



Z450 Z Master[®] **With 132cm TURBO FORCE[®] Side Discharge Mower**

Model No. 74416TE - 280000001 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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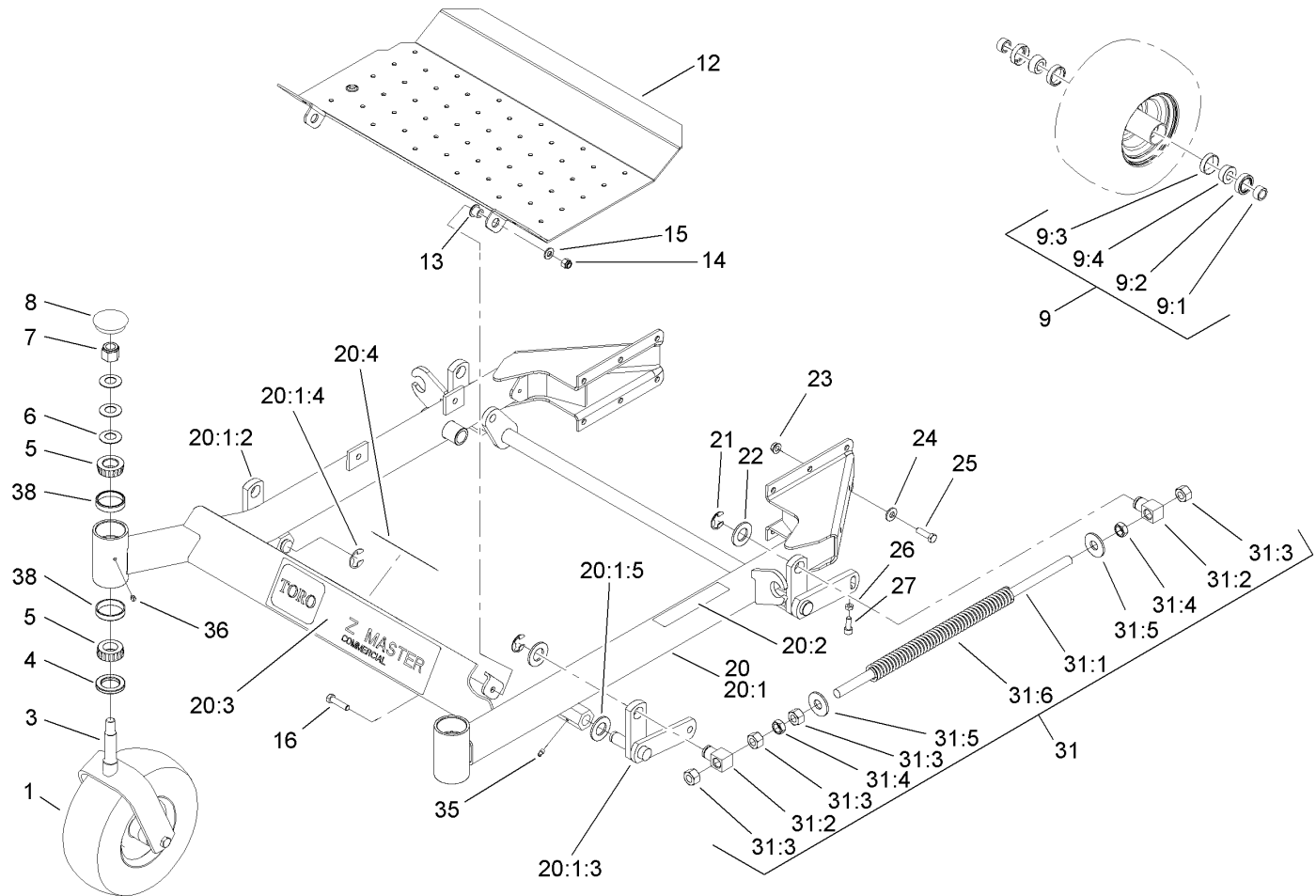
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

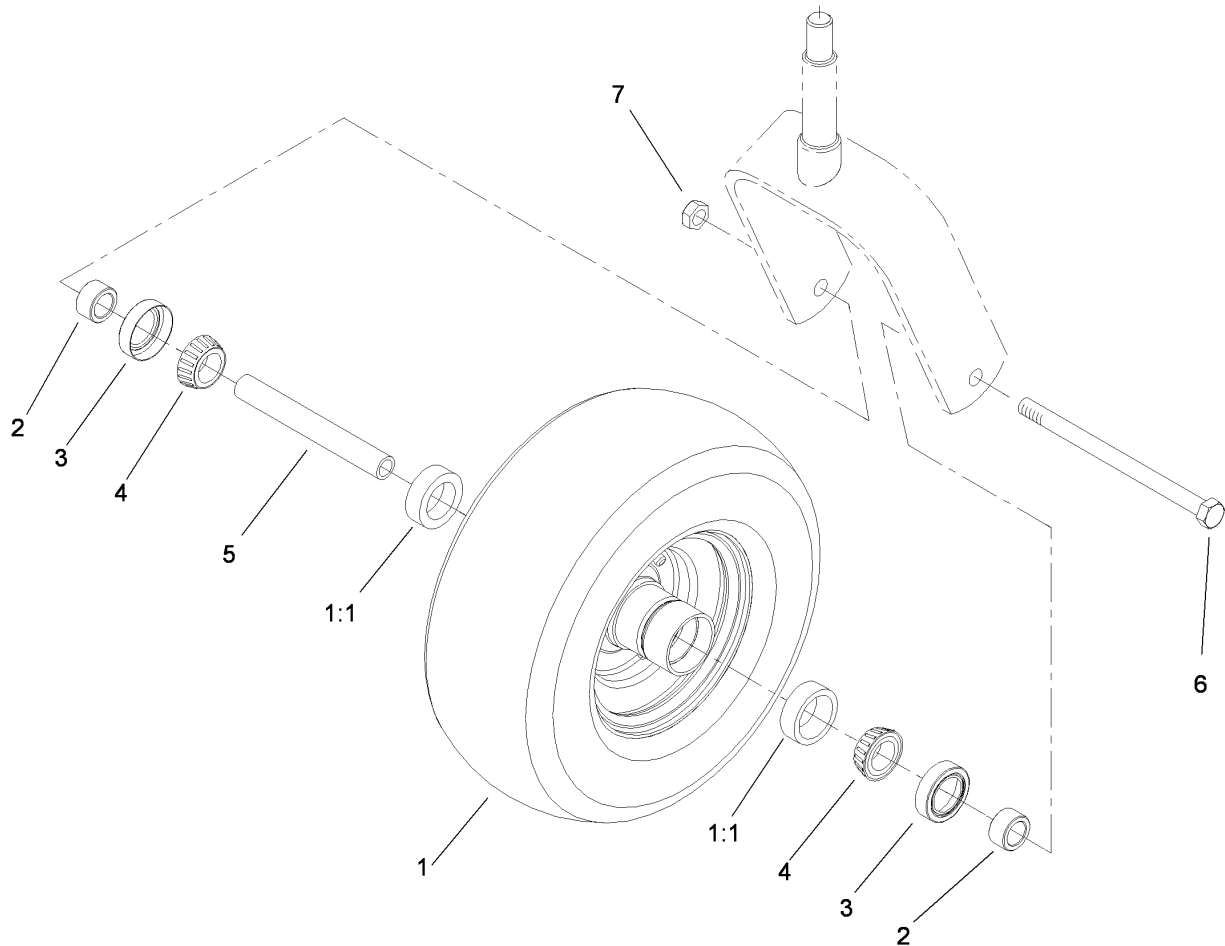
- | | |
|----------------------|--|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Optional Equipment | ❹ Obtain from your local Kawasaki dealer |



Front Frame Assembly

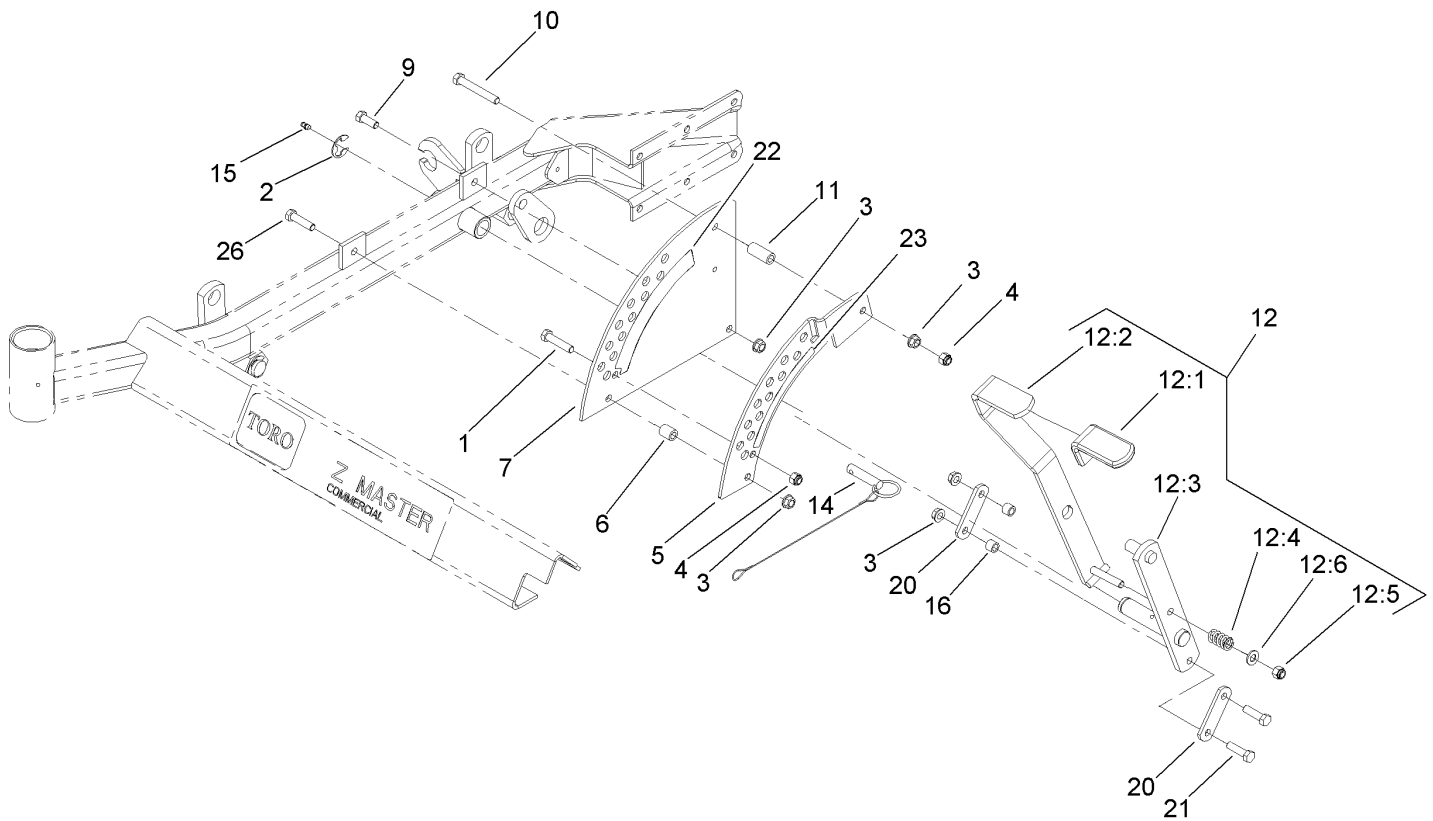
Ref	Part No.	Qty.	Description
1	110-5745	2	Semi Pnuematic Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	103-4882	2	Cap-Grease
9	110-8837	1	Caster Wheel Bearing Kit
9:1	1-633581	2	Spacer-Bearing
9:2	1-633580	2	Seal-Bearing
9:3	1-633584	2	Bearing-Cup
9:4	1-633585	2	Bearing-Cone, Taper
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	108-5042	1	Front Frame ASM
20:1		1	Frame-Front
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-Retaining, EXT
20:1:5	3256-29	2	Washer-Flat
20:2	107-2132	1	Decal-Warning

Ref	Part No.	Qty.	Description
20:3	106-7451	1	Decal
20:4	107-1866	1	Decal-Danger, Slope
21	32151-103	4	Ring-Retaining, EXT
22	3256-29	4	Washer-Flat
23	3290-357	12	Nut-HHF, Whiz
24	98-5975	12	Washer-Belleville
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. 110-5745

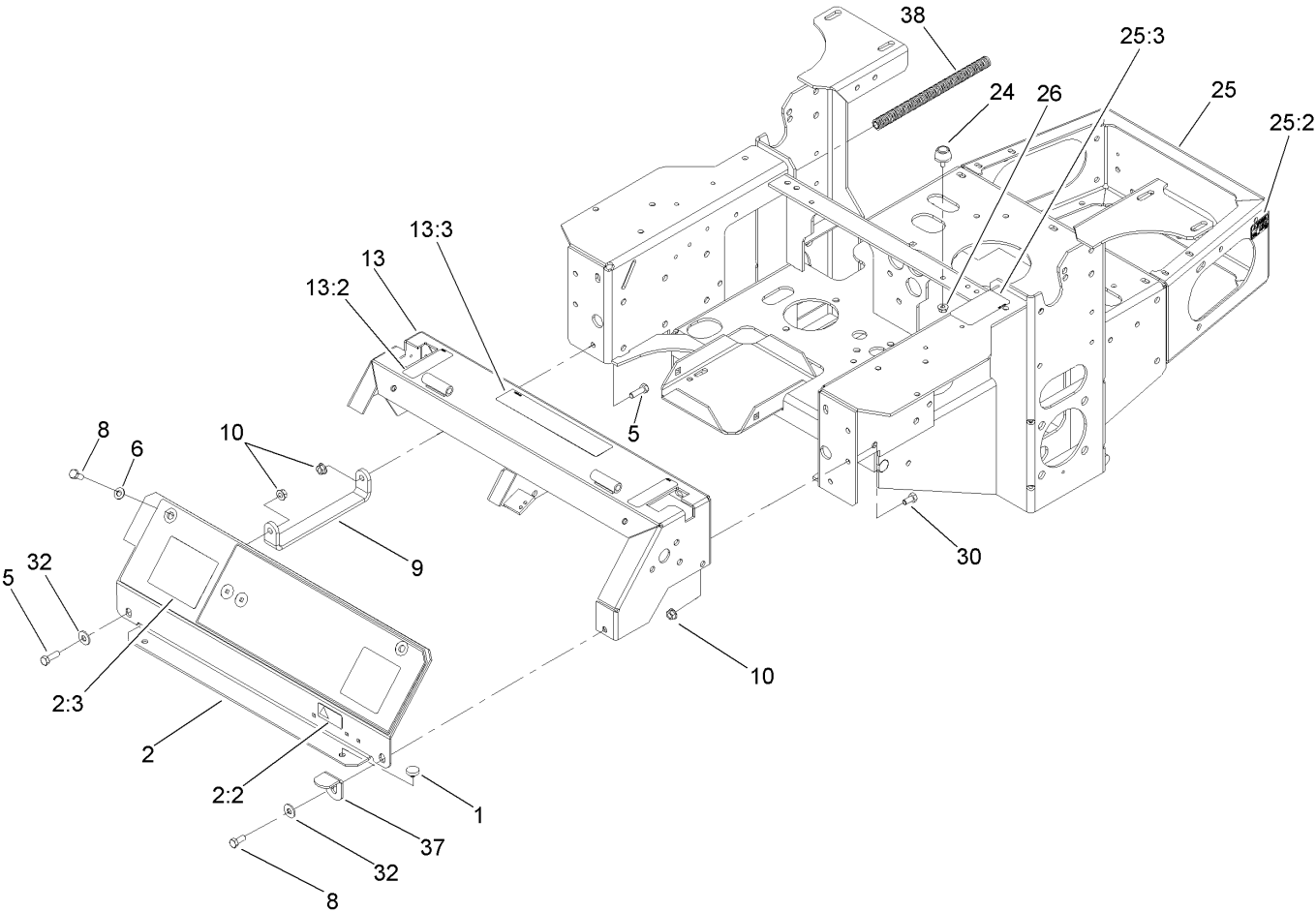
Ref	Part No.	Qty.	Description				
1	110-5743	1	Wheel And Tire ASM (Semi-Pneumatic)				
1:1	1-633584	1	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock, NI				



Height-of-Cut Assembly

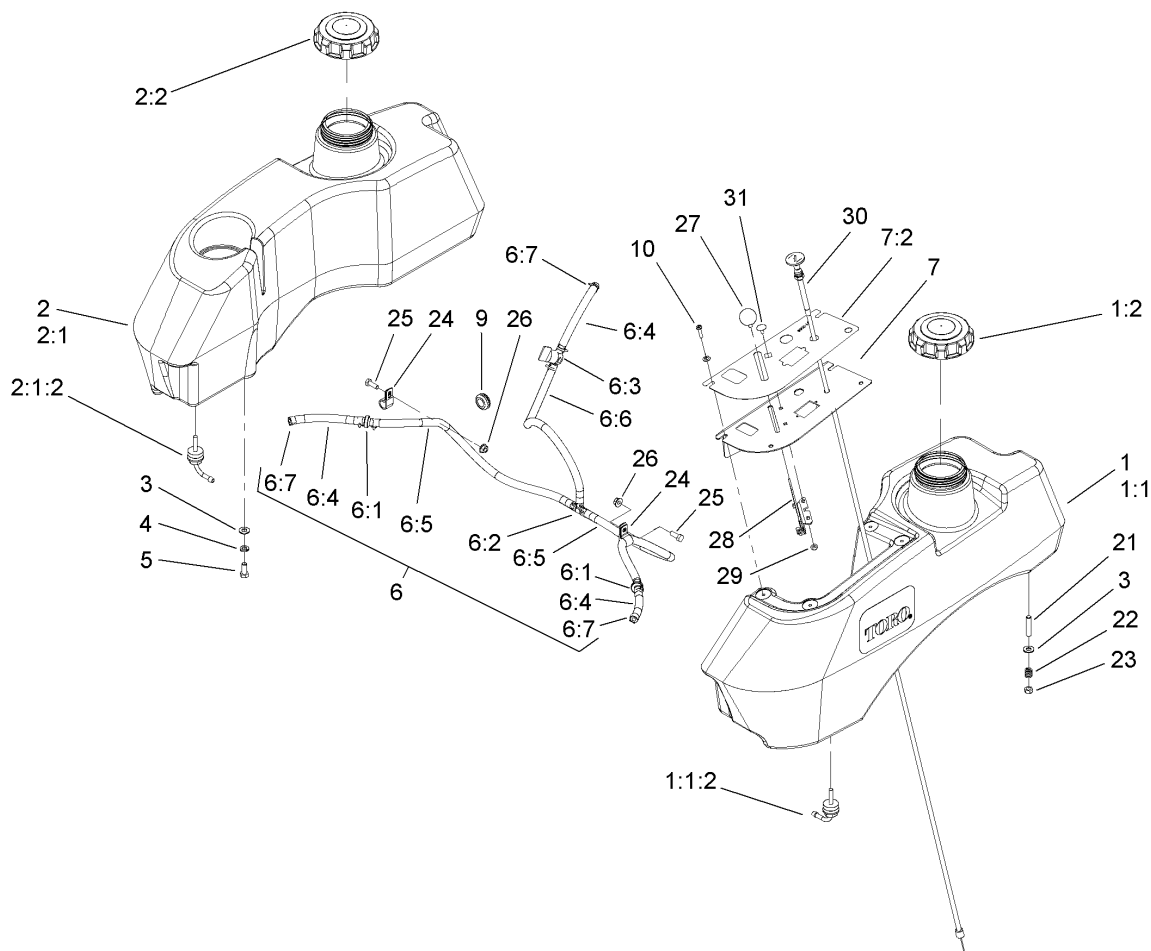
Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Retaining, EXT
3	3290-357	5	Nut-HHF, Whiz
4	3296-39	2	Nut-Lock, NI
5	108-7755-01	1	Plate-Lift, Deck
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	1-633082	1	Bushing-Lever, Lift
12	110-5870	1	Deck Lift Handle ASM
12:1	1-633295	1	Grip-Lever, Lift
12:2	103-2078	1	Handle-Lift
12:3	106-6598	1	Lift Arm ASM
12:4	1-633325	1	Spring-Compression
12:5	3296-39	1	Nut-Lock, NI
12:6	3256-24	1	Washer-Flat
14	106-9951	1	Hitch Pin ASM
15	302-19	1	Fitting-Grease
16	103-1918	2	Bushing
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

Ref	Part No.	Qty.	Description
26	323-8	1	Screw-HH



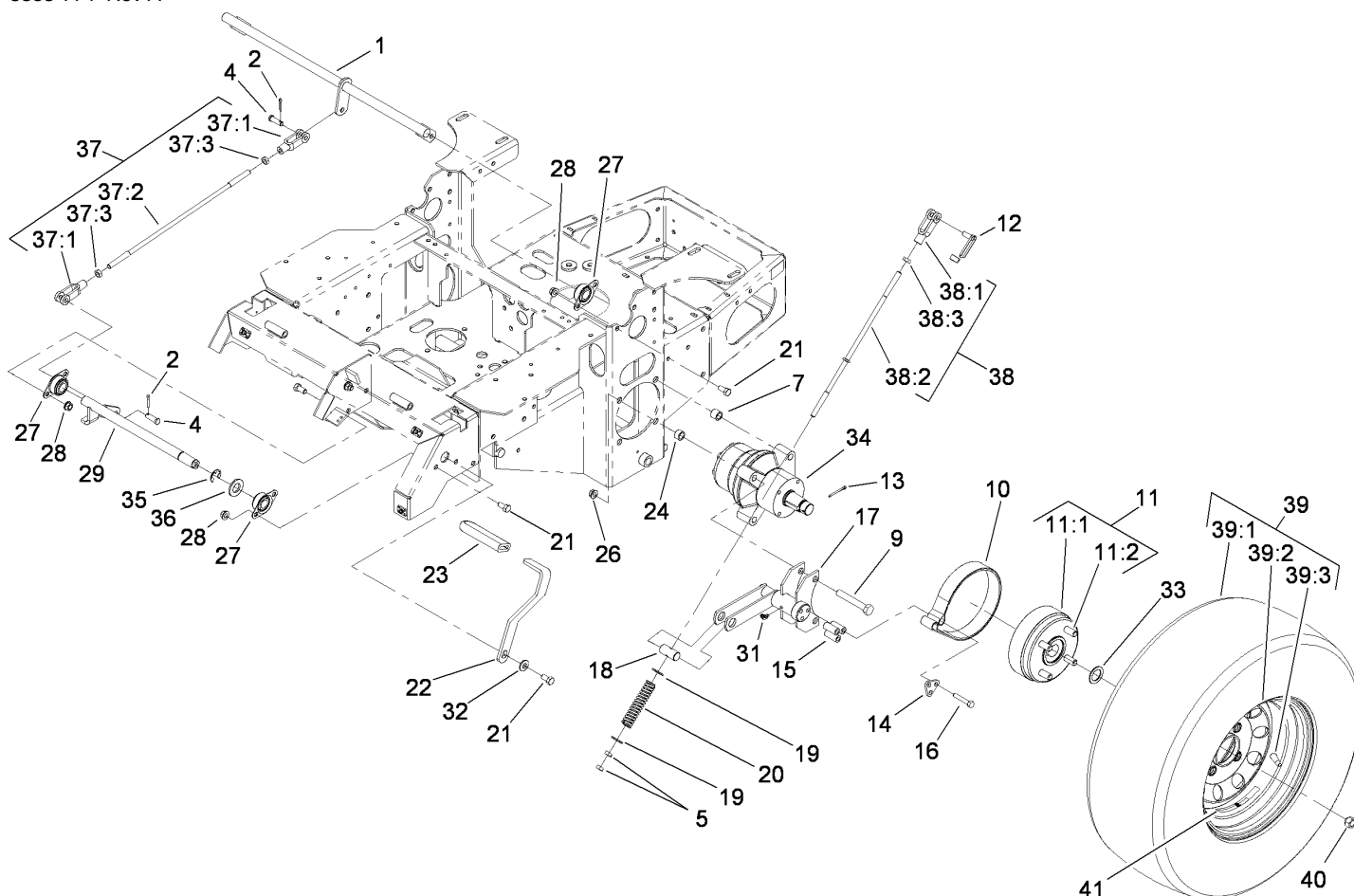
Main Frame Assembly

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	103-7935-03	1	Bracket-Panel, Instrument				
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	109-2365	2	Bumper-Rubber (W/Stud)				
25	112-9008	1	Main Frame ASM (W/ Decals Ce)				
25:2	106-5517	2	Decal-Surface, Hot				
25:3	105-6183	1	Decal-Release, Drive				
26	32128-33	2	Nut-HF				
30	322-2	4	Screw-HH				
32	3256-3	2	Washer-Flat				
37	99-8947-03	1	Stop-Cover				
38	24-7922	2	Cover-Shaft, Drive				



Fuel System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-4165	1	LH Fuel Tank Service Kit	22	1-633349	4	Spring-Tank, Fuel
②1:1		1	LH Fuel Tank ASM	23	3296-47	4	Nut-Lock, NI
1:1:2	103-2605	1	Fitting-Fuel, Bulkhead	24	1-513762	2	Clip-Loom
1:2	109-0346	1	Cap-Fuel, Gas	25	321-4	2	Screw-HH
2	105-3639	1	RH Fuel Tank Service Kit	26	32128-33	2	Nut-HF
②2:1		1	RH Fuel Tank ASM	27	1-513592	1	Knob-Ball
2:1:2	103-2605	1	Fitting-Fuel, Bulkhead	28	1-633696	1	Throttle Cable ASM
2:2	109-0346	1	Cap-Fuel, Gas	29	3296-2	2	Nut-Lock
3	3256-23	8	Washer-Flat	30	106-9962	1	Control-Choke, Push / Pull
4	1-805005	4	Washer-Lock	31	1-807513	2	Bolt-CARR
5	322-3	4	Screw-HH				
②6		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	109-0678	3	Hose-Fuel				
6:5	110-5701	2	Hose-Fuel				
6:6	109-0297	1	Hose-Fuel				
6:7	1-303077	12	Clamp				
7	107-2149	1	Control Panel ASM				
7:2	110-0439	1	Decal-Panel, Control				
9	1-543296	2	Grommet				
10	109-2661	4	Screw-PPH				
21	1-633023	4	Stud				



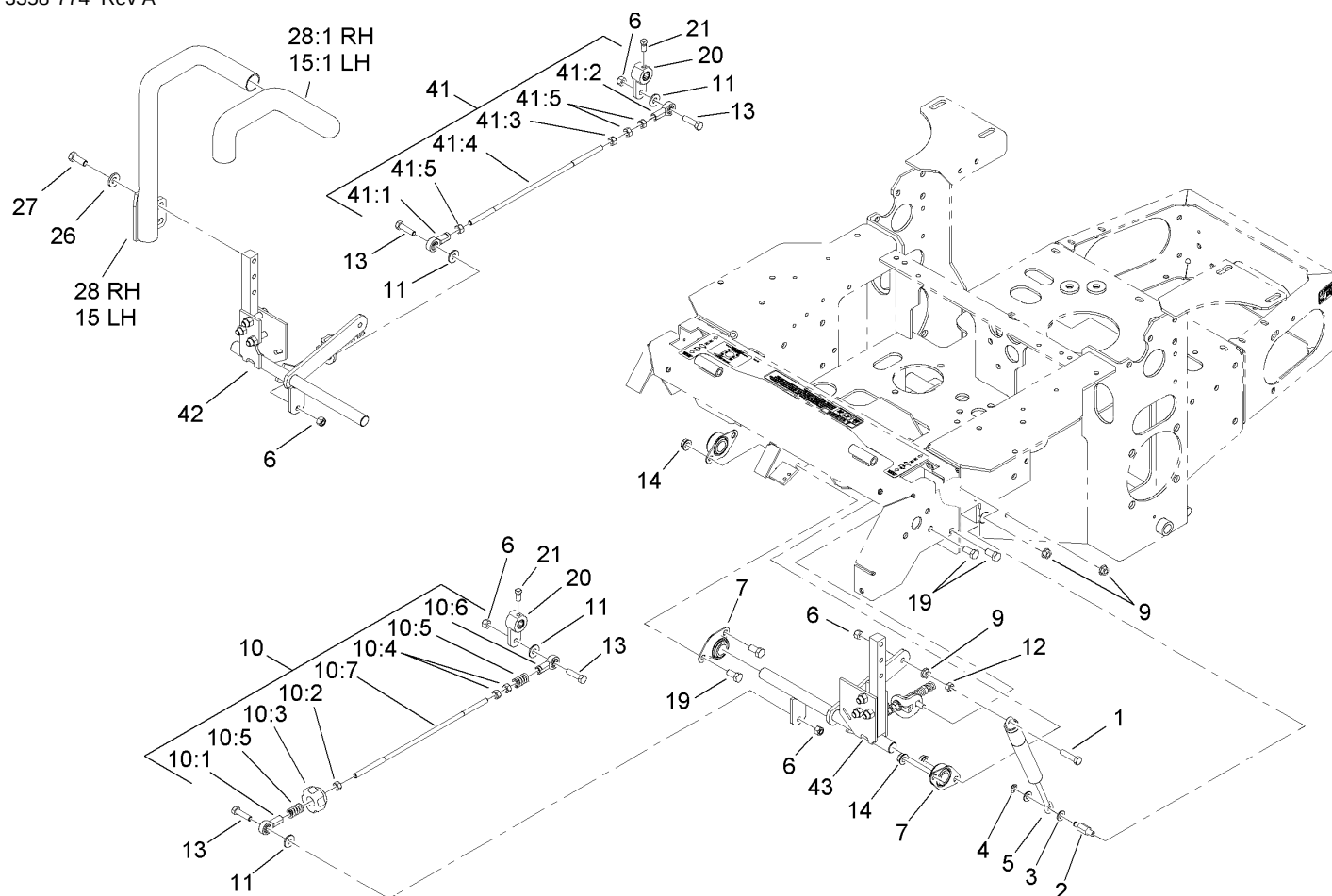
Parking Brake Assembly

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
26	32128-49	8	Nut-HHF

Ref	Part No.	Qty.	Description
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF, Whiz
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
34:1	109-5965	1	Wheel Motor Seal Kit
34:2	109-5966	1	Wheel Motor Seal Kit
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



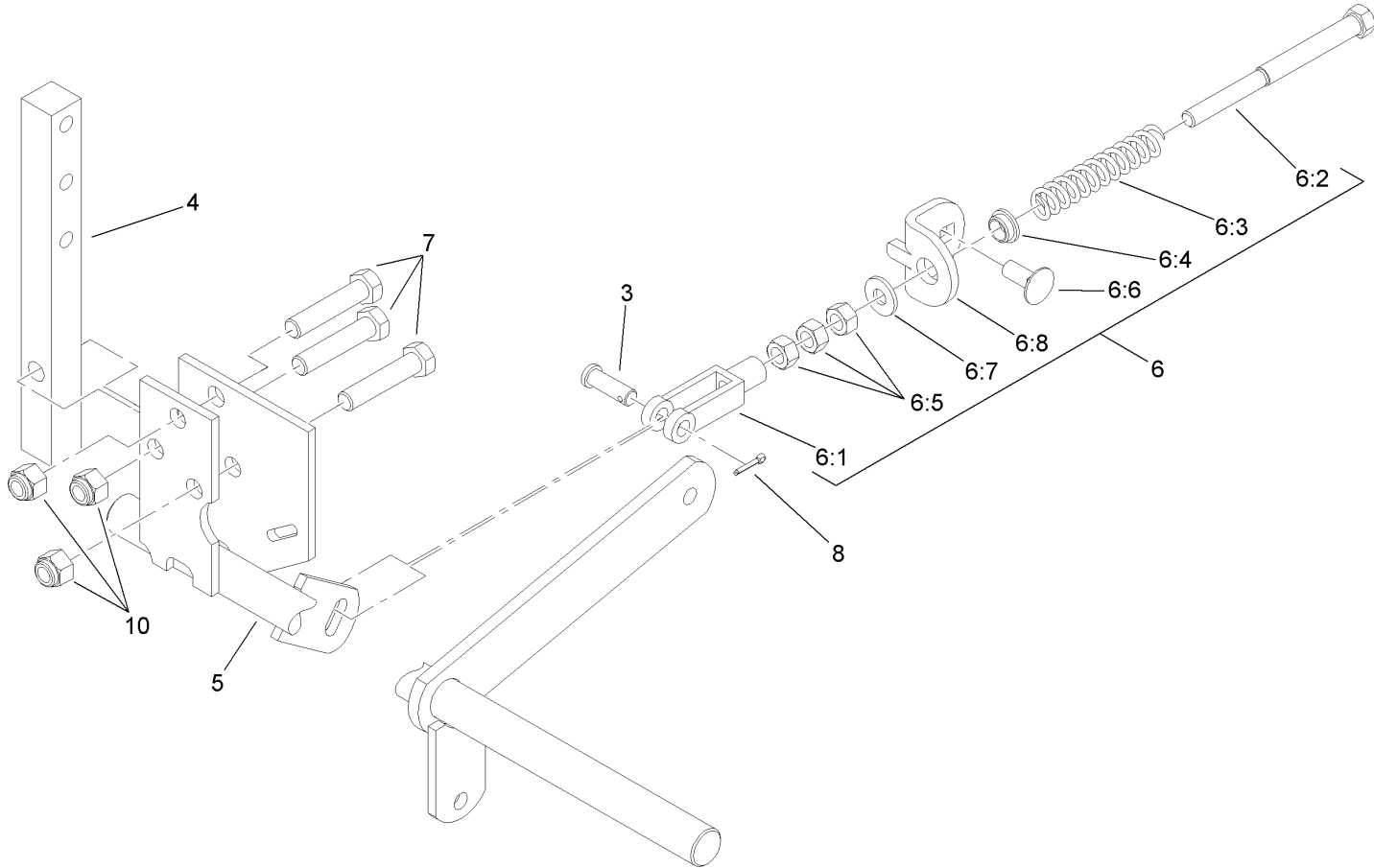
Ref	Part No.	Qty.	Description
41	109-7949	2	Decal-Wheel Hub, Slotted Nut



Motion Control Assembly

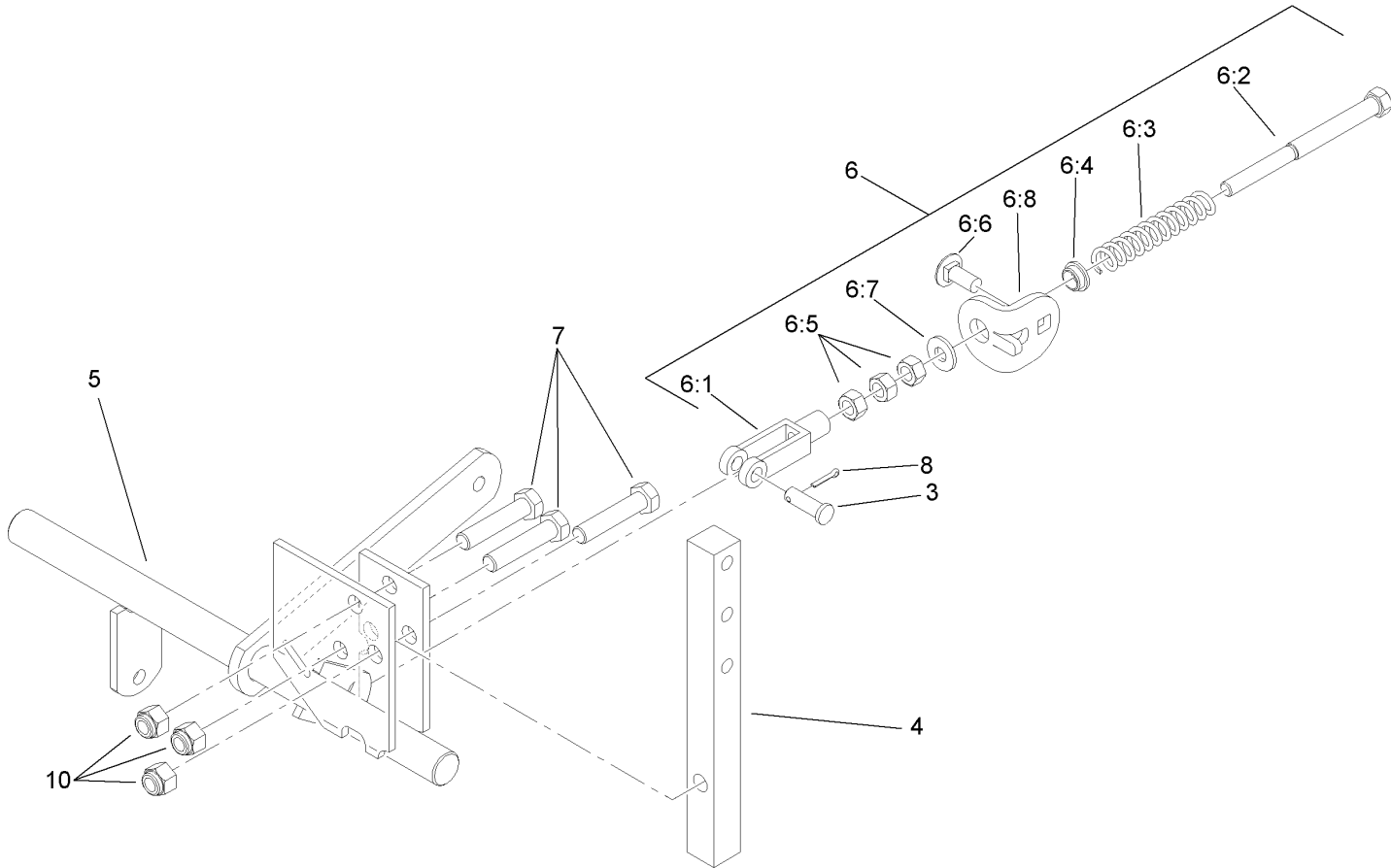
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	109-2339	2	Damper-Control, Motion
6	3296-29	6	Nut-Lock, NI
7	1-633102	4	Bearing-Flange, Side
9	32128-20	10	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH
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-LH
10:7	103-3066	1	Link-Rod, Tracking
11	3256-3	4	Washer-Flat
12	3217-6	2	Nut-Hex
13	322-6	4	Screw-HH
14	3290-357	6	Nut-HHF, Whiz
15	108-7238	1	LH Lever ASM
15:1	106-9987	1	Grip-Control, Motion
19	323-4	6	Screw-HH
20	103-3717	2	Arm-Control

Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
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
41	103-4327	1	Tracking ASM
41:1	1-543017	1	Balljoint-RH
41:2	1-633152	1	Balljoint-LH
41:3	1-804524	1	Nut
41:4	103-3066	1	Link-Rod, Tracking
41:5	3219-2	3	Nut-Hex
42	109-3911	1	RH Motion Control ASM
43	109-3912	1	LH Motion Control ASM



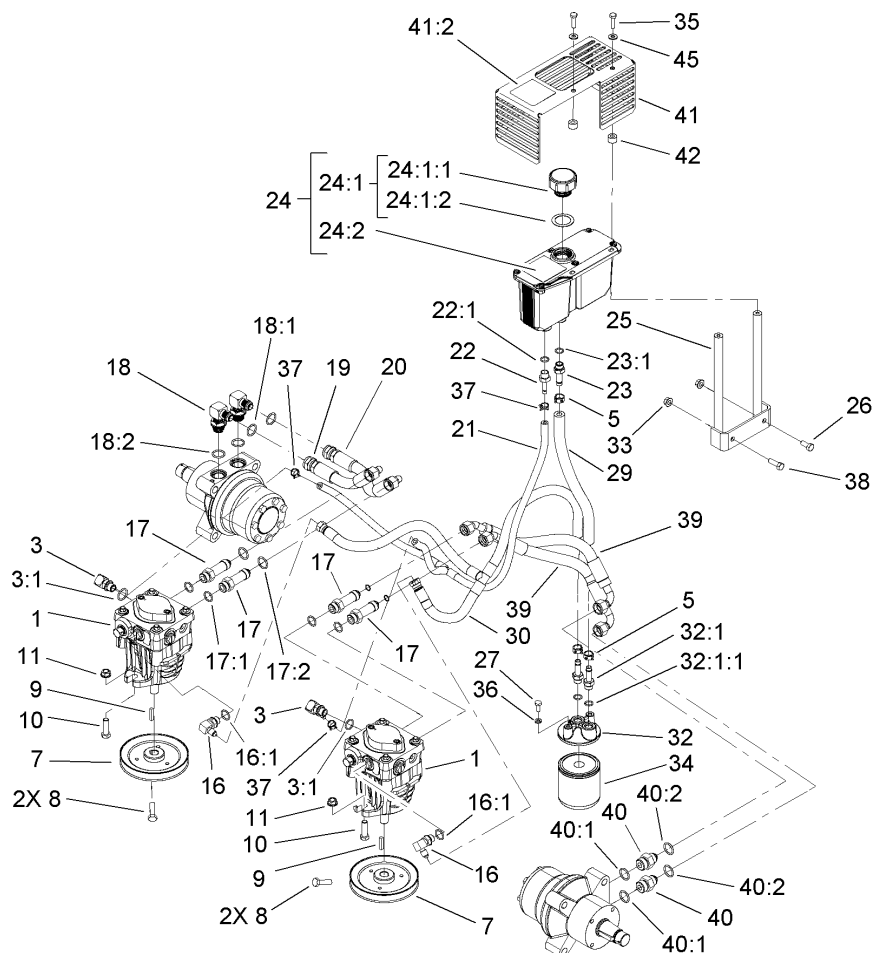
RH Motion Control Assembly No. 109-3911

Ref	Part No.	Qty.	Description				
3	1-808280	1	Pin-Clevis				
4	103-0407	1	Arm-Shaft, Control				
5	103-4773	1	Control-Motion, RH				
6	109-3903	1	Neutral Return ASM				
6:1	1-303105	1	Yoke-Adjustable				
6:2	1-603737	1	Bolt-Return, Neutral				
6:3	1-603807	1	Spring-Return, Neutral				
6:4	109-3769	1	Bushing-Nylon, Flanged				
6:5	3219-2	3	Nut-Hex				
6:6	3230-23	1	Screw-CARR				
6:7	3256-2	1	Washer-Flat				
6:8	109-3908	1	Tab-Adjustment				
7	323-9	3	Screw-HH				
8	3272-5	1	Pin-Cotter				
10	3296-39	3	Nut-Lock, NI				



LH Motion Control Assembly No. 109-3912

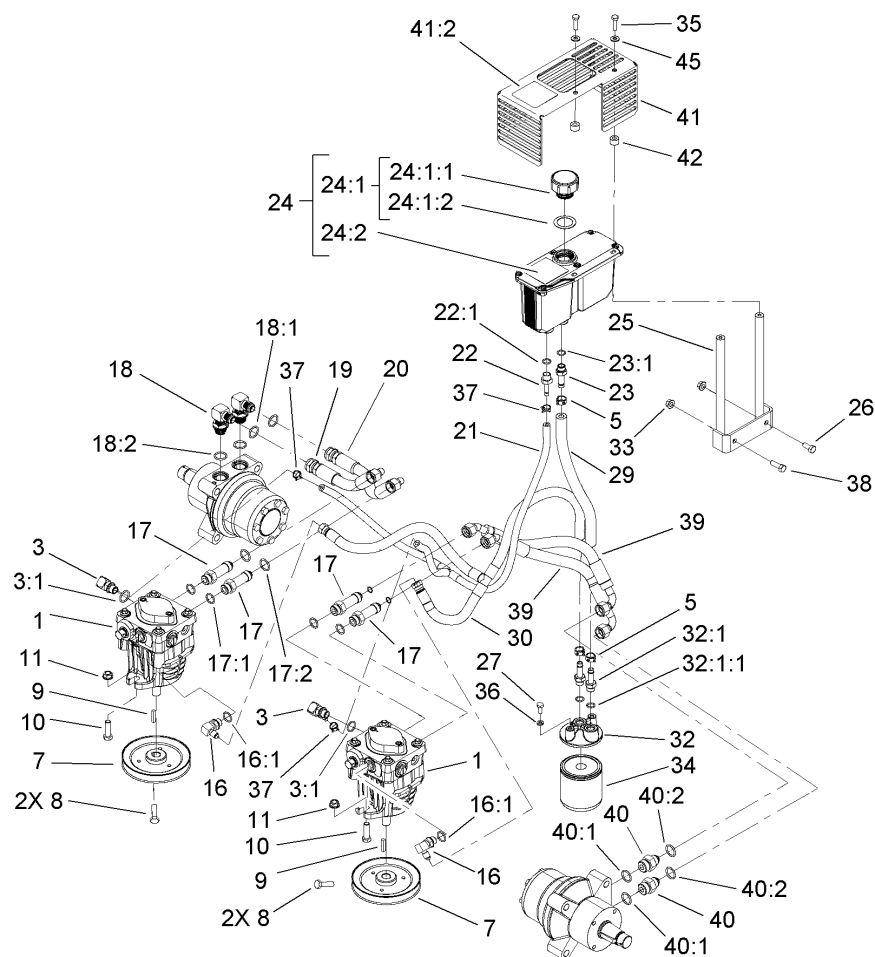
Ref	Part No.	Qty.	Description				
3	1-808280	1	Pin-Clevis				
4	103-0407	1	Arm-Shaft, Control				
5	103-4774	1	Control-Motion, LH				
6	109-3903	1	Neutral Return ASM				
6:1	1-303105	1	Yoke-Adjustable				
6:2	1-603737	1	Bolt-Return, Neutral				
6:3	1-603807	1	Spring-Return, Neutral				
6:4	109-3769	1	Bushing-Nylon, Flanged				
6:5	3219-2	3	Nut-Hex				
6:6	3230-23	1	Screw-CARR				
6:7	3256-2	1	Washer-Flat				
6:8	109-3908	1	Tab-Adjustment				
7	323-9	3	Screw-HH				
8	3272-5	1	Pin-Cotter				
10	3296-39	3	Nut-Lock, NI				



Hydraulic System Assembly

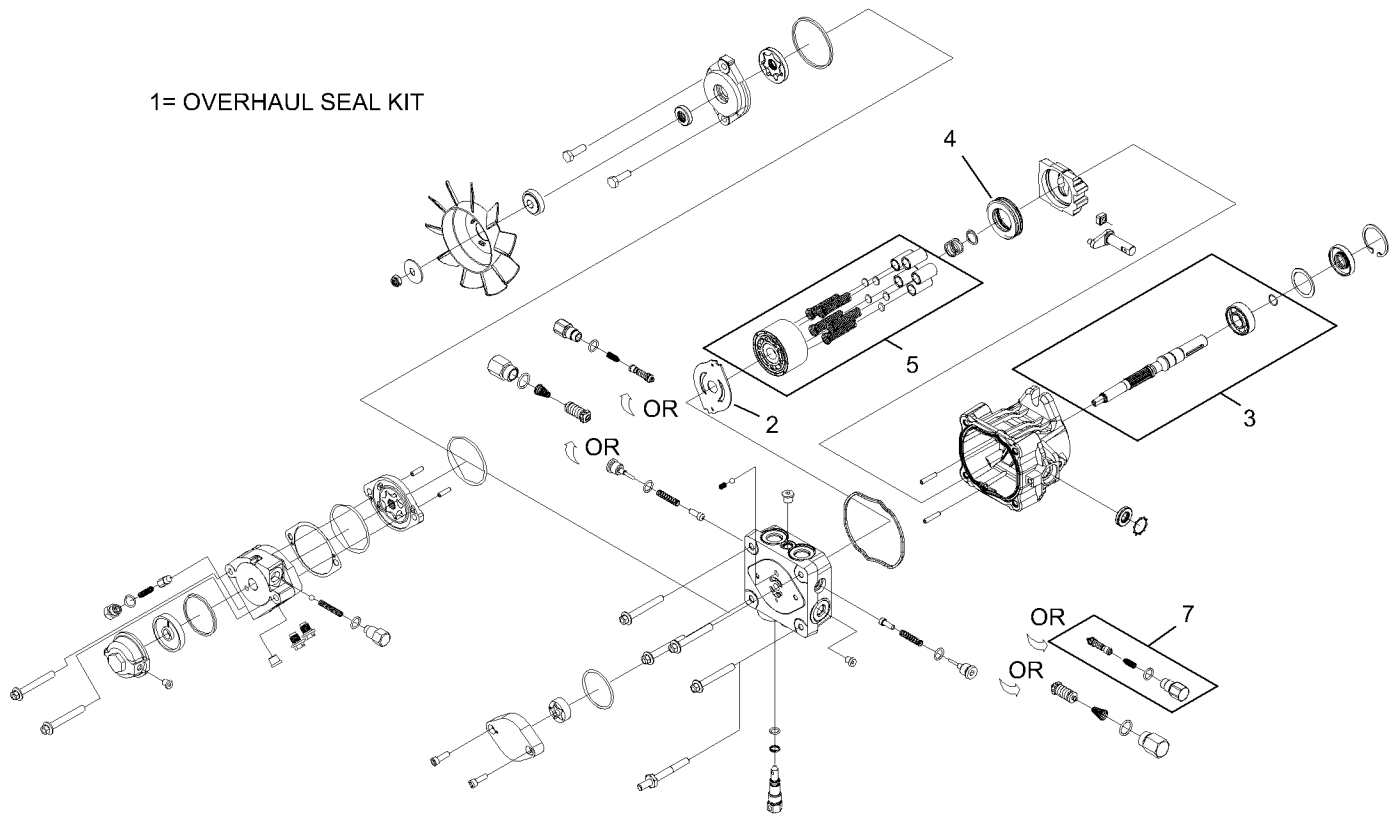
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF, Whiz
16	103-1802	2	Fitting-HYD, 90 DEG
16:1	1-603921	1	O-Ring
17	103-1940	4	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	1-633750	1	Filter-Oil, HYD
34	1-633752	1	Filter-HYD, Winter
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



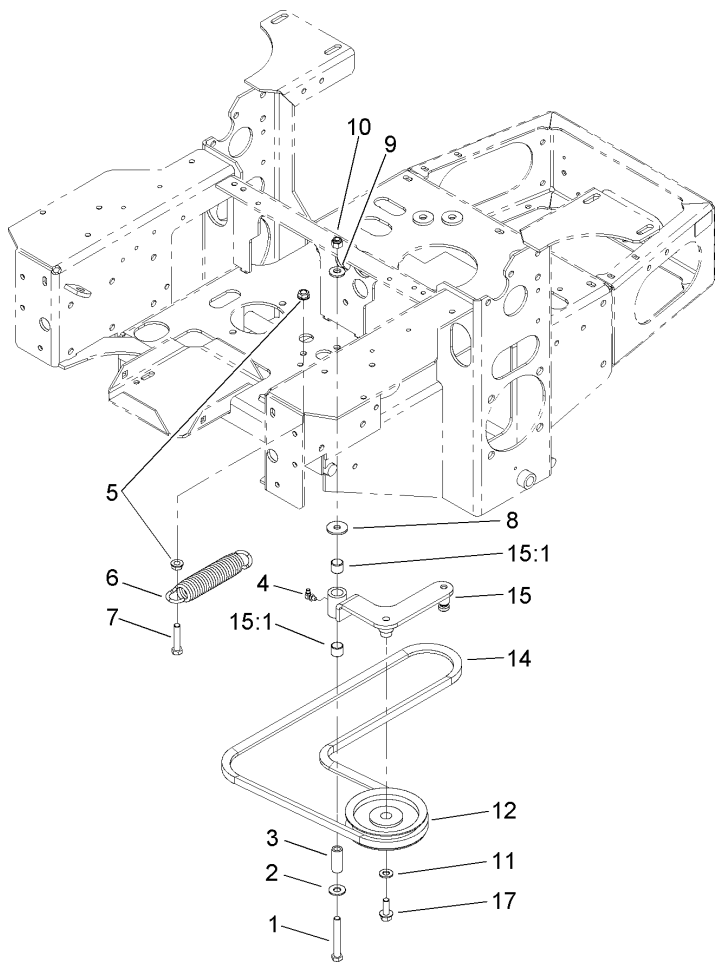
Hydraulic System Assembly (continued)

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



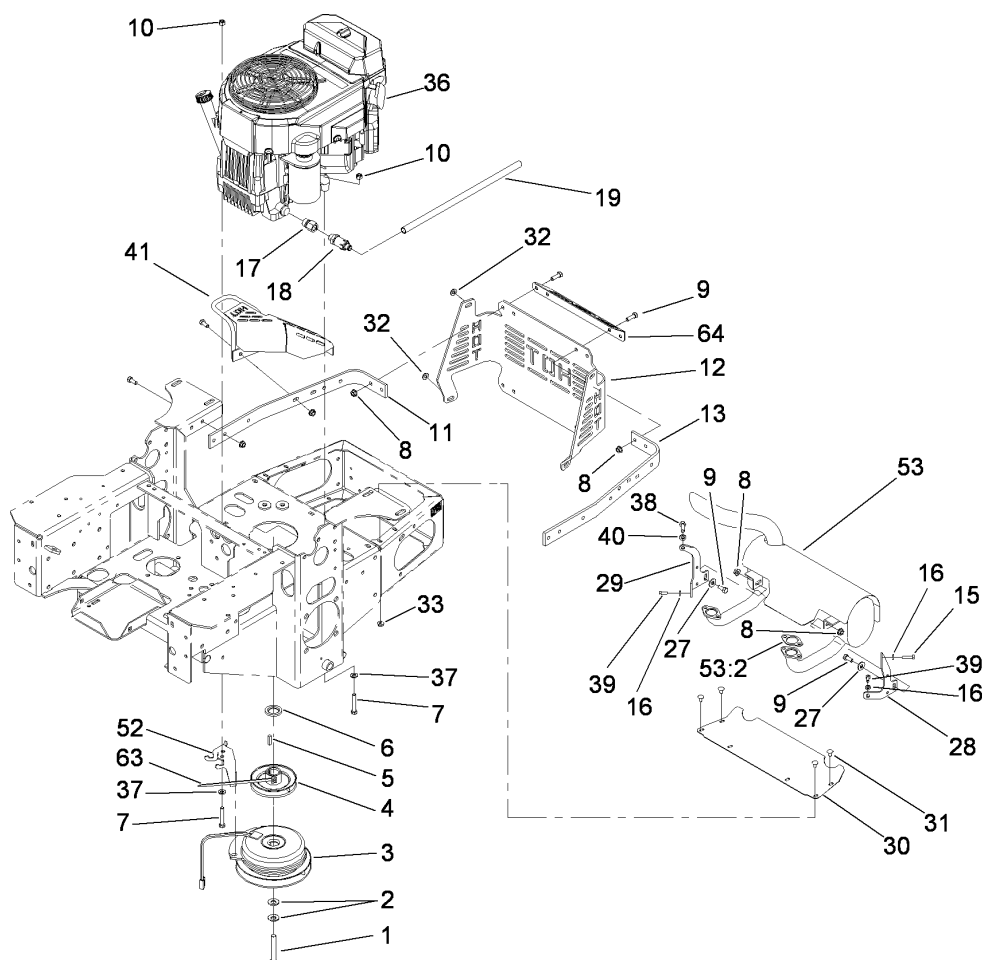
Hydraulic Pump Assembly No. 103-1942

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

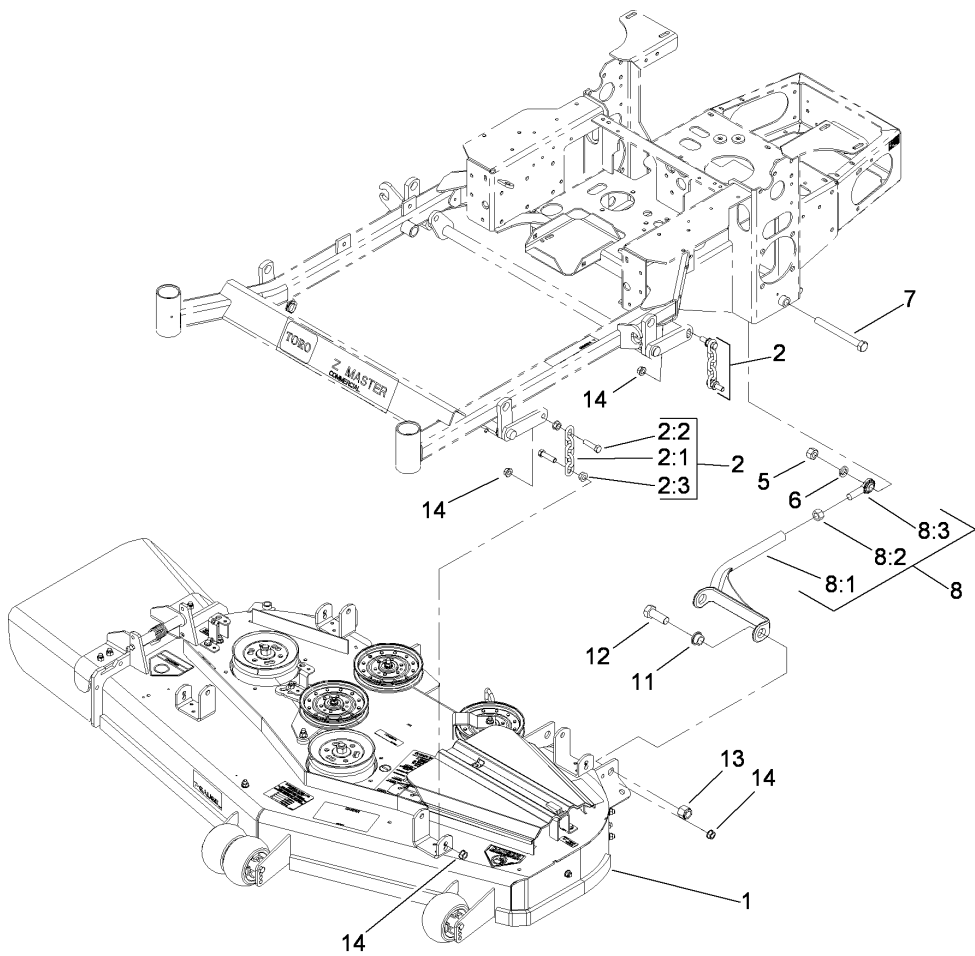
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF, Whiz				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock,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

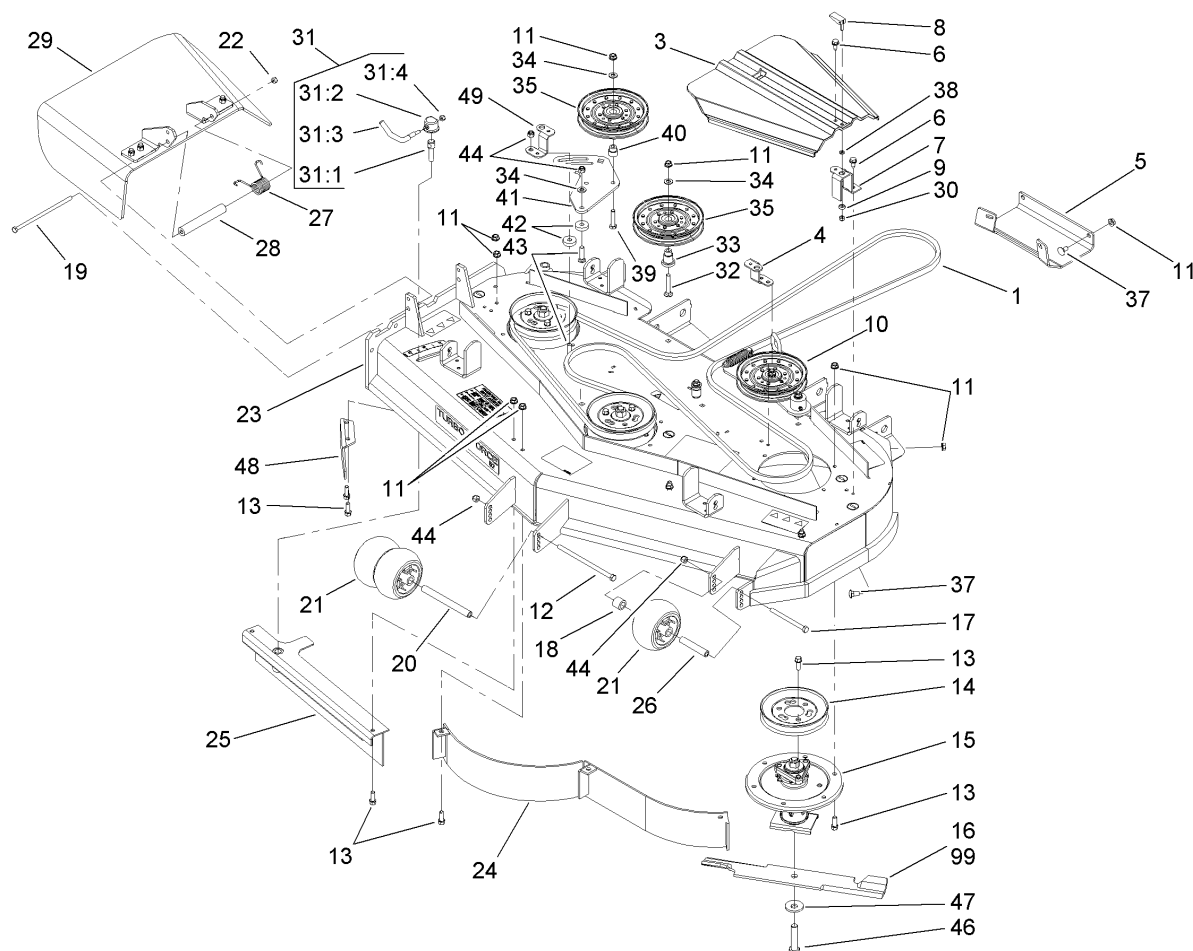
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	109-2916	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-10	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-5	23	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
12	103-3219-03	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	92-6877	1	Valve-Drain, Oil
19	106-7022	1	Tube-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

Ref	Part No.	Qty.	Description
33	32128-33	4	Nut-HF
36		1	Engine-Kawasaki, FH680V-Ds21
37	1-303334	4	Washer-Spring
38	33114-025	1	Screw-HH
39	33113-016	2	Screw-HH
40	1-805005	1	Washer-Lock
41	103-3218-03	1	Guard-Tailpipe
52	109-7070-03	1	Anchor-Clutch
53	103-3427	1	Muffler Kit
53:2	1-653313	2	Gasket-Exhaust
63	1-303335	1	Tie-Plastic
64	115-3863-03	1	Guard-Muffler



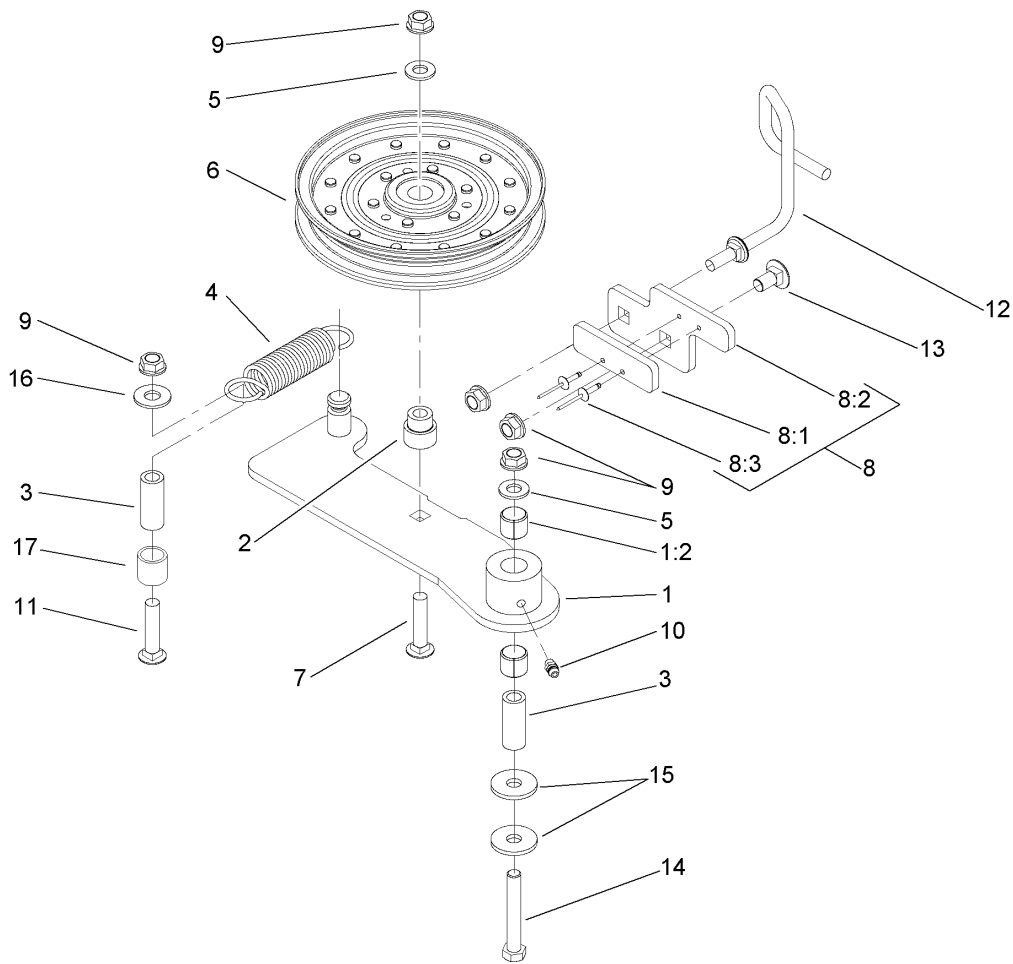
Deck Connection Assembly

Ref	Part No.	Qty.	Description				
②1		1	Deck ASM				
2	103-9792	4	Deck Chain ASM				
2:1	1-633447	1	Chain-Lift, Deck				
2:2	103-1898	2	Screw-HH				
2:3	32128-37	2	Nut-HF				
5	3217-11	2	Nut-Hex				
6	3253-8	2	Washer-Lock				
7	1-800344	2	Screw				
8	108-7768	2	Strut ASM				
8:1	108-7753-03	1	Strut-Deck				
8:2	3219-6	1	Nut-Hex				
8:3	1-633029	1	Balljoint-Spherical				
11	93-2877	4	Bushing				
12	328-24	4	Screw-HH				
13	3296-51	4	Nut-Lock, NI				
14	32128-37	8	Nut-HF				



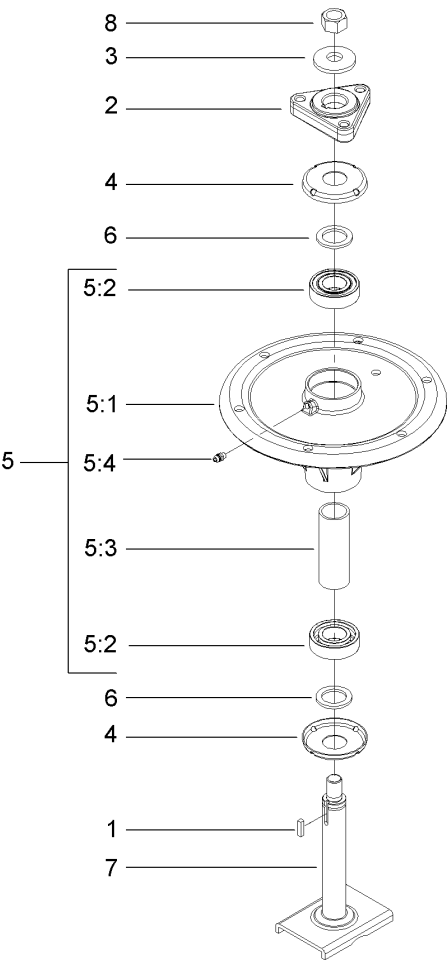
Deck Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-7369	1	Belt-V	26	98-7912	1	Tube-Spanner
3	107-8536	2	Cover-Belt	27	108-4052	1	Spring-Torsion
4	108-2177-01	1	Bracket-Cover, Tall	28	105-4622	1	Spacer
5	106-7358-01	1	Plate-Skid	29	108-2792	1	Rubber Deflector ASM
6	32144-70	6	Screw-HWHTF	30	1-804254	2	Nut
7	108-4121-01	2	Bracket-Cover	31	107-1664	1	Lever ASM
8	106-6777	2	Handle-Latch, Swell	31:1	106-3239	1	Screw-Lock
9	106-6778	2	Bushing-Latch, Swell	31:2	107-1644	1	Cap-Lock
10		1	Spring Idler ASM	31:3	106-3241	1	Lever-Lock
11	3290-357	36	Nut-HHF, Whiz	31:4	3296-29	1	Nut-Lock, NI
12	323-28	1	Screw-HH	32	3231-31	1	Screw-CARR
13	92-1624	33	Screw	33	106-3214	1	Mount-Pulley
14	107-1683	3	Pulley	34	3256-24	3	Washer-Flat
15	107-8504	3	Spindle ASM	35	1-633109	2	Idler-Flat
16	105-7781-03	3	Blade-18 Inch (Hi Flow)	37	3231-1	10	Screw-CARR
17	323-23	1	Screw-HH	38	99-3058	2	Washer
18	98-7913	1	Tube-Spacer	39	323-9	1	Screw-HH
19	322-50	1	Screw-HH	40	1-603496	1	Bushing-Idler
20	98-5967	1	Spacer-Wheel	41	107-8516-01	1	Plate-Idler
21	1-603299	3	Roller-Scalp, Anti	42	105-7788	2	Spacer
22	3296-29	1	Nut-Lock, NI	43	3231-4	2	Screw-CARR
23	107-1668	1	Deck Decal ASM	44	3296-39	4	Nut-Lock, NI
24	105-7754-01	1	Baffle ASM	46	103-0862	3	Screw-Cap
25	105-7755-01	1	Baffle ASM	47	103-0865	3	Washer-Blade Bolt, Heavy



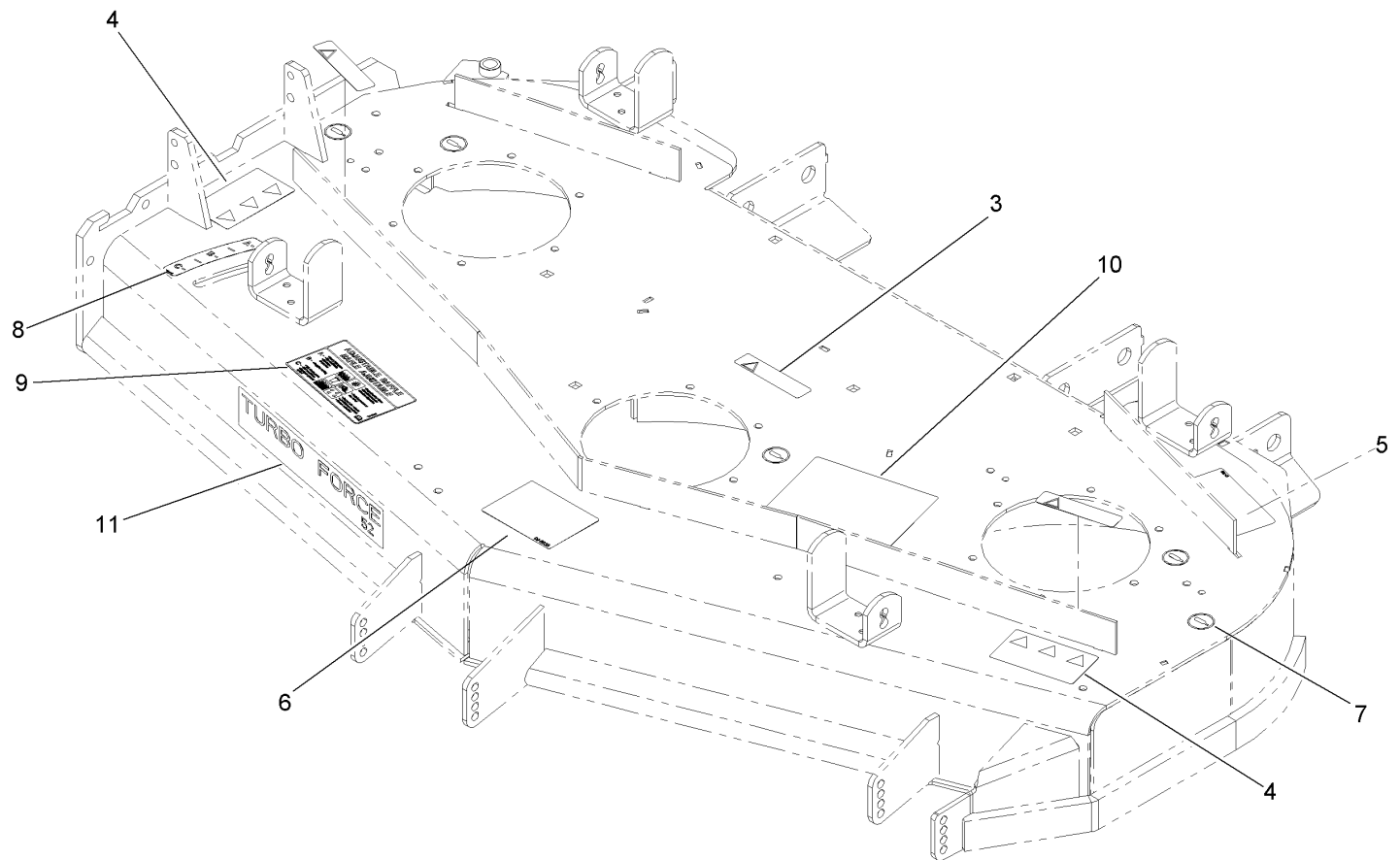
Idler Assembly

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, Whiz				
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				



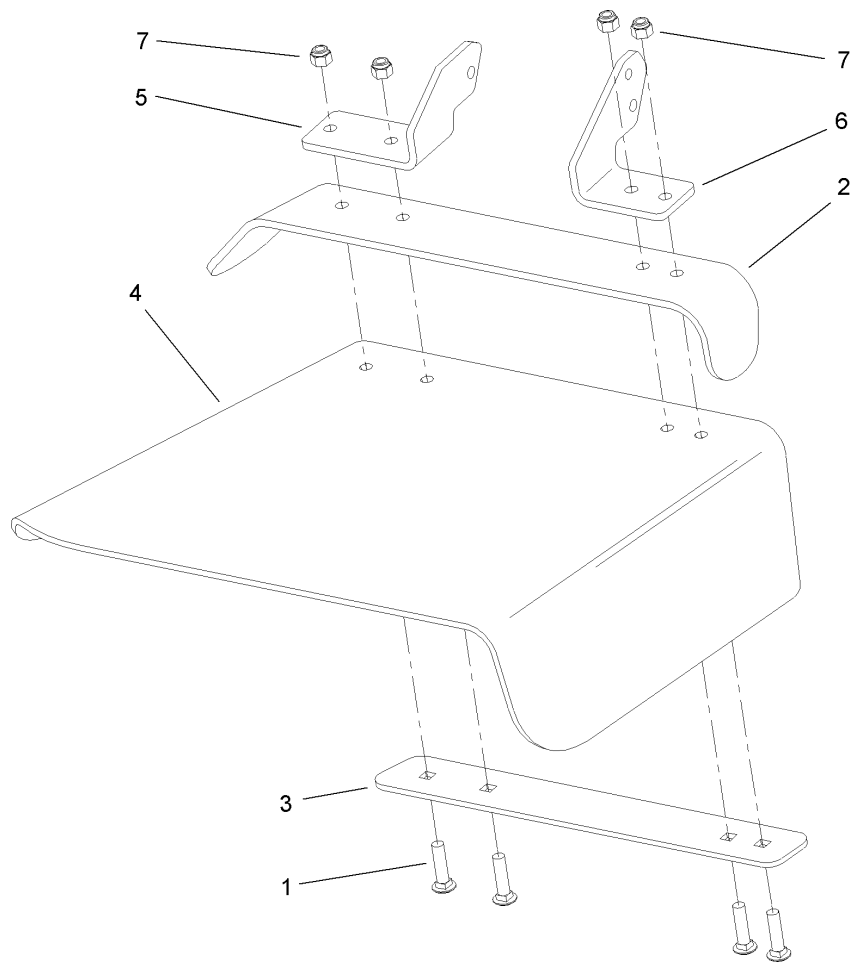
Spindle Assembly No. 107-8504

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				



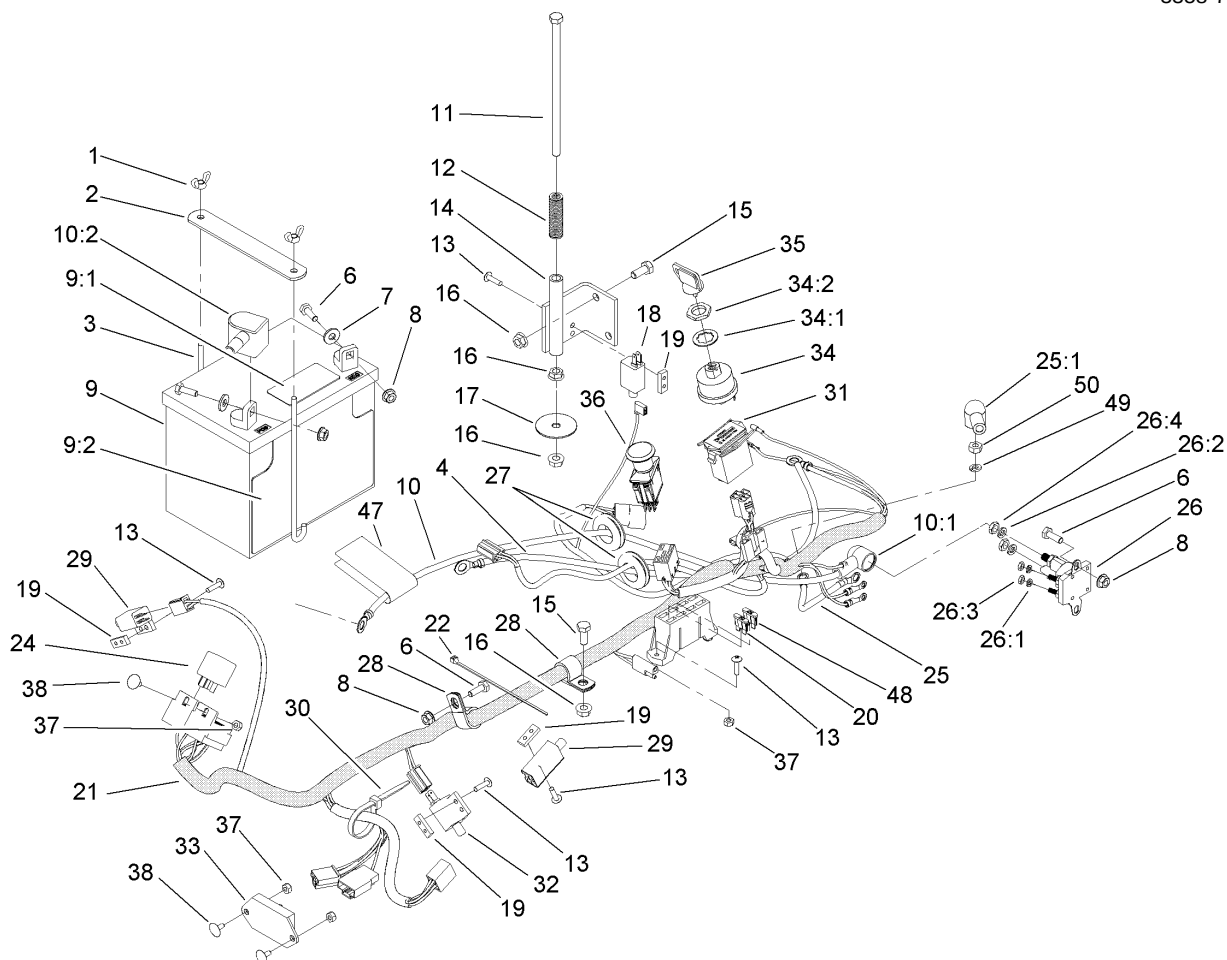
Deck Decal Assembly No. 107-1668

Ref	Part No.	Qty.	Description				
3	112-9028	3	Decal-Cover Missing				
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	110-2067	1	Decal-Setting, Baffle				
9	110-2068	1	Decal-Adjustment, Baffle				
10	107-1686	1	Decal-Service Aid				
11	107-1618	1	Decal				



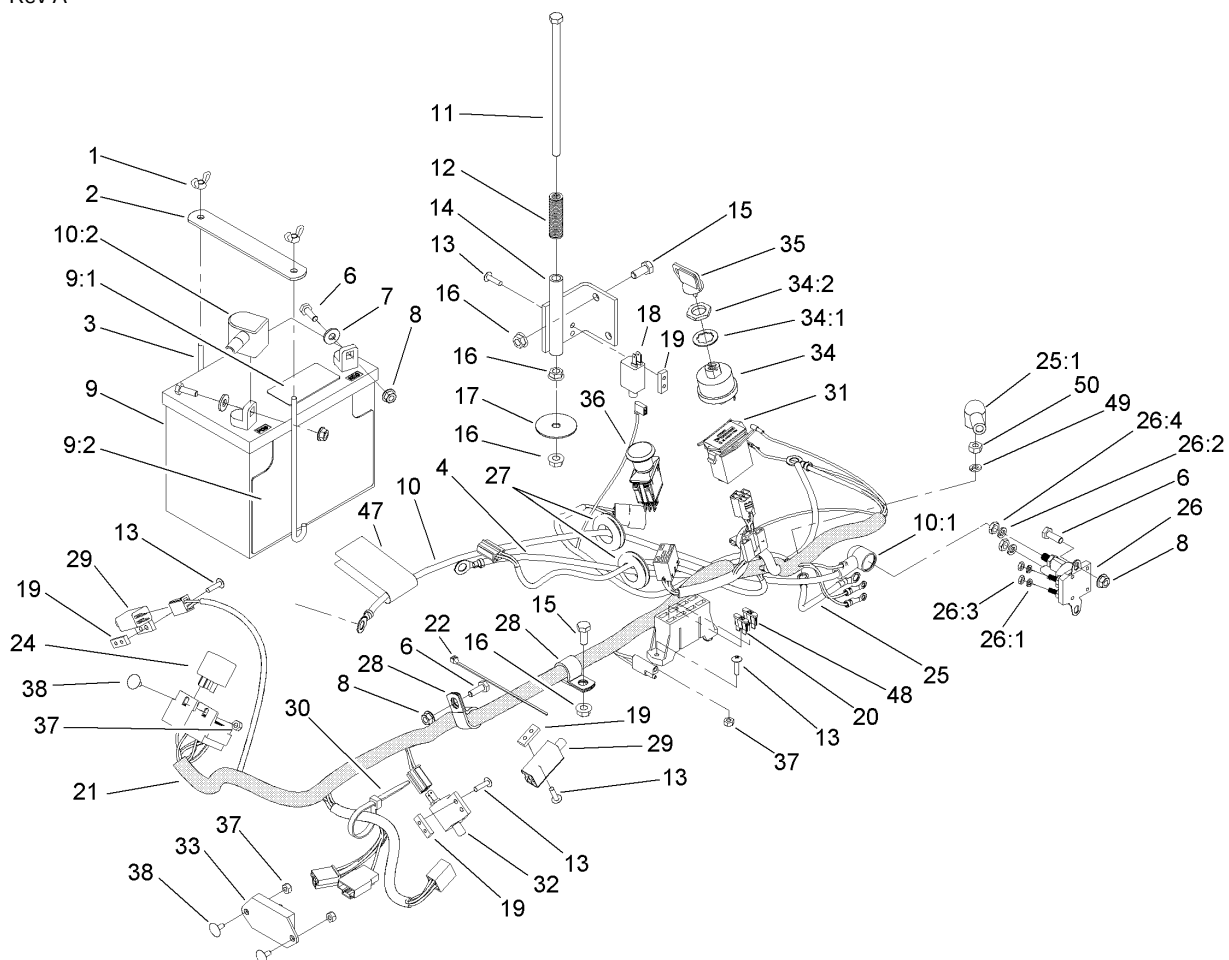
Rubber Deflector Assembly No. 108-2792

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				



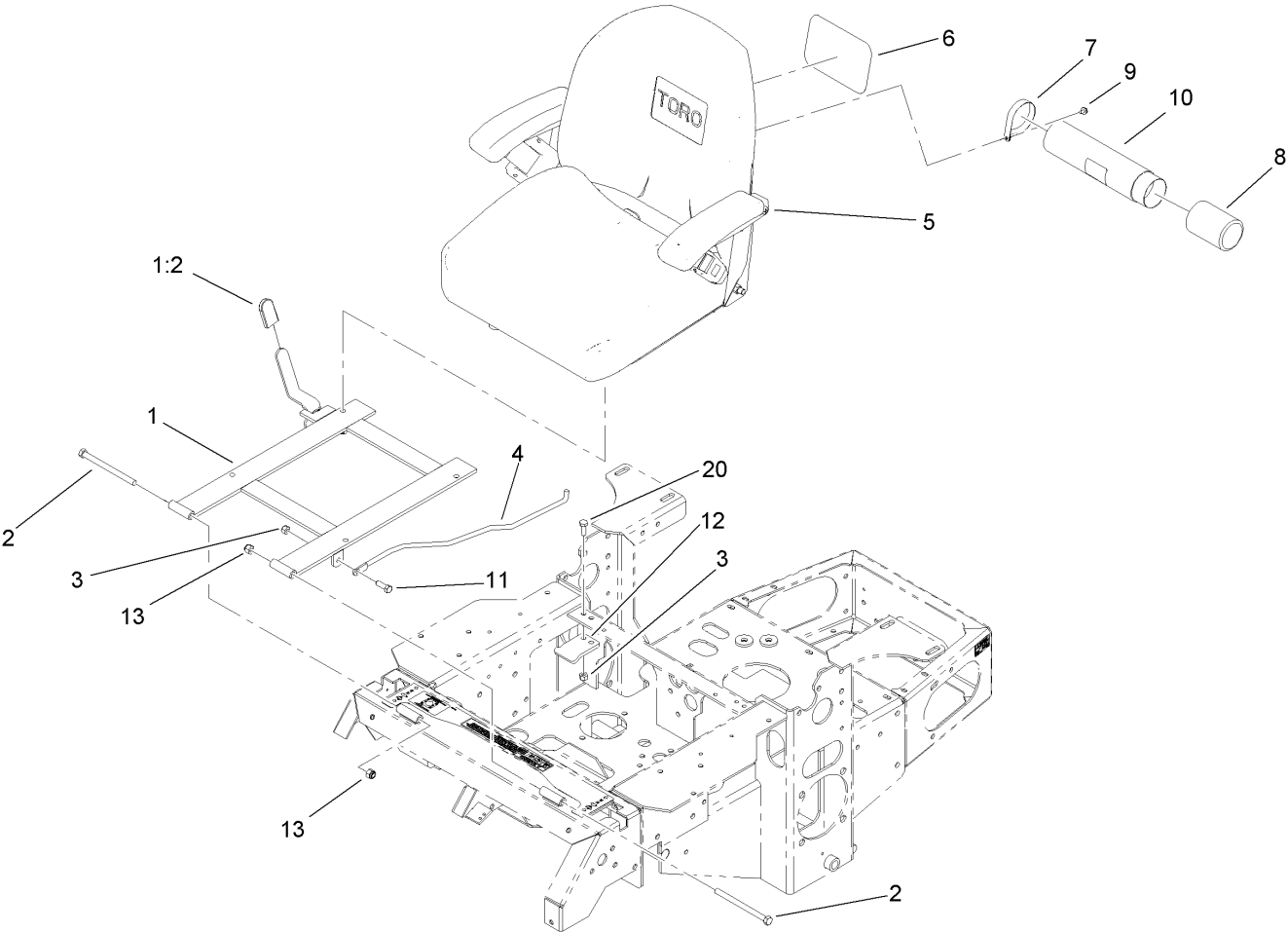
Electrical System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut	22	1-303287	3	Tie-Plastic
2	107-9277-03	1	Strap-Holddown, Battery	24	1-643275	2	Relay
3	1-633651	2	Bolt-Holddown	25	109-7620	1	Positive Starter Cable ASM
4	103-0705	1	Cable-Ground, Negative	25:1	1-543393	2	Insulator-Solenoid
6	321-4	5	Screw-HH	26	1-513075	1	Switch-Solenoid
7	3256-2	2	Washer-Flat	26:1	3253-17	2	Washer-Lock
8	32128-33	5	Nut-HF	26:2	3253-4	2	Washer-Lock
9	105-1692	1	Battery	26:3	3219-14	2	Nut-Hex
9:1	104-4163	1	Decal-Battery	26:4	3220-2	2	Nut-Jam
9:2	104-4164	1	Decal-Battery	27	1-543286	2	Grommet
10	109-7621	1	Positive Battery Cable ASM	28	1-633396	2	Clip-Loom
10:1	1-543393	1	Insulator-Solenoid	29	1-513051	2	Switch-Open, Normally
10:2	109-2407	1	Insulator-Battery	30	1-303335	4	Tie-Plastic
11	1-800282	1	Screw-HH	31	1-513374	1	Meter-Hour
12	1-523415	1	Spring-Switch, Seat	32	1-633111	1	Switch
13	1-803075	10	Screw-Head, Truss	33	100-6186	1	Module-Delay, Seat
14	1-652072-03	1	Bracket-Switch, Seat	34	104-2541	1	Switch ASM
15	322-3	3	Screw-HH	34:1	218-461	1	Nut-HH
16	32128-20	5	Nut-HF	34:2	3254-5	1	Washer-Tooth
17	1-653036	1	Washer	35	63-8360	2	Key-Ignition
18	1-513152	1	Switch-Closed, Normally	36	103-5221	1	Switch-PTO
19	1-633181	4	Plate-Tapped	37	3296-2	6	Nut-Lock
20	109103	1	Fuse-30 Amp	38	1-807513	4	Bolt-CARR
21	110-0318	1	Harness-Electrical	47	107-9309	1	Decal-Instructions, Charging



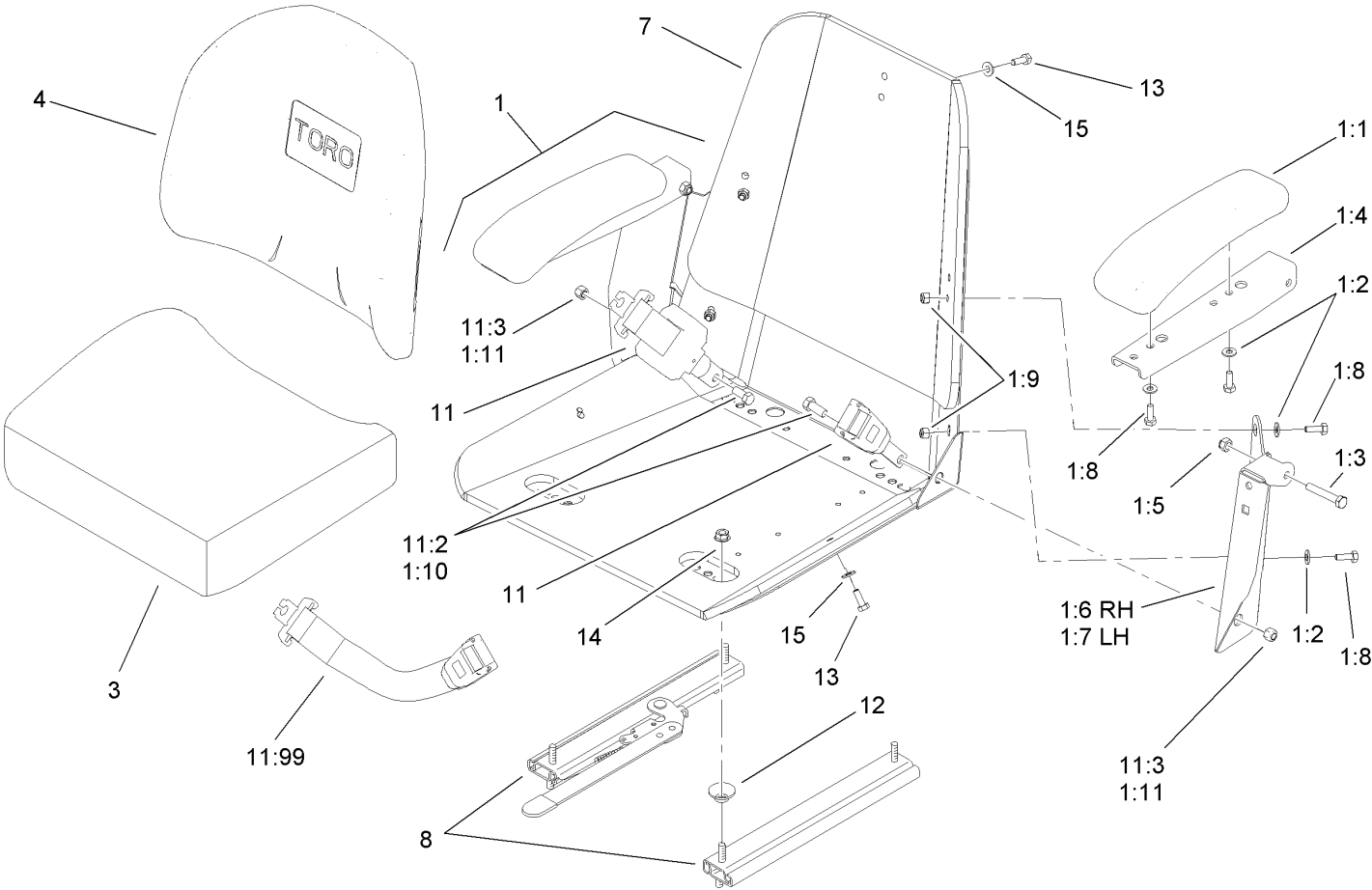
Electrical System Assembly (continued)

Ref	Part No.	Qty.	Description
48	109102	1	Fuse-25 Amp
49	1-805004	1	Washer-Lock
50	3217-5	1	Nut-Hex



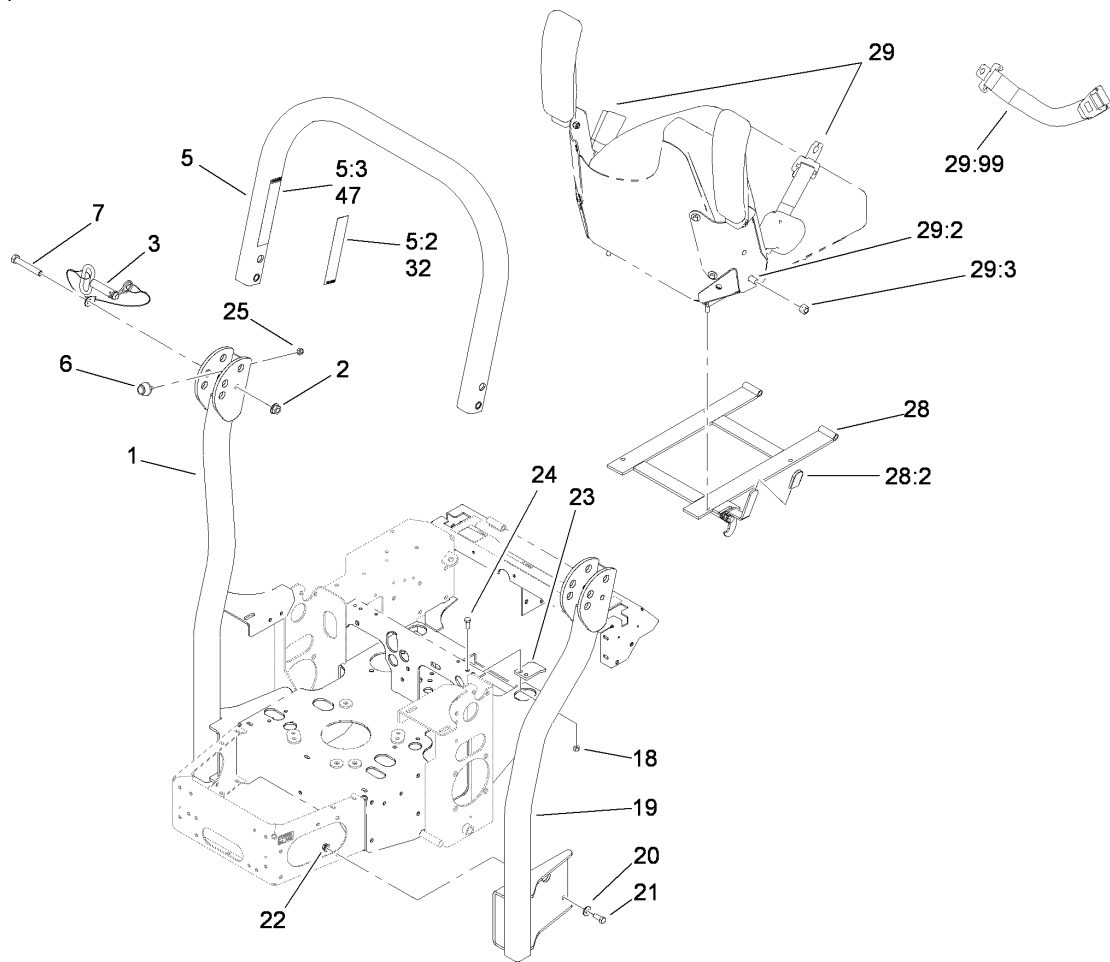
Seat and Bracket Assembly

Ref	Part No.	Qty.	Description				
1	110-5850	1	Seat Frame And Latch ASM				
1:2	103-4434	1	Grip-Lever				
2	323-39	2	Screw-HH				
3	3296-29	3	Nut-Lock, NI				
4	103-1731	1	Rod-Retainer, Seat				
5	110-0446	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	2	Nut-Lock, NI				
20	322-4	2	Screw-HH				



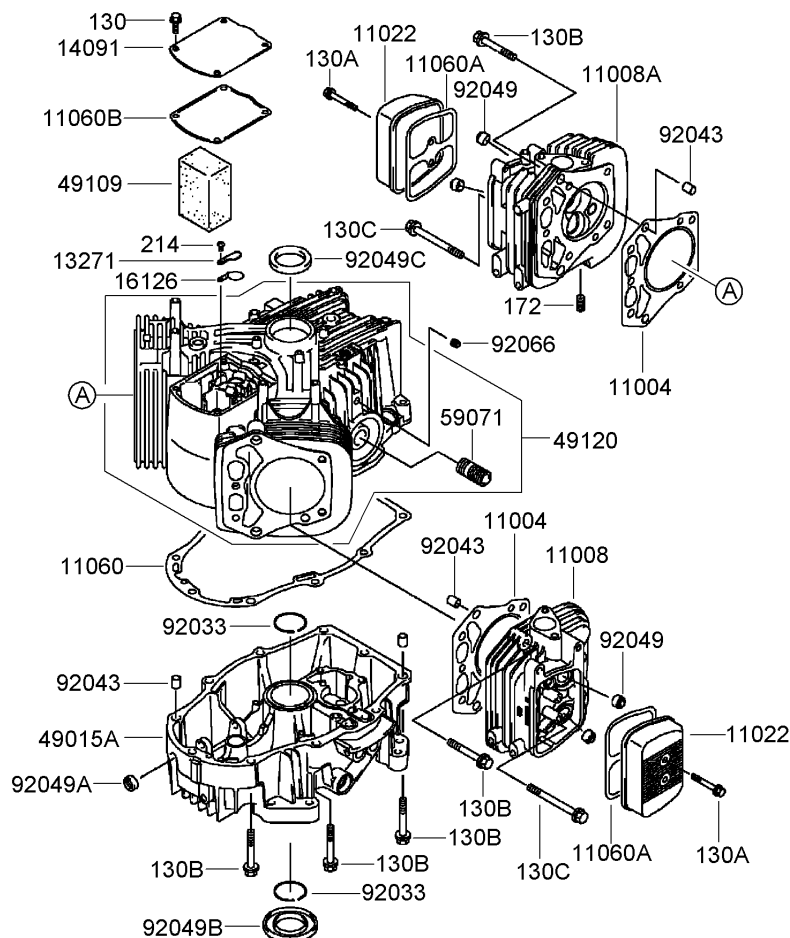
Seat and Bracket Assembly No. 110-0446

Ref	Part No.	Qty.	Description				
1	110-5719	1	Armrest Kit				
1:1	110-4163	2	Cushion-Rest, Arm				
1:2	3256-22	4	Washer-Flat				
1:3	322-10	2	Screw-HH				
1:4	105-3623	2	Channel-Armrest				
1:5	32153-3	2	Nut-Hex, Side Deform				
1:6	105-3621	1	Bracket-Armrest, RH				
1:7	105-3622	1	Bracket-Armrest, LH				
1:8	321-30	8	Screw-HH				
1:9	3296-42	4	Nut-Lock, NI				
1:10	325-2	2	Screw-HH				
1:11	3296-23	2	Nut-Lock, NI				
3	110-4162	1	Cushion-Seat, Bottom				
4	110-0447	1	Cusion-Seat, Back				
7	1-633859	1	Frame-Seat				
8	1-643255	1	Track-Seat				
11	110-0883	1	Retractable Seatbelt Kit				
11:2	3212-4	2	Screw-HH				
11:3	3296-7	2	Nut-Lock				
11:99	109-6226	1	Seat Belt Extension Kit				
12	1-543401	4	Spacer-Track				
13	321-30	5	Screw-HH				
14	32128-20	4	Nut-HF				
15	3256-22	5	Washer-Flat				



Roll-Over Protection System Assembly No. 107-8093

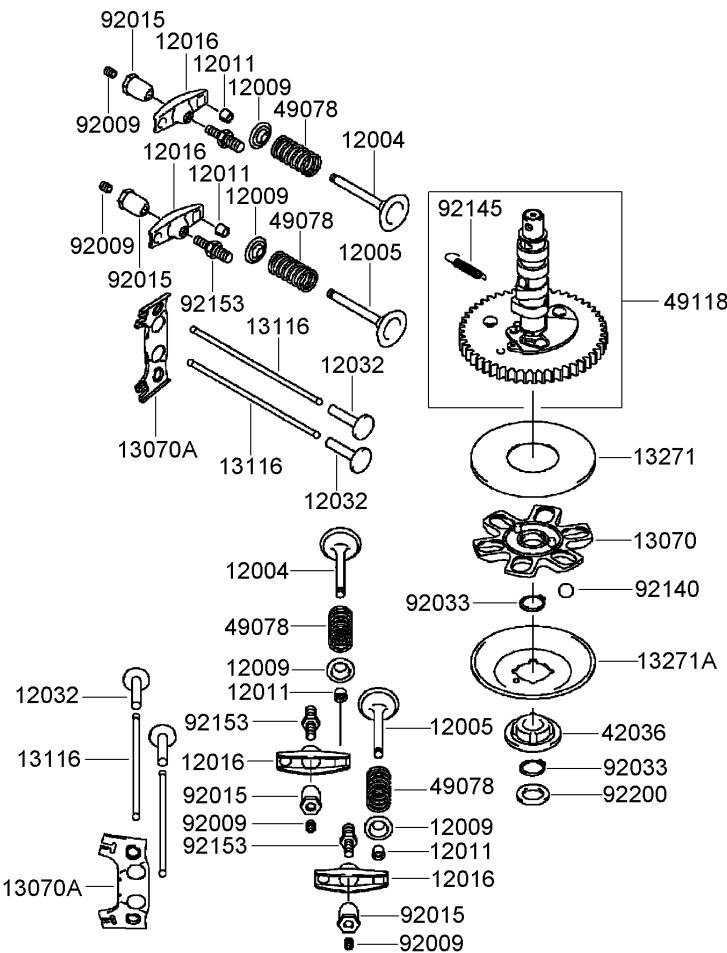
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1		1	LH Tube Support ASM	47	107-2102	1	Decal-Warning, Folding ROPS
2	32128-23	2	Nut-HF				
3	103-4553	2	ROPS Fold Pin ASM				
25		1	Upper Tube ASM				
5:2	107-2100	1	Decal				
5:3	107-2102	1	Decal-Warning, Folding ROPS				
6	109-2365	2	Bumper-Rubber (W/Stud)				
7	325-13	2	Screw-HH				
18	3296-29	2	Nut-Lock, NI				
19		1	RH Tube Support ASM				
20	98-5975	8	Washer-Belleville				
21	323-6	8	Screw-HH				
22	3290-357	8	Nut-HHF, Whiz				
23	107-3059	1	Catch-Latch, Seat				
24	322-4	2	Screw-HH				
25	3296-73	2	Nut-Lock, NI				
28	110-5850	1	Seat Frame And Latch ASM				
28:2	103-4434	1	Grip-Lever				
29	110-0883	1	Retractable Seatbelt Kit				
29:2	3212-4	2	Screw-HH				
29:3	3296-7	2	Nut-Lock				
29:99	109-6226	1	Seat Belt Extension Kit				
32	107-3069	1	Decal-Warning, Folding ROPS (Ce)				



Cylinder and Crankcase Assembly Kawasaki FH680V-DS21

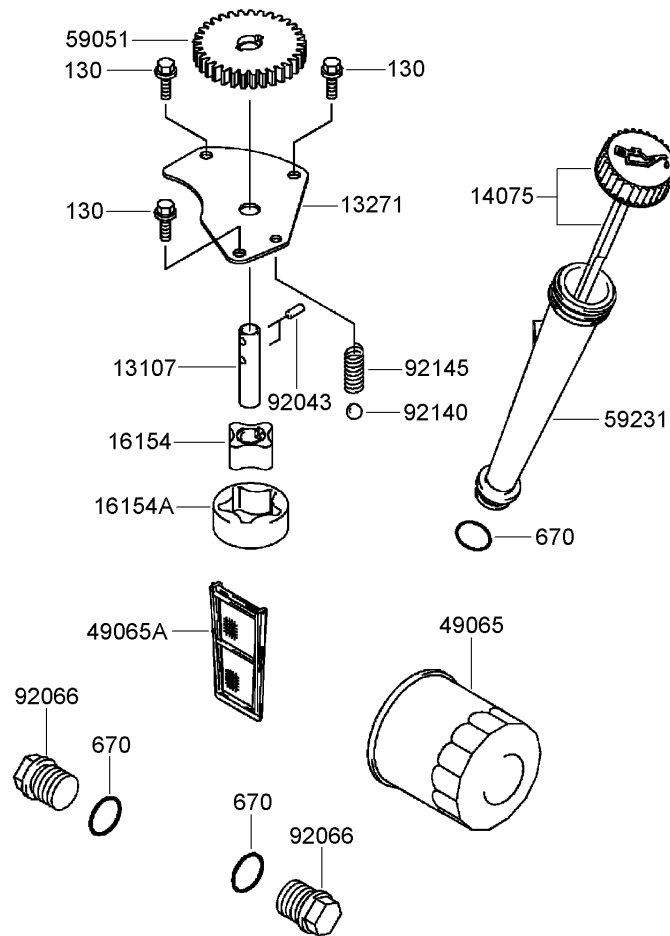
Ref	Part No.	Qty.	Description
④11004	11004-7006	2	Gasket-Head
④11008	11008-7023	1	Head-Cylinder, No.2
④11008A	11008-7024	1	Head-Cylinder, No.1
④11022	11022-7002	2	Case-Rocker
④11060	11060-7012	1	Gasket-Cover, Crankcase
④11060A	11060-7013	2	Gasket-Case, Rocker
④11060B	11060-7014	1	Gasket-Breather
④13271	13271-7006	1	Plate
④14091	14091-7004	1	Cover
④16126	16126-7001	1	Valve
④49015A	49015-7064	1	Cover-Crankcase
④49109	49109-7003	1	Element-Breather
④49120	49120-7037	1	Crankcase
④59071	59071-2079	1	Joint
④92033	92033-7004	2	Ring-Snap
④92043	92043-7001	6	Pin
④92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)
④92049A	92049-7005	1	Seal-Oil, S O (8X14X5 H S)
④92049B	92049-7011	1	Seal-Oil, S D (35X62X8 L H S)
④92049C	92049-7014	1	Seal-Oil, S D (35X52X7 R H S)
④92066	92066-7002	1	Plug
④130	130B0612	4	Bolt-Flanged (6X12)
④130A	130B0640	4	Bolt-Flanged (6X40)
④130B	130T0850	18	Bolt-Flanged (8X50)

Ref	Part No.	Qty.	Description
④130C	130T0875	2	Bolt-Flanged (8X75)
④172	172G0818	4	Bolt-Stud (8X18)
④214	214B0408	1	Screw-Pan (4X8)



Valve and Camshaft Assembly
Kawasaki FH680V-DS21

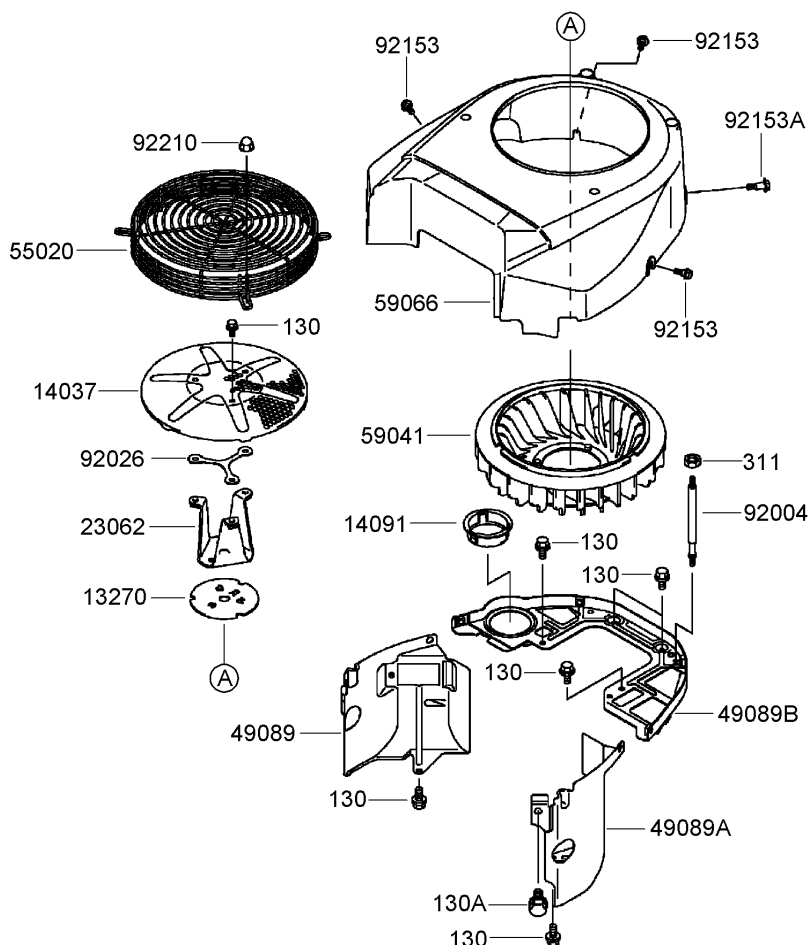
Ref	Part No.	Qty.	Description				
④12004	12004-7002	2	Valve-Intake				
④12005	12005-7004	2	Valve-Exhaust				
④12009	12009-7001	4	Retainer-Spring, Valve				
④12011	12011-2056	8	Collet				
④12016	12016-7007	4	Arm-Rocker				
④12032	12032-7001	4	Tappet				
④13070	13070-7004	1	Guide				
④13070A	13070-7007	2	Guide				
④13116	13116-7002	4	Rod-Push				
④13271	13271-7007	1	Plate				
④13271A	13271-7021	1	Plate-Governor				
④42036	42036-7010	1	Sleeve				
④49078	49078-7002	4	Spring-Valve, Engine (In)				
④49118	49118-7007	1	Camshaft				
④92009	92009-2341	4	Screw				
④92015	92015-2253	4	Nut				
④92033	92033-7001	2	Ring-Snap				
④92140	92140-7002	6	Ball				
④92145	92145-7001	1	Spring				
④92153	92153-7019	4	Bolt				
④92200	92200-7001	1	Washer				



Lubrication Equipment Assembly

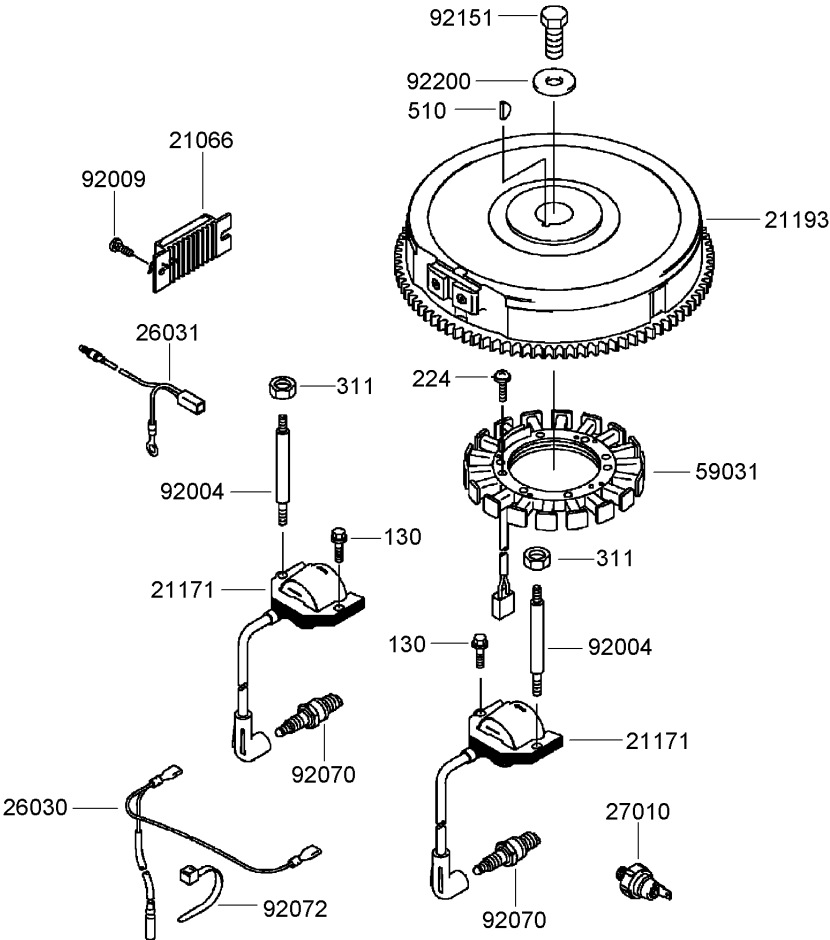
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
④13107	13107-7009	1	Shaft				
④13271	13271-7005	1	Plate				
④14075	14075-7008	1	Cap ASM				
④16154	16154-7007	1	Rotor-Pump (In)				
④16154A	16154-7008	1	Rotor-Pump (Out)				
④49065	49065-2078	1	Filter-Oil				
④49065A	49065-7003	1	Filter-Oil				
④59051	59051-7011	1	Gear-Spur				
④59231	59231-7006	1	Filler				
④92043	92043-7003	2	Pin				
④92066	92066-7003	2	Plug				
④92140	92140-7003	1	Ball				
④92145	92145-7002	1	Spring				
④130	130B0612	3	Bolt-Flanged (6X12)				
④670	670D2016	3	O-Ring (16Mm)				



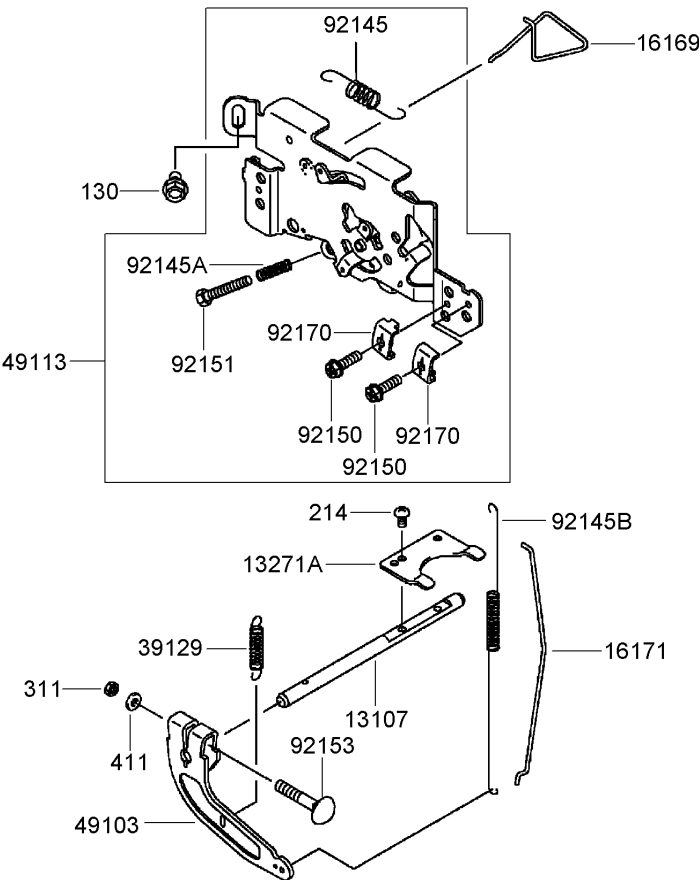
Cooling Equipment Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
④13270	13270-7007	1	Plate				
④14037	14037-7008-9H	1	Screen				
④14091	14091-7002	1	Cover				
④23062	23062-7005	1	Bracket				
④49089	49089-7004	1	Shroud-Engine				
④49089A	49089-7005	1	Shroud-Engine				
④49089B	49089-7049	1	Shroud-Engine				
④55020	55020-7007	1	Guard				
④59041	59041-7003	1	Fan				
④59066	59066-7004	1	Housing-Fan				
④92004	92004-7006	2	Stud				
④92026	92026-7007	1	Spacer				
④92153	92153-7007	3	Bolt				
④92153A	92153-7008	1	Bolt				
④92210	92210-0003	4	Nut				
④130	130B0612	9	Bolt-Flanged (6X12)				
④130A	130B0816	1	Bolt-Flanged (8X16)				
④311	311B0600	2	Nut-Hex (6Mm)				



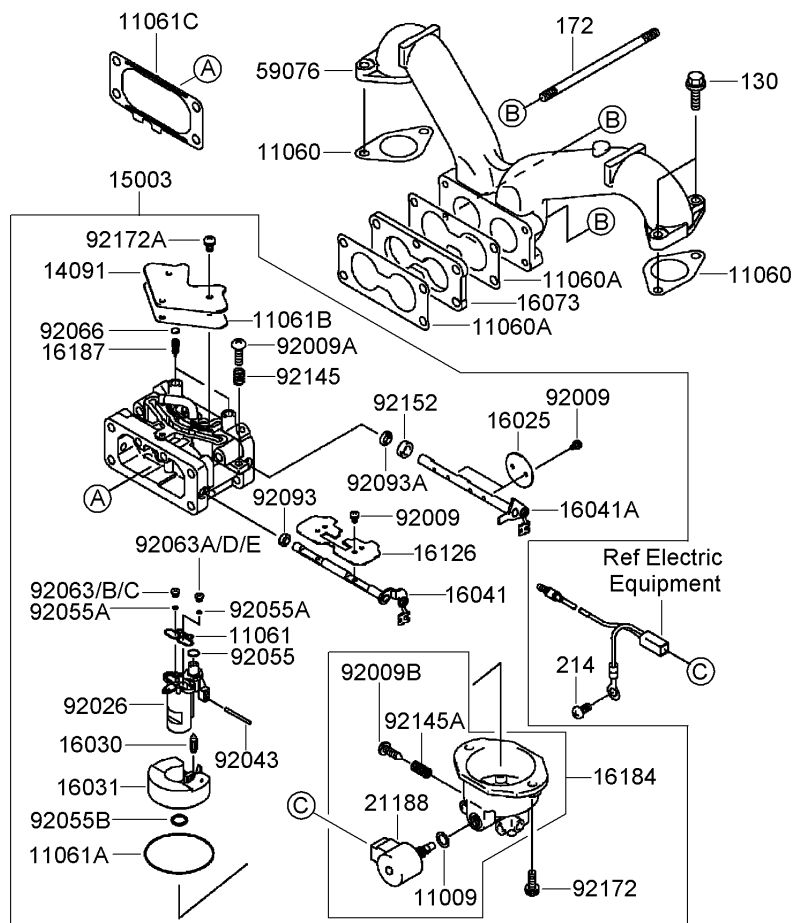
Electric Equipment Assembly
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
④21066	21066-7011	1	Regulator-Voltage				
④21171	21171-7013	2	Ignition Coil ASM				
④21193	21193-7019	1	Flywheel ASM				
④26030	26030-7002	1	Harness				
④26031	26031-7003	1	Harness				
④27010	27010-7001	1	Switch				
④59031	59031-7009	1	Coil-Charging				
④92004	92004-7009	2	Stud				
④92009	92009-2308	1	Screw				
④92070	92070-7004	2	Sparkplug, B P R 4 E S (N G K) Solid				
④92072	92072-7003	3	Band				
④92151	92151-2097	1	Bolt (12X30)				
④92200	92200-7002	1	Washer				
④130	130B0620	2	Bolt-Flanged (6X20)				
④224	224B0520	4	Screw-Pan (5X20)				
④311	311B0600	2	Nut-Hex (6Mm)				
④510	510A5100	1	Key-Woodruff				



Control Equipment Assembly
Kawasaki FH680V-DS21

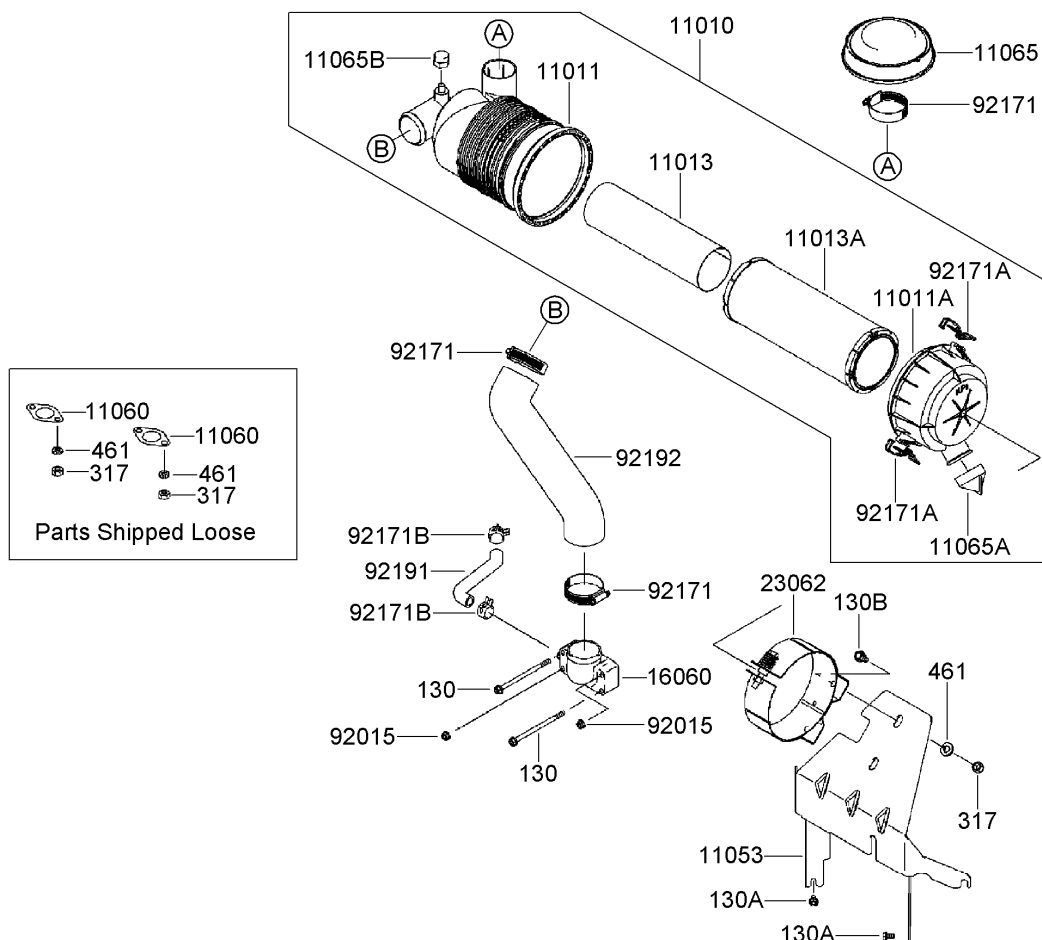
Ref	Part No.	Qty.	Description				
④13107	13107-7013	1	Shaft				
④13271A	13271-7032	1	Plate				
④16169	16169-7006	1	Link-Choke				
④16171	16171-7004	1	Link				
④39129	39129-7004	1	Spring-Governor				
④49103	49103-7004	1	Arm-Governor				
④49113	49113-7017	1	Panel-Control				
④92145	92145-7004	1	Spring				
④92145A	92145-7005	1	Spring				
④92145B	92145-7034	1	Spring				
④92150	92150-2182	2	Bolt (5X18)				
④92151	92151-7014	1	Bolt (5X30)				
④92153	92153-7033	1	Bolt (6X35)				
④92170	92170-7001	2	Clamp				
④130	130B0612	2	Bolt-Flanged (6X12)				
④214	214B0408	2	Screw-Pan (4X8)				
④311	311B0600	1	Nut-Hex (6Mm)				
④411	411B0600	1	Washer-Plain (6Mm)				



Carburetor Assembly Kawasaki FH680V-DS21

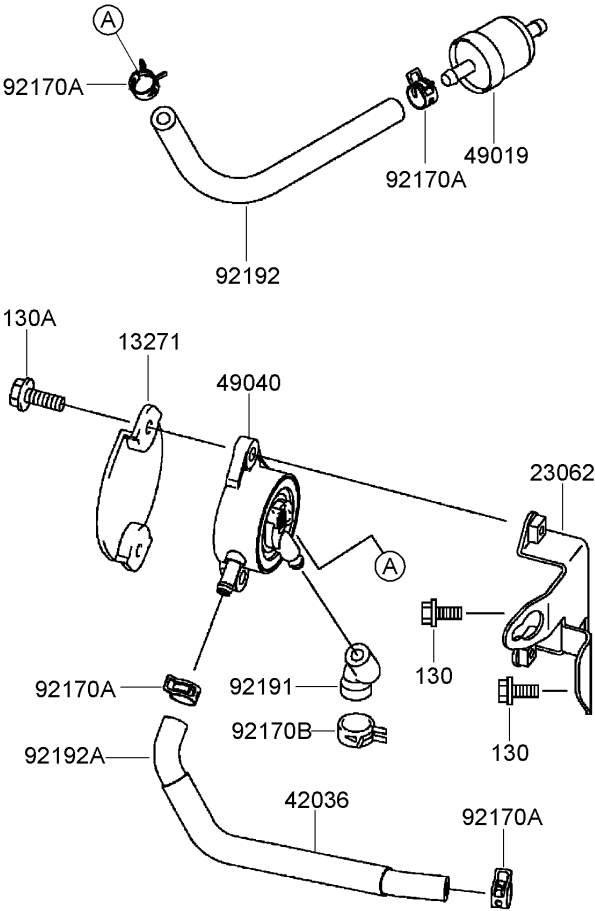
Ref	Part No.	Qty.	Description
④11009	11009-2056	1	Gasket
④11060	11060-7011	2	Gasket-Manifold
④11060A	11060-7024	2	Gasket-Carburetor
④11061	11061-7037	1	Gasket
④11061A	11061-7038	1	Gasket
④11061B	11061-7039	1	Gasket
④11061C	11061-7043	1	Gasket
④14091	14091-7031	1	Cover
④15003	15003-7120	1	Carburetor ASM
④16025	16025-7003	2	Valve-Throttle
④16030	16030-7004	1	Valve-Float
④16031	16031-7003	1	Float
④16041	16041-7021	1	Shaft-Carburetor
④16041A	16041-7024	1	Shaft-Carburetor
④16073	16073-7005	1	Insulator
④16126	16126-7015	1	Valve
④16184	16184-7017	1	Chamber Float ASM
④16187	16187-7002	2	Needle-Jet
④21188	21188-7003	1	Solenoid
④59076	59076-7002	1	Manifold-Intake
④92009	92009-7003	6	Screw
④92009A	92009-7004	1	Screw
④92009B	92009-7006	1	Screw-Drain
④92026	92026-7011	1	Spacer

Ref	Part No.	Qty.	Description
④92043	92043-7014	1	Pin
④92055	92055-7012	1	O-Ring
④92055A	92055-7013	2	O-Ring
④92055B	92055-7016	1	O-Ring
④92063	92063-7051	1	Jet-Main, No.104
④92063A	92063-7054	1	Jet-Main, No.108
④92063B	92063-7075	1	Jet-Main, No.101 (3280)
④92063C	92063-7076	1	Jet-Main, No.098 (6560)
④92063D	92063-7077	1	Jet-Main, No.105 (3280)
④92063E	92063-7078	1	Jet-Main, No.102 (6560)
④92066	92066-7009	2	Plug, Extension
④92093	92093-7001	1	Seal (I D 5.9)
④92093A	92093-7002	1	Seal (I D 6.9)
④92145	92145-7010	1	Spring
④92145A	92145-7011	1	Spring
④92152	92152-7005	1	Collar
④92172	92172-7005	2	Screw
④92172A	92172-7006	3	Screw
④130	130B0620	4	Bolt-Flanged (6X20)
④172	172G06105	2	Bolt-Stud (6X10.5)
④214	214B0510	1	Screw-Pan (5X10)



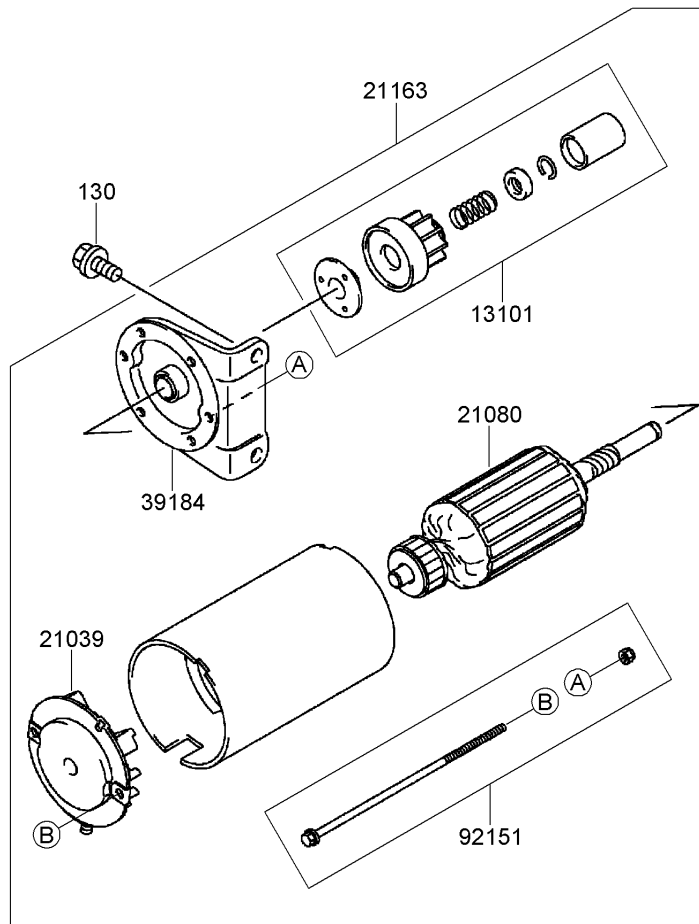
Air Filter and Muffler Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
④11010	11010-7011	1	Air Filter ASM				
④11011	11011-7013	1	Case-Filter, Air				
④11011A	11011-7014	1	Case-Filter, Air				
④11013	11013-7019	1	Element-Filter, Air				
④11013A	11013-7020	1	Element-Filter, Air				
④11053	11053-7016	1	Bracket				
④11060	11060-7016	2	Gasket-Muffler				
④11065	11065-7006	1	Cap				
④11065A	11065-7008	1	Cap				
④11065B	11065-7009	1	Cap				
④16060	16060-7021	1	Pipe-Intake				
④23062	23062-7009	1	Bracket				
④92015	92015-1193	2	Nut				
④92171	92171-7007	3	Clamp				
④92171A	92171-7009	2	Clamp				
④92171B	92171-7013	2	Clamp				
④92191	92191-7006	1	Tube				
④92192	92192-7030	1	Tube				
④130	130B06105	2	Bolt-Flanged (6X10.5)				
④130A	130B0612	2	Bolt-Flanged (6X12)				
④130B	130B0814	2	Bolt-Flanged (8X14)				
④317	317R0800	6	Nut-Hex, Small (8Mm)				
④461	461F0800	6	Washer-Spring (8Mm)				



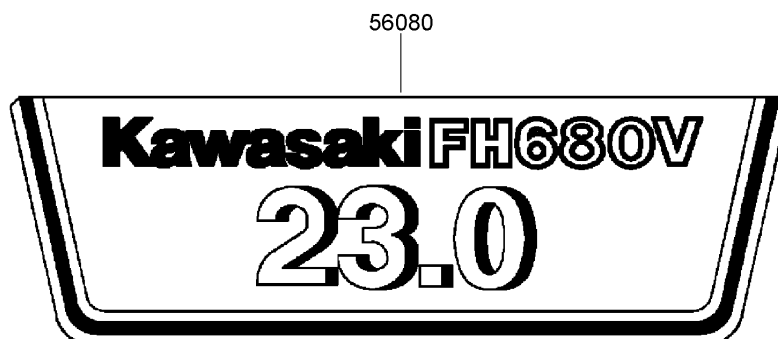
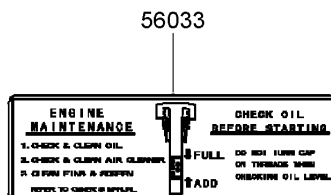
Fuel Tank and Valve Assembly
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
④13271	13271-7004	1	Plate				
④23062	23062-7004-9H	1	Bracket				
④42036	42036-7012	1	Sleeve				
④49019	49019-7001	1	Filter-Fuel				
④49040	49040-7001	1	Pump-Fuel				
④92170A	92170-2088	4	Clamp				
④92170B	92170-7003	1	Clamp				
④92191	92191-7027	1	Tube				
④92192	92192-7037	1	Tube (6.35X12.7X160)				
④92192A	92192-7039	1	Tube (6.35X12.7X200)				
④130	130B0616	2	Bolt-Flanged (6X16)				
④130A	130B0620	2	Bolt-Flanged (6X20)				



Starter Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
④13101	13101-7003	1	Gear ASM				
④21039	21039-7004	1	Brush				
④21080	21080-7001	1	Armature				
④21163	21163-7010	1	Starter-Electric				
④39184	39184-7004	1	Bracket ASM				
④92151	92151-7013	1	Bolt				
④130	130B0816	2	Bolt-Flanged (8X16)				



Label Assembly

Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description
④56033	56033-7003	1	Label-Manual
④56080	56080-7009	1	Decal-Brand

Attachments and Accessories

For 74416TE - Z450 Z Master, With 132cm TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Blade-Recycler, 18 Inch	105-7779-03
Blade-Hi Flow, 18 Inch	105-7781-03
52 Inch Recycler Kit	107-1610
Striping Kit	107-1630
Suspension Kit for Standard Seat	107-1892
Z Stand Kit	107-8599
Blade-Hi-Flow, 18 Inch (6 Pack)	108-1117
Mower Deck Lift Assist Kit	108-4090
Blade-Recycler, 18 Inch (6 Pack)	110-0408
Bimini Sunshade	110-5726
Channel Reinforcement Kit	112-8673
DFS Vac Collection System	78510
Chute Gate Kit	78521
Deluxe Suspension Seat Kit	78530
Hitch Kit	99-8924

