



Z453 Z Master[®]

With 52in TURBO FORCE[®] Side Discharge Mower

Model No. 74416CP - 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

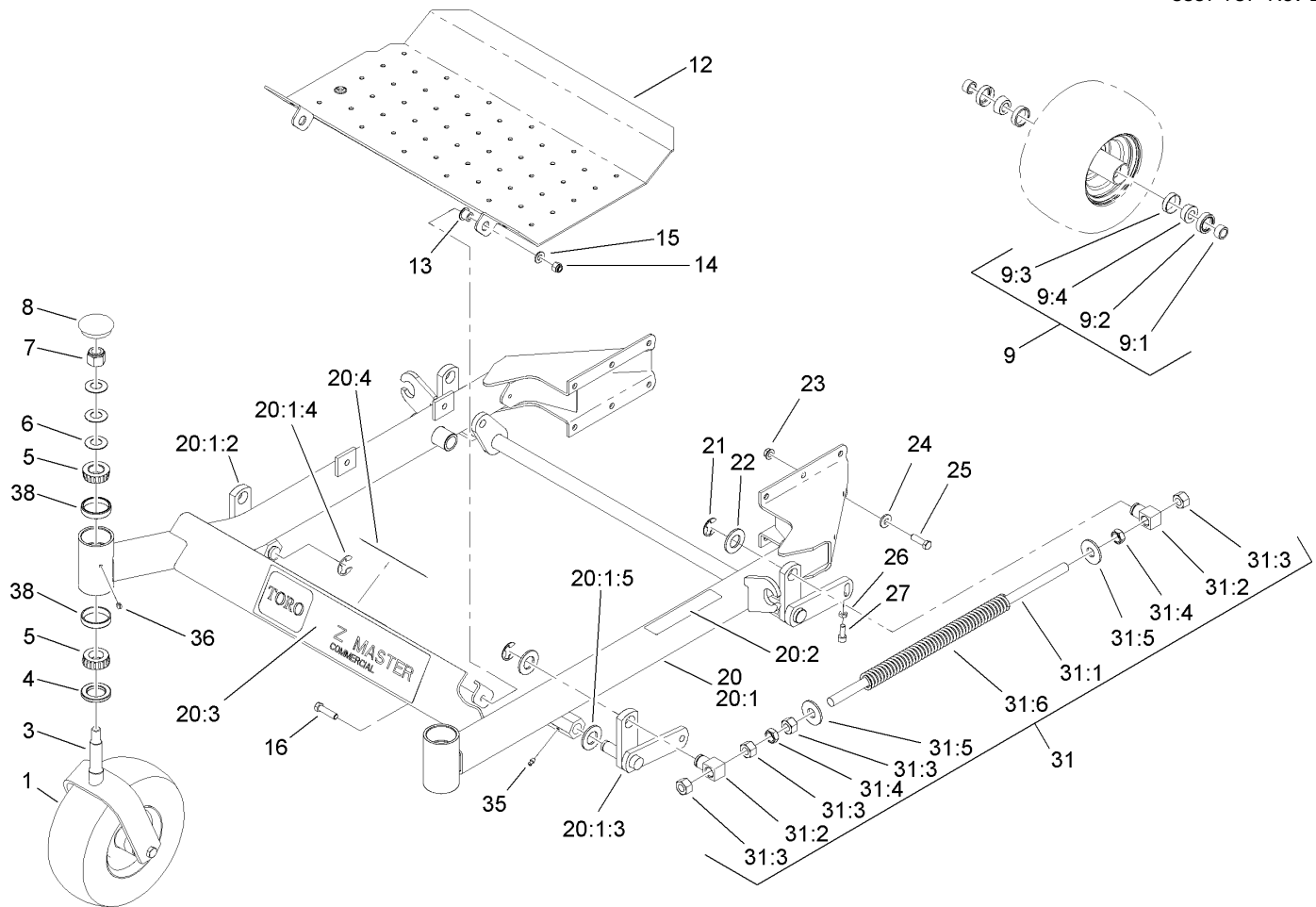
Part descriptions in this catalog may include the following abbreviations.

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 illustrated
- ❷ Obtain from your local Kawasaki dealer

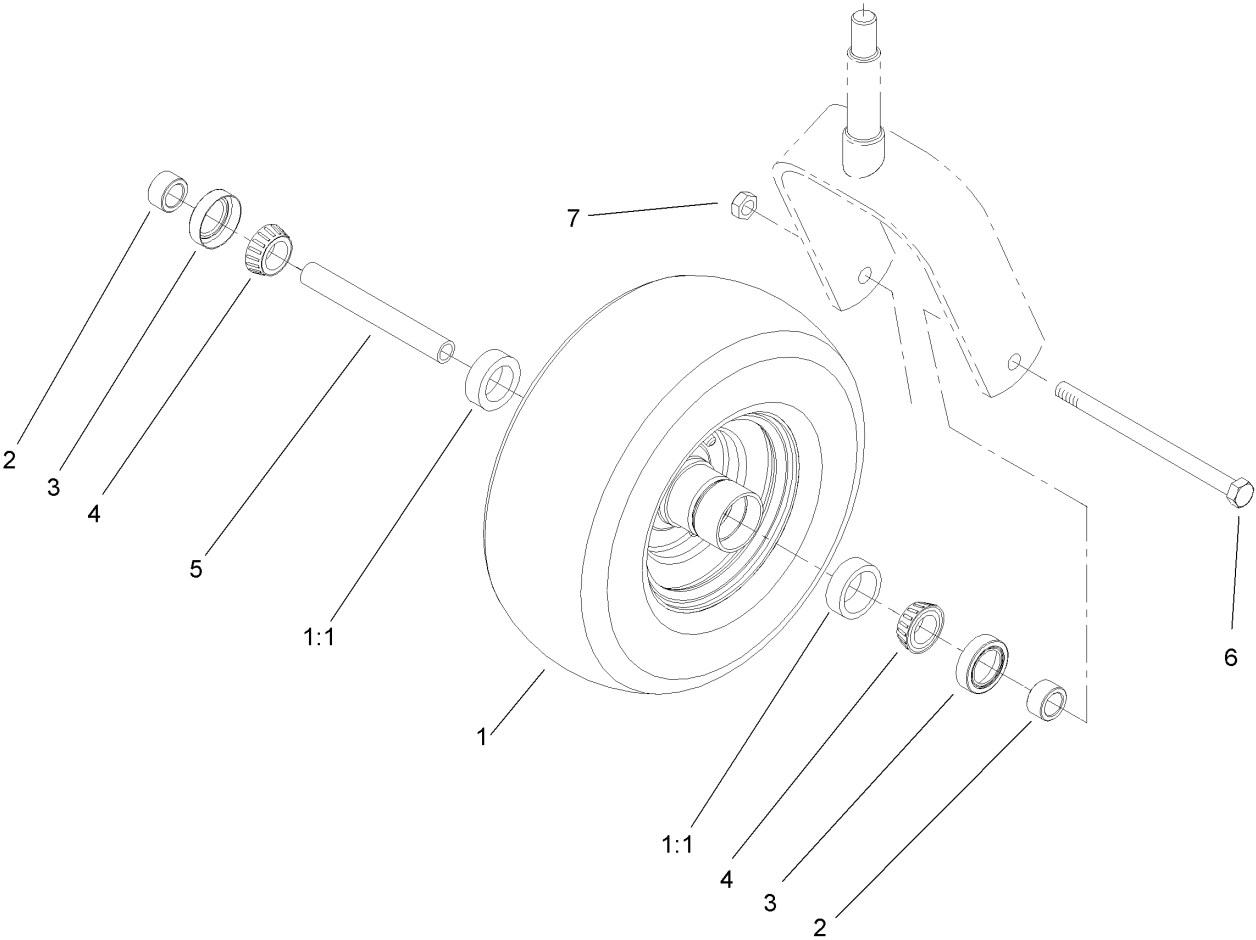
- ❸ Not serviced separately



Front Frame Assembly

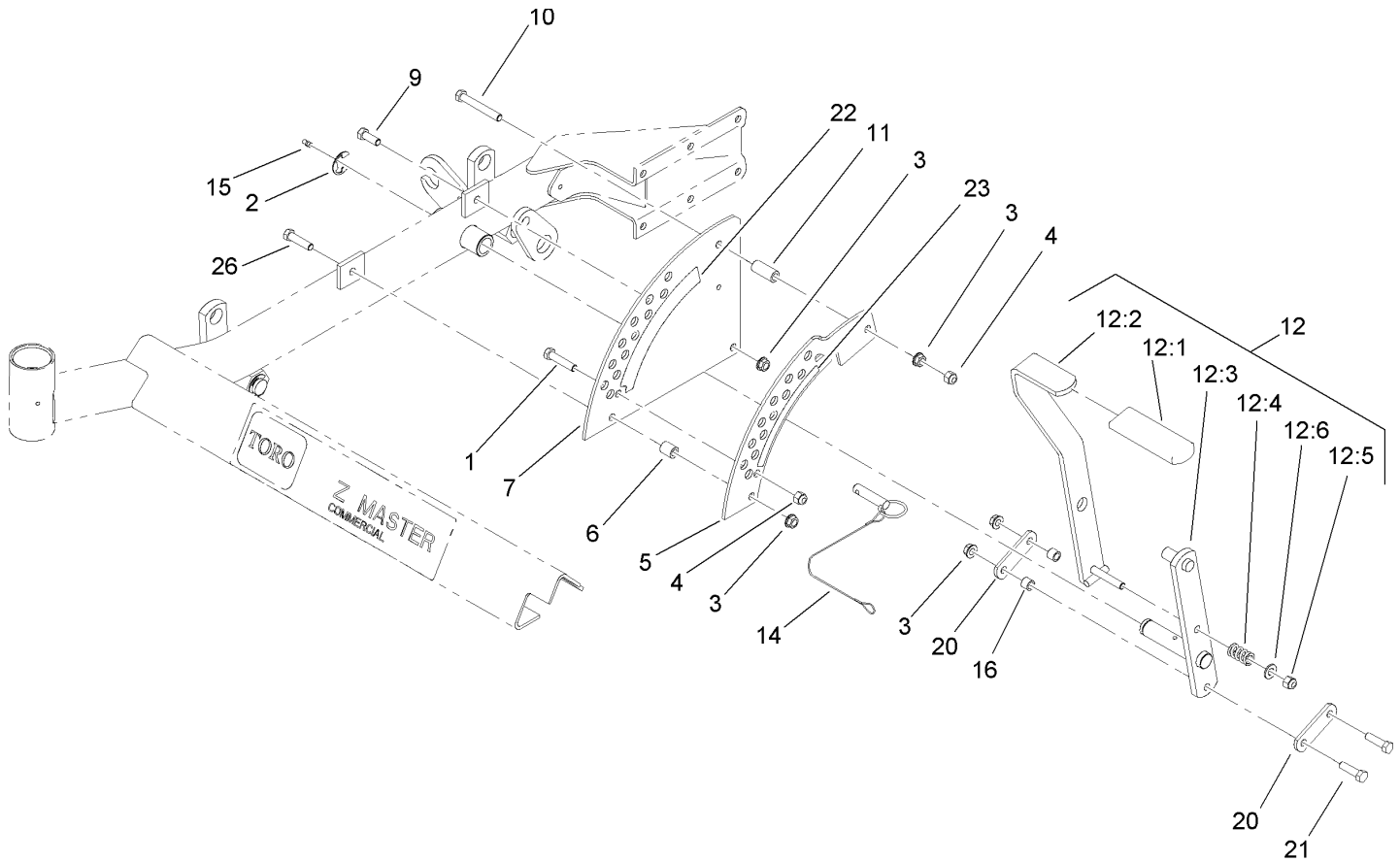
Ref	Part No.	Qty.	Description
1	110-5745	2	Semi Pnuematic Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	103-4882	2	Cap-Grease
9	110-8837	1	Caster Wheel Bearing Kit
9:1	1-633581	2	Spacer-Bearing
9:2	1-633580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

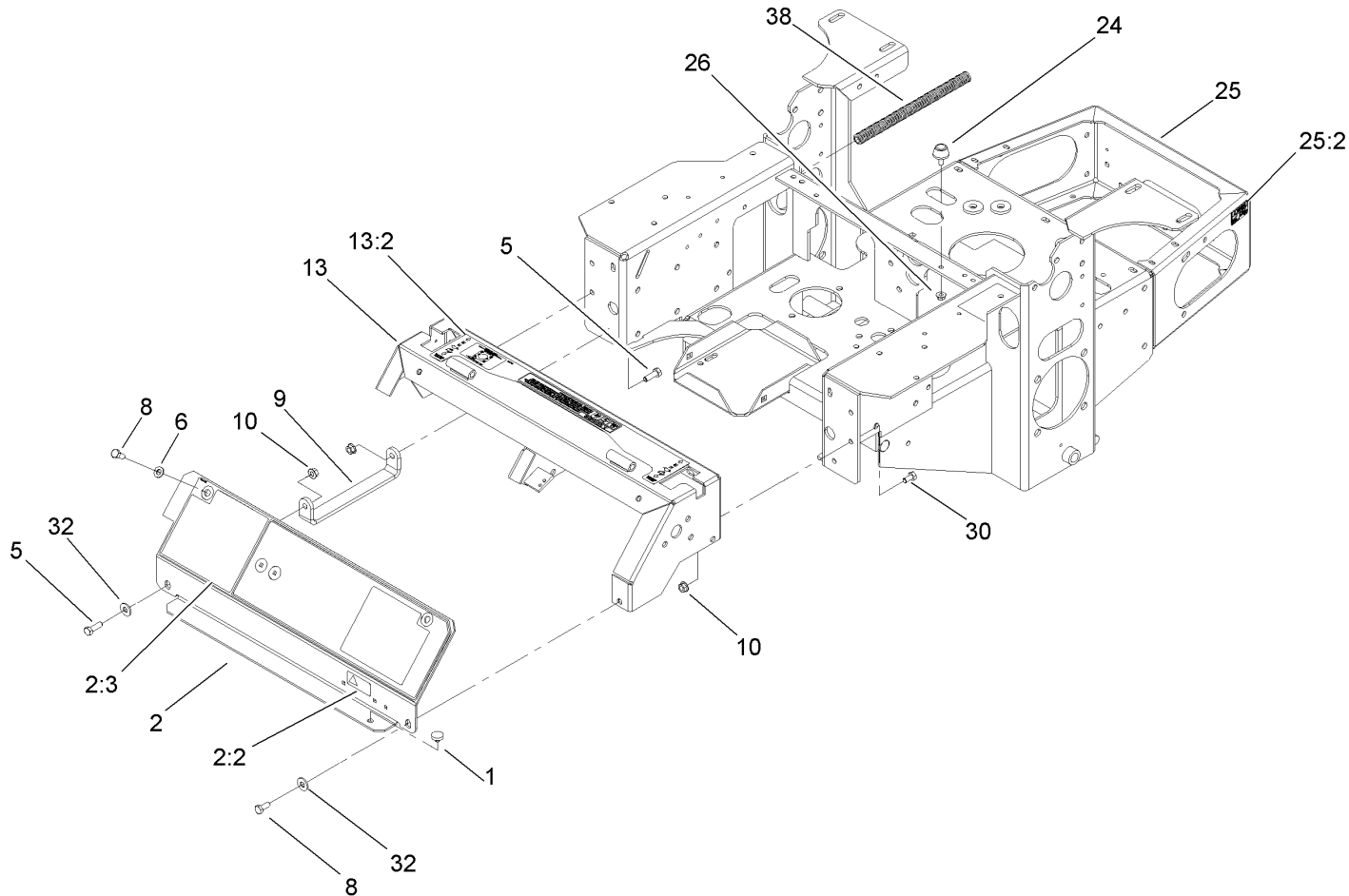
Ref	Part No.	Qty.	Description				
1	110-5743	1	Wheel And Tire ASM (Semi-Pneumatic)				
1:1	1-633584	1	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock,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

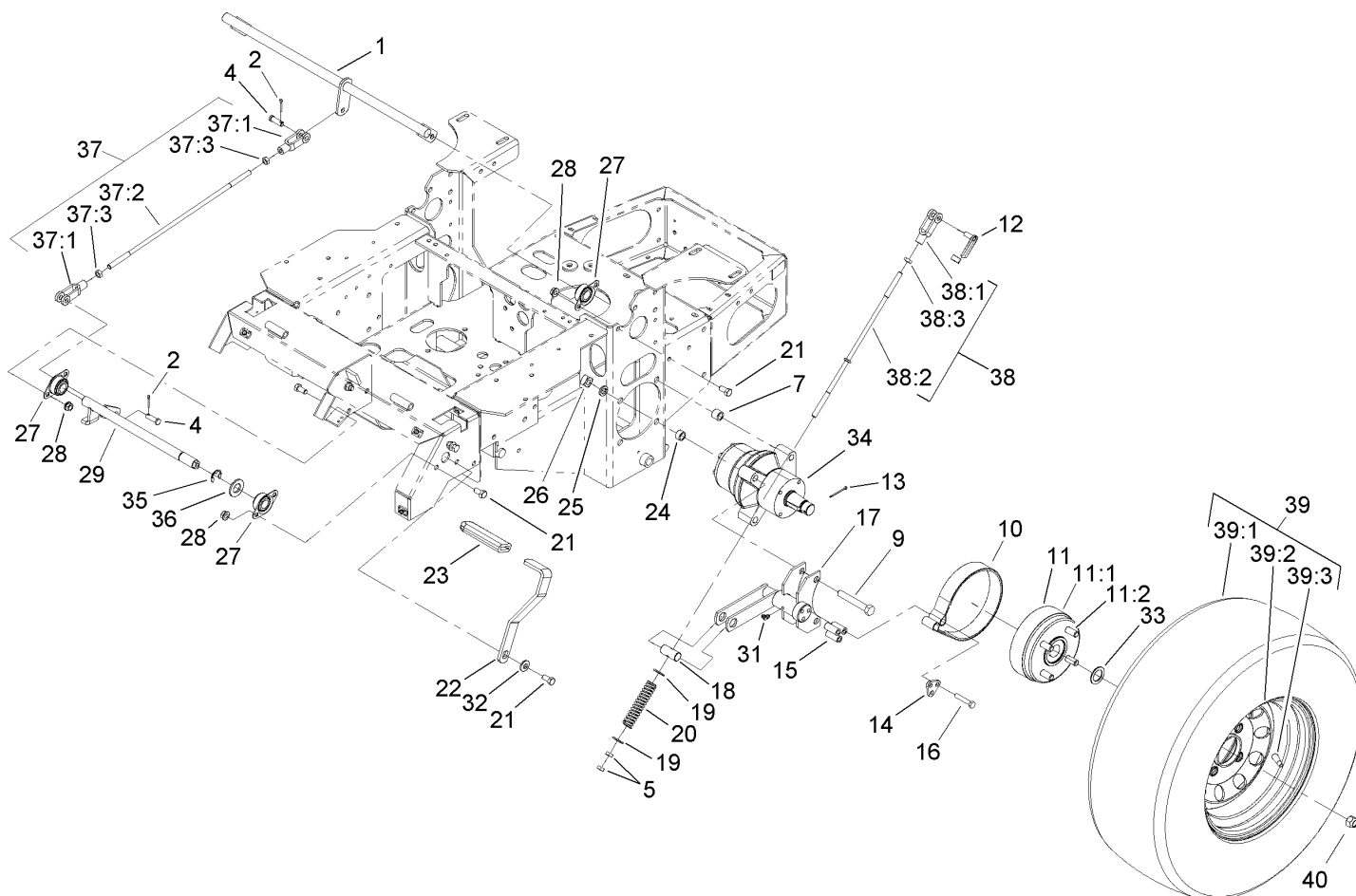


Main Frame Assembly

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				



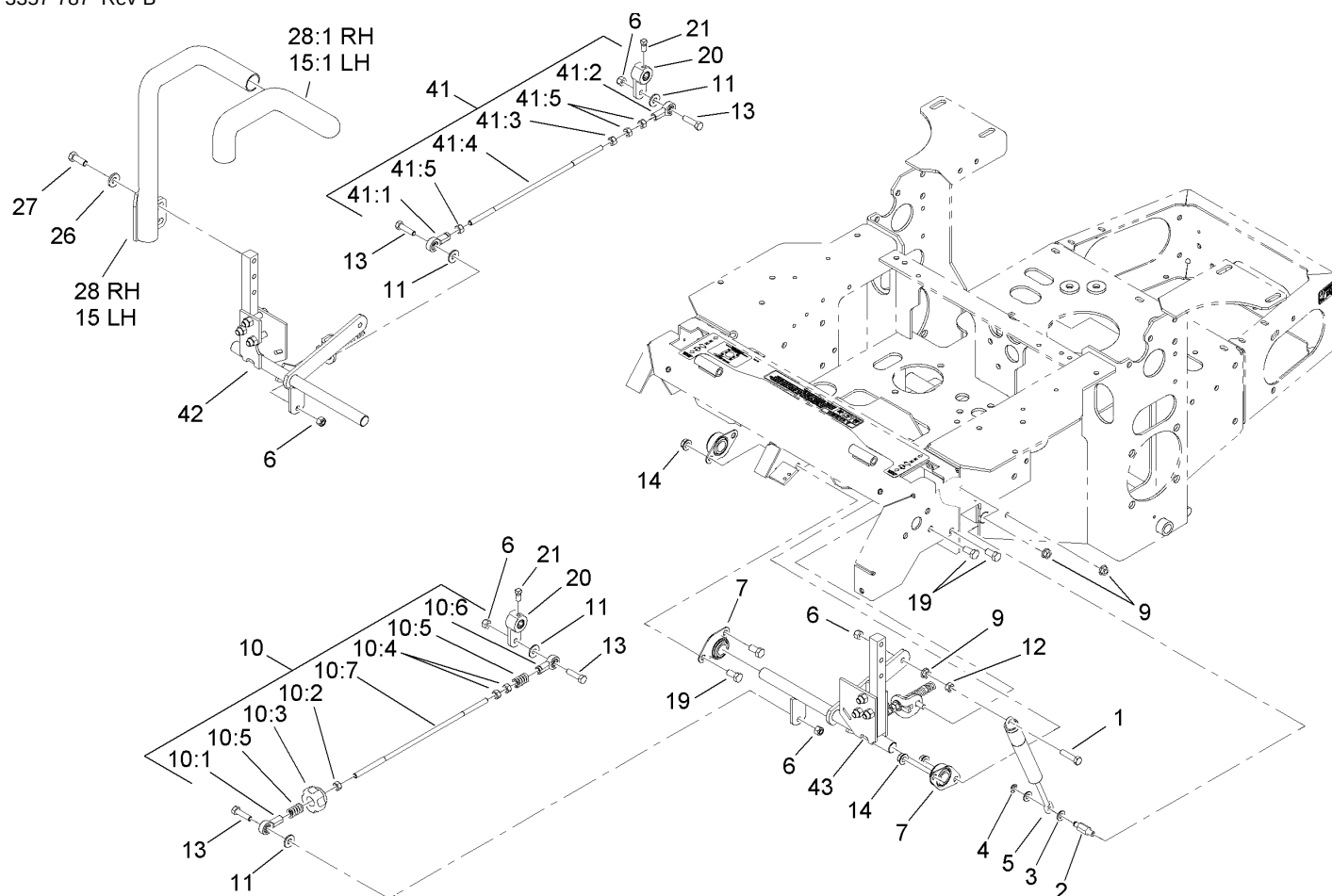
Ref	Part No.	Qty.	Description
22	1-633349	4	Spring-Tank, Fuel
23	3296-47	4	Nut-Lock, NI
24	1-513762	2	Clip-Loom
25	321-4	2	Screw-HH
26	32128-33	2	Nut-HF
27	1-513592	1	Knob-Ball
28	1-633696	1	Throttle Cable ASM
29	3296-2	2	Nut-Lock
30	106-9962	1	Control-Choke, Push / Pull
31	1-807513	2	Bolt-CARR



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		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

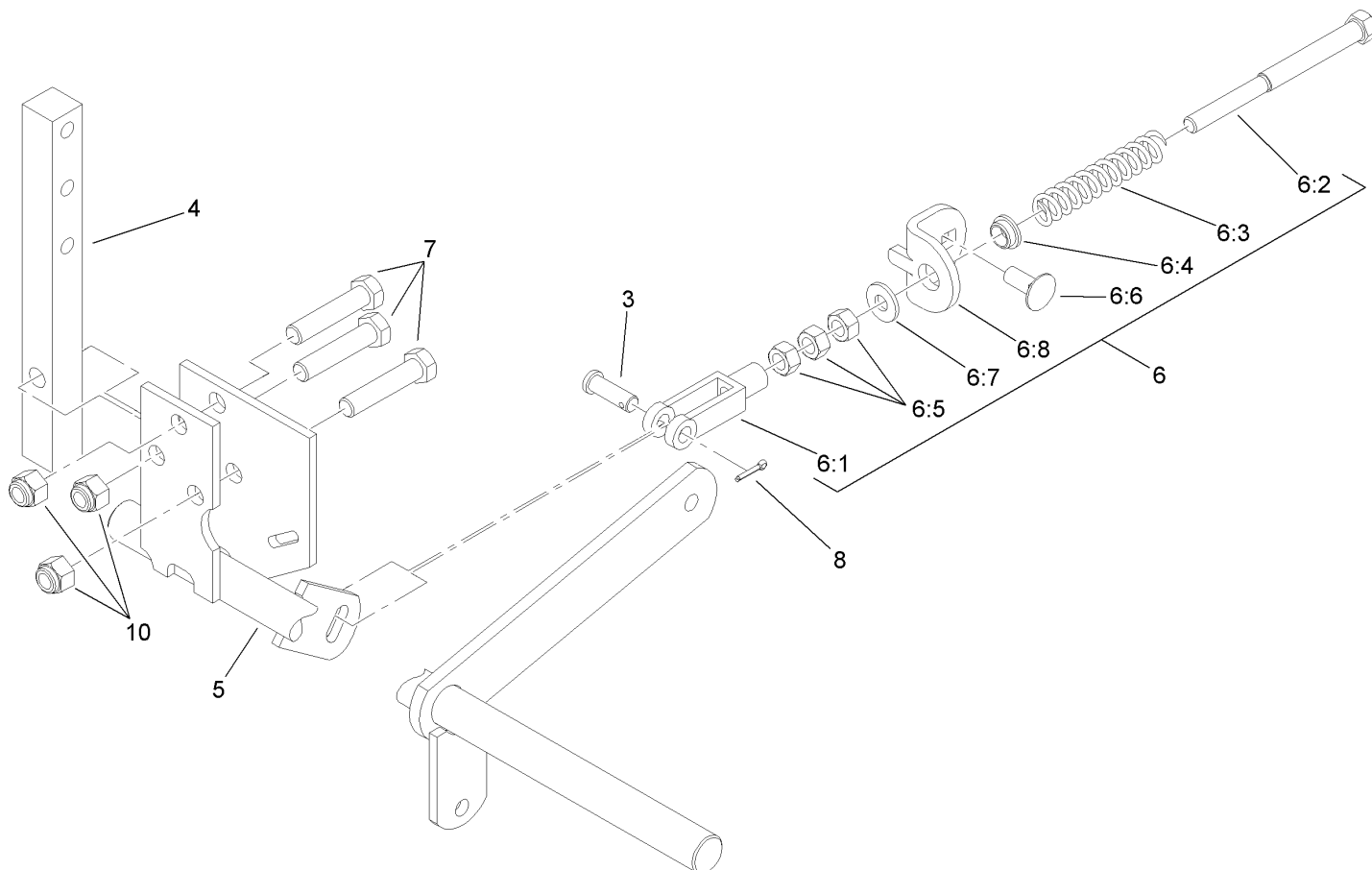
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF, Whiz
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	103-5333	2	Motor-Wheel
34:10	109-5965	1	Wheel Motor Seal Kit
34:20	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



Motion Control Assembly

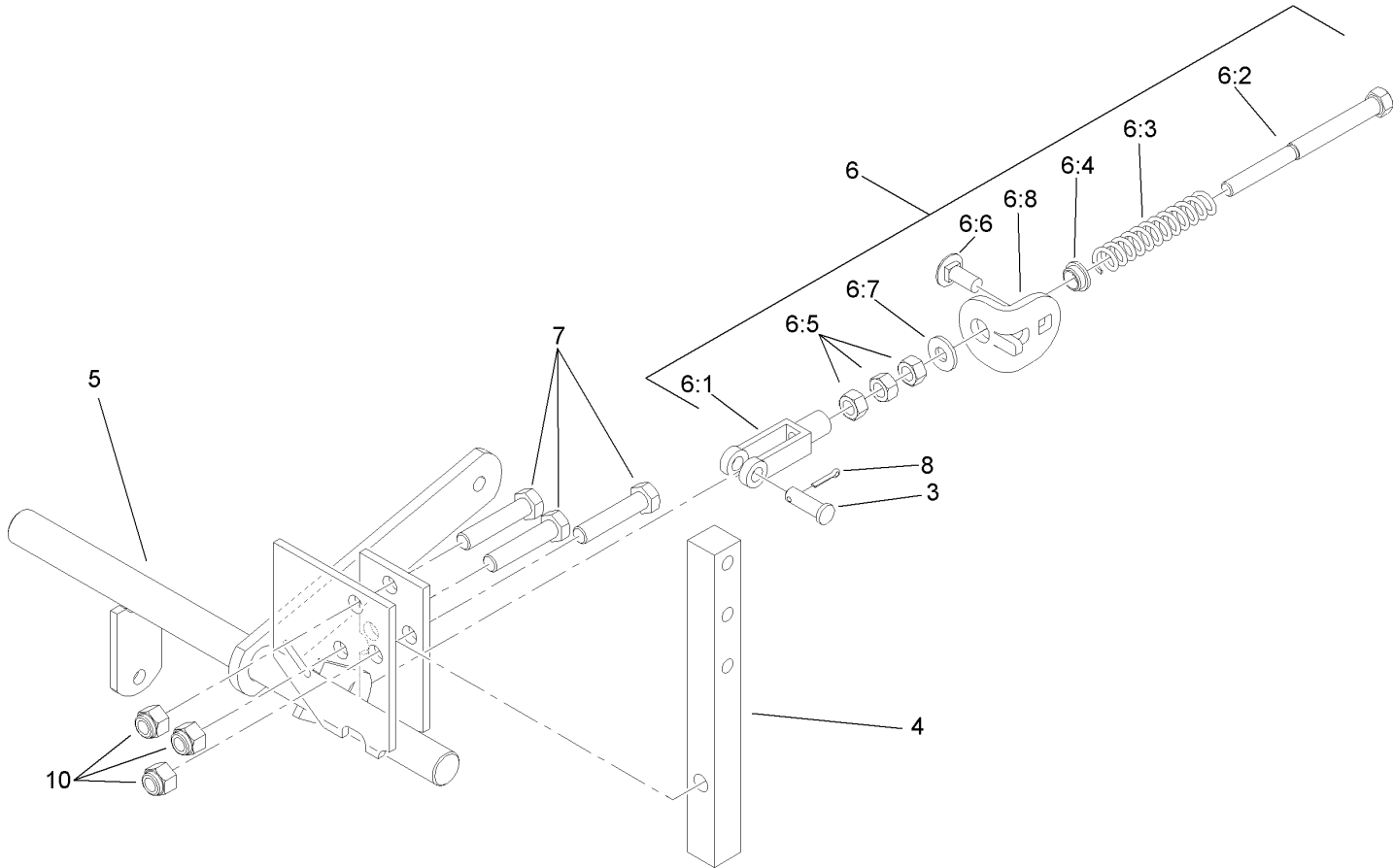
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	109-2339	2	Damper-Control, Motion
6	3296-29	6	Nut-Lock, NI
7	1-633102	4	Bearing-Flange, Side
9	32128-20	10	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH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



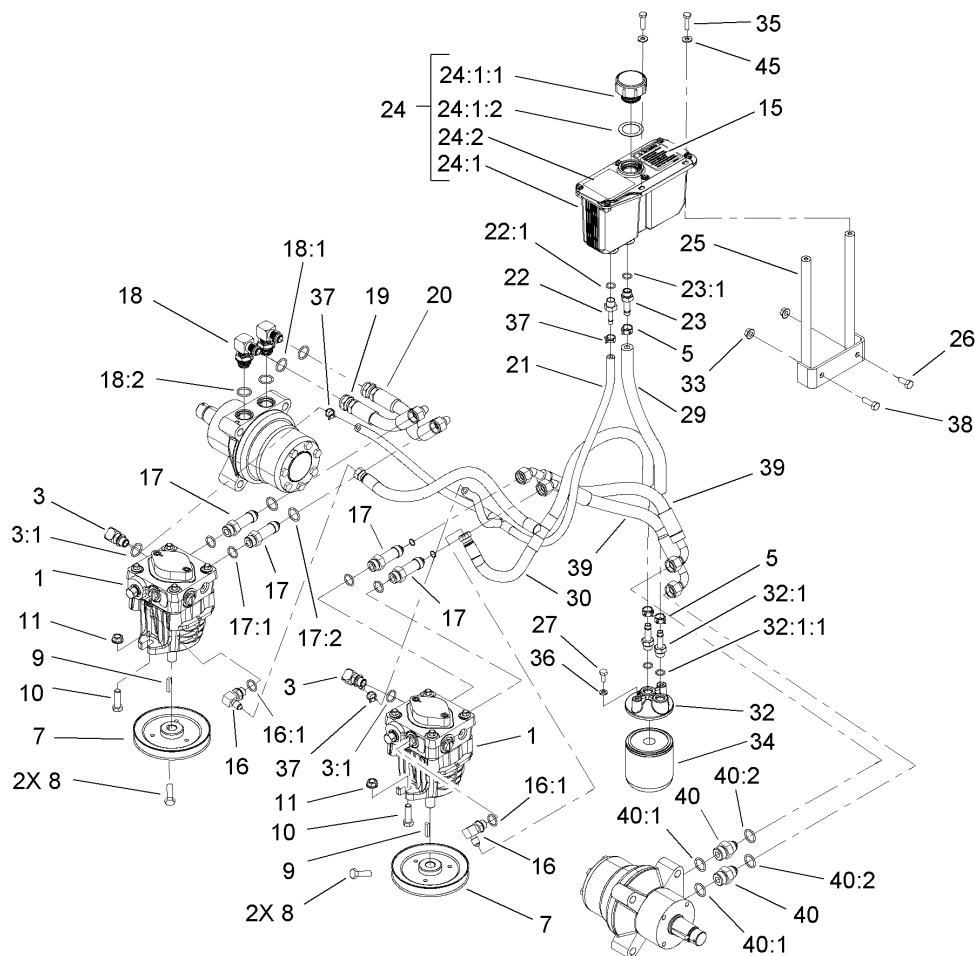
Right Hand Motion Control Assembly No. 109-3911

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

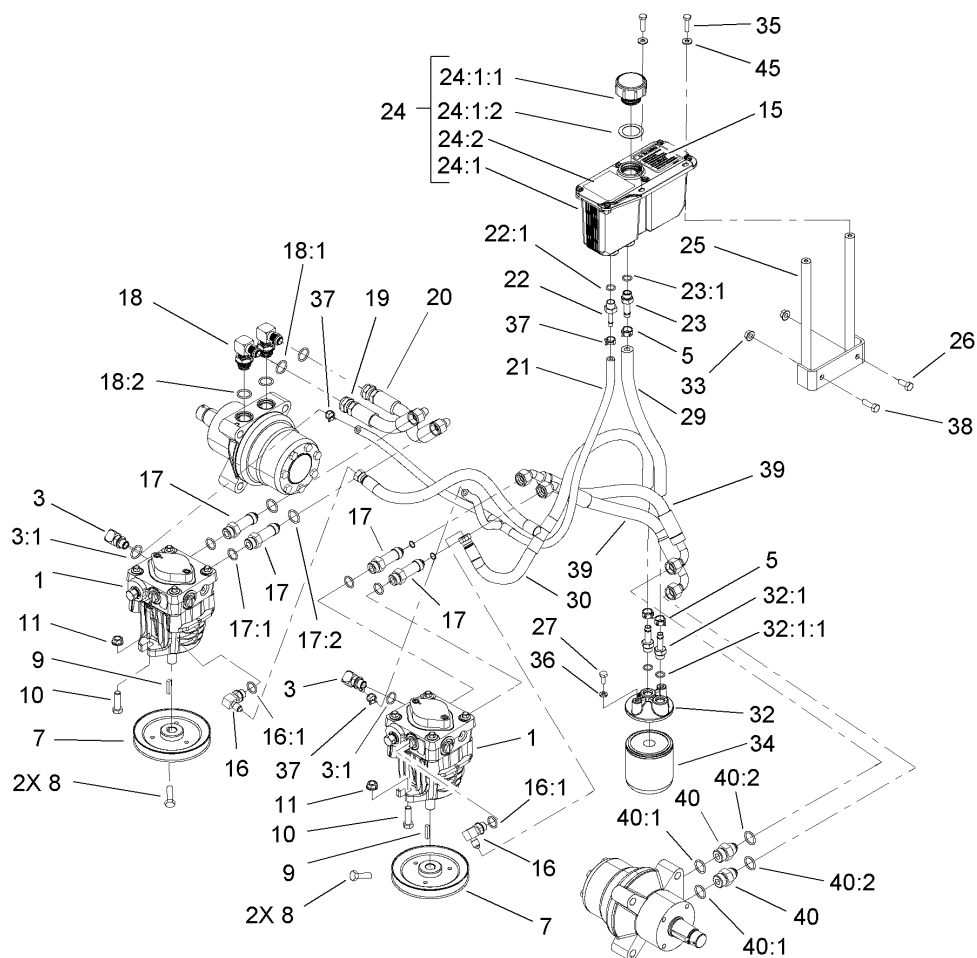
Ref	Part No.	Qty.	Description				
3	1-808280	1	Pin-Clevis				
4	103-0407	1	Arm-Shaft, Control				
5	103-4774	1	Control-Motion, LH				
6	109-3903	1	Neutral Return ASM				
6:1	1-303105	1	Yoke-Adjustable				
6:2	1-603737	1	Bolt-Return, Neutral				
6:3	1-603807	1	Spring-Return, Neutral				
6:4	109-3769	1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

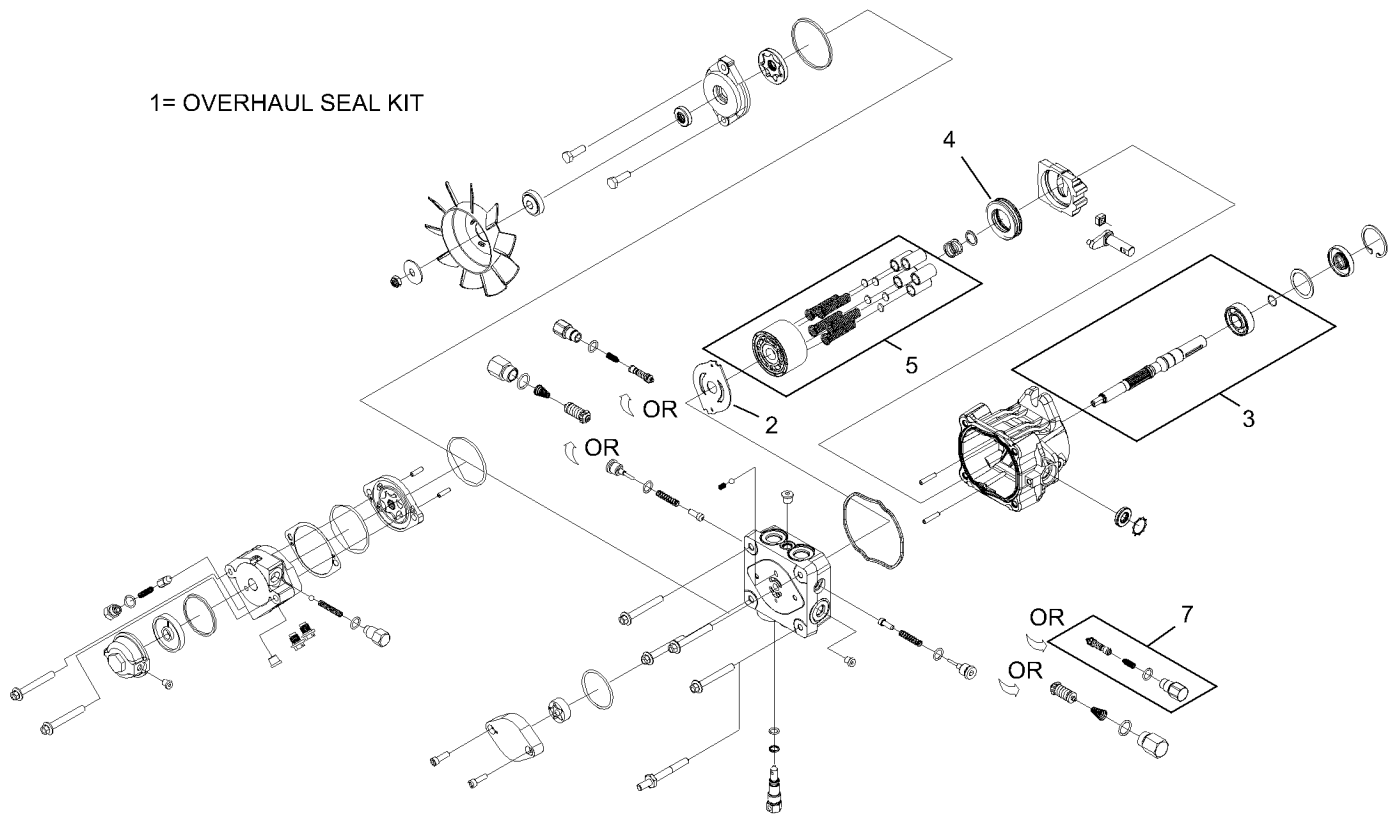
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF, Whiz
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-HYD, 90 DEG
16:1	1-603921	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
40:2			



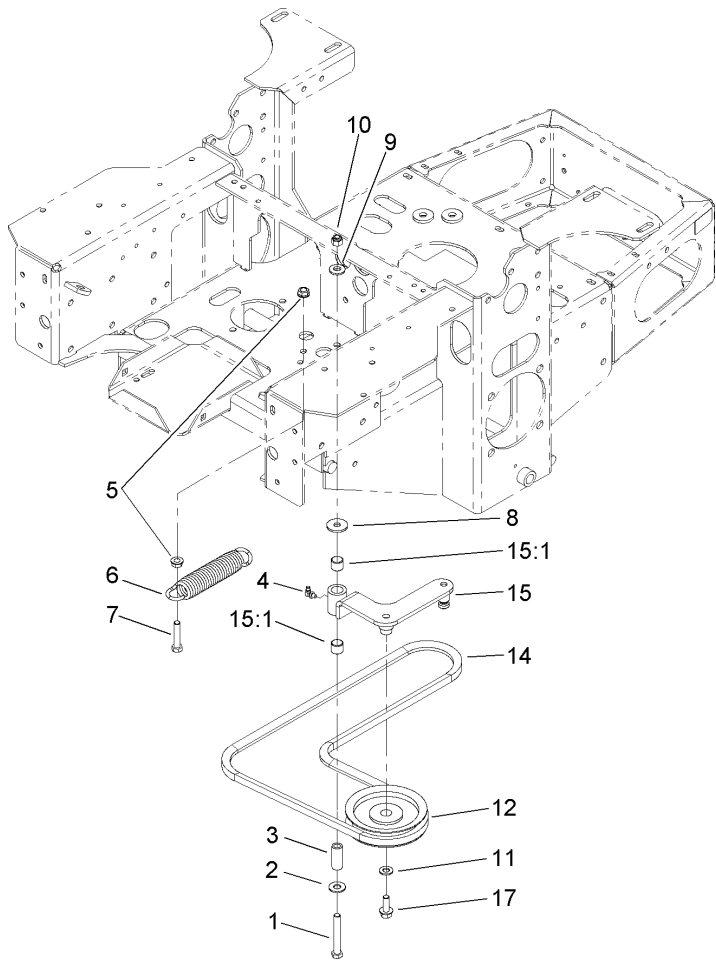
Hydraulic System Assembly (continued)

Ref	Part No.	Qty.	Description
40:2	1-603992	1	O-Ring
45	3256-22	2	Washer-Flat



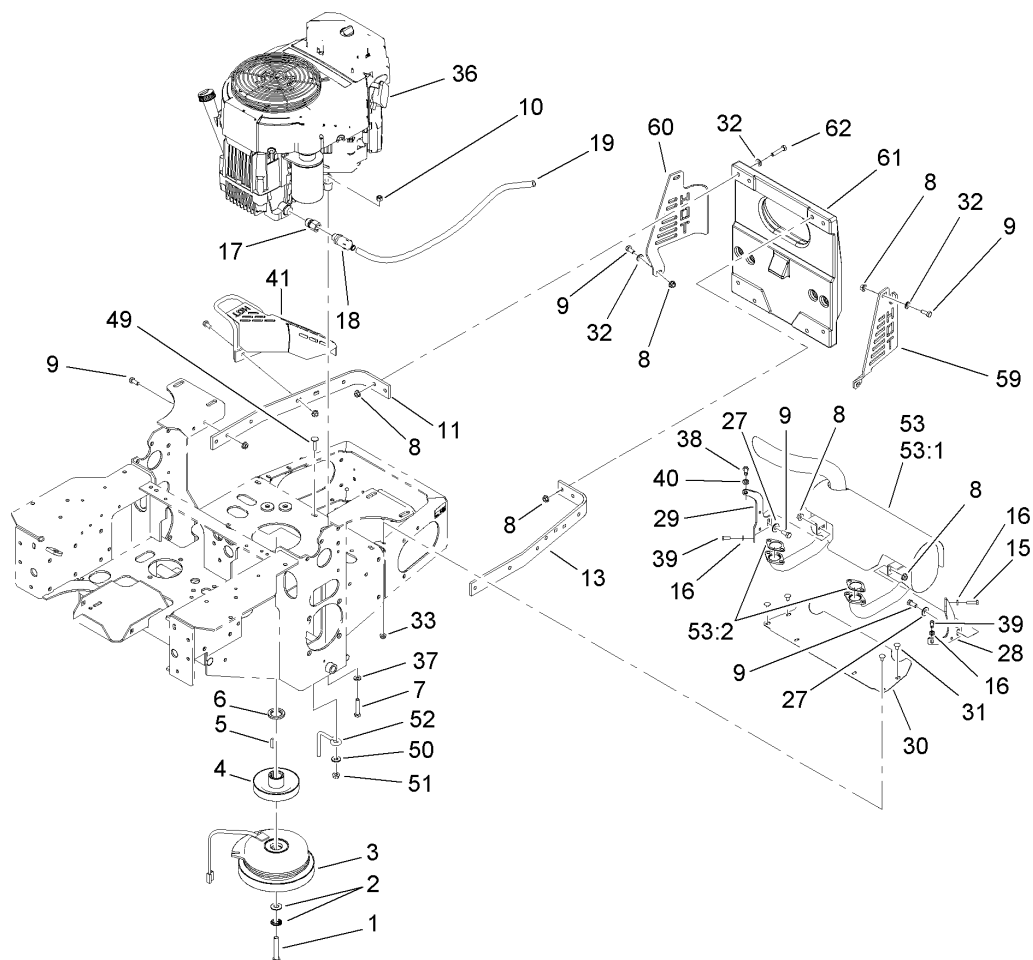
Hydraulic Pump Assembly No. 103-1942

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

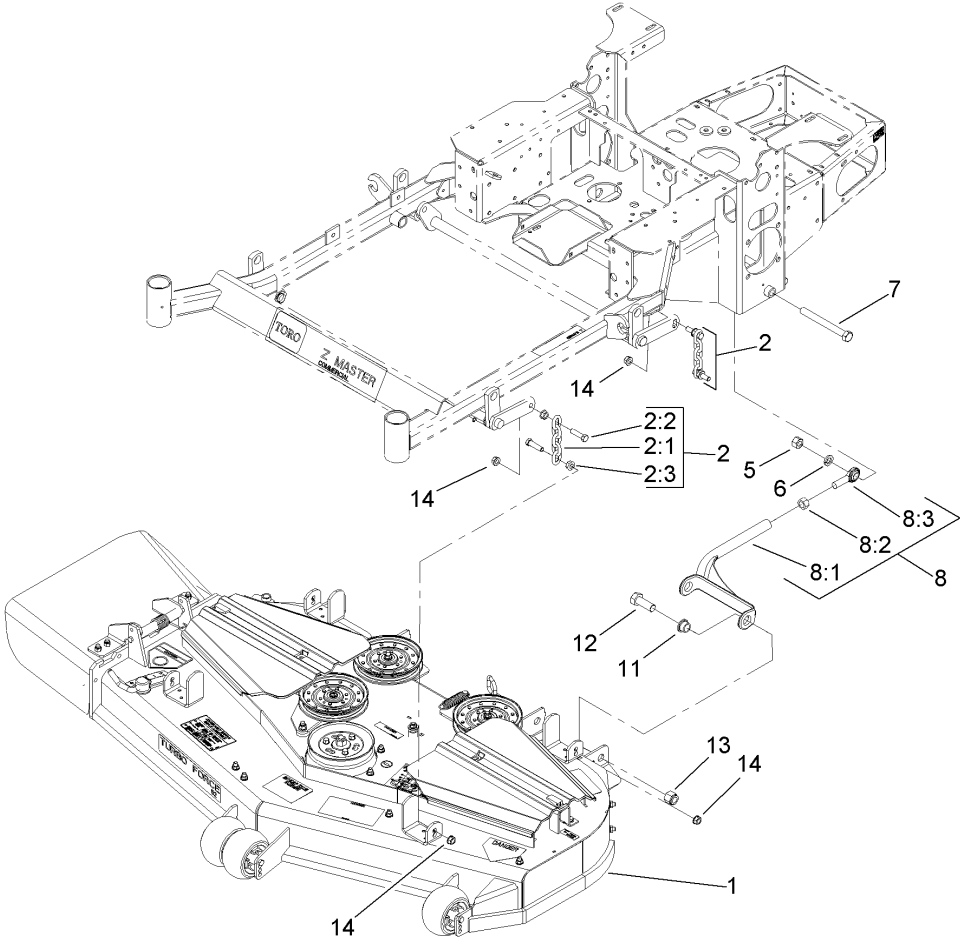
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF, Whiz				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock,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

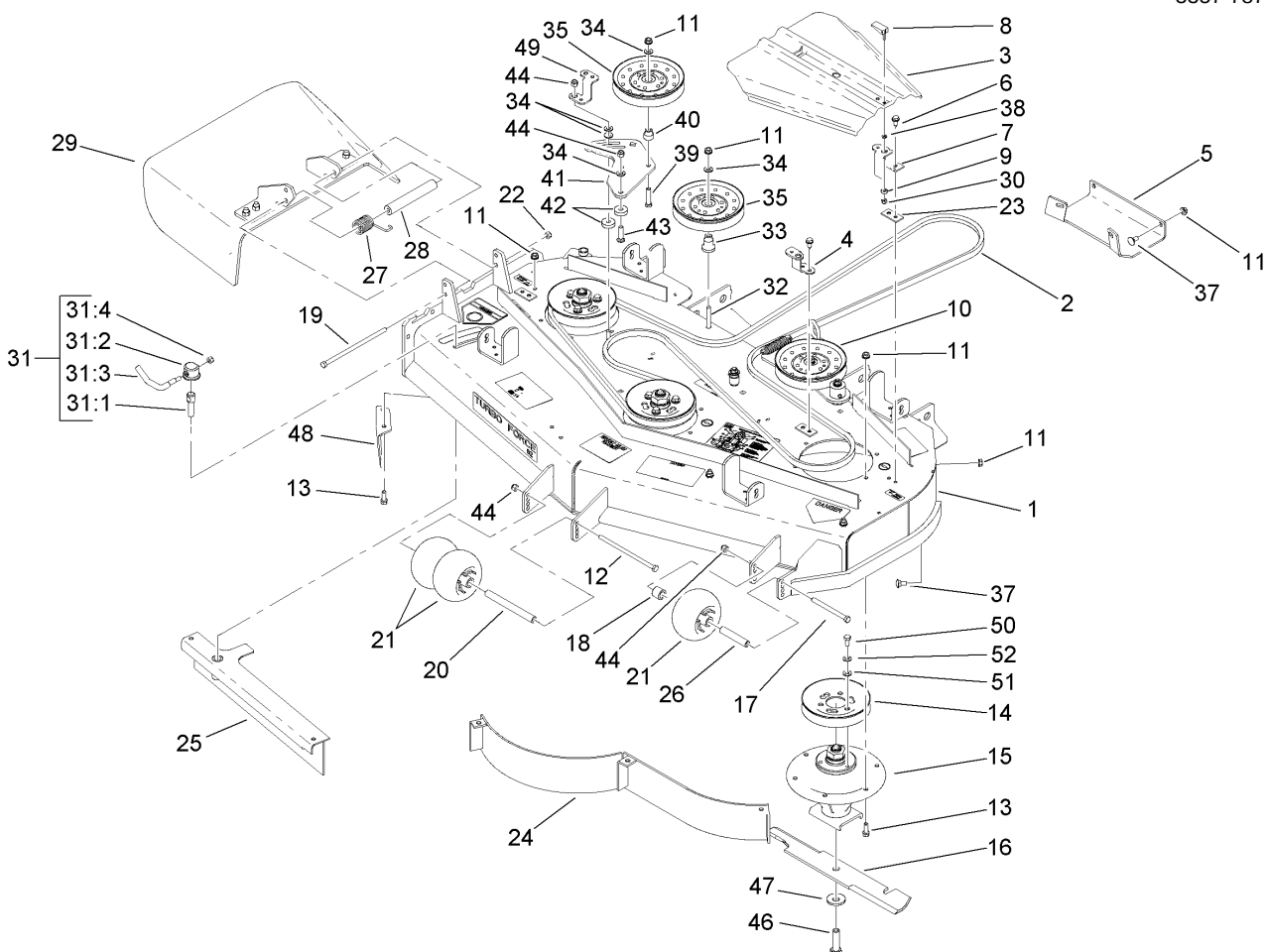
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	109-2916	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	15	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
13	103-3164-03	1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

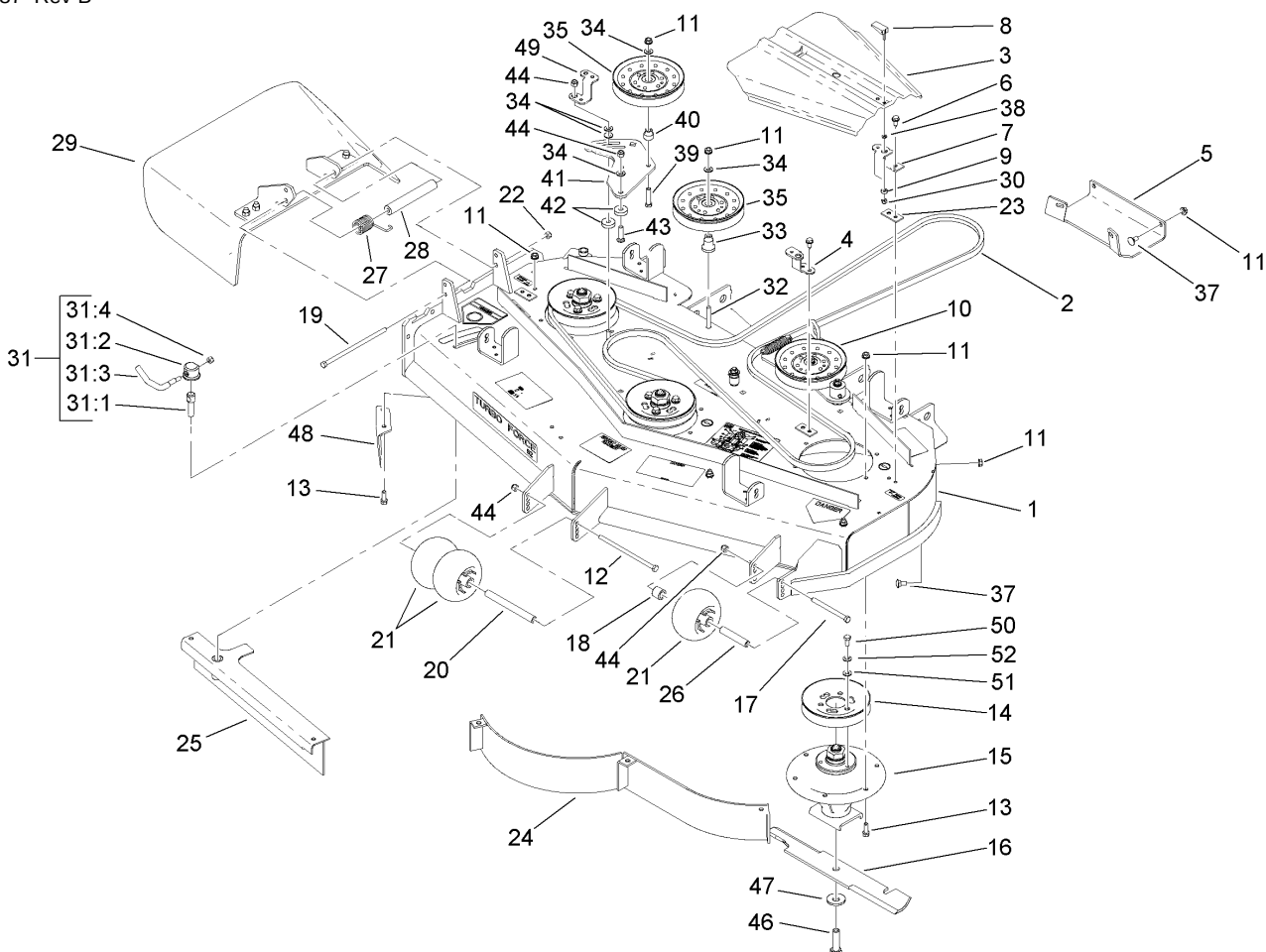
Ref	Part No.	Qty.	Description				
② 1		1	Deck ASM				
2	103-9792	4	Deck Chain ASM				
2:1	1-633447	1	Chain-Lift, Deck				
2:2	103-1898	2	Screw-HH				
2:3	32128-37	2	Nut-HF				
5	3217-11	2	Nut-Hex				
6	3253-8	2	Washer-Lock				
7	1-800344	2	Screw				
8	108-7768	2	Strut ASM				
8:1	108-7753-03	1	Strut-Deck				
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

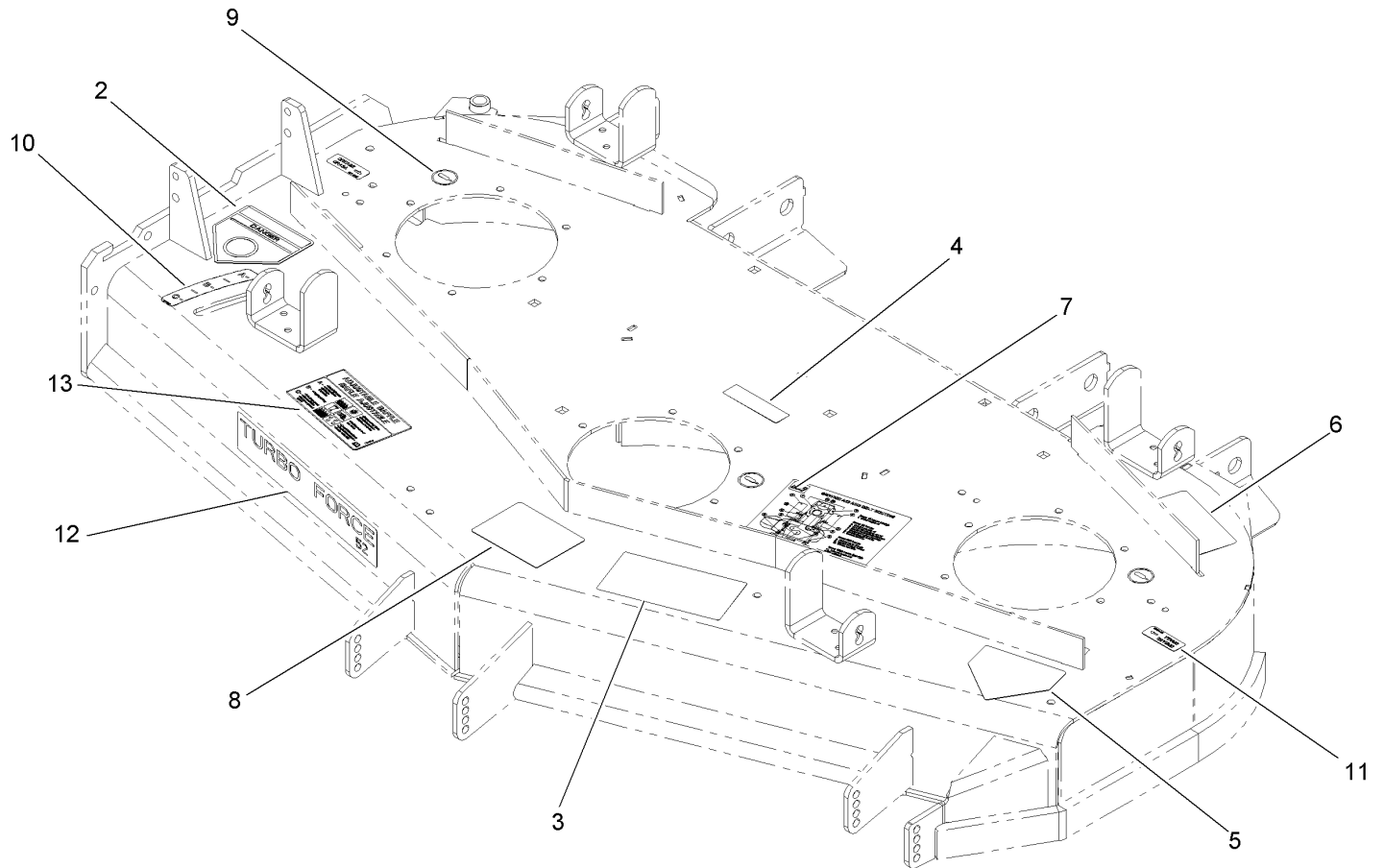
Ref	Part No.	Qty.	Description
1	107-1669	1	Deck ASM
2	106-7369	1	Belt-V
3	112-8665	2	Cover-Belt
4	108-2177-01	1	Bracket-Cover, Tall
5	106-7358-01	1	Plate-Skid
6	32144-70	3	Screw-HWHTF
7	108-4121-01	2	Bracket-Cover
8	106-6777	2	Handle-Latch, Swell
9	106-6778	2	Bushing-Latch, Swell
10		1	Spring Idler ASM
11	3290-357	36	Nut-HHF, Whiz
12	323-28	1	Screw-HH
13	92-1624	24	Screw
14	107-1683	3	Pulley
15	112-8698	3	Spindle ASM
16	105-7781-03	3	Blade-Hi Flow, 18 Inch
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	112-8663-01	3	Spacer-Cover, Belt
24	105-7754-01	1	Baffle ASM

Ref	Part No.	Qty.	Description
25	105-7755-01	1	Baffle ASM
26	98-7912	1	Tube-Spanner
27	108-4052	1	Spring-Torsion
28	105-4622	1	Spacer
29	108-2792	1	Rubber Deflector ASM
30	1-804254	2	Nut
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	3231-31	1	Screw-CARR
33	106-3214	1	Mount-Pulley
34	3256-24	5	Washer-Flat
35	1-633109	2	Idler-Flat
37	3231-1	10	Screw-CARR
38	99-3058	2	Washer
39	323-9	1	Screw-HH
40	1-603496	1	Bushing-Idler
41	107-8516-01	1	Plate-Idler
42	105-7788	2	Spacer
43	3231-4	2	Screw-CARR
44	3296-39	6	Nut-Lock, NI
46	51-4060	3	Screw-Blade



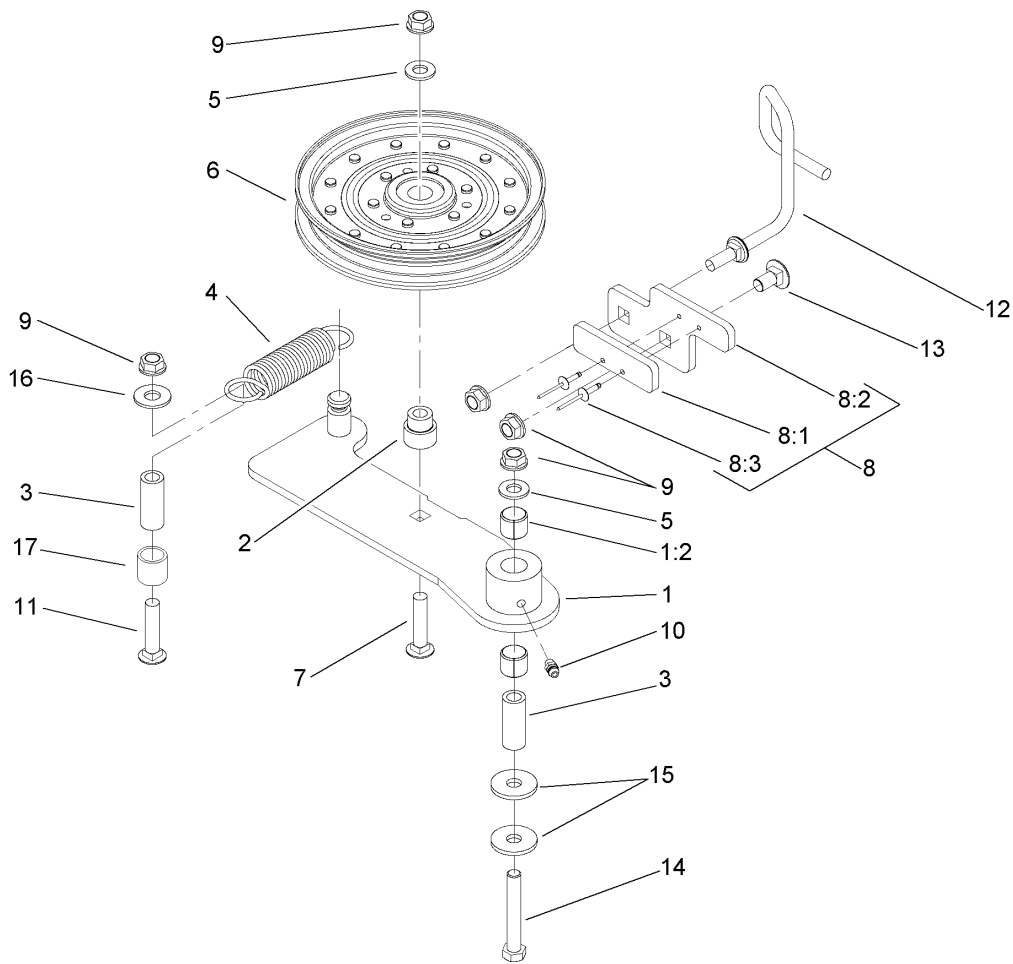
Deck Assembly (continued)

Ref	Part No.	Qty.	Description				
47	103-0865	3	Washer-Blade Bolt, Heavy				
48	106-3216-01	1	Baffle-Discharge				
49	108-2178-01	1	Bracket-Cover, Short				
50	323-4	9	Screw-HH				
51	3256-24	9	Washer-Flat				
52	3290-455	9	Washer-Belleville				
①99	105-7796-03	3	Blade-Atomic				
①99	105-7795-03	3	Blade-Low Flow				
①99	105-7794-03	3	Blade-Med Flow				
①99	105-7779-03	3	Blade-Recycler				



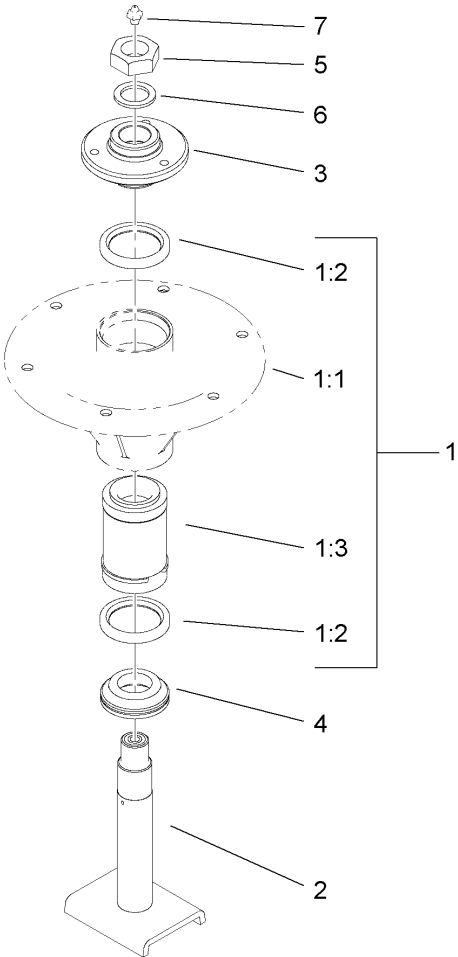
Deck Decal Assembly No. 107-1669

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	107-1687	1	Decal-Aid, Service				
8	105-7798	1	Decal-Scalp, Anti				
9	58-6520	3	Decal-Grease				
10	110-2067	1	Decal-Setting, Baffle				
11	107-1613	2	Decal-Grease				
12	107-1618	1	Decal				
13	110-2068	1	Decal-Adjustment, Baffle				



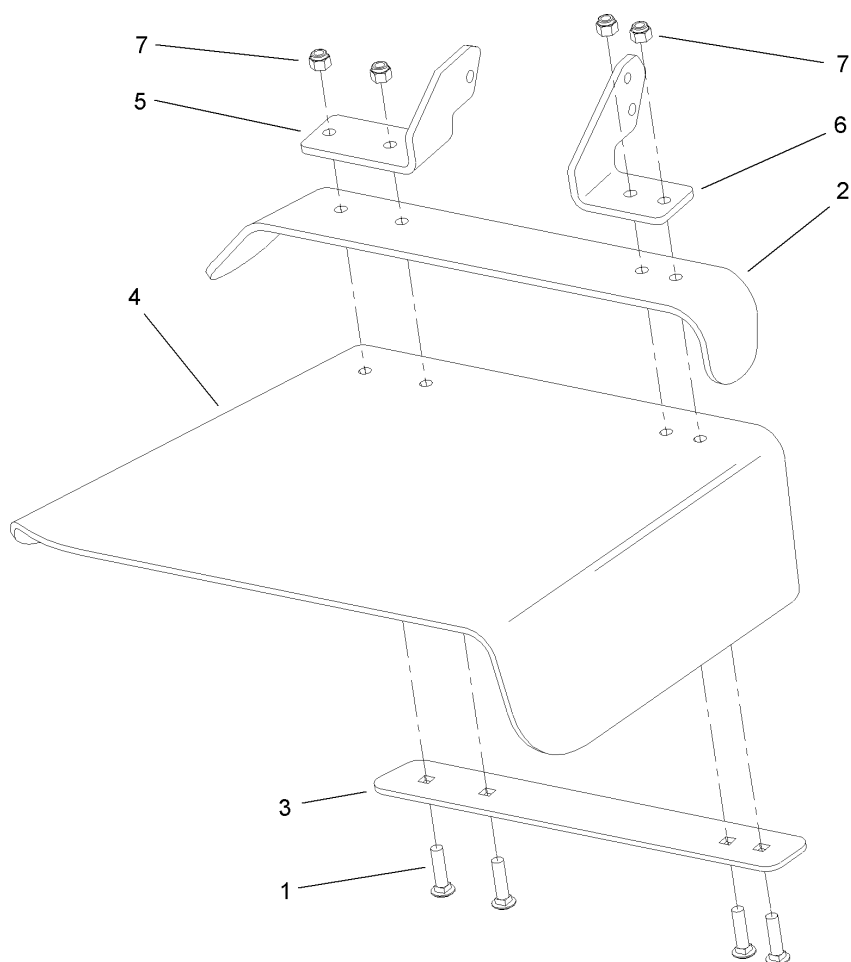
Idler Assembly

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				



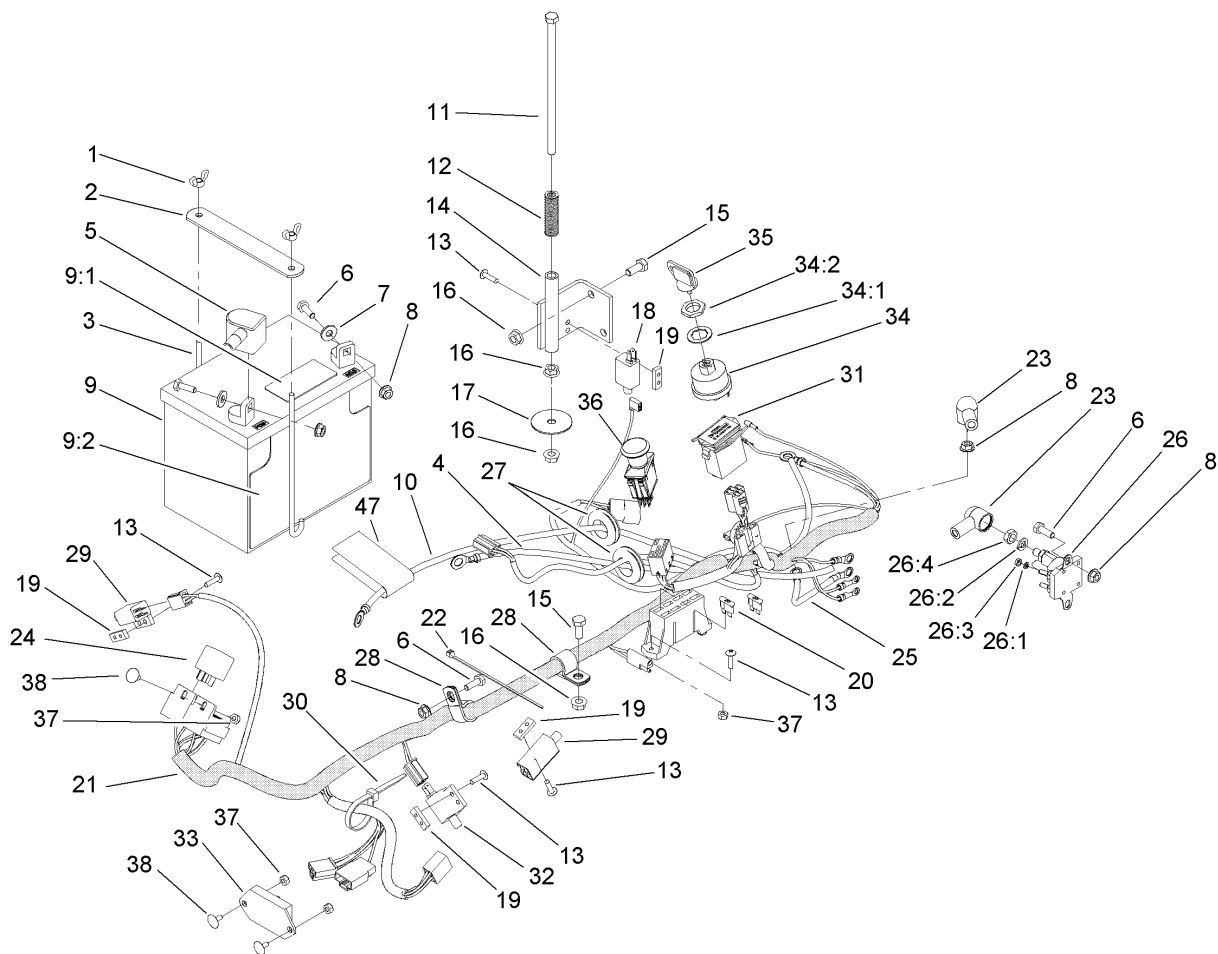
Spindle Assembly No. 112-8698

Ref	Part No.	Qty.	Description				
② 1		1	Spindle Bearing ASM				
② 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

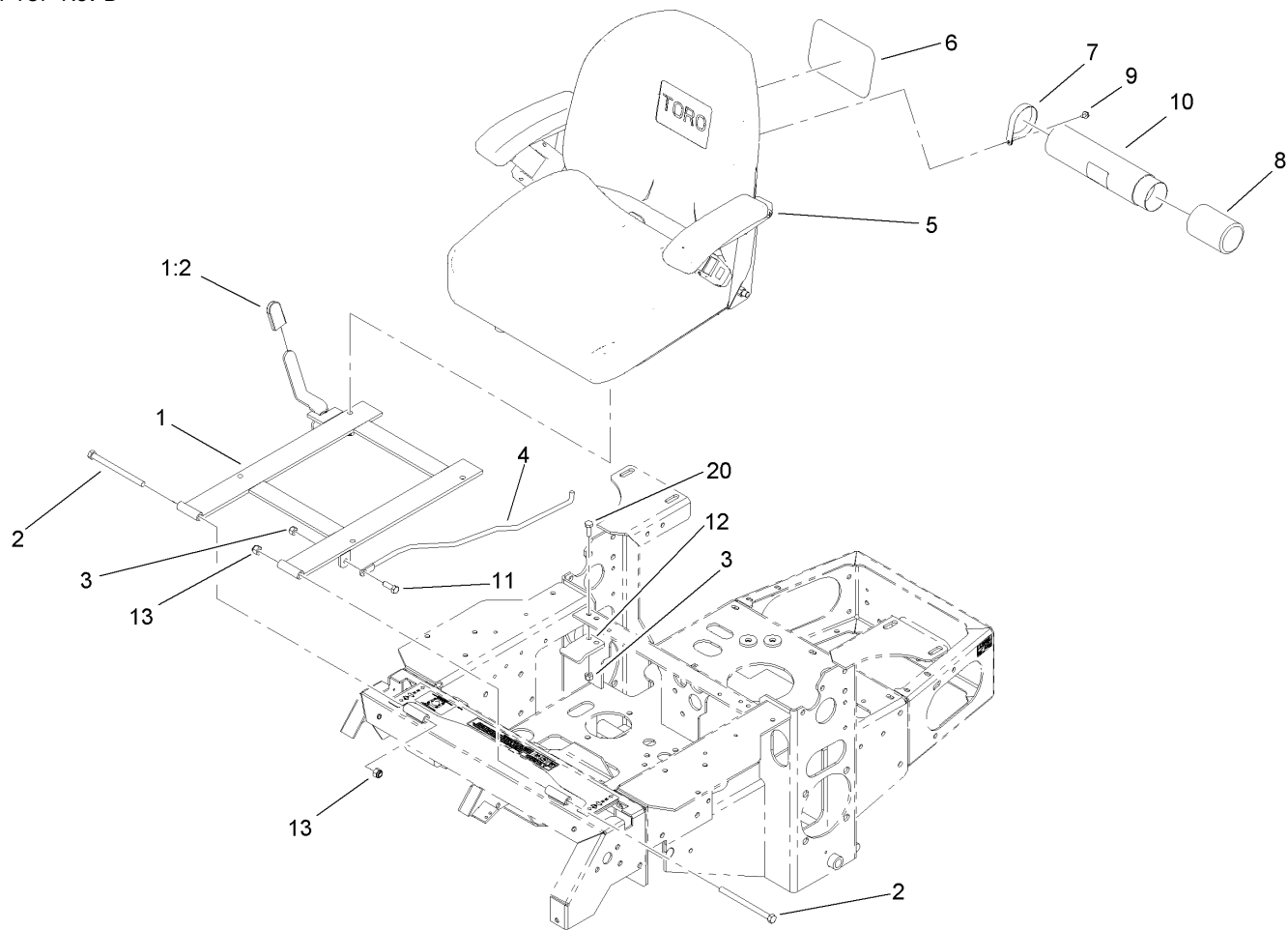
Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	108-5029	1	Deflector-Rubber				
5	108-4059-01	1	Plate-Hinge, Rear				
6	106-3253-01	1	Plate-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



Electrical System Assembly

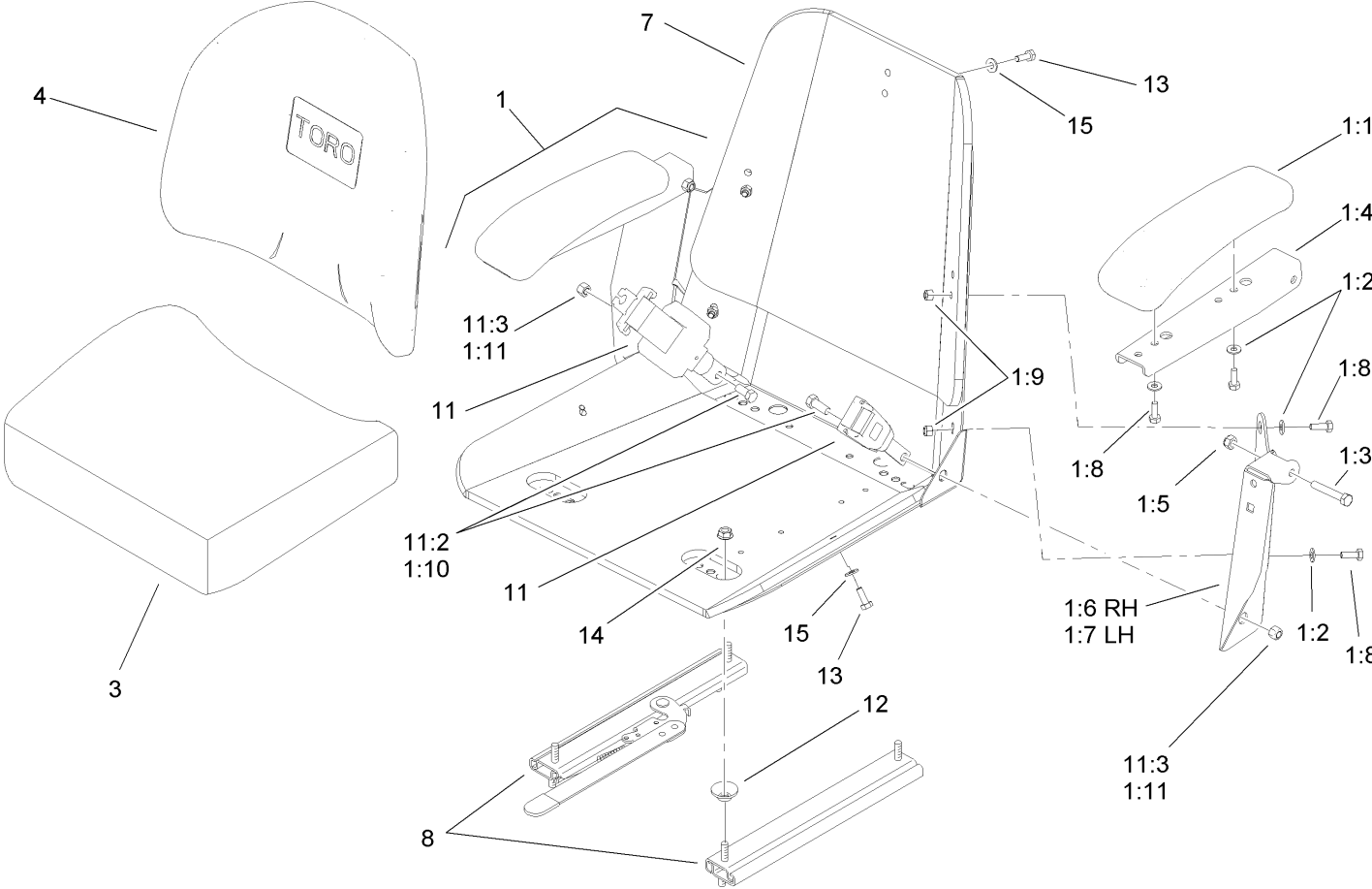
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	107-9277-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	5	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	6	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	104-4164	1	Decal-Battery
10	103-0707	1	Cable-Battery, Positive
11	1-800282	1	Screw-HH
12	1-523415	1	Spring-Switch, Seat
13	1-803075	10	Screw-Head, Truss
14	1-652072-03	1	Bracket-Switch, Seat
15	322-3	3	Screw-HH
16	32128-20	5	Nut-HF
17	1-653036	1	Washer
18	1-513152	1	Switch-Closed, Normally
19	1-633181	4	Plate-Tapped
20	1-816001	2	Fuse-Blade Type, 20 Amp
21	110-0318	1	Harness-Electrical
22	1-303287	3	Tie-Plastic

Ref	Part No.	Qty.	Description
23	1-543393	3	Insulator-Solenoid
24	1-643275	2	Relay
25	1-633306	1	Cable-Starter, Positive
26	1-513075	1	Switch-Solenoid
26:1	3253-17	2	Washer-Lock
26:2	3253-4	2	Washer-Lock
26:3	3219-14	2	Nut-Hex
26:4	3220-2	2	Nut-Jam
27	1-543286	2	Grommet
28	1-633396	2	Clip-Loom
29	1-513051	2	Switch-Open, Normally
30	1-303335	4	Tie-Plastic
31	1-513374	1	Meter-Hour
32	1-633111	1	Switch
33	100-6186	1	Module-Delay, Seat
34	104-2541	1	Switch-Key
34:1	218-461	1	Nut-HH
34:2	3254-5	1	Washer-Tooth
35	63-8360	2	Key-Ignition
36	103-5221	1	Switch-PTO
37	3296-2	6	Nut-Lock
38	1-807513	4	Bolt-CARR
47	107-9309	1	Decal-Instructions, Charging



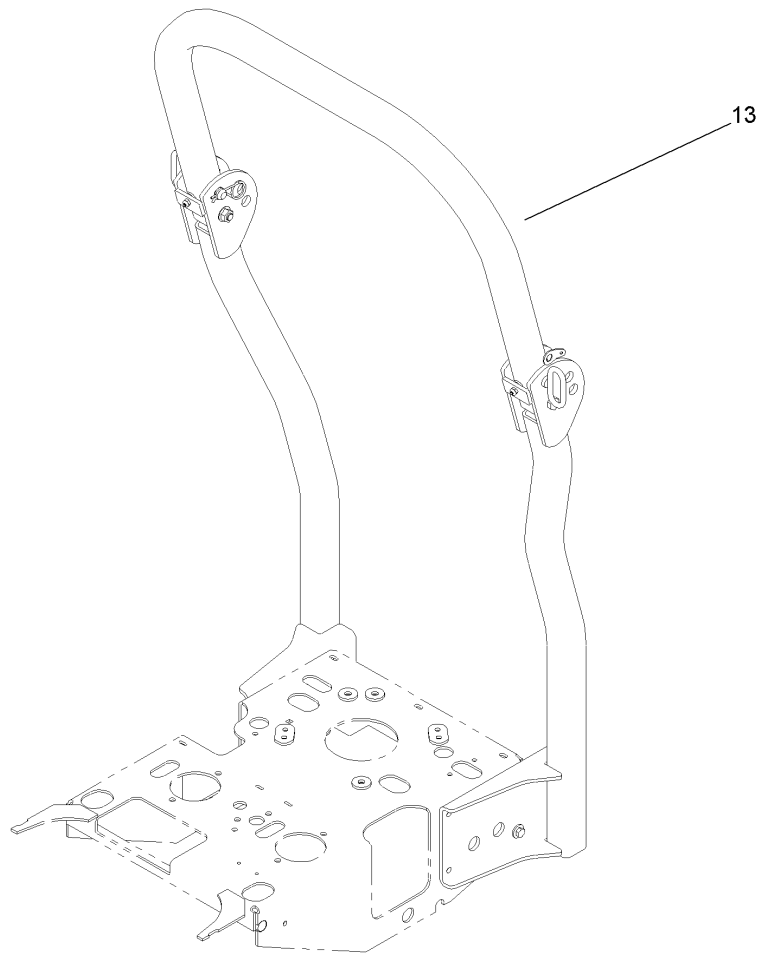
Seat and Bracket Assembly

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				



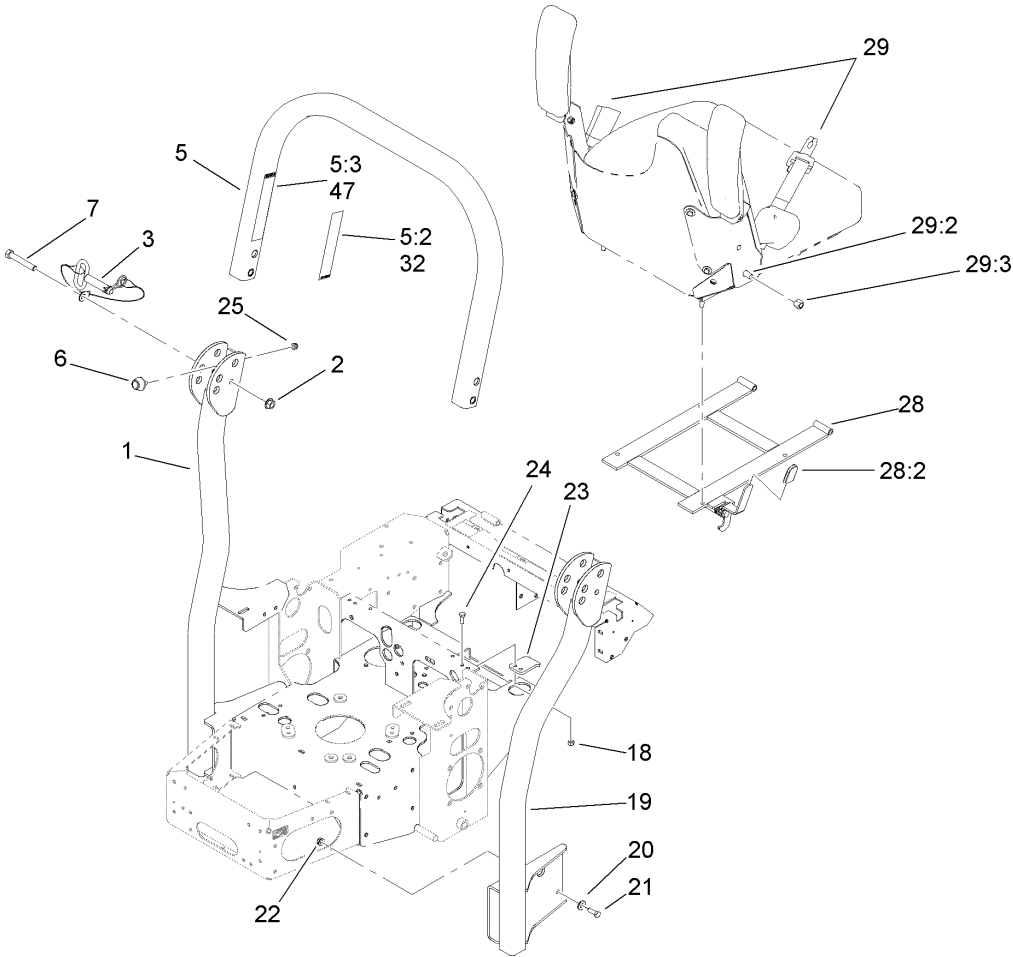
Seat Assembly No. 110-0446

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				



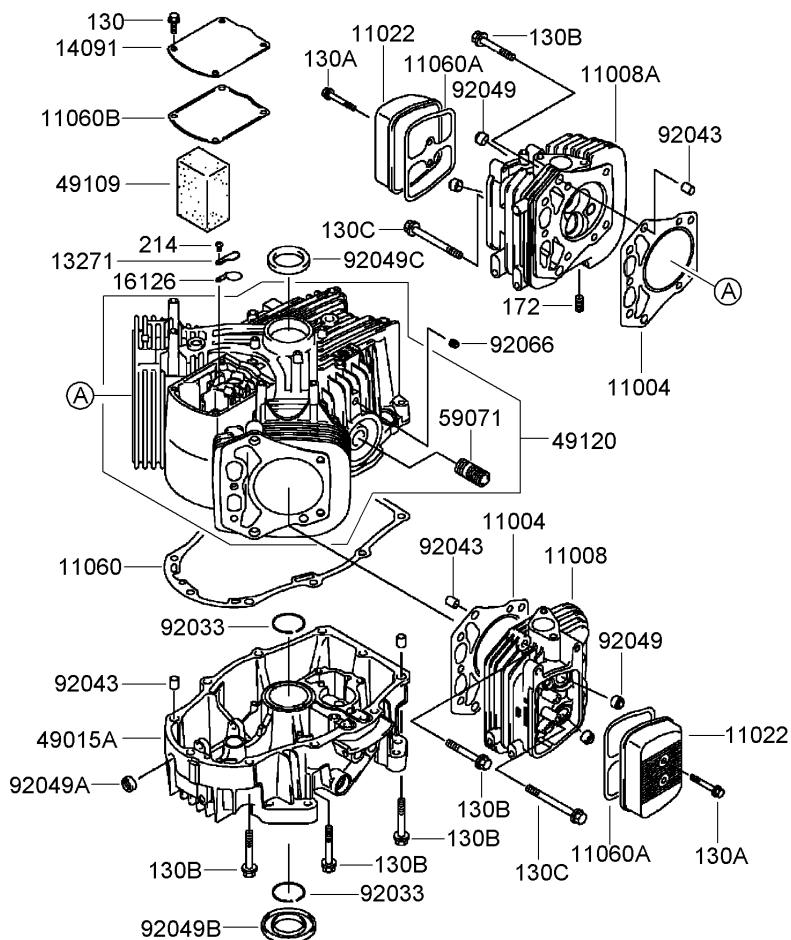
Roll-Over Protection System Assembly

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



Roll-Over Protection System Assembly No. 107-8093

Ref	Part No.	Qty.	Description				
②1		1	LH Tube Support ASM				
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				
②19		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				

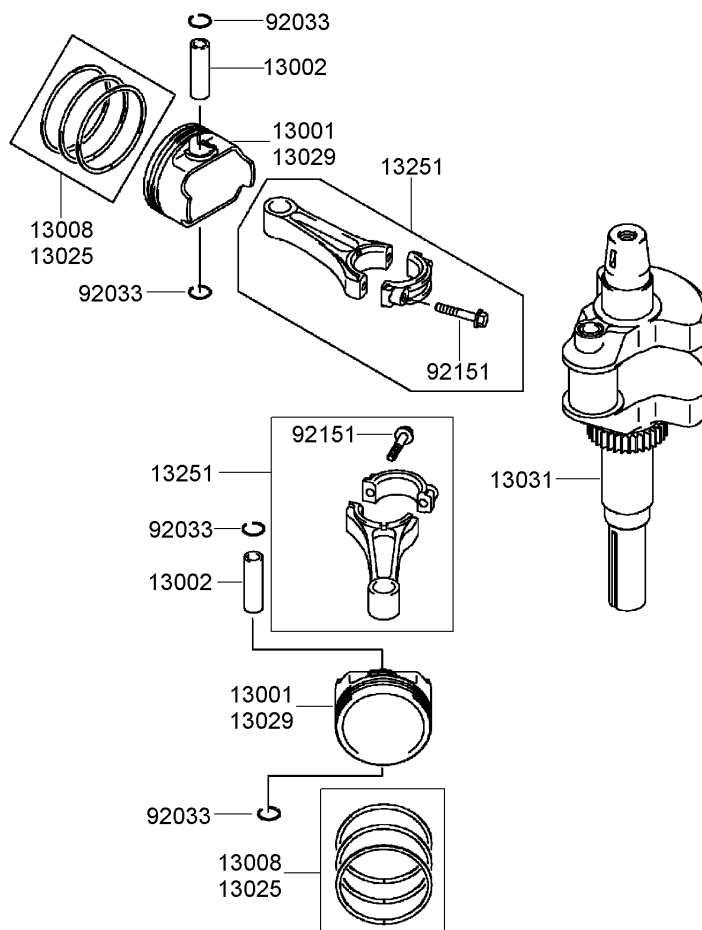


Cylinder and Crankcase Assembly

Kawasaki FH680V-DS21

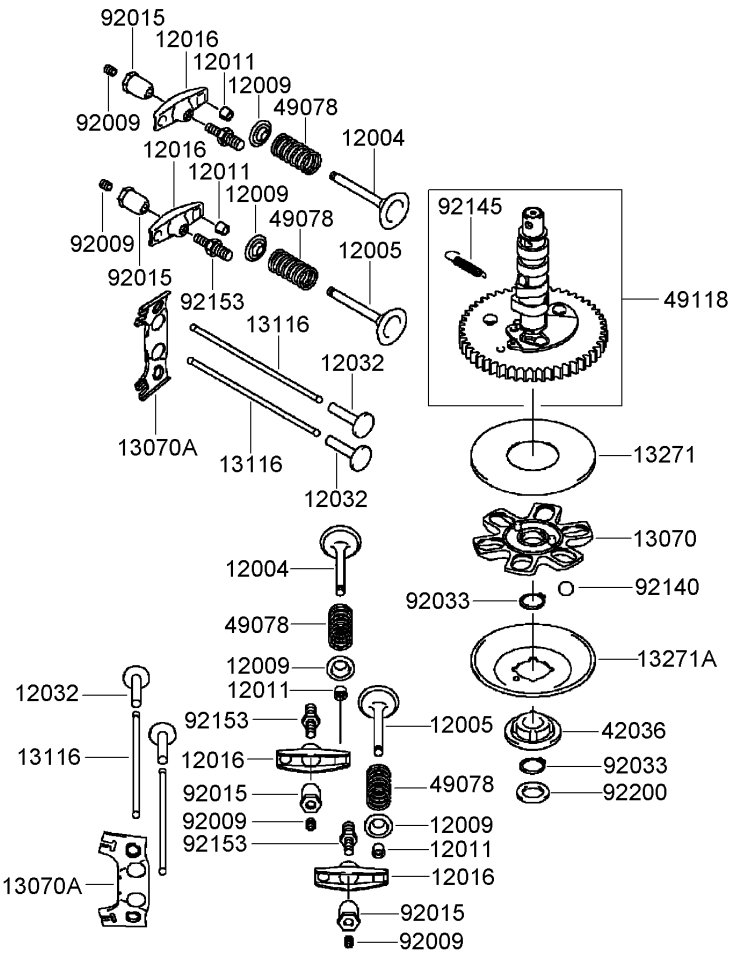
Ref	Part No.	Qty.	Description
③11004	11004-7006	2	Gasket-Head
③11008	11008-7023	1	Head-Cylinder, No.2
③11008A	11008-7024	1	Head-Cylinder, No.1
③11022	11022-7002	2	Case-Rocker
③11060	11060-7012	1	Gasket-Cover, Crankcase
③11060A	11060-7013	2	Gasket-Case, Rocker
③11060B	11060-7014	1	Gasket-Breather
③13271	13271-7006	1	Plate
③14091	14091-7004	1	Cover
③16126	16126-7001	1	Valve
③49015A	49015-7064	1	Cover-Crankcase
③49109	49109-7003	1	Element-Breather
③49120	49120-7037	1	Crankcase
③59071	59071-2079	1	Joint
③92033	92033-7004	2	Ring-Snap
③92043	92043-7001	6	Pin
③92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)
③92049A	92049-7005	1	Seal-Oil, S O (8X14X5 H S)
③92049B	92049-7011	1	Seal-Oil, S D (35X62X8 L H S)
③92049C	92049-7014	1	Seal-Oil, S D (35X52X7 R H S)
③92066	92066-7002	1	Plug
③130	130B0612	4	Bolt-Flanged (6X12)
③130A	130B0640	4	Bolt-Flanged (6X40)
③130B	130T0850	18	Bolt-Flanged (8X50)

Ref	Part No.	Qty.	Description
③130C	130T0875	2	Bolt-Flanged (8X75)
③172	172G0818	4	Bolt-Stud (8X18)
③214	214B0408	1	Screw-Pan (4X8)



Piston and Crankshaft Assembly Kawasaki FH680V-DS21

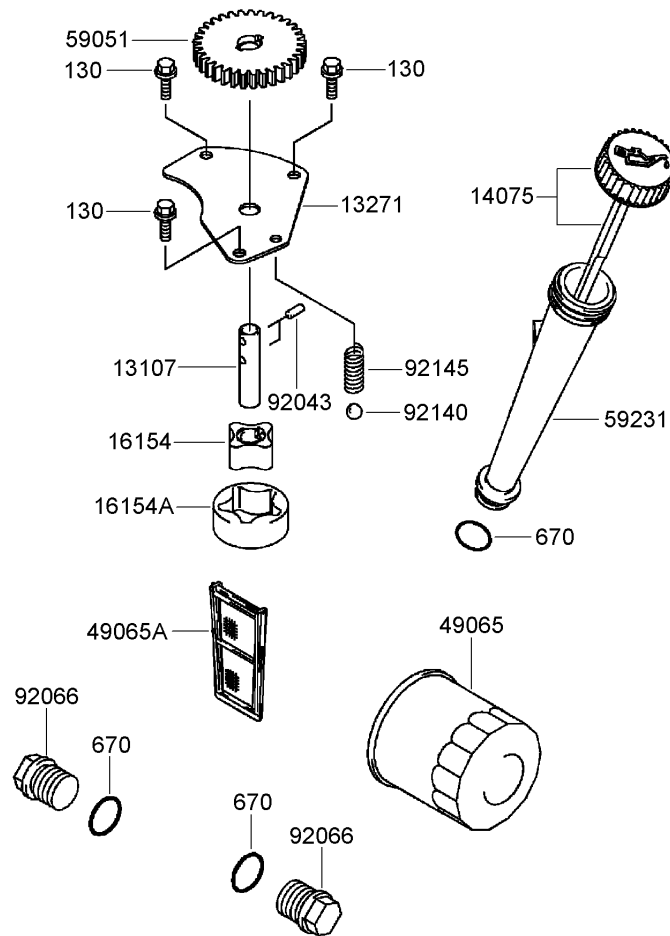
Ref	Part No.	Qty.	Description				
⑨13001	13001-7007	2	Piston-Engine				
⑨13002	13002-7001	2	Pin-Piston				
⑨13008	13008-6058	2	Ring Set-Piston				
⑨13025	13025-7002	1	Ring Set-Piston (L,0.50)				
⑨13029	13029-7003	1	Piston-Engine (L,0.50)				
⑨13031	13031-7048	1	Crankshaft				
⑨13251	13251-7005	2	Connecting Rod ASM				
⑨92033	92033-7002	4	Ring-Snap				
⑨92151	92151-7017	4	Bolt (6X35)				



Valve and Camshaft Assembly

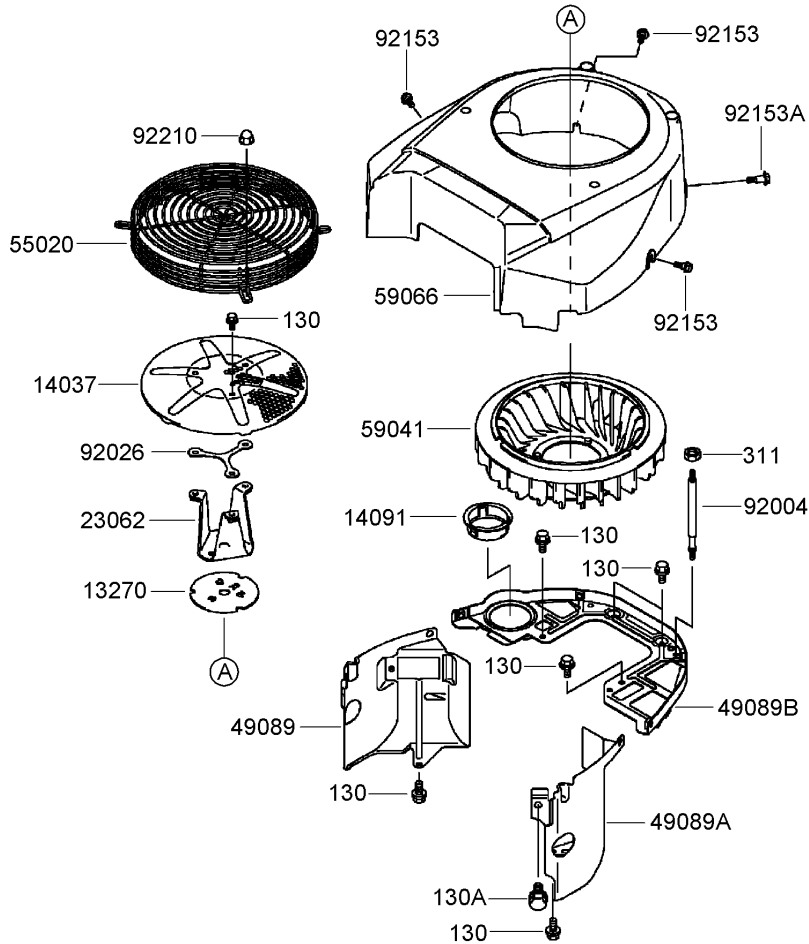
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
③12004	12004-7002	2	Valve-Intake				
③12005	12005-7004	2	Valve-Exhaust				
③12009	12009-7001	4	Retainer-Spring, Valve				
③12011	12011-2056	8	Collet				
③12016	12016-7007	4	Arm-Rocker				
③12032	12032-7001	4	Tappet				
③13070	13070-7004	1	Guide				
③13070A	13070-7007	2	Guide				
③13116	13116-7002	4	Rod-Push				
③13271	13271-7007	1	Plate				
③13271A	13271-7021	1	Plate-Governor				
③42036	42036-7010	1	Sleeve				
③49078	49078-7002	4	Spring-Valve, Engine				
③49118	49118-7007	1	Camshaft				
③92009	92009-2341	4	Screw				
③92015	92015-2253	4	Nut				
③92033	92033-7001	2	Ring-Snap				
③92140	92140-7002	6	Ball				
③92145	92145-7001	1	Spring				
③92153	92153-7019	4	Bolt				
③92200	92200-7001	1	Washer				



Lubrication Equipment Assembly
Kawasaki FH680V-DS21

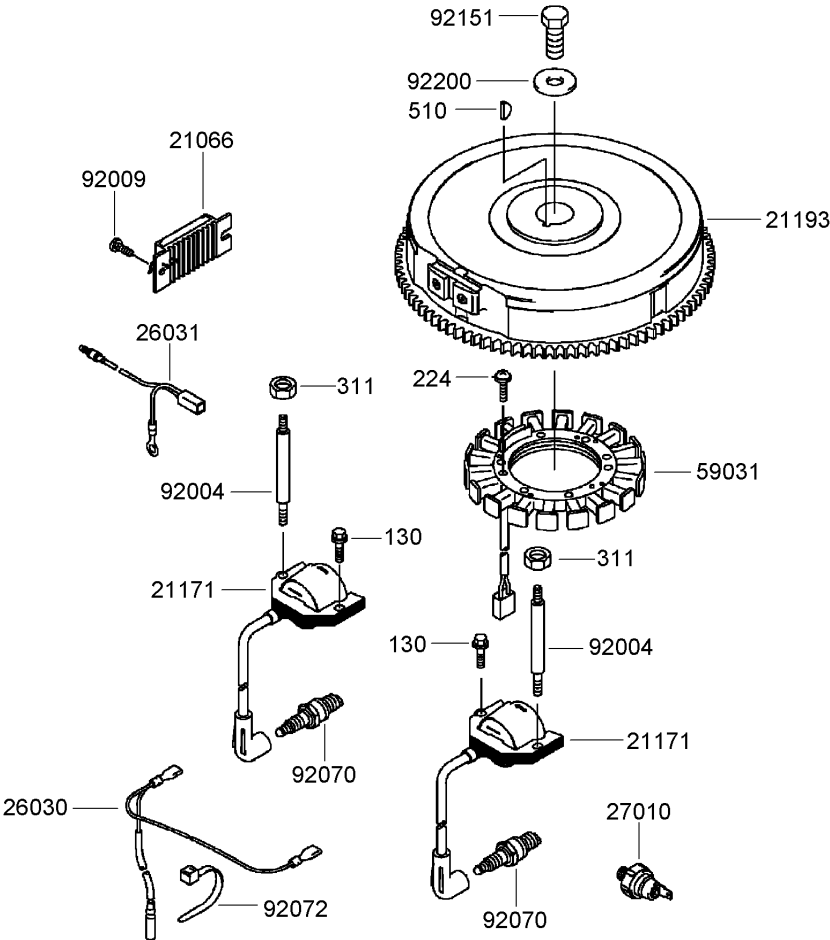
Ref	Part No.	Qty.	Description				
❶13107	13107-7009	1	Shaft				
❶13271	13271-7005	1	Plate				
❶14075	14075-7008	1	Cap ASM				
❶16154	16154-7007	1	Rotor-Pump (In)				
❶16154A	16154-7008	1	Rotor-Pump (Out)				
❶49065	49065-2078	1	Filter-Oil				
❶49065A	49065-7003	1	Filter-Oil				
❶59051	59051-7011	1	Gear-Spur				
❶59231	59231-7006	1	Filler				
❶92043	92043-7003	2	Pin				
❶92066	92066-7003	2	Plug				
❶92140	92140-7003	1	Ball				
❶92145	92145-7002	1	Spring				
❶130	130B0612	3	Bolt-Flanged (6X12)				
❶670	670D2016	3	O-Ring (16Mm)				



Cooling Equipment Assembly

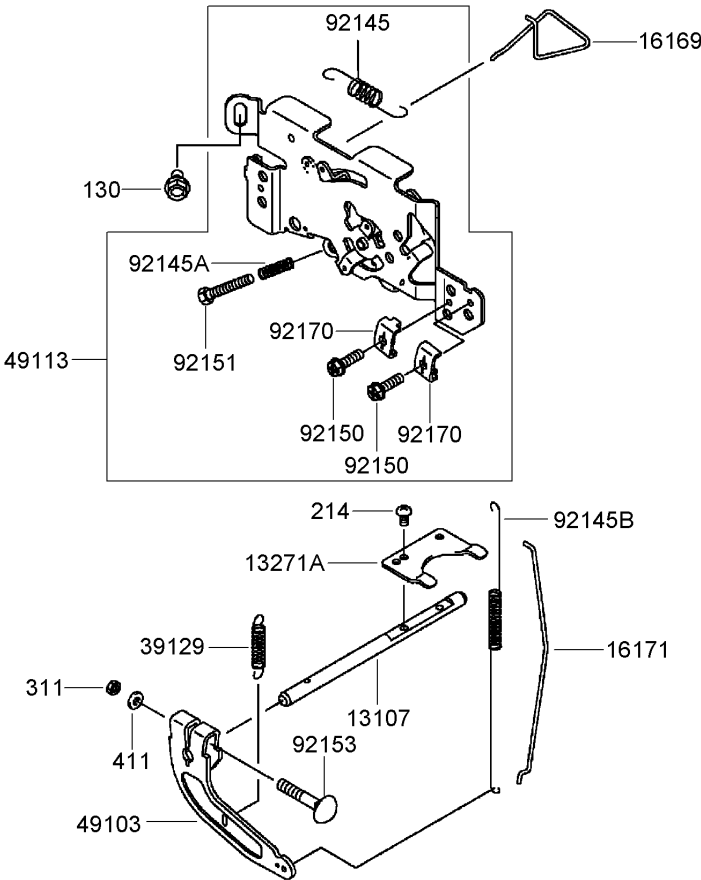
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
❸13270	13270-7007	1	Plate				
❸14037	14037-7008-9H	1	Screen				
❸14091	14091-7002	1	Cover				
❸23062	23062-7005	1	Bracket				
❸49089	49089-7004	1	Shroud-Engine				
❸49089A	49089-7005	1	Shroud-Engine				
❸49089B	49089-7049	1	Shroud-Engine				
❸55020	55020-7007	1	Guard				
❸59041	59041-7003	1	Fan				
❸59066	59066-7004	1	Housing-Fan				
❸92004	92004-7006	2	Stud				
❸92026	92026-7007	1	Spacer				
❸92153	92153-7007	3	Bolt				
❸92153A	92153-7008	1	Bolt				
❸92210	92210-0003	4	Nut				
❸130	130B0612	9	Bolt-Flanged (6X12)				
❸130A	130B0816	1	Bolt-Flanged (8X16)				
❸311	311B0600	2	Nut-Hex (6Mm)				



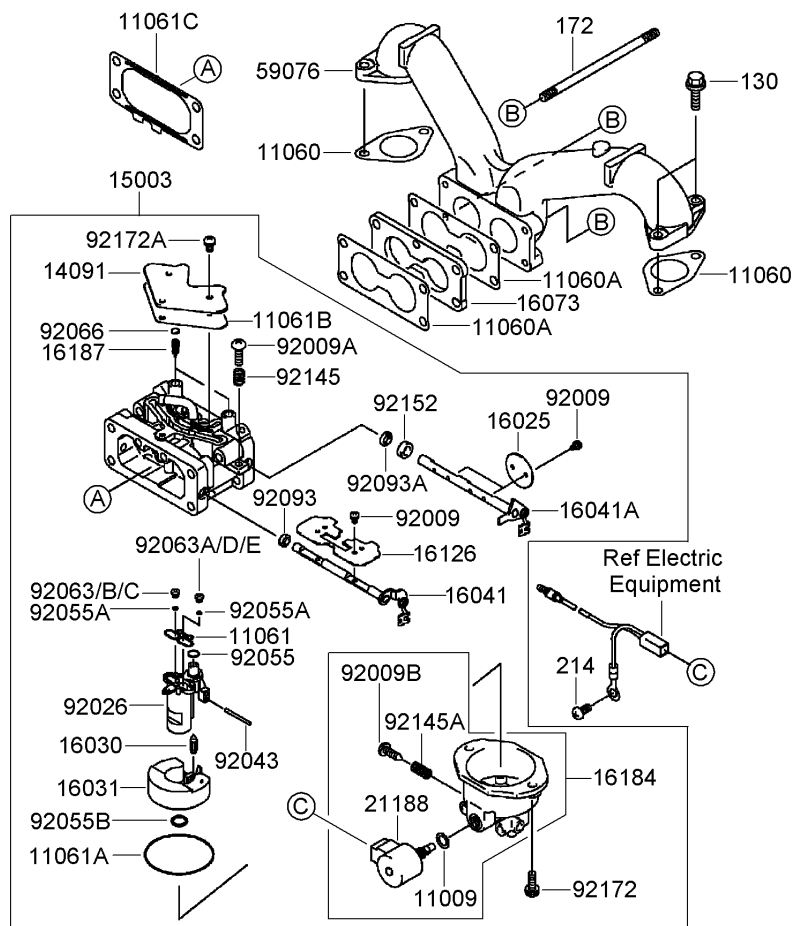
Electric Equipment Assembly
Kawasaki FH680V-DS21

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

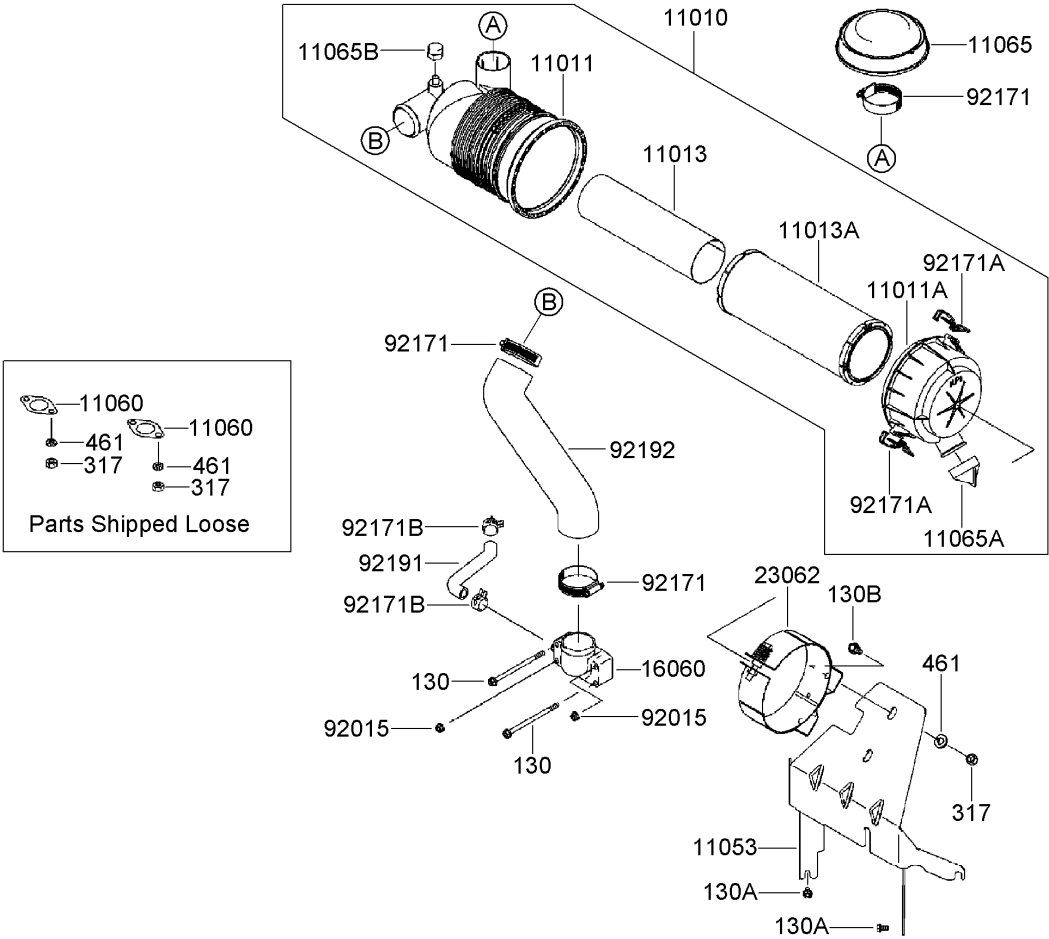
Ref	Part No.	Qty.	Description				
13107	13107-7013	1	Shaft				
13271A	13271-7032	1	Plate				
16169	16169-7006	1	Link-Choke				
16171	16171-7004	1	Link				
39129	39129-7004	1	Spring-Governor				
49103	49103-7004	1	Arm-Governor				
49113	49113-7017	1	Panel-Control				
92145	92145-7004	1	Spring				
92145A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



Carburetor Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description
①11009	11009-2056	1	Gasket
①11060	11060-7011	2	Gasket-Manifold
①11060A	11060-7024	2	Gasket-Carburetor
①11061	11061-7037	1	Gasket
①11061A	11061-7038	1	Gasket
①11061B	11061-7039	1	Gasket
①11061C	11061-7043	1	Gasket
①14091	14091-7031	1	Cover
①15003	15003-7120	1	Carburetor ASM
①16025	16025-7003	2	Valve-Throttle
①16030	16030-7004	1	Valve-Float
①16031	16031-7003	1	Float
①16041	16041-7021	1	Shaft-Carburetor
①16041A	16041-7024	1	Shaft-Carburetor
①16073	16073-7005	1	Insulator
①16126	16126-7015	1	Valve
①16184	16184-7017	1	Chamber Float ASM
①16187	16187-7002	2	Needle-Jet
①21188	21188-7003	1	Solenoid
①59076	59076-7002	1	Manifold-Intake
①92009	92009-7003	6	Screw
①92009A	92009-7004	1	Screw
①92009B	92009-7006	1	Screw-Drain
①92026	92026-7011	1	Spacer

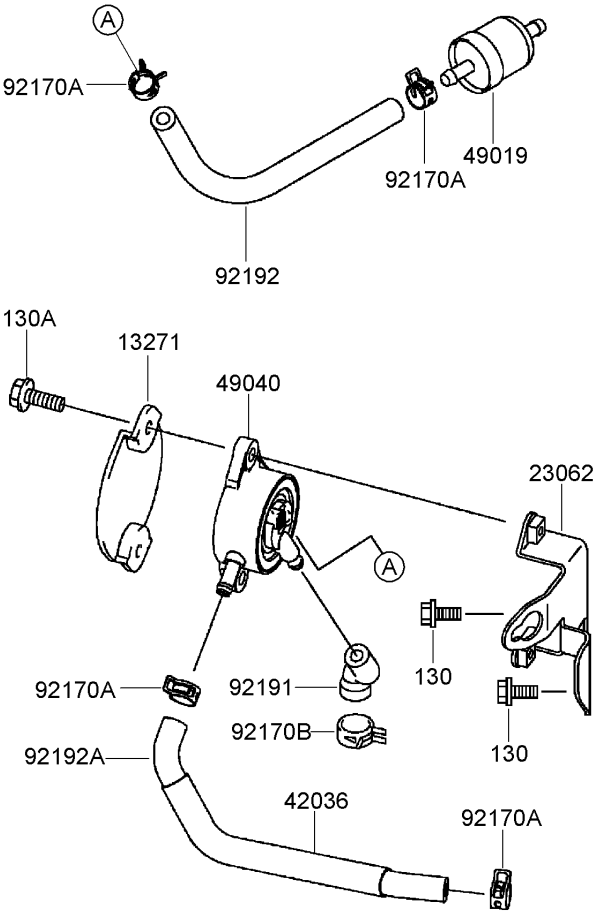
Ref	Part No.	Qty.	Description
①92043	92043-7014	1	Pin
①92055	92055-7012	1	O-Ring
①92055A	92055-7013	2	O-Ring
①92055B	92055-7016	1	O-Ring
①92063	92063-7051	1	Jet-Main, No.104
①92063A	92063-7054	1	Jet-Main, No.108
①92063B	92063-7075	1	Jet-Main, No.101 (3280)
①92063C	92063-7076	1	Jet-Main, No.098 (6560)
①92063D	92063-7077	1	Jet-Main, No.105 (3280)
①92063E	92063-7078	1	Jet-Main, No.102 (6560)
①92066	92066-7009	2	Plug, Extension
①92093	92093-7001	1	Seal (I D 5.9)
①92093A	92093-7002	1	Seal (I D 6.9)
①92145	92145-7010	1	Spring
①92145A	92145-7011	1	Spring
①92152	92152-7005	1	Collar
①92172	92172-7005	2	Screw
①92172A	92172-7006	3	Screw
①130	130B0620	4	Bolt-Flanged (6X20)
①172	172G06105	2	Bolt-Stud (6X10.5)
①214	214B0510	1	Screw-Pan (5X10)



Air Filter and Muffler Assembly

Kawasaki FH680V-DS21

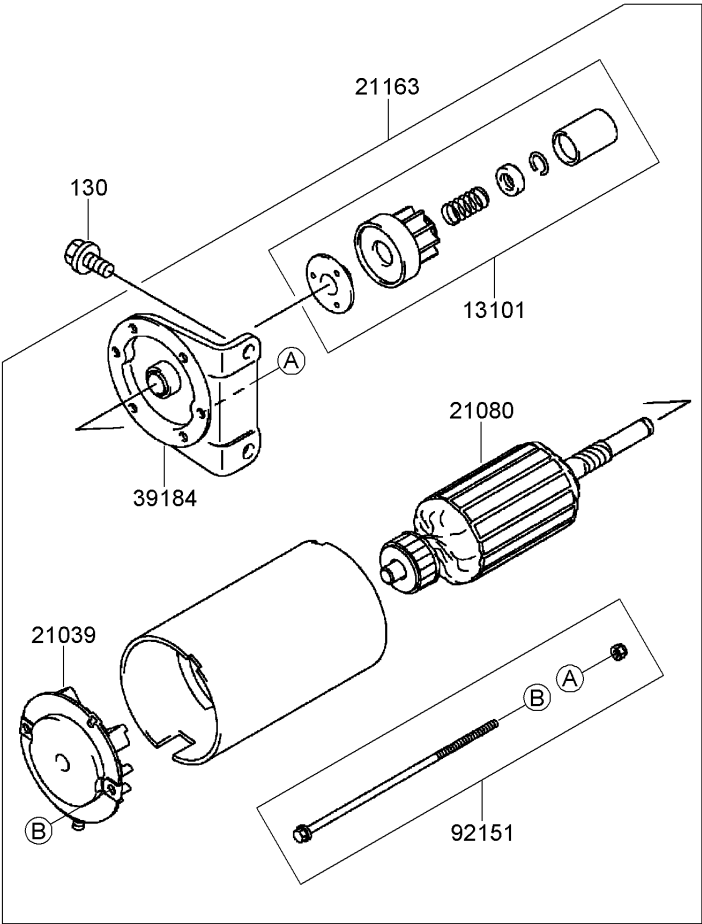
Ref	Part No.	Qty.	Description				
❶11010	11010-7011	1	Air Filter ASM				
❶11011	11011-7013	1	Case-Filter, Air				
❶11011A	11011-7014	1	Case-Filter, Air				
❶11013	11013-7019	1	Element-Filter, Air				
❶11013A	11013-7020	1	Element-Filter, Air				
❶11053	11053-7016	1	Bracket				
❶11060	11060-7016	2	Gasket-Muffler				
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

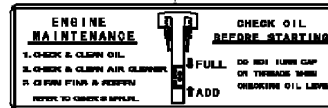
Ref	Part No.	Qty.	Description				
③13271	13271-7004	1	Plate				
③23062	23062-7004-9H	1	Bracket				
③42036	42036-7012	1	Sleeve				
③49019	49019-7001	1	Filter-Fuel				
③49040	49040-7001	1	Pump-Fuel				
③92170A	92170-2088	4	Clamp				
③92170B	92170-7003	1	Clamp				
③92191	92191-7027	1	Tube				
③92192	92192-7037	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				
13101	13101-7003	1	Gear ASM				
21039	21039-7004	1	Brush				
21080	21080-7001	1	Armature				
21163	21163-7010	1	Starter-Electric				
39184	39184-7004	1	Bracket ASM				
92151	92151-7013	1	Bolt				
130	130B0816	2	Bolt-Flanged (8X16)				

56033



56080



Label Assembly

Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description
556033	56033-7003	1	Label-Manual
556080	56080-7009	1	Decal-Brand

Attachments and Accessories

For 74416CP - Z453 Z Master, With 52in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Blade-Recycler, 18 Inch	105-7779-03
Blade-Hi Flow, 18 Inch	105-7781-03
Blade-Med Flow, 18 Inch	105-7794-03
Blade-Low Flow, 18 Inch	105-7795-03
Blade-Atomic, 18 Inch	105-7796-03
Deck Lift Assist Kit	106-9749
52 Inch Recycler Kit	107-1610
Deluxe Suspension Seat	107-1891
Suspension Kit for Standard Seat	107-1892
Z Stand Kit	107-8599
Blade-Hi-Flow, 18 Inch (6 Pack)	108-1117
Blade-Atomic, 18 Inch (6 Pack)	108-1118
Roller Striping Kit	108-2162
Mower Deck Lift Assist Kit	108-4090
Blade-Lo-Flow, 18 Inch (6 Pack)	110-0406
Blade-Recycler, 18 Inch (6 Pack)	110-0408
Blade-Med-Flow, 18 Inch (6 Pack)	110-0409
Sunshade-Bimini	110-5726
Discharge Side Anti-Scalp Roller Kit	112-1792
Channel Reinforcement Kit	112-8673
Twin Bagger	78507
DFS Vac Collection System	78510
Hitch Kit	99-8924

NOTES

