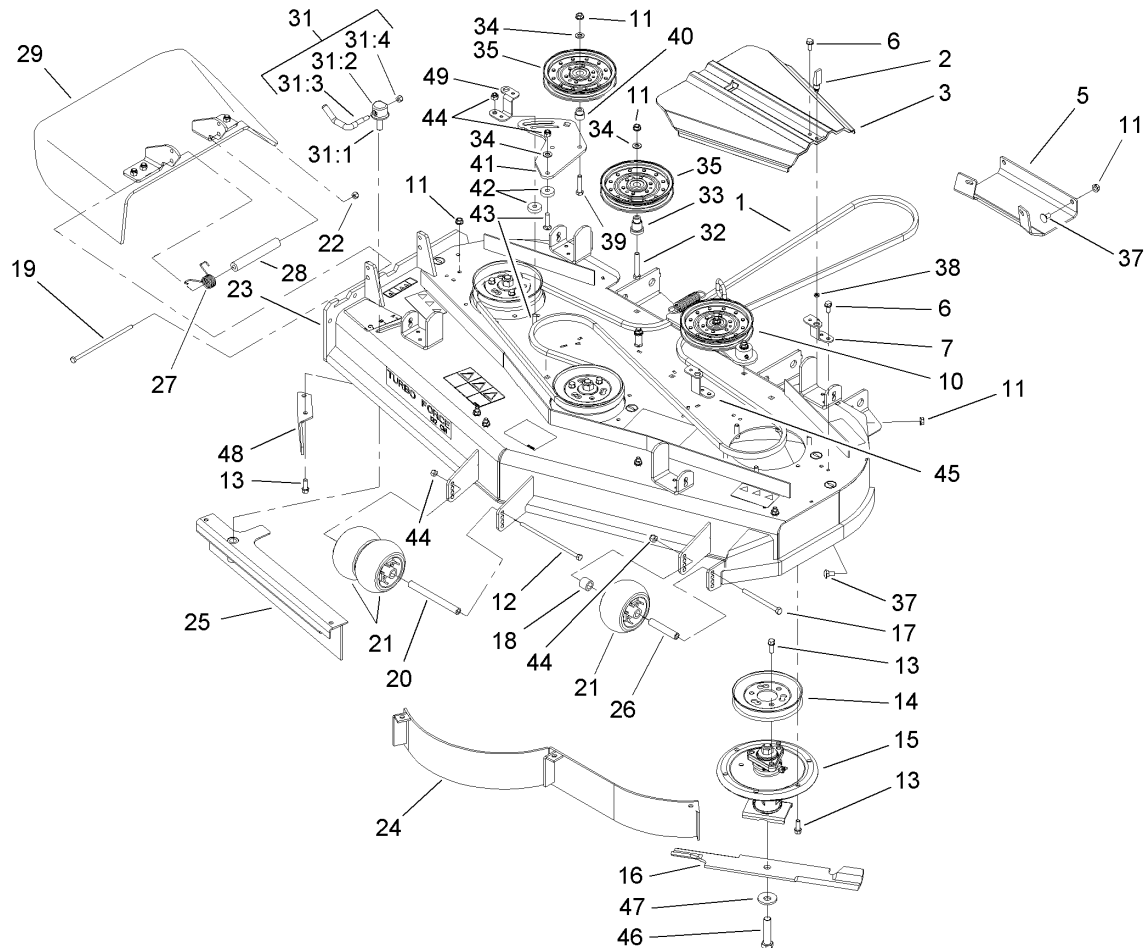
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock, 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	29	Nut-HF
9	322-3	23	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
12	103-3219-03	1	Guard-Rear
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	103-2993-03	1	Bracket-Muffler, LH
29	103-2994-03	1	Bracket-Muffler, RH
30	103-2740-03	1	Deflector-Short
31	3229-10	4	Screw-CARR
32	3256-23	4	Washer-Flat
33	32128-33	4	Nut-HF

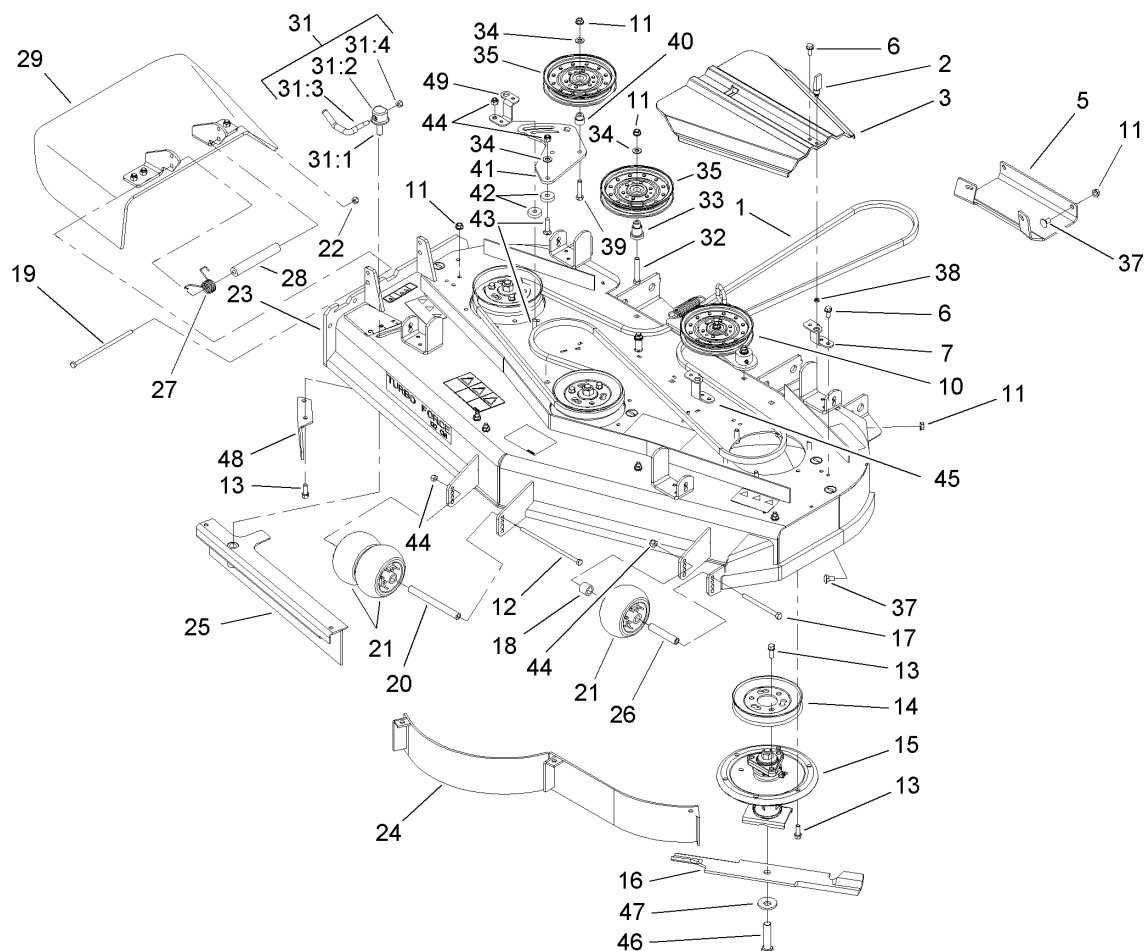
Ref	Part No.	Qty.	Description
36		1	Engine-Kawasaki, Fh680v-As21
37	1-303334	4	Washer-Spring
38	33114-020	1	Screw-HH
39	33113-016	2	Screw-HH
40	1-805005	1	Washer-Lock
41	103-3218-03	1	Guard-Tailpipe
45	103-3096	1	Spacer
49	3230-3	1	Screw-CARR
50	3256-3	1	Washer-Flat
51	32128-20	1	Nut-HF
52	108-1058	1	Rod-Belt
53	103-3427	1	Muffler Kit



Deck Assembly No. 107-1671

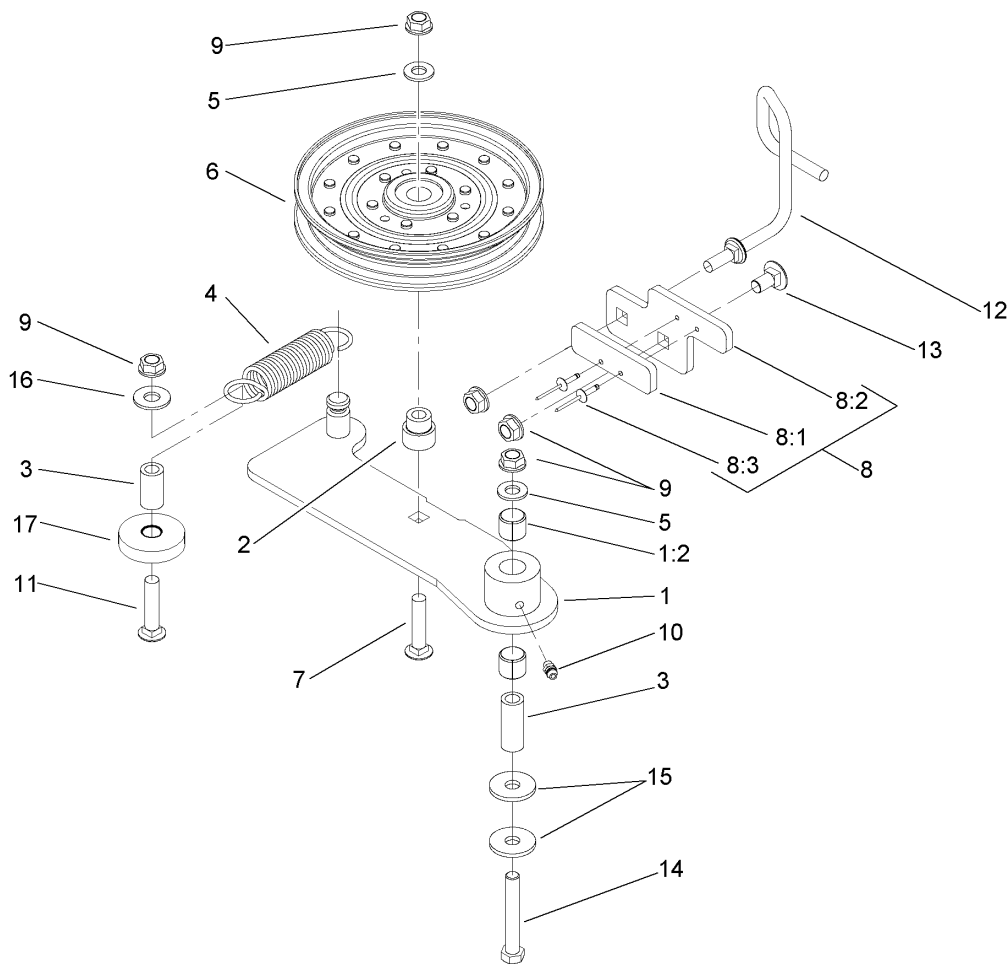
Ref	Part No.	Qty.	Description
1	106-7369	1	Belt-V
2	74-5950	2	Latch-Swell
3	107-8536	2	Cover-Belt
5	106-7358-01	1	Plate-Skid
6	32144-70	6	Screw-HH
7	108-2177-01	3	Bracket-Cover, Tall
10		1	Idler ASM
11	3290-357	36	Nut-HHF
12	323-28	1	Screw-HH
13	92-1624	33	Screw
14	107-1683	3	Pulley
15	107-8504	3	Spindle ASM
16	105-7781-03	3	Blade-Hi Flow, 18in
17	323-23	1	Screw-HH
18	98-7913	1	Tube-Spacer
19	322-50	1	Screw-HH
20	98-5967	1	Spacer-Wheel
21	1-603299	3	Roller-Anti Scalp
22	3296-29	1	Nut-Lock, NI
23	107-1668	1	Deck Asm, With Decals
24	105-7754-01	1	Baffle ASM
25	105-7755-01	1	Baffle ASM
26	98-7912	1	Tube-Spanner
27	104-8554	1	Spring-Torsion

Ref	Part No.	Qty.	Description
28	105-4622	1	Spacer
29	108-4060	1	Rubber Deflector ASM
31	107-1664	1	Lever ASM
31:1	106-3239	1	Screw-Lock
31:2	107-1644	1	Cap-Lock
31:3	106-3241	1	Lever-Lock
31:4	3296-29	1	Nut-Lock, NI
32	323-12	1	Screw-HH
33	106-3214	1	Mount-Pulley
34	3256-24	3	Washer-Flat
35	1-633109	2	Idler-Flat
37	3231-1	10	Screw-CARR
38	99-3058	2	Washer
39	323-9	1	Screw-HH
40	1-603496	1	Bushing-Idler
41	107-8516-01	1	Plate-Idler
42	105-7788	2	Spacer
43	3231-4	2	Screw-CARR
44	3296-39	4	Nut-Lock, NI
45	105-7789-01	1	Bracket-Cover, Belt
46	103-0862	3	Screw-Cap
47	103-0865	3	Washer-Blade Bolt, Heavy
48	106-3216-01	1	Baffle-Discharge
49	108-2178-01	1	Bracket-Cover, Short



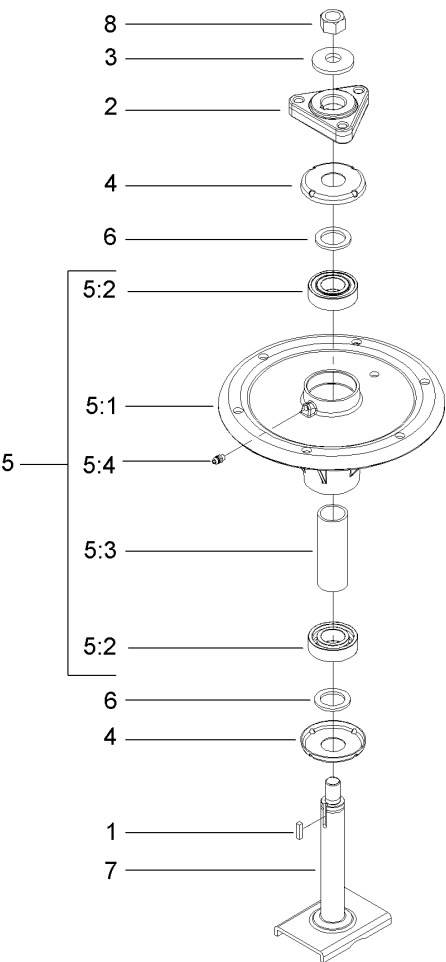
Deck Assembly No. 107-1671 (continued)

Ref	Part No.	Qty.	Description
099	105-7795-03	3	Blade-Low Flow
099	105-7794-03	3	Blade-Med Flow
099	105-7779-03	3	Blade-Recycler
099	105-7796-03	3	Blade-Atomic



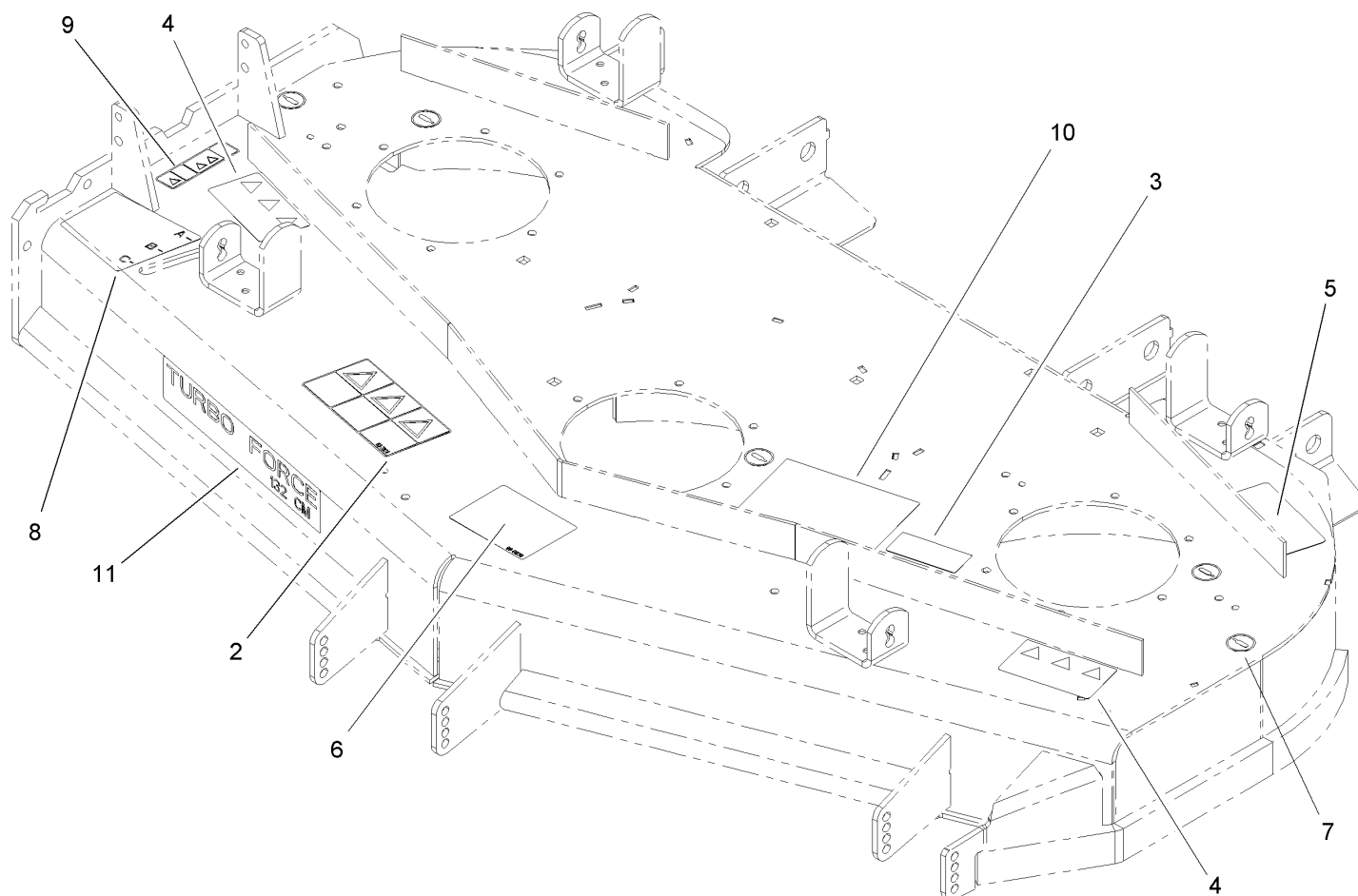
Idler Assembly

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	1-603402	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-Bumber				
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	108-2239	1	Stop-Plastic				



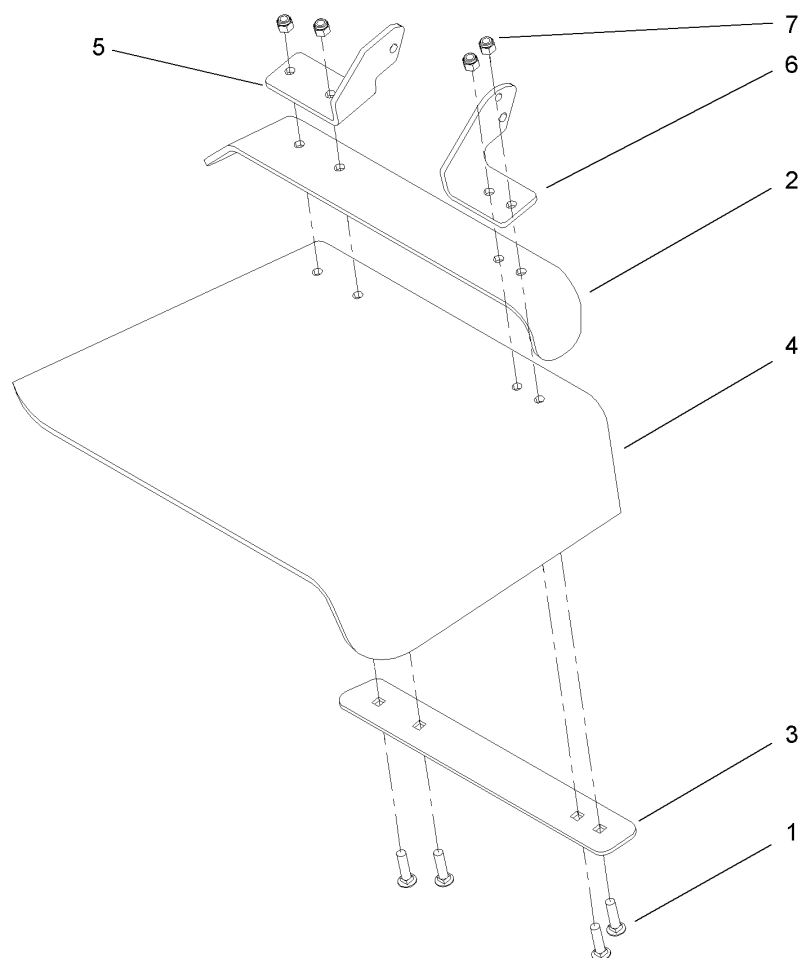
Spindle Assembly No. 107-8504

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				



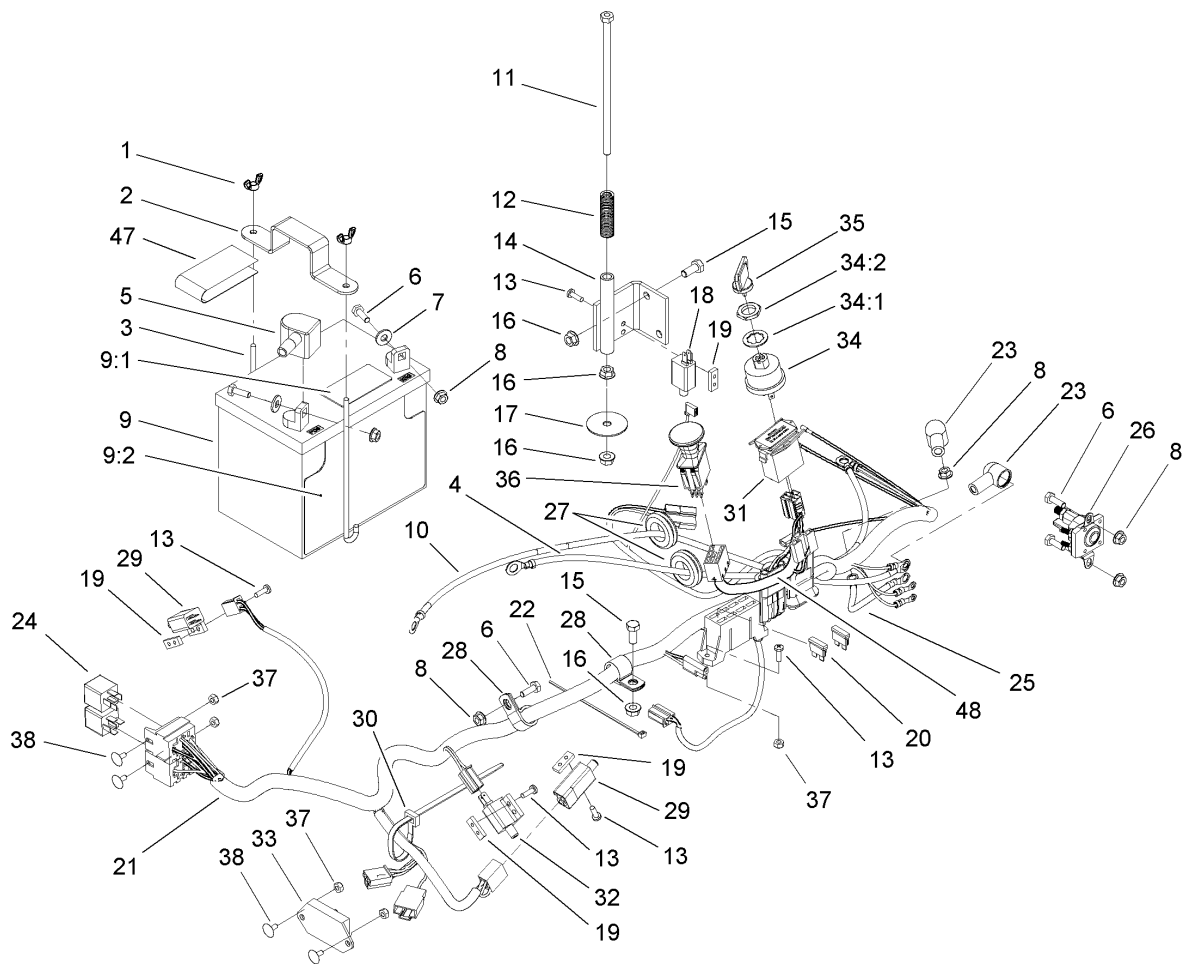
Deck Decal Assembly No. 107-1668

Ref	Part No.	Qty.	Description
2	93-7824	1	Decal-Danger
3	98-1977	1	Decal-Warning
4	93-7010	2	Decal-Danger
5	93-7818	1	Decal-Torque, Blade Bolt
6	99-8939	1	Decal-Anti Scalp
7	58-6520	5	Decal-Grease
8	107-3993	1	Decal-Adjustment, Baffle
9	93-7828	1	Decal-Warning, Deflector
10	107-1686	1	Decal-Service Aid
11	107-1692	1	Decal



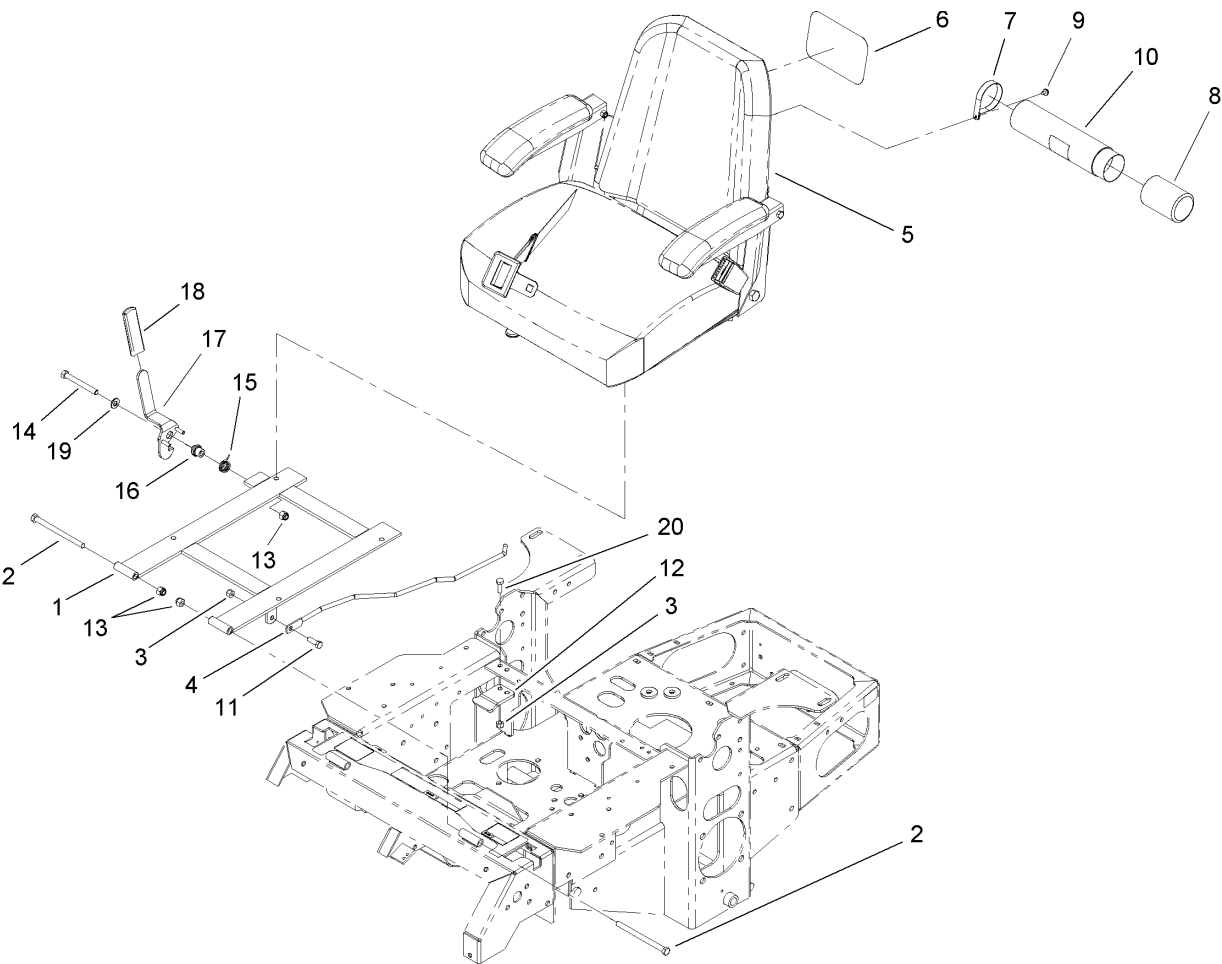
Rubber Deflector Assembly No. 108-4060

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	107-1617	1	Deflector-Rubber				
5	108-4059-01	1	Plate-Hinge, Rear				
6	108-4058-01	1	Plate-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



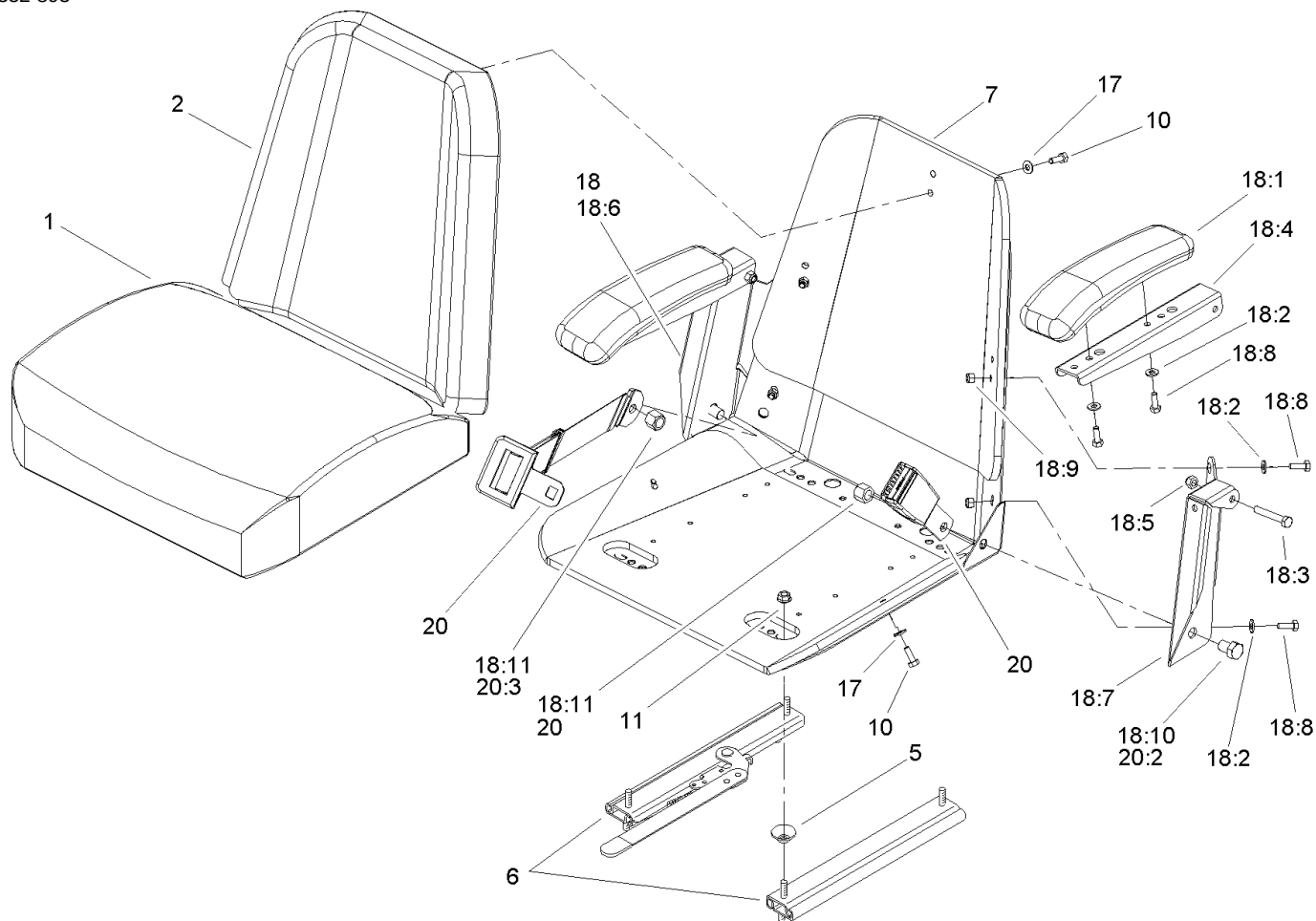
Electrical System Assembly

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				



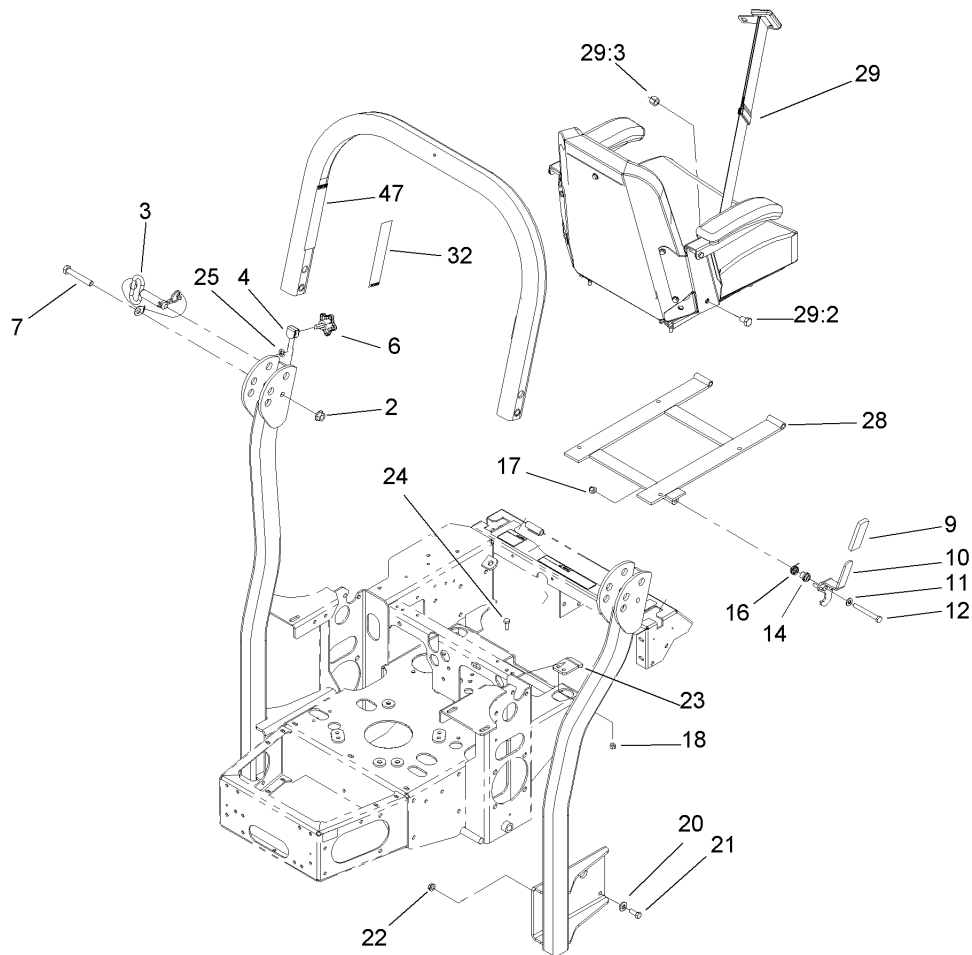
Seat and Bracket Assembly

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				



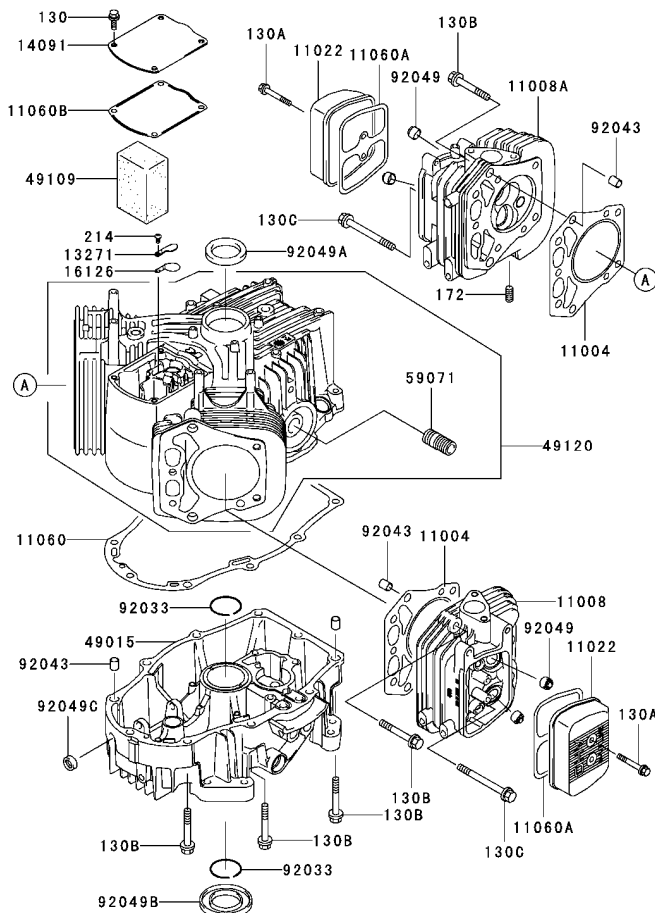
Seat Assembly No. 107-1867

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				



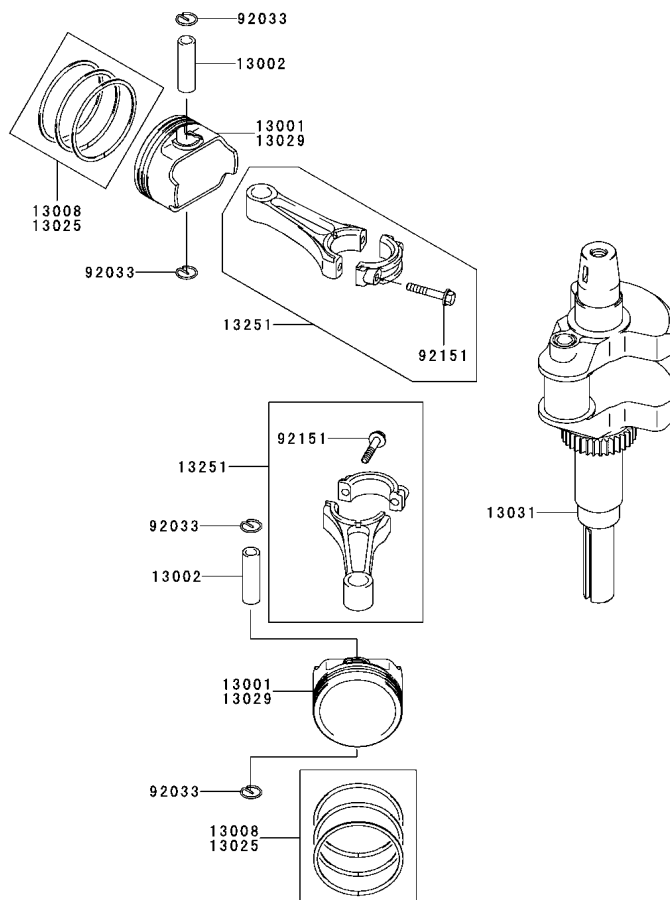
Roll-Over-Protection-System Assembly No. 107-8093

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				



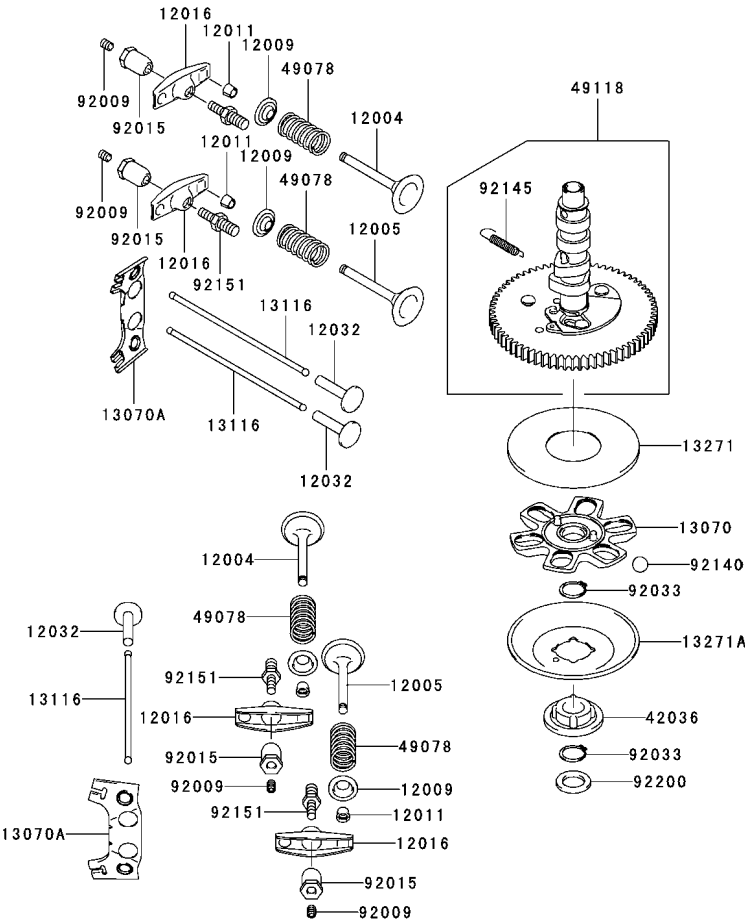
Cylinder/Crankcase Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
⑤11004	11004-7006	2	Gasket-Head	⑤172	172G0818	4	Bolt-Stud
⑤11008	11008-7012	1	Head-Comp-Cylinder No. 2	⑤214	214B0408	1	Screw-Pan
⑤11008A	11008-7013	1	Head-Comp-Cylinder No. 1				
⑤11022	11022-7002	2	Case-Rocker				
⑤11060	11060-7012	1	Gasket, Crankcase Cover				
⑤11060A	11060-7013	2	Gasket, Rocker Case				
⑤11060B	11060-7014	1	Gasket, Breather				
⑤13271	13271-7006	1	Plate				
⑤14091	14091-7004	1	Cover				
⑤16126	16126-7001	1	Valve				
⑤49015	49015-6225	1	Cover-Crankcase				
⑤49109	49109-7003	1	Element-Breather				
⑤49120	49120-7019	1	Crankcase-Comp				
⑤59071	59071-2079	1	Joint				
⑤92033	92033-7004	2	Ring-Snap				
⑤92043	92043-7001	6	Pin				
⑤92049	92049-7001	4	Seal-Oil, Rvc2 (6x11x10.2)				
⑤92049A	92049-7002	1	Seal-Oil				
⑤92049B	92049-7004	1	Seal-Oil				
⑤92049C	92049-7005	1	Seal-Oil,so 8x14x5 HS				
⑤130	130B0612	4	Bolt-Flanged				
⑤130A	130B0640	4	Bolt-Flanged				
⑤130B	130T0850	18	Bolt-Flanged				
⑤130C	130T0875	2	Bolt-Flanged				



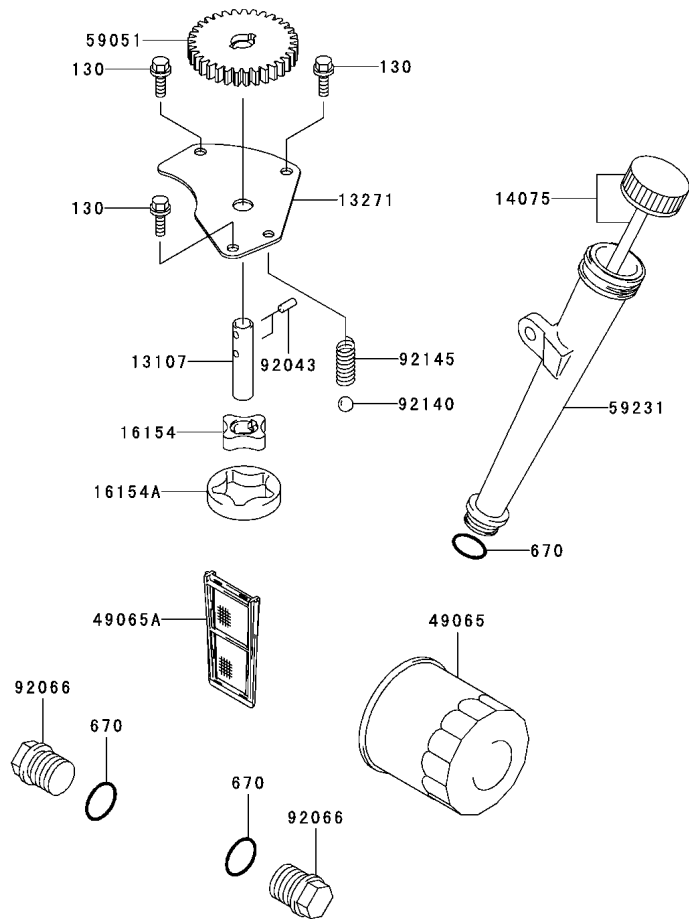
Piston/Crankshaft Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
⑨13001	13001-7007	2	Piston-Engine				
⑨13002	13002-7001	2	Pin-Piston				
⑨13008	13008-6058	2	Ring-Set-Piston				
⑨13025	13025-7002	0	Ring-Set, Pistonl,0.50				
⑨13029	13029-7003	0	Piston-Engine L,0.50				
⑨13031	13031-7023	1	Crankshaft-Comp				
⑨13251	13251-7005	2	Connecting Rod ASM				
⑨92033	92033-7005	4	Ring-Snap				
⑨92151	92151-7017	4	Bolt (6x35)				



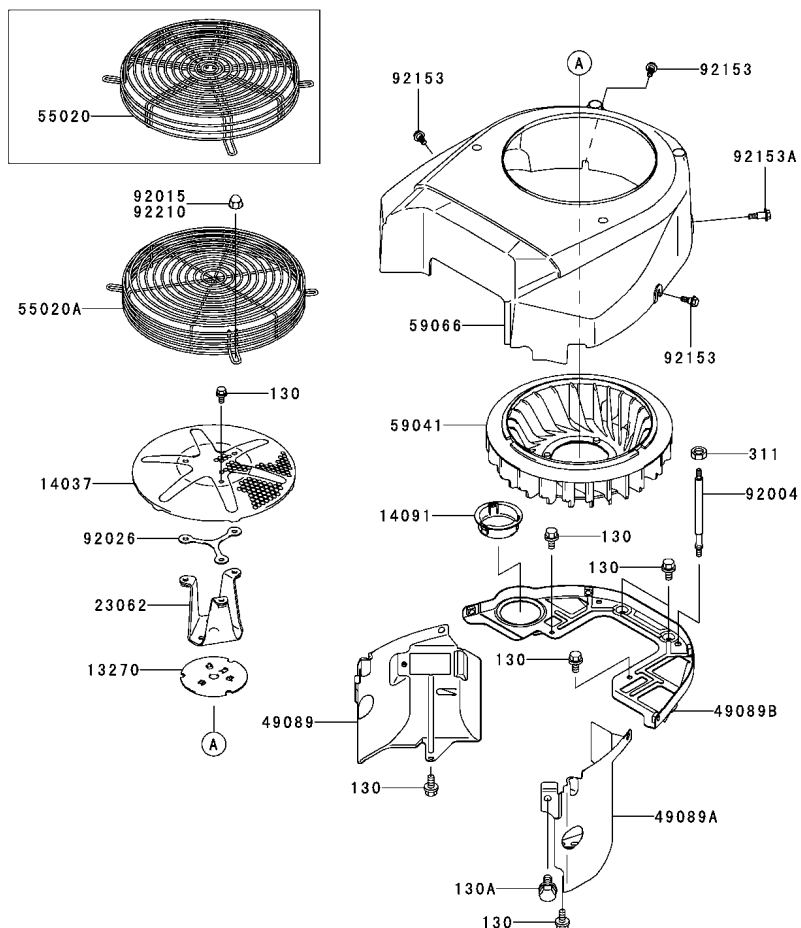
Valve/Camshaft Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
①12004	12004-7002	2	Valve-Intake				
①12005	12005-7002	2	Valve-Exhaust				
①12009	12009-7001	4	Retainer-Spring, Valve				
①12011	12011-2056	8	Collet				
①12016	12016-7006	4	Arm-Rocker				
①12032	12032-7001	4	Tappet				
①13070	13070-7004	1	Guide				
①13070A	13070-7007	2	Guide				
①13116	13116-7002	4	Rod-Push				
①13271	13270-7007	1	Plate				
①13271A	13271-7021	1	Plate-Governor				
①42036	42036-7001	1	Sleeve				
①49078	49078-7002	4	Spring-Engine Valve				
①49118	49118-7007	1	Camshaft-Comp				
①92009	92009-2341	4	Screw				
①92015	92015-2253	4	Nut				
①92033	92033-7001	2	Ring-Snap				
①92140	92140-7002	6	Ball				
①92145	92145-7001	1	Spring				
①92151	92151-7019	4	Bolt				
①92200	92200-7001	1	Washer				



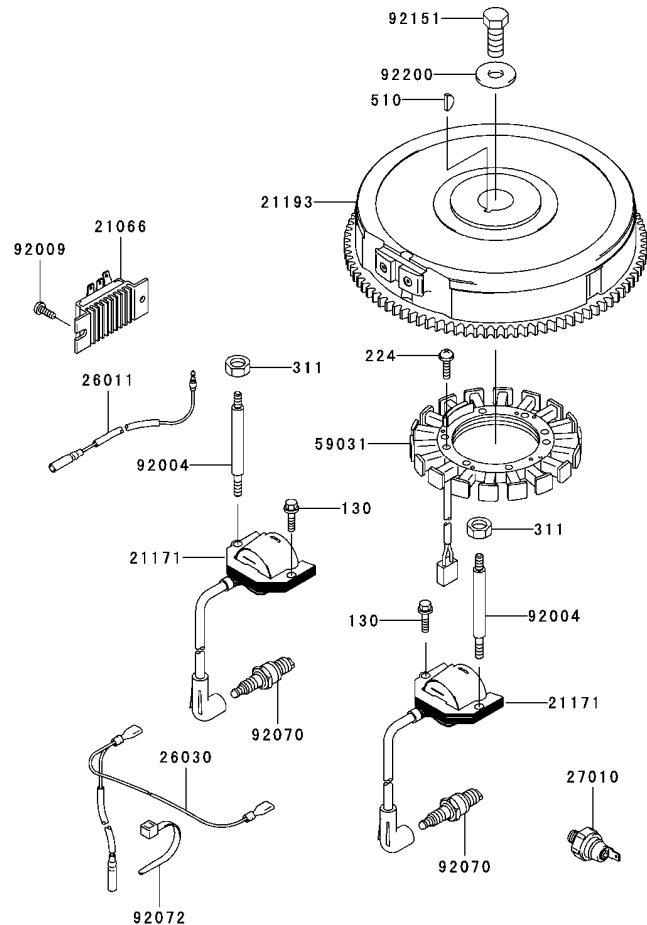
Lubrication Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
⑤13107	13107-7009	1	Shaft				
⑤13271	13271-7005	1	Plate				
⑤14075	14075-7008	1	Cap-Assy				
⑤16154	16154-2053	1	Rotor-Pump (In)				
⑤16154A	16154-2054	1	Rotor-Pump (Out)				
⑤49065	49065-2078	1	Filter-Oil				
⑤49065A	49065-7003	1	Filter-Oil				
⑤59051	59051-7011	1	Gear-Spur				
⑤59231	59231-7002	1	Filler				
⑤92043	92043-7006	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)				



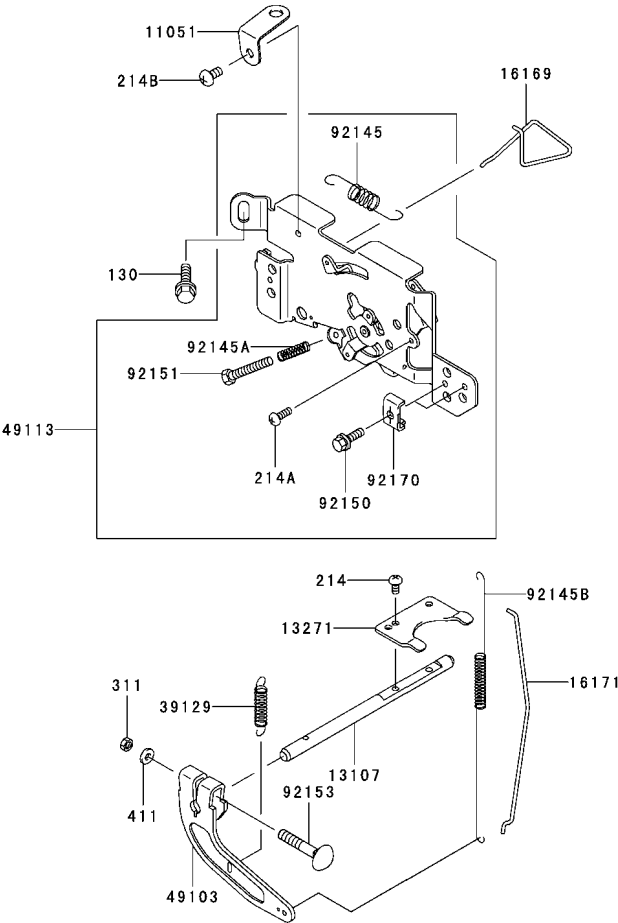
Cooling Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
③13270	13270-7007	1	Plate				
③14037	14037-7008-9H	1	Screen				
③14091	14091-7002	1	Cover				
③23062	23062-7005	1	Bracket-Comp				
③49089	49089-7004	1	Shroud-Engine				
③49089A	49089-7005	1	Shroud-Engine				
③49089B	49089-7030	1	Shroud-Engine				
③55020	55020-7002	1	Guard				
③55020A	55020-7007	1	Guard				
③59041	59041-7003	1	Fan				
③59066	59066-7004	1	Housing-Fan				
③92004	92004-7006	2	Stud				
③92015	92015-1170	4	Nut				
③92026	92026-7007	0	Spacer				
③92153	92153-7007	3	Bolt				
③92153A	92153-7008	1	Bolt				
③92210	92210-0003	4	Nut				
③130	130B0612	9	Bolt-Flanged				
③130A	130B0816	1	Bolt-Flanged				
③311	311B0600	2	Nut-Hex				



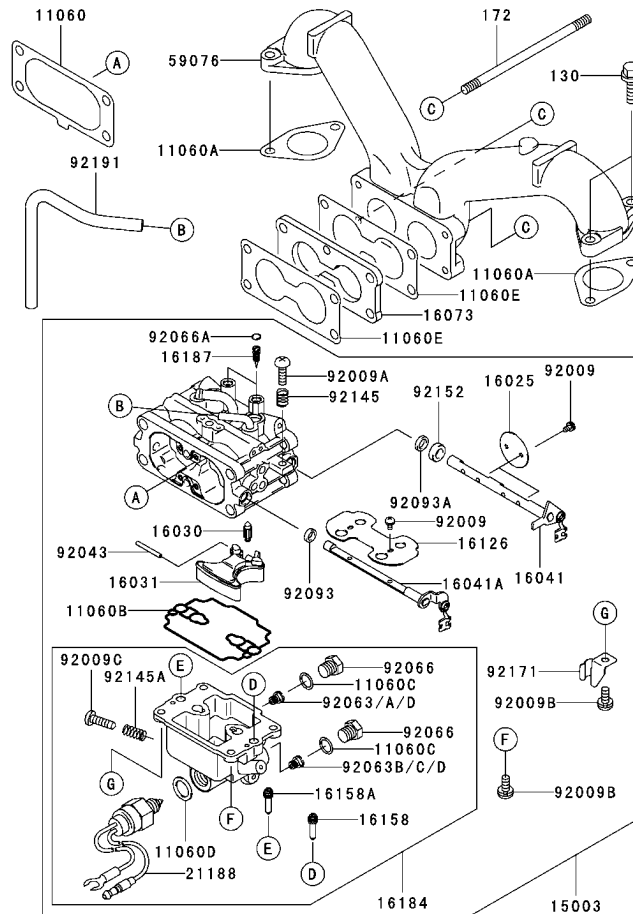
Electric Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
❶21066	21066-7006	1	Regulator-Voltage				
❷21171	21171-7007	2	Coil-ASM-Ignition				
❸21193	21193-7019	1	Flywheel-Assy				
❹26011	26011-7008	1	Wire-Lead				
❺26030	26030-7002	1	Harness				
❻27010	27010-7001	1	Switch				
❼59031	59031-7001	1	Coil-Charging				
❽92004	92004-7009	2	Stud				
❾92009	92009-2308	1	Screw				
❿92070	92070-7004	2	Plug-spark,bpr4es(Ngk), Solid				
⓫92072	92072-7003	2	Band				
⓬92151	92151-2097	1	Bolt (12x30)				
⓭92200	92200-7002	1	Washer				
⓮130	130B0620	2	Bolt-Flanged				
⓯224	224B0520	4	Screw-Pan				
⓰311	311B0600	2	Nut-Hex				
⓱510	510A5100	1	Key-Woodruff				



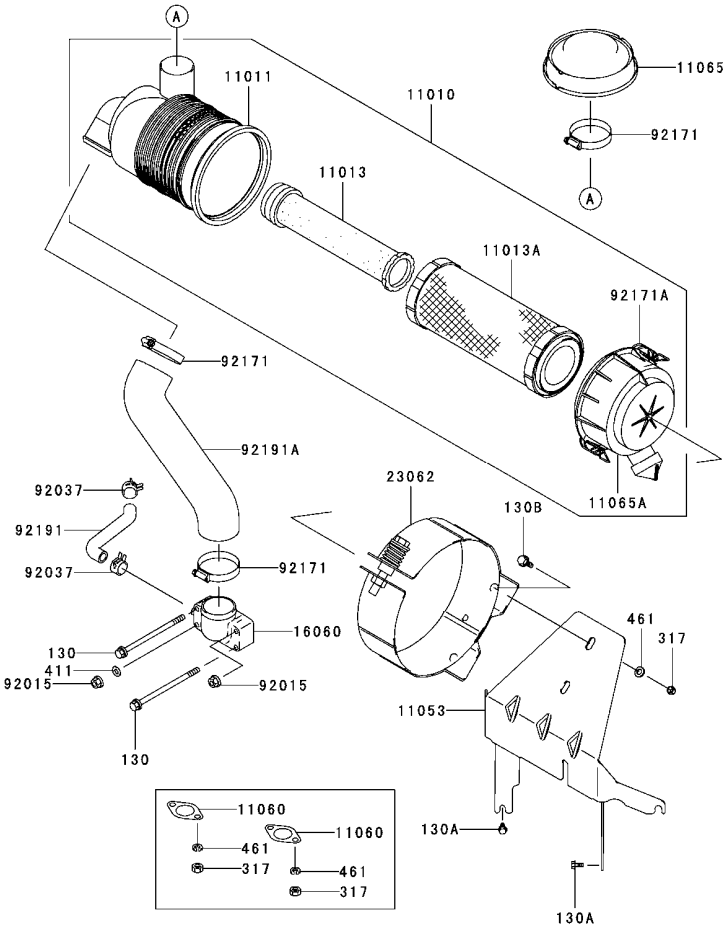
Control Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
11051	11051-7008	1	Bracket				
13107	13107-7013	1	Shaft				
13271	13271-7018	1	Plate				
16169	16169-7006	1	Link-Choke				
16171	16171-7004	1	Link				
39129	39129-7004	1	Spring-Governor				
49103	49103-7004	1	Arm-Governor				
49113	49113-7017	1	Panel-Comp-Control				
92145	92145-7004	1	Spring				
92145A	92145-7005	1	Spring				
92145B	92145-7009	1	Spring				
92150	92150-2182	2	Bolt (5x18)				
92151	92151-7014	1	Bolt, 5x30				
92153	92153-7005	1	Bolt,6x35				
92170	92170-7001	2	Clamp				
130	130B0612	2	Bolt-Flanged				
214	214B0408	2	Screw-Pan				
214A	214B0412	1	Screw-Pan				
214B	214B0510	1	Screw-Pan				
311	311B0600	1	Nut-Hex				
411	411b0600	1	Washer-Plain				



Carburetor Assembly Kawasaki FH680V-AS21

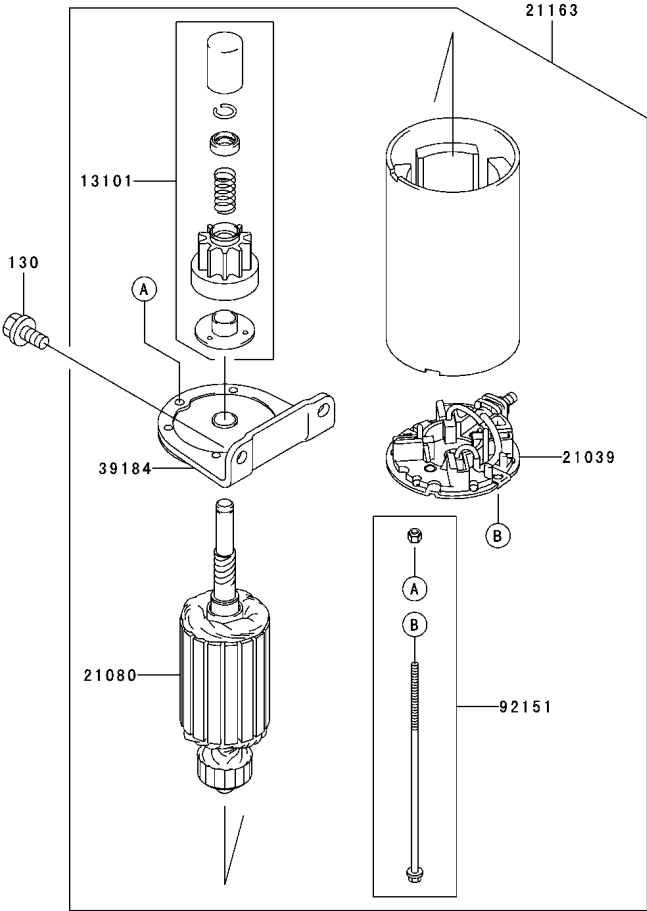
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
⑤11060	11060-7009	1	Gasket, Air Filter	⑤92043	92043-7004	1	Pin-Float
⑤11060A	11060-7011	2	Gasket	⑤92063	92063-7017	1	Jet-Main, No.133
⑤11060B	11060-7018	1	Gasket, Float Chamber	⑤92063A	92063-7018	1	Jet-Main, No.130
⑤11060C	11060-7019	2	Gasket, Main Plug	⑤92063B	92063-7019	1	Jet-Main, No.139
⑤11060D	11060-7020	1	Gasket, Solenoid	⑤92063C	92063-7020	1	Jet-Main, No.134
⑤11060E	11060-7024	2	Gasket-Carburetor	⑤92063D	92063-7038	2	Jet-Main, No.114
⑤15003	15003-7073	1	Carburetor-Assy	⑤92066	92066-7008	2	Plug, Main Jet
⑤16025	16025-7003	2	Valve-Throttle	⑤92066A	92066-7009	2	Plug, Extension
⑤16030	16030-7002	1	Valve-Float	⑤92093	92093-7001	1	Seal
⑤16031	16031-7001	1	Float	⑤92093A	92093-7002	1	Seal
⑤16041	16041-7004	1	Shaft-Carburetor Throttle	⑤92145	92145-7010	1	Spring
⑤16041A	16041-7007	1	Shaft-Carburetor, Choke	⑤92145A	92145-7011	1	Spring
⑤16073	16073-7005	1	Insulator	⑤92152	92152-7001	1	Collar
⑤16126	16126-7004	1	Valve, Choke	⑤92171	92171-7001	1	Clamp
⑤16158	16158-7007	1	Jet-Slow, No.56	⑤92191	92191-7023	1	Tube
⑤16158A	16158-7008	1	Jet-Slow, No.42	⑤130	130B0620	4	Bolt-Flanged
⑤16184	16184-7010	1	Chamber-Assy-Float	⑤172	172G06105	2	Bolt-Stud
⑤16187	16187-7002	2	Needle-Jet				
⑤21188	21188-7001	1	Solenoid				
⑤59076	59076-7002	1	Manifold-Intake				
⑤92009	92009-7003	6	Screw				
⑤92009A	92009-7004	1	Screw				
⑤92009B	92009-7005	4	Screw				
⑤92009C	92009-7006	1	Screw, Drain				



Air Filter and Muffler Assembly

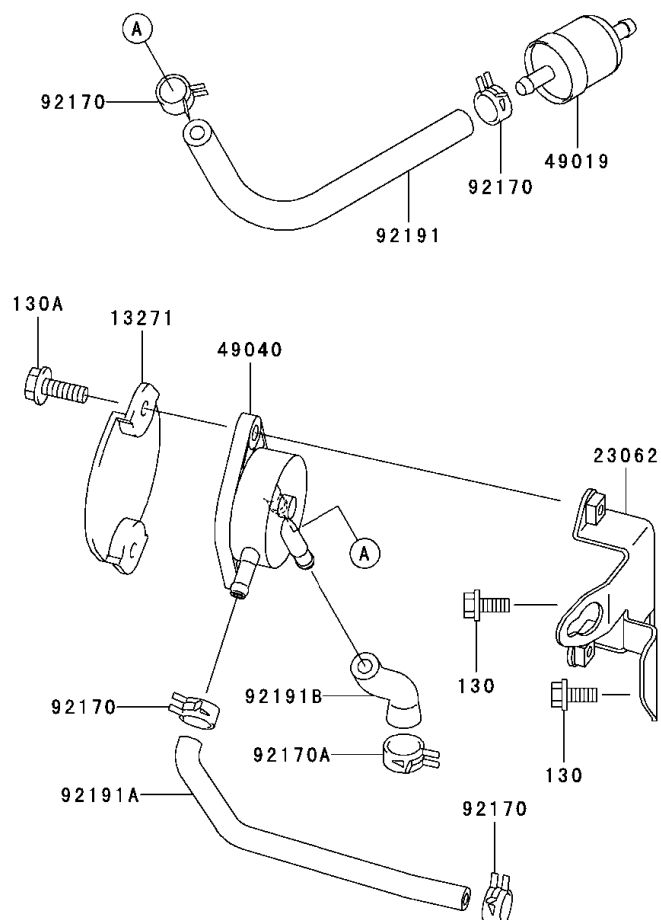
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Ref	Part No.	Qty.	Description				
11010	11010-7004	1	Filter-Assy-Air				
11011	11011-7014	1	Case-Air Filter				
11013	11013-7019	1	Element-Air Filter				
11013A	11013-7020	1	Element-Air Filter				
11060	11060-7016	2	Gasket, Muffler				
11065	11065-7006	1	Cap				
11065A	11065-7008	1	Cap				
16060	16060-7005	1	Pipe-Intake				
92015	92015-1193	2	Nut				
92037	92037-2079	2	Clamp				
92171	92171-7007	3	Clamp				
92171A	92171-7009	2	Clamp				
92191	92191-7006	1	Tube				
92191A	92191-7028	1	Tube				
130	130B06105	2	Bolt-Flanged				
130A	130B0612	2	Bolt-Flanged				
130B	130B0816	2	Bolt-Flanged				
317	317R0800	6	Nut-Hex, Small				
411	411b0600	1	Washer-Plain				
461	461F0800	6	Washer-Spring				



**Starter Assembly Kawasaki
FH680V-AS21**

Ref	Part No.	Qty.	Description				
13101	13101-7001	1	Gear ASM				
21039	21039-7001	1	Brush				
21080	21080-7001	1	Armature				
21163	21163-7001	1	Starter-Electric				
39184	39184-7001	1	Bracket ASM				
92151	92151-7013	1	Bolt				
130	130B0816	2	Bolt-Flanged				



Fuel Tank/Fuel Valve Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
③13271	13271-7004	1	Plate				
③23062	23062-7004-9H	1	Bracket-Comp				
③49019	49019-7001	1	Filter-Fuel				
③49040	49040-7001	1	Pump-Fuel				
③92170	92170-2088	4	Clamp				
③92170A	92170-7003	1	Clamp				
③92191	92191-7003	1	Tube (6.35x12.7x160)				
③92191A	92191-7017	1	Tube				
③92191B	92191-7027	1	Tube				
③130	130B0616	2	Bolt-Flanged				
③130A	130B0620	2	Bolt-Flanged				

NOTES

