



Z453 Z Master[®]

With 132cm TURBO FORCE Side Discharge Mower

Model No. 74416TE - 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.

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Part Description Abbreviations

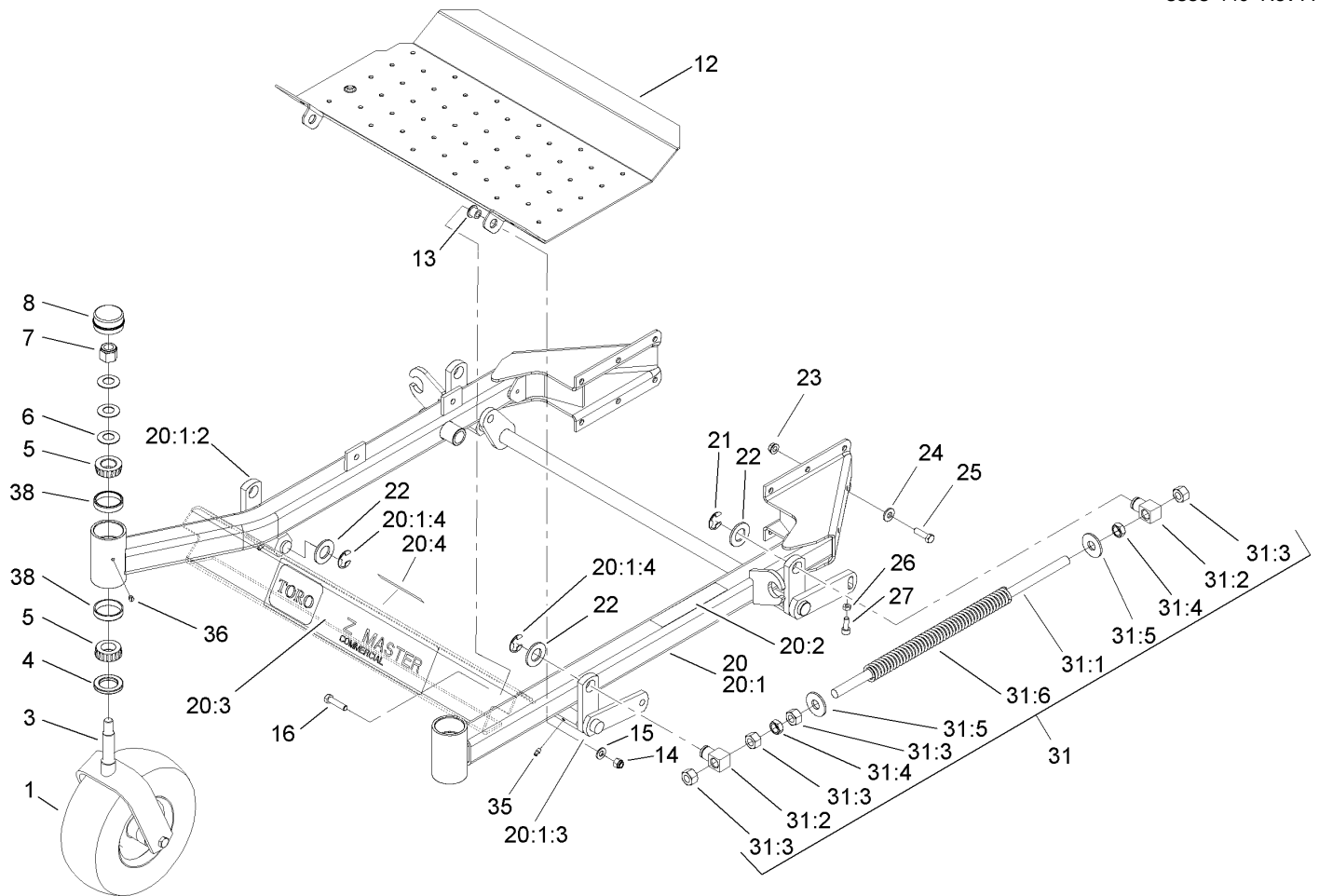
Part descriptions in this catalog may include the following abbreviations.

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 serviced separately

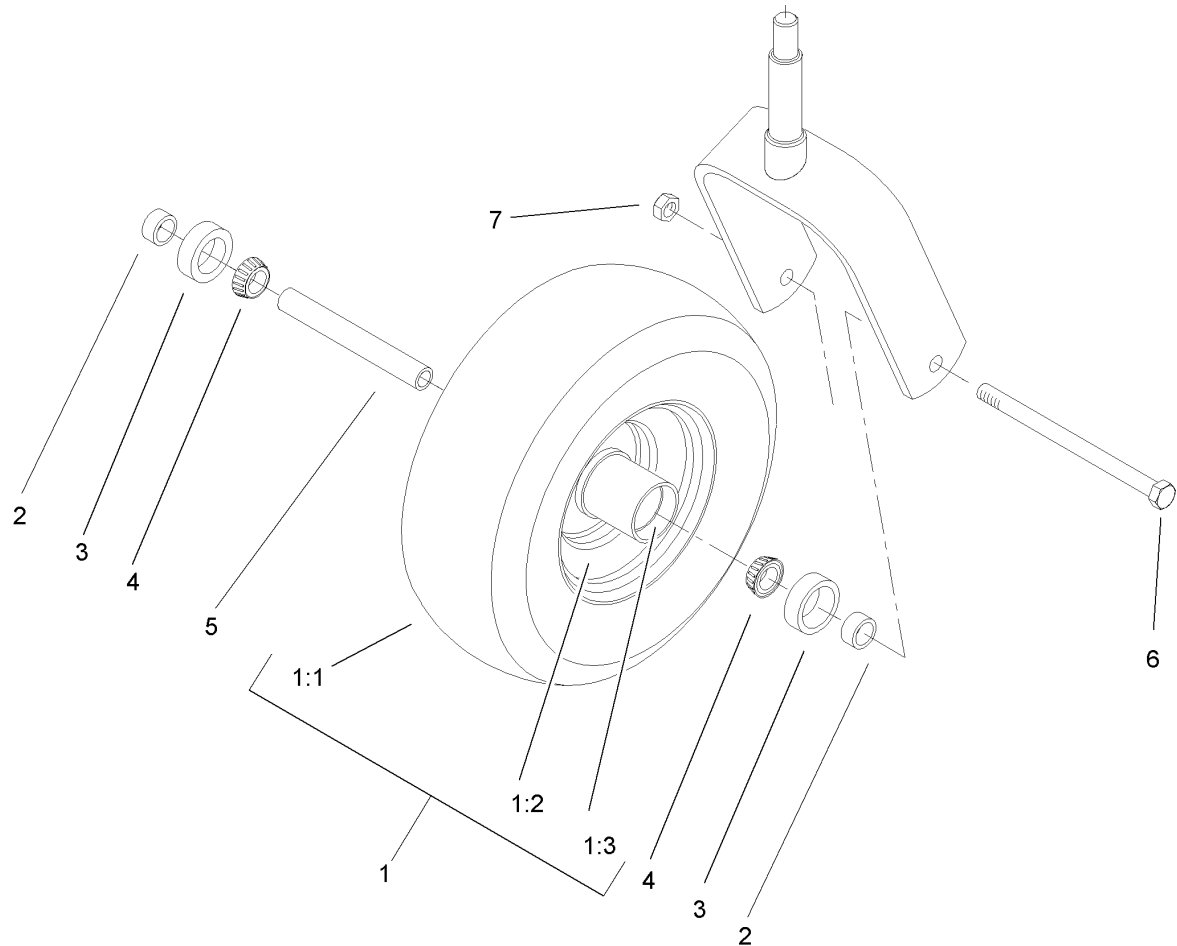
❷ Obtain Parts From Kawasaki



Front Frame Assembly

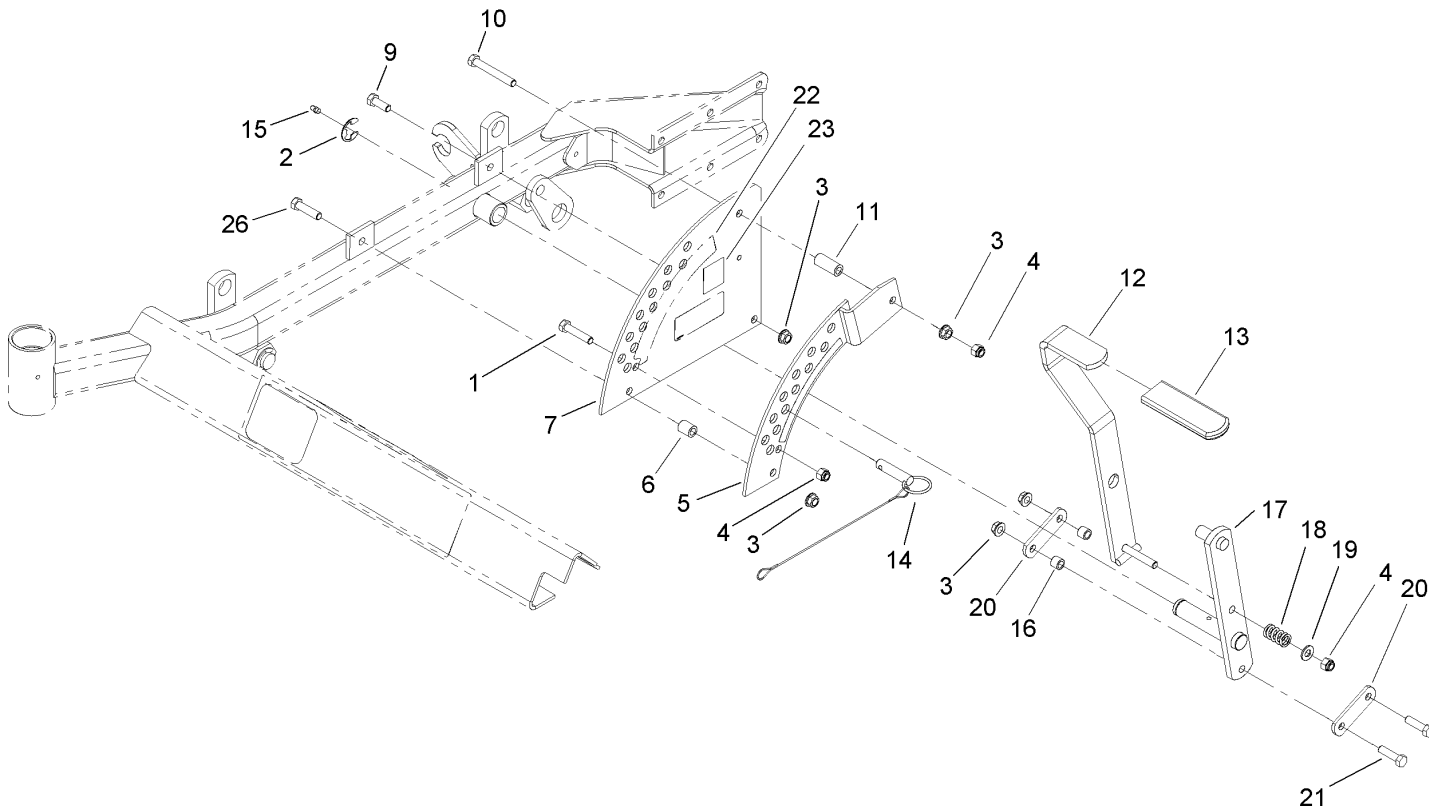
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
12	108-5007-03	1	Floor Pan
13	86-2180	2	Bushing-Flange
14	3296-39	2	Nut-Lock, NI
15	3256-24	2	Washer-Flat
16	323-8	2	Screw-HH
20	107-1681	1	Front Frame ASM
20:1		1	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	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-Belleville

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



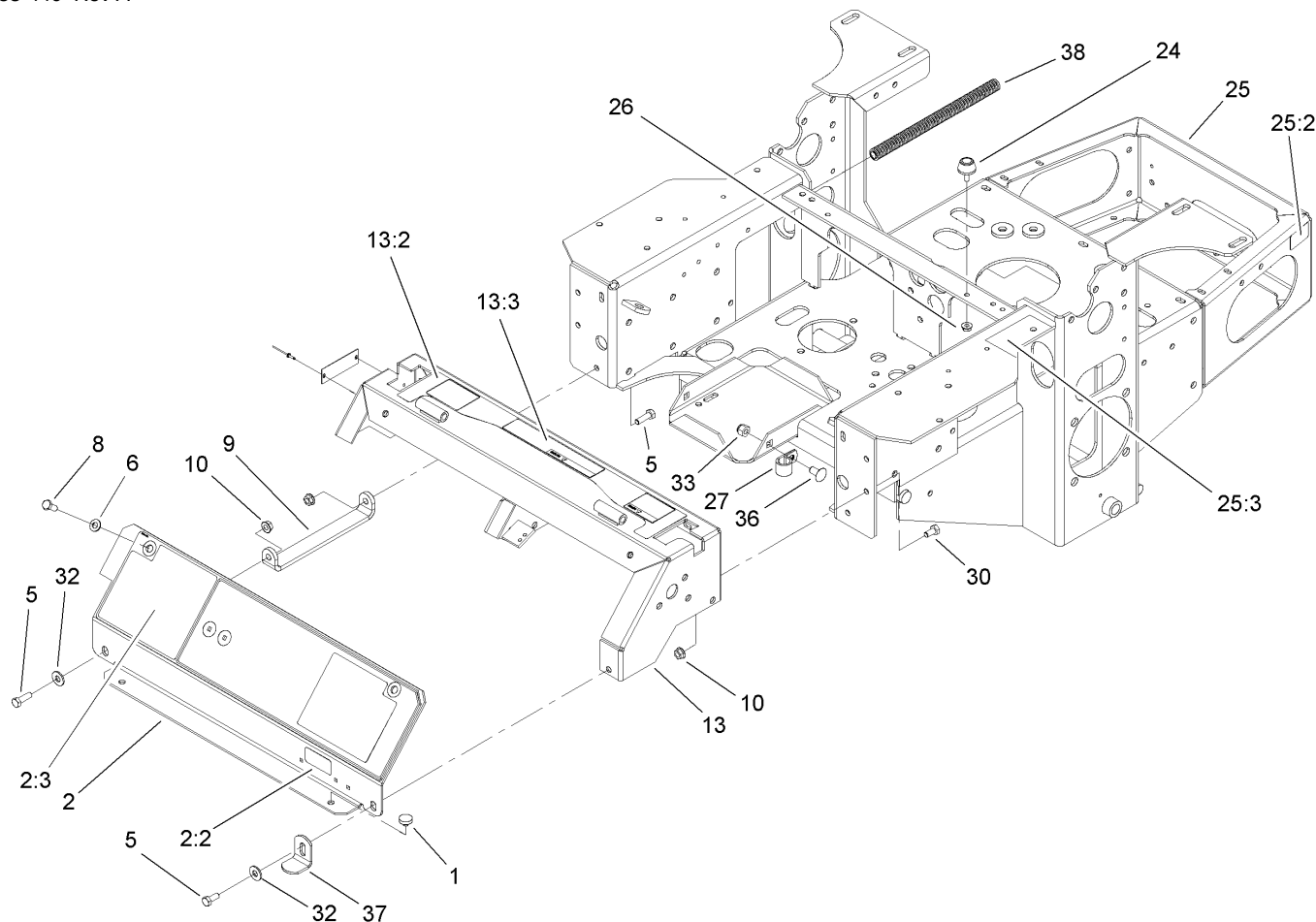
Caster Wheel Assembly No. 1-634662

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				



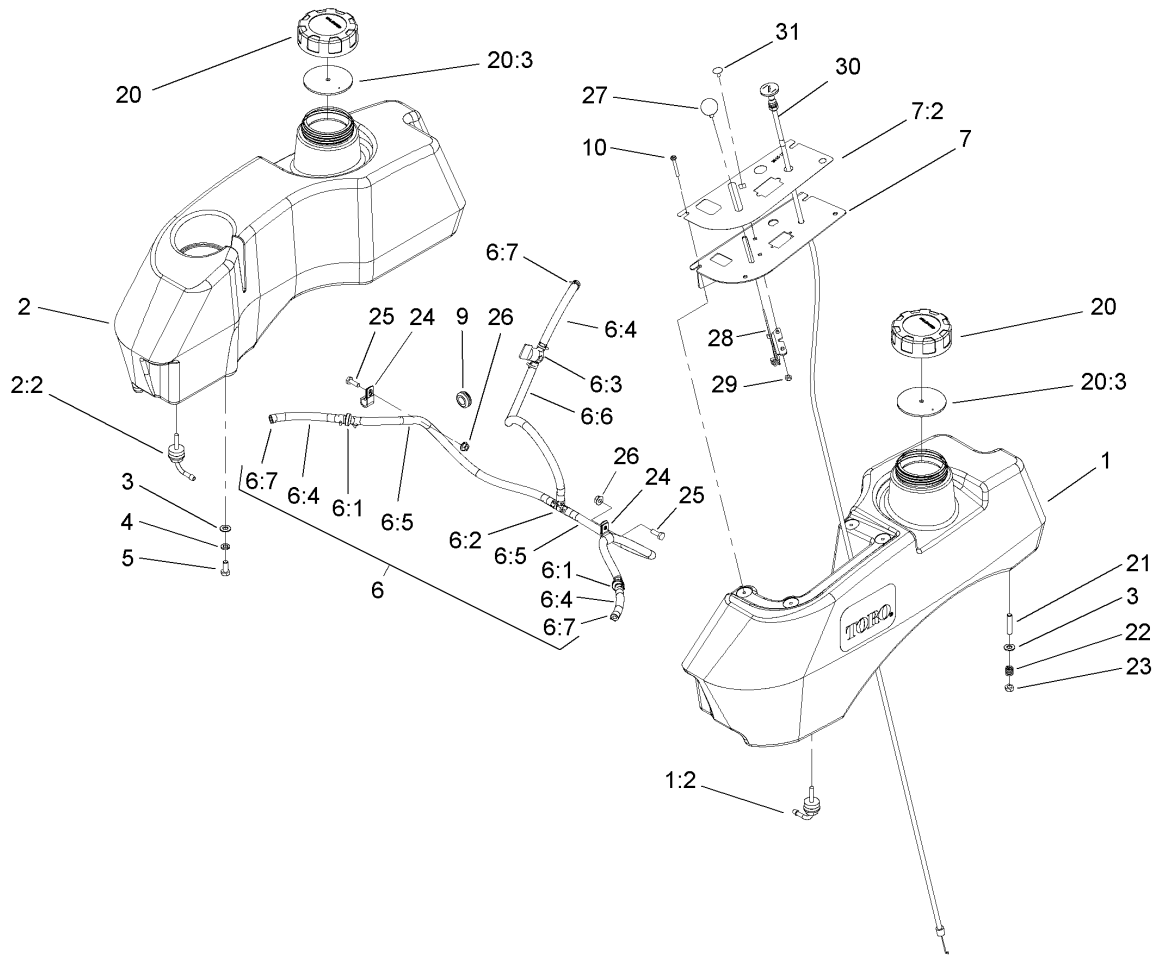
Height-of-Cut Assembly

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

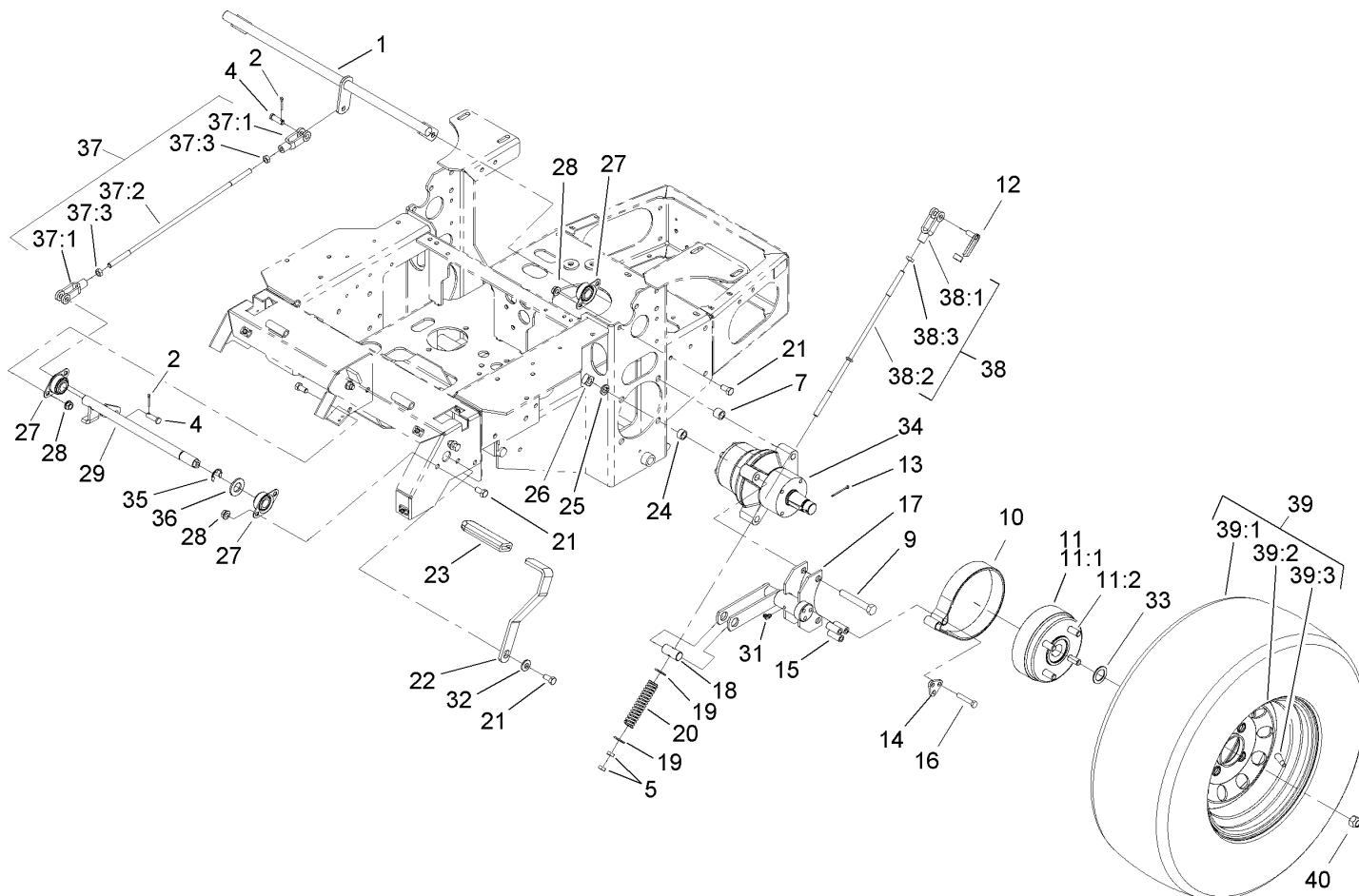
Ref	Part No.	Qty.	Description				
1	1-513658	2	Bumper				
2	108-1865	1	Panel ASM				
2:2	98-4387	1	Decal-Protection, Ear				
2:3	108-1054	1	Decal-Panel, Cover				
5	322-5	3	Screw-HH				
6	3256-23	2	Washer-Flat				
8	322-3	2	Screw-HH				
9	1-653089-03	1	Bracket				
10	32128-20	6	Nut-HF				
13	105-6124	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

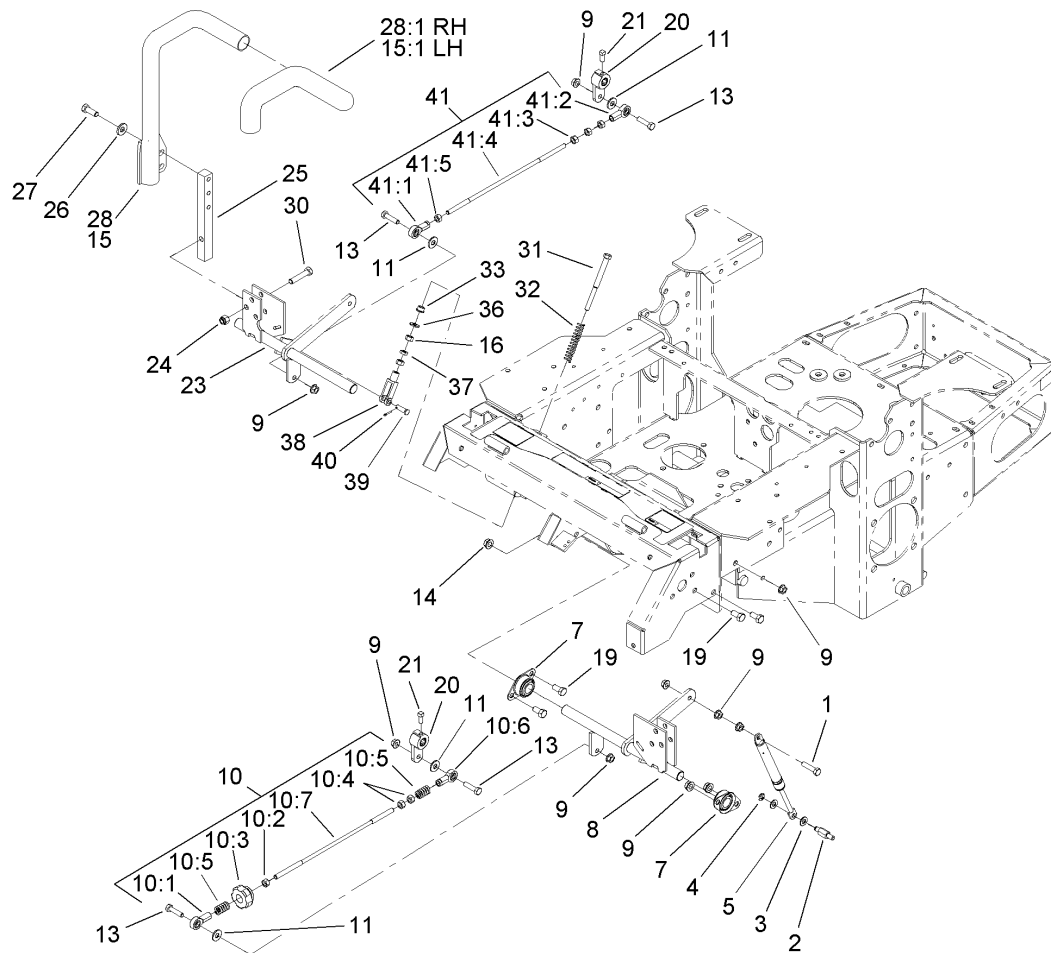
Ref	Part No.	Qty.	Description
24	1-513762	2	Clip-Loom
25	321-4	2	Screw-HH
26	32128-33	2	Nut-HF
27	1-513592	1	Knob-Ball
28	1-633696	1	Throttle Cable ASM
29	3296-2	2	Nut-Lock
30	1-603336	1	Control-Choke
31	1-807513	2	Bolt-CARR



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

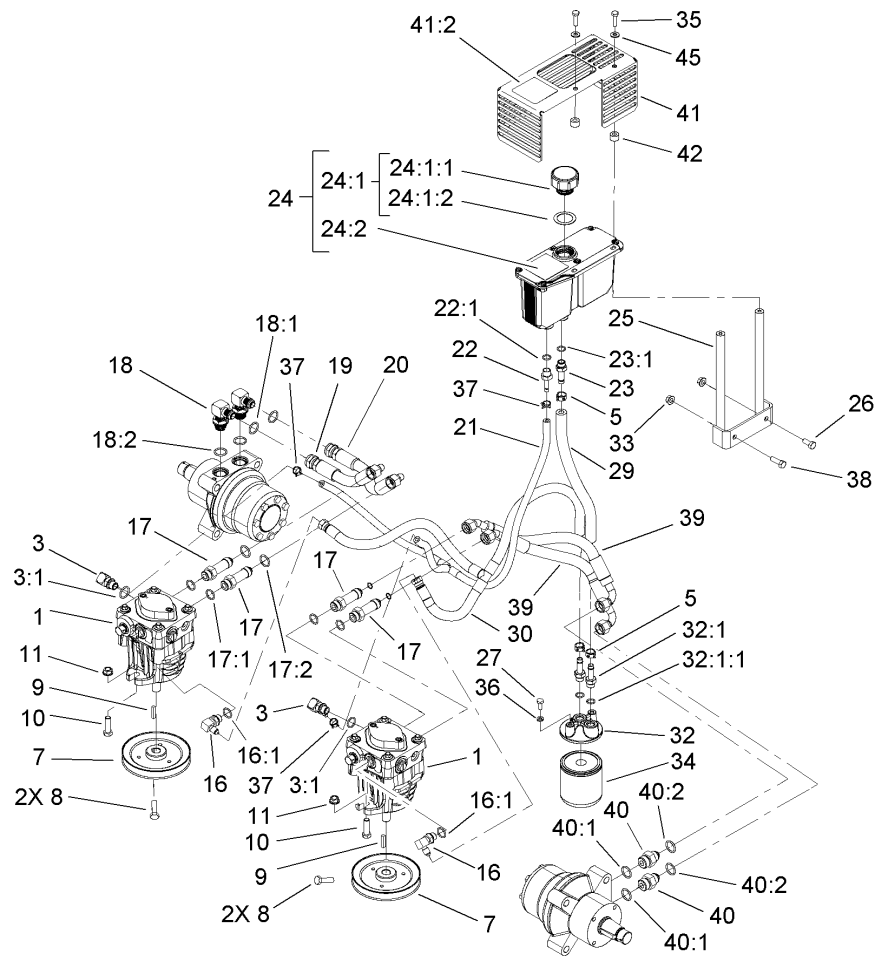
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	103-5333	2	Motor-Wheel
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat
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	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

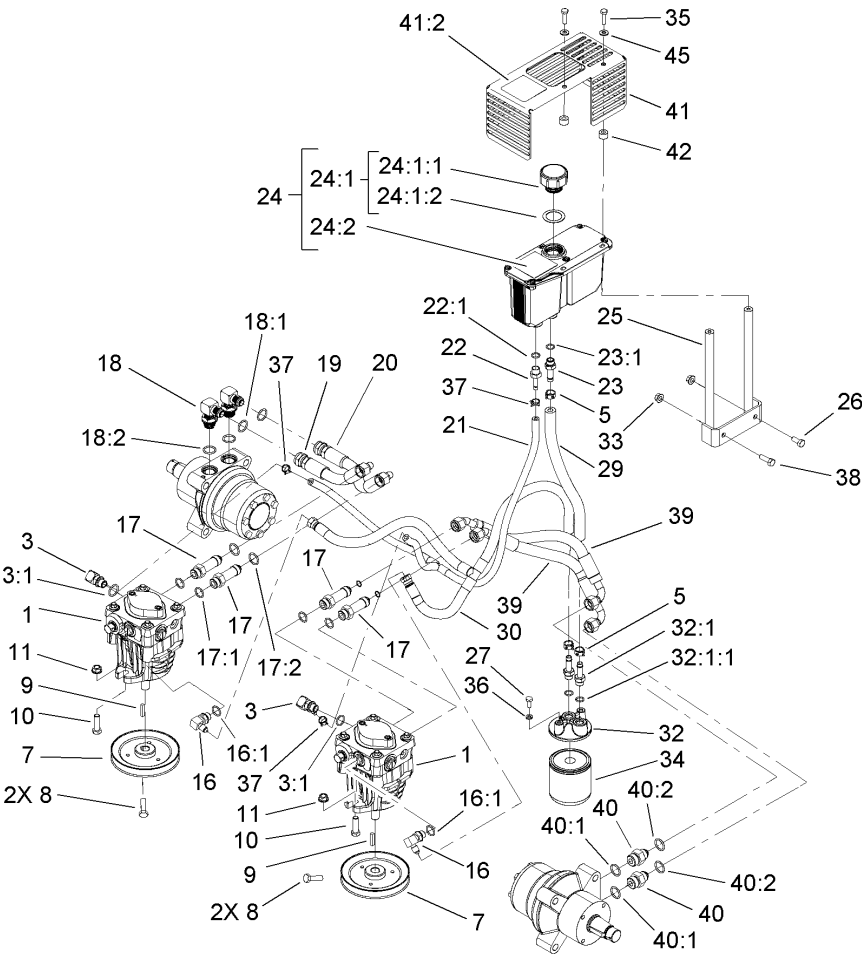
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	108-7237	1	RH Lever ASM
28:1	106-9987	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, 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
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

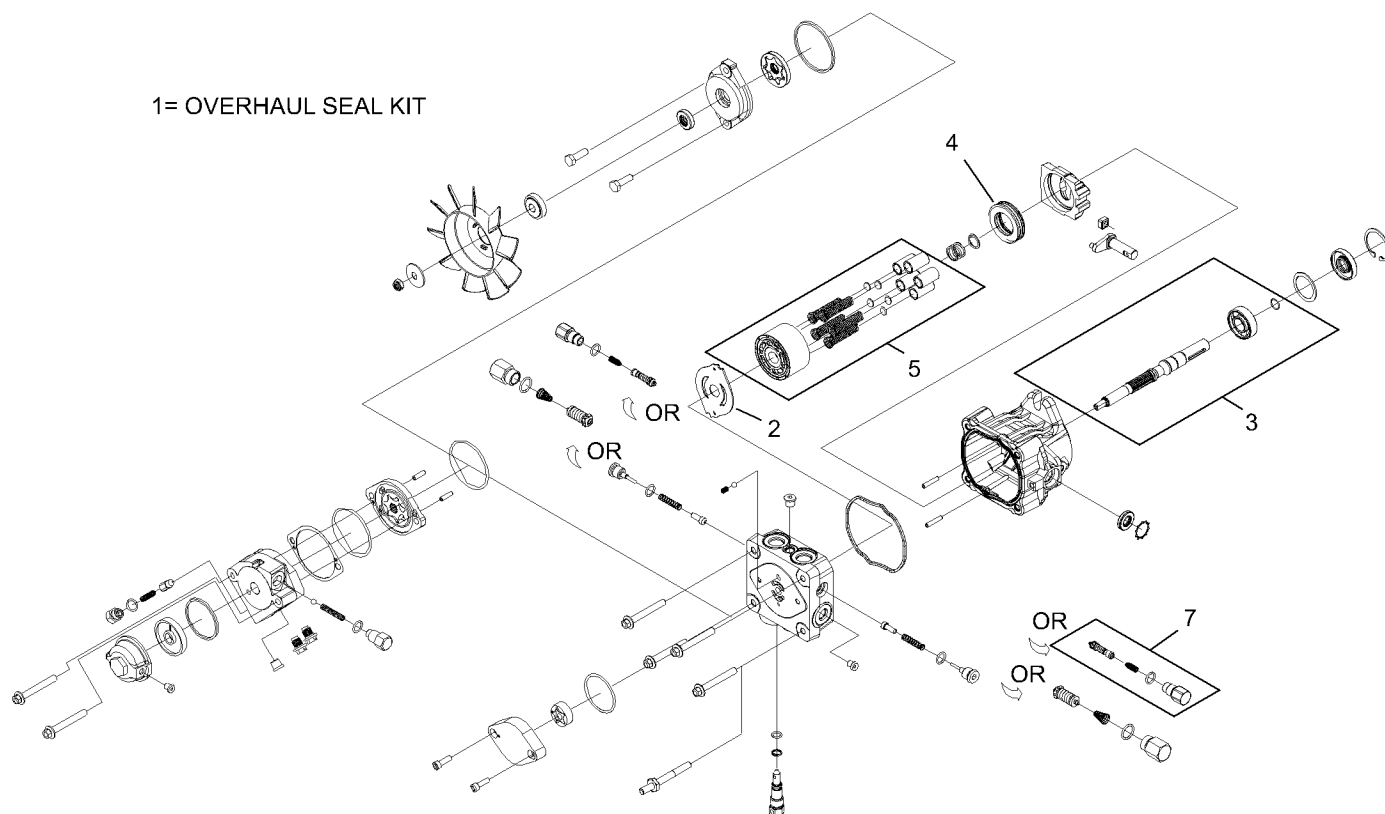
Ref	Part No.	Qty.	Description
24	103-1947	1	HYD Reservoir ASM
24:1		1	Reservoir-HYD
24:1:1	103-1948	1	Cap-Reservoir, HYD
24:1:2	103-1949	1	Gasket-Cap
24:2	1-523552	1	Decal-Tank, HYD
25	103-3071-03	1	Stand-Reservoir
26	322-3	1	Screw-HH
27	321-3	2	Screw-HH
29	103-3077	1	HYD Hose ASM
30	103-2930	1	HYD Hose 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 System Assembly (continued)

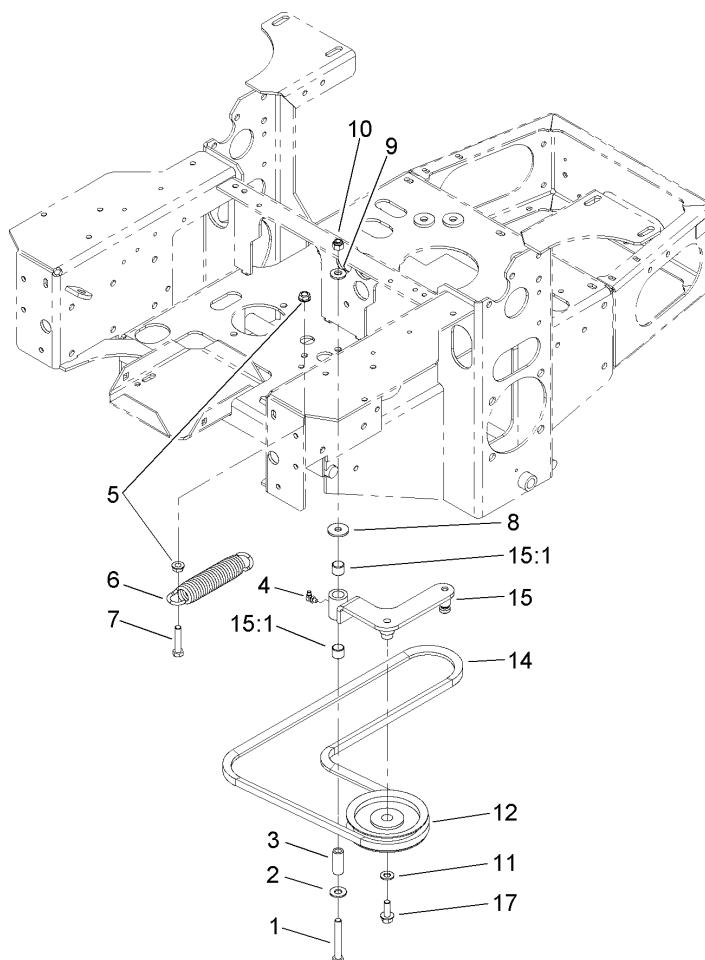
Ref	Part No.	Qty.	Description
41	107-2130	1	Shield ASM
41:2	107-2131	1	Decal-Surface, Hot
42	105-3619	2	Spacer
45	3256-22	2	Washer-Flat

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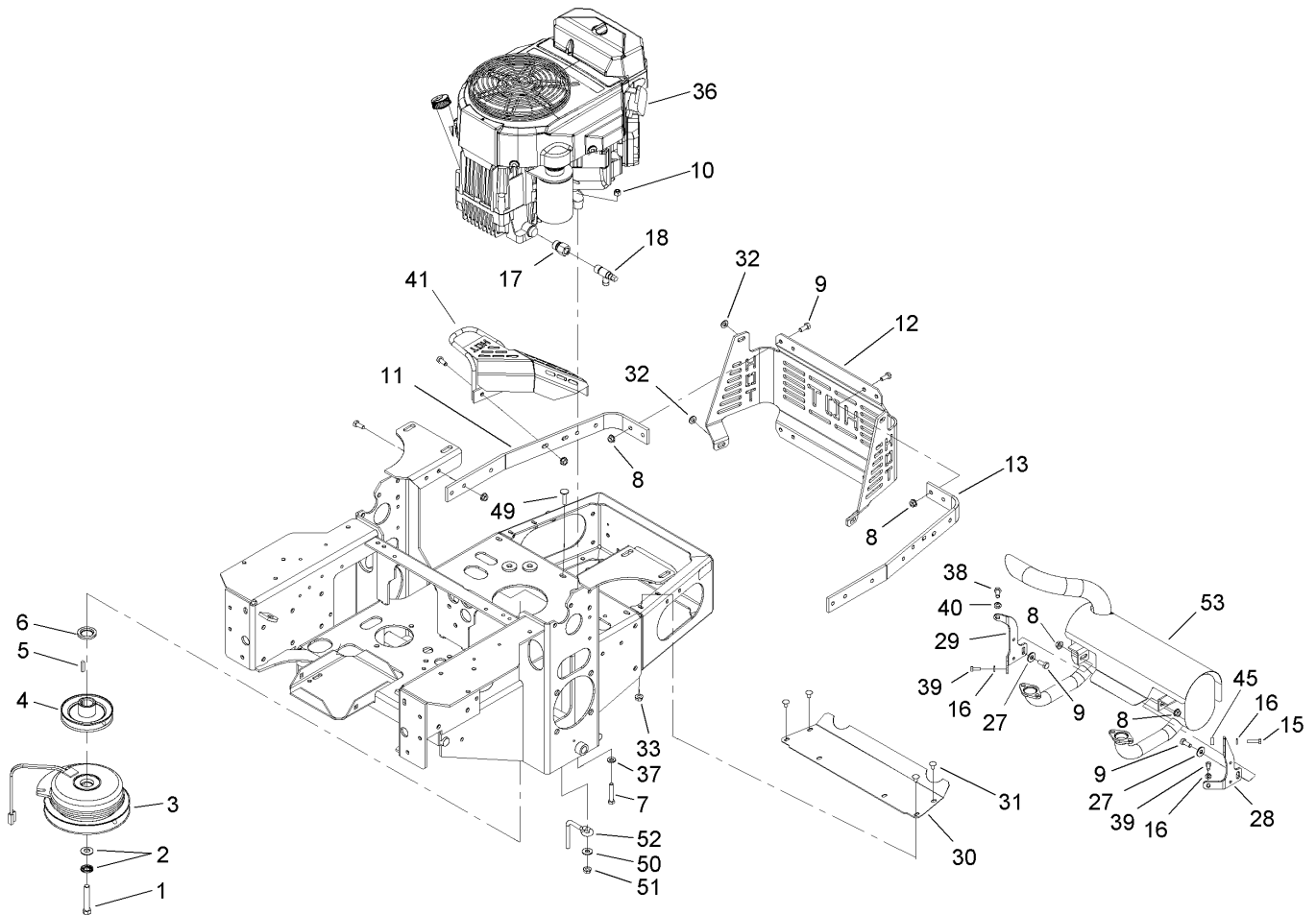
Hydraulic Pump Assembly No. 103-1942

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

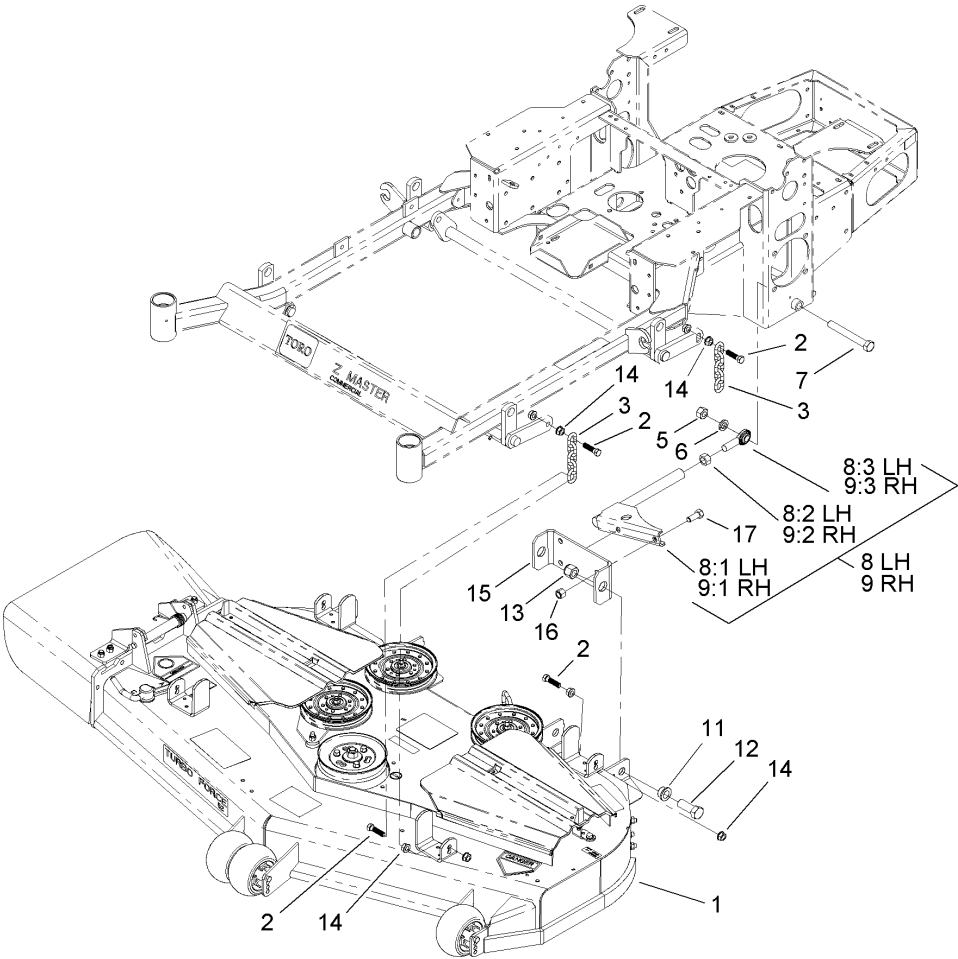
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock, 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

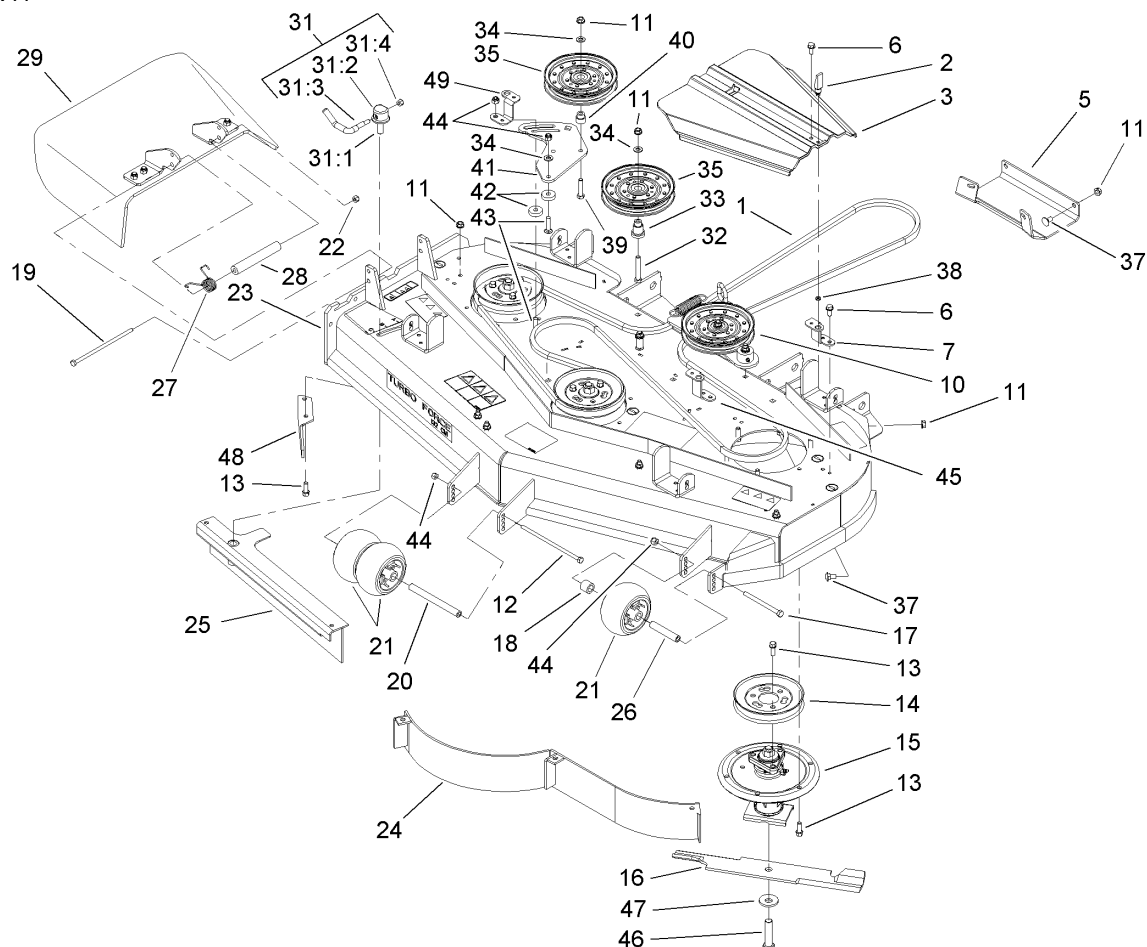
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	103-0690	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	23	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
12	103-3219-03	1	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 Connection Assembly

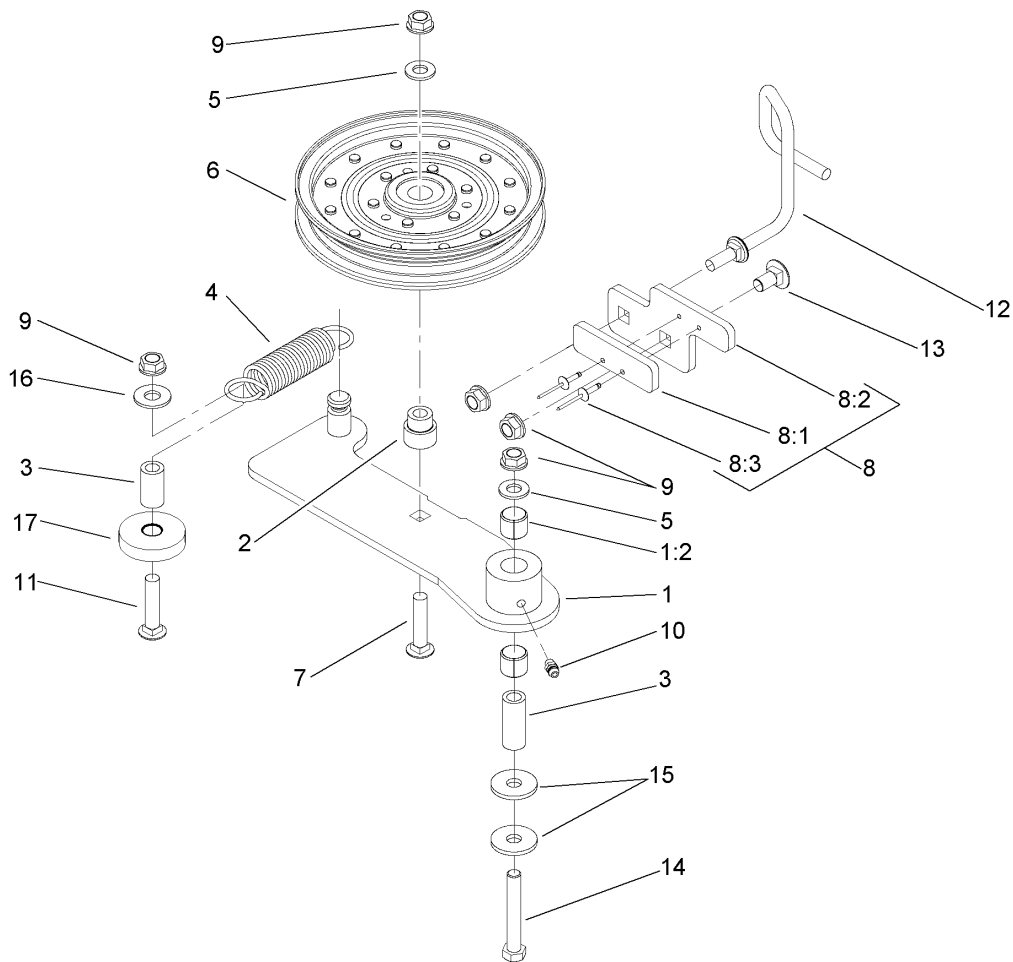
Ref	Part No.	Qty.	Description				
1	107-1671	1	Turbo Force Deck ASM				
2	103-1898	8	Screw-HH				
3	1-633447	4	Chain-Lift, Deck				
5	3217-11	2	Nut-Hex				
6	3253-8	2	Washer-Lock				
7	327-11	2	Screw-HH				
8	107-3150	1	LH Strut ASM				
8:1	107-3103-01	1	Strut-Compact				
8:2	3219-6	1	Nut-Hex				
8:3	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. 107-1671

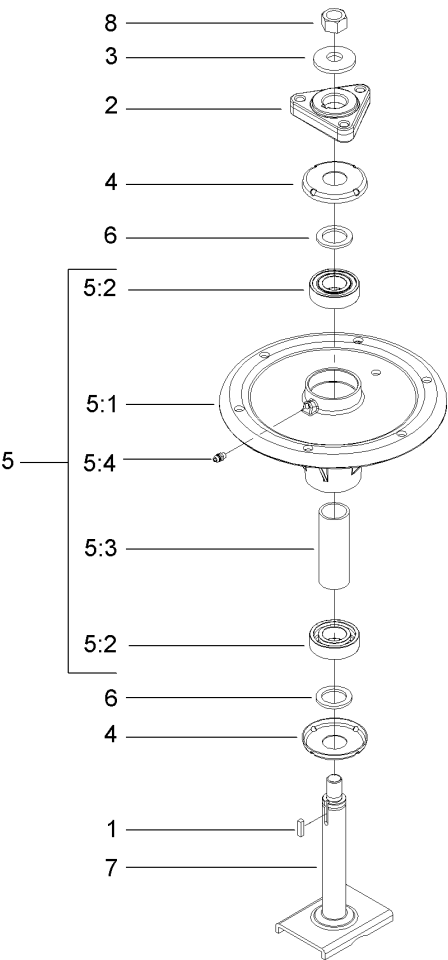
Ref	Part No.	Qty.	Description
1	106-7369	1	Belt-V
2	74-5950	2	Latch-Swell
3	107-8536	2	Cover-Belt
5	106-7358-01	1	Plate-Skid
6	32144-70	6	Screw-HH
7	108-2177-01	3	Bracket-Cover, Tall
10		1	Idle ASM
11	3290-357	36	Nut-HHF
12	323-28	1	Screw-HH
13	92-1624	33	Screw
14	107-1683	3	Pulley
15	107-8504	3	Spindle ASM
16	105-7781-03	3	Blade-Hi Flow
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-Scalp, Anti
22	3296-29	1	Nut-Lock, NI
23	107-1668	1	Deck ASM
24	105-7754-01	1	Baffle ASM
25	105-7755-01	1	Baffle ASM
26	98-7912	1	Tube-Spacer
27	108-4052	1	Spring-Torsion

Ref	Part No.	Qty.	Description
28	105-4622	1	Spacer
29	108-2792	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	Idle-Flat
37	3231-1	10	Screw-CARR
38	99-3058	2	Washer
39	323-9	1	Screw-HH
40	1-603496	1	Bushing-Idle
41	107-8516-01	1	Plate-Idle
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



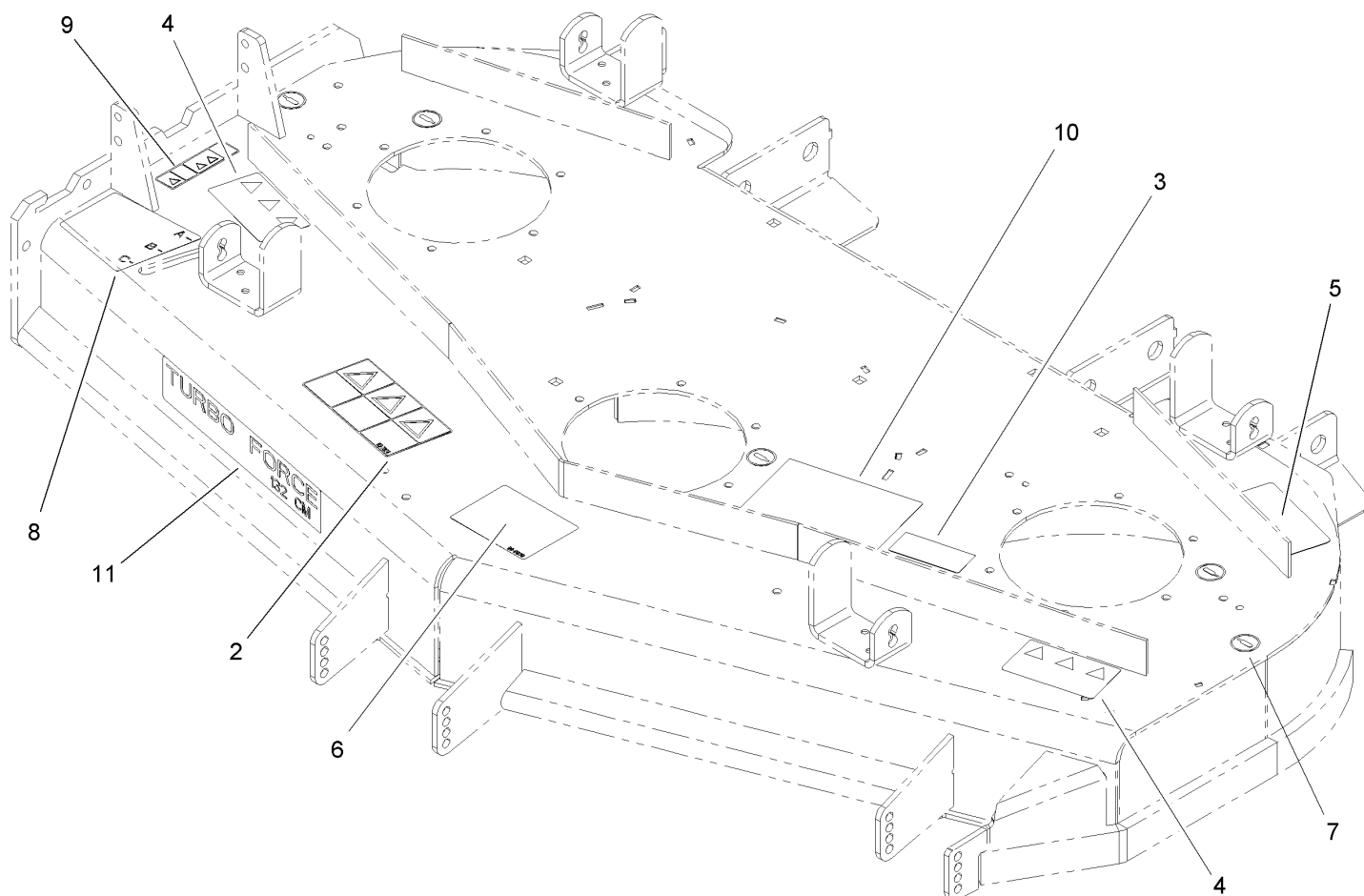
Idler Assembly

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-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	108-2239	1	Stop-Plastic				



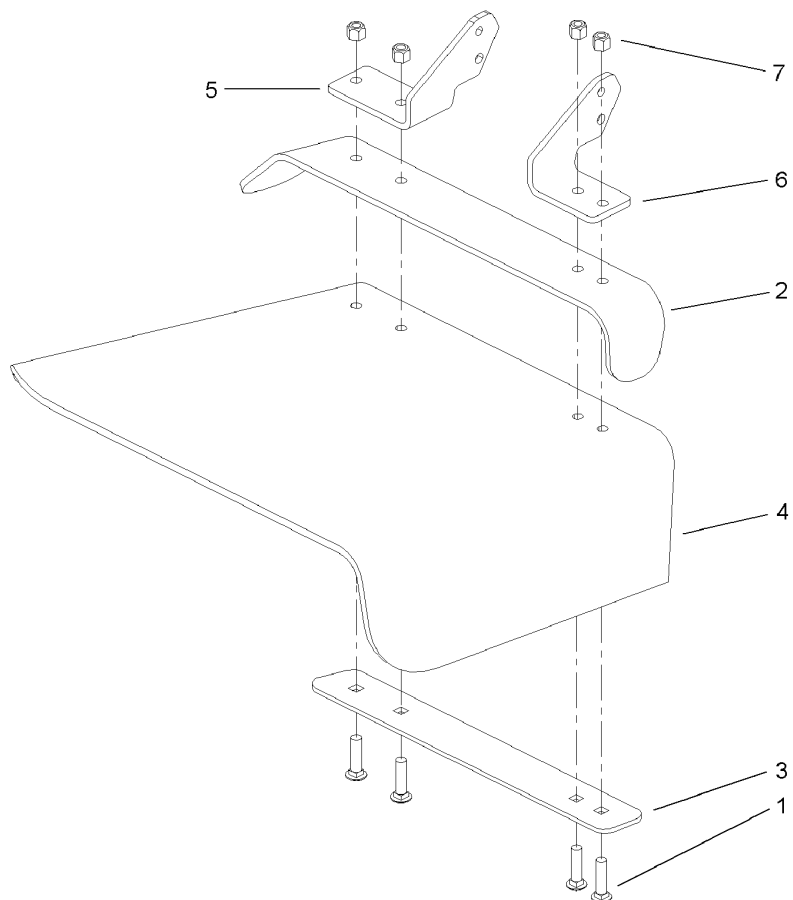
Spindle Assembly No. 107-8504

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				



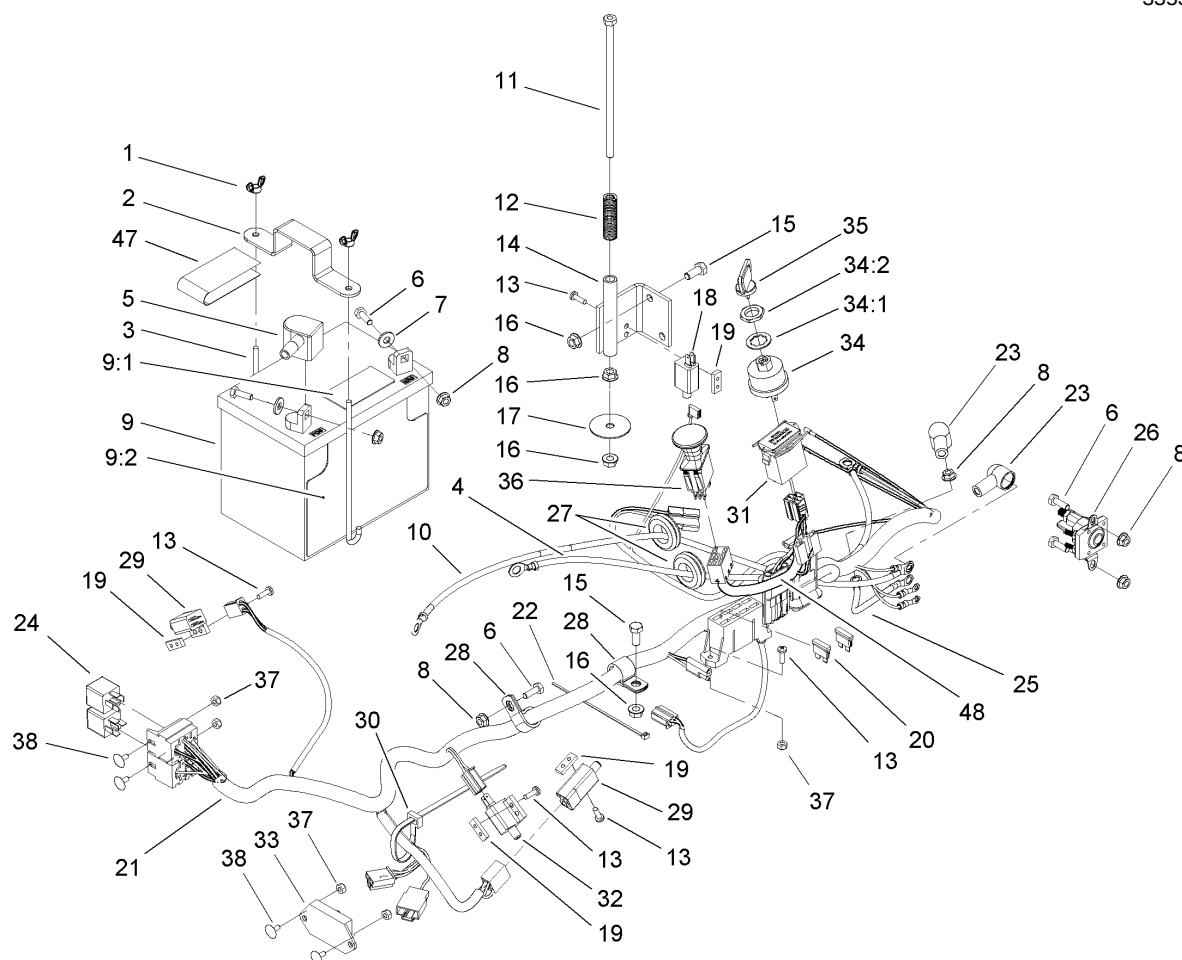
Deck Decal Assembly No. 107-1668

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				



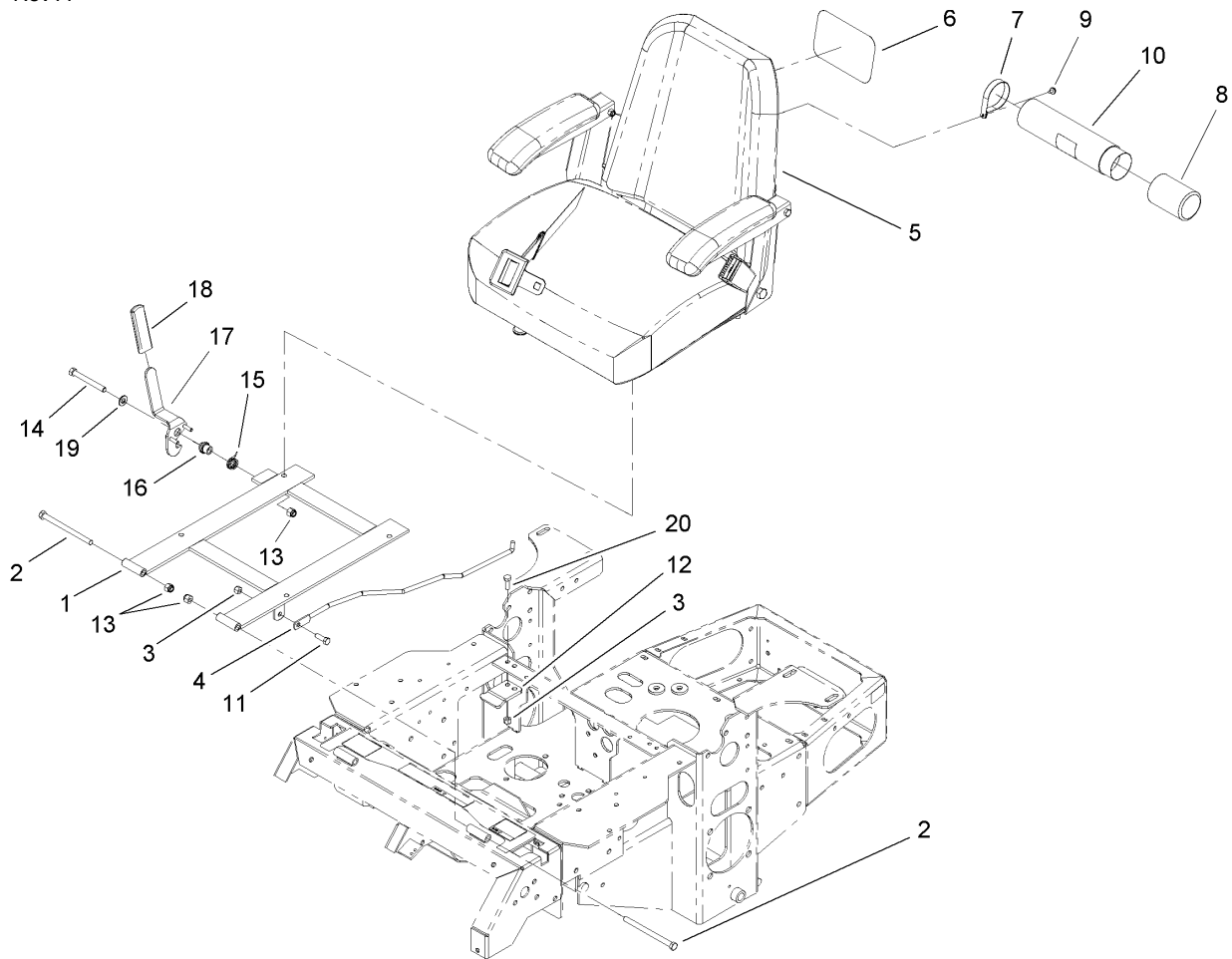
Rubber Deflector Assembly No. 108-2792

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				



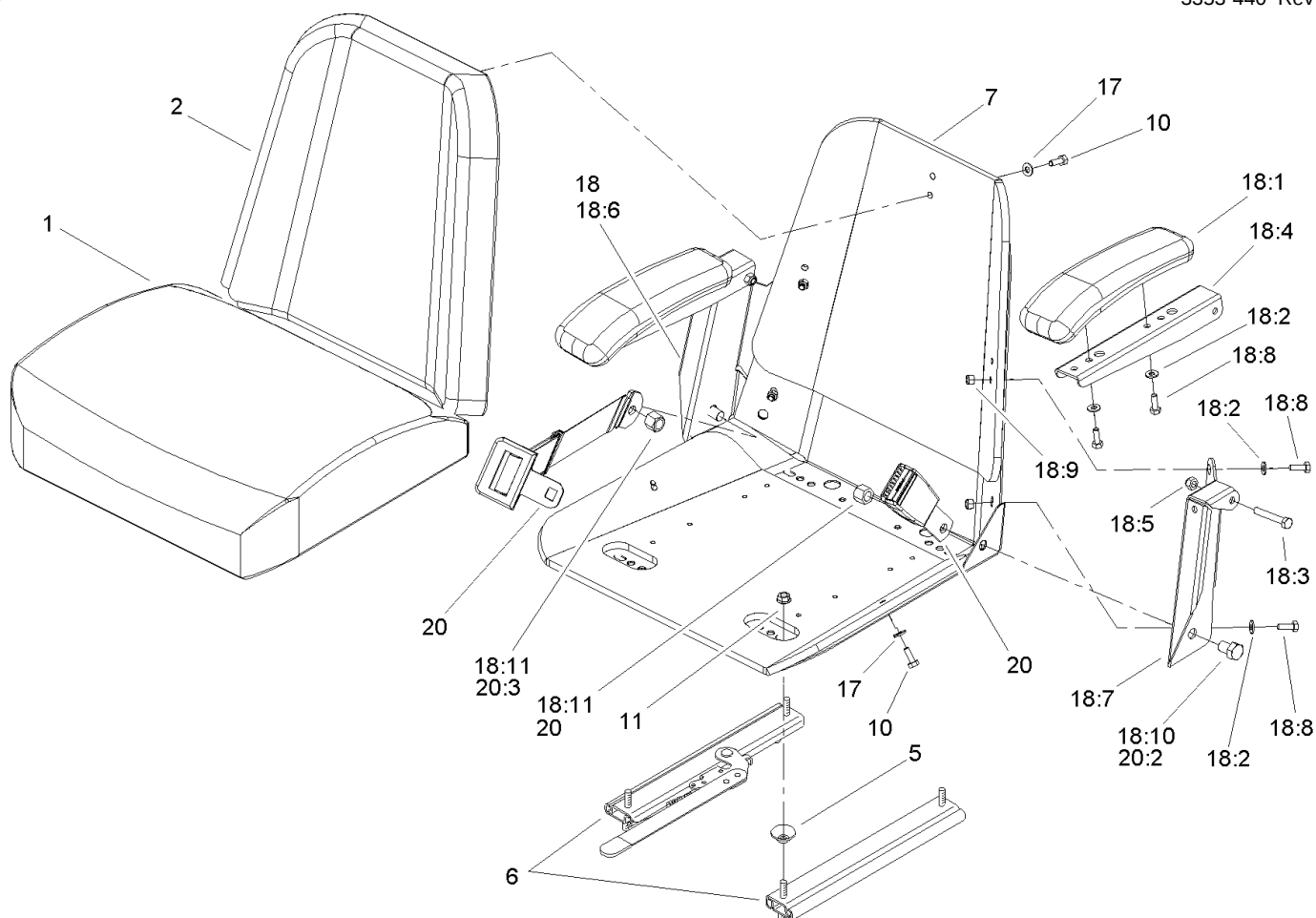
Electrical System Assembly

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				



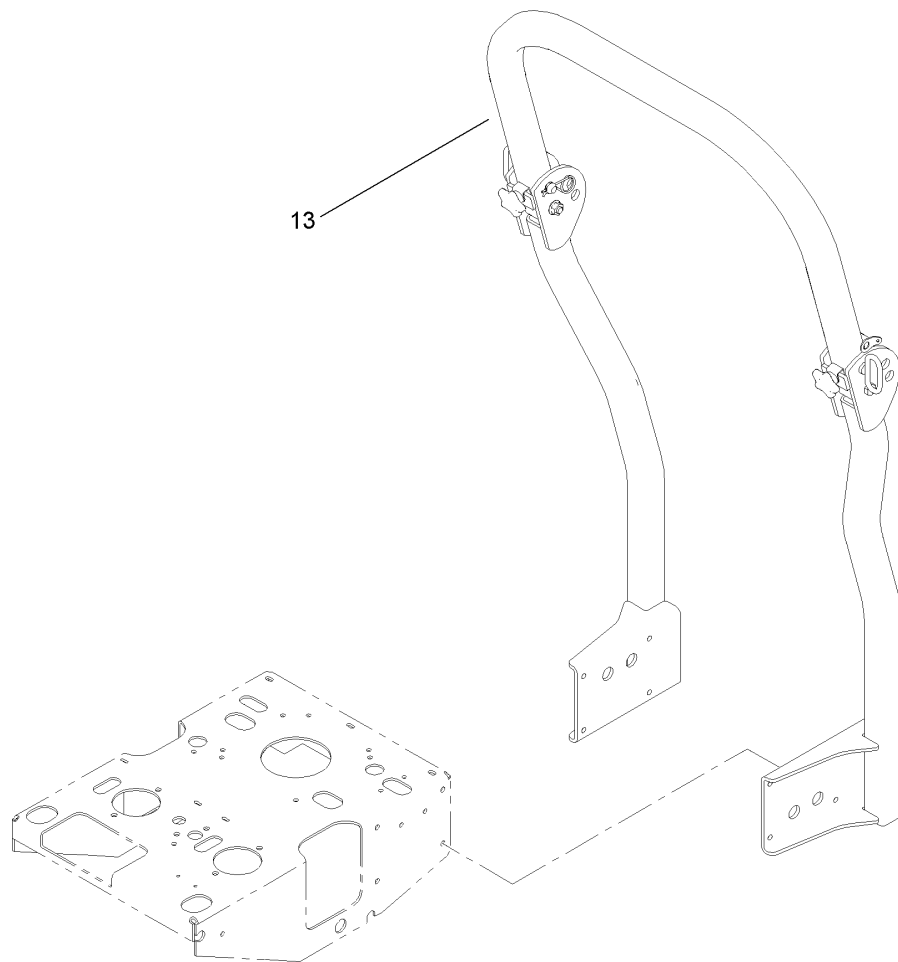
Seat and Bracket Assembly

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				



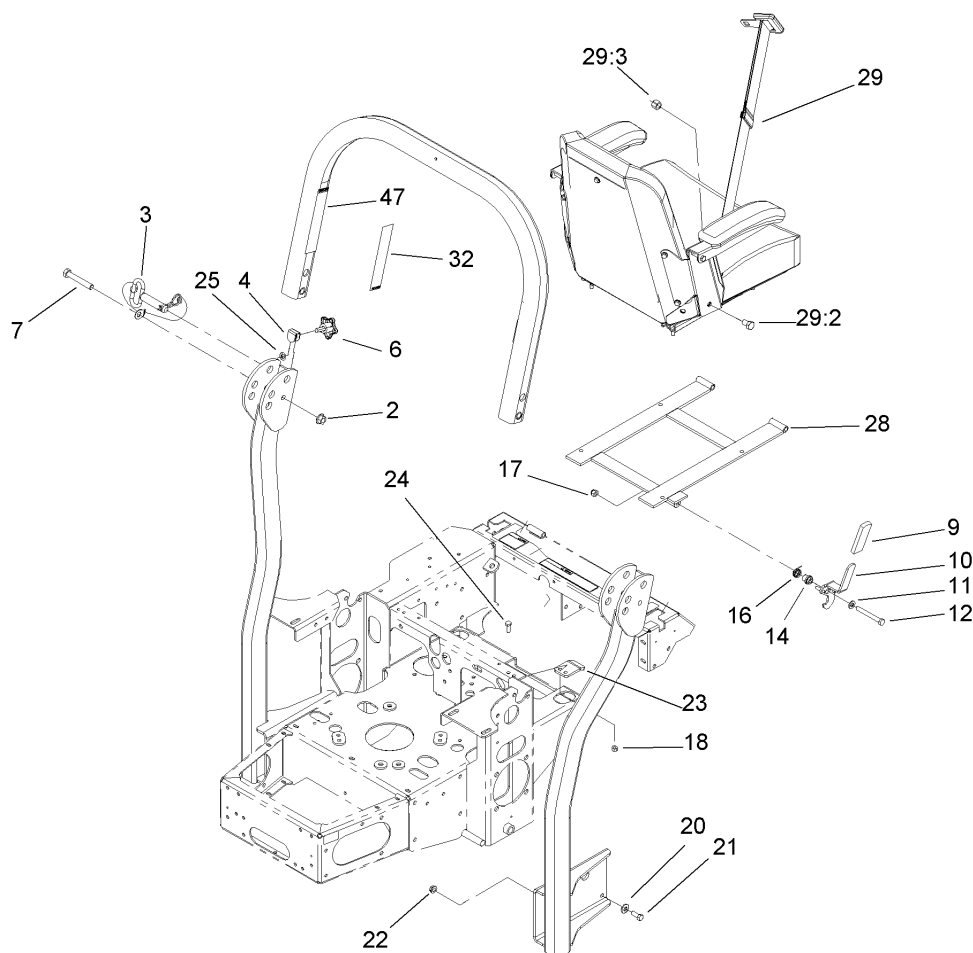
Seat Assembly No. 107-1867

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				



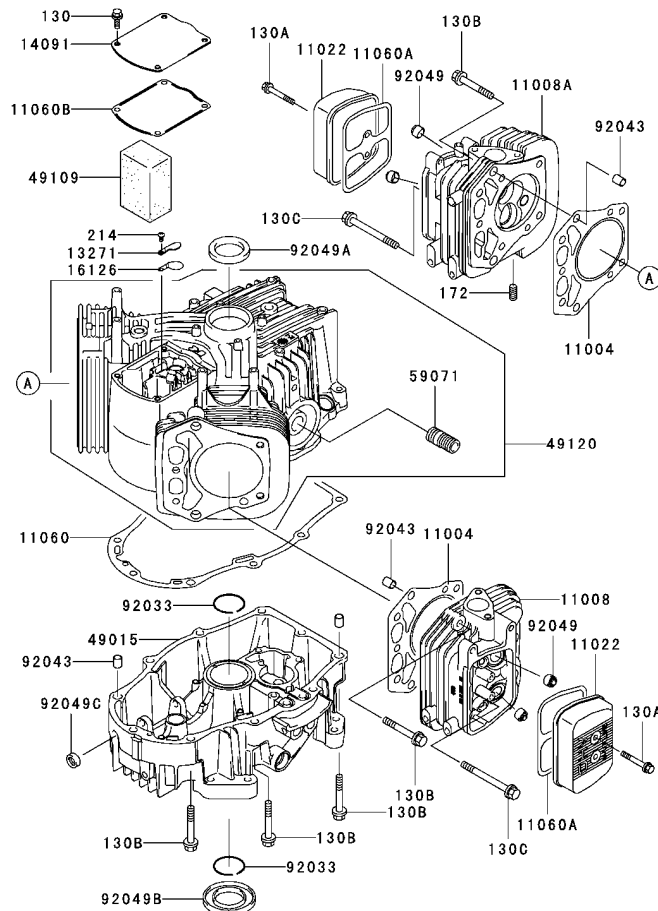
Roll-Over-Protection-System Assembly

Ref	Part No.	Qty.	Description
13	107-8093	1	ROPS ASM



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

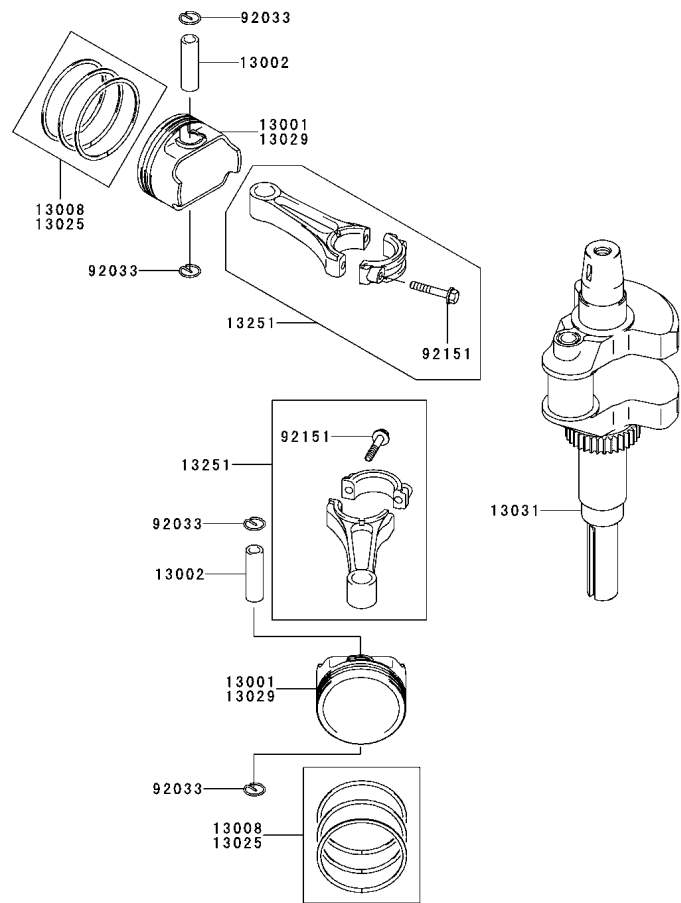
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2	32128-23	2	Nut-HF	47	107-2102	1	Decal-Warning, Folding ROPS
3	103-4553	2	ROPS Fold Pin ASM				
4	107-3124	2	Clip				
6	106-0887	2	Knob				
7	325-13	2	Screw-HH				
9	62-9130	1	Grip-Handle				
10	107-3083	1	Latch ASM				
11	3256-24	1	Washer-Flat				
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

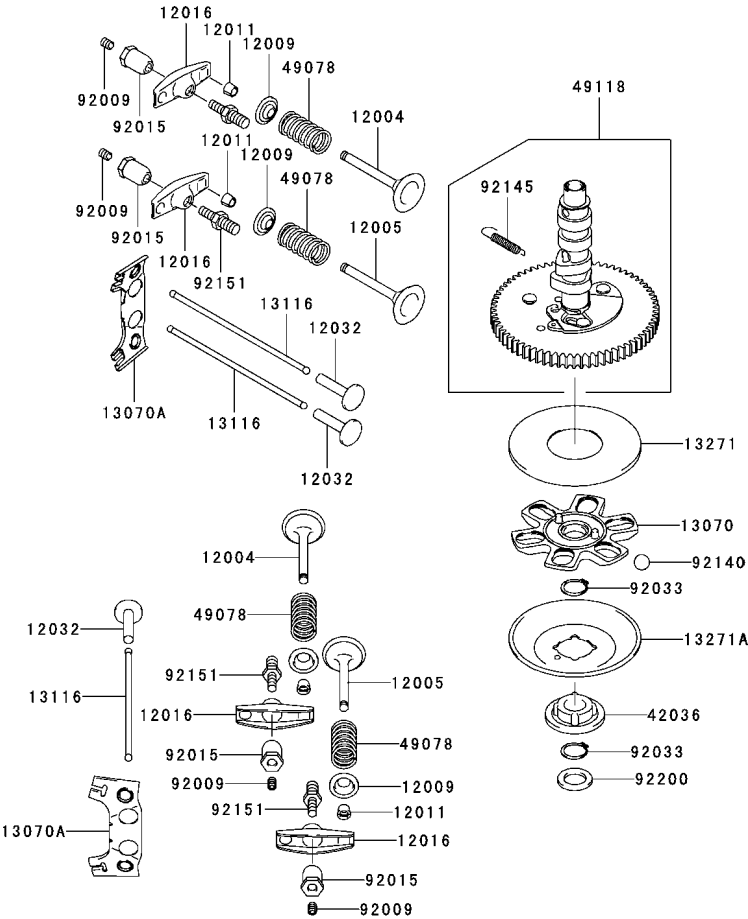
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
211004	11004-7006	2	Gasket-Head	2172	172G0818	4	Bolt-Stud
211008	11008-7012	1	Head-Comp-Cylinder No. 2	2214	214B0408	1	Screw-Pan
211008A	11008-7013	1	Head-Comp-Cylinder No. 1				
211022	11022-7002	2	Case-Rocker				
211060	11060-7012	1	Gasket, Crankcase Cover				
211060A	11060-7013	2	Gasket, Rocker Case				
211060B	11060-7014	1	Gasket, Breather				
213271	13271-7006	1	Plate				
214091	14091-7004	1	Cover				
216126	16126-7001	1	Valve				
249015	49015-6225	1	Cover-Crankcase				
249109	49109-7003	1	Element-Breather				
249120	49120-7019	1	Crankcase-Comp				
259071	59071-2079	1	Joint				
292033	92033-7004	2	Ring-Snap				
292043	92043-7001	6	Pin				
292049	92049-7001	4	Seal-Oil, Rvc2 (6X11X10.2)				
292049A	92049-7002	1	Seal-Oil				
292049B	92049-7004	1	Seal-Oil				
292049C	92049-7005	1	Seal-Oil, So (8X14X5 Hs)				
2130	130B0612	4	Bolt-Flanged				
2130A	130B0640	4	Bolt-Flanged				
2130B	130T0850	18	Bolt-Flanged				
2130C	130T0875	2	Bolt-Flanged				



Piston / Crankshaft Assembly
Kawasaki FH680V-AS21

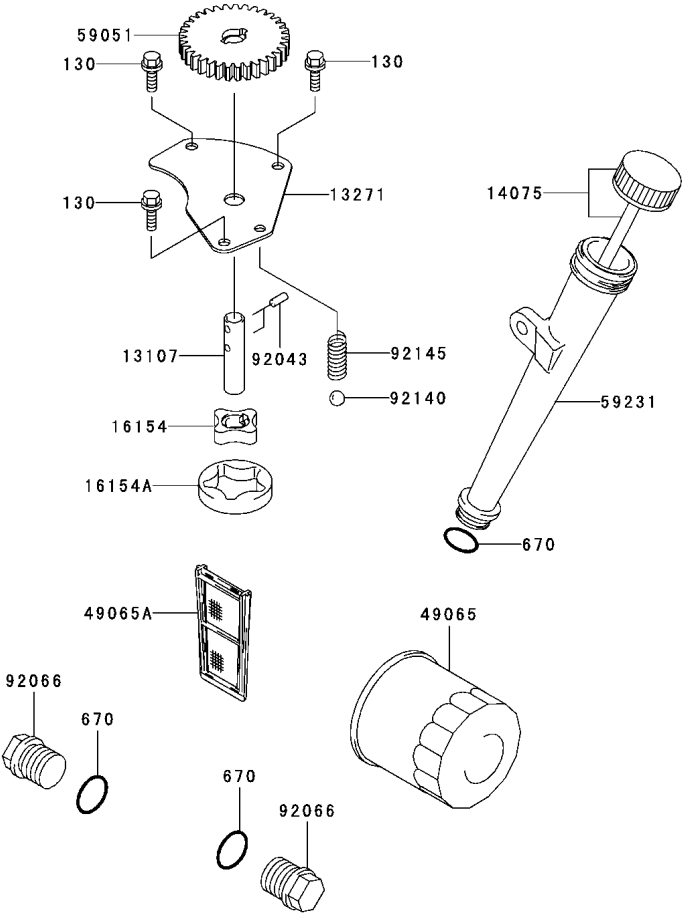
Ref	Part No.	Qty.	Description				
②13001	13001-7007	2	Piston-Engine				
②13002	13002-7001	2	Pin-Piston				
②13008	13008-6058	2	Ring-Set-Piston				
②13025	13025-7002	0	Ring-Set, Pistonl,0.50				
②13029	13029-7003	0	Piston-Engine L,0.50				
②13031	13031-7023	1	Crankshaft-Comp				
②13251	13251-7005	2	Connecting Rod ASM				
②92033	92033-7005	4	Ring-Snap				
②92151	92151-7017	4	Bolt (6X35)				



Valve / Camshaft Assembly

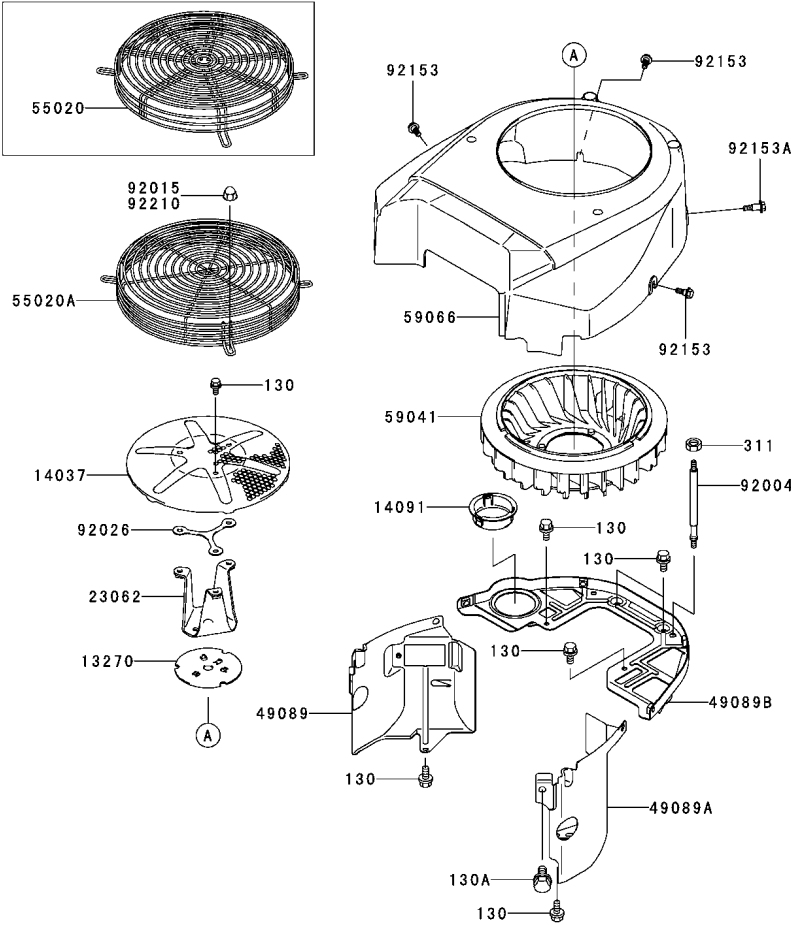
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
②12004	12004-7002	2	Valve-Intake				
②12005	12005-7002	2	Valve-Exhaust				
②12009	12009-7001	4	Retainer-Spring, Valve				
②12011	12011-2056	8	Collet				
②12016	12016-7006	4	Arm-Rocker				
②12032	12032-7001	4	Tappet				
②13070	13070-7004	1	Guide				
②13070A	13070-7007	2	Guide				
②13116	13116-7002	4	Rod-Push				
②13271	13270-7007	1	Plate				
②13271A	13271-7021	1	Plate-Governor				
②42036	42036-7001	1	Sleeve				
②49078	49078-7002	4	Spring-Engine Valve				
②49118	49118-7007	1	Camshaft-Comp				
②92009	92009-2341	4	Screw				
②92015	92015-2253	4	Nut				
②92033	92033-7001	2	Ring-Snap				
②92140	92140-7002	6	Ball				
②92145	92145-7001	1	Spring				
②92151	92151-7019	4	Bolt				
②92200	92200-7001	1	Washer				



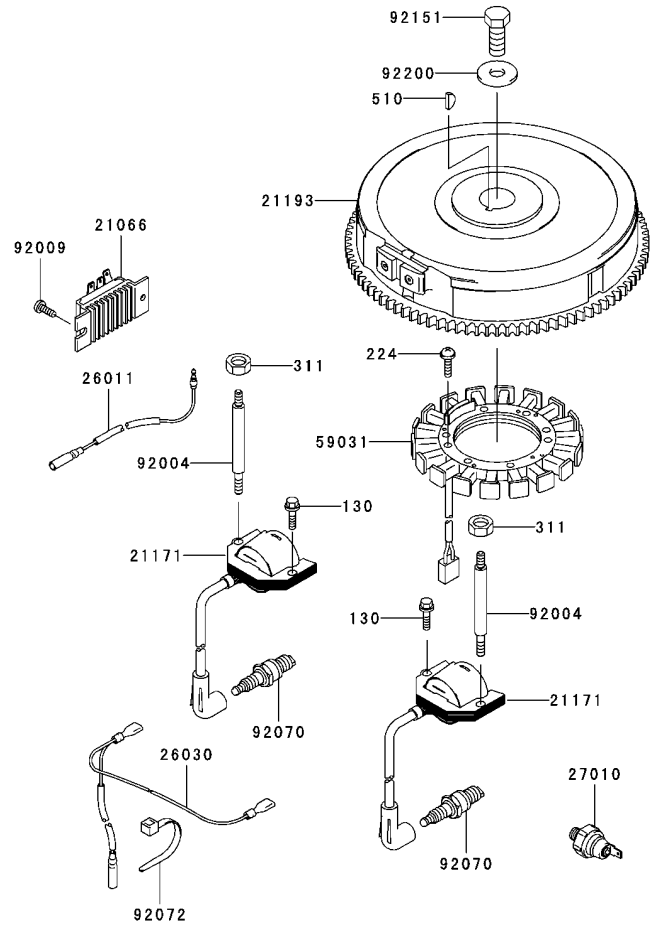
Lubrication Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
②13107	13107-7009	1	Shaft				
②13271	13271-7005	1	Plate				
②14075	14075-7008	1	Cap-Assy				
②16154	16154-2053	1	Rotor-Pump (In)				
②16154A	16154-2054	1	Rotor-Pump (Out)				
②49065	49065-2078	1	Filter-Oil				
②49065A	49065-7003	1	Filter-Oil				
②59051	59051-7011	1	Gear-Spur				
②59231	59231-7002	1	Filler				
②92043	92043-7006	2	Pin				
②92066	92066-7003	2	Plug				
②92140	92140-7003	1	Ball				
②92145	92145-7002	1	Spring				
②130	130B0612	3	Bolt-Flanged				
②670	670D2016	3	O-Ring (16Mm)				



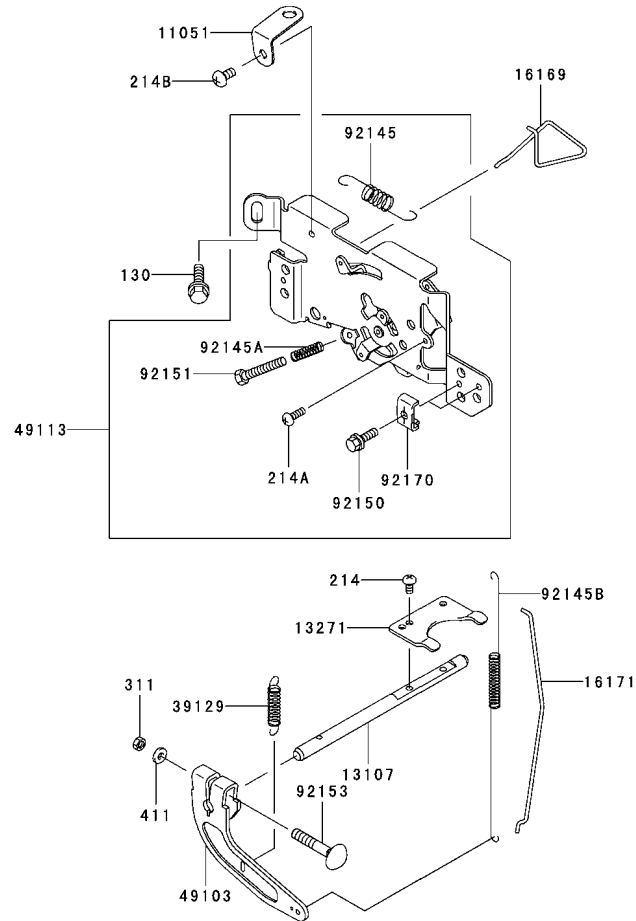
Cooling Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
②13270	13270-7007	1	Plate				
②14037	14037-7008-9H	1	Screen				
②14091	14091-7002	1	Cover				
②23062	23062-7005	1	Bracket-Comp				
②49089	49089-7004	1	Shroud-Engine				
②49089A	49089-7005	1	Shroud-Engine				
②49089B	49089-7030	1	Shroud-Engine				
②55020	55020-7002	1	Guard				
②55020A	55020-7007	1	Guard				
②59041	59041-7003	1	Fan				
②59066	59066-7004	1	Housing-Fan				
②92004	92004-7006	2	Stud				
②92015	92015-1170	4	Nut				
②92026	92026-7007	0	Spacer				
②92153	92153-7007	3	Bolt				
②92153A	92153-7008	1	Bolt				
②92210	92210-0003	4	Nut				
②130	130B0612	9	Bolt-Flanged				
②130A	130B0816	1	Bolt-Flanged				
②311	311B0600	2	Nut-Hex				



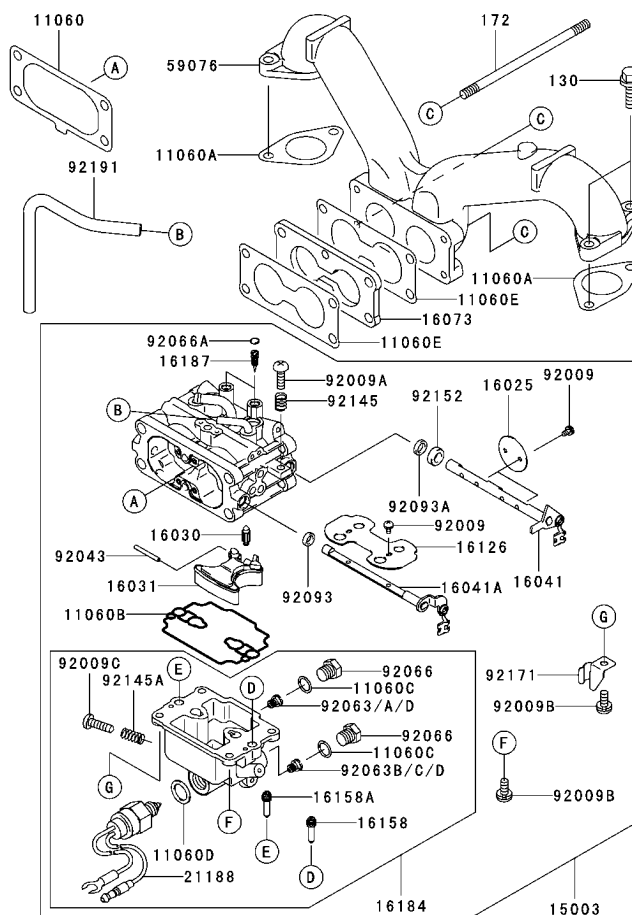
Electric Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
21066	21066-7006	1	Regulator-Voltage				
21171	21171-7007	2	Coil-ASM-Ignition				
21193	21193-7019	1	Flywheel-Assy				
26011	26011-7008	1	Wire-Lead				
26030	26030-7002	1	Harness				
27010	27010-7001	1	Switch				
59031	59031-7001	1	Coil-Charging				
92004	92004-7009	2	Stud				
92009	92009-2308	1	Screw				
92070	92070-7004	2	Plug-Spark,Bpr4Es(Ngk), Solid				
92072	92072-7003	2	Band				
92151	92151-2097	1	Bolt (12X30)				
92200	92200-7002	1	Washer				
130	130B0620	2	Bolt-Flanged				
224	224B0520	4	Screw-Pan				
311	311B0600	2	Nut-Hex				
510	510A5100	1	Key-Woodruff				



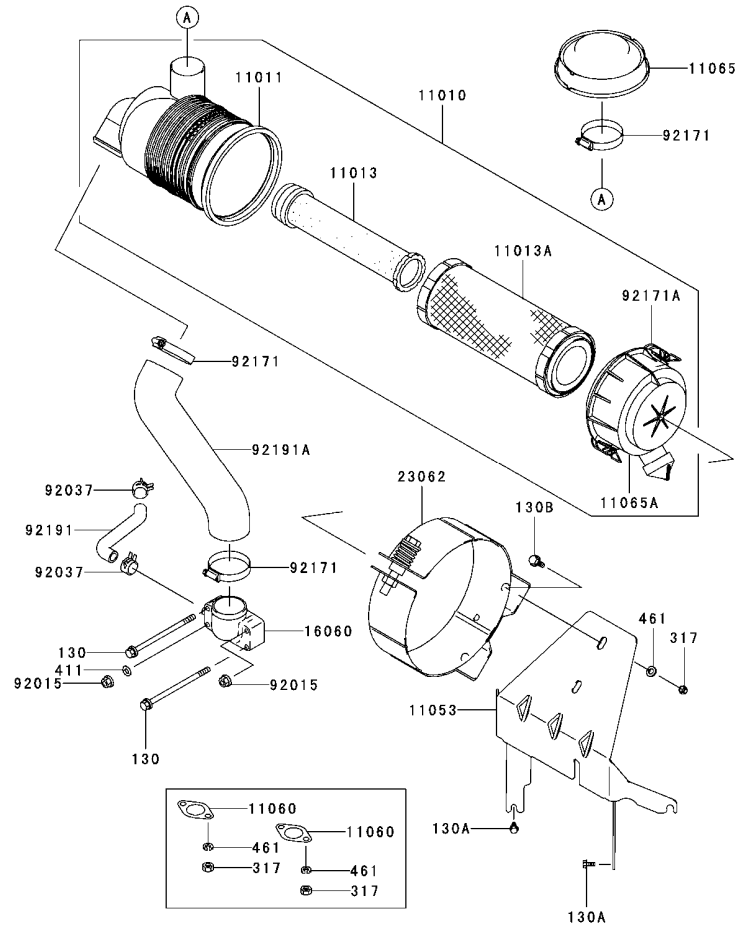
Control Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
②11051	11051-7008	1	Bracket				
②13107	13107-7013	1	Shaft				
②13271	13271-7018	1	Plate				
②16169	16169-7006	1	Link-Choke				
②16171	16171-7004	1	Link				
②39129	39129-7004	1	Spring-Governor				
②49103	49103-7004	1	Arm-Governor				
②49113	49113-7017	1	Panel-Comp-Control				
②92145	92145-7004	1	Spring				
②92145A	92145-7005	1	Spring				
②92145B	92145-7009	1	Spring				
②92150	92150-2182	2	Bolt (5X18)				
②92151	92151-7014	1	Bolt, 5X30				
②92153	92153-7005	1	Bolt (6X35)				
②92170	92170-7001	2	Clamp				
②130	130B0612	2	Bolt-Flanged				
②214	214B0408	2	Screw-Pan				
②214A	214B0412	1	Screw-Pan				
②214B	214B0510	1	Screw-Pan				
②311	311B0600	1	Nut-Hex				
②411	411b0600	1	Washer-Plain				



Carburetor Assembly Kawasaki FH680V-AS21

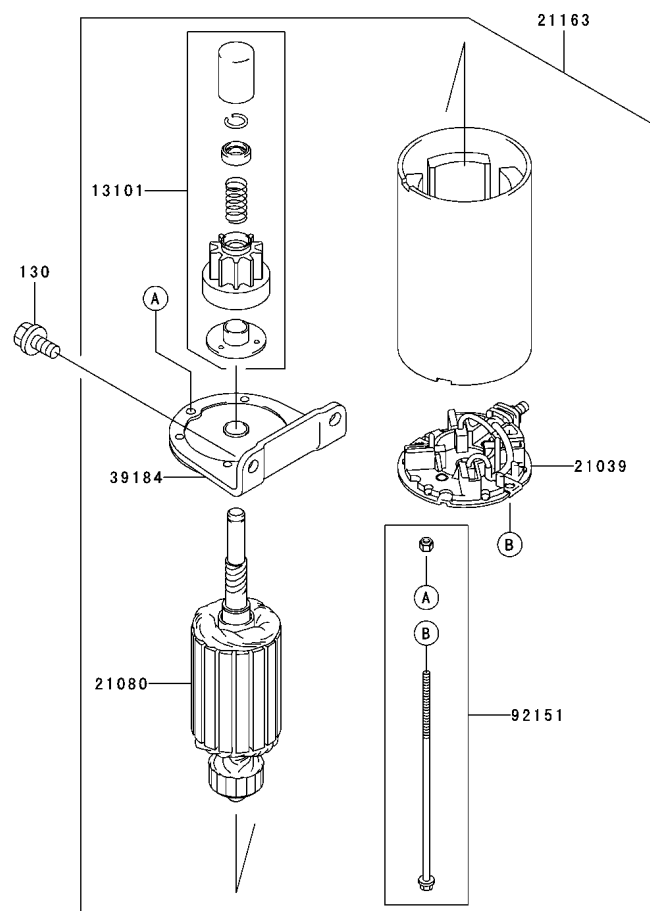
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②11060	11060-7009	1	Gasket, Air Filter	②92043	92043-7004	1	Pin-Float
②11060A	11060-7011	2	Gasket	②92063	92063-7017	1	Jet-Main, No.133
②11060B	11060-7018	1	Gasket, Float Chamber	②92063A	92063-7018	1	Jet-Main, No.130
②11060C	11060-7019	2	Gasket, Main Plug	②92063B	92063-7019	1	Jet-Main, No.139
②11060D	11060-7020	1	Gasket, Solenoid	②92063C	92063-7020	1	Jet-Main, No.134
②11060E	11060-7024	2	Gasket-Carburetor	②92063D	92063-7038	2	Jet-Main, No.114
②15003	15003-7073	1	Carburetor-Assy	②92066	92066-7008	2	Plug, Main Jet
②16025	16025-7003	2	Valve-Throttle	②92066A	92066-7009	2	Plug, Extension
②16030	16030-7002	1	Valve-Float	②92093	92093-7001	1	Seal
②16031	16031-7001	1	Float	②92093A	92093-7002	1	Seal
②16041	16041-7004	1	Shaft-Carburetor Throttle	②92145	92145-7010	1	Spring
②16041A	16041-7007	1	Shaft-Carburetor, Choke	②92145A	92145-7011	1	Spring
②16073	16073-7005	1	Insulator	②92152	92152-7001	1	Collar
②16126	16126-7004	1	Valve, Choke	②92171	92171-7001	1	Clamp
②16158	16158-7007	1	Jet-Slow, No.56	②92191	92191-7023	1	Tube
②16158A	16158-7008	1	Jet-Slow, No.42	②130	130B0620	4	Bolt-Flanged
②16184	16184-7010	1	Chamber-Assy-Float	②172	172G06105	2	Bolt-Stud
②16187	16187-7002	2	Needle-Jet				
②21188	21188-7001	1	Solenoid				
②59076	59076-7002	1	Manifold-Intake				
②92009	92009-7003	6	Screw				
②92009A	92009-7004	1	Screw				
②92009B	92009-7005	4	Screw				
②92009C	92009-7006	1	Screw, Drain				



Air Filter and Muffler Assembly

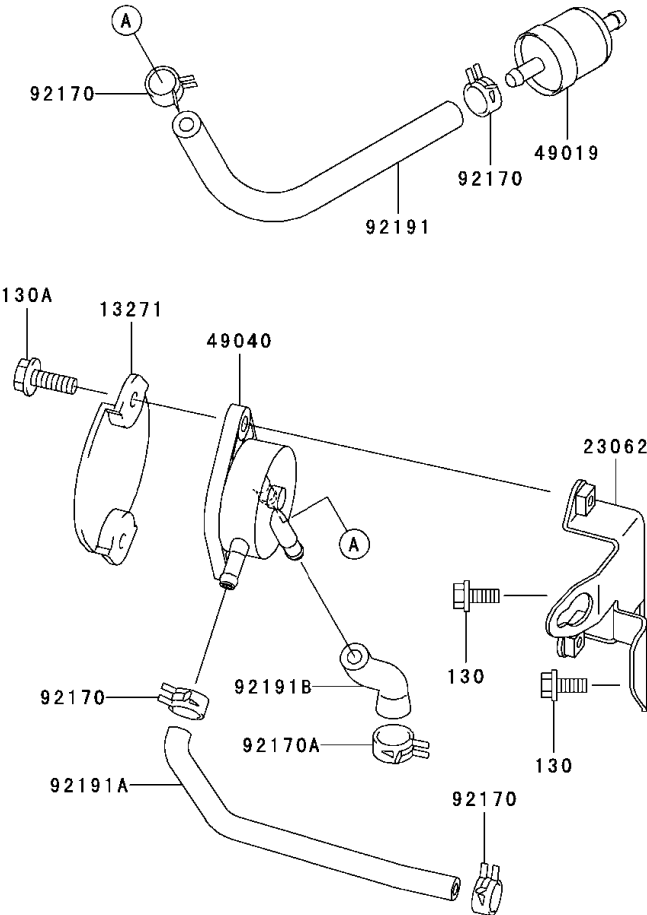
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
211010	11010-7004	1	Filter-Assy-Air				
211011	11011-7014	1	Case-Air Filter				
211013	11013-7019	1	Element-Air Filter				
211013A	11013-7020	1	Element-Air Filter				
211060	11060-7016	2	Gasket, Muffler				
211065	11065-7006	1	Cap				
211065A	11065-7008	1	Cap				
216060	16060-7005	1	Pipe-Intake				
292015	92015-1193	2	Nut				
292037	92037-2079	2	Clamp				
292171	92171-7007	3	Clamp				
292171A	92171-7009	2	Clamp				
292191	92191-7006	1	Tube				
292191A	92191-7028	1	Tube				
2130	130B06105	2	Bolt-Flanged				
2130A	130B0612	2	Bolt-Flanged				
2130B	130B0816	2	Bolt-Flanged				
2317	317R0800	6	Nut-Hex, Small				
2411	411b0600	1	Washer-Plain				
2461	461F0800	6	Washer-Spring				



Starter Assembly Kawasaki FH680V-AS21

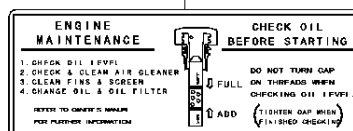
Ref	Part No.	Qty.	Description				
②13101	13101-7001	1	Gear ASM				
②21039	21039-7001	1	Brush				
②21080	21080-7001	1	Armature				
②21163	21163-7001	1	Starter-Electric				
②39184	39184-7001	1	Bracket ASM				
②92151	92151-7013	1	Bolt				
②130	130B0816	2	Bolt-Flanged				



Fuel Tank / Fuel Valve Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
②13271	13271-7004	1	Plate				
②23062	23062-7004-9H	1	Bracket-Complete				
②49019	49019-7001	1	Filter-Fuel				
②49040	49040-7001	1	Pump-Fuel				
②92170	92170-2088	4	Clamp				
②92170A	92170-7003	1	Clamp				
②92191	92191-7003	1	Tube (6.35X12.7X160)				
②92191A	92191-7017	1	Tube				
②92191B	92191-7027	1	Tube				
②130	130B0616	2	Bolt-Flanged				
②130A	130B0620	2	Bolt-Flanged				

56033



56080



Decal Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
②56033	56033-7002	1	Label-Manual
②56080	56080-7009	1	Decal-Brand

Attachments and Accessories

For 74416TE - Z453 Z Master, With 132cm TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Blade-Recycler	105-7779-03
Blade-Hi Flow	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
Boot and Tube Kit	78492
DFS Vac Collection System	78500
Hitch kit	99-8924

NOTES

