



Z453 Z Master[®]

With 48in TURBO FORCE[®] Side Discharge Mower

Model No. 74417CP - 270002001 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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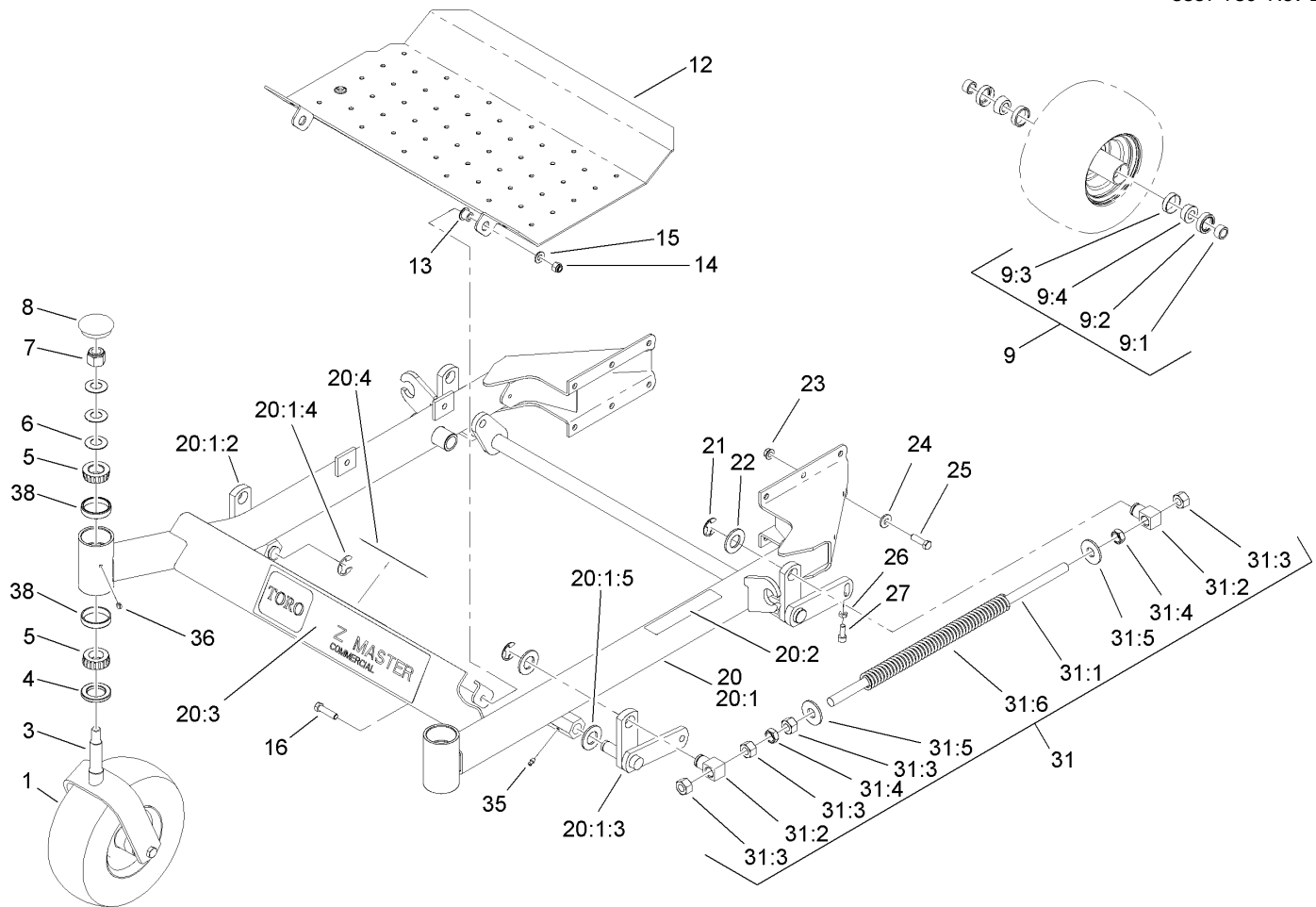
Part Description Abbreviations

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

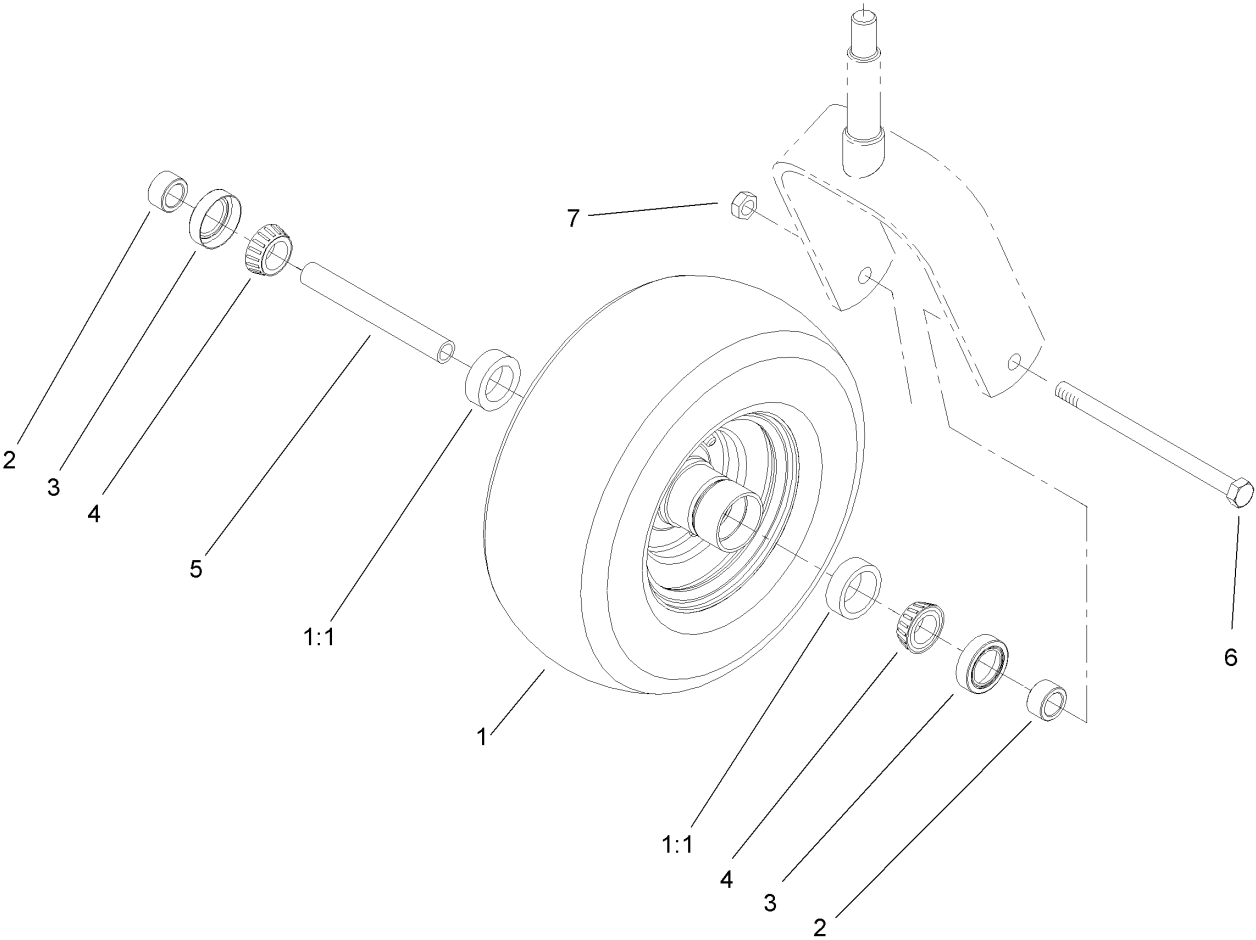
- ❶ Not serviced separately
- ❷ Optional Equipment
- ❸ Obtain from your local Kawasaki dealer



Front Frame Assembly

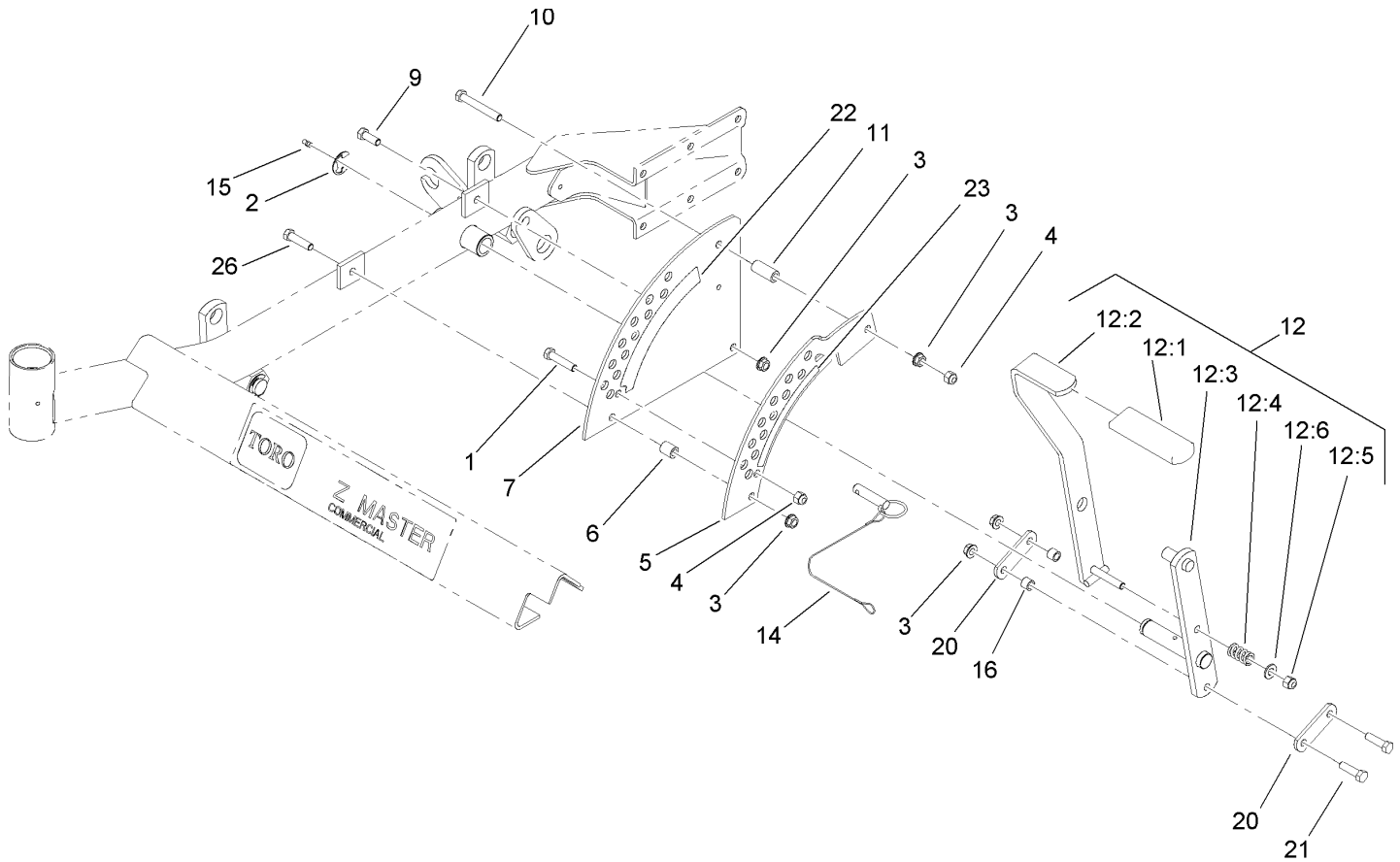
Ref	Part No.	Qty.	Description
1	110-5745	2	Semi Pnuematic Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	103-4882	2	Cap-Grease
9	110-8837	1	Caster Wheel Bearing Kit
9:1	1-633581	2	Spacer-Bearing
9:2	1-633580	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	108-5022	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
20:1:5	3256-29	2	Washer-Flat
20:2	1-633818	1	Decal-Warning

Ref	Part No.	Qty.	Description
20:3	106-7451	1	Decal
20:4	107-2112	1	Decal-Warning
21	32151-103	4	Ring-Snap
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

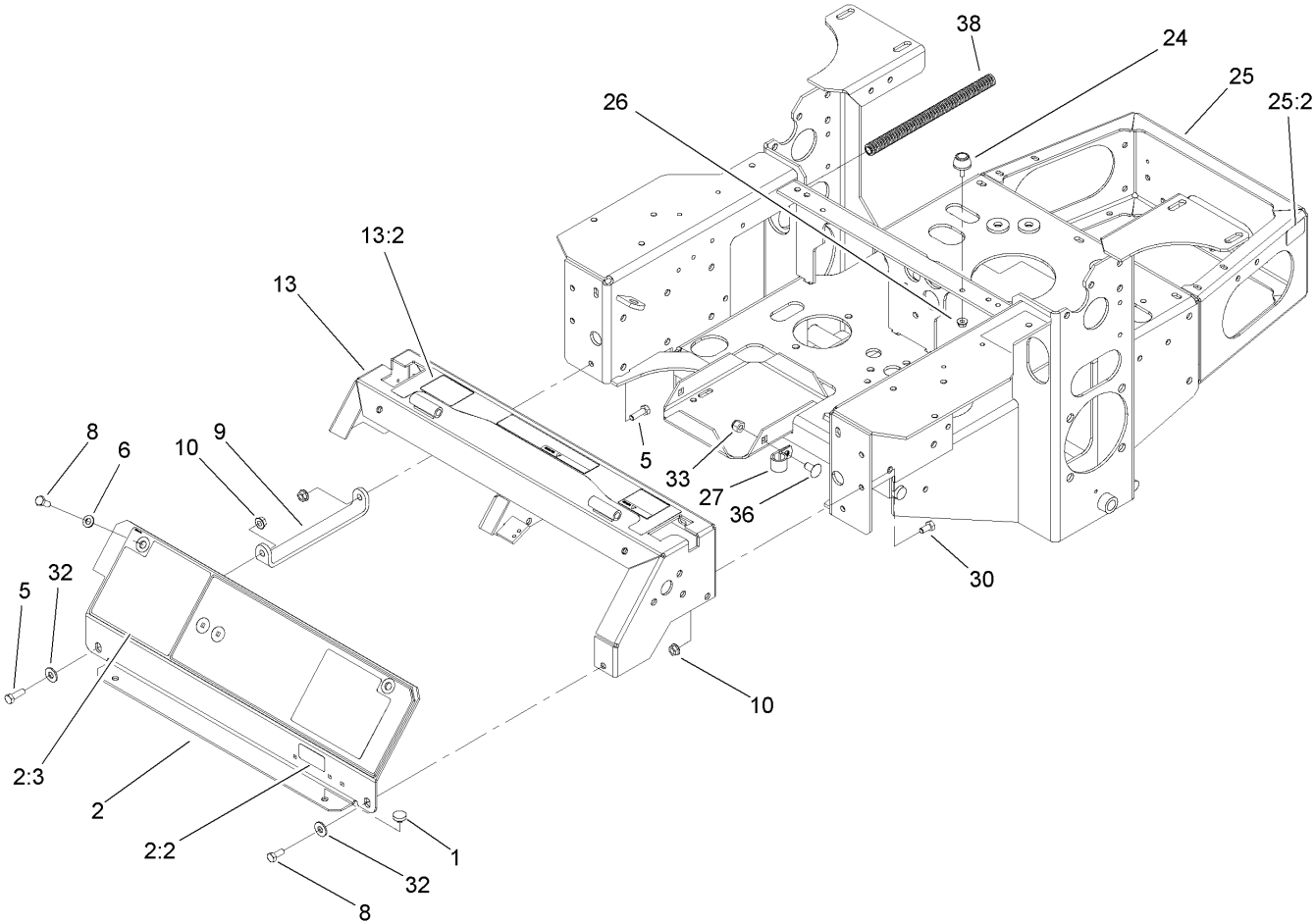
Ref	Part No.	Qty.	Description				
1	110-5743	1	Wheel And Tire ASM (Semi-Pneumatic)				
1:1	1-633584	1	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock,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



Height-of-Cut Assembly

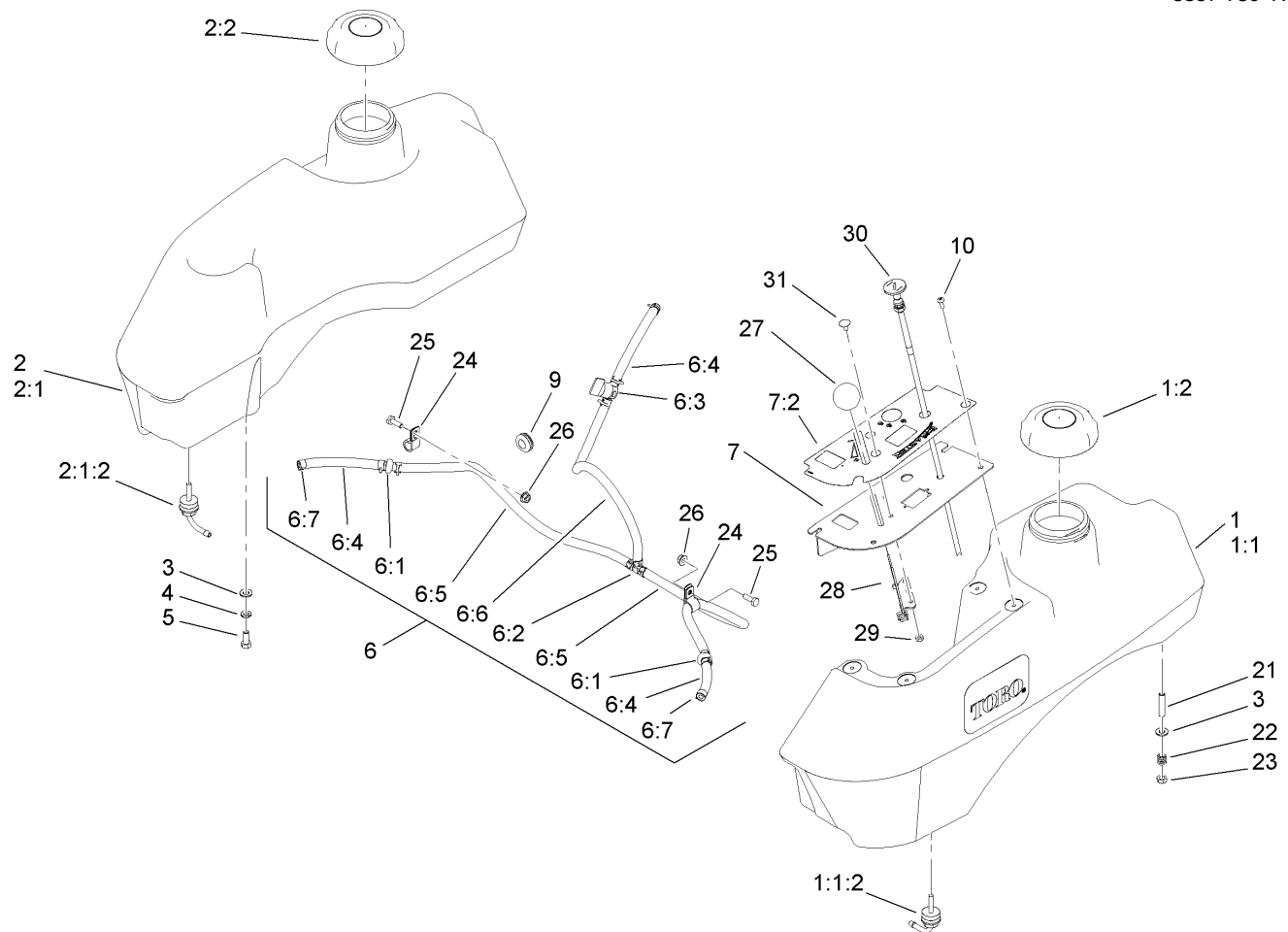
Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	5	Nut-HHF, Whiz
4	3296-39	2	Nut-Lock, NI
5	108-7755-01	1	Plate-Lift, Deck
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	1-633082	1	Bushing-Lever, Lift
12	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	108-1051	1	Decal-Deck Height, Outer
23	108-1050	1	Decal-Deck Height, Inner

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



Main Frame Assembly

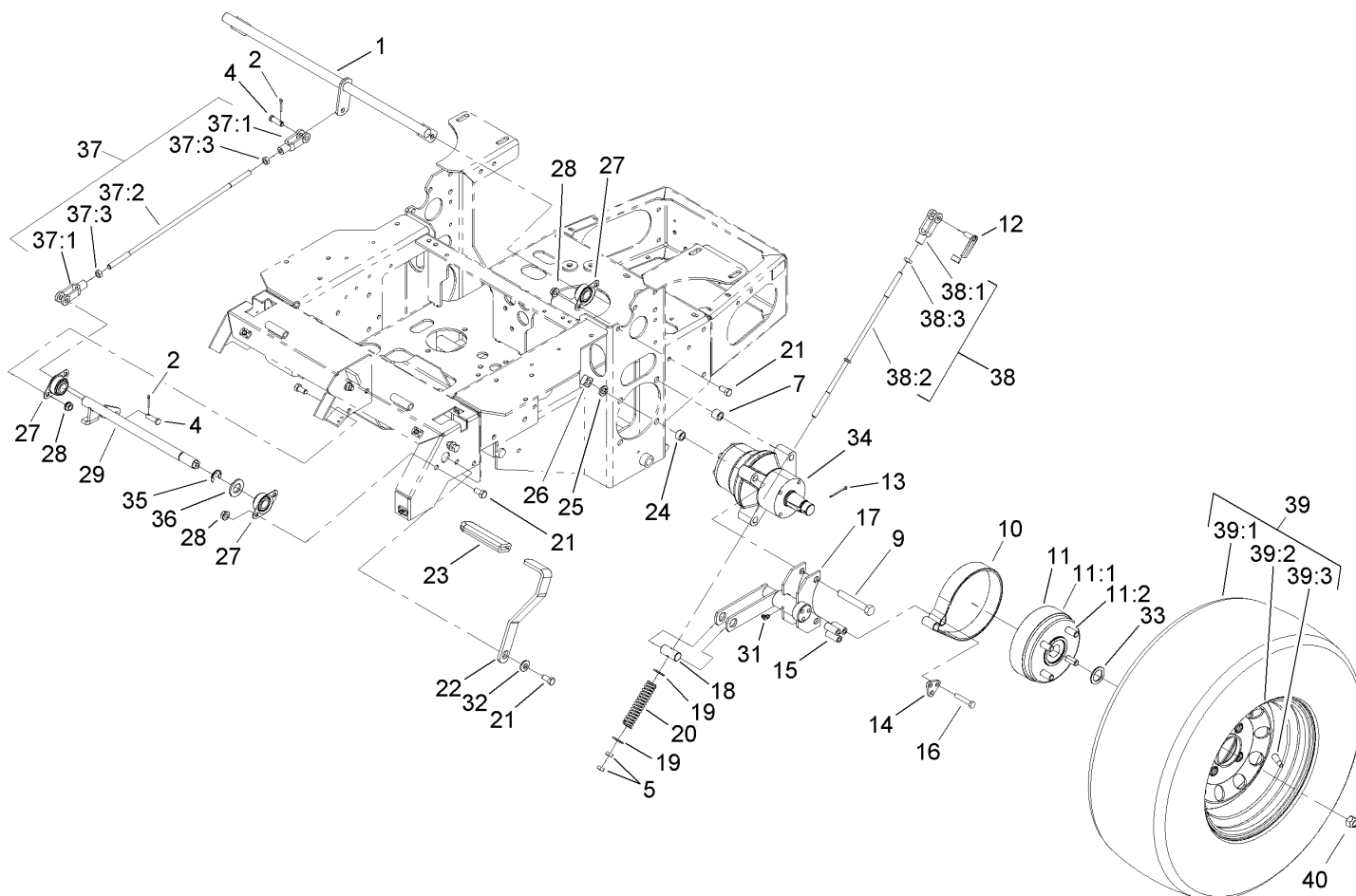
Ref	Part No.	Qty.	Description				
1	1-513658	2	Bumper				
2	108-1864	1	Panel ASM				
2:2	98-4387	1	Decal-Protection, Ear				
2:3	107-8445	1	Decal-Cover, Panel				
5	322-5	2	Screw-HH				
6	3256-23	2	Washer-Flat				
8	322-3	3	Screw-HH				
9	103-7935-03	1	Bracket-Panel, Instrument				
10	32128-20	6	Nut-HF				
13	108-5997	1	Console ASM				
13:2	108-5995	1	Decal-Warning				
24	109-2365	2	Bumper-Rubber (W/Stud)				
25	112-9007	1	Main Frame ASM				
25:2	65-2690	2	Decal-Surface, Hot				
26	32128-33	2	Nut-HF				
30	322-2	4	Screw-HH				
32	3256-3	2	Washer-Flat				
38	24-7922	2	Cover-Shaft, Drive				



Fuel System Assembly

Ref	Part No.	Qty.	Description
1	110-4165	1	LH Fuel Tank Service Kit
1:1:1		1	LH Fuel Tank ASM
1:1:2	103-2605	1	Fitting-Fuel, Bulkhead
1:2	109-0346	1	Cap-Fuel, Gas
2	105-3639	1	RH Fuel Tank Service Kit
2:1		1	RH Fuel Tank ASM
2:1:2	103-2605	1	Fitting-Fuel, Bulkhead
2:2	109-0346	1	Cap-Fuel, Gas
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	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

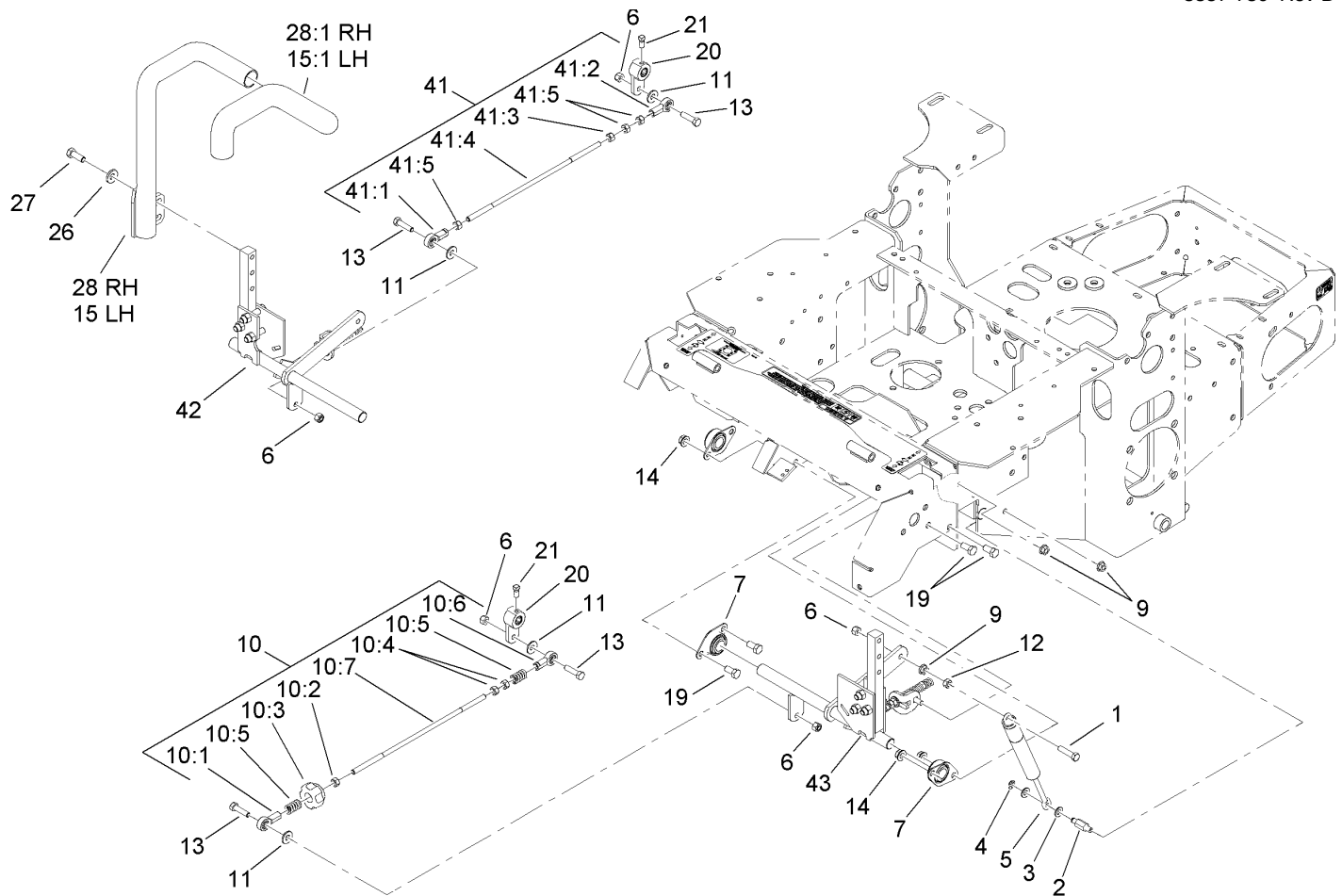
Ref	Part No.	Qty.	Description
22	1-633349	4	Spring-Tank, Fuel
23	3296-47	4	Nut-Lock, NI
24	1-513762	2	Clip-Loom
25	321-4	2	Screw-HH
26	32128-33	2	Nut-HF
27	1-513592	1	Knob-Ball
28	1-633696	1	Throttle Cable ASM
29	3296-2	2	Nut-Lock
30	106-9962	1	Control-Choke, Push / Pull
31	1-807513	2	Bolt-CARR



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	103-0590	2	Hub And Wheel ASM
11:1	103-0589	1	Wheel Hub ASM
11:2	1-633926	4	Stud-Wheel
12	103-2399	2	Pin-Spring, Clevis
13	1-806800	2	Pin-Cotter
14	103-0374	2	Retainer-Band, Brake
15	103-0384	6	Spacer
16	322-9	6	Screw-HH
17	103-0352-03	2	Bracket-Brake
18	1-633144	2	Pin-Trunion
19	3256-4	4	Washer-Flat
20	1-633454	2	Spring-Brake
21	323-4	9	Screw-HH
22	1-653074-03	1	Handle-Brake, Park
23	1-633268	1	Grip-Lever, Brake
24	1-653069	4	Spacer-Wheel
25	3253-7	8	Washer-Lock

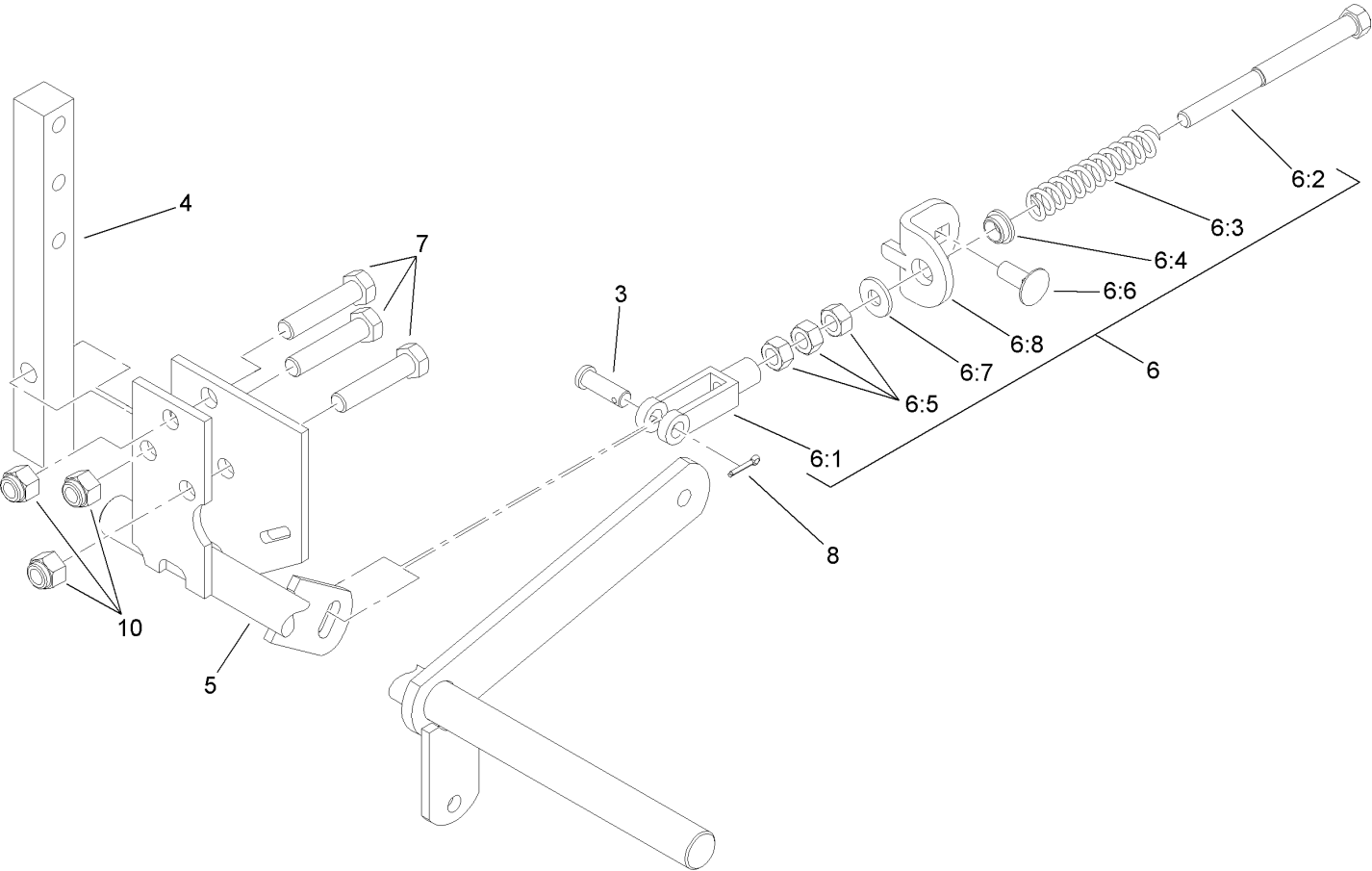
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF, Whiz
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	103-5333	2	Motor-Wheel
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat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

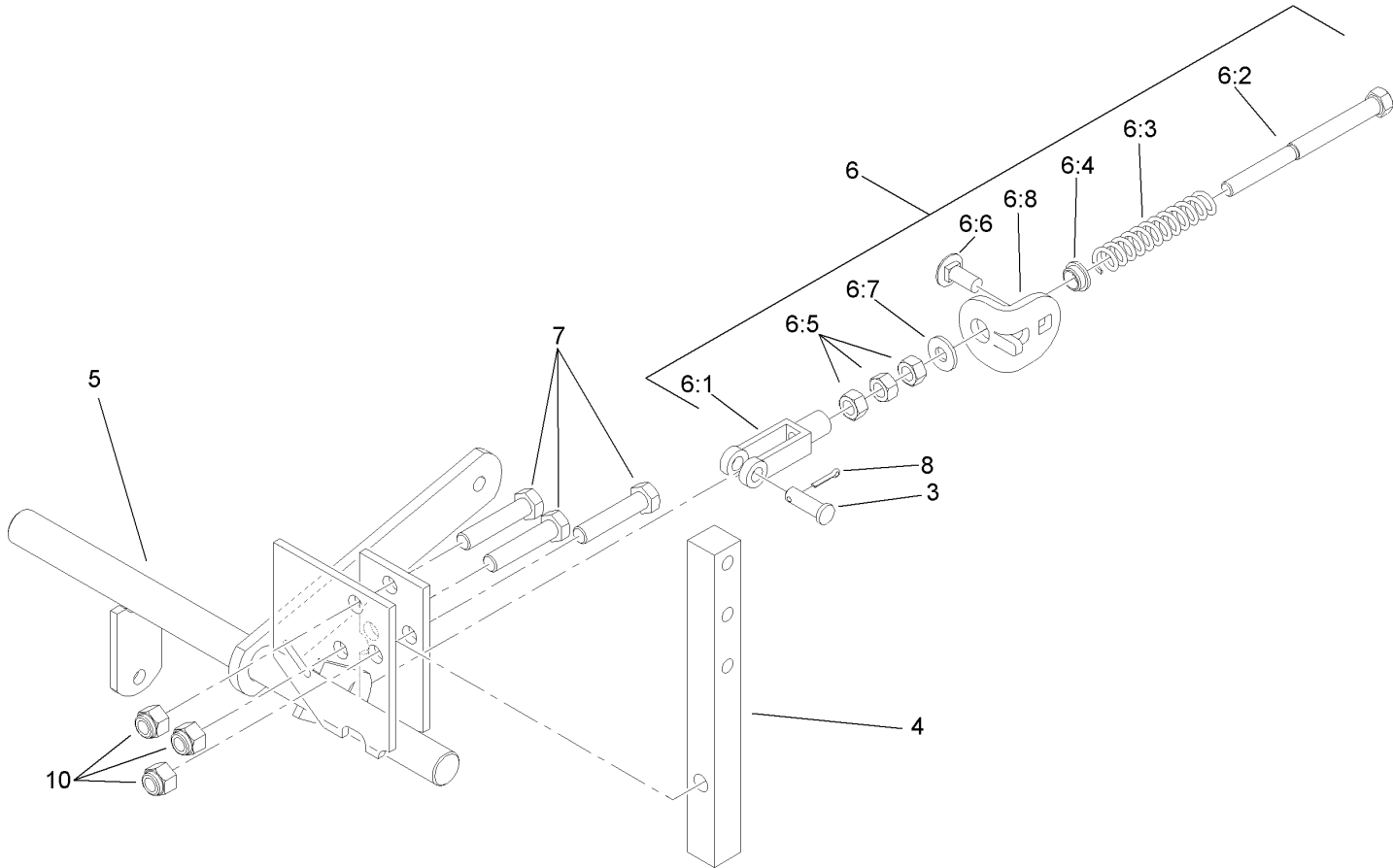
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	109-2339	2	Damper-Control, Motion
6	3296-29	6	Nut-Lock, NI
7	1-633102	4	Bearing-Flange, Side
9	32128-20	10	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH
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



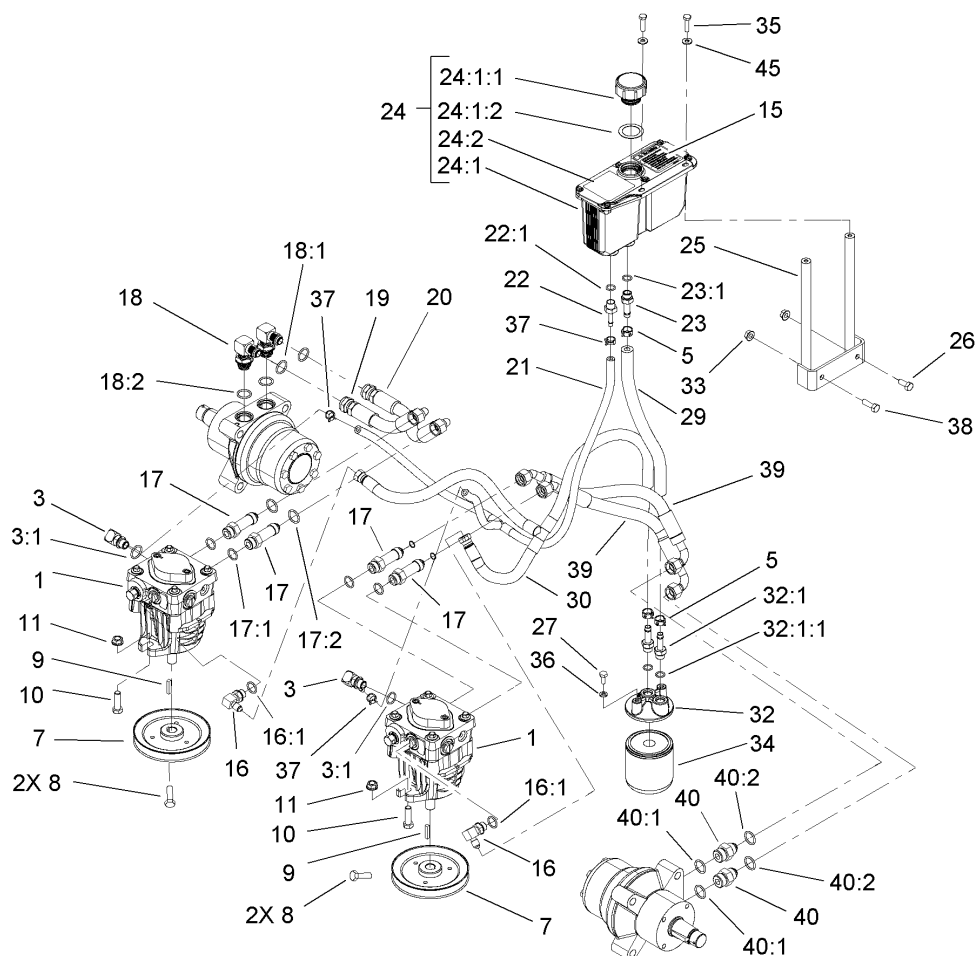
Right Hand Motion Control Assembly No. 109-3911

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				



Left Hand Motion Control Assembly No. 109-3912

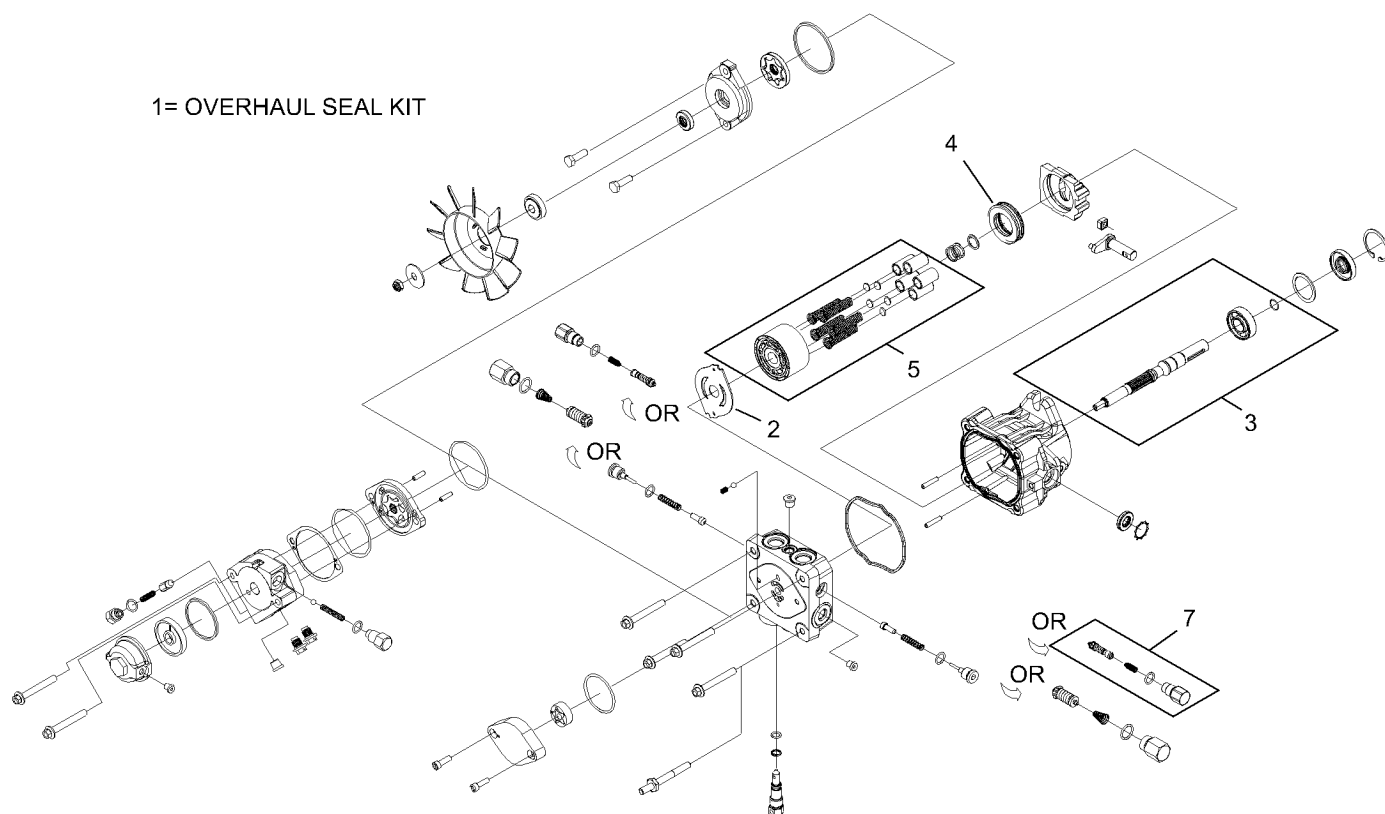
Ref	Part No.	Qty.	Description				
3	1-808280	1	Pin-Clevis				
4	103-0407	1	Arm-Shaft, Control				
5	103-4774	1	Control-Motion, LH				
6	109-3903	1	Neutral Return ASM				
6:1	1-303105	1	Yoke-Adjustable				
6:2	1-603737	1	Bolt-Return, Neutral				
6:3	1-603807	1	Spring-Return, Neutral				
6:4	109-3769	1	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

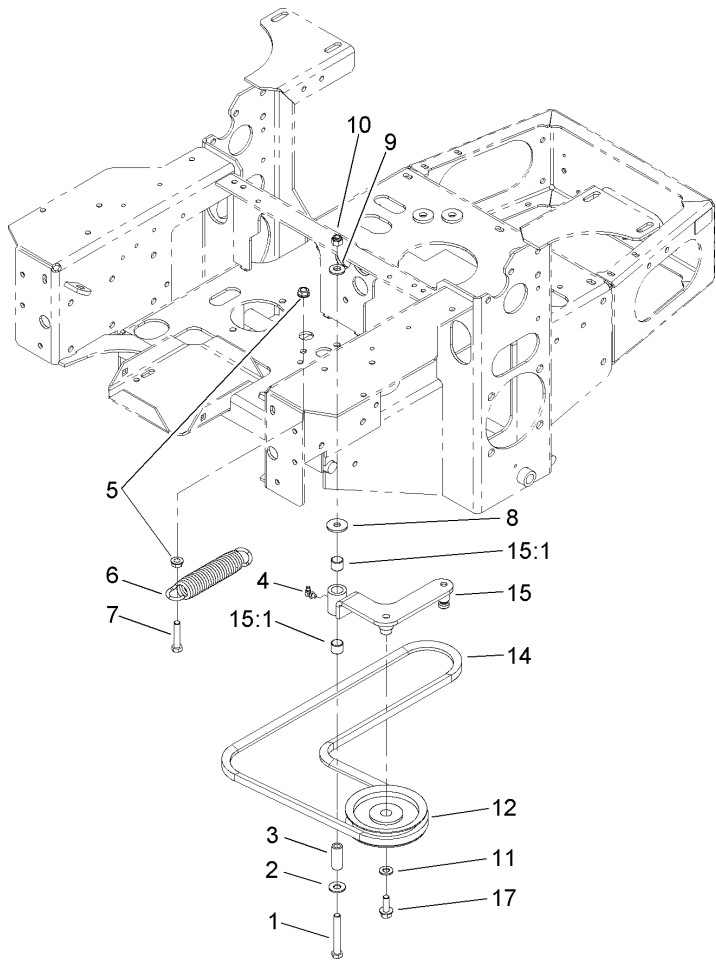
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF, Whiz
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-HYD, 90 DEG
16:1	1-603921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

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



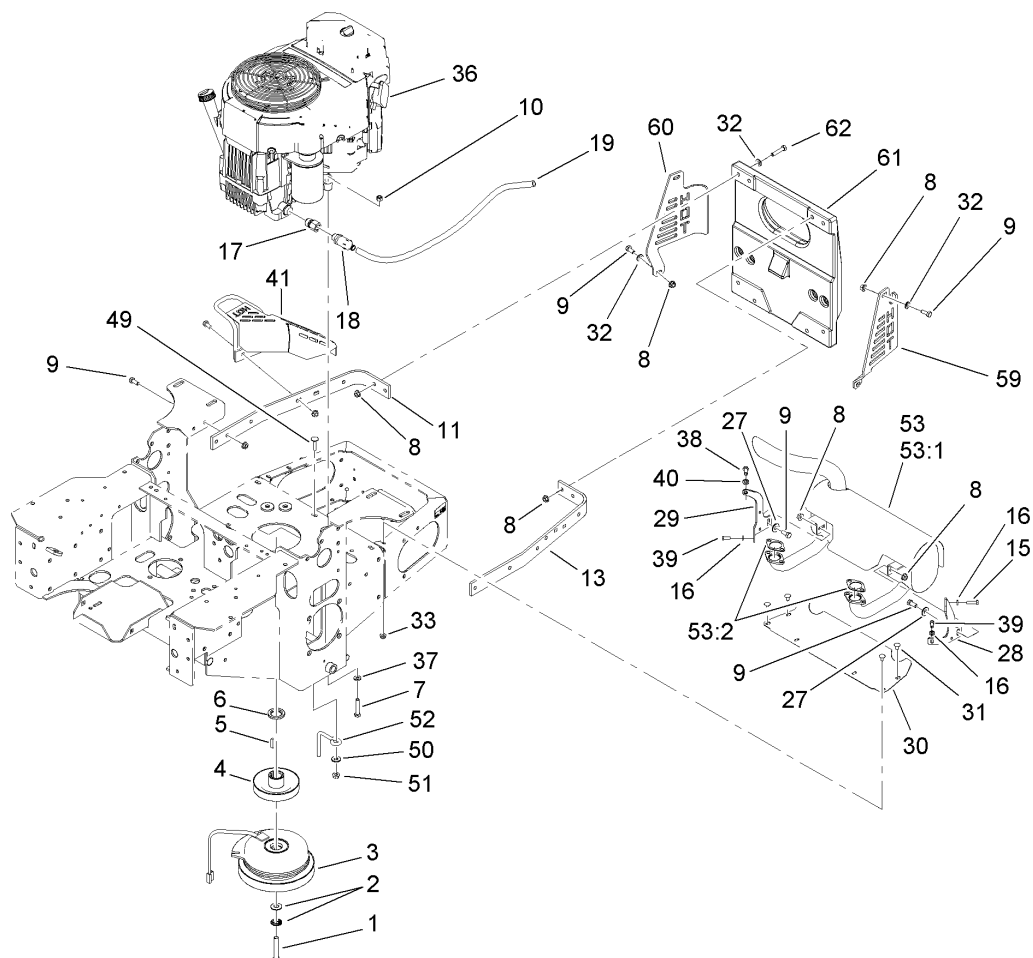
Hydraulic Pump Assembly No. 103-1942

Ref	Part No.	Qty.	Description
1	105-6184	1	Overhaul 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

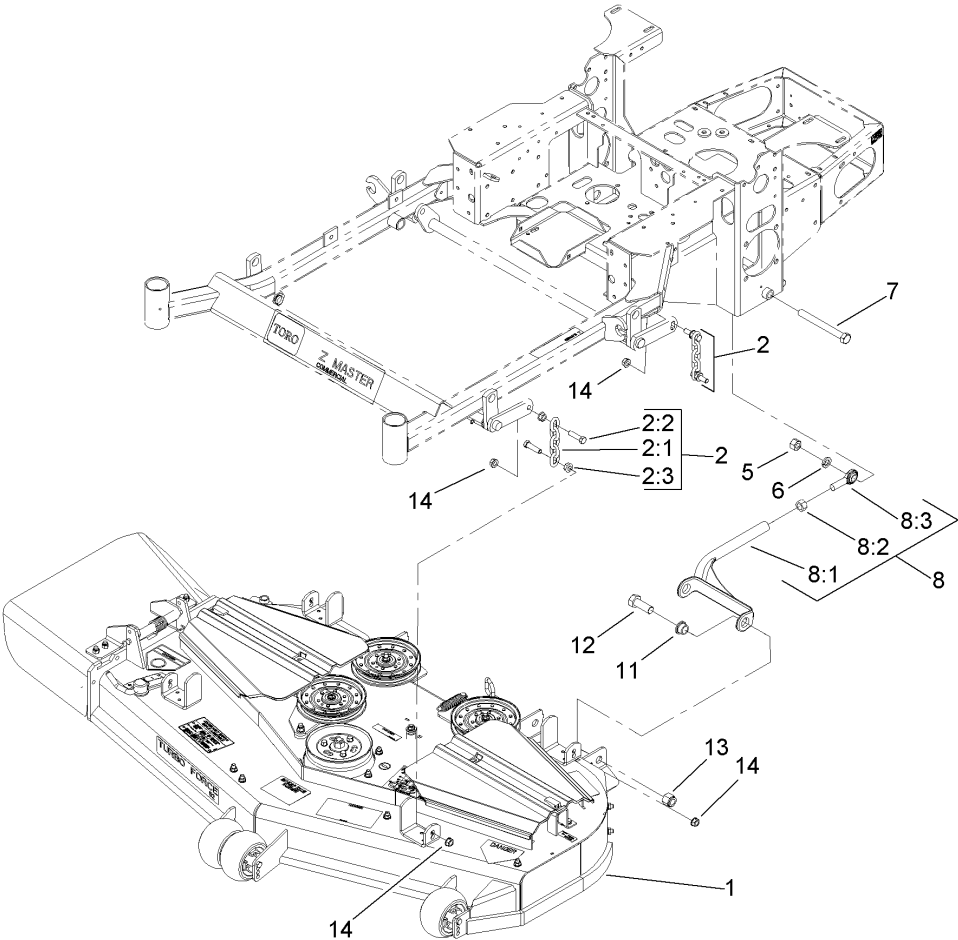
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF, Whiz				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock,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

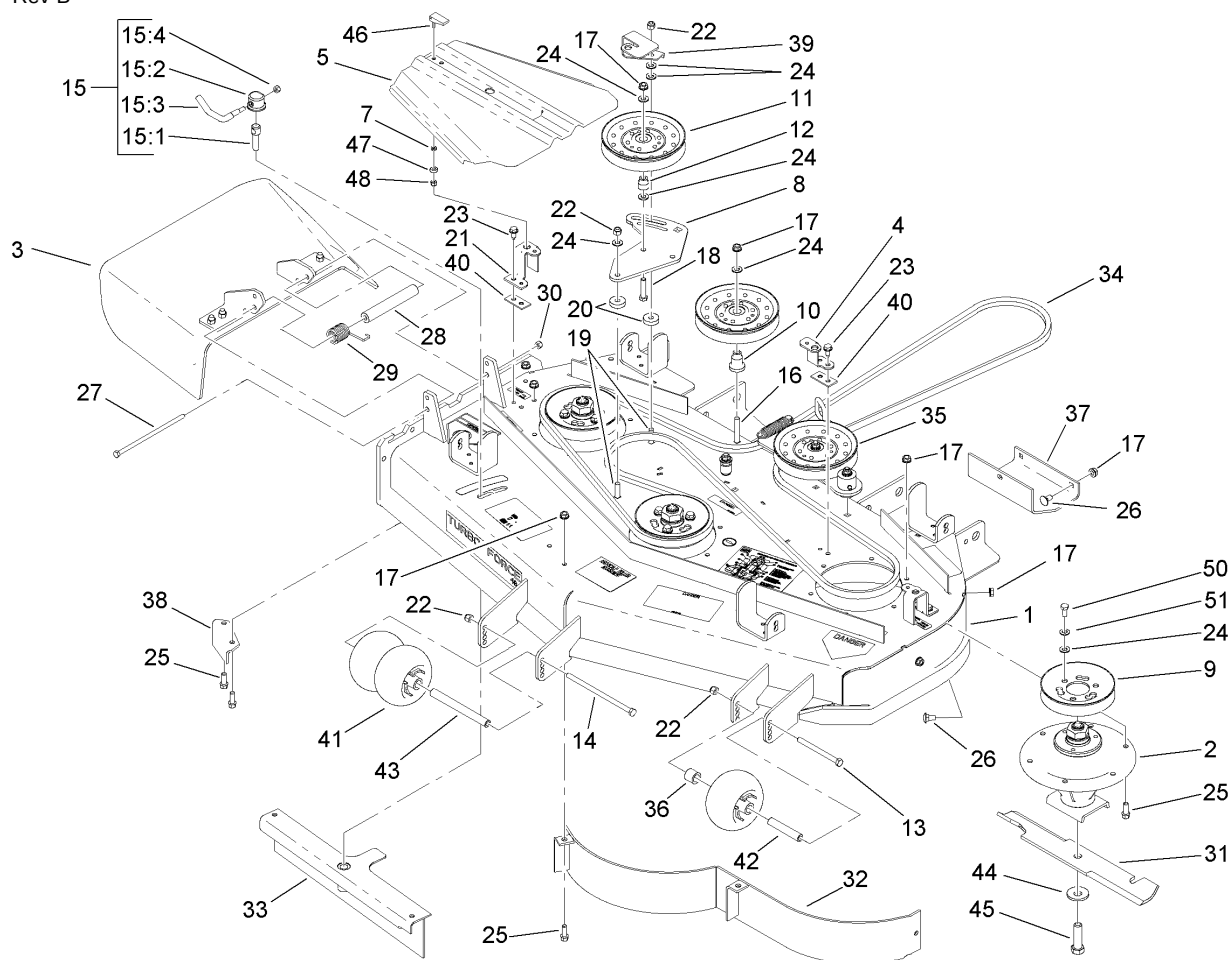
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	109-2916	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	15	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
13	103-3164-03	1	Strap-Guard, LH
15	33113-025	1	Screw-HH
16	1-805004	3	Washer-Lock
17	103-1966	1	Adapter
18	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	12	Washer-Flat
33	32128-33	4	Nut-HF

Ref	Part No.	Qty.	Description
1 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
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
53:1	103-2761	1	Muffler
53:2	1-653313	2	Gasket-Exhaust
59	103-3287-03	1	Guard-Muffler, LH
60	103-3288-03	1	Guard-Muffler, RH
61	107-8421-03	1	Weight-Notched, 60 Lb
62	322-7	8	Screw-HH



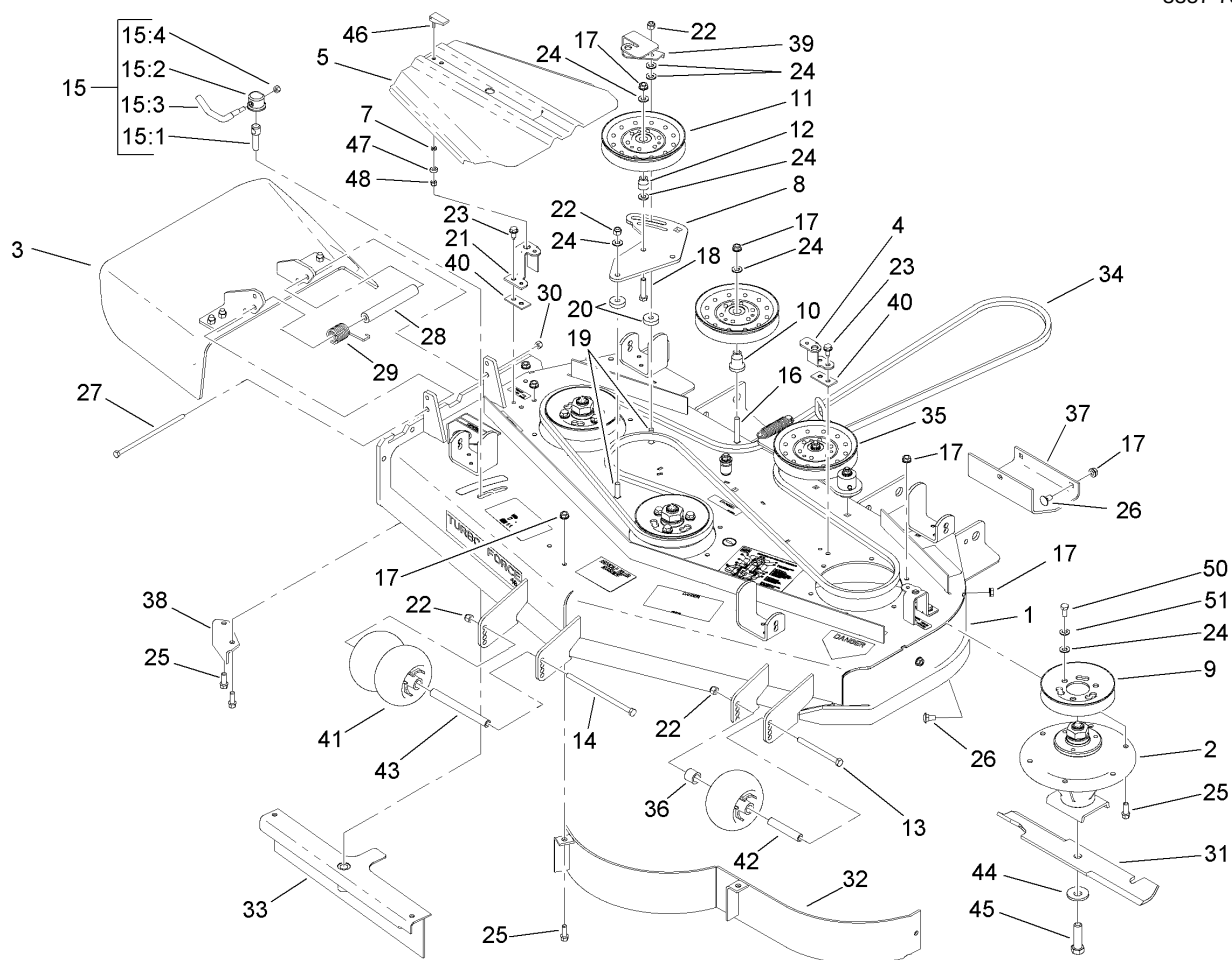
Deck Connection Assembly

Ref	Part No.	Qty.	Description				
❶ 1		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				



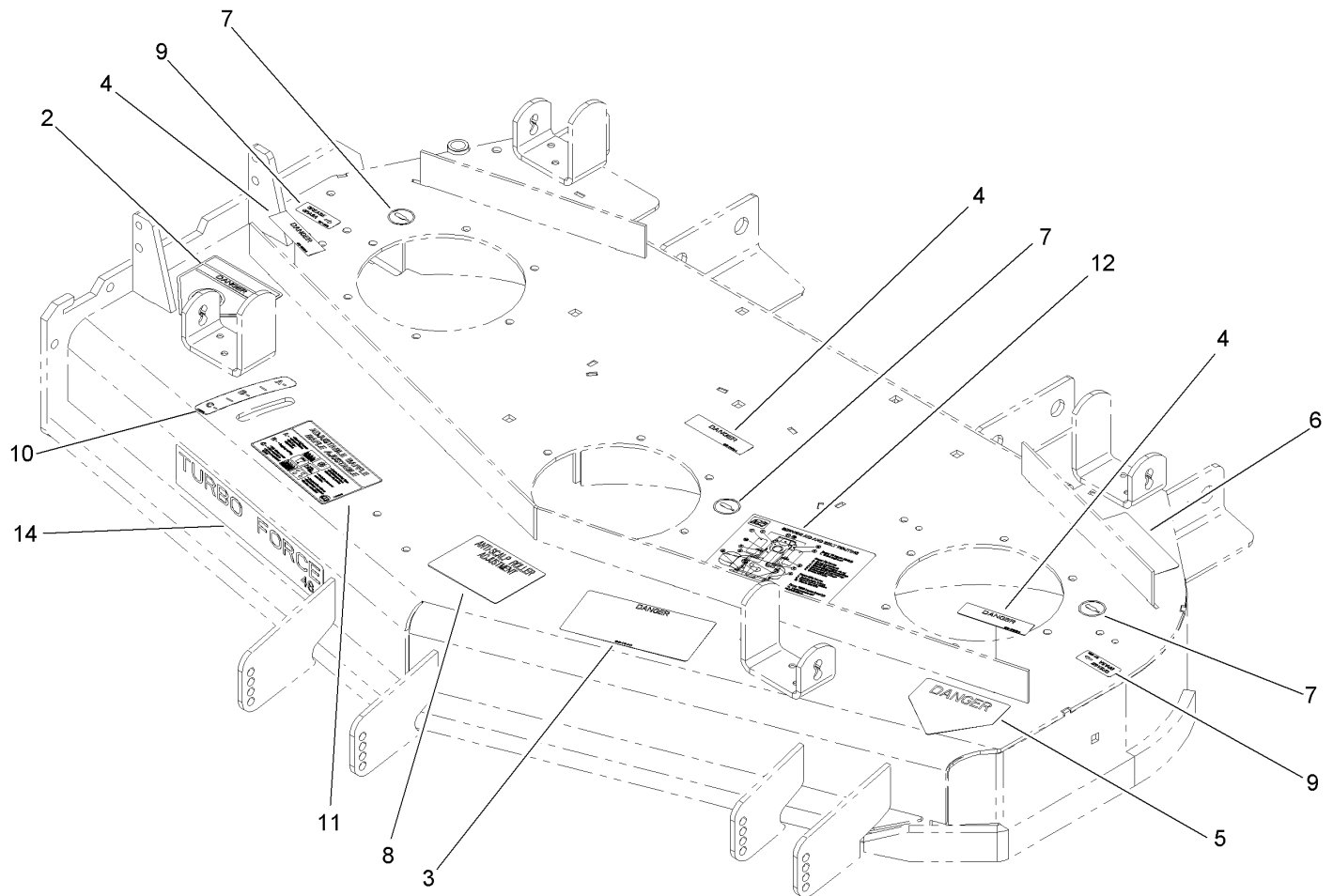
Deck Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-8515	1	Deck ASM	22	3296-39	4	Nut-Lock, NI
2	112-8698	3	Spindle ASM	23	32144-70	3	Screw-HWHTF
3	108-2792	1	Rubber Deflector ASM	24	3256-24	15	Washer-Flat
4	108-2177-01	1	Bracket-Cover, Tall	25	92-1624	23	Screw
5	112-8665	2	Cover-Belt	26	3231-1	7	Screw-CARR
7	99-3058	2	Washer	27	322-50	1	Screw-HH
8	107-8516-01	1	Plate-Idler	28	105-4622	1	Spacer
9	107-1684	3	Pulley	29	108-4052	1	Spring-Torsion
10	106-3214	1	Mount-Pulley	30	3296-29	1	Nut-Lock, NI
11	1-633109	2	Idler-Flat	31	107-3192-03	3	Blade-Rotary, 16.5 Inch (High Flow)
12	1-603496	1	Bushing-Idler	32	107-8510-01	1	Baffle ASM
13	323-23	1	Screw-HH	33	107-8506-01	1	Baffle ASM
14	323-28	1	Screw-HH	34	106-7369	1	Belt-V
15	107-1664	1	Lever ASM	35	107-3192-03	1	Spring Idler ASM
15:1	106-3239	1	Screw-Lock	36	98-7913	1	Tube-Spacer
15:2	107-1644	1	Cap-Lock	37	107-3166-01	1	Skid
15:3	106-3241	1	Lever-Lock	38	107-8541-01	1	Baffle-Discharge
15:4	3296-29	1	Nut-Lock, NI	39	108-2228-01	1	Bracket-Cover
16	3231-31	1	Screw-CARR	40	112-8663-01	3	Spacer-Cover, Belt
17	3290-357	32	Nut-HHF, Whiz	41	1-603299	3	Roller-Scalp, Anti
18	323-9	1	Screw-HH	42	98-7912	1	Tube-Spanner
19	3231-4	2	Screw-CARR	43	98-5967	1	Spacer-Wheel
20	105-7788	2	Spacer	44	103-0865	3	Washer-Blade Bolt, Heavy
21	108-4121-01	2	Bracket-Cover				



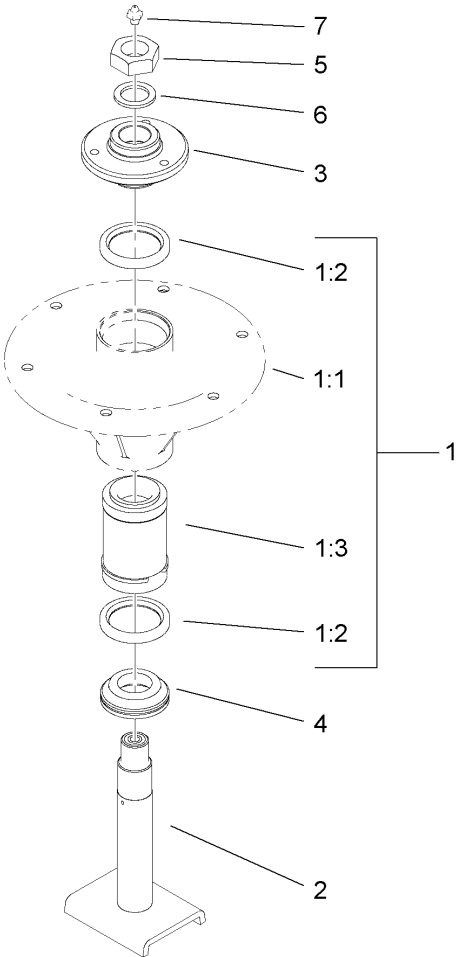
Deck Assembly (continued)

Ref	Part No.	Qty.	Description				
45	51-4060	3	Screw-Blade				
46	106-6777	2	Handle-Latch, Swell				
47	106-6778	2	Bushing-Latch, Swell				
48	1-804254	2	Nut				
50	323-4	9	Screw-HH				
51	3290-455	9	Washer-Belleville				
299	107-3193-03	3	Blade-Rotary, 16.5 Inch (Low Flow)				
299	107-3194-03	3	Blade-Rotary, 16.5 Inch (Med Flow)				
299	107-3195-03	3	Blade-Rotary, 16.5 Inch (Atomic)				
299	107-3196-03	3	Blade-Rotary, 16.5 Inch (Recycling)				



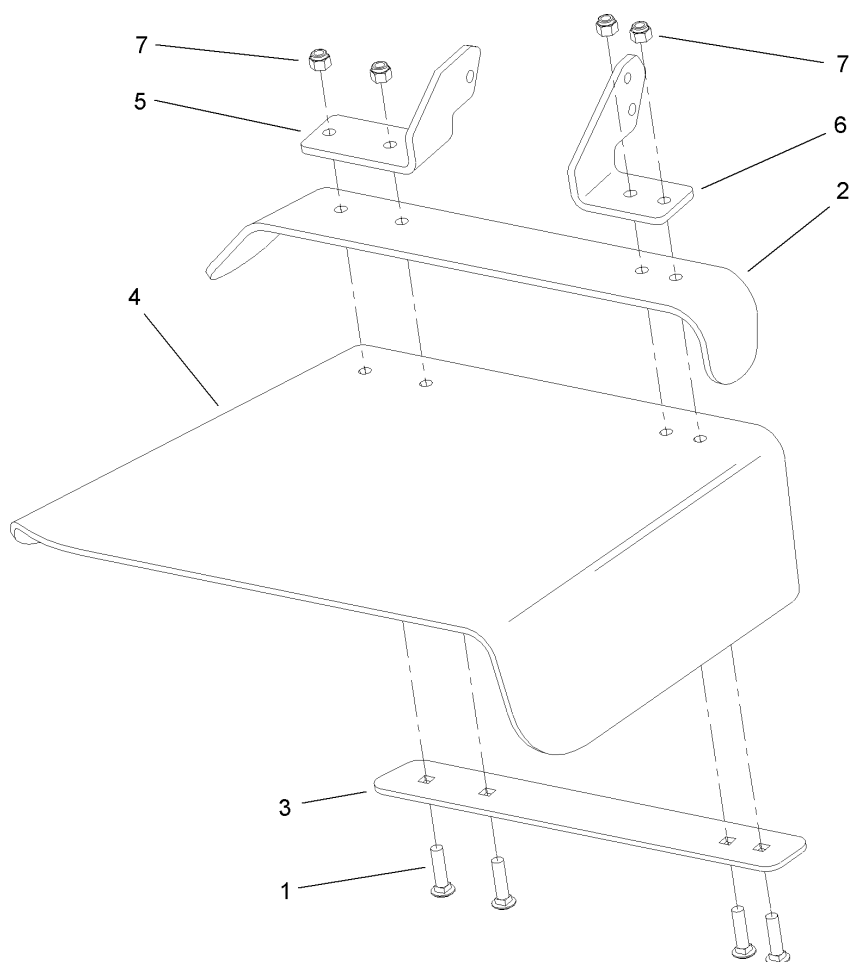
Deck Decal Assembly No. 107-8515

Ref	Part No.	Qty.	Description				
2	54-9220	1	Decal-Danger				
3	66-1340	1	Decal-Danger				
4	98-5954	3	Decal-Cover, Missing				
5	1-403005	1	Decal-Danger				
6	68-8340	1	Decal-Torque				
7	58-6520	3	Decal-Grease				
8	105-7798	1	Decal-Scalp, Anti				
9	107-1613	2	Decal-Grease				
10	110-2067	1	Decal-Setting, Baffle				
11	110-2068	1	Decal-Adjustment, Baffle				
12	107-1687	1	Decal-Aid, Service				
14	107-1690	1	Decal				



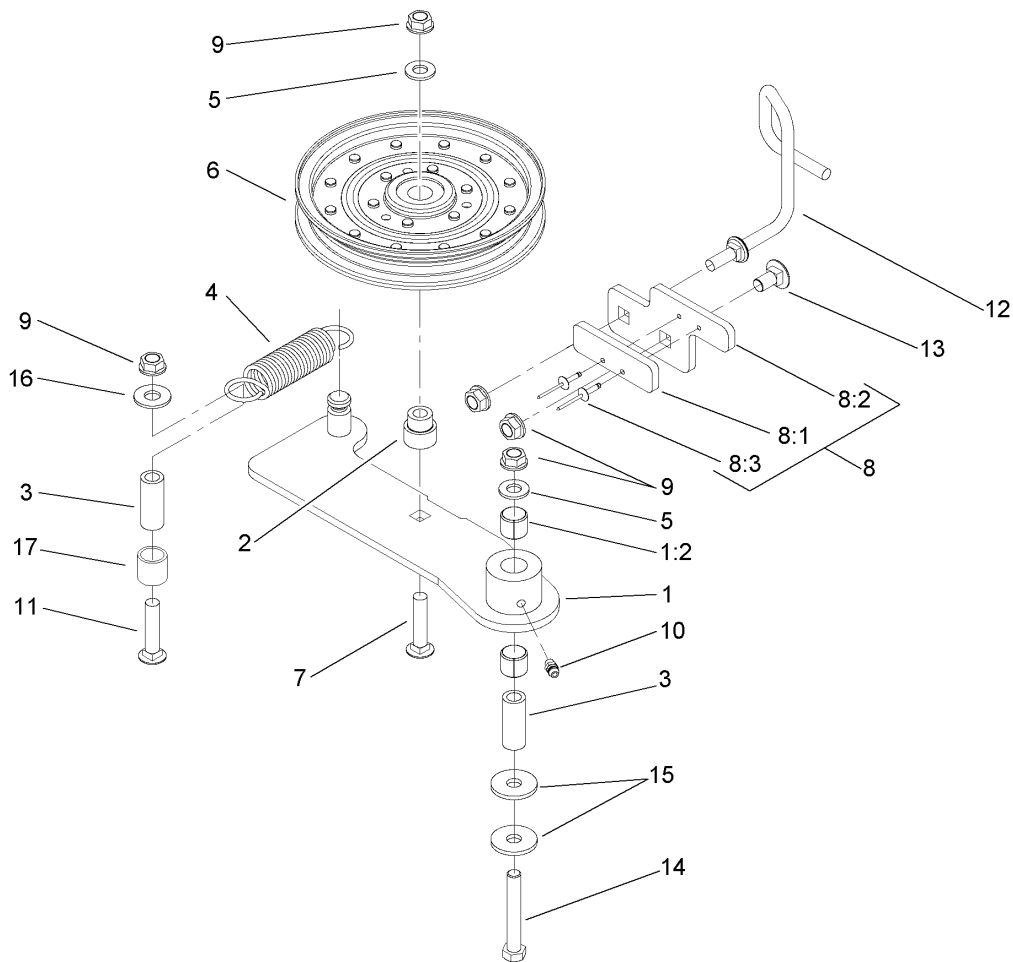
Spindle Assembly No. 112-8698

Ref	Part No.	Qty.	Description				
❶ 1		1	Spindle Bearing ASM				
❶ 1:1		1	Housing-Spindle				
1:2	253-154	2	Seal-Oil				
1:3	71-2530	1	Bearing/Spacer Kit				
2	110-3285	1	Spindle Shaft ASM				
3	114-1161	1	Hub-Spline				
4	69-6950	1	Spacer-Shaft, Spindle				
5	3296-49	1	Nut-Lock, NI				
6	3-8514	1	Washer-Thrust				
7	302-2	1	Fitting-Grease				



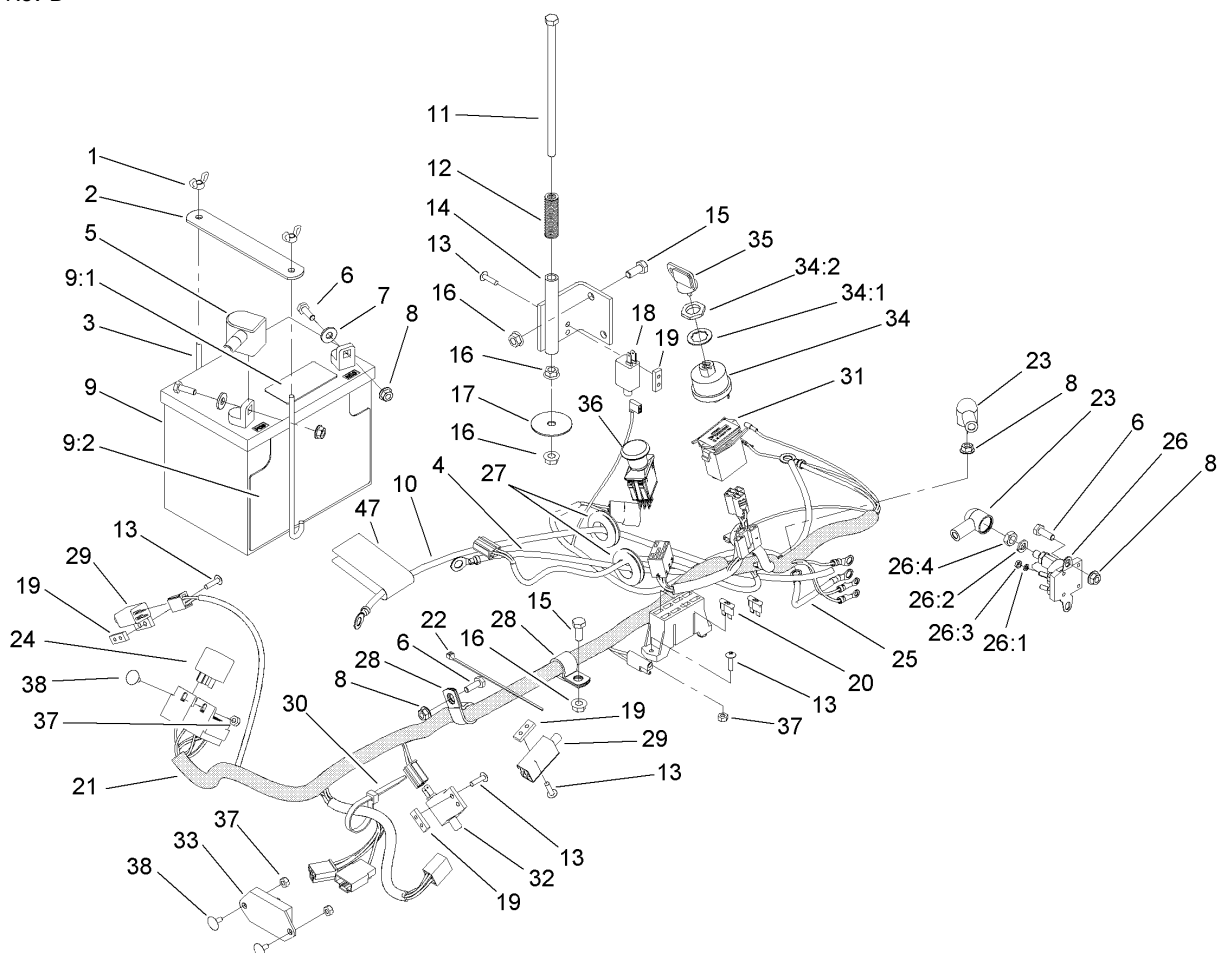
Rubber Deflector Assembly No. 108-2792

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



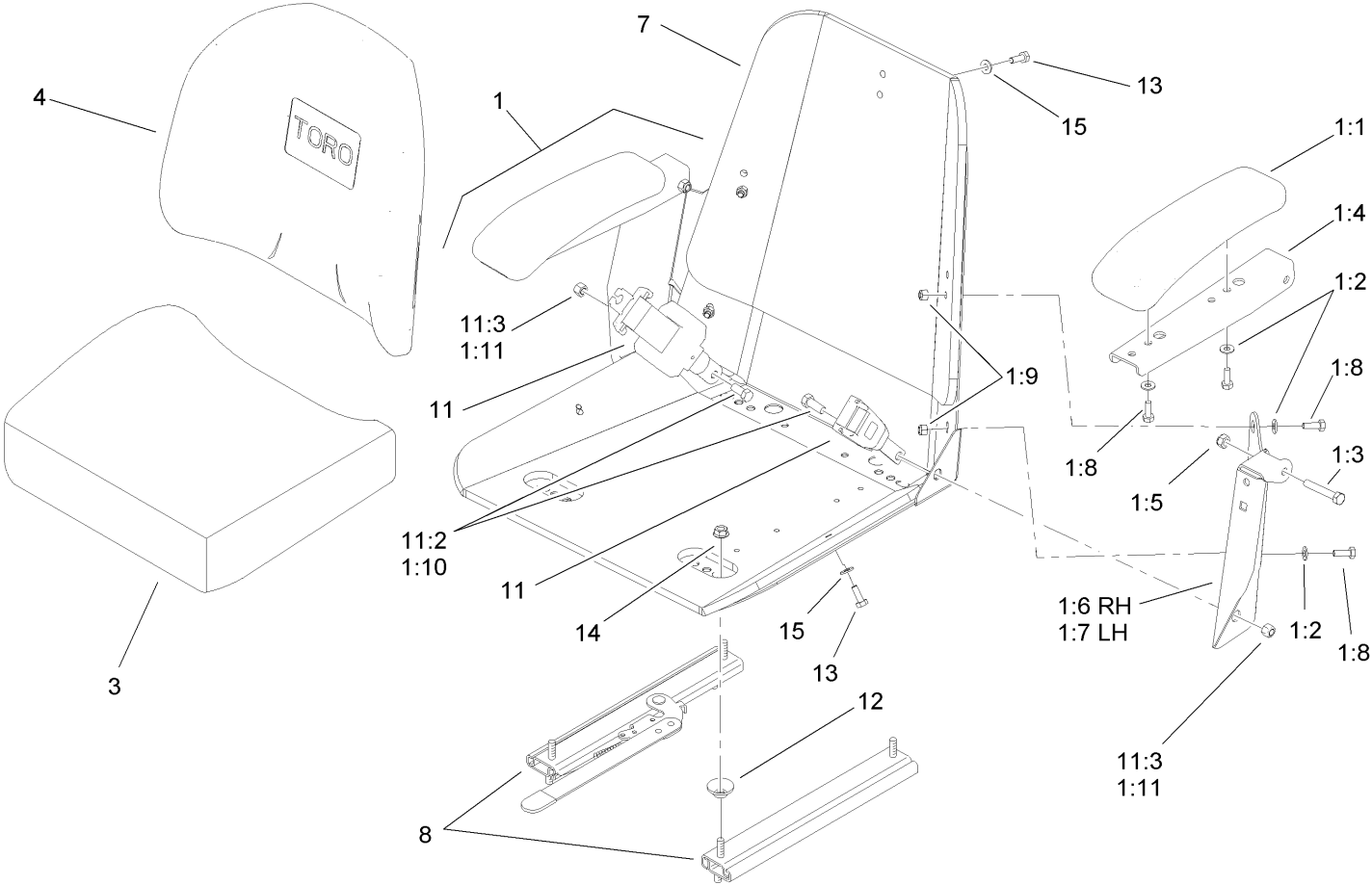
Idler Assembly

Ref	Part No.	Qty.	Description				
1	108-4062	1	Idler Arm ASM				
1:2	103-4681	2	Sleeve-Bearing				
2	1-603496	1	Bushing-Idler				
3	1-603044	2	Bushing				
4	108-4056	1	Spring-Extension				
5	3256-24	2	Washer-Flat				
6	1-633109	1	Idler-Flat				
7	3231-6	1	Screw-CARR				
8		1	Stop Pad ASM				
8:1	106-3229	1	Pad-Bumper				
8:2	107-1697-01	1	Plate-Stop				
8:3	3269-24	2	Rivet				
9	3290-357	5	Nut-HHF, 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				



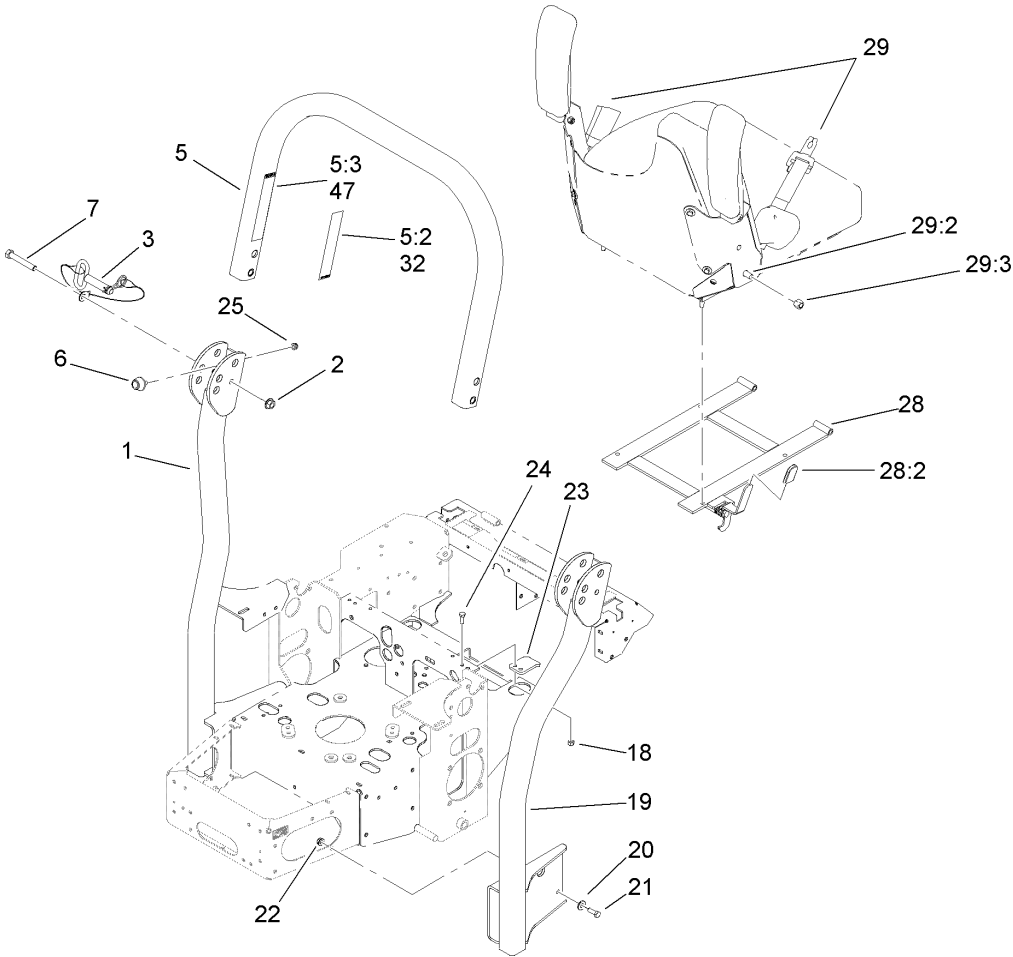
Electrical System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut	23	1-543393	3	Insulator-Solenoid
2	107-9277-03	1	Strap-Holddown, Battery	24	1-643275	2	Relay
3	1-633651	2	Bolt-Holddown	25	1-633306	1	Cable-Starter, Positive
4	103-0705	1	Cable-Ground, Negative	26	1-513075	1	Switch-Solenoid
5	1-543391	1	Insulator-Battery	26:1	3253-17	2	Washer-Lock
6	321-4	5	Screw-HH	26:2	3253-4	2	Washer-Lock
7	3256-2	2	Washer-Flat	26:3	3219-14	2	Nut-Hex
8	32128-33	6	Nut-HF	26:4	3220-2	2	Nut-Jam
9	105-1692	1	Battery	27	1-543286	2	Grommet
9:1	104-4163	1	Decal-Battery	28	1-633396	2	Clip-Loom
9:2	104-4164	1	Decal-Battery	29	1-513051	2	Switch-Open, Normally
10	103-0707	1	Cable-Battery, Positive	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-Key
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	1-816001	2	Fuse-Blade Type, 20 Amp	38	1-807513	4	Bolt-CARR
21	110-0318	1	Harness-Electrical	47	107-9309	1	Decal-Instructions, Charging
22	1-303287	3	Tie-Plastic				



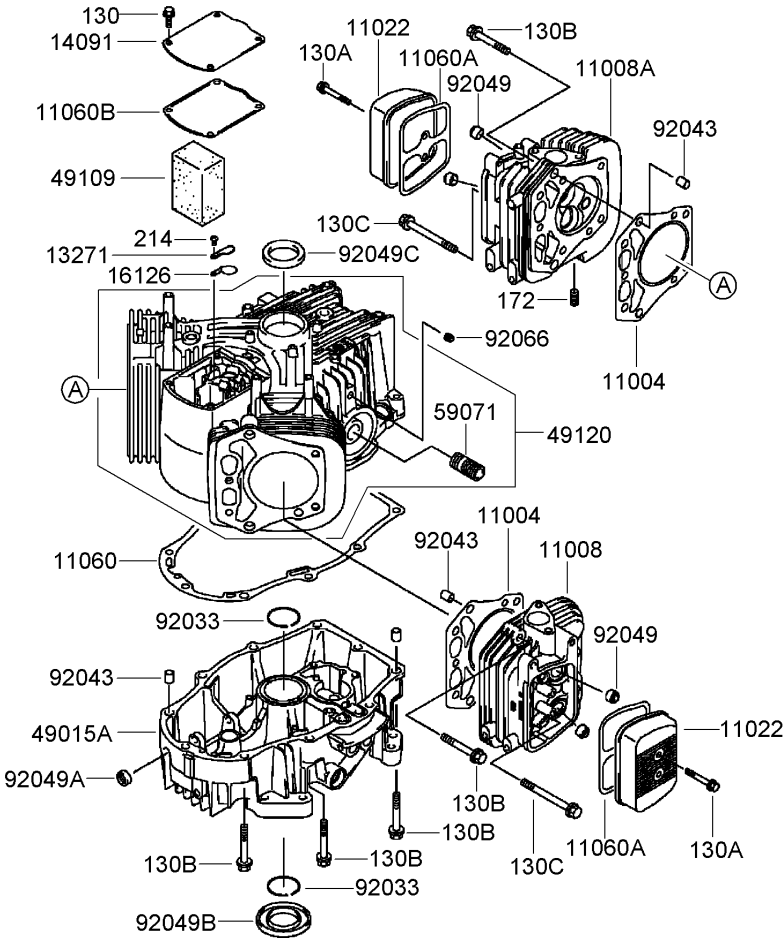
Seat Assembly No. 110-0446

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				
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				
❶1		1	LH Tube Support ASM				
2	32128-23	2	Nut-HF				
3	103-4553	2	ROPS Fold Pin ASM				
❶5		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				
❶19		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				
32	107-3069	1	Decal-Warning, Folding ROPS (Ce)				
47	107-2102	1	Decal-Warning, Folding ROPS				

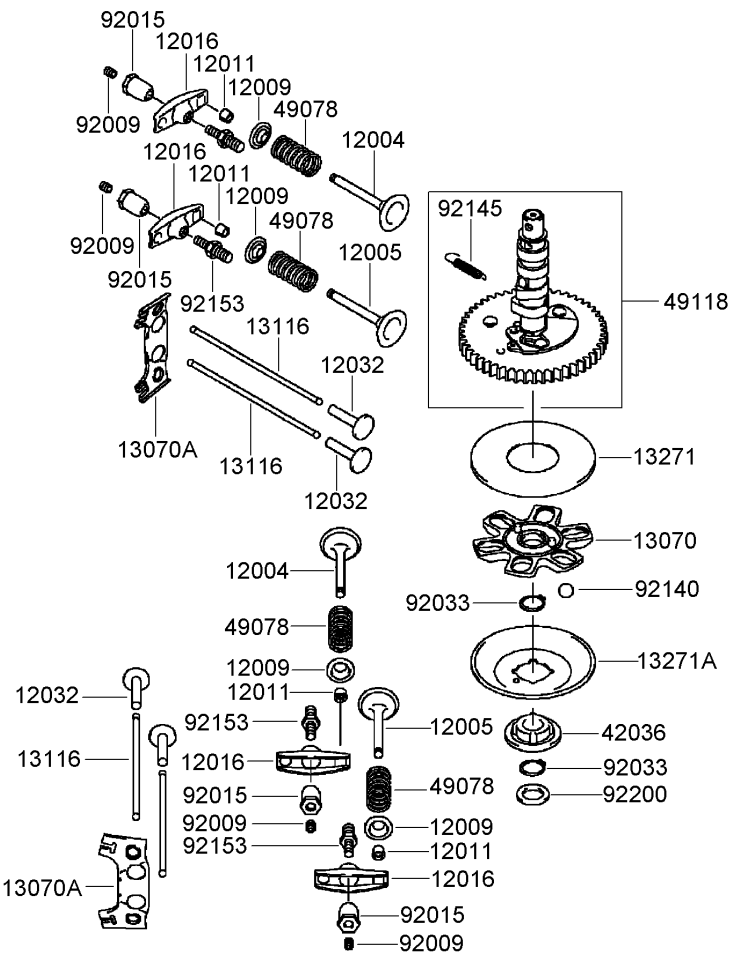


Cylinder and Crankcase Assembly

Kawasaki FH680V-DS21

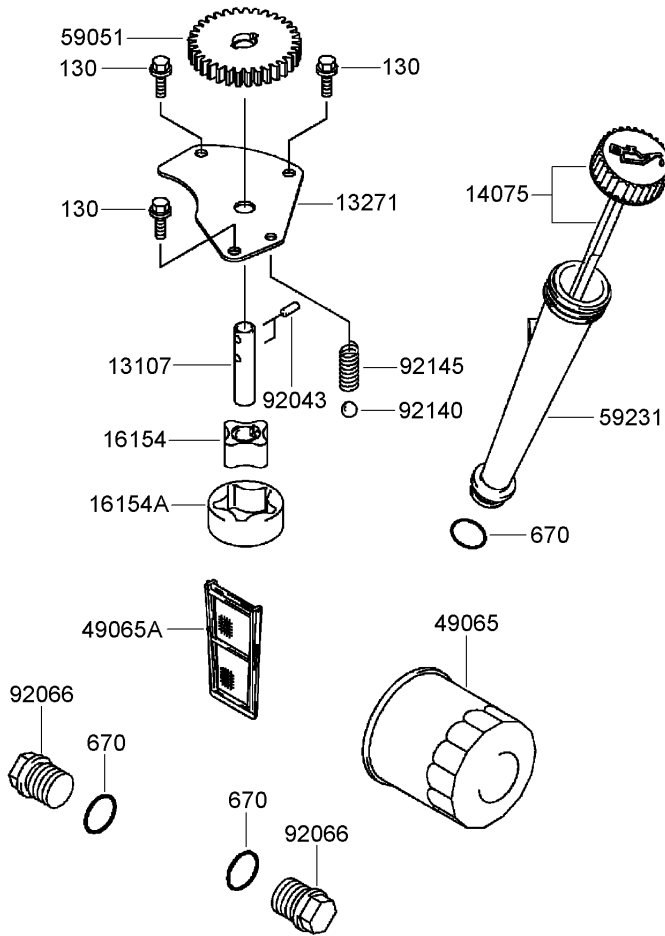
Ref	Part No.	Qty.	Description
❶11004	11004-7006	2	Gasket-Head
❶11008	11008-7023	1	Head-Cylinder, No.2
❶11008A	11008-7024	1	Head-Cylinder, No.1
❶11022	11022-7002	2	Case-Rocker
❶11060	11060-7012	1	Gasket-Cover, Crankcase
❶11060A	11060-7013	2	Gasket-Case, Rocker
❶11060B	11060-7014	1	Gasket-Breather
❶13271	13271-7006	1	Plate
❶14091	14091-7004	1	Cover
❶16126	16126-7001	1	Valve
❶49015A	49015-7064	1	Cover-Crankcase
❶49109	49109-7003	1	Element-Breather
❶49120	49120-7037	1	Crankcase
❶59071	59071-2079	1	Joint
❶92033	92033-7004	2	Ring-Snap
❶92043	92043-7001	6	Pin
❶92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)
❶92049A	92049-7005	1	Seal-Oil, S O (8X14X5 H S)
❶92049B	92049-7011	1	Seal-Oil, S D (35X62X8 L H S)
❶92049C	92049-7014	1	Seal-Oil, S D (35X52X7 R H S)
❶92066	92066-7002	1	Plug
❶130	130B0612	4	Bolt-Flanged (6X12)
❶130A	130B0640	4	Bolt-Flanged (6X40)
❶130B	130T0850	18	Bolt-Flanged (8X50)

Ref	Part No.	Qty.	Description
❶130C	130T0875	2	Bolt-Flanged (8X75)
❶172	172G0818	4	Bolt-Stud (8X18)
❶214	214B0408	1	Screw-Pan (4X8)



Valve and Camshaft Assembly
Kawasaki FH680V-DS21

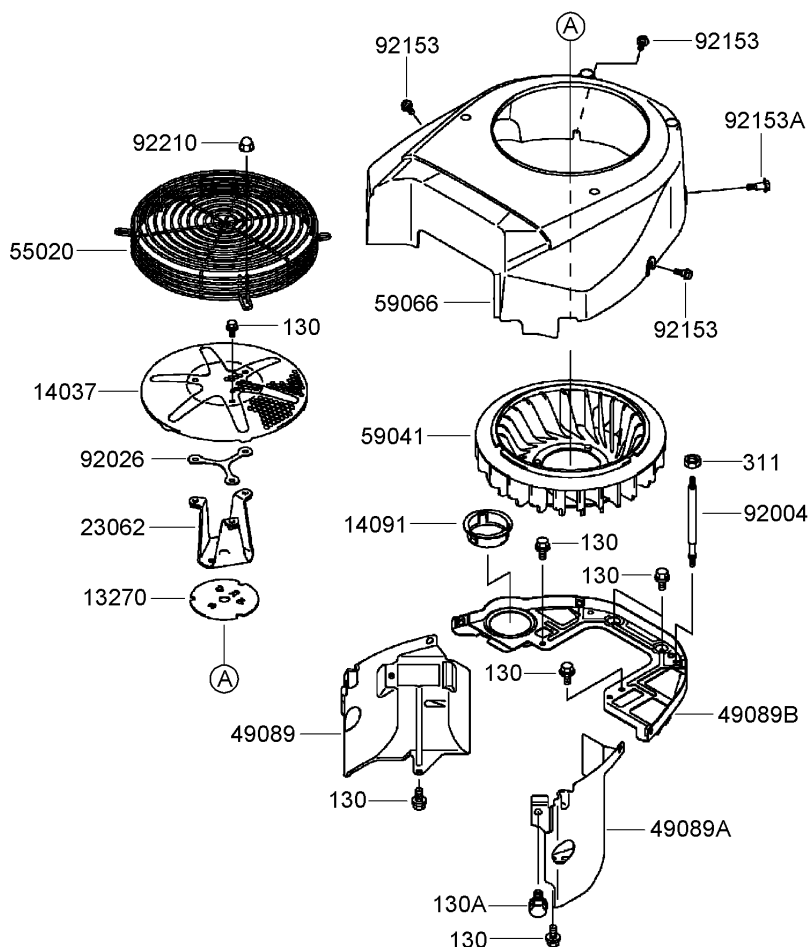
Ref	Part No.	Qty.	Description				
❶12004	12004-7002	2	Valve-Intake				
❶12005	12005-7004	2	Valve-Exhaust				
❶12009	12009-7001	4	Retainer-Spring, Valve				
❶12011	12011-2056	8	Collet				
❶12016	12016-7007	4	Arm-Rocker				
❶12032	12032-7001	4	Tappet				
❶13070	13070-7004	1	Guide				
❶13070A	13070-7007	2	Guide				
❶13116	13116-7002	4	Rod-Push				
❶13271	13271-7007	1	Plate				
❶13271A	13271-7021	1	Plate-Governor				
❶42036	42036-7010	1	Sleeve				
❶49078	49078-7002	4	Spring-Valve, Engine				
❶49118	49118-7007	1	Camshaft				
❶92009	92009-2341	4	Screw				
❶92015	92015-2253	4	Nut				
❶92033	92033-7001	2	Ring-Snap				
❶92140	92140-7002	6	Ball				
❶92145	92145-7001	1	Spring				
❶92153	92153-7019	4	Bolt				
❶92200	92200-7001	1	Washer				



Lubrication Equipment Assembly

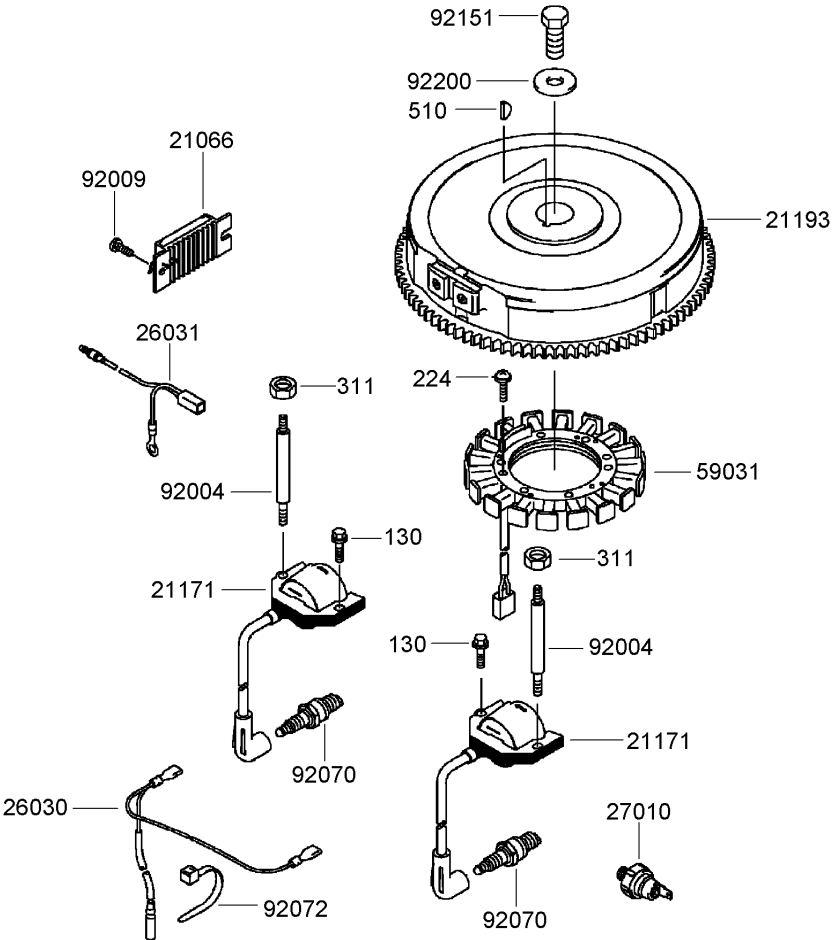
Kawasaki FH680V-DS21

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



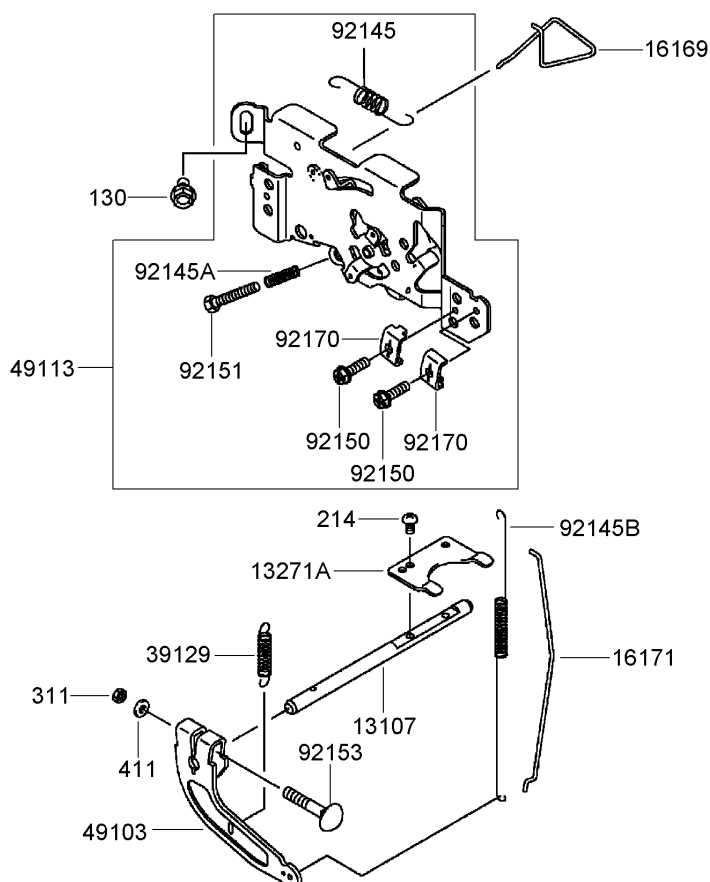
Cooling Equipment Assembly Kawasaki FH680V-DS21

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				
③49089	49089-7004	1	Shroud-Engine				
③49089A	49089-7005	1	Shroud-Engine				
③49089B	49089-7049	1	Shroud-Engine				
③55020	55020-7007	1	Guard				
③59041	59041-7003	1	Fan				
③59066	59066-7004	1	Housing-Fan				
③92004	92004-7006	2	Stud				
③92026	92026-7007	1	Spacer				
③92153	92153-7007	3	Bolt				
③92153A	92153-7008	1	Bolt				
③92210	92210-0003	4	Nut				
③130	130B0612	9	Bolt-Flanged (6X12)				
③130A	130B0816	1	Bolt-Flanged (8X16)				
③311	311B0600	2	Nut-Hex (6Mm)				



Electric Equipment Assembly
Kawasaki FH680V-DS21

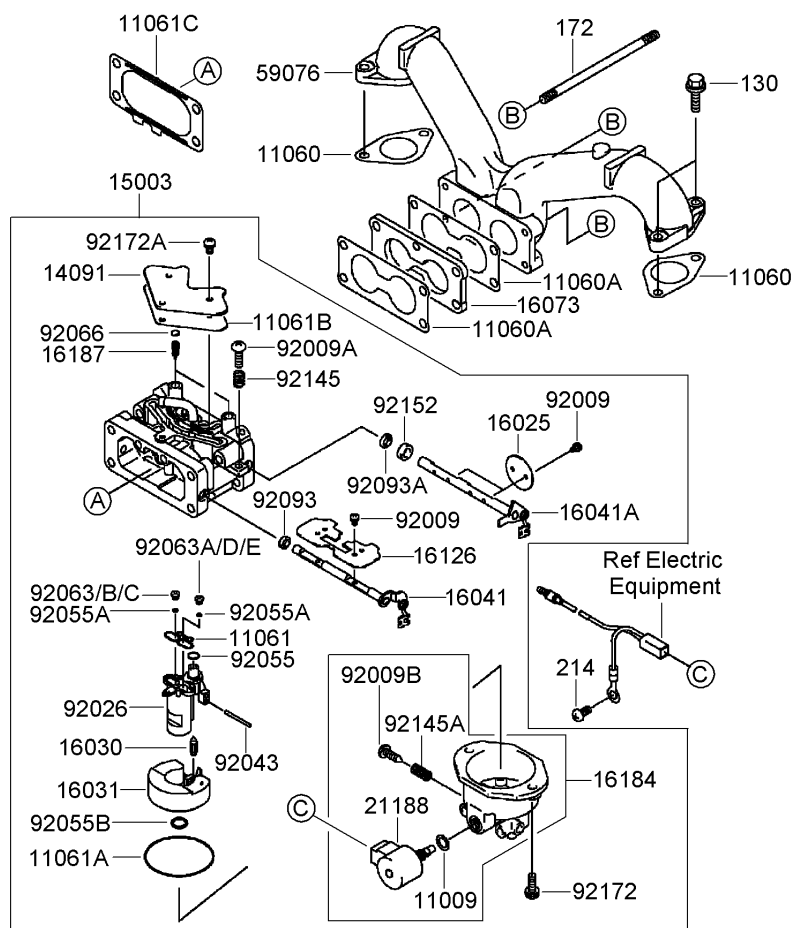
Ref	Part No.	Qty.	Description				
❸21066	21066-7011	1	Regulator-Voltage				
❸21171	21171-7013	2	Ignition Coil ASM				
❸21193	21193-7019	1	Flywheel-ASM				
❸26030	26030-7002	1	Harness				
❸26031	26031-7003	1	Harness				
❸27010	27010-7001	1	Switch				
❸59031	59031-7009	1	Coil-Charging				
❸92004	92004-7009	2	Stud				
❸92009	92009-2308	1	Screw				
❸92070	92070-7004	2	Sparkplug, B P R 4 E S (N G K) Solid				
❸92072	92072-7003	3	Band				
❸92151	92151-2097	1	Bolt (12X30)				
❸92200	92200-7002	1	Washer				
❸130	130B0620	2	Bolt-Flanged (6X20)				
❸224	224B0520	4	Screw-Pan (5X20)				
❸311	311B0600	2	Nut-Hex (6Mm)				
❸510	510A5100	1	Key-Woodruff				



Control Equipment Assembly

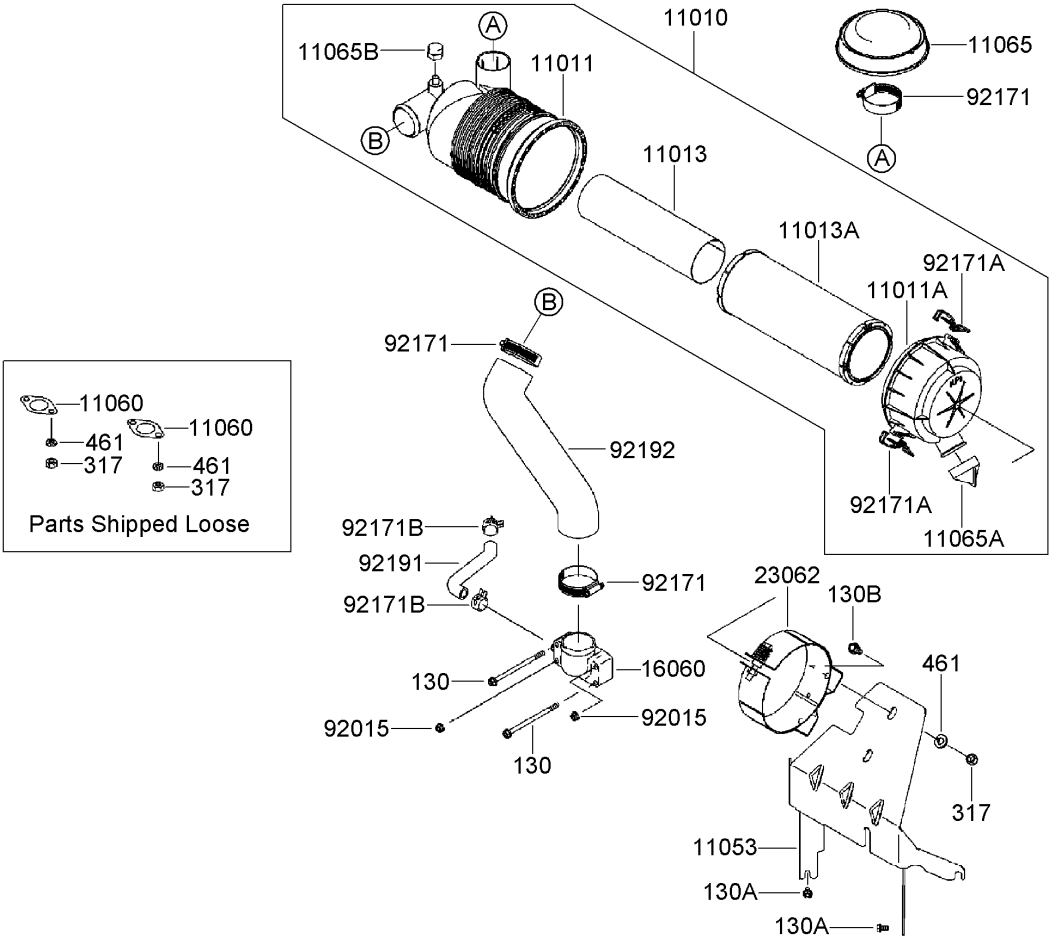
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
③13107	13107-7013	1	Shaft				
③13271A	13271-7032	1	Plate				
③16169	16169-7006	1	Link-Choke				
③16171	16171-7004	1	Link				
③39129	39129-7004	1	Spring-Governor				
③49103	49103-7004	1	Arm-Governor				
③49113	49113-7017	1	Panel-Control				
③92145	92145-7004	1	Spring				
③92145A	92145-7005	1	Spring				
③92145B	92145-7034	1	Spring				
③92150	92150-2182	2	Bolt (5X18)				
③92151	92151-7014	1	Bolt (5X30)				
③92153	92153-7033	1	Bolt (6X35)				
③92170	92170-7001	2	Clamp				
③130	130B0612	2	Bolt-Flanged (6X12)				
③214	214B0408	2	Screw-Pan (4X8)				
③311	311B0600	1	Nut-Hex (6Mm)				
③411	411B0600	1	Washer-Plain (6Mm)				



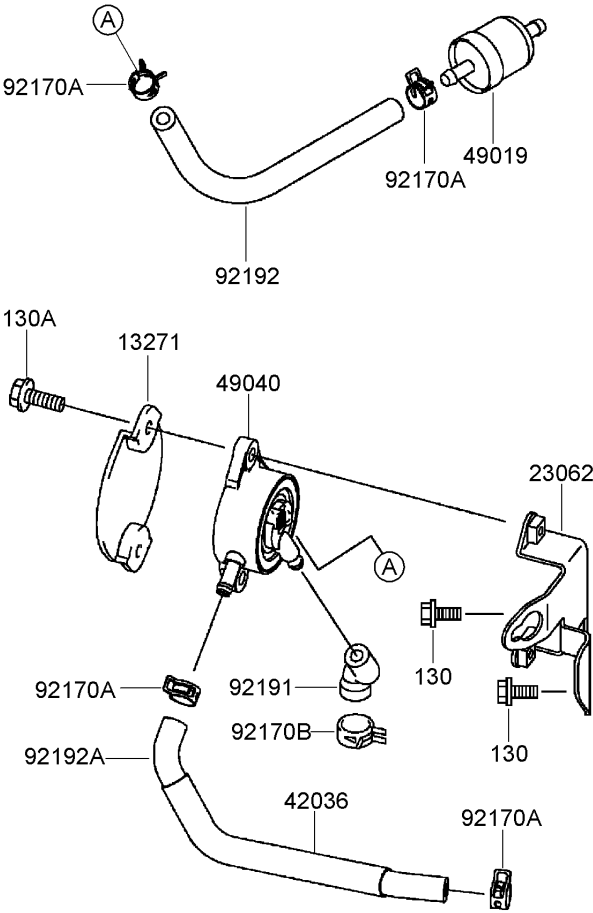
Carburetor Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
③11009	11009-2056	1	Gasket	③92043	92043-7014	1	Pin
③11060	11060-7011	2	Gasket-Manifold	③92055	92055-7012	1	O-Ring
③11060A	11060-7024	2	Gasket-Carburetor	③92055A	92055-7013	2	O-Ring
③11061	11061-7037	1	Gasket	③92055B	92055-7016	1	O-Ring
③11061A	11061-7038	1	Gasket	③92063	92063-7051	1	Jet-Main, No.104
③11061B	11061-7039	1	Gasket	③92063A	92063-7054	1	Jet-Main, No.108
③11061C	11061-7043	1	Gasket	③92063B	92063-7075	1	Jet-Main, No.101 (3280)
③14091	14091-7031	1	Cover	③92063C	92063-7076	1	Jet-Main, No.098 (6560)
③15003	15003-7120	1	Carburetor ASM	③92063D	92063-7077	1	Jet-Main, No.105 (3280)
③16025	16025-7003	2	Valve-Throttle	③92063E	92063-7078	1	Jet-Main, No.102 (6560)
③16030	16030-7004	1	Valve-Float	③92066	92066-7009	2	Plug, Extension
③16031	16031-7003	1	Float	③92093	92093-7001	1	Seal (I D 5.9)
③16041	16041-7021	1	Shaft-Carburetor	③92093A	92093-7002	1	Seal (I D 6.9)
③16041A	16041-7024	1	Shaft-Carburetor	③92145	92145-7010	1	Spring
③16073	16073-7005	1	Insulator	③92145A	92145-7011	1	Spring
③16126	16126-7015	1	Valve	③92152	92152-7005	1	Collar
③16184	16184-7017	1	Chamber Float ASM	③92172	92172-7005	2	Screw
③16187	16187-7002	2	Needle-Jet	③92172A	92172-7006	3	Screw
③21188	21188-7003	1	Solenoid	③130	130B0620	4	Bolt-Flanged (6X20)
③59076	59076-7002	1	Manifold-Intake	③172	172G06105	2	Bolt-Stud (6X10.5)
③92009	92009-7003	6	Screw	③214	214B0510	1	Screw-Pan (5X10)
③92009A	92009-7004	1	Screw				
③92009B	92009-7006	1	Screw-Drain				
③92026	92026-7011	1	Spacer				



Air Filter and Muffler Assembly
Kawasaki FH680V-DS21

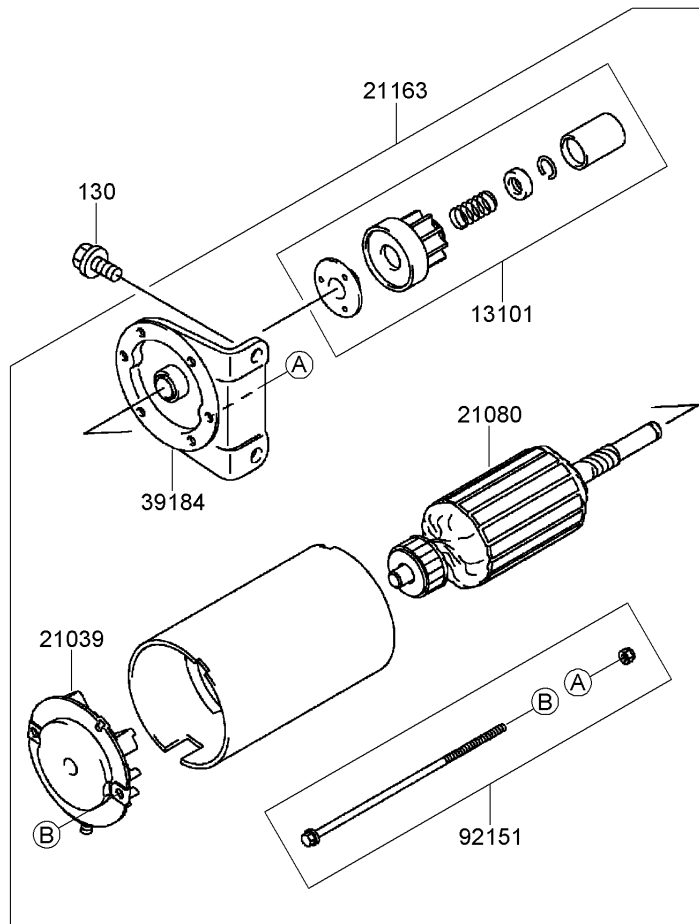
Ref	Part No.	Qty.	Description				
❶11010	11010-7011	1	Air Filter ASM				
❶11011	11011-7013	1	Case-Filter, Air				
❶11011A	11011-7014	1	Case-Filter, Air				
❶11013	11013-7019	1	Element-Filter, Air				
❶11013A	11013-7020	1	Element-Filter, Air				
❶11053	11053-7016	1	Bracket				
❶11060	11060-7016	2	Gasket-Muffler				
❶11065	11065-7006	1	Cap				
❶11065A	11065-7008	1	Cap				
❶11065B	11065-7009	1	Cap				
❶16060	16060-7021	1	Pipe-Intake				
❶23062	23062-7009	1	Bracket				
❶92015	92015-1193	2	Nut				
❶92171	92171-7007	3	Clamp				
❶92171A	92171-7009	2	Clamp				
❶92171B	92171-7013	2	Clamp				
❶92191	92191-7006	1	Tube				
❶92192	92192-7030	1	Tube				
❶130	130B06105	2	Bolt-Flanged (6X10.5)				
❶130A	130B0612	2	Bolt-Flanged (6X12)				
❶130B	130B0814	2	Bolt-Flanged (8X14)				
❶317	317R0800	6	Nut-Hex (8Mm)				
❶461	461F0800	6	Washer-Spring (8Mm)				



Fuel Tank and Valve Assembly

Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
③13271	13271-7004	1	Plate				
③23062	23062-7004-9H	1	Bracket				
③42036	42036-7012	1	Sleeve				
③49019	49019-7001	1	Filter-Fuel				
③49040	49040-7001	1	Pump-Fuel				
③92170A	92170-2088	4	Clamp				
③92170B	92170-7003	1	Clamp				
③92191	92191-7027	1	Tube				
③92192	92192-7037	1	Tube (6.35X12.7X160)				
③92192A	92192-7039	1	Tube (6.35X12.7X200)				
③130	130B0616	2	Bolt-Flanged (6X16)				
③130A	130B0620	2	Bolt-Flanged (6X20)				



Starter Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
③13101	13101-7003	1	Gear ASM				
③21039	21039-7004	1	Brush				
③21080	21080-7001	1	Armature				
③21163	21163-7010	1	Starter-Electric				
③39184	39184-7004	1	Bracket ASM				
③92151	92151-7013	1	Bolt				
③130	130B0816	2	Bolt-Flanged (8X16)				

Attachments and Accessories

For 74417CP - Z453 Z Master, With 48in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Deck Lift Assist Kit	106-9749
Striping Kit	107-1630
Deluxe Suspension Seat	107-1891
Suspension Kit for Standard Seat	107-1892
Z Stand Kit	107-8599
Recycler Kit	108-2209
Mower Deck Lift Assist Kit	108-4090
Bagging Enhancement Kit	108-4091
Blade-Hi Flow, 16.5 Inch (6 Pack)	110-0414
Blade-Lo Flow, 16.5 Inch (6 Pack)	110-0415
Blade-Recycler, 16.5 Inch (6 Pack)	110-0416
Blade-Atomic, 16.5 Inch (6 Pack)	110-0417
Blade-Mid Flow, 16.5 Inch (6 Pack)	110-0418
Sunshade-Bimini	110-5726
Channel Reinforcement Kit	112-8673
Twin Bagger	78507
DFS Vac Collection System	78510
48 Inch Finishing Kit	78511
Hitch Kit	99-8924

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