



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

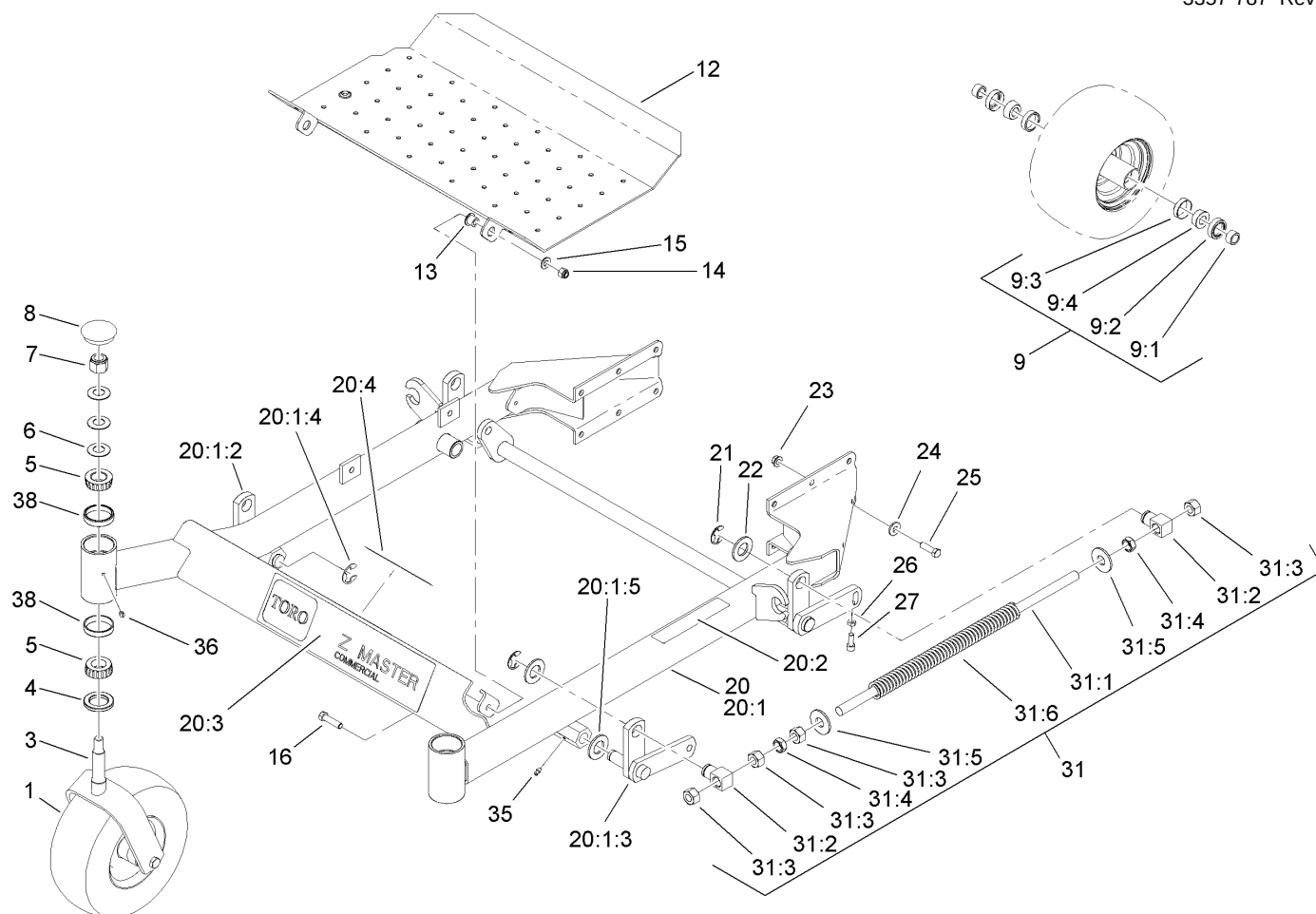
Part descriptions in this catalog may include the following abbreviations.

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

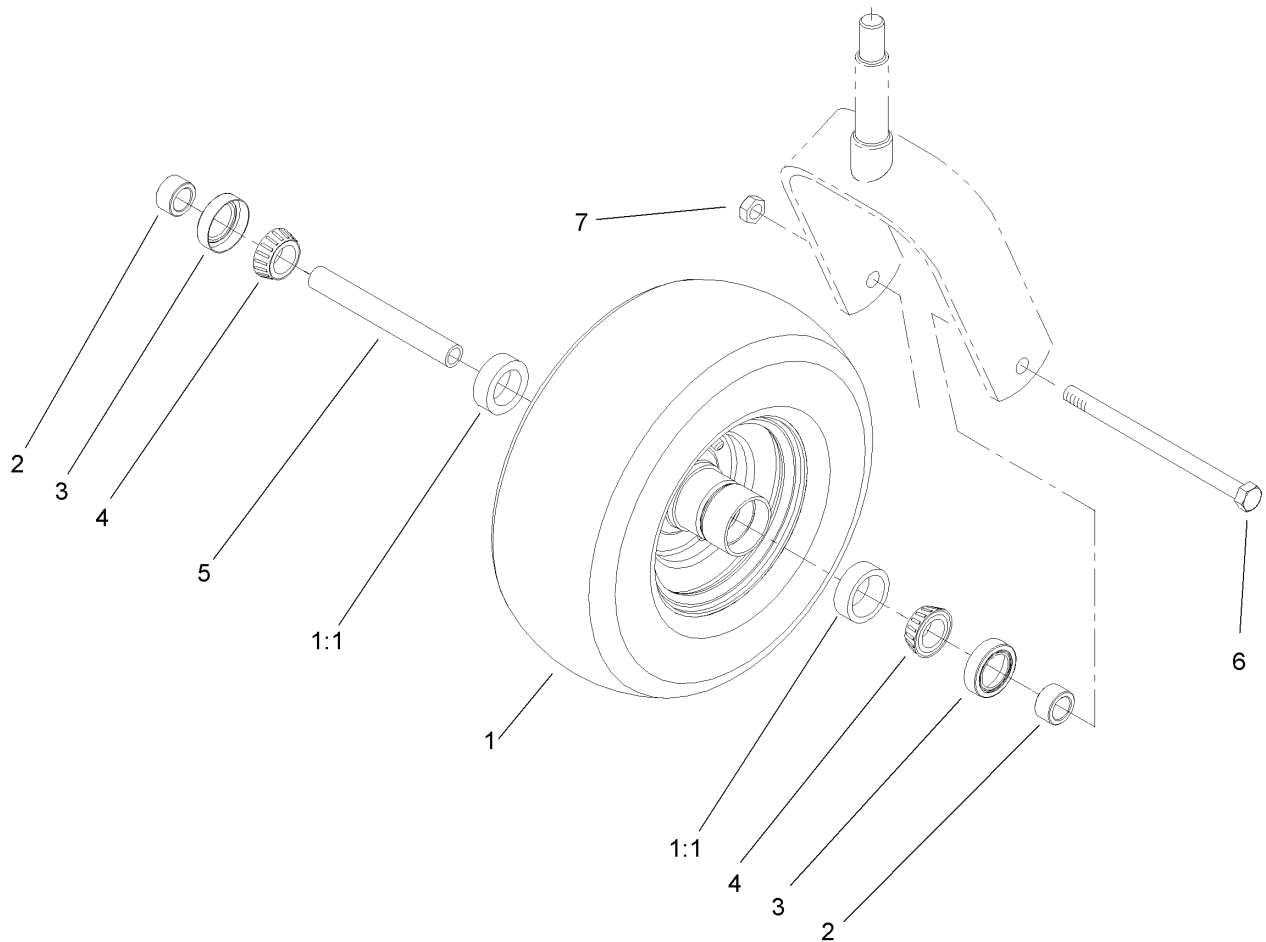
- ❶ Not illustrated
- ❷ Obtain from your local Kawasaki dealer

- ❸ Not serviced separately



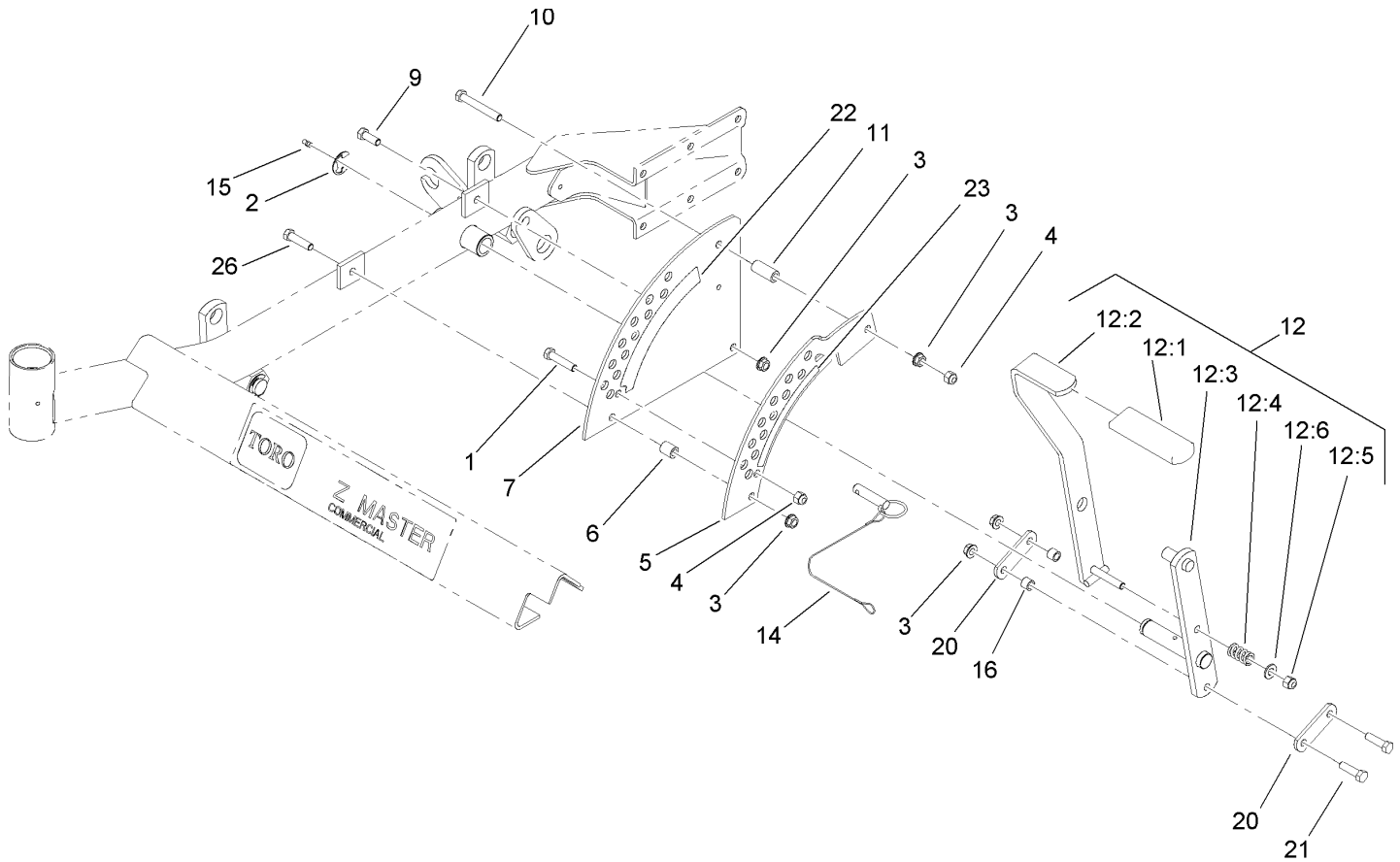
Front Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-5745	2	Semi Pnuematic Wheel ASM	20:3	106-7451	1	Decal
3	1-632511-01	2	Caster	20:4	107-2112	1	Decal-Warning
4	1-543511	2	Seal-Grease	21	32151-103	4	Ring-Snap
5	254-94	4	Bearing-Cone, Tapered	22	3256-29	4	Washer-Flat
6	1-633508	6	Washer-Bellville	23	3290-357	12	Nut-HHF, Whiz
7	3296-51	2	Nut-Lock, NI	24	98-5975	12	Washer-Belleville
8	103-4882	2	Cap-Grease	25	323-7	12	Screw-HH
9	110-8837	1	Caster Wheel Bearing Kit	26	3218-2	2	Nut-Jam
9:1	1-633581	2	Spacer-Bearing	27	3274-18	2	Screw-HSH
9:2	1-633580	2	Seal-Bearing	31	1-634439	2	Front Frame Spring ASM
9:3	1-633584	2	Bearing-Cup	31:1	1-633096	1	Rod-Lift, Deck
9:4	1-633585	2	Bearing-Cone, Taper	31:2	1-633441	2	Swivel-Deck Mount, Rear
12	108-5007-03	1	Floor Pan	31:3	3217-11	4	Nut-Hex
13	86-2180	2	Bushing-Flange	31:4	3218-6	2	Nut-Jam
14	3296-39	2	Nut-Lock, NI	31:5	3256-7	2	Washer-Flat
15	3256-24	2	Washer-Flat	31:6	1-633064	1	Spring-Support, Deck
16	323-8	2	Screw-HH	35	302-19	4	Fitting-Grease
20	108-5022	1	Front Frame ASM	36	1-811010	2	Plug
20:1		1	Frame-Front	38	254-72	4	Bearing-Cup, Tapered
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				



Caster Wheel Assembly No. 110-5745

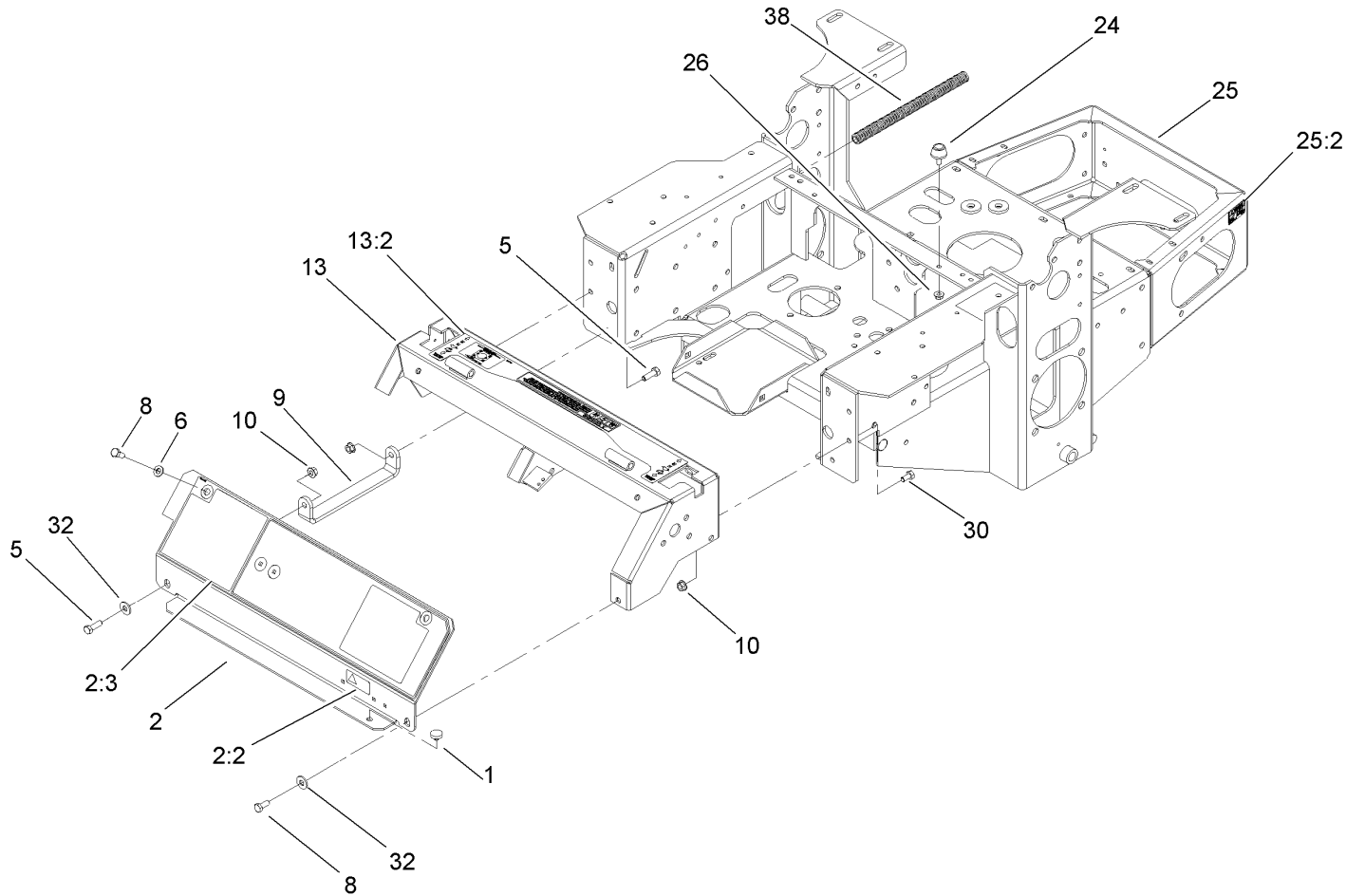
Ref	Part No.	Qty.	Description				
1	110-5743	1	Wheel And Tire ASM (Semi-Pneumatic)				
1:1	1-633584	1	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock,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



Height-of-Cut Assembly

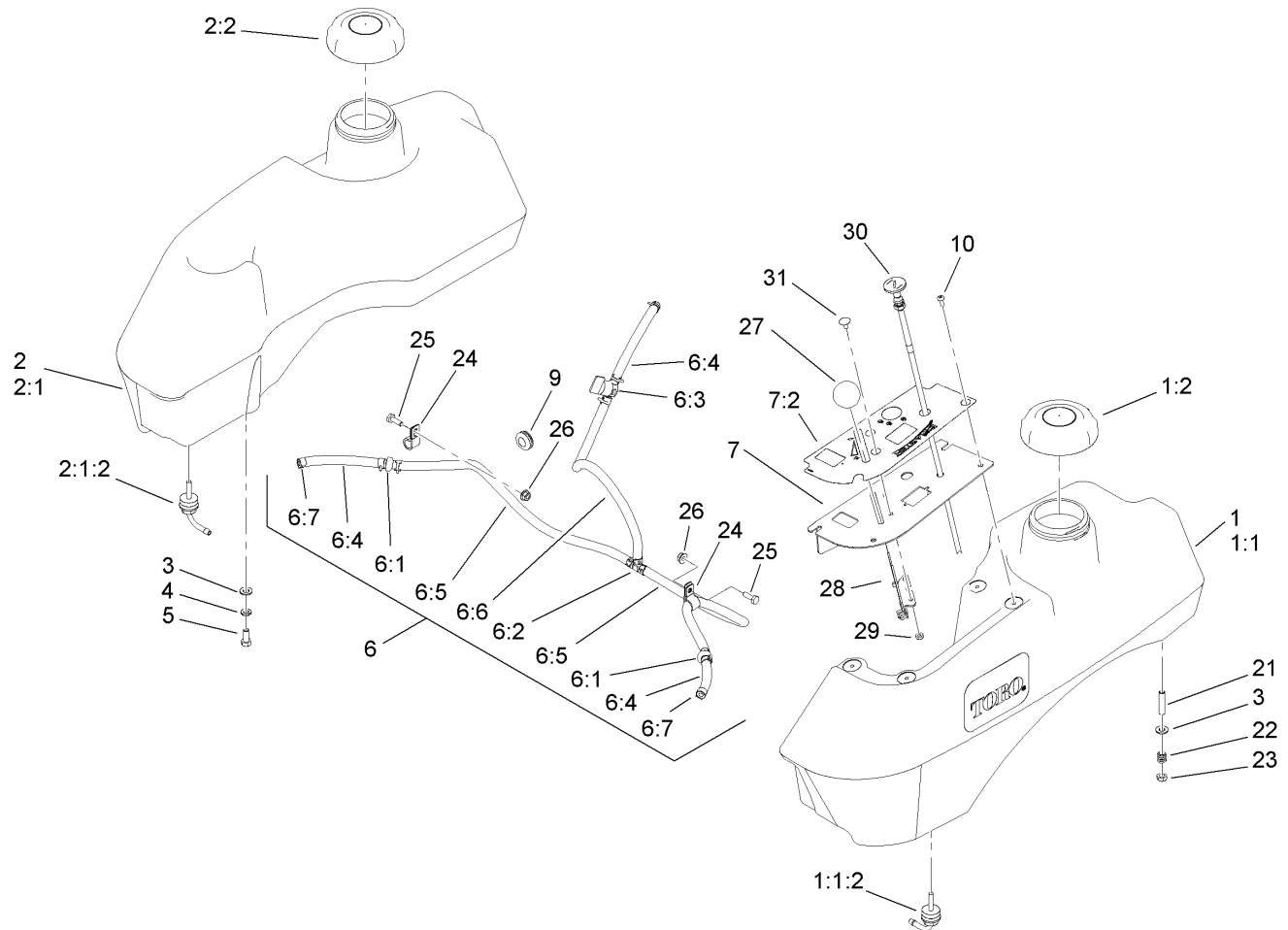
Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	5	Nut-HHF, Whiz
4	3296-39	2	Nut-Lock, NI
5	108-7755-01	1	Plate-Lift, Deck
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	1-633082	1	Bushing-Lever, Lift
12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

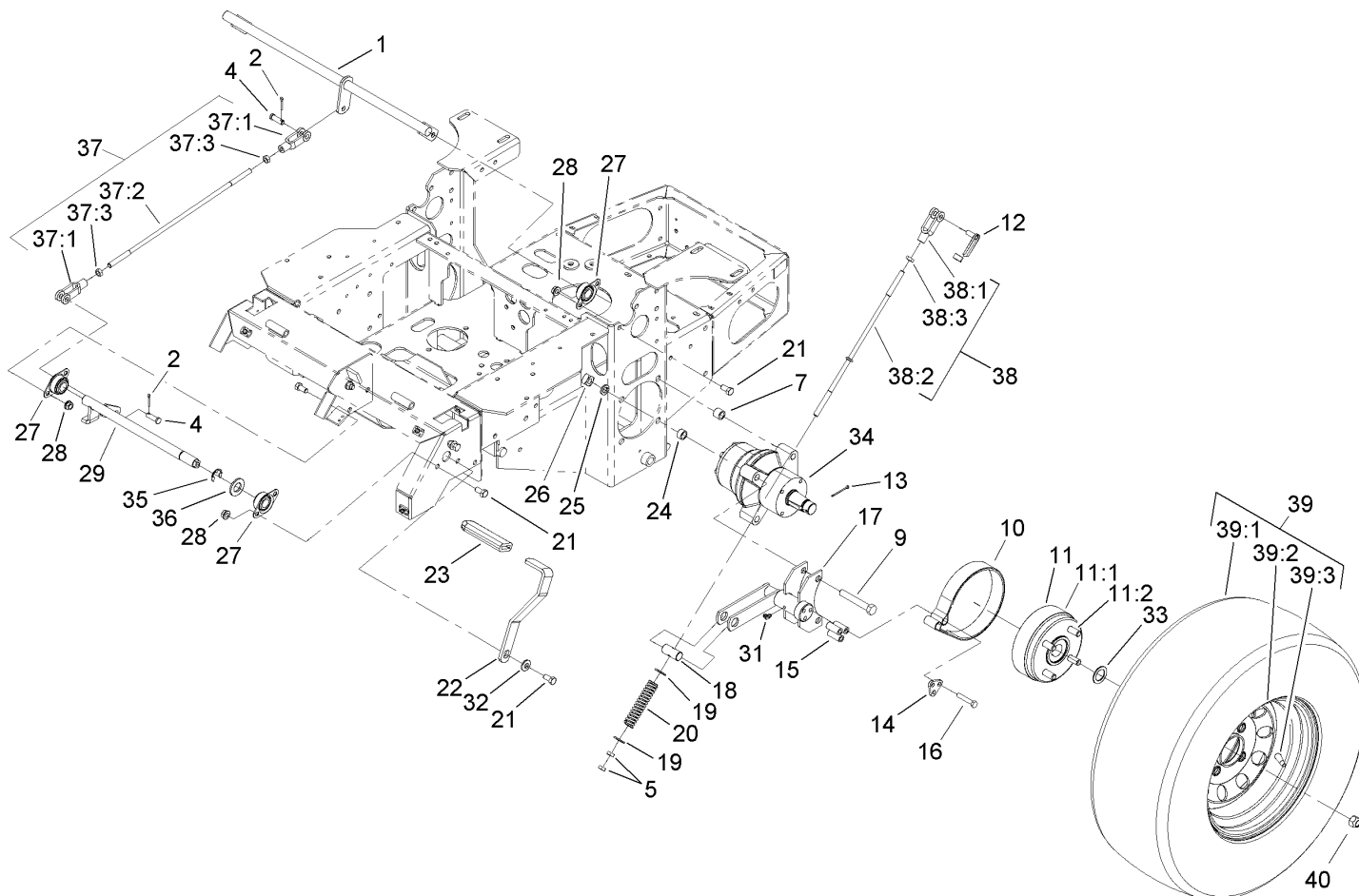
Ref	Part No.	Qty.	Description				
1	1-513658	2	Bumper				
2	108-1864	1	Panel ASM				
2:2	98-4387	1	Decal-Protection, Ear				
2:3	107-8445	1	Decal-Cover, Panel				
5	322-5	2	Screw-HH				
6	3256-23	2	Washer-Flat				
8	322-3	3	Screw-HH				
9	103-7935-03	1	Bracket-Panel, Instrument				
10	32128-20	6	Nut-HF				
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
2	110-4165	1	LH Fuel Tank ASM
2:1	110-4165	1	LH Fuel Tank ASM
2:1:1	110-4165	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	105-3639	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	110-5701	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



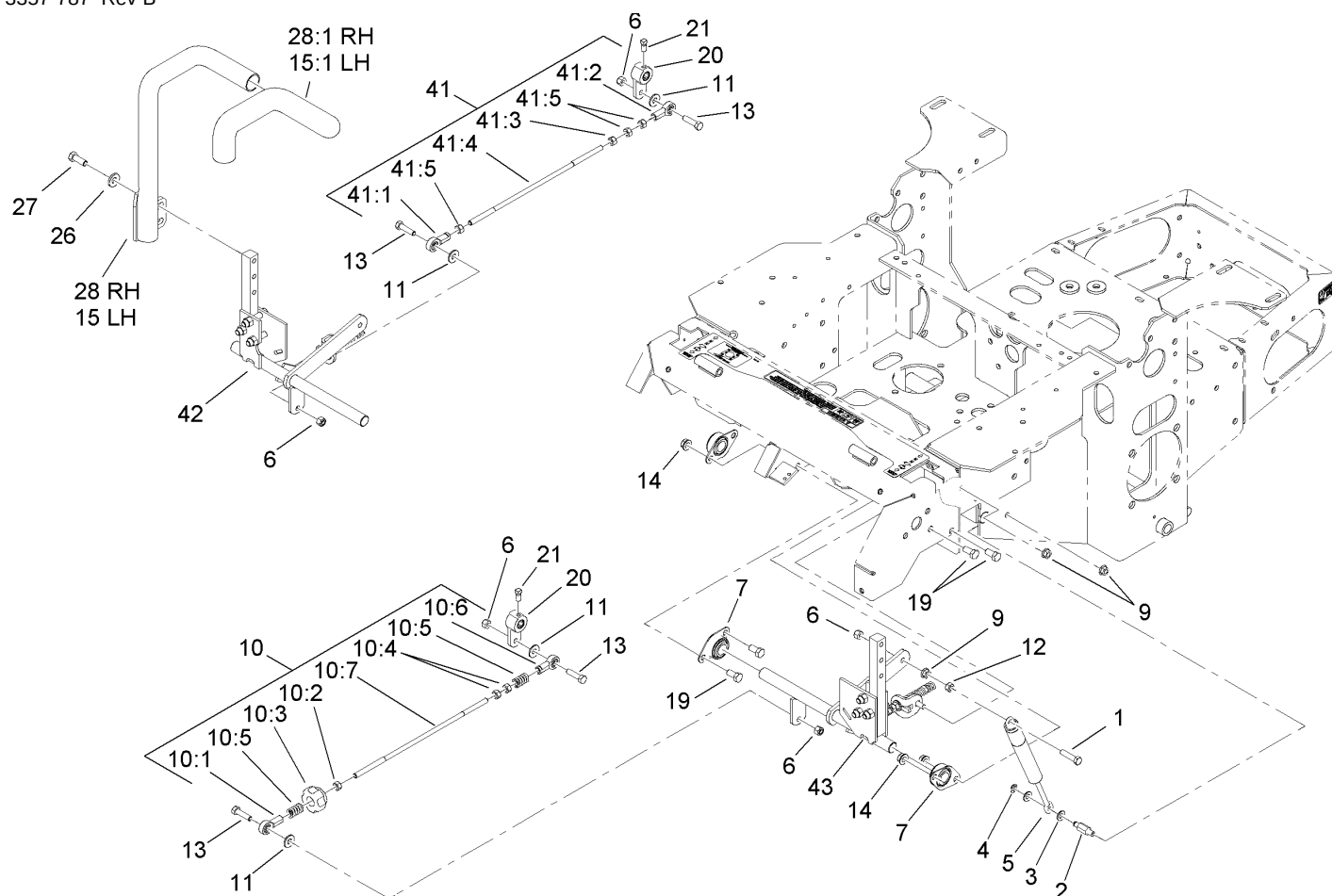
Parking Brake Assembly

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		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



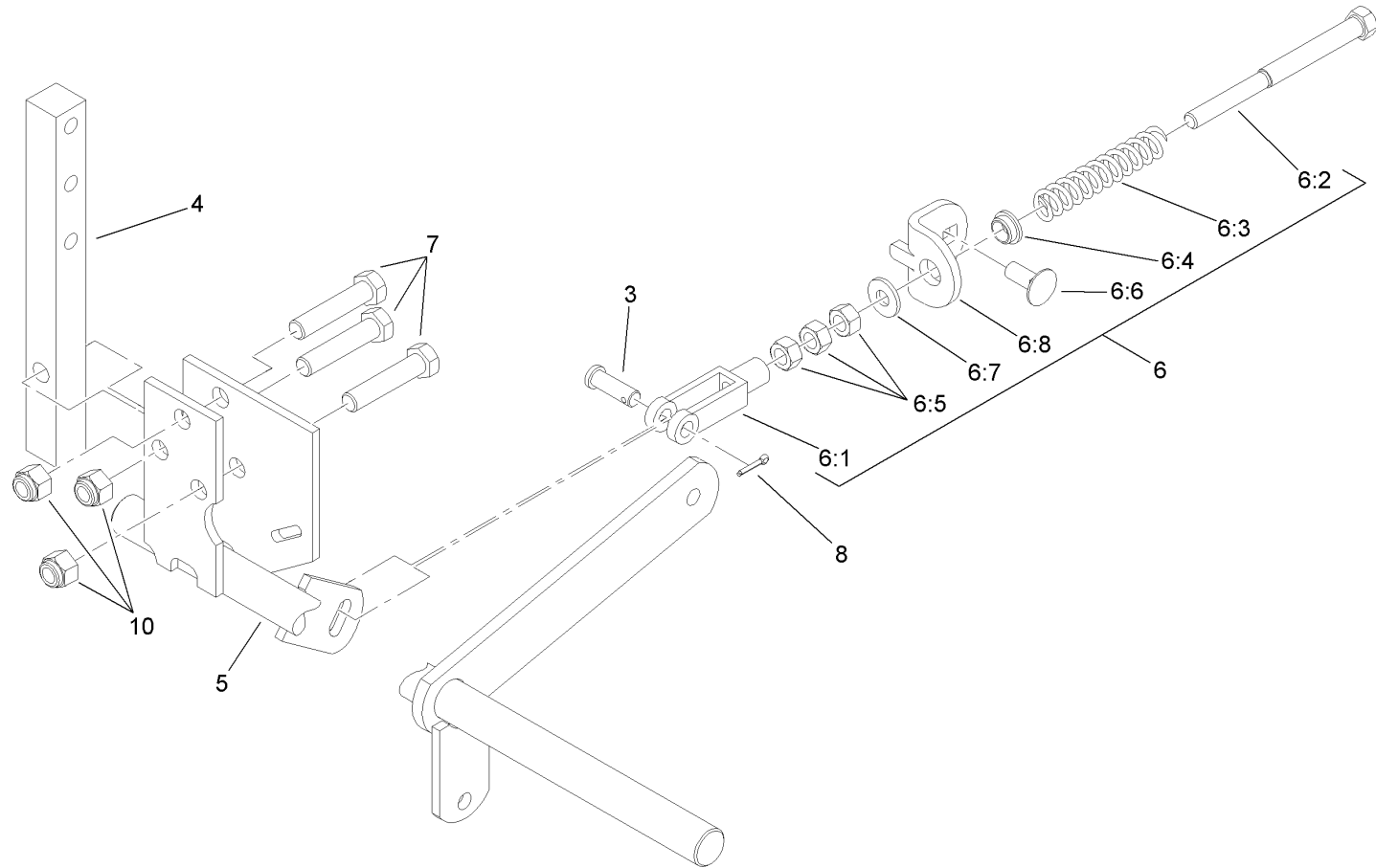
Ref	Part No.	Qty.	Description
40	242-50	8	Nut-Lug



Motion Control Assembly

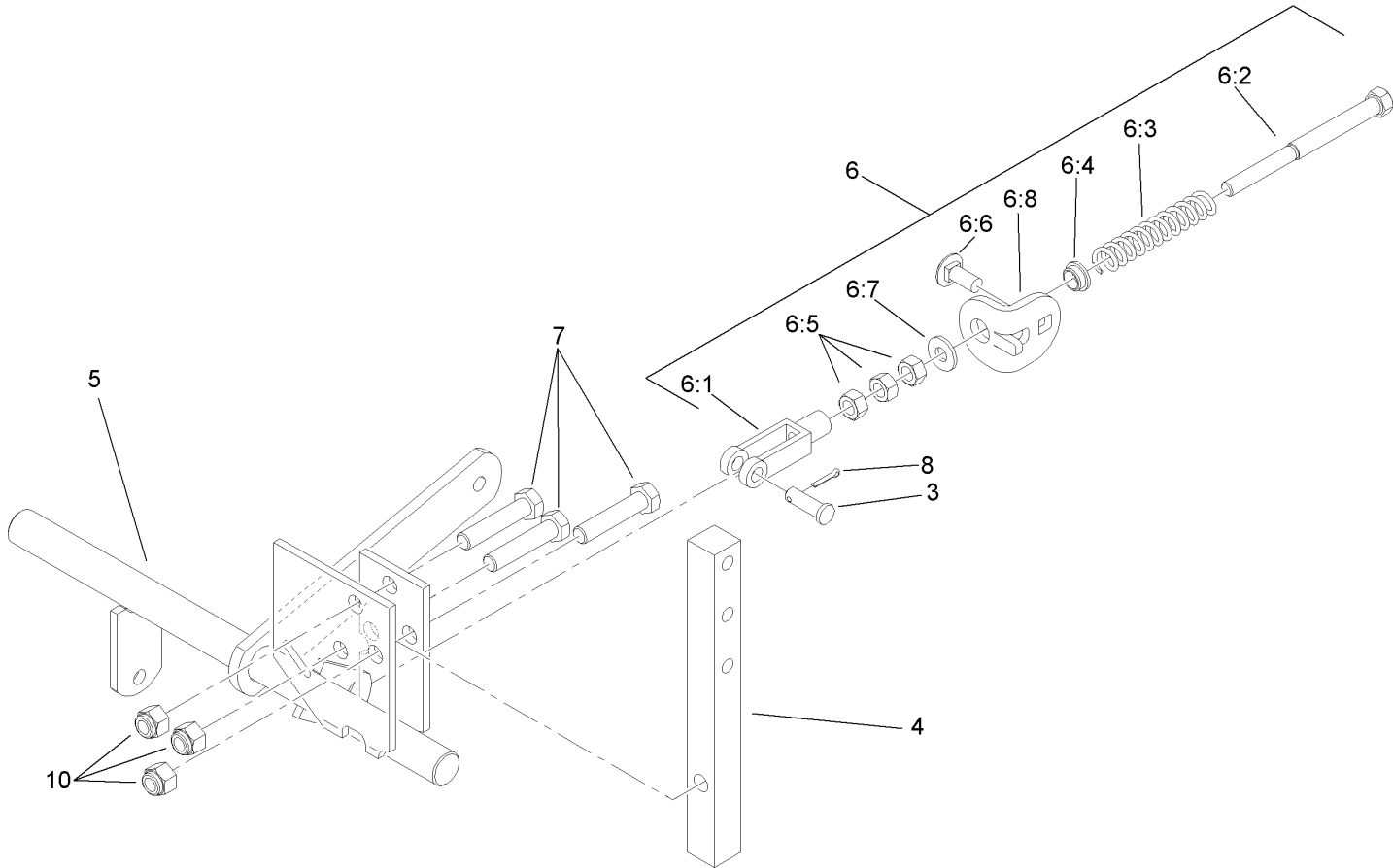
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	109-2339	2	Damper-Control, Motion
6	3296-29	6	Nut-Lock, NI
7	1-633102	4	Bearing-Flange, Side
9	32128-20	10	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH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



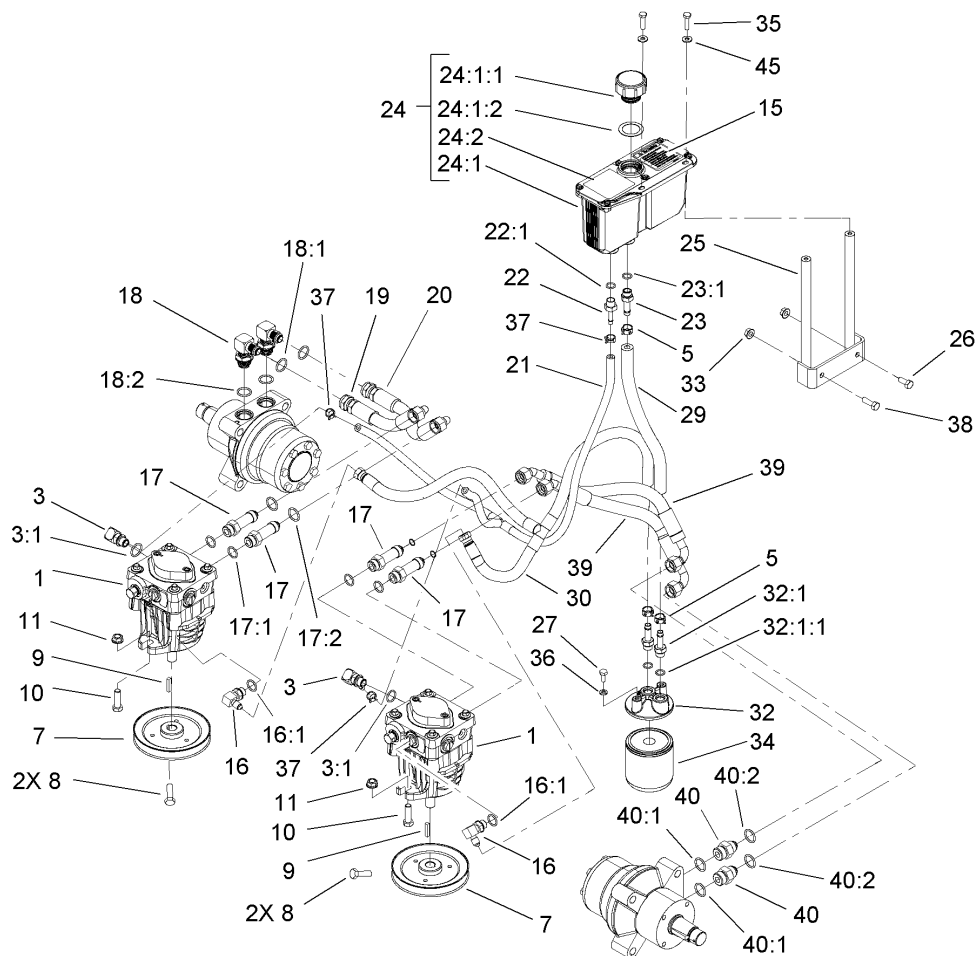
Right Hand Motion Control Assembly No. 109-3911

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

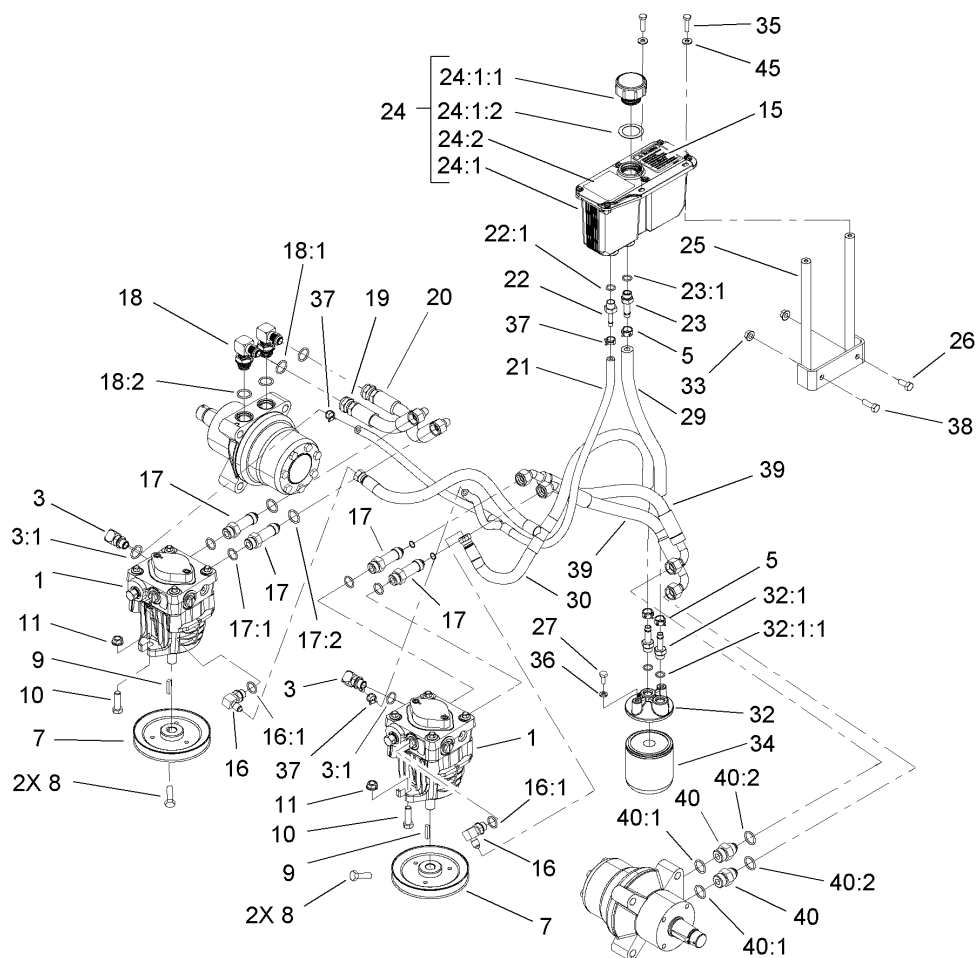
Ref	Part No.	Qty.	Description				
3	1-808280	1	Pin-Clevis				
4	103-0407	1	Arm-Shaft, Control				
5	103-4774	1	Control-Motion, LH				
6	109-3903	1	Neutral Return ASM				
6:1	1-303105	1	Yoke-Adjustable				
6:2	1-603737	1	Bolt-Return, Neutral				
6:3	1-603807	1	Spring-Return, Neutral				
6:4	109-3769	1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

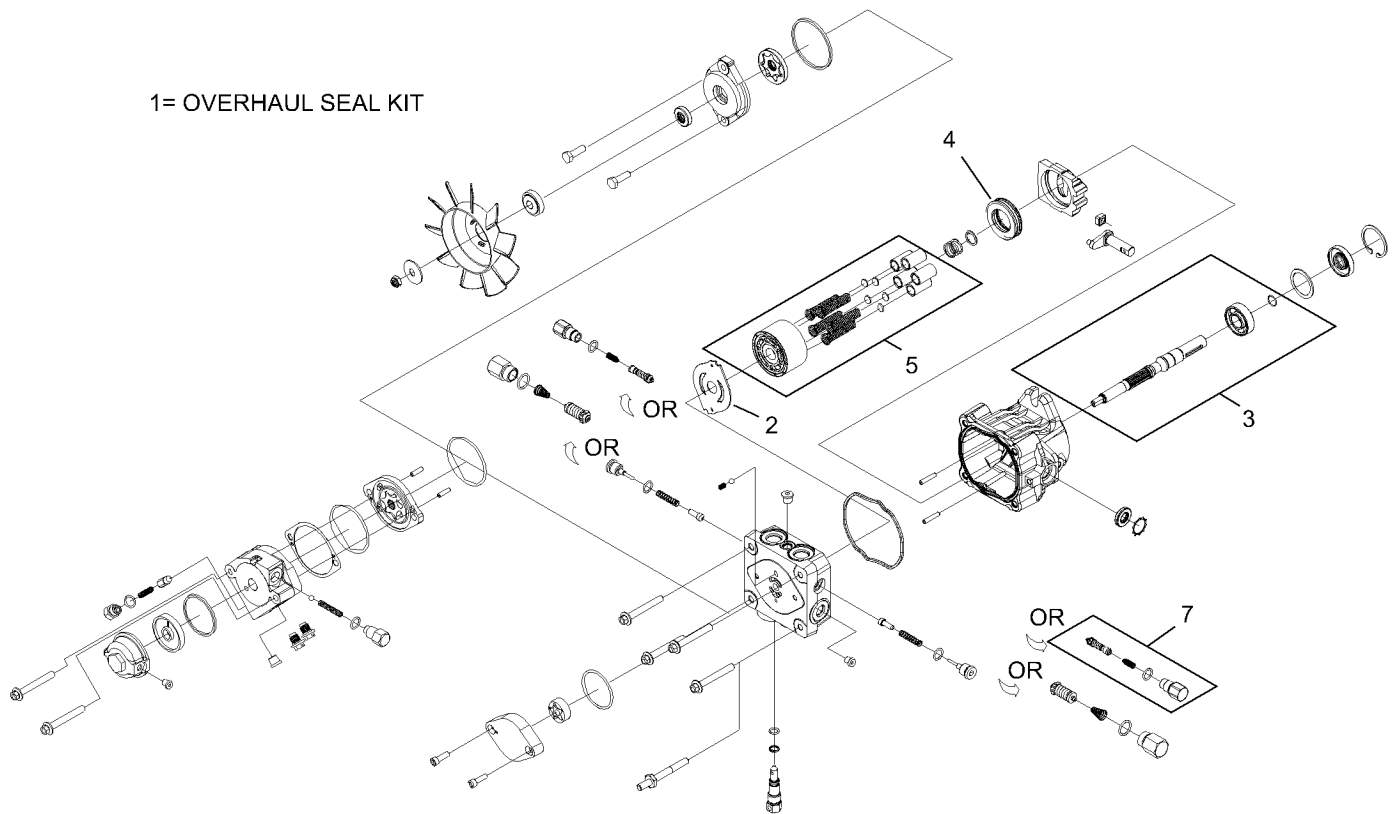
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF, Whiz
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-HYD, 90 DEG
16:1	1-603921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



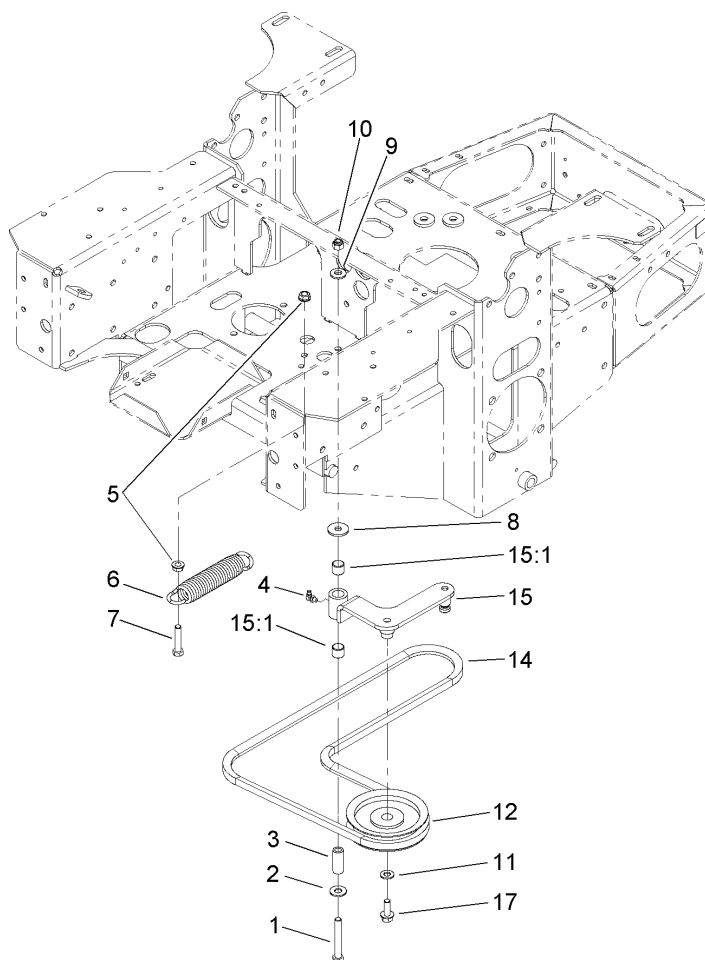
Hydraulic System Assembly (continued)

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



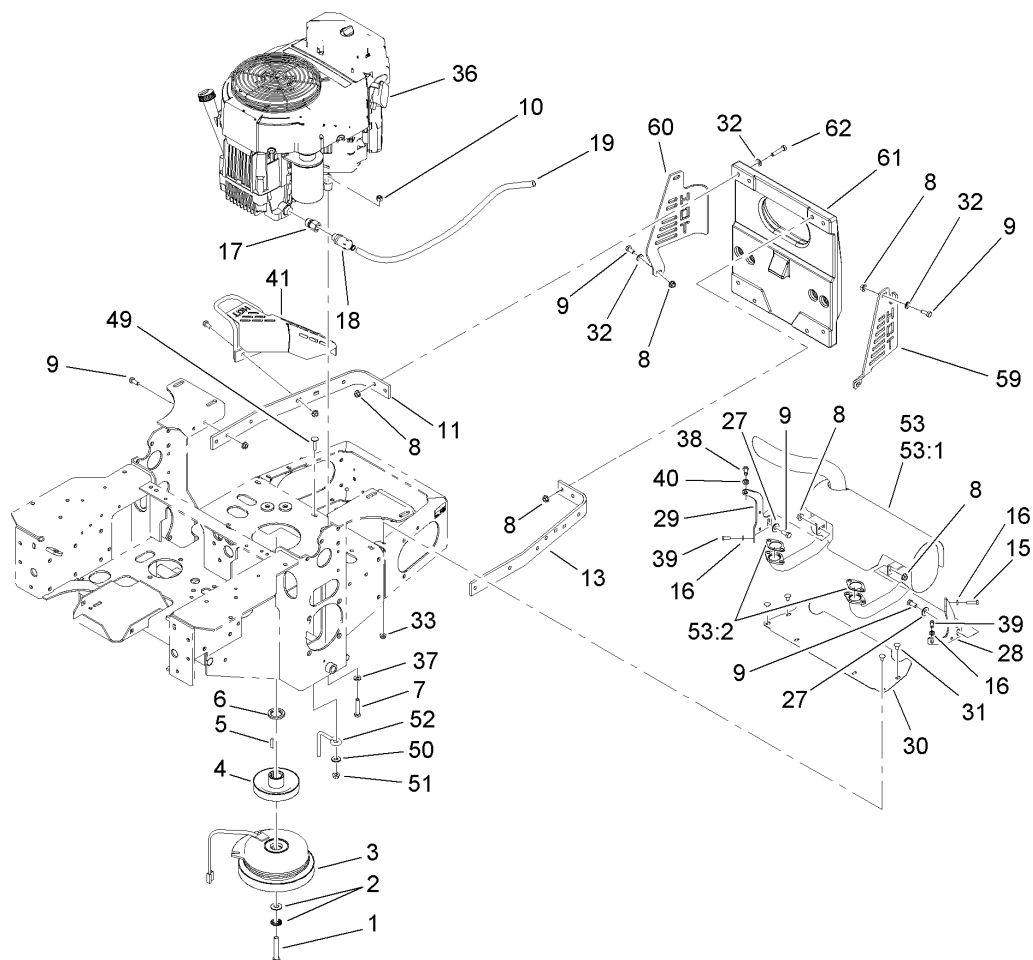
Hydraulic Pump Assembly No. 103-1942

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

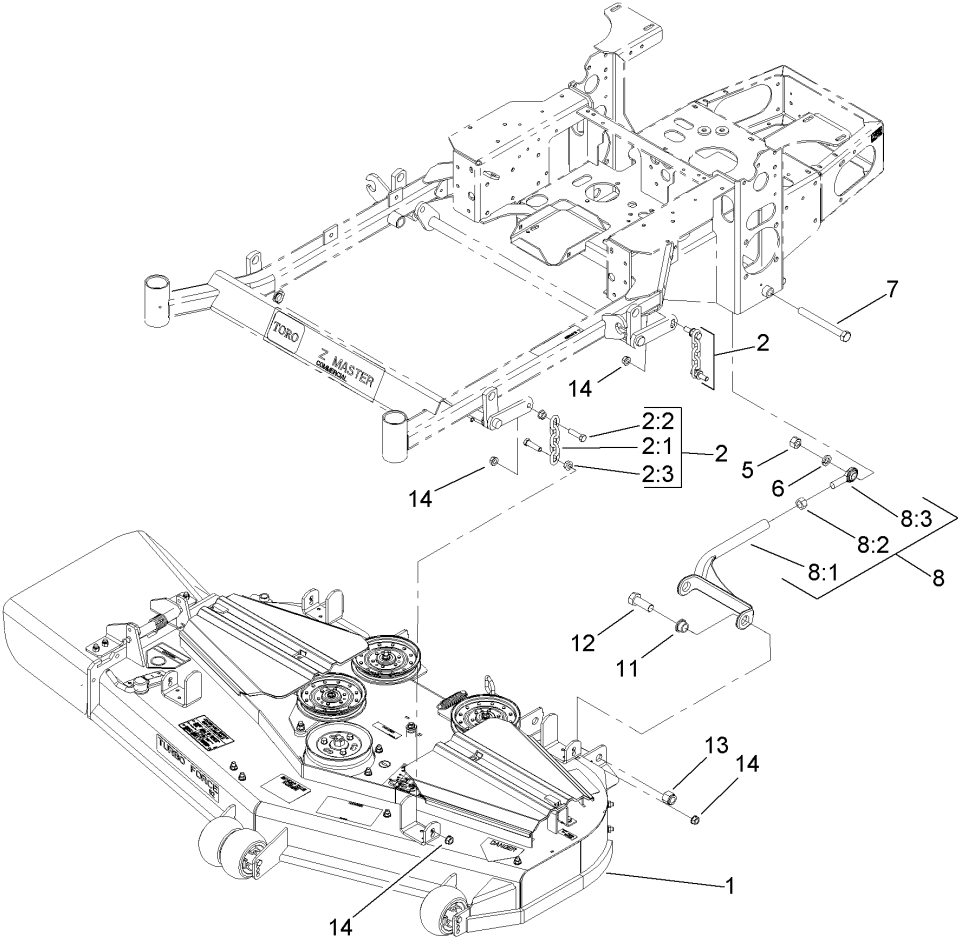
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF, Whiz				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock,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

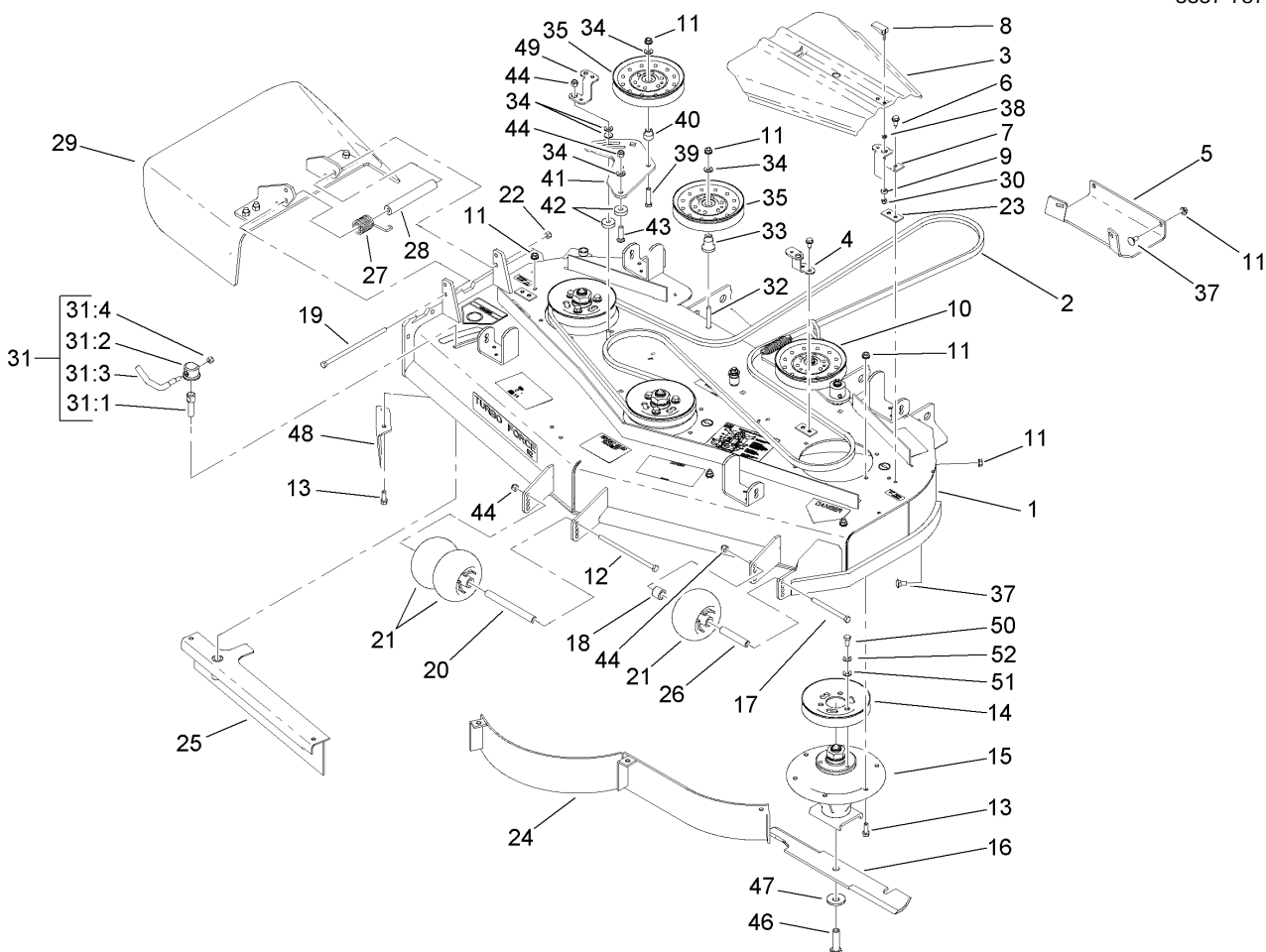
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	109-2916	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	15	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
13	103-3164-03	1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

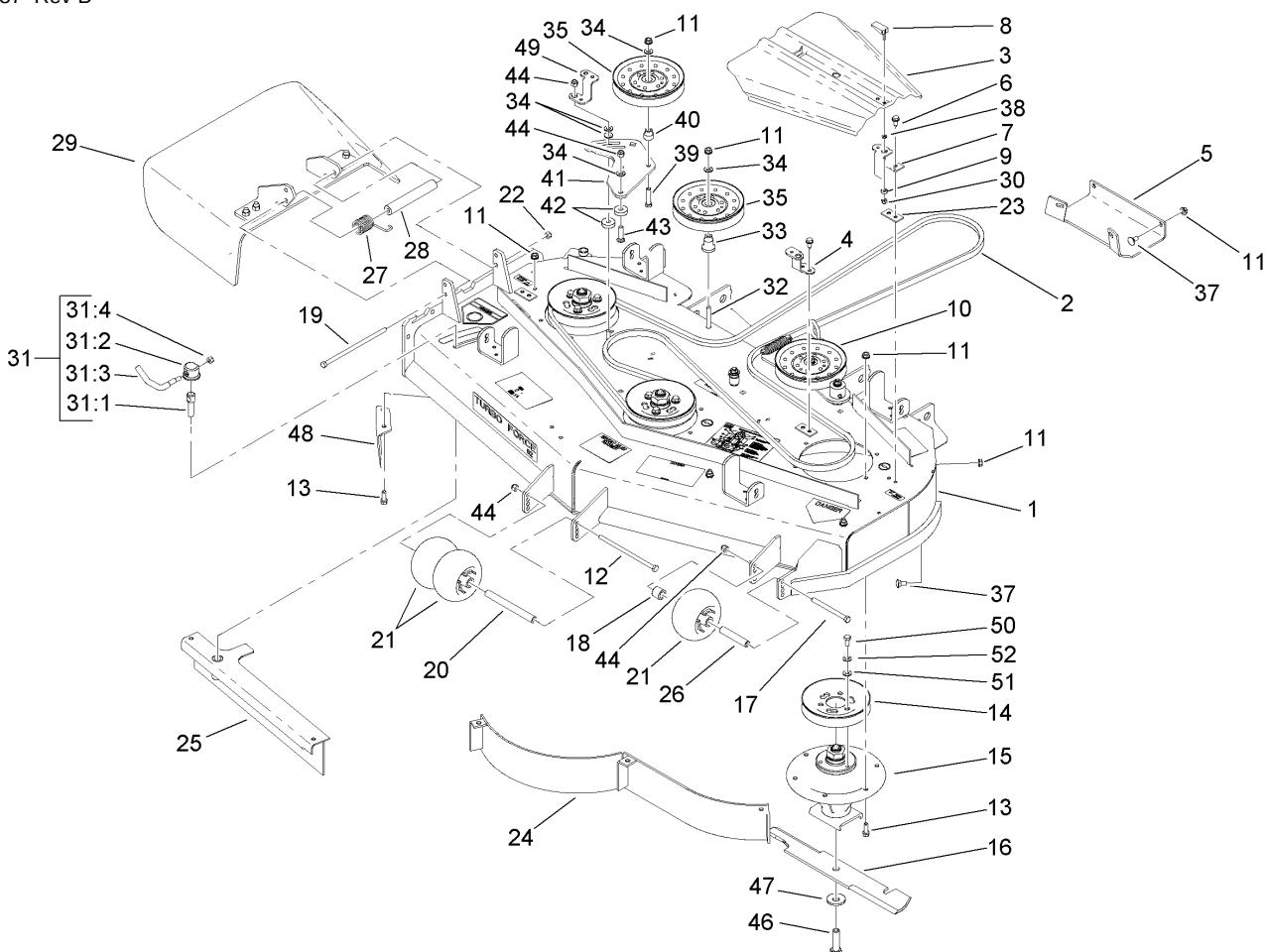
Ref	Part No.	Qty.	Description				
② 1		1	Deck ASM				
2	103-9792	4	Deck Chain ASM				
2:1	1-633447	1	Chain-Lift, Deck				
2:2	103-1898	2	Screw-HH				
2:3	32128-37	2	Nut-HF				
5	3217-11	2	Nut-Hex				
6	3253-8	2	Washer-Lock				
7	1-800344	2	Screw				
8	108-7768	2	Strut ASM				
8:1	108-7753-03	1	Strut-Deck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

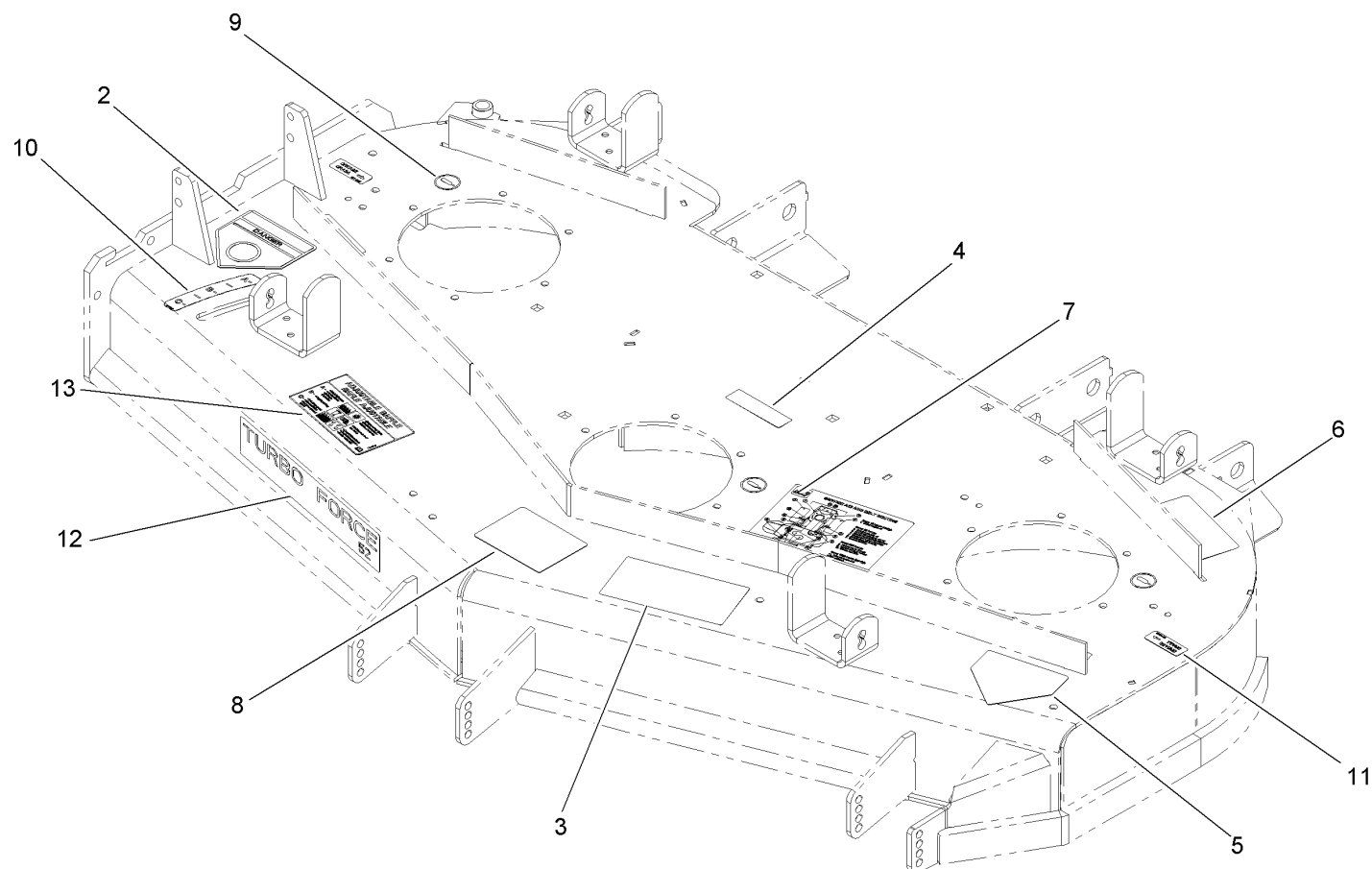
Ref	Part No.	Qty.	Description
1	107-1669	1	Deck ASM
2	106-7369	1	Belt-V
3	112-8665	2	Cover-Belt
4	108-2177-01	1	Bracket-Cover, Tall
5	106-7358-01	1	Plate-Skid
6	32144-70	3	Screw-HWHTF
7	108-4121-01	2	Bracket-Cover
8	106-6777	2	Handle-Latch, Swell
9	106-6778	2	Bushing-Latch, Swell
10		1	Spring Idler ASM
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



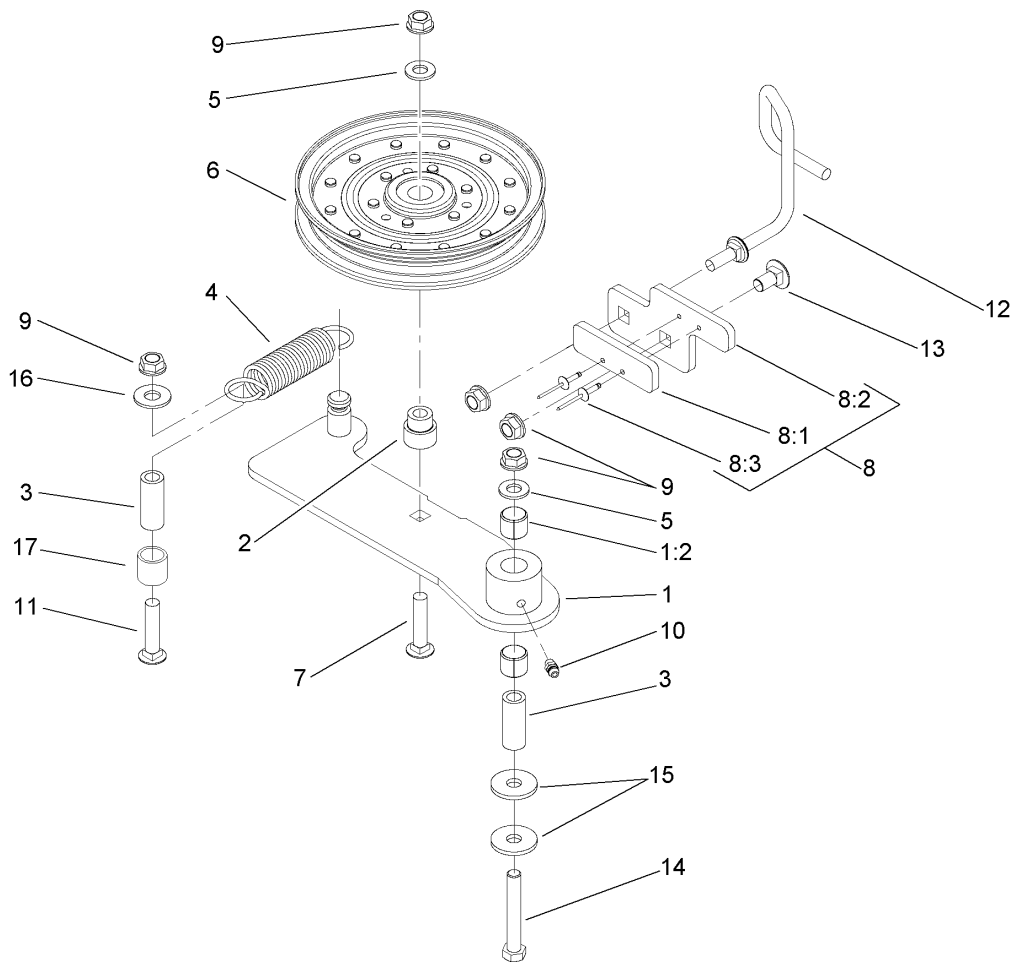
Deck Assembly (continued)

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
❶99	105-7796-03	3	Blade-Atomic
❶99	105-7795-03	3	Blade-Low Flow
❶99	105-7794-03	3	Blade-Med Flow
❶99	105-7779-03	3	Blade-Recycler



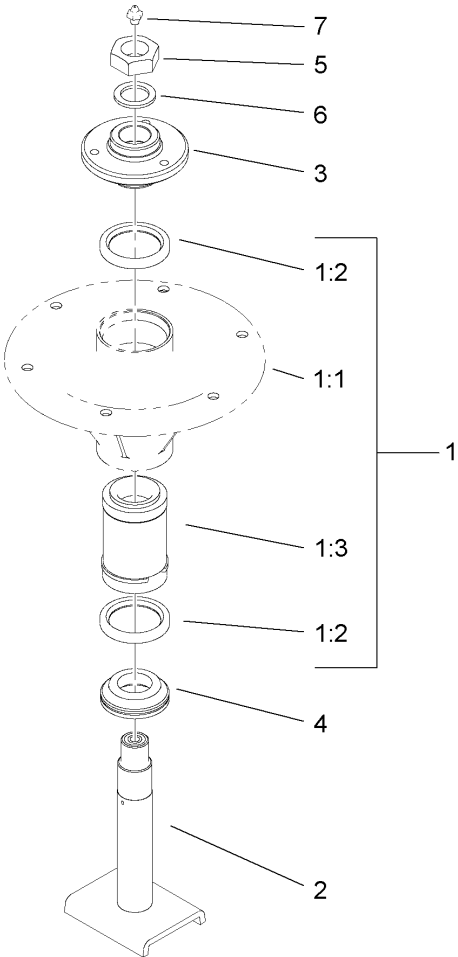
Deck Decal Assembly No. 107-1669

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				



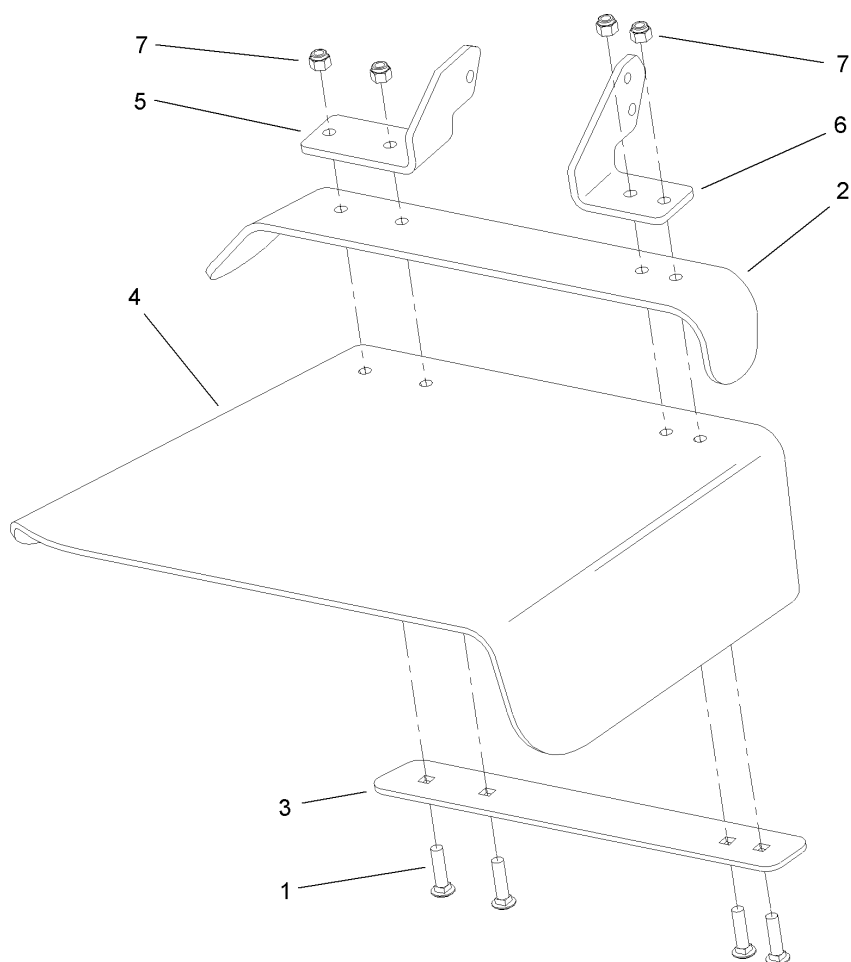
Idler Assembly

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				



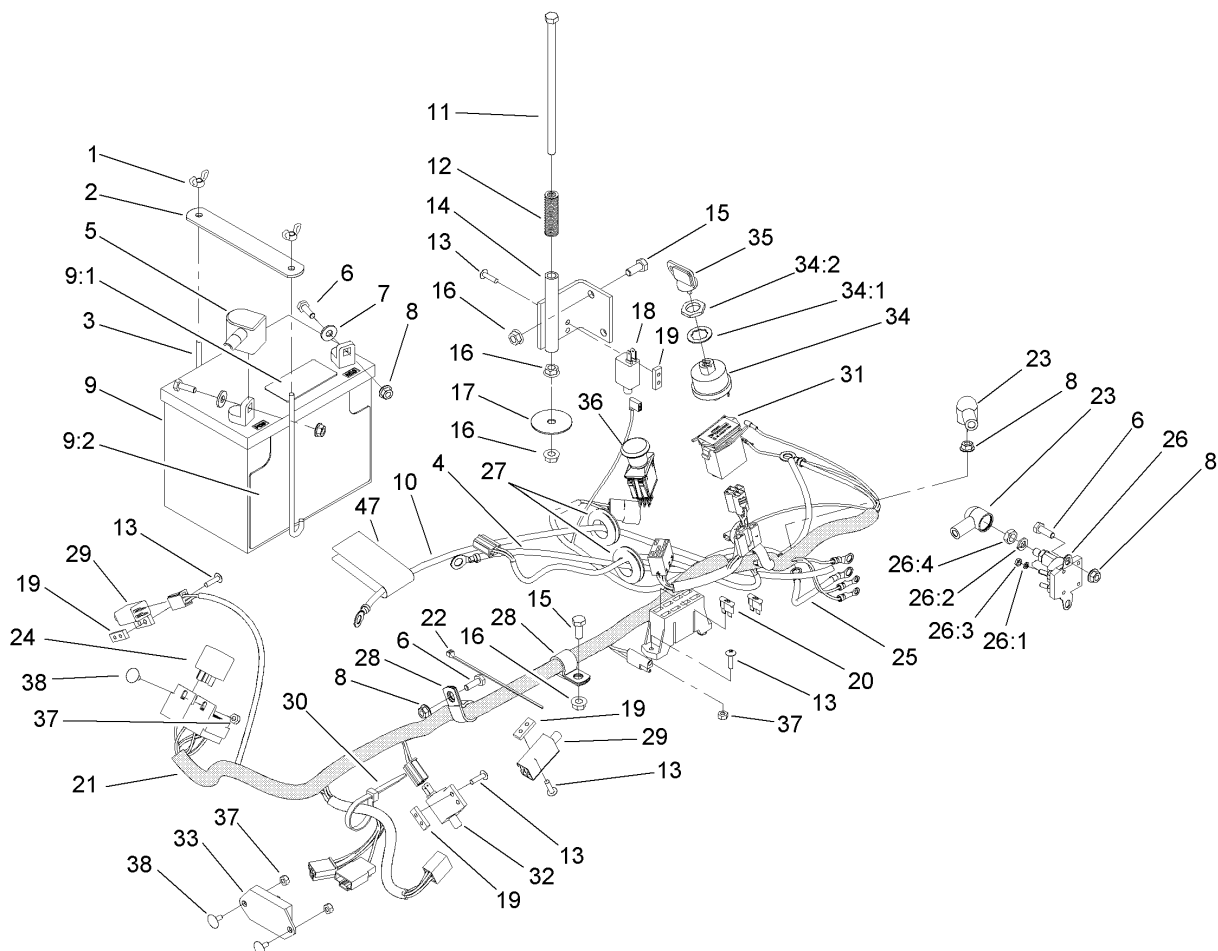
Spindle Assembly No. 112-8698

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

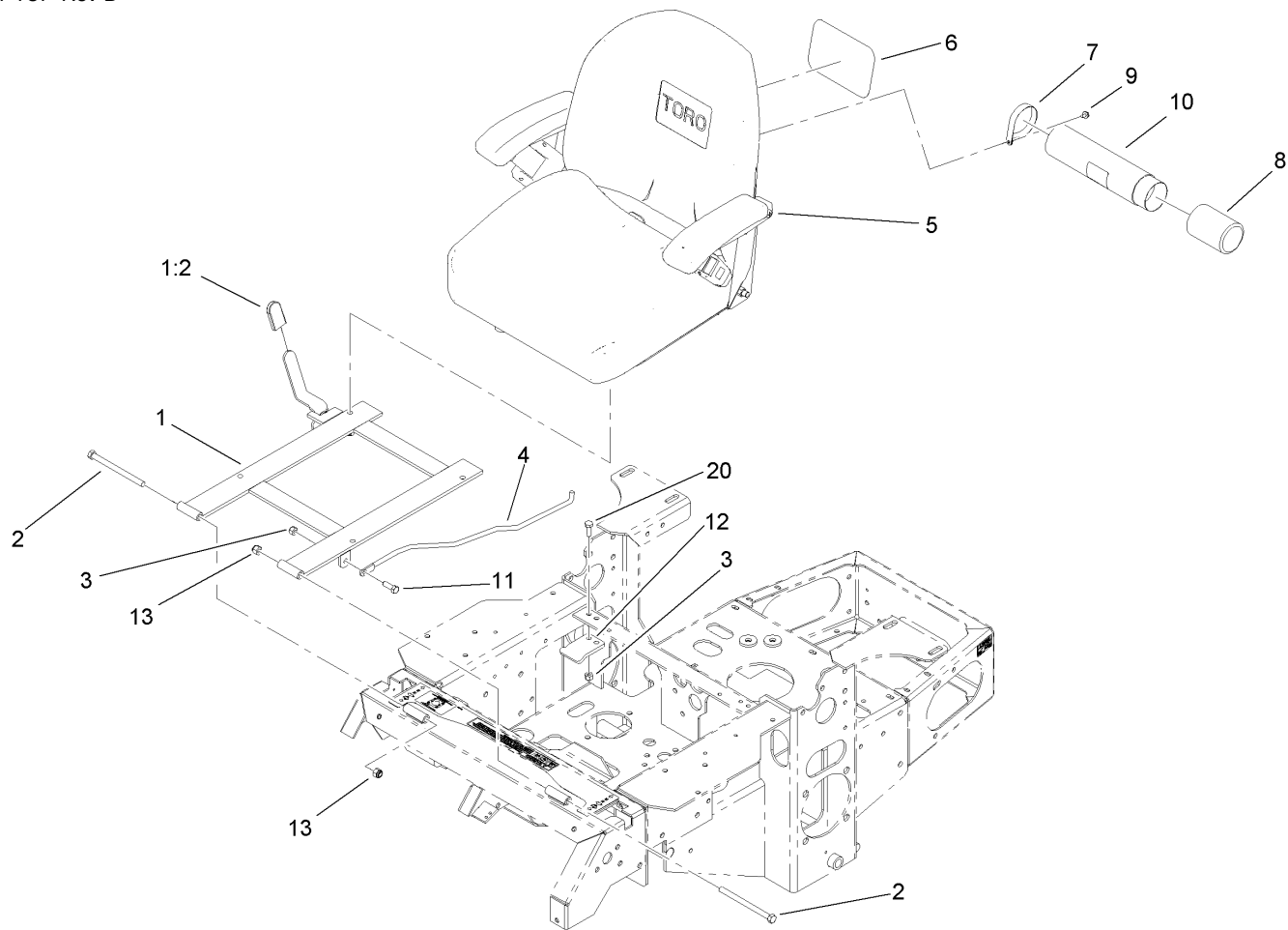
Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	108-5029	1	Deflector-Rubber				
5	108-4059-01	1	Plate-Hinge, Rear				
6	106-3253-01	1	Plate-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



Electrical System Assembly

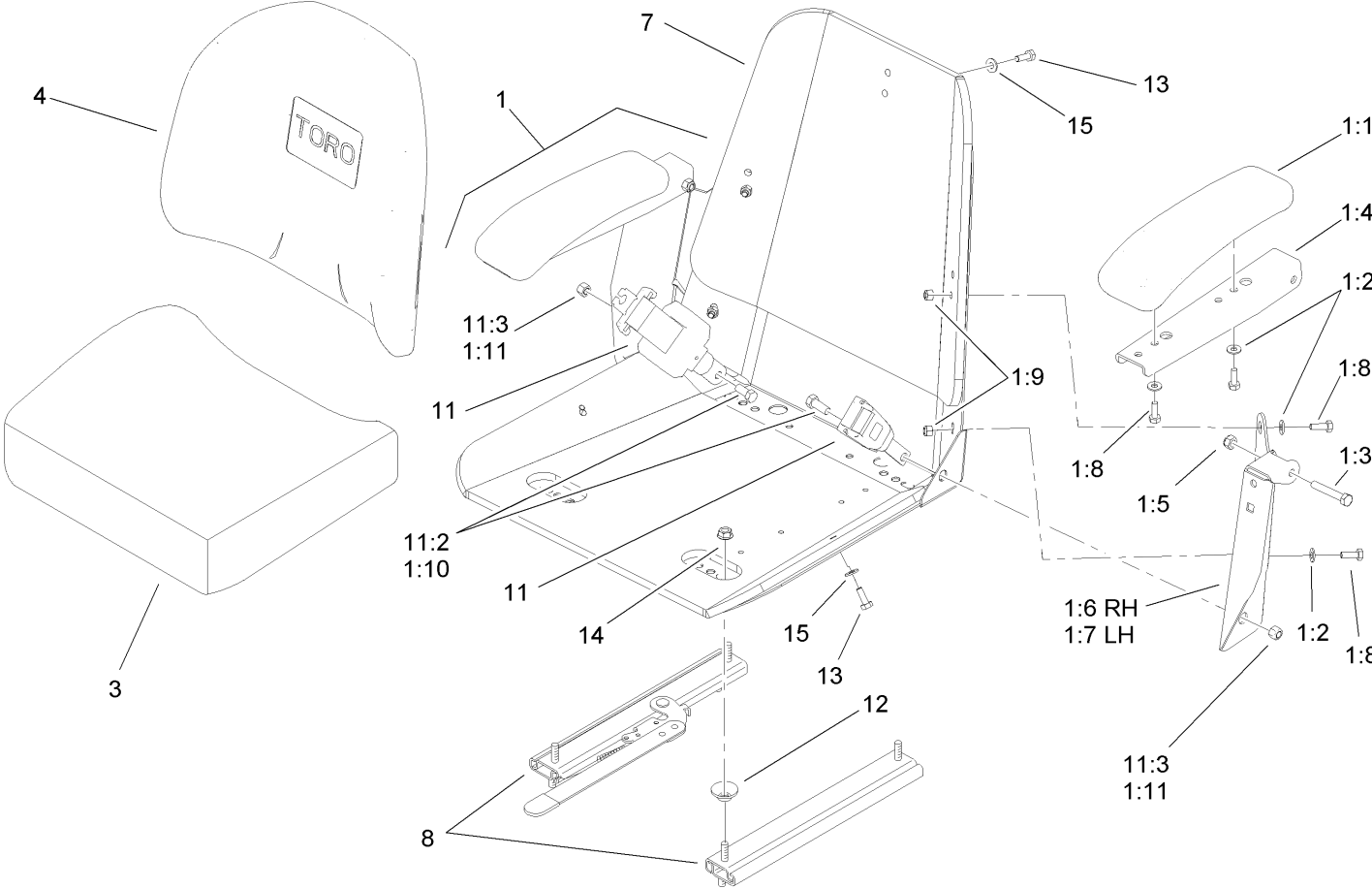
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	107-9277-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	5	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	6	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	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



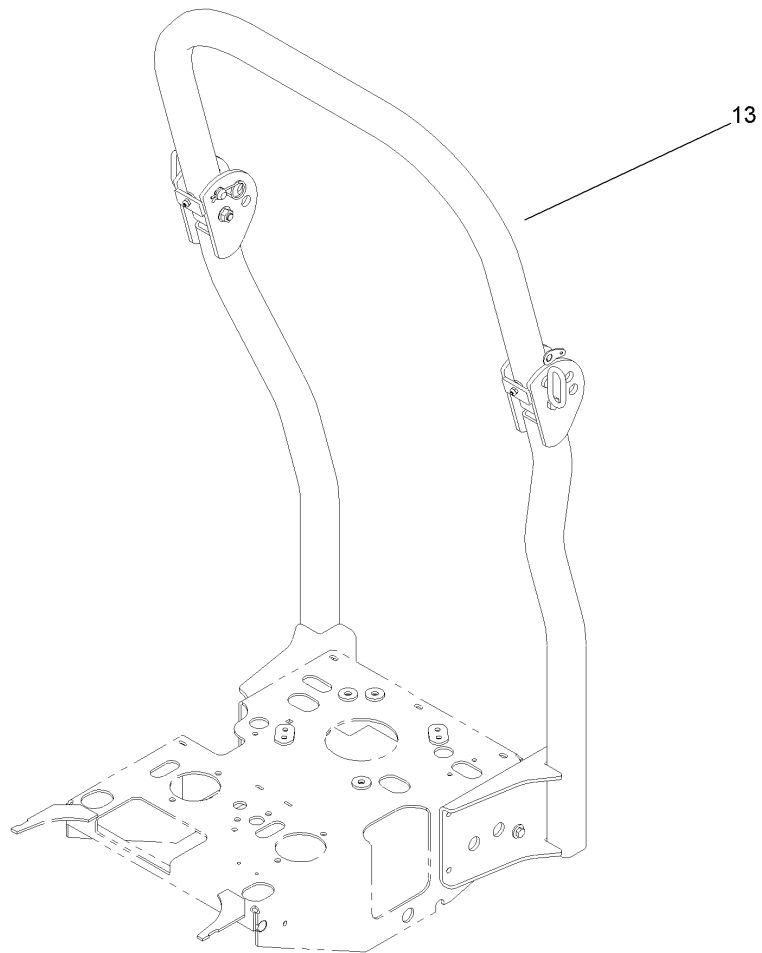
Seat and Bracket Assembly

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				



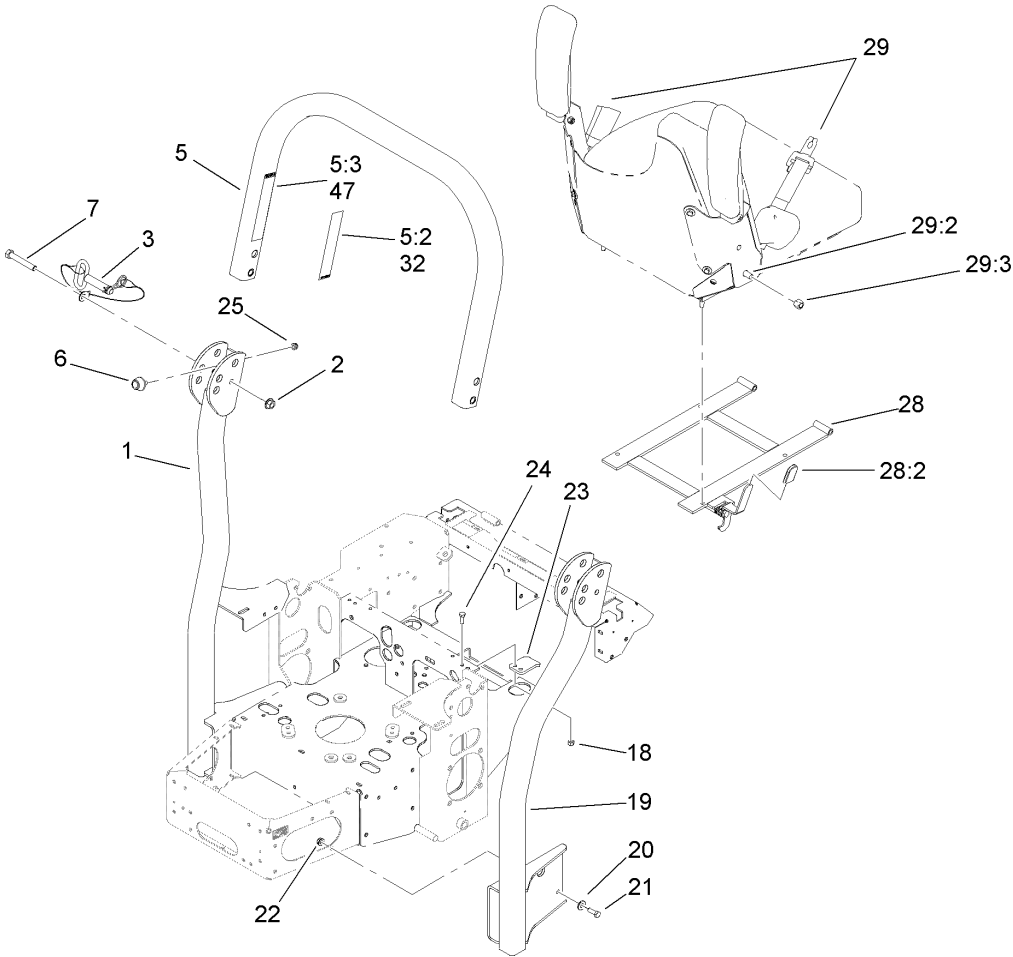
Seat Assembly No. 110-0446

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				



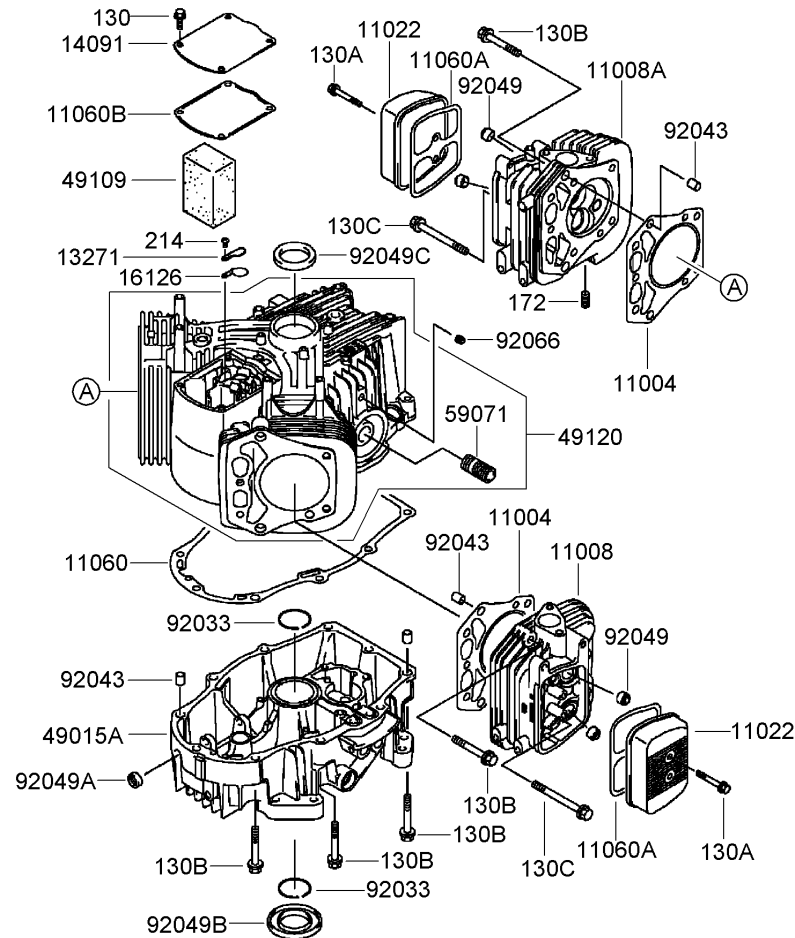
Roll-Over Protection System Assembly

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



Roll-Over Protection System Assembly No. 107-8093

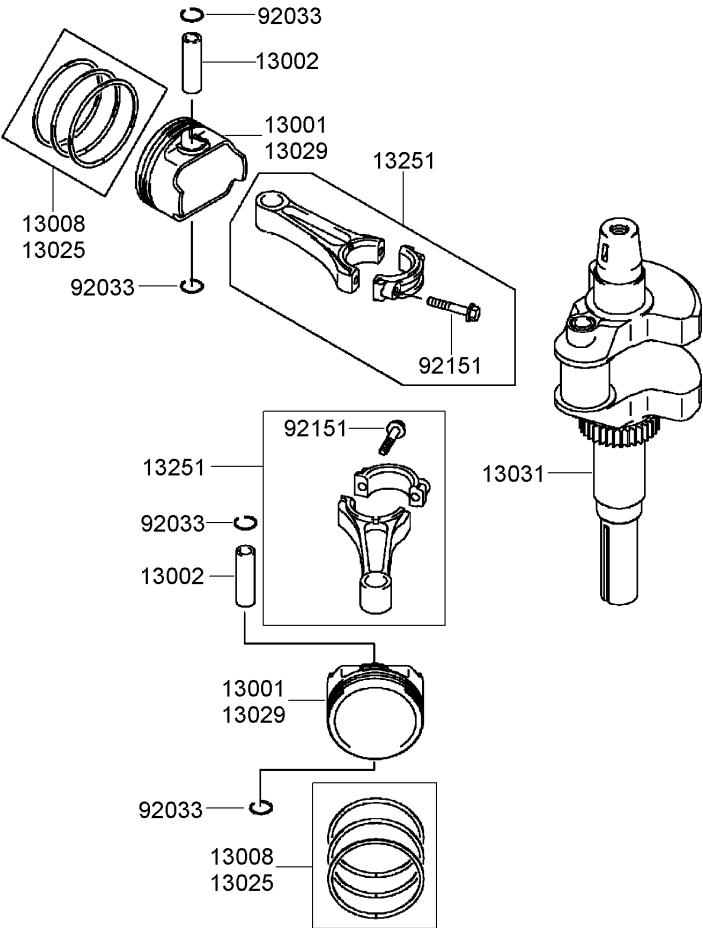
Ref	Part No.	Qty.	Description				
②1		1	LH Tube Support ASM				
2	32128-23	2	Nut-HF				
3	103-4553	2	ROPS Fold Pin ASM				
②5		1	Upper Tube ASM				
5:2	107-2100	1	Decal				
5:3	107-2102	1	Decal-Warning, Folding ROPS				
6	109-2365	2	Bumper-Rubber (W/Stud)				
7	325-13	2	Screw-HH				
18	3296-29	2	Nut-Lock, 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

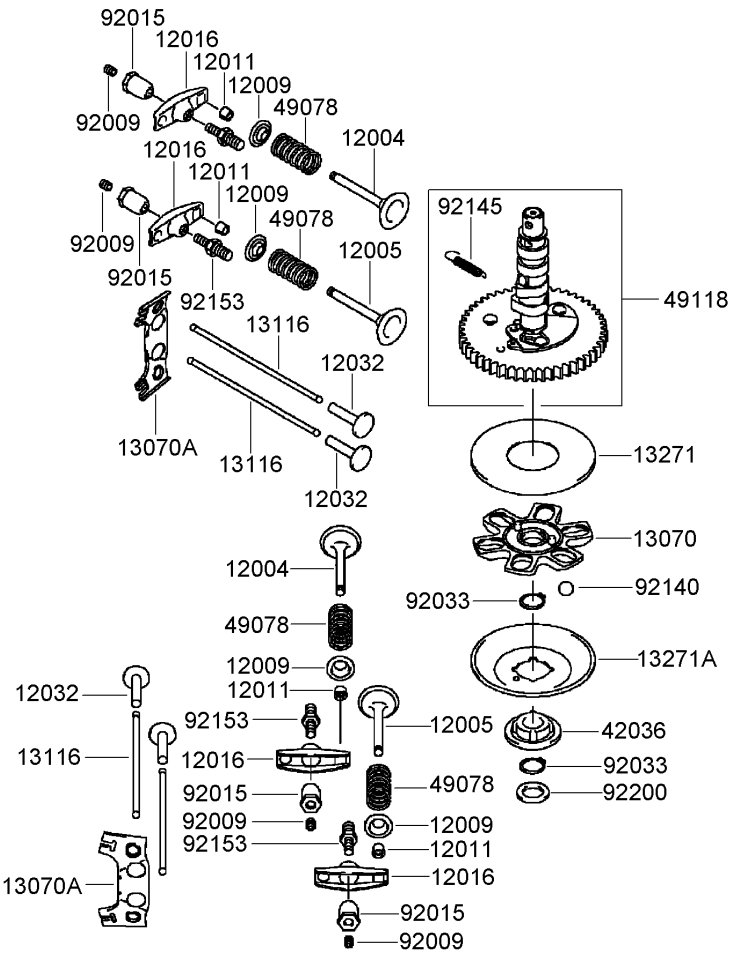
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
11004	11004-7006	2	Gasket-Head	130C	130T0875	2	Bolt-Flanged (8X75)
11008	11008-7023	1	Head-Cylinder, No.2	172	172G0818	4	Bolt-Stud (8X18)
11008A	11008-7024	1	Head-Cylinder, No.1	214	214B0408	1	Screw-Pan (4X8)
11022	11022-7002	2	Case-Rocker				
11060	11060-7012	1	Gasket-Cover, Crankcase				
11060A	11060-7013	2	Gasket-Case, Rocker				
11060B	11060-7014	1	Gasket-Breather				
13271	13271-7006	1	Plate				
14091	14091-7004	1	Cover				
16126	16126-7001	1	Valve				
49015A	49015-7064	1	Cover-Crankcase				
49109	49109-7003	1	Element-Breather				
49120	49120-7037	1	Crankcase				
59071	59071-2079	1	Joint				
92033	92033-7004	2	Ring-Snap				
92043	92043-7001	6	Pin				
92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)				
92049A	92049-7005	1	Seal-Oil, S O (8X14X5 H S)				
92049B	92049-7011	1	Seal-Oil, S D (35X62X8 L H S)				
92049C	92049-7014	1	Seal-Oil, S D (35X52X7 R H S)				
92066	92066-7002	1	Plug				
130	130B0612	4	Bolt-Flanged (6X12)				
130A	130B0640	4	Bolt-Flanged (6X40)				
130B	130T0850	18	Bolt-Flanged (8X50)				



Piston and Crankshaft Assembly
Kawasaki FH680V-DS21

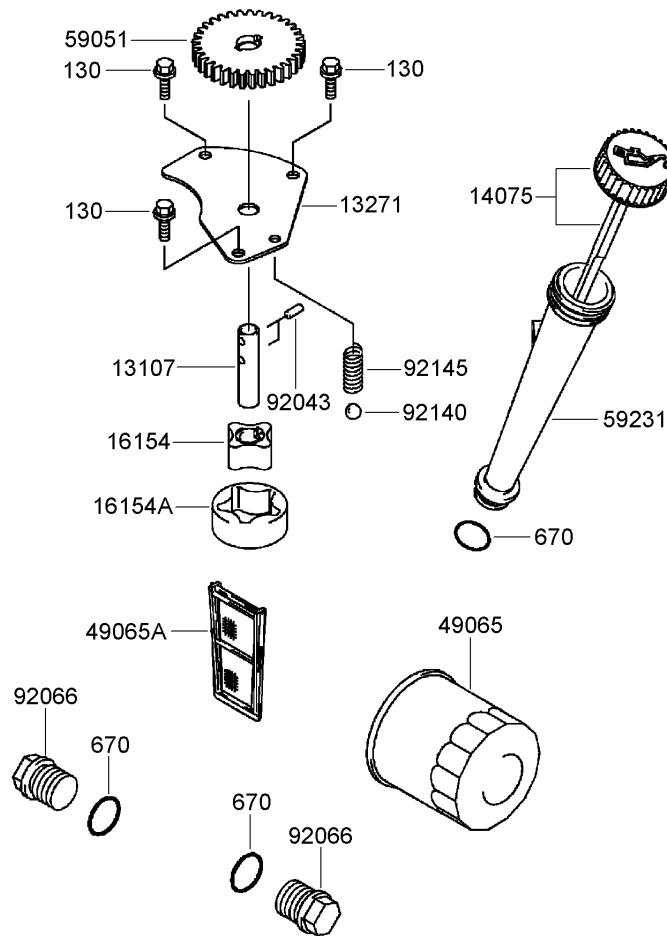
Ref	Part No.	Qty.	Description				
❶13001	13001-7007	2	Piston-Engine				
❶13002	13002-7001	2	Pin-Piston				
❶13008	13008-6058	2	Ring Set-Piston				
❶13025	13025-7002	1	Ring Set-Piston (L,0.50)				
❶13029	13029-7003	1	Piston-Engine (L,0.50)				
❶13031	13031-7048	1	Crankshaft				
❶13251	13251-7005	2	Connecting Rod ASM				
❶92033	92033-7002	4	Ring-Snap				
❶92151	92151-7017	4	Bolt (6X35)				



Valve and Camshaft Assembly

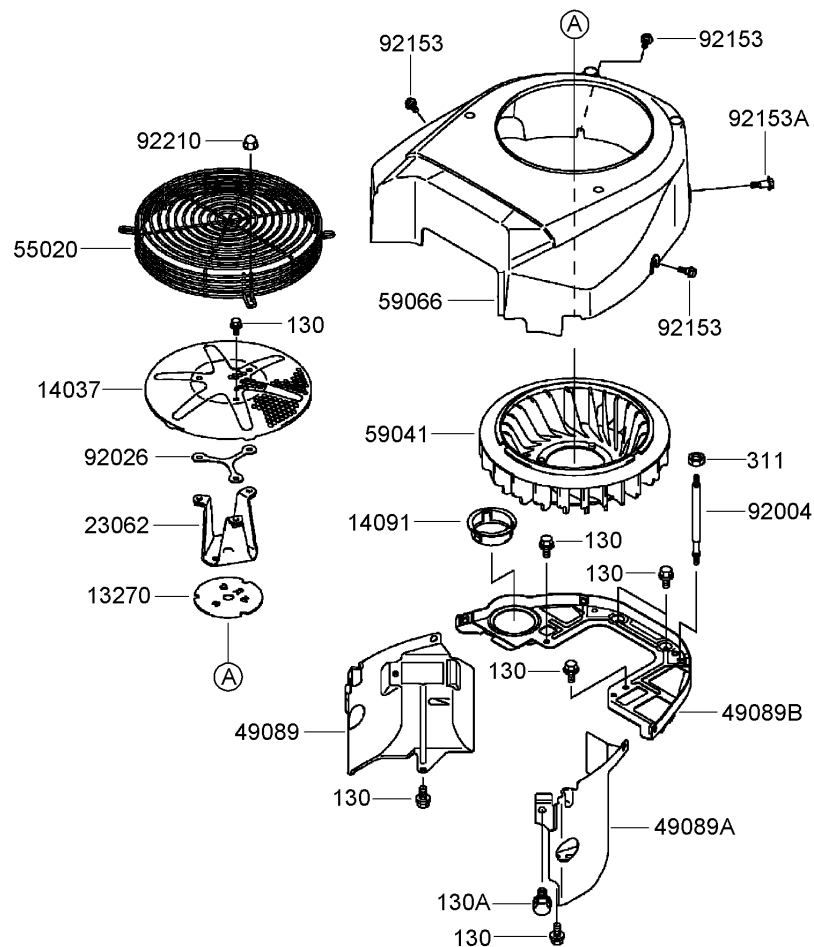
Kawasaki FH680V-DS21

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				



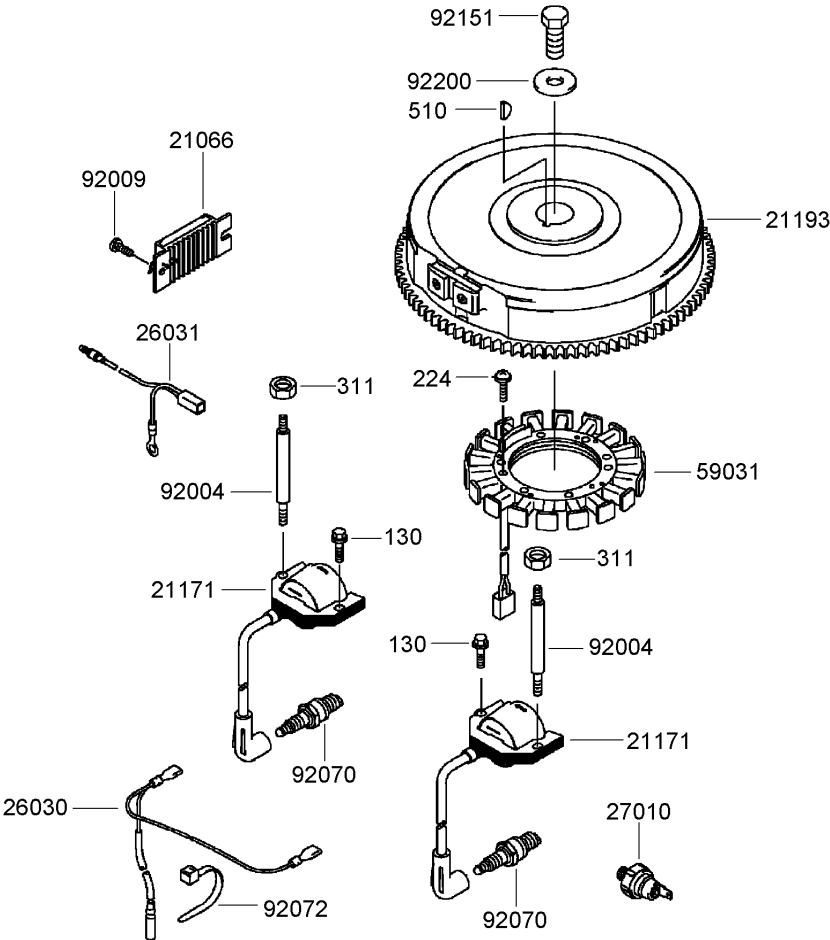
Lubrication Equipment Assembly
Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
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)				



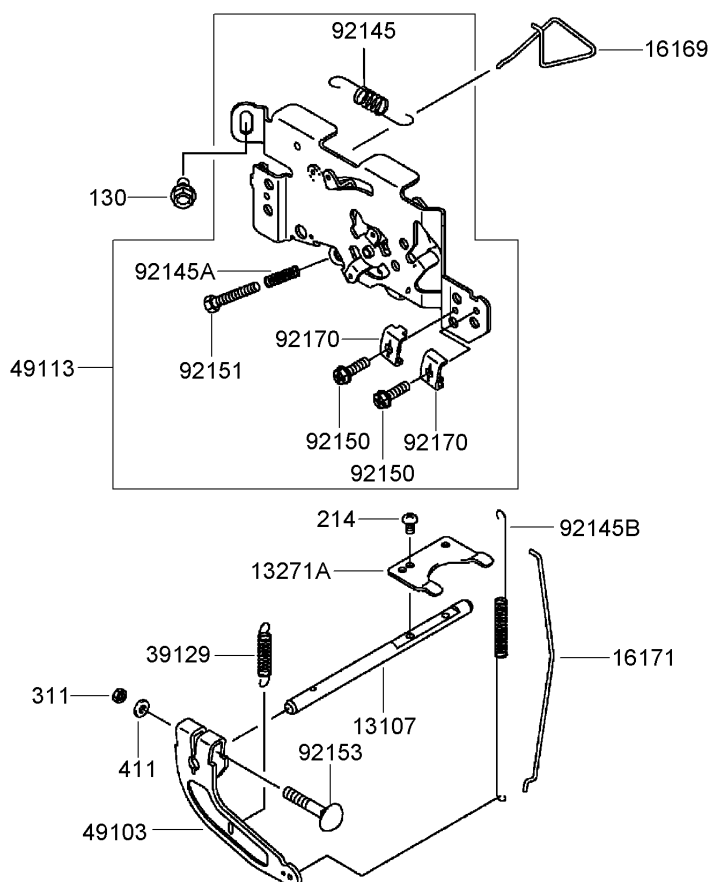
Cooling Equipment Assembly Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description				
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

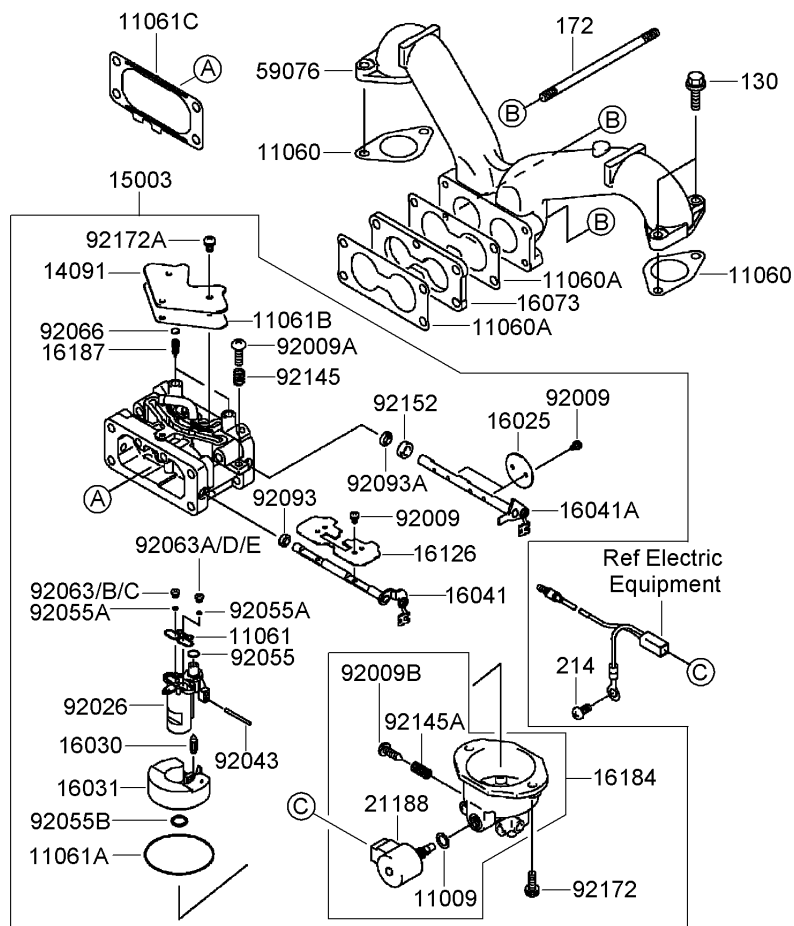
Ref	Part No.	Qty.	Description				
❸21066	21066-7011	1	Regulator-Voltage				
❸21171	21171-7013	2	Ignition Coil ASM				
❸21193	21193-7019	1	Flywheel-ASM				
❸26030	26030-7002	1	Harness				
❸26031	26031-7003	1	Harness				
❸27010	27010-7001	1	Switch				
❸59031	59031-7009	1	Coil-Charging				
❸92004	92004-7009	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

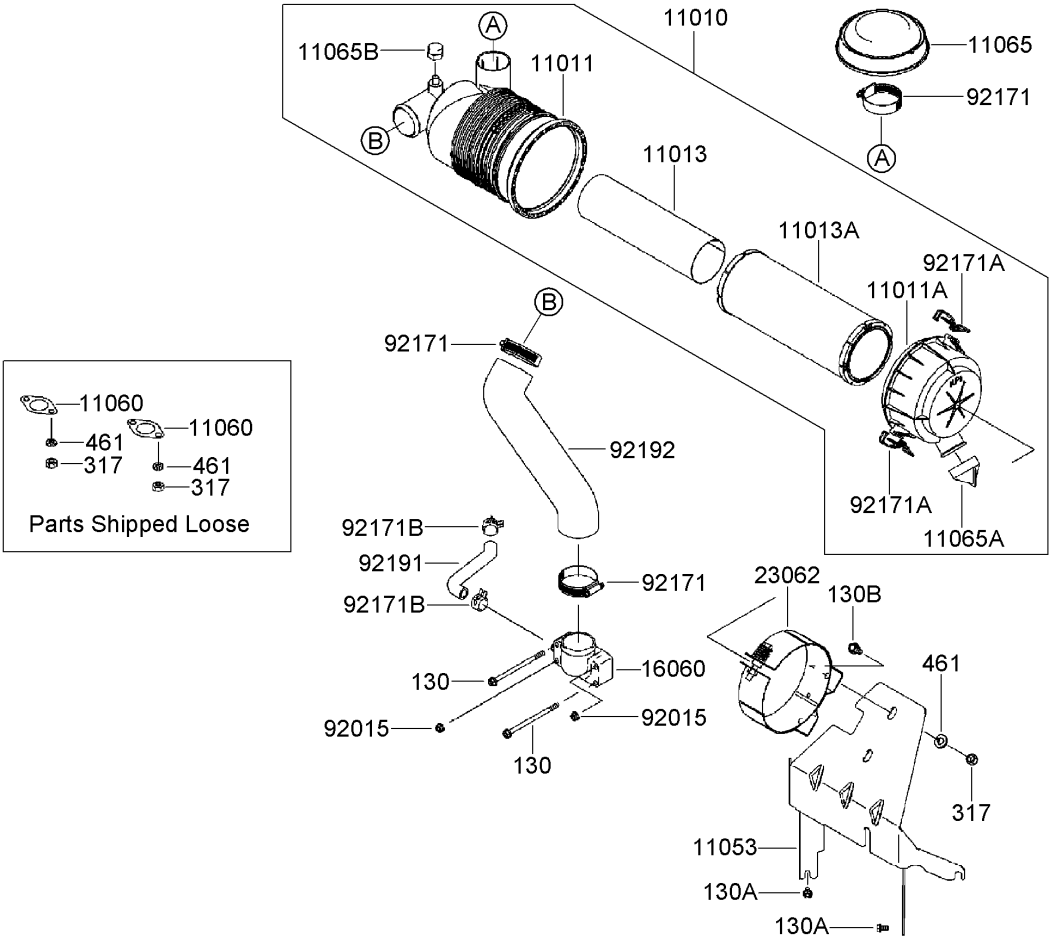
Ref	Part No.	Qty.	Description				
⑤13107	13107-7013	1	Shaft				
⑤13271A	13271-7032	1	Plate				
⑤16169	16169-7006	1	Link-Choke				
⑤16171	16171-7004	1	Link				
⑤39129	39129-7004	1	Spring-Governor				
⑤49103	49103-7004	1	Arm-Governor				
⑤49113	49113-7017	1	Panel-Control				
⑤92145	92145-7004	1	Spring				
⑤92145A	92145-7005	1	Spring				
⑤92145B	92145-7034	1	Spring				
⑤92150	92150-2182	2	Bolt (5X18)				
⑤92151	92151-7014	1	Bolt (5X30)				
⑤92153	92153-7033	1	Bolt (6X35)				
⑤92170	92170-7001	2	Clamp				
⑤130	130B0612	2	Bolt-Flanged (6X12)				
⑤214	214B0408	2	Screw-Pan (4X8)				
⑤311	311B0600	1	Nut-Hex (6Mm)				
⑤411	411B0600	1	Washer-Plain (6Mm)				



Carburetor Assembly Kawasaki FH680V-DS21

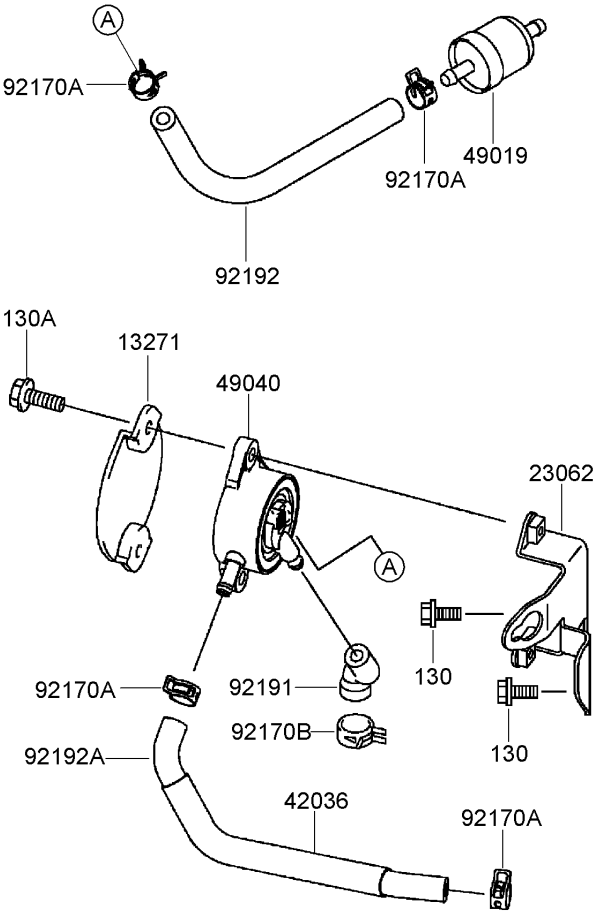
Ref	Part No.	Qty.	Description
①11009	11009-2056	1	Gasket
①11060	11060-7011	2	Gasket-Manifold
①11060A	11060-7024	2	Gasket-Carburetor
①11061	11061-7037	1	Gasket
①11061A	11061-7038	1	Gasket
①11061B	11061-7039	1	Gasket
①11061C	11061-7043	1	Gasket
①14091	14091-7031	1	Cover
①15003	15003-7120	1	Carburetor ASM
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

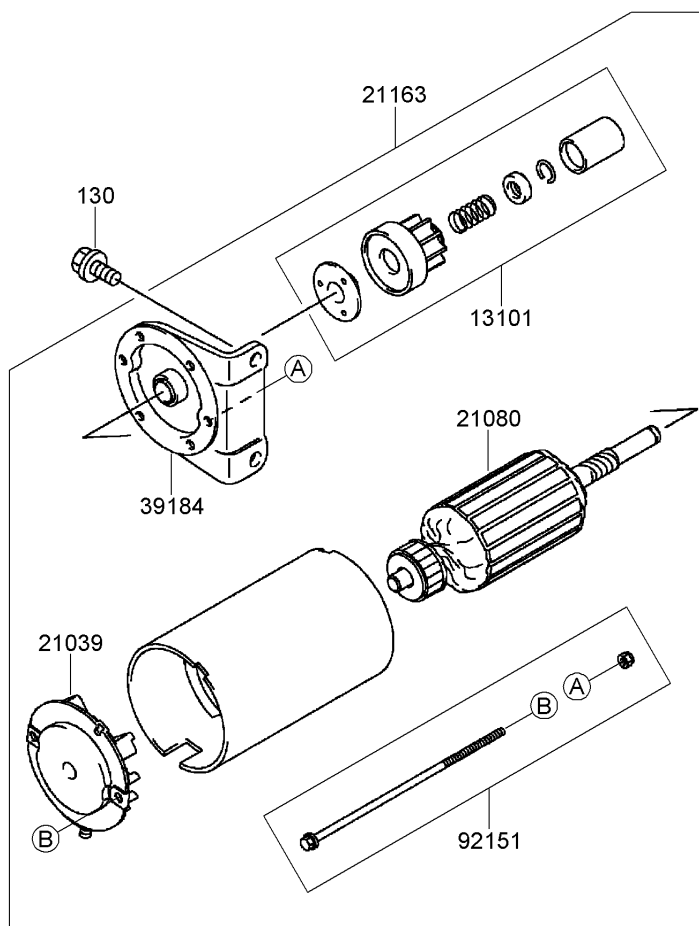
Ref	Part No.	Qty.	Description				
❶11010	11010-7011	1	Air Filter ASM				
❶11011	11011-7013	1	Case-Filter, Air				
❶11011A	11011-7014	1	Case-Filter, Air				
❶11013	11013-7019	1	Element-Filter, Air				
❶11013A	11013-7020	1	Element-Filter, Air				
❶11053	11053-7016	1	Bracket				
❶11060	11060-7016	2	Gasket-Muffler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

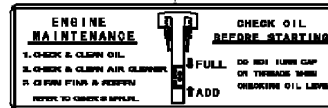
Ref	Part No.	Qty.	Description				
❶13271	13271-7004	1	Plate				
❶23062	23062-7004-9H	1	Bracket				
❶42036	42036-7012	1	Sleeve				
❶49019	49019-7001	1	Filter-Fuel				
❶49040	49040-7001	1	Pump-Fuel				
❶92170A	92170-2088	4	Clamp				
❶92170B	92170-7003	1	Clamp				
❶92191	92191-7027	1	Tube				
❶92192	92192-7037	1	Tube (6.35X12.7X160)				
❶92192A	92192-7039	1	Tube (6.35X12.7X200)				
❶130	130B0616	2	Bolt-Flanged (6X16)				
❶130A	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)				

56033



56080



Label Assembly

Kawasaki FH680V-DS21

Ref	Part No.	Qty.	Description
56033	56033-7003	1	Label-Manual
56080	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

