



Z400 Z Master[®]

With 48in 7-Gauge Side Discharge Mower

Model No. 74448 - 280000001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

Contents

Description	Page	Description	Page
Front Frame and Caster Wheel Assembly	 3	Roll-Over Protection System Assembly No. 107-8093	 29
Caster Wheel Assembly No. 1-634662	 4	Cylinder and Crankcase Assembly Kawasaki FH641V-DS19-R	 30
Height-of-Cut Assembly	 5	Piston and Crankshaft Assembly Kawasaki FH641V-DS19-R	 31
Main Frame Assembly	 6	Valve and Camshaft Assembly Kawasaki FH641V-DS19-R	 32
Fuel System Assembly	 7	Lubrication Equipment Assembly Kawasaki FH641V-DS19-R	 33
Parking Brake Assembly	 8	Cooling Equipment Assembly Kawasaki FH641V-DS19-R	 34
Motion Control Assembly	 9	Electric Equipment Assembly Kawasaki FH641V-DS19-R	 35
RH Motion Control Assembly No. 109-3911	 10	Control Equipment Assembly Kawasaki FH641V-DS19-R	 36
LH Motion Control Assembly No. 109-3912	 11	Carburetor Assembly Kawasaki FH641V-DS19-R	 37
Hydraulic System Assembly	 12	Air Filter and Muffler Assembly Kawasaki FH641V-DS19-R	 38
Hydraulic Pump Assembly No. 103-1942	 14	Fuel Tank and Valve Assembly Kawasaki FH641V-DS19-R	 39
Pump Idler and Belt Assembly	 15	Starter Assembly Kawasaki FH641V-DS19-R	 40
Engine, Clutch and Muffler Assembly	 16	Label Assembly Kawasaki FH641V-DS19-R	 41
Deck Connection Assembly	 17	Attachments and Accessories List	 42
Deck Assembly	 18		
Deck Decal Assembly No. 114-1515	 20		
Spindle Assembly No. 107-8504	 21		
Rubber Deflector Assembly No. 108-7770	 22		
Idler Assembly	 23		
Electrical Assembly	 24		
Seat and Bracket Assembly	 26		
Seat and Bracket Assembly No. 110-0446	 27		
Roll-Over Protection System Assembly	 28		

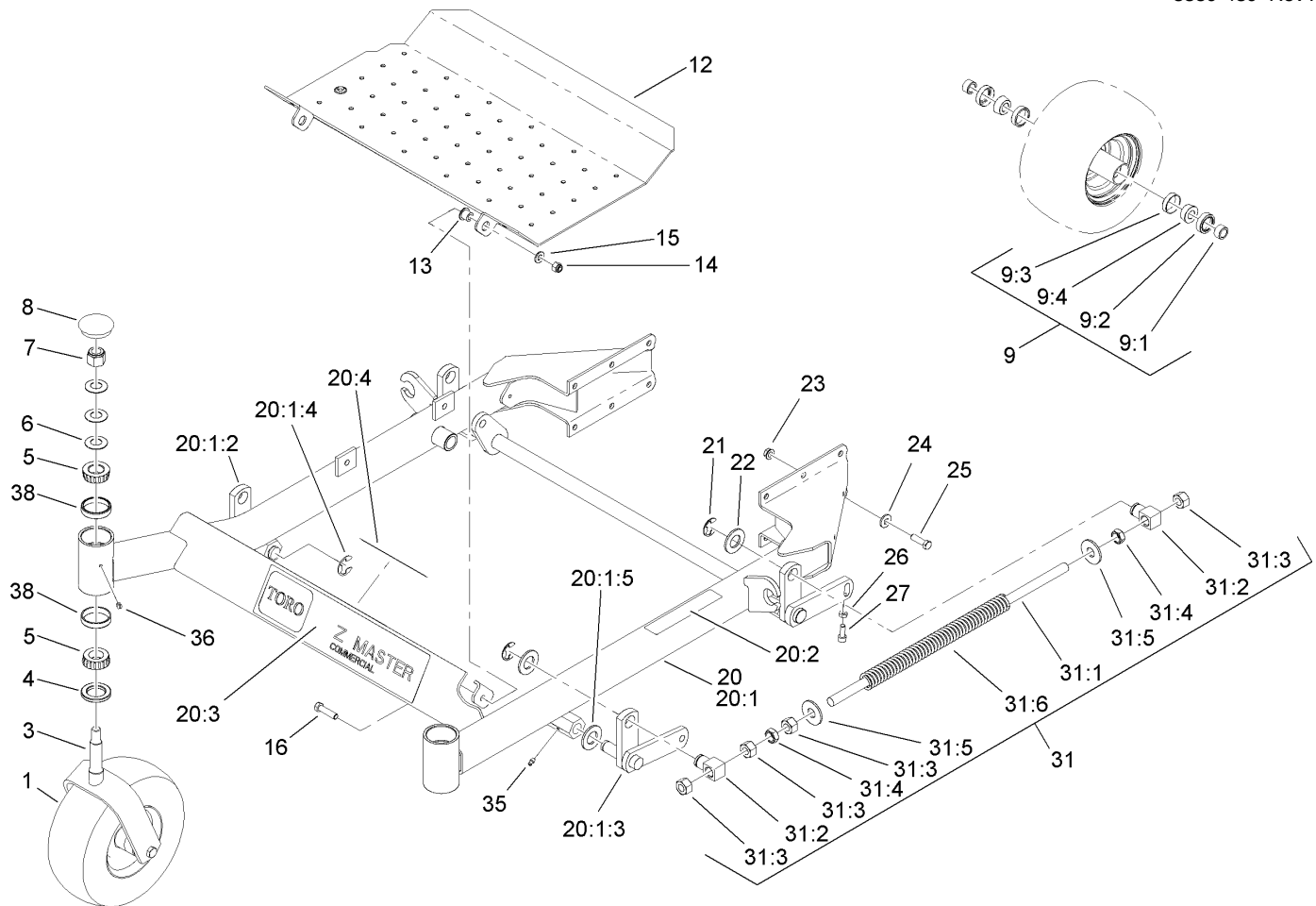
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

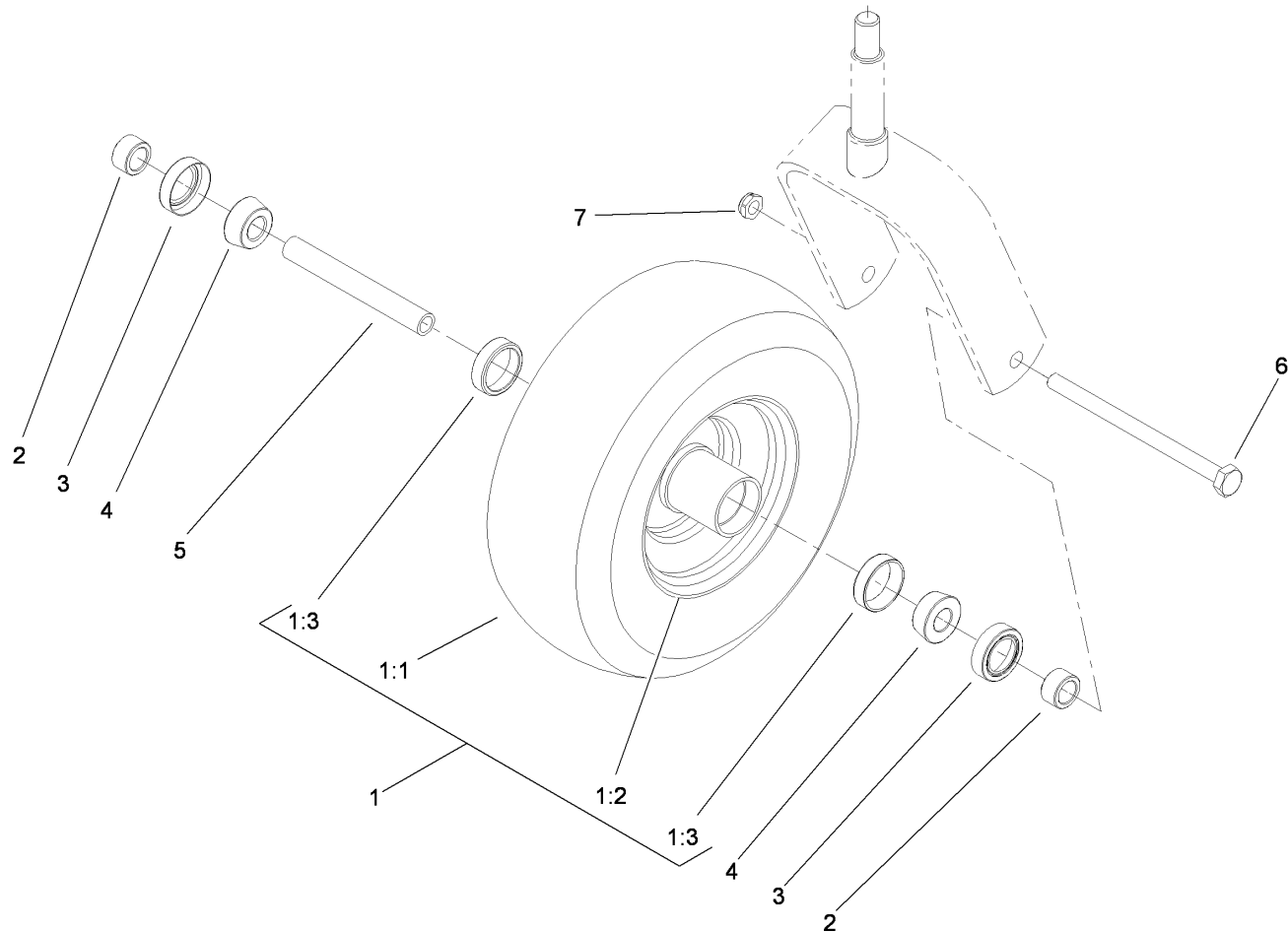
- | | |
|----------------------|--|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Optional Equipment | ❹ Obtain from your local Kawasaki dealer |



Front Frame and Caster Wheel Assembly

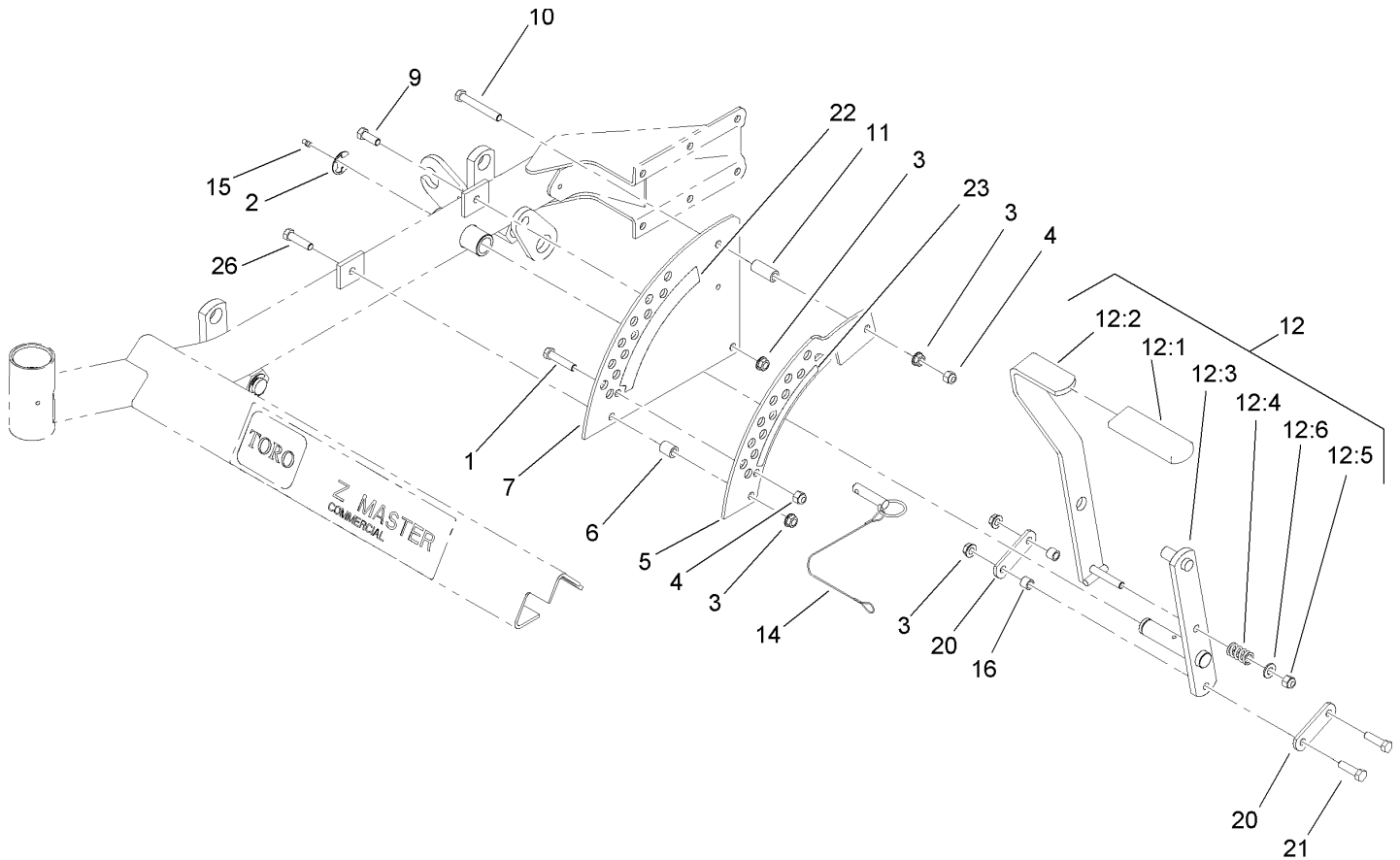
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	103-4882	2	Cap-Grease
9	110-8837	1	Caster Wheel Bearing Kit
9:1	1-633581	2	Spacer-Bearing
9:2	1-633580	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-Retaining, EXT
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-Retaining, EXT
22	3256-29	4	Washer-Flat
23	3290-357	12	Nut-HHF, Whiz
24	98-5975	12	Washer-Belleville
25	323-7	12	Screw-HH
26	3218-2	2	Nut-Jam
27	3274-18	2	Screw-HSH
31	1-634439	2	Front Frame Spring ASM
31:1	1-633096	1	Rod-Lift, Deck
31:2	1-633441	2	Swivel-Deck Mount, Rear
31:3	3217-11	4	Nut-Hex
31:4	3218-6	2	Nut-Jam
31:5	3256-7	2	Washer-Flat
31:6	1-633064	1	Spring-Support, Deck
35	302-19	4	Fitting-Grease
36	1-811010	2	Plug
38	254-72	4	Bearing-Cup, Tapered



Caster Wheel Assembly No. 1-634662

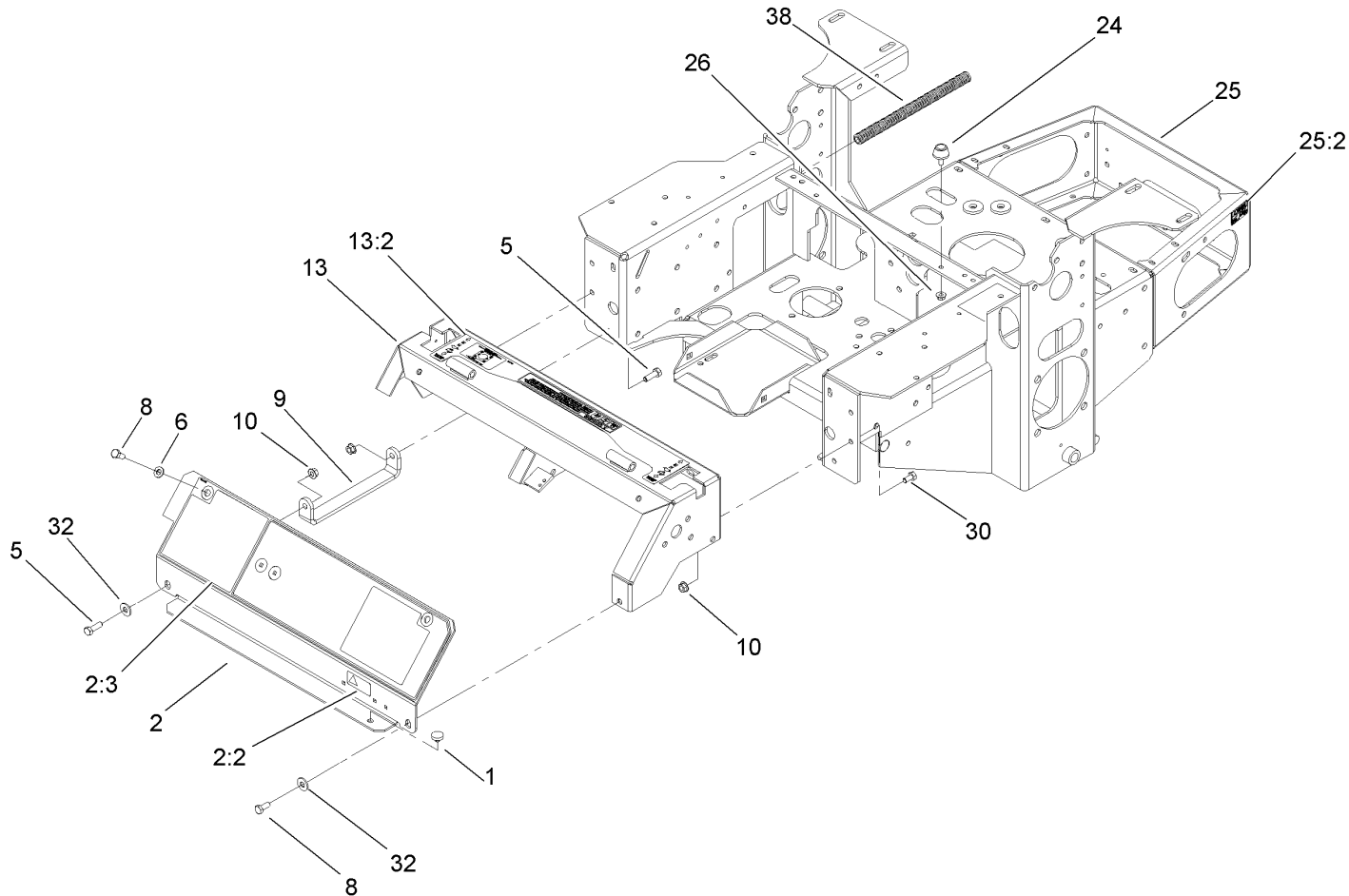
Ref	Part No.	Qty.	Description				
1	1-633582	1	Wheel And Tire ASM				
1:1	1-633002	1	Tire				
1:2	1-633583	1	Wheel				
1:3	1-633584	2	Bearing-Cup				
2	1-633581	2	Spacer-Bearing				
3	1-633580	2	Seal-Bearing				
4	1-633585	2	Bearing-Cone, Taper				
5	1-633579	1	Spacer-Caster, Front				
6	325-36	1	Screw-HH				
7	3296-45	1	Nut-Lock, NI				



Height-of-Cut Assembly

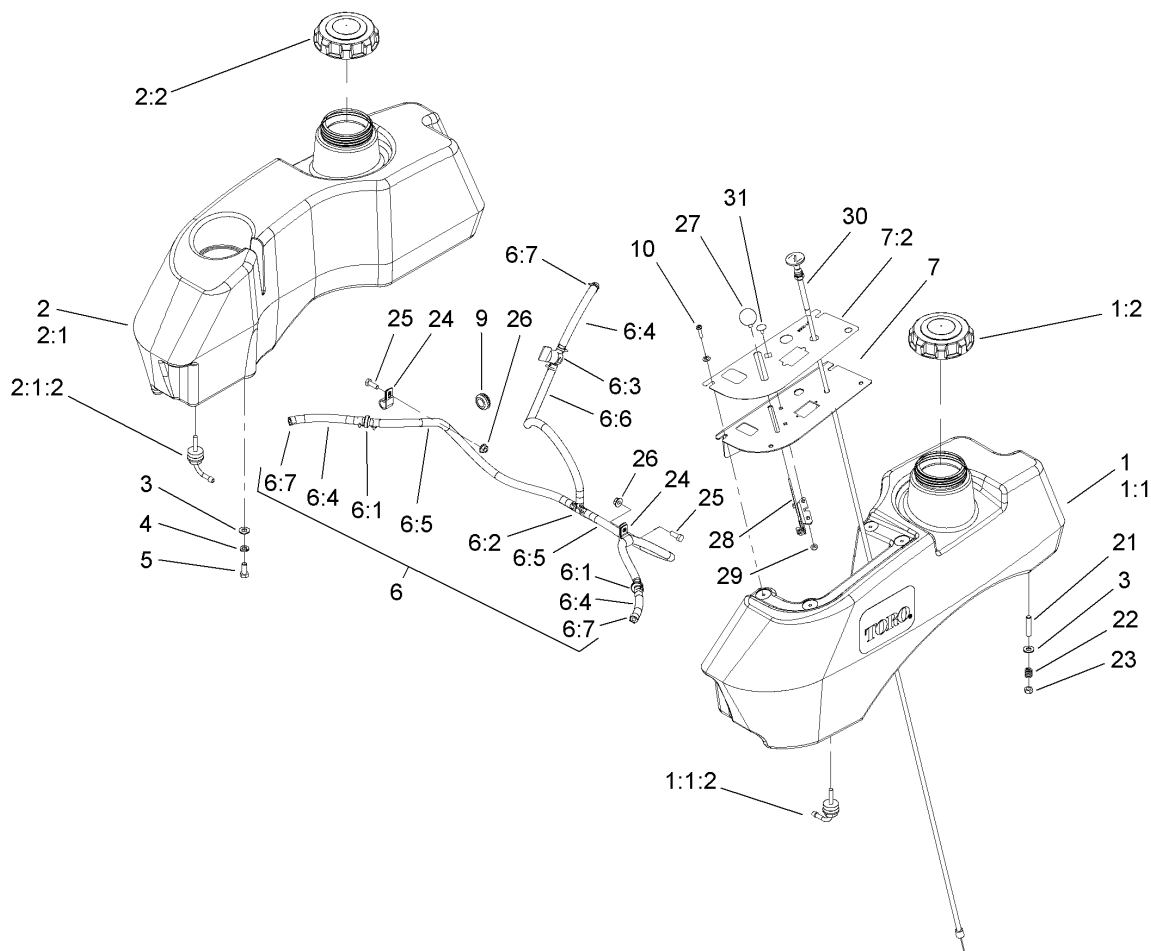
Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Retaining, EXT
3	3290-357	5	Nut-HHF, Whiz
4	3296-39	2	Nut-Lock, NI
5	108-7755-01	1	Plate-Lift, Deck
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	1-633082	1	Bushing-Lever, Lift
12	110-5870	1	Deck Lift Handle ASM
12:1	1-633295	1	Grip-Lever, Lift
12:2	103-2078	1	Handle-Lift
12:3	106-6598	1	Lift Arm ASM
12:4	1-633325	1	Spring-Compression
12:5	3296-39	1	Nut-Lock, NI
12:6	3256-24	1	Washer-Flat
14	106-9951	1	Hitch Pin ASM
15	302-19	1	Fitting-Grease
16	103-1918	2	Bushing
20	1-633068	2	Arm-Lift, Deck
21	323-29	2	Screw-HH
22	108-1051	1	Decal-Deck Height, Outer
23	108-1050	1	Decal-Deck Height, Inner

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



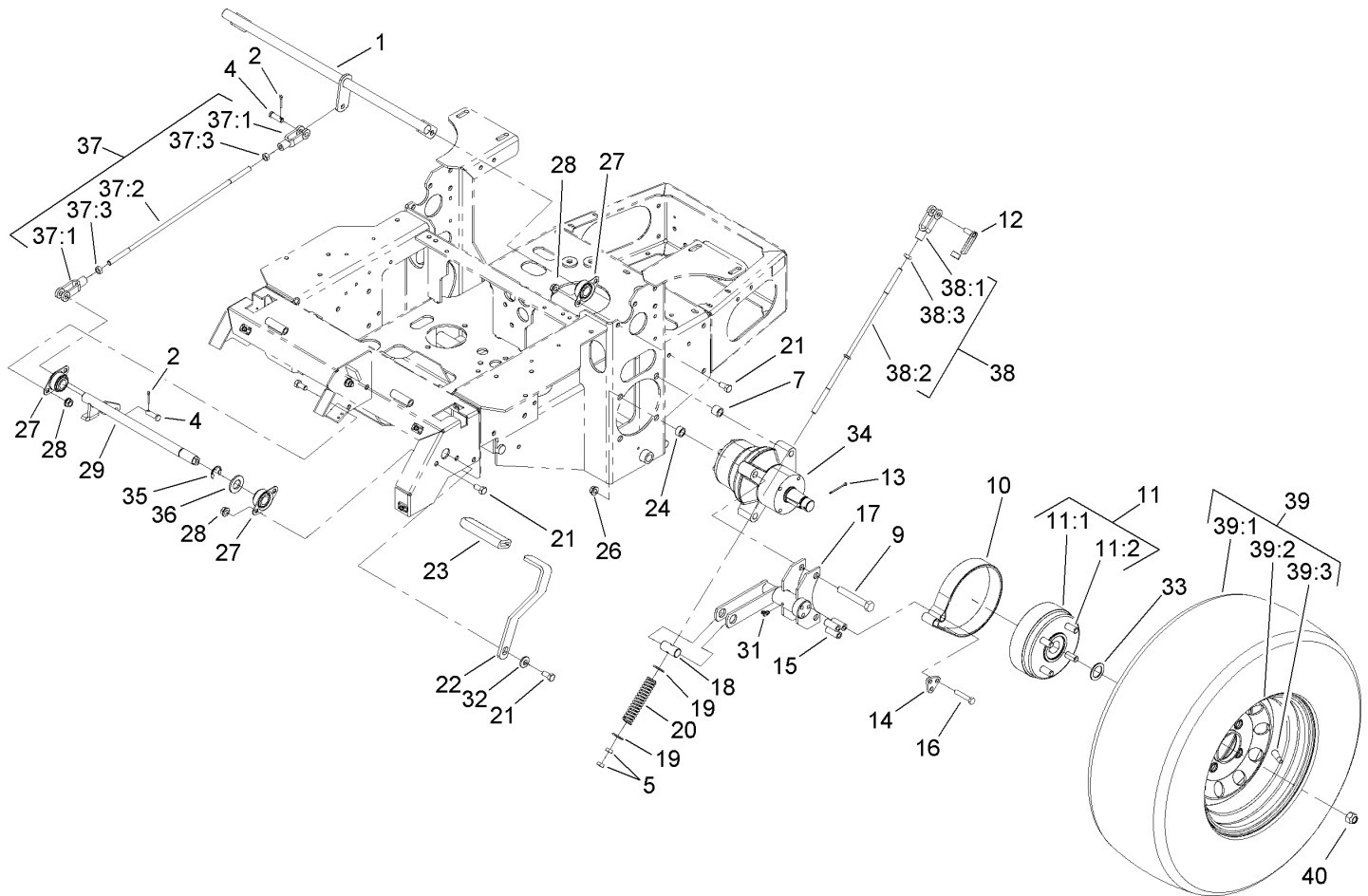
Main Frame Assembly

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

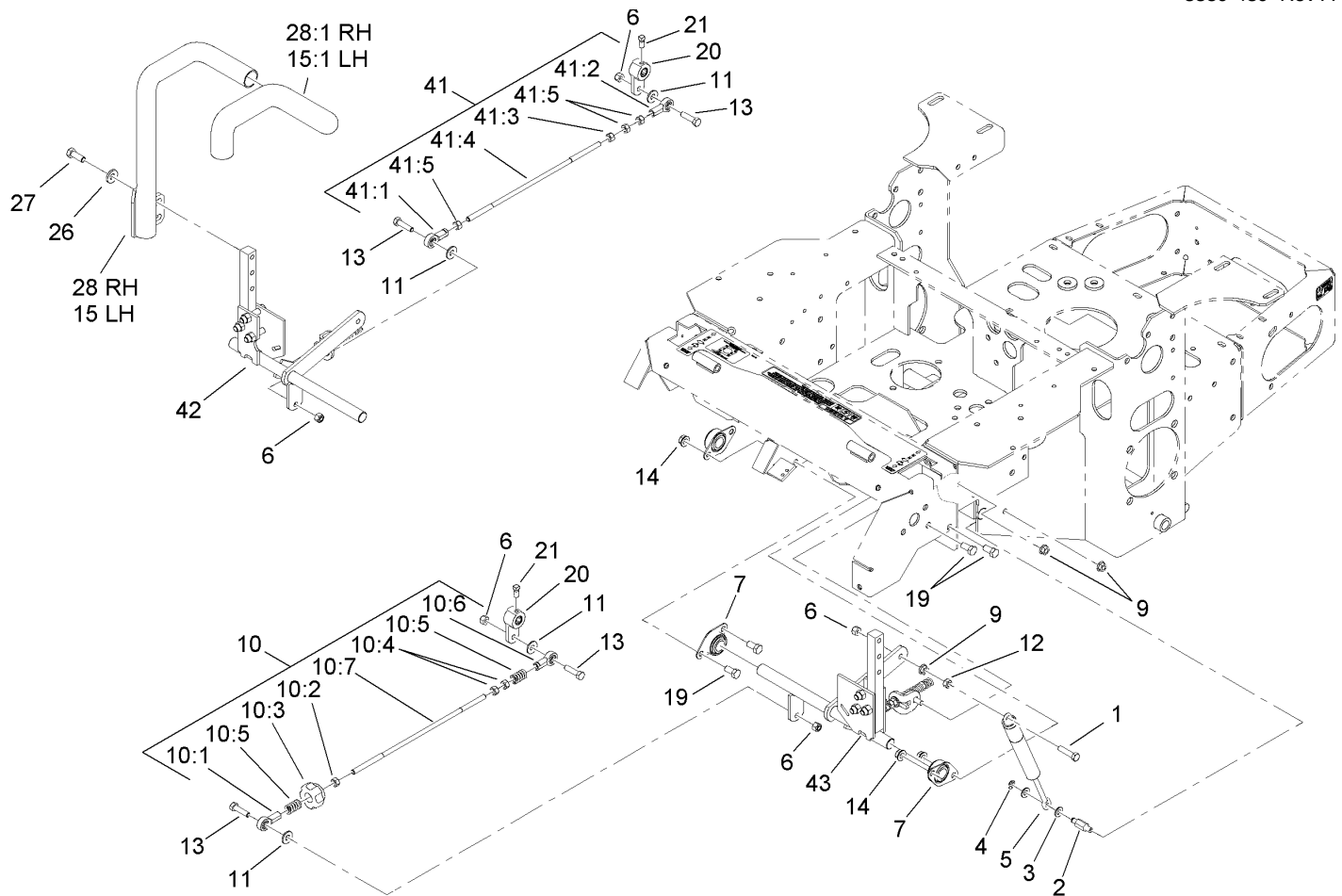
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-4165	1	LH Fuel Tank Service Kit	10	109-2661	4	Screw-PPH
2	110-4165	1	LH Fuel Tank ASM	21	1-633023	4	Stud
1:1:2	103-2605	1	Fitting-Fuel, Bulkhead	22	1-633349	4	Spring-Tank, Fuel
1:2	109-0346	1	Cap-Fuel, Gas	23	3296-47	4	Nut-Lock, NI
2	105-3639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



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
26	32128-49	8	Nut-HHF

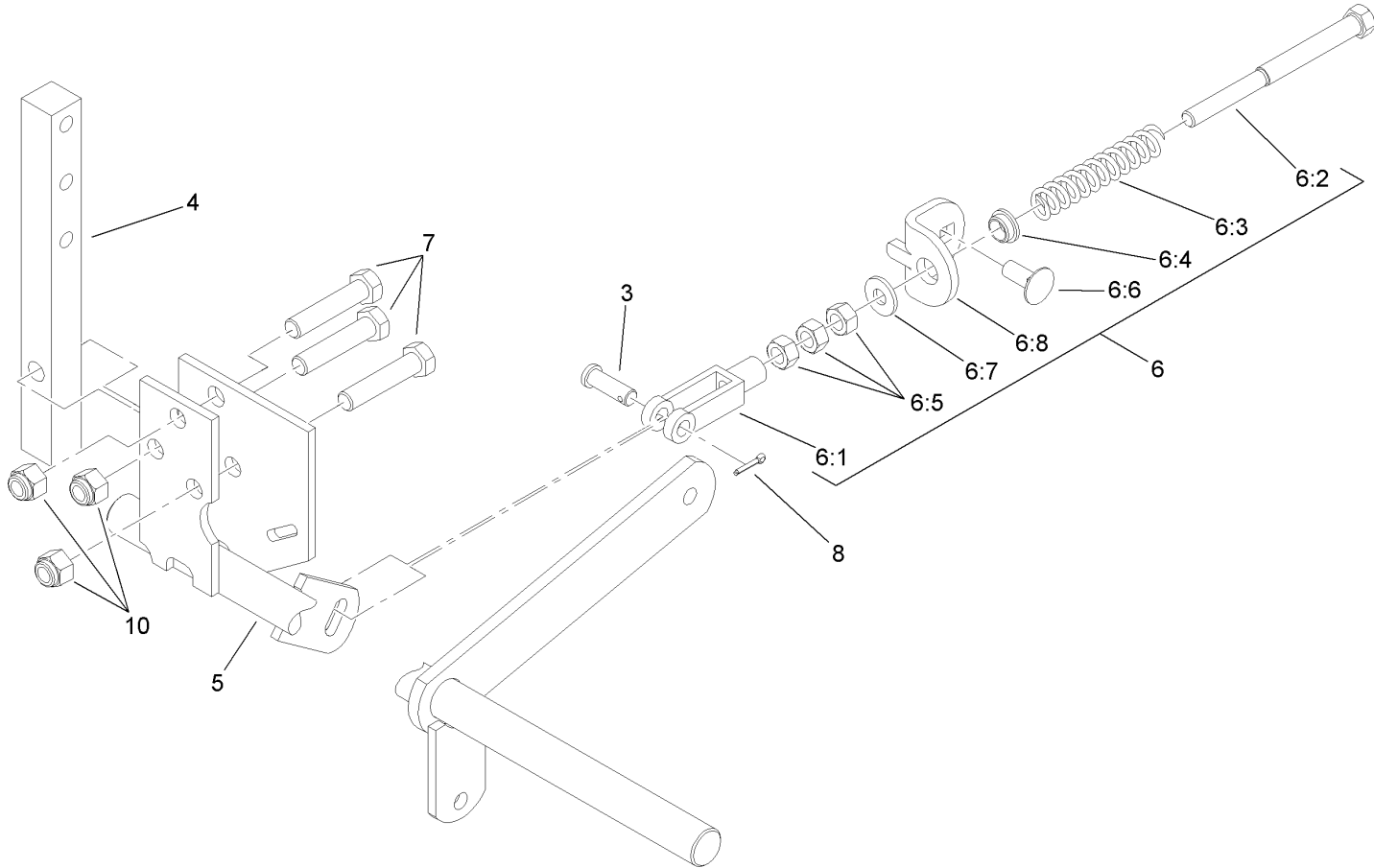
Ref	Part No.	Qty.	Description
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF, Whiz
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	103-5333	2	Motor-Wheel
●34:1	109-5965	1	Wheel Motor Seal Kit
●34:2	109-5966	1	Wheel Motor Seal Kit
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat
37	103-4328	1	Brake Rod ASM
37:1	1-633131	2	Yoke-Linkage, Brake
37:2	1-653061	1	Linkage-Handle, Brake
37:3	3219-3	2	Nut-Hex
38	103-4329	2	Brake Rod ASM
38:1	1-633131	1	Yoke-Linkage, Brake
38:2	103-0356	1	Rod-Brake
38:3	3219-3	1	Nut-Hex
39	1-653159	2	Wheel And Tire ASM
39:1	1-653160	1	Tire
39:2	1-653161	1	Wheel
39:3	232-27	1	Stem-Valve
40	242-50	8	Nut-Lug



Motion Control Assembly

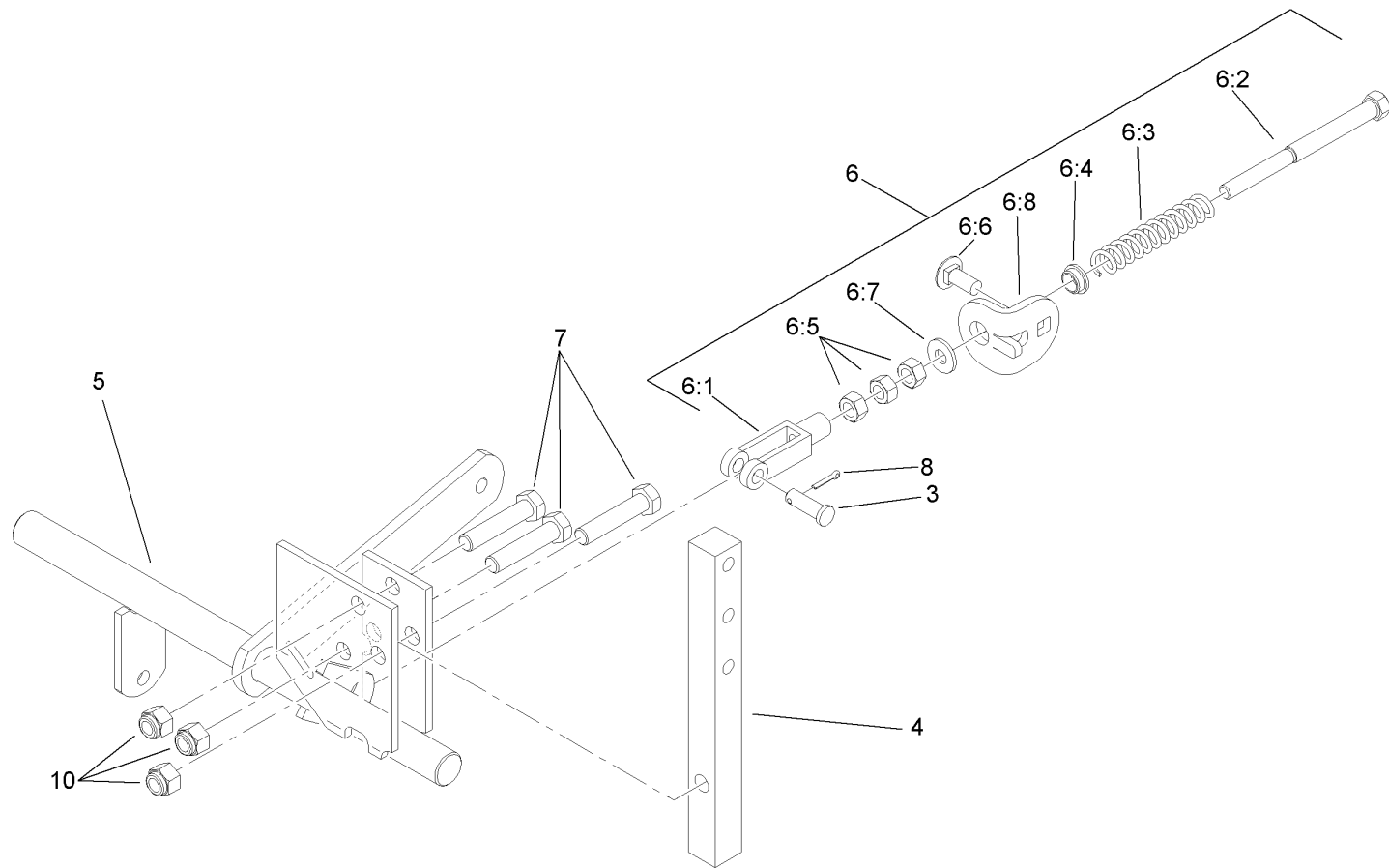
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	109-2339	2	Damper-Control, Motion
6	3296-29	6	Nut-Lock, NI
7	1-633102	4	Bearing-Flange, Side
9	32128-20	10	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	1-543017	1	Balljoint-RH
10:2	3219-2	1	Nut-Hex
10:3	103-3060	1	Knob-Tracking
10:4	1-804524	2	Nut
10:5	1-323245	2	Spring-Compression
10:6	1-633152	1	Balljoint-LH
10:7	103-3066	1	Link-Rod, Tracking
11	3256-3	4	Washer-Flat
12	3217-6	2	Nut-Hex
13	322-6	4	Screw-HH
14	3290-357	6	Nut-HHF, Whiz
15	108-7238	1	LH Lever ASM
15:1	106-9987	1	Grip-Control, Motion
19	323-4	6	Screw-HH
20	103-3717	2	Arm-Control

Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	108-7237	1	RH Lever ASM
28:1	106-9987	1	Grip-Control, Motion
41	103-4327	1	Tracking ASM
41:1	1-543017	1	Balljoint-RH
41:2	1-633152	1	Balljoint-LH
41:3	1-804524	1	Nut
41:4	103-3066	1	Link-Rod, Tracking
41:5	3219-2	3	Nut-Hex
42	109-3911	1	RH Motion Control ASM
43	109-3912	1	LH Motion Control ASM



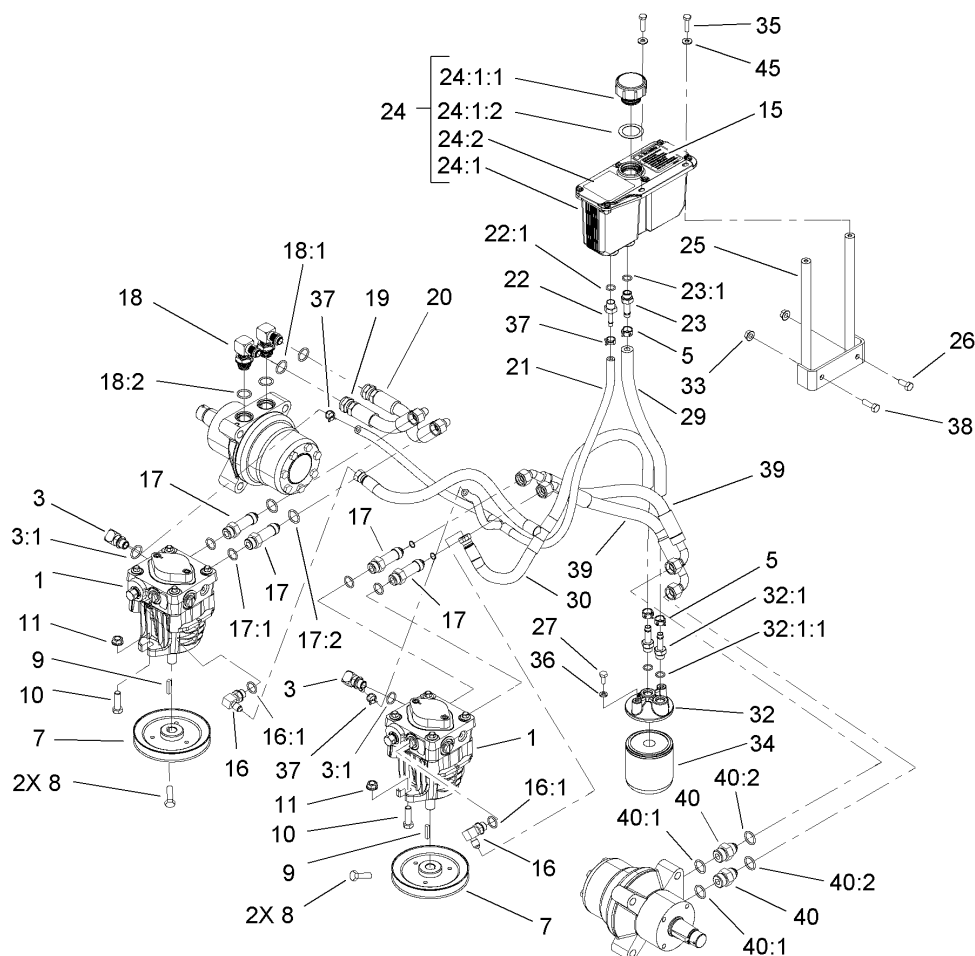
RH Motion Control Assembly No. 109-3911

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



LH Motion Control Assembly No. 109-3912

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

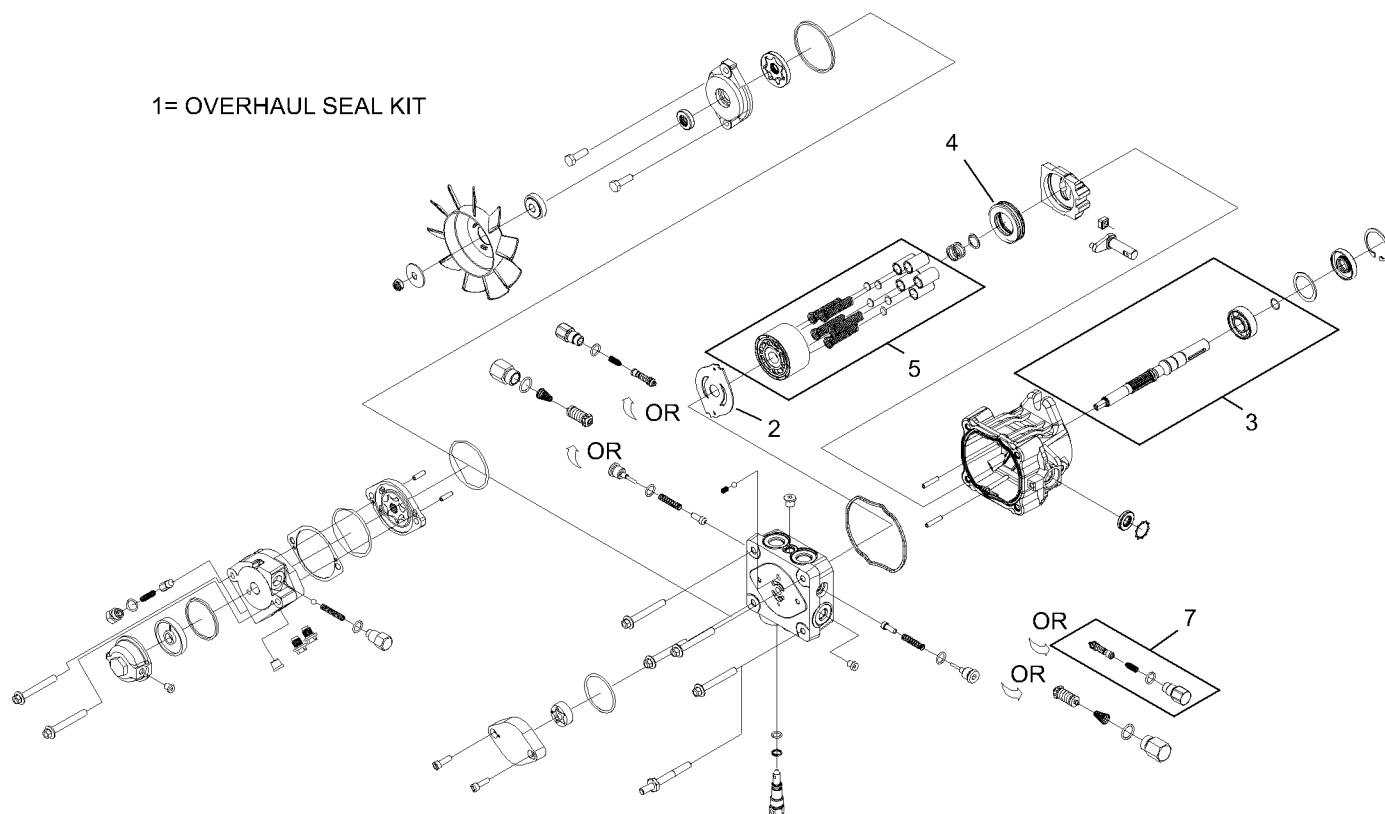


Hydraulic System Assembly

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

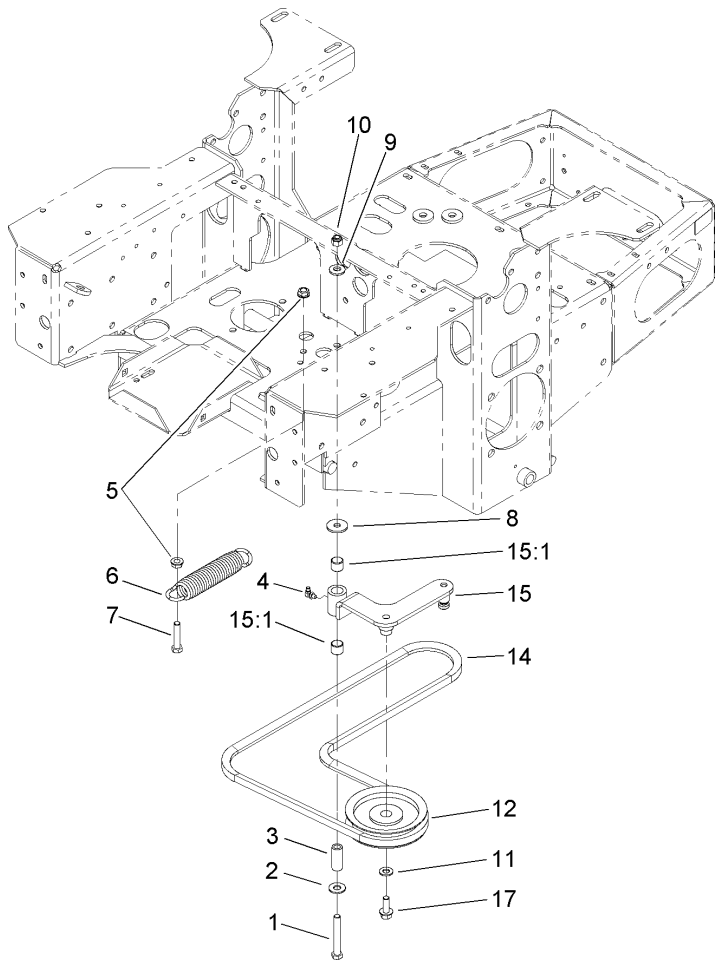
Ref	Part No.	Qty.	Description
23:1	237-42	1	O-Ring
24	103-1947	1	HYD Reservoir ASM
24:1		1	Reservoir-HYD
24:1:1	103-1948	1	Cap-Reservoir, HYD
24:1:2	103-1949	1	Gasket-Cap
24:2	1-523552	1	Decal-Tank, HYD
25	103-3071-03	1	Stand-Reservoir
26	322-3	1	Screw-HH
27	321-3	2	Screw-HH
29	103-3077	1	HYD Hose ASM
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

13



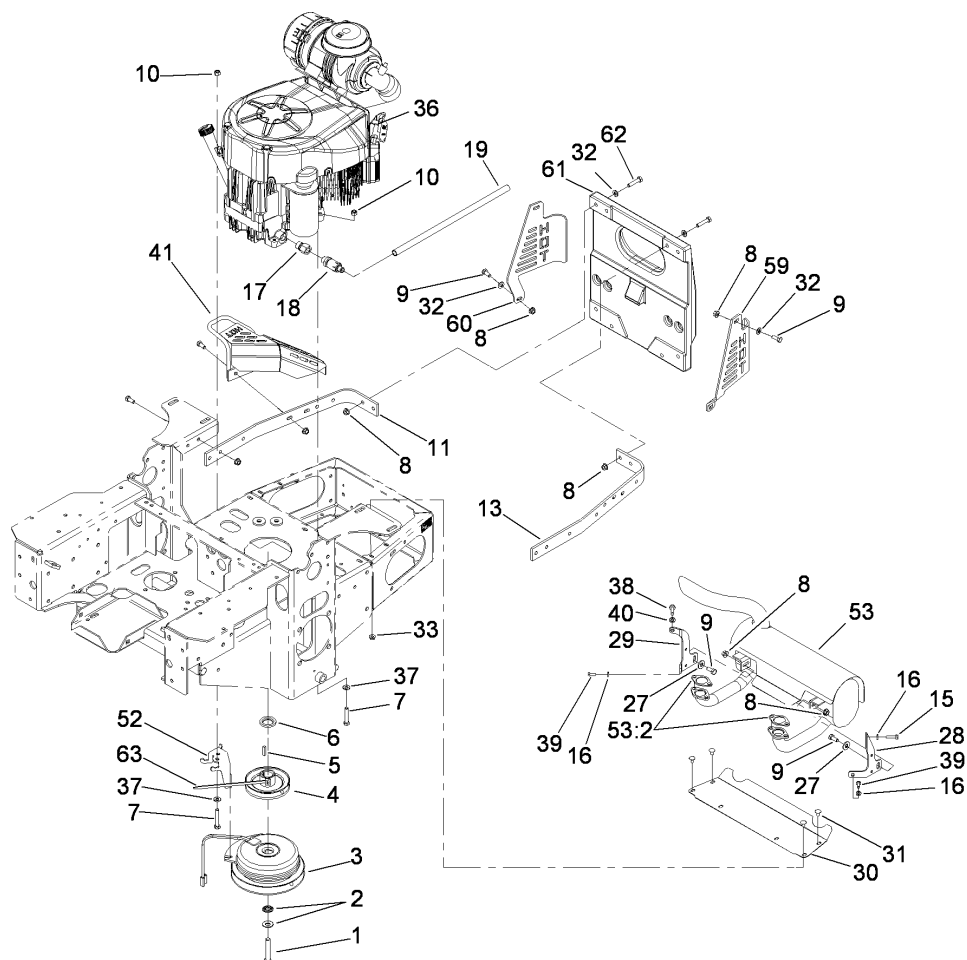
Hydraulic Pump Assembly No. 103-1942

Ref	Part No.	Qty.	Description
1	105-6184	1	Seal Kit
2	105-6185	1	Plate-Valve
3	103-2664	1	Input Shaft Kit
4	94-6922	1	Bearing-Thrust
5	103-2666	1	Cylinder Block Kit
7	106-2053	1	Shock Valve Kit



Pump Idler and Belt Assembly

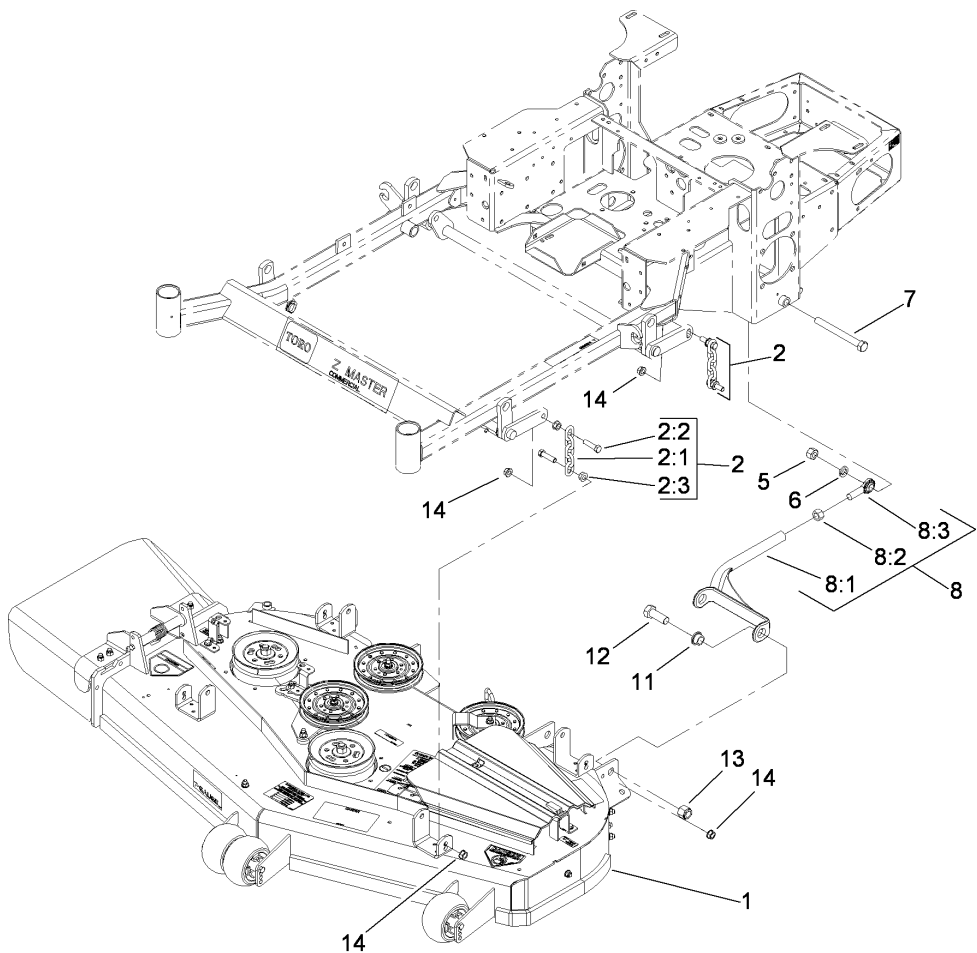
Ref	Part No.	Qty.	Description				
1	323-13	1	Screw-HH				
2	3256-4	1	Washer-Flat				
3	1-603044	1	Bushing				
4	302-40	1	Fitting-Grease				
5	3290-357	2	Nut-HHF, Whiz				
6	103-4480	1	Spring-Extension				
7	323-9	1	Screw-HH				
8	63-8410	1	Washer				
9	98-5975	1	Washer-Belleville				
10	3296-39	1	Nut-Lock, NI				
11	3256-24	1	Washer-Flat				
12	1-603843	1	Pulley-Idler				
14	107-3960	1	Belt				
15	103-4482	1	Idler Arm ASM				
15:1	103-4681	2	Sleeve-Bearing				
17	3234-11	1	Screw-HHF				



Engine, Clutch and Muffler Assembly

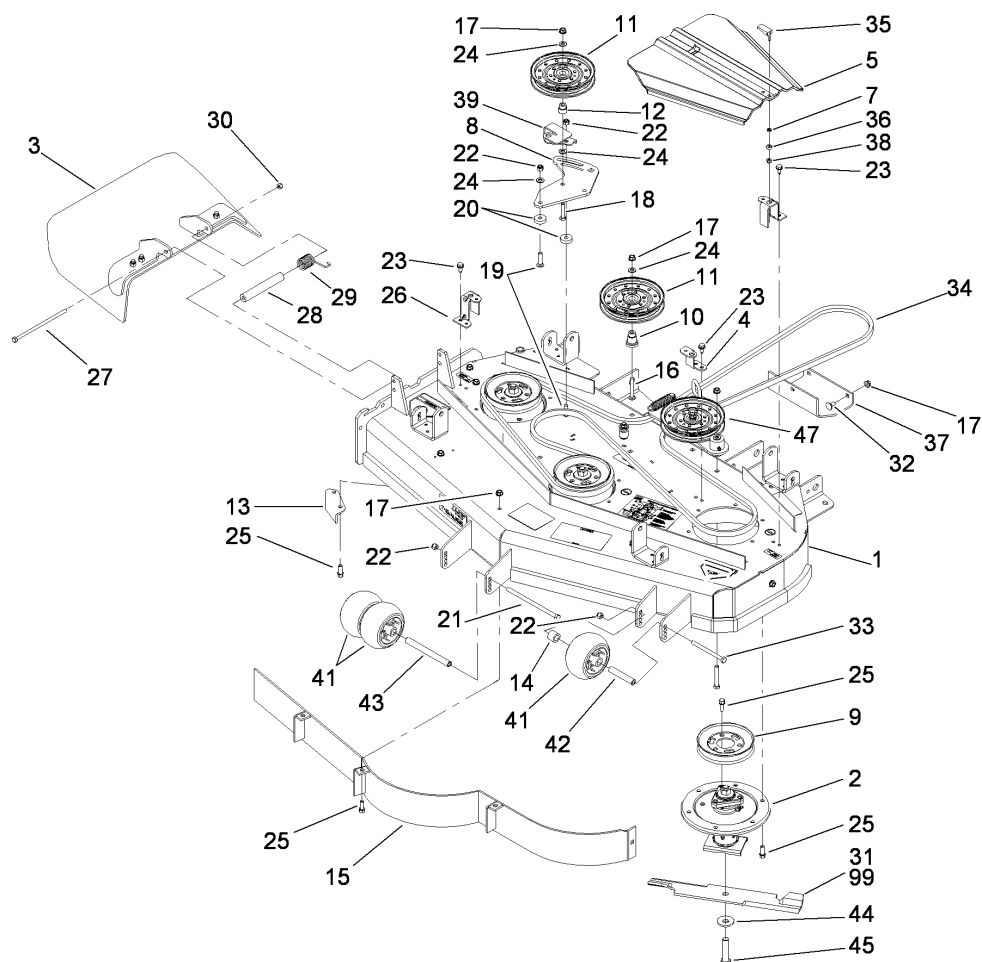
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	109-2916	1	Clutch
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-10	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	15	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
13	103-3164-03	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, FH641V-Ds19
37	1-303334	4	Washer-Spring
38	33114-025	1	Screw-HH
39	33113-016	2	Screw-HH
40	1-805005	1	Washer-Lock
41	103-3218-03	1	Guard-Tailpipe
52	109-7070-03	1	Anchor-Clutch
53	103-3427	1	Muffler Kit
53:2	1-653313	2	Gasket-Exhaust
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
63	1-303335	1	Tie-Plastic



Deck Connection Assembly

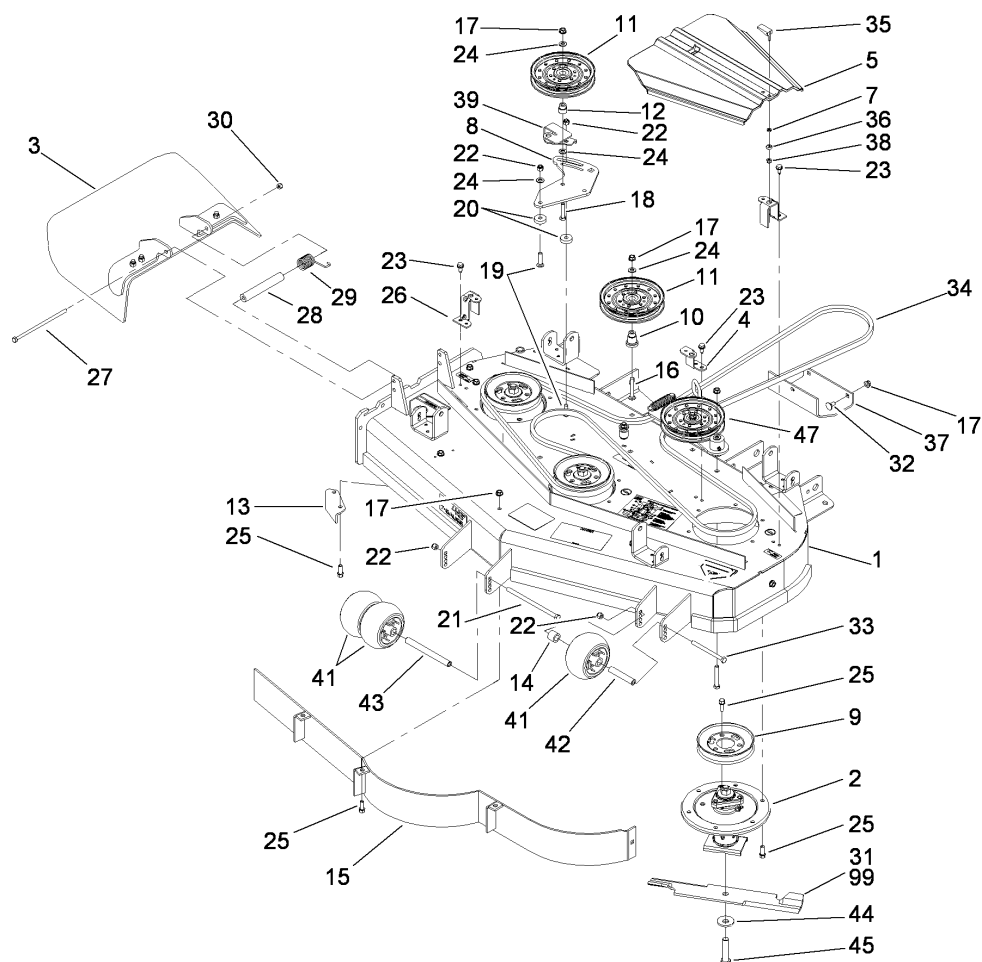
Ref	Part No.	Qty.	Description				
②1		1	Deck ASM				
2	103-9792	4	Deck Chain ASM				
2:1	1-633447	1	Chain-Lift, Deck				
2:2	103-1898	2	Screw-HH				
2:3	32128-37	2	Nut-HF				
5	3217-11	2	Nut-Hex				
6	3253-8	2	Washer-Lock				
7	1-800344	2	Screw				
8	108-7768	2	Strut ASM				
8:1	108-7753-03	1	Strut-Deck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



Deck Assembly

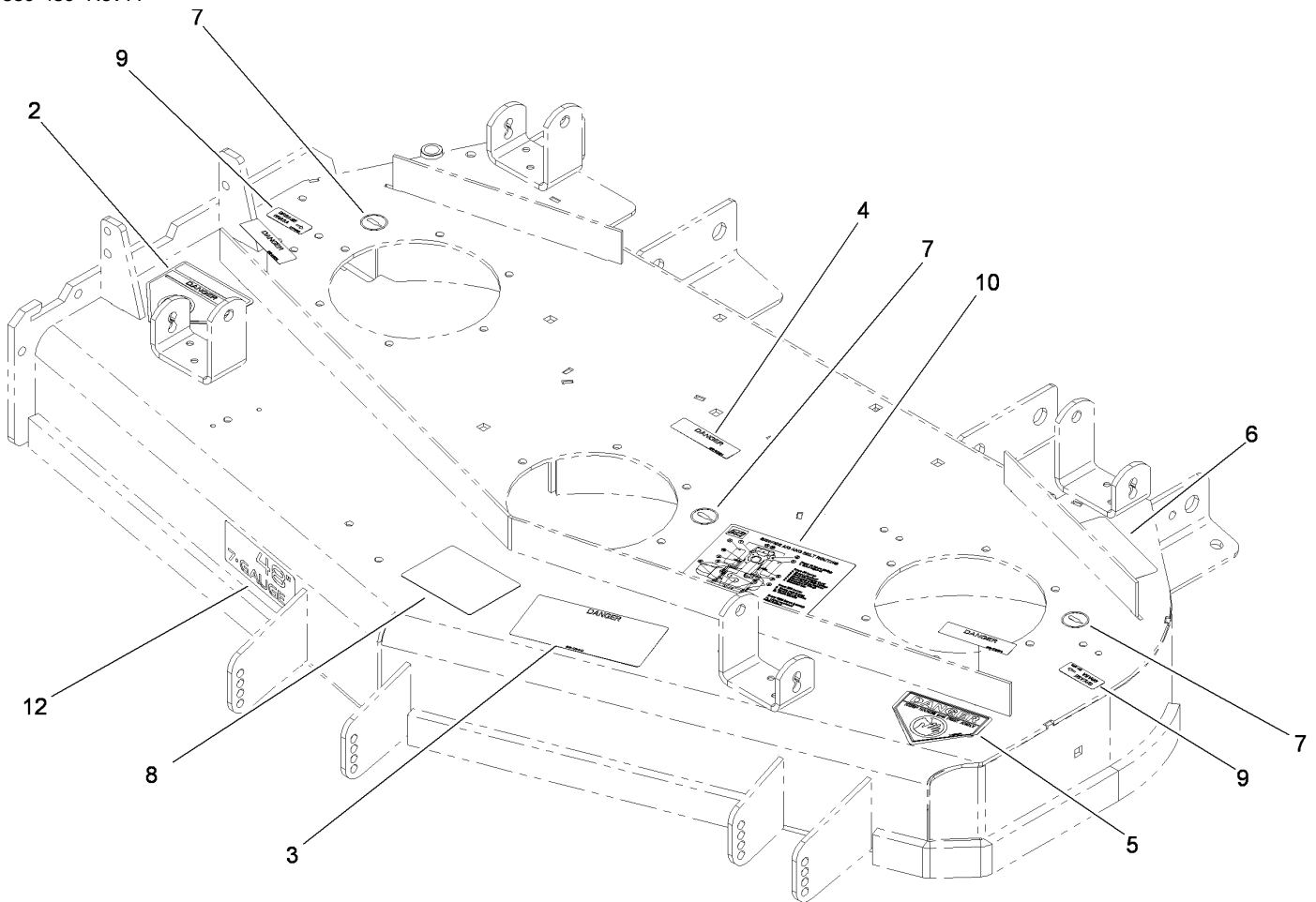
Ref	Part No.	Qty.	Description
1	114-1515	1	Deck Decal ASM
2	107-8504	3	Spindle ASM
3	108-7770	1	Rubber Deflector ASM
4	108-2177-01	1	Bracket-Cover, Tall
5	107-8536	2	Cover-Belt
7	99-3058	2	Washer
8	107-8516-01	1	Plate-Idler
9	107-1684	3	Pulley
10	106-3214	1	Mount-Pulley
11	1-633109	2	Idler-Flat
12	1-603496	1	Bushing-Idler
13	107-8541-01	1	Baffle-Discharge
14	98-7913	1	Tube-Spacer
15	108-2187-01	1	Baffle ASM
16	3231-31	1	Screw-CARR
17	3290-357	32	Nut-HHF, Whiz
18	323-9	1	Screw-HH
19	3231-4	2	Screw-CARR
20	105-7788	2	Spacer
21	323-28	1	Screw-HH
22	3296-39	4	Nut-Lock, NI
23	32144-70	3	Screw-HWHTF
24	3256-24	4	Washer-Flat
25	92-1624	32	Screw

Ref	Part No.	Qty.	Description
26	108-4121-01	2	Bracket-Cover
27	322-50	1	Screw-HH
28	105-4622	1	Spacer
29	108-4052	1	Spring-Torsion
30	3296-29	1	Nut-Lock, NI
31	107-3192-03	3	Blade-16.5 Inch (High Flow)
32	3231-1	7	Screw-CARR
33	323-23	1	Screw-HH
34	106-7369	1	Belt-V
35	106-6777	2	Handle-Latch, Swell
36	106-6778	2	Bushing-Latch, Swell
37	107-3166-01	1	Skid
38	1-804254	2	Nut
39	108-2228-01	1	Bracket-Cover
41	1-603299	3	Roller-Scalp, Anti
42	98-7912	1	Tube-Spanner
43	98-5967	1	Spacer-Wheel
44	103-0865	3	Washer-Blade Bolt, Heavy
45	103-0862	3	Screw-Cap
47		1	Spring Idler ASM
99	107-3196-03	3	Blade-Rotary, 16.5 Inch (Recycling)
99	107-3195-03	3	Blade-Rotary, 16.5 Inch (Atomic)



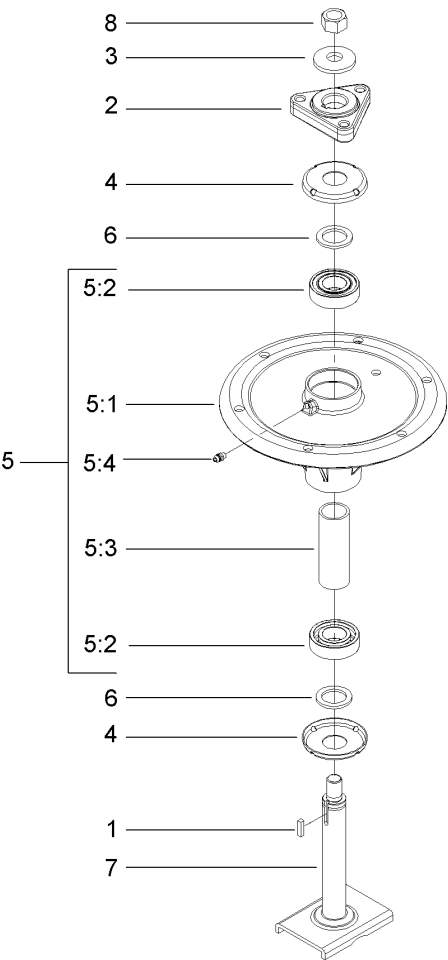
Deck Assembly (continued)

Ref	Part No.	Qty.	Description
999	107-3193-03	3	Blade-Rotary, 16.5 Inch (Low Flow)
999	107-3194-03	3	Blade-Rotary, 16.5 Inch (Med Flow)



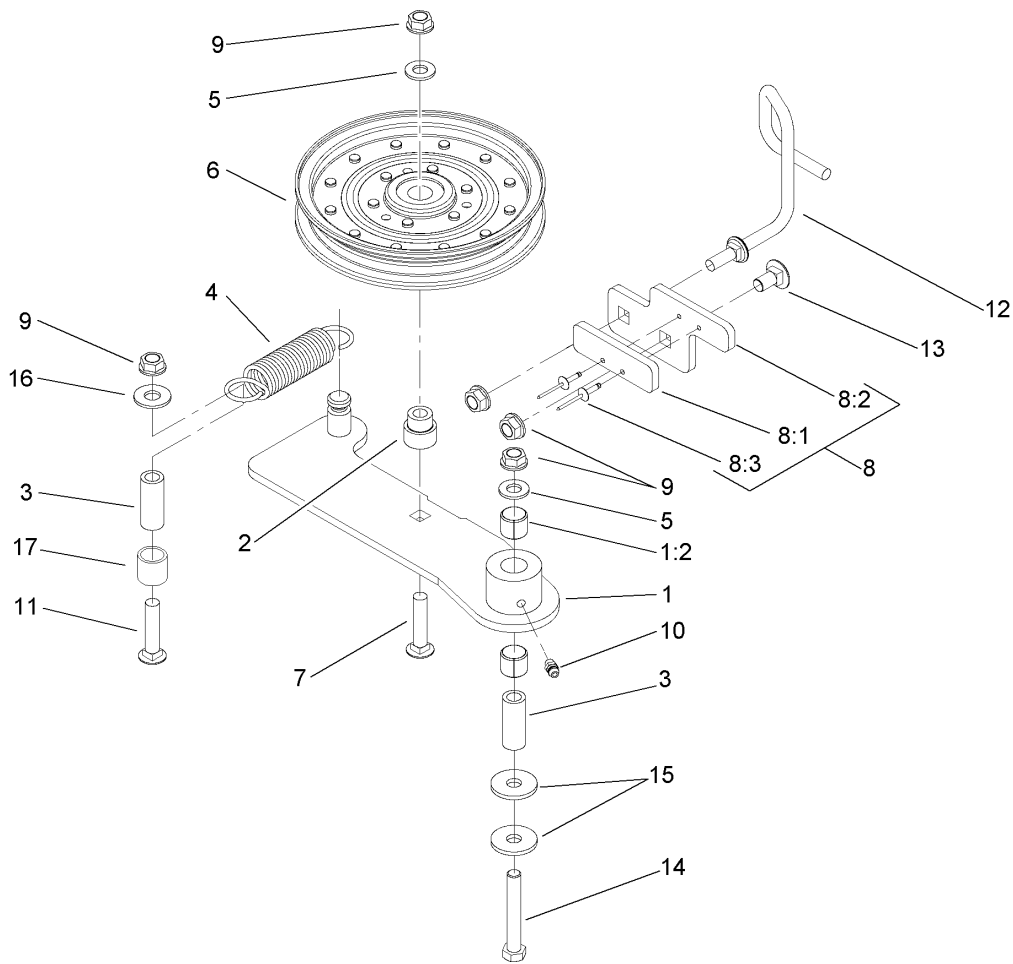
Deck Decal Assembly No. 114-1515

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	3	Decal-Grease				
10	107-1687	1	Decal-Aid, Service				
12	107-1695	1	Decal				



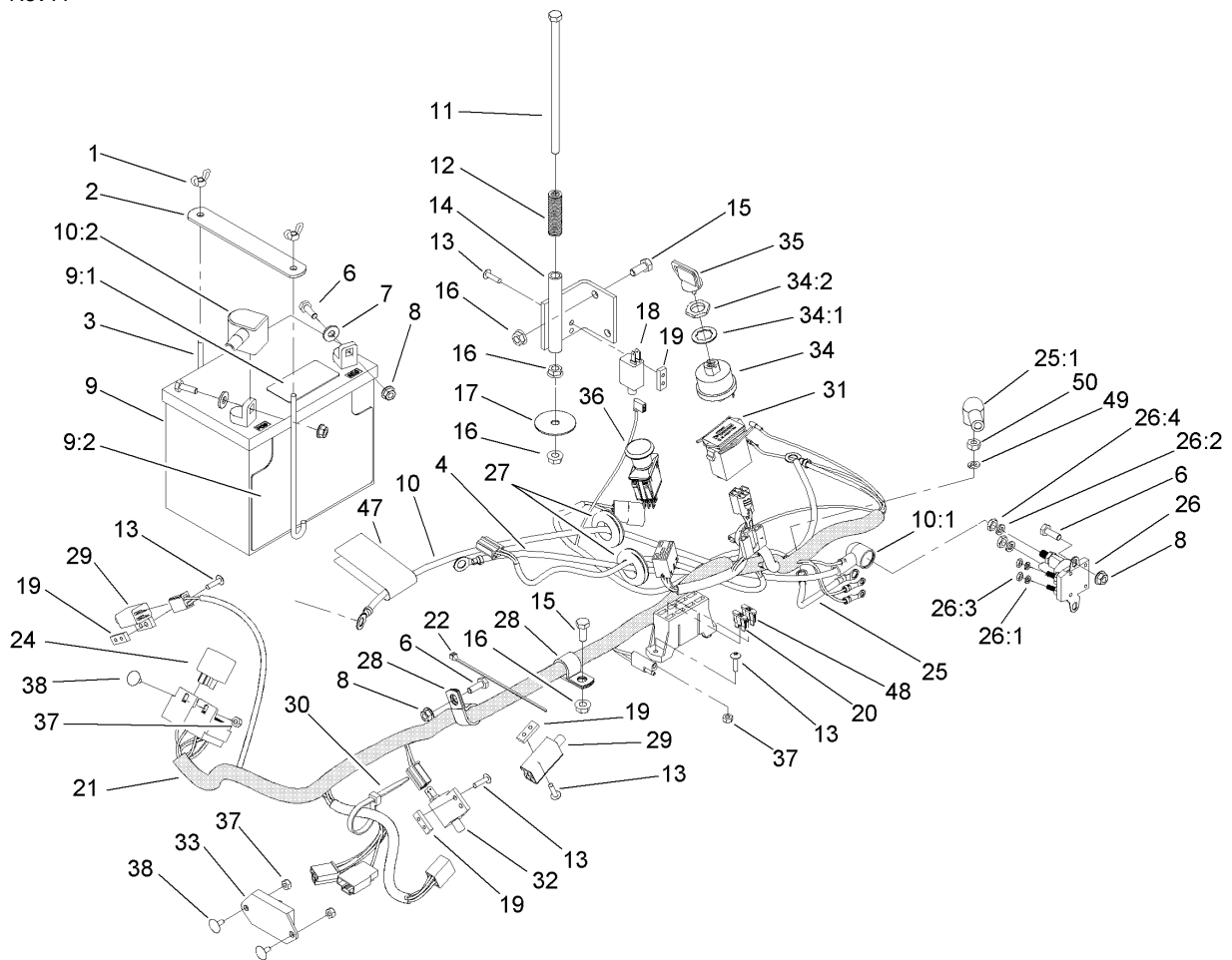
Spindle Assembly No. 107-8504

Ref	Part No.	Qty.	Description				
1	10-8040	1	Key-Square				
2	106-3277	1	Hub-Pulley				
3	103-0865	1	Washer-Blade Bolt, Heavy				
4	106-3204	2	Shield-Bearing				
5		1	Spindle Bearing ASM				
5:1	106-3211	1	Housing-Spindle				
5:2	113514	2	Bearing-Ball				
5:3	107-8502	1	Spacer-Bearing				
5:4	302-5	1	Fitting-Grease				
6	3-8514	2	Washer-Thrust				
7	107-8501	1	Spindle ASM				
8	3219-6	1	Nut-Hex				



Idler Assembly

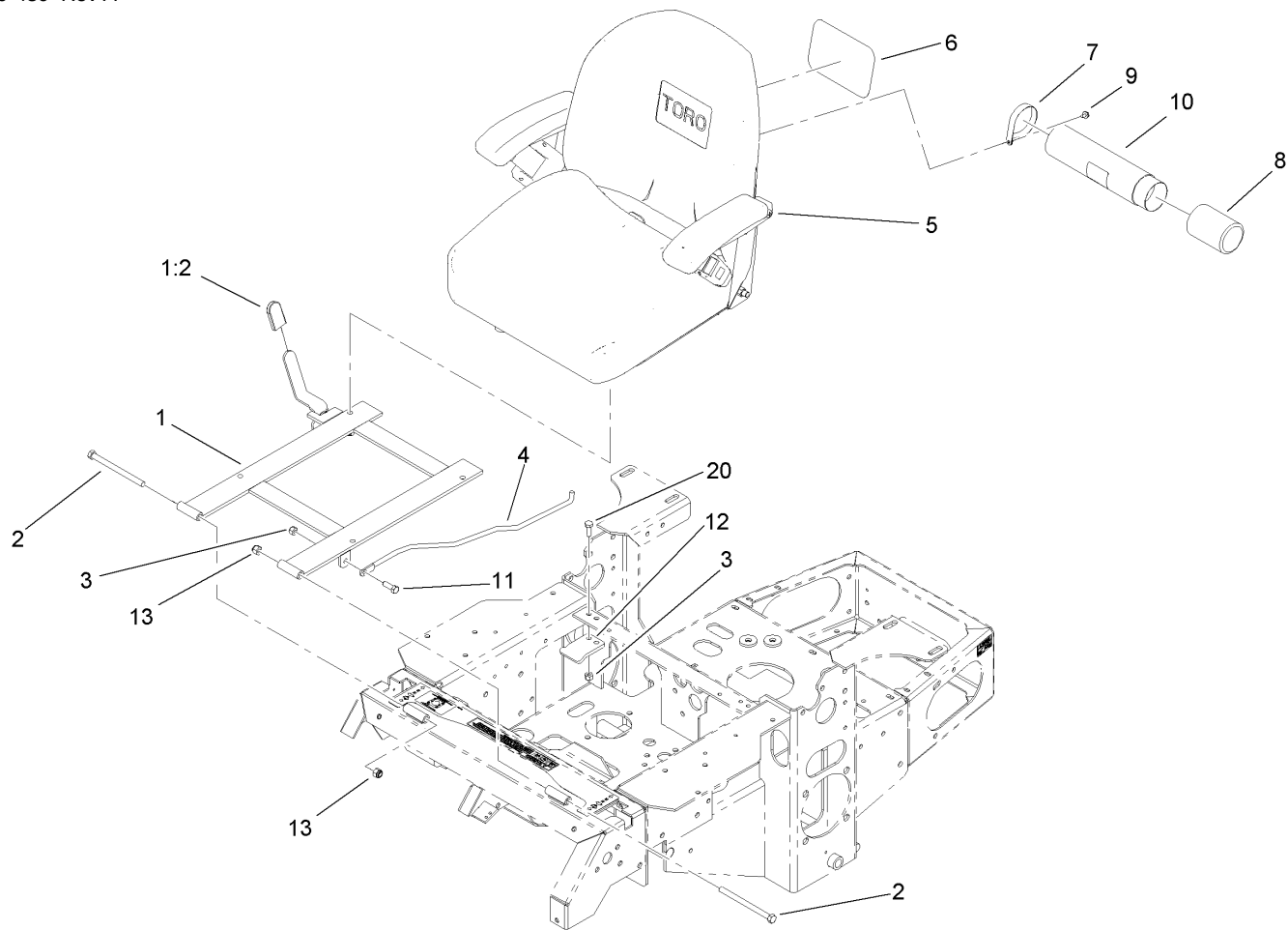
Ref	Part No.	Qty.	Description				
1	108-4062	1	Idler Arm ASM				
1:2	103-4681	2	Sleeve-Bearing				
2	1-603496	1	Bushing-Idler				
3	1-603044	2	Bushing				
4	108-4056	1	Spring-Extension				
5	3256-24	2	Washer-Flat				
6	1-633109	1	Idler-Flat				
7	3231-6	1	Screw-CARR				
8		1	Stop Pad ASM				
8:1	106-3229	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 Assembly

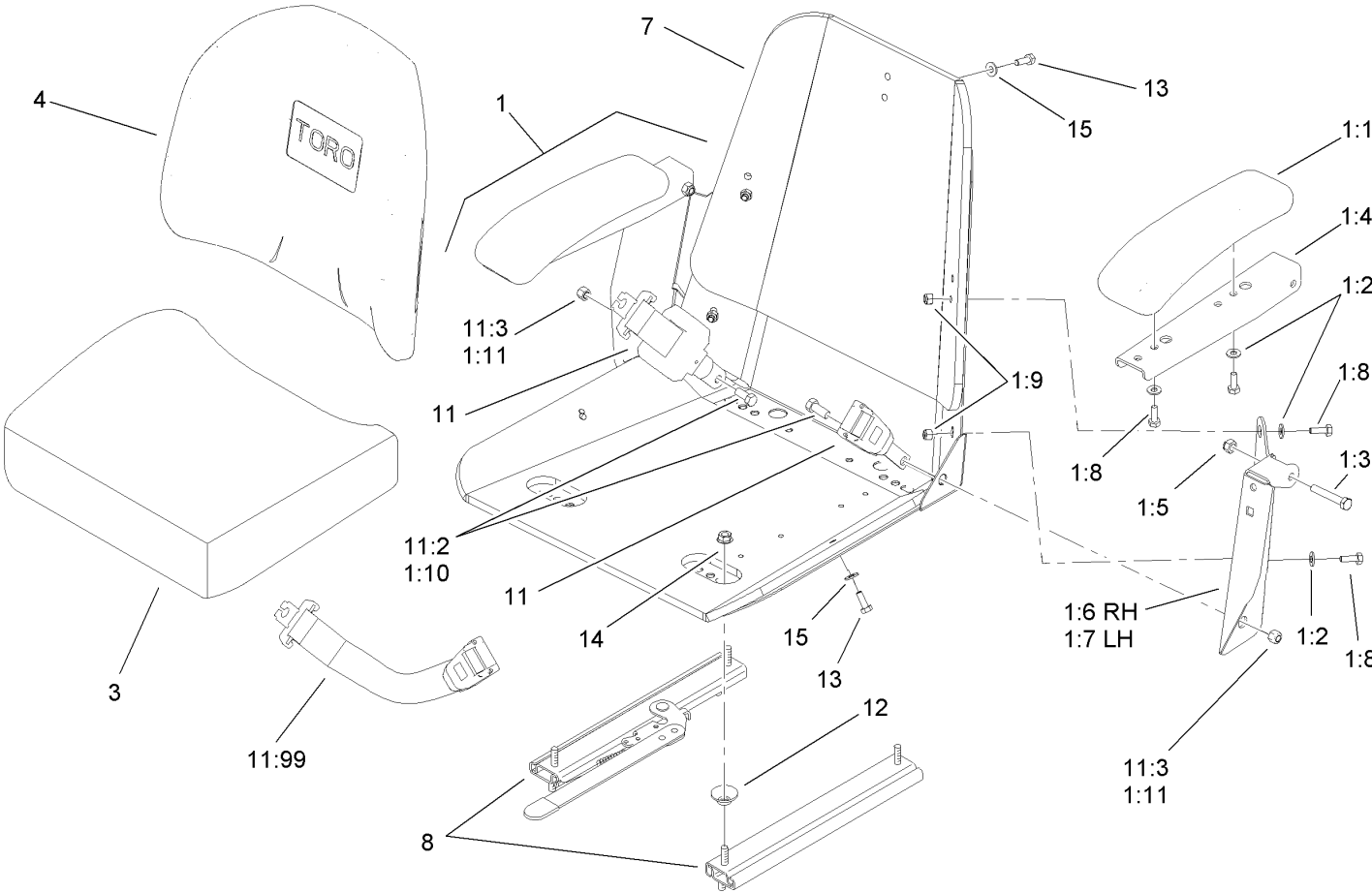
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	107-9277-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
6	321-4	5	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	5	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	104-4164	1	Decal-Battery
10	109-7621	1	Positive Battery Cable ASM
10:1	1-543393	1	Insulator-Solenoid
10:2	109-2407	1	Insulator-Battery
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	109103	1	Fuse-30 Amp
21	110-0318	1	Harness-Electrical

Ref	Part No.	Qty.	Description
22	1-303287	3	Tie-Plastic
24	1-643275	2	Relay
25	109-7620	1	Positive Starter Cable ASM
25:1	1-543393	2	Insulator-Solenoid
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 ASM
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



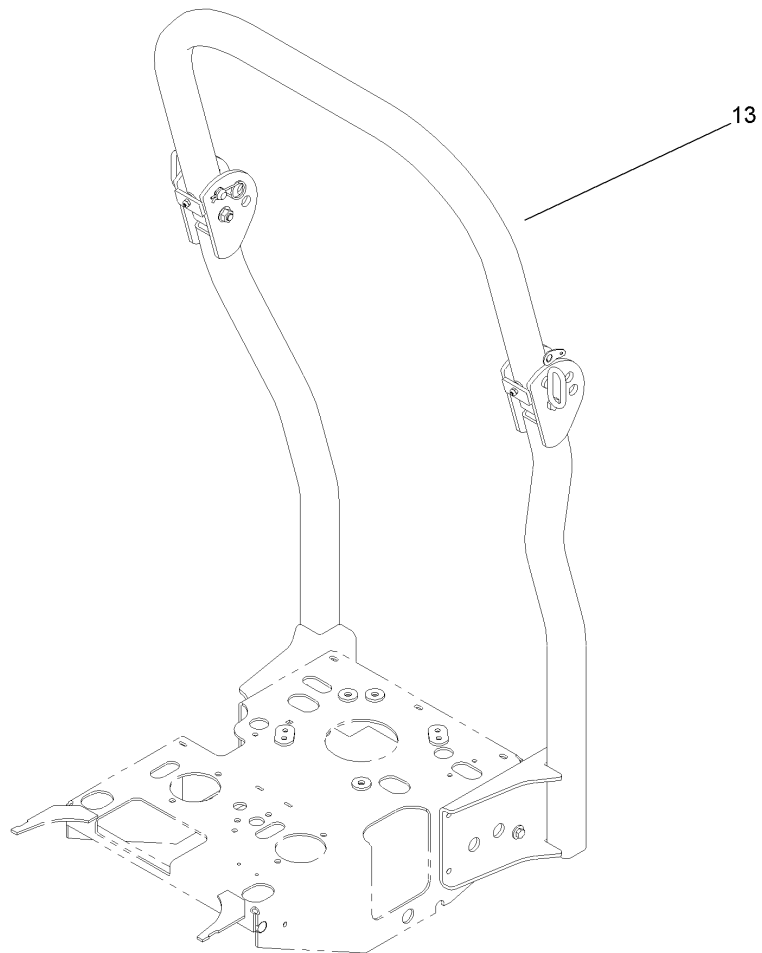
Seat and Bracket Assembly

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				



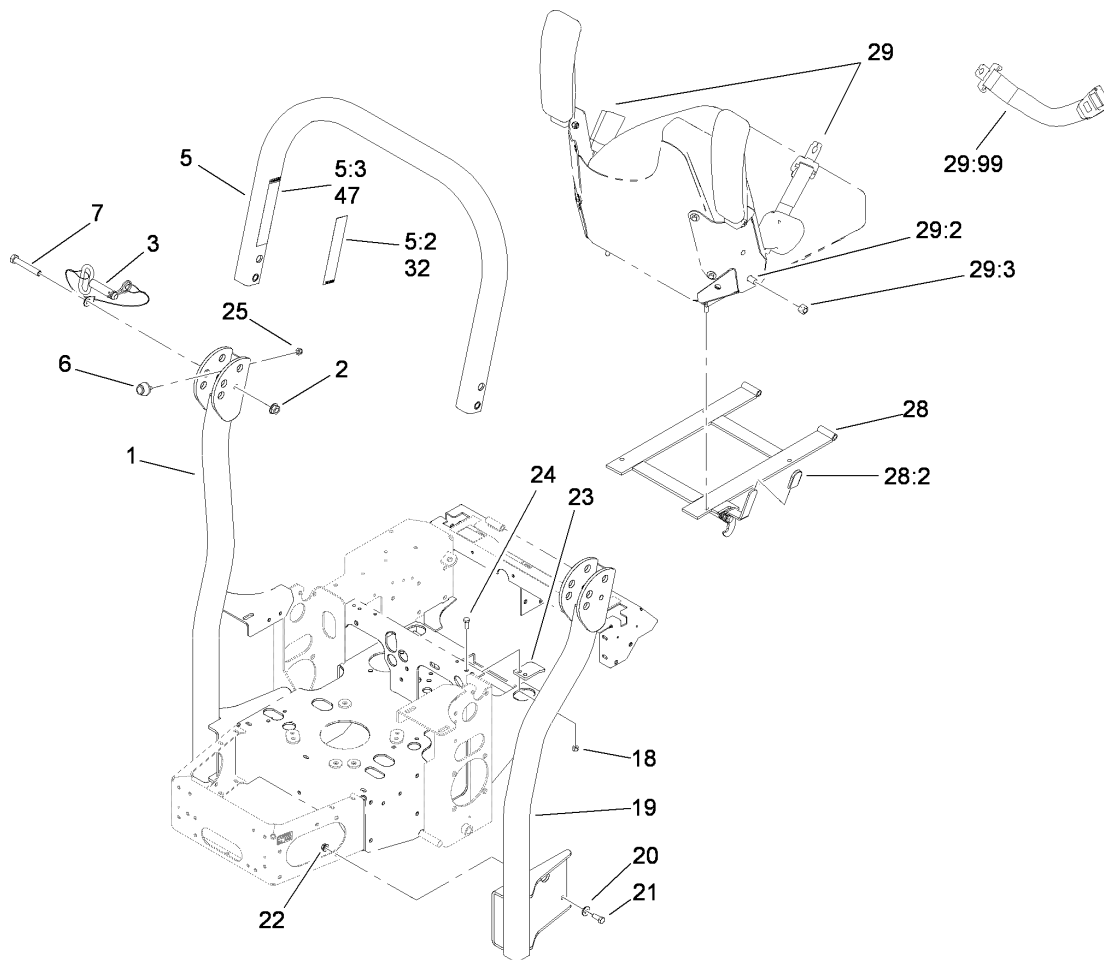
Seat and Bracket Assembly No. 110-0446

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



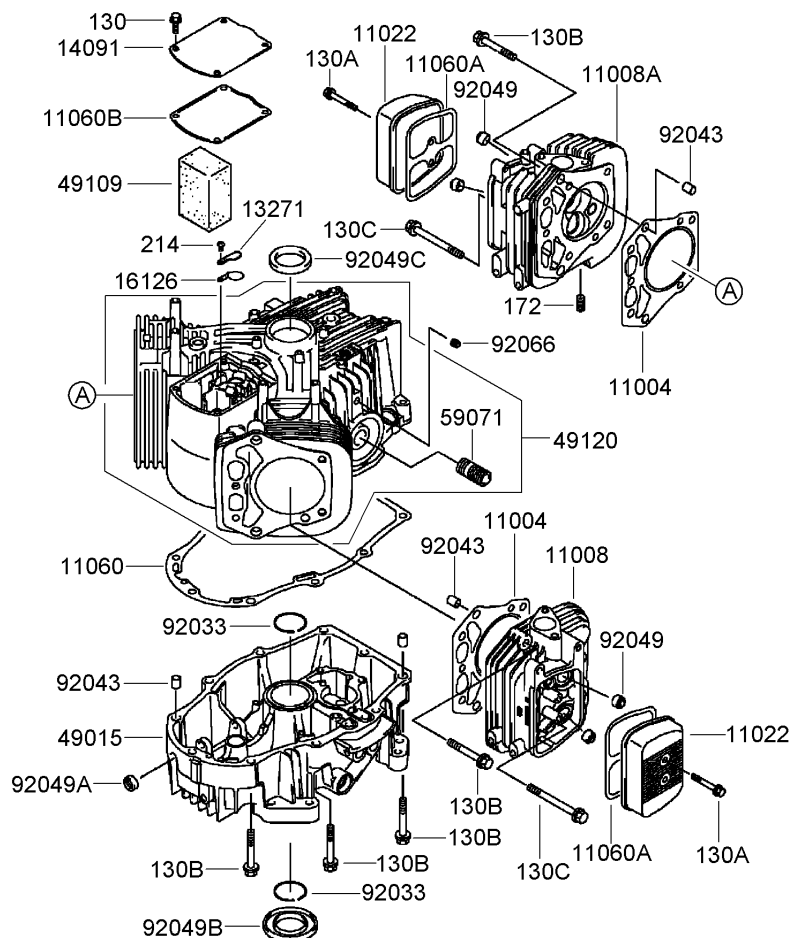
Roll-Over Protection System Assembly

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



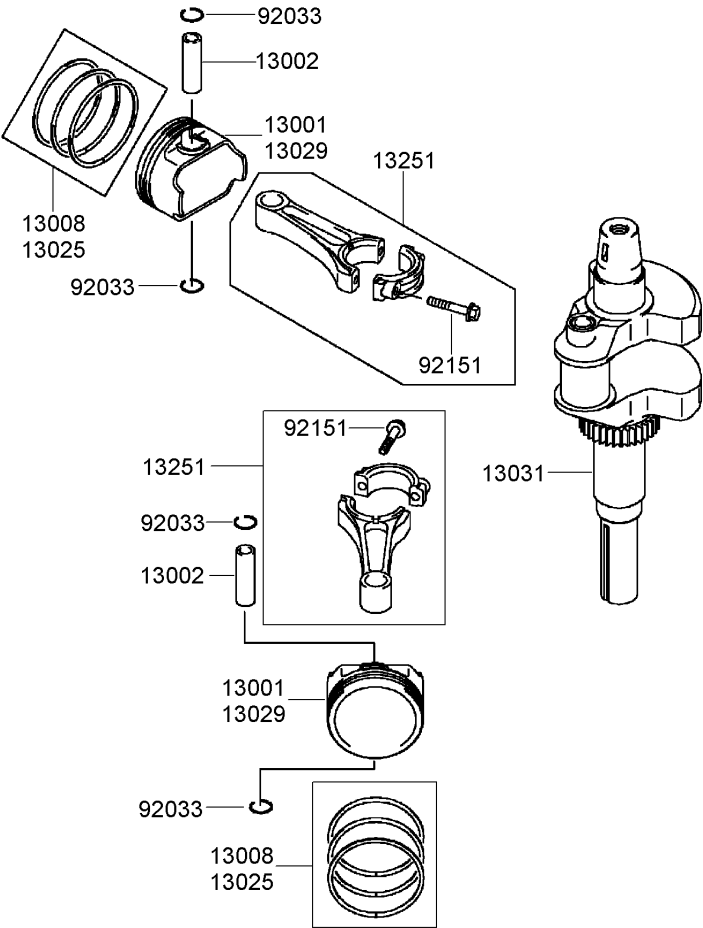
Roll-Over Protection System Assembly No. 107-8093

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②1		1	LH Tube Support ASM	47	107-2102	1	Decal-Warning, Folding ROPS
2	32128-23	2	Nut-HF				
3	103-4553	2	ROPS Fold Pin ASM				
②5		1	Upper Tube ASM				
5:2	107-2100	1	Decal				
5:3	107-2102	1	Decal-Warning, Folding ROPS				
6	109-2365	2	Bumper-Rubber (W/Stud)				
7	325-13	2	Screw-HH				
18	3296-29	2	Nut-Lock, NI				
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				
29:99	109-6226	1	Seat Belt Extension Kit				
32	107-3069	1	Decal-Warning, Folding ROPS (Ce)				



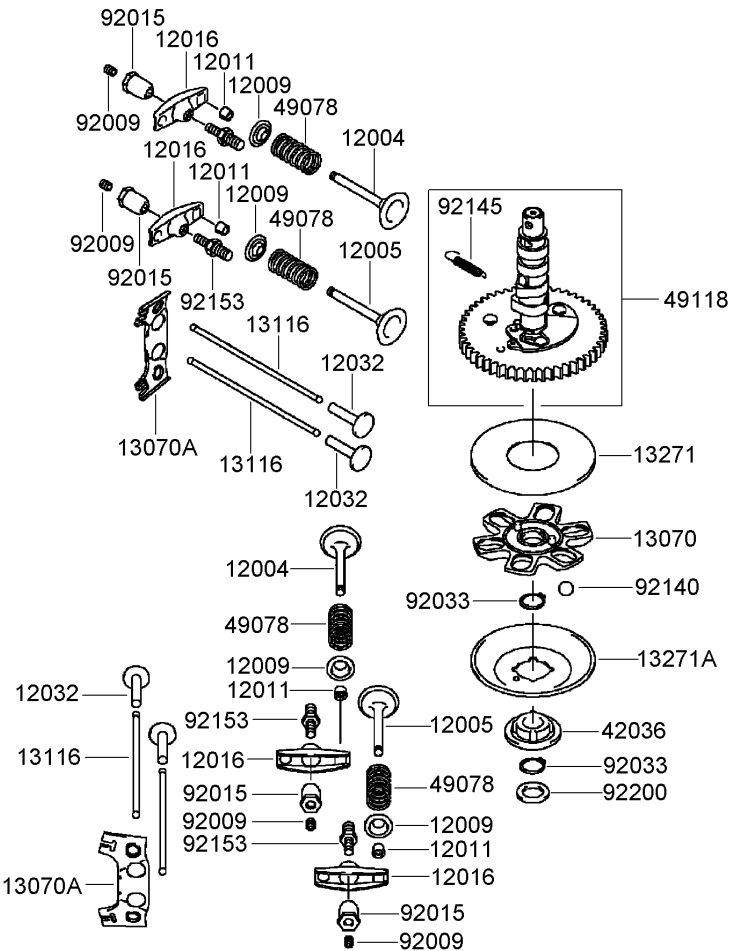
Cylinder and Crankcase Assembly Kawasaki FH641V-DS19-R

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
④11004	11004-7006	2	Gasket-Head	④130C	130T0875	2	Bolt-Flanged (8X75)
④11008	11008-7023	1	Head-Cylinder, No.2	④172	172G0818	4	Bolt-Stud (8X18)
④11008A	11008-7024	1	Head-Cylinder, No.1	④214	214B0408	1	Screw-Pan (4X8)
④11022	11022-7002	2	Case-Rocker				
④11060	11060-7012	1	Gasket-Cover, Crankcase				
④11060A	11060-7013	2	Gasket-Case, Rocker				
④11060B	11060-7014	1	Gasket-Breather				
④13271	13271-7006	1	Plate				
④14091	14091-7004	1	Cover				
④16126	16126-7001	1	Valve				
④49015	49015-7064	1	Cover-Crankcase				
④49109	49109-7003	1	Element-Breather				
④49120	49120-7037	1	Crankcase				
④59071	59071-2079	1	Joint				
④92033	92033-7004	2	Ring-Snap				
④92043	92043-7001	6	Pin				
④92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)				
④92049A	92049-7005	1	Seal-Oil, S O (8X14X5 H S)				
④92049B	92049-7011	1	Seal-Oil, S D (35X62X8 L H S)				
④92049C	92049-7014	1	Seal-Oil, S D (35X52X7 R H S)				
④92066	92066-7002	1	Plug				
④130	130B0612	4	Bolt-Flanged (6X12)				
④130A	130B0640	4	Bolt-Flanged (6X40)				
④130B	130T0850	18	Bolt-Flanged (8X50)				



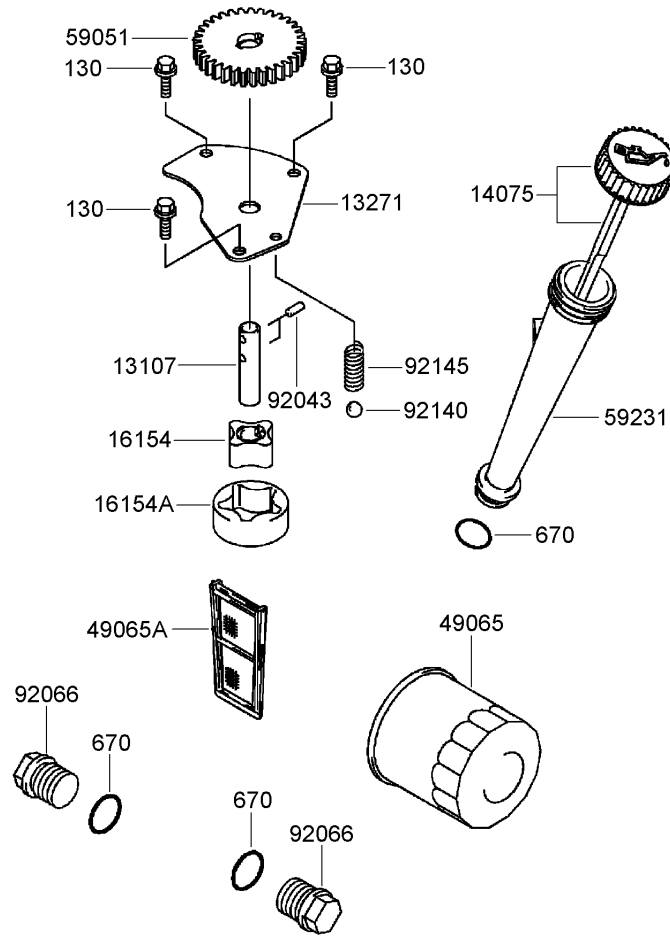
Piston and Crankshaft Assembly
Kawasaki FH641V-DS19-R

Ref	Part No.	Qty.	Description				
④13001	13001-7007	2	Piston-Engine				
④13002	13002-7001	2	Pin-Piston				
④13008	13008-6058	2	Ring Set-Piston				
④13025	13025-7002	1	Ring Set-Piston (L,0.50)				
④13029	13029-7003	1	Piston-Engine (L,0.50)				
④13031	13031-7048	1	Crankshaft				
④13251	13251-7005	2	Connecting Rod ASM				
④92033	92033-7002	4	Ring-Snap				
④92151	92151-7017	4	Bolt (6X35)				



Valve and Camshaft Assembly
Kawasaki FH641V-DS19-R

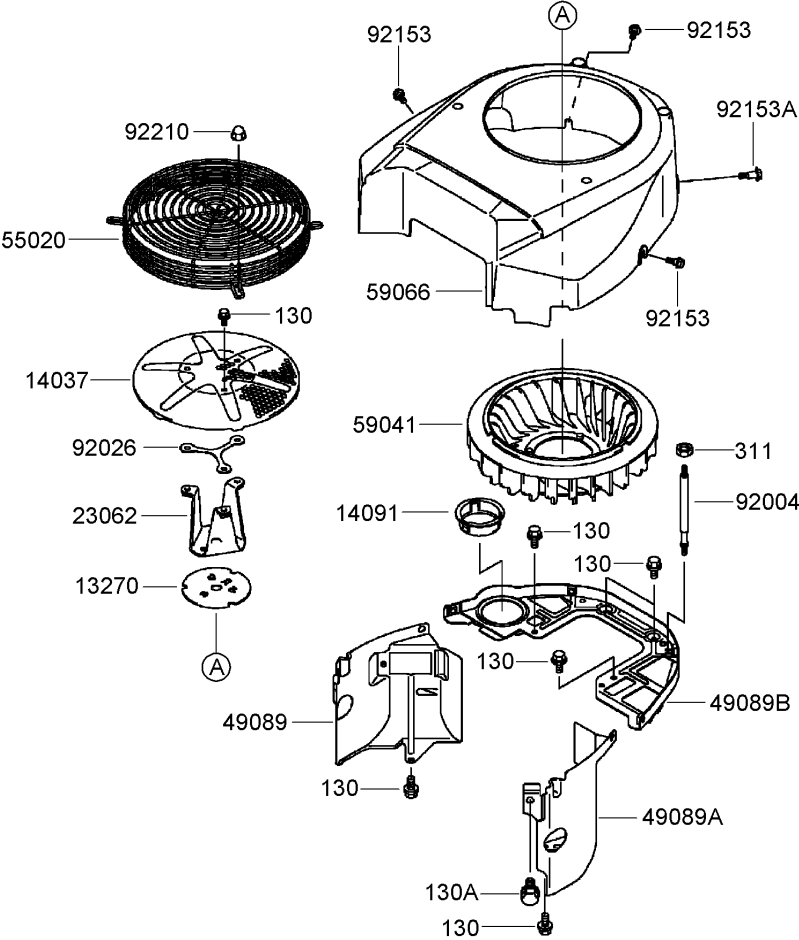
Ref	Part No.	Qty.	Description				
④12004	12004-7002	2	Valve-Intake				
④12005	12005-7004	2	Valve-Exhaust				
④12009	12009-7001	4	Retainer-Spring, Valve				
④12011	12011-2056	8	Collet				
④12016	12016-7007	4	Arm-Rocker				
④12032	12032-7001	4	Tappet				
④13070	13070-7004	1	Guide				
④13070A	13070-7007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



Lubrication Equipment Assembly

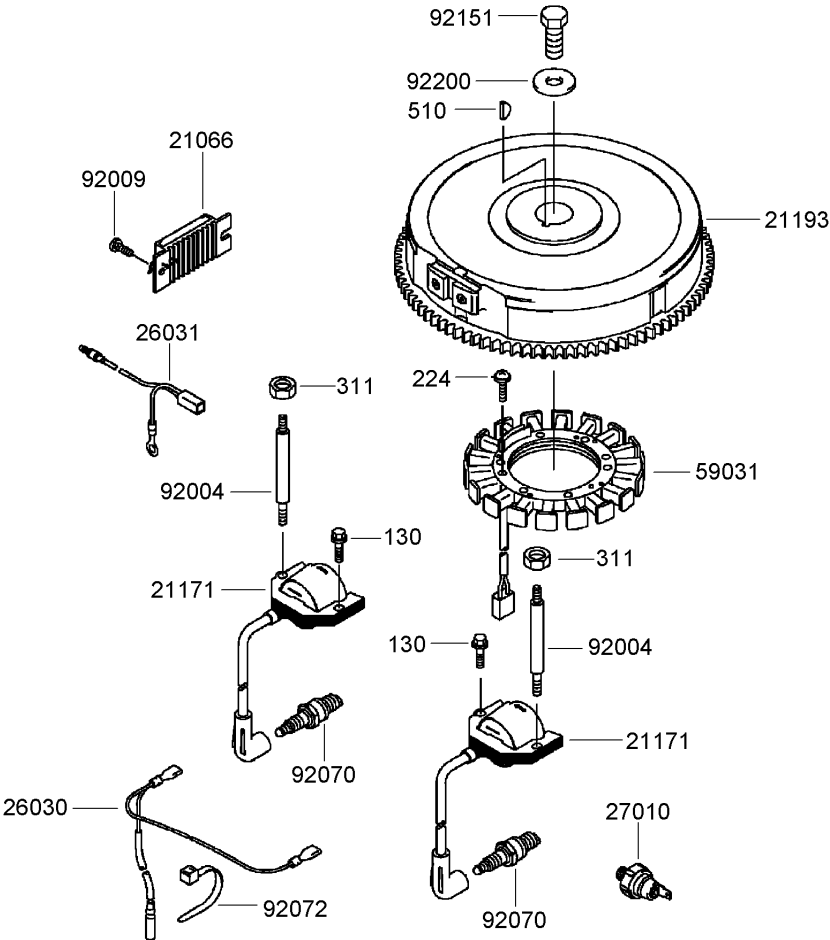
Kawasaki FH641V-DS19-R

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



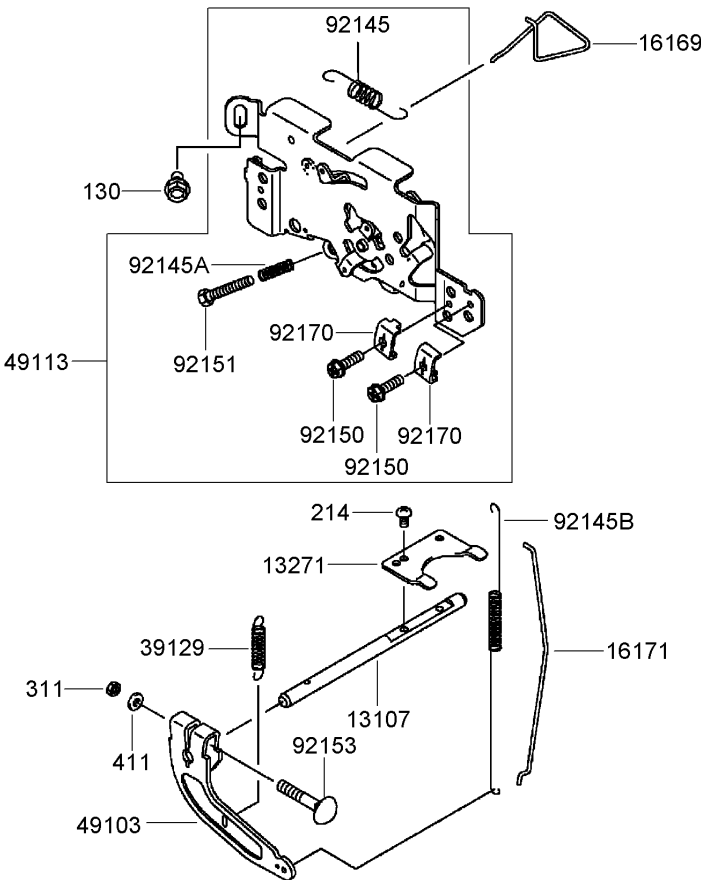
Cooling Equipment Assembly
Kawasaki FH641V-DS19-R

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



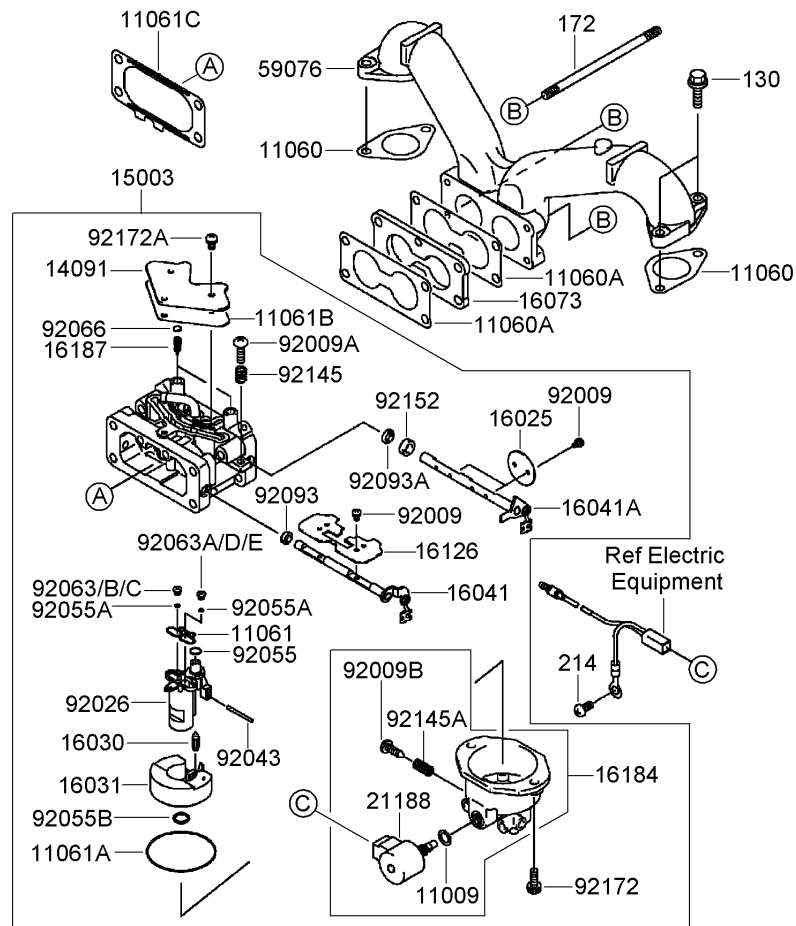
Electric Equipment Assembly
Kawasaki FH641V-DS19-R

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



Control Equipment Assembly
Kawasaki FH641V-DS19-R

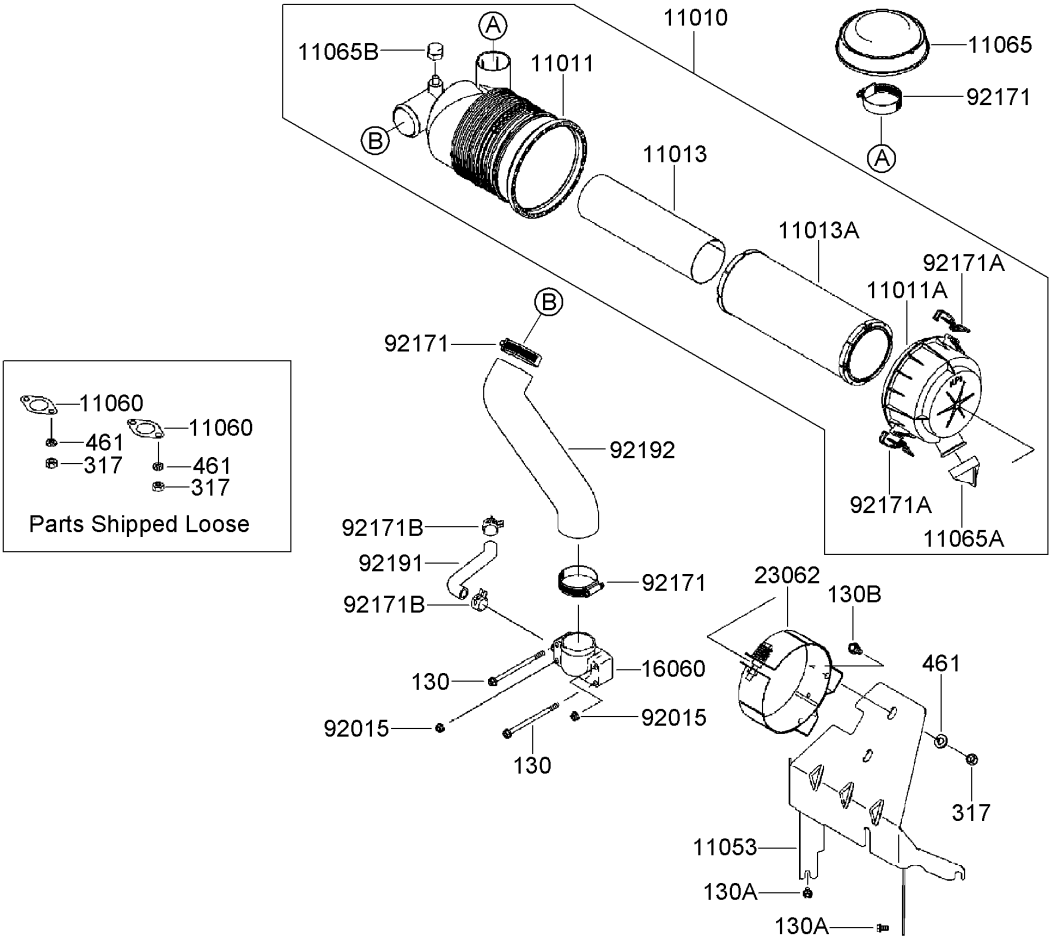
Ref	Part No.	Qty.	Description				
④13107	13107-7013	1	Shaft				
④13271	13271-7032	1	Plate				
④16169	16169-7006	1	Link-Choke				
④16171	16171-7004	1	Link				
④39129	39129-7004	1	Spring-Governor				
④49103	49103-7004	1	Arm-Governor				
④49113	49113-7017	1	Panel-Control				
④92145	92145-7004	1	Spring	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



Carburetor Assembly Kawasaki FH641V-DS19-R

Ref	Part No.	Qty.	Description
④11009	11009-2056	1	Gasket
④11060	11060-7011	2	Gasket-Manifold
④11060A	11060-7024	2	Gasket-Carburetor
④11061	11061-7037	1	Gasket
④11061A	11061-7038	1	Gasket
④11061B	11061-7039	1	Gasket
④11061C	11061-7043	1	Gasket
④14091	14091-7031	1	Cover
④15003	15003-7119	1	Carburetor ASM
④16025	16025-7003	2	Valve-Throttle
④16030	16030-7004	1	Valve-Float
④16031	16031-7003	1	Float
④16041	16041-7021	1	Shaft-Carburetor
④16041A	16041-7023	1	Shaft-Carburetor
④16073	16073-7005	1	Insulator
④16126	16126-7015	1	Valve
④16184	16184-7017	1	Chamber Float ASM
④16187	16187-7002	2	Needle-Jet
④21188	21188-7003	1	Solenoid
④59076	59076-7002	1	Manifold-Intake
④92009	92009-7003	6	Screw
④92009A	92009-7004	1	Screw
④92009B	92009-7006	1	Screw-Drain
④92026	92026-7011	1	Spacer

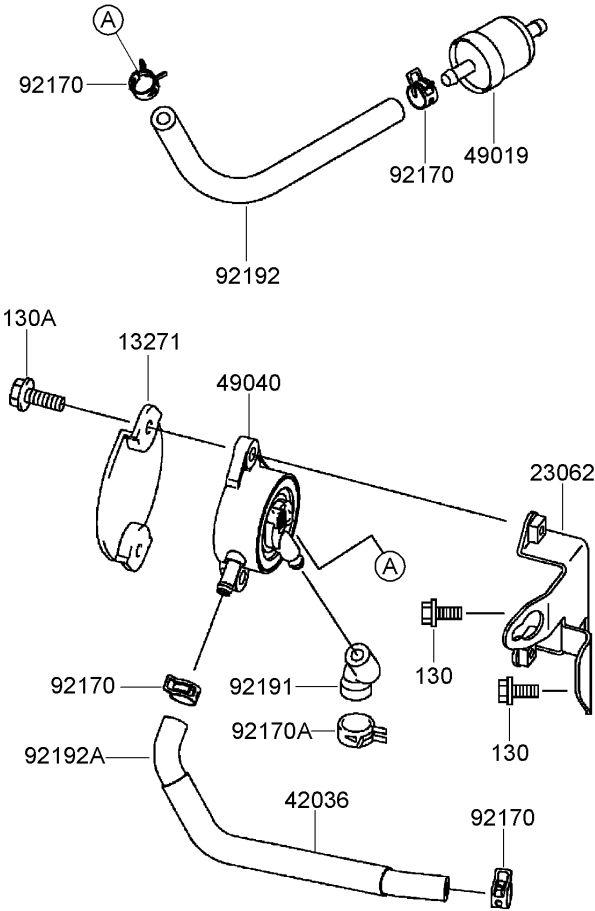
Ref	Part No.	Qty.	Description
④92043	92043-7014	1	Pin
④92055	92055-7012	1	O-Ring
④92055A	92055-7013	2	O-Ring
④92055B	92055-7016	1	O-Ring
④92063	92063-7051	1	Jet-Main, No.104
④92063A	92063-7054	1	Jet-Main, No.108
④92063B	92063-7075	1	Jet-Main, No.101 (3280)
④92063C	92063-7076	1	Jet-Main, No.098 (6560)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



Air Filter and Muffler Assembly

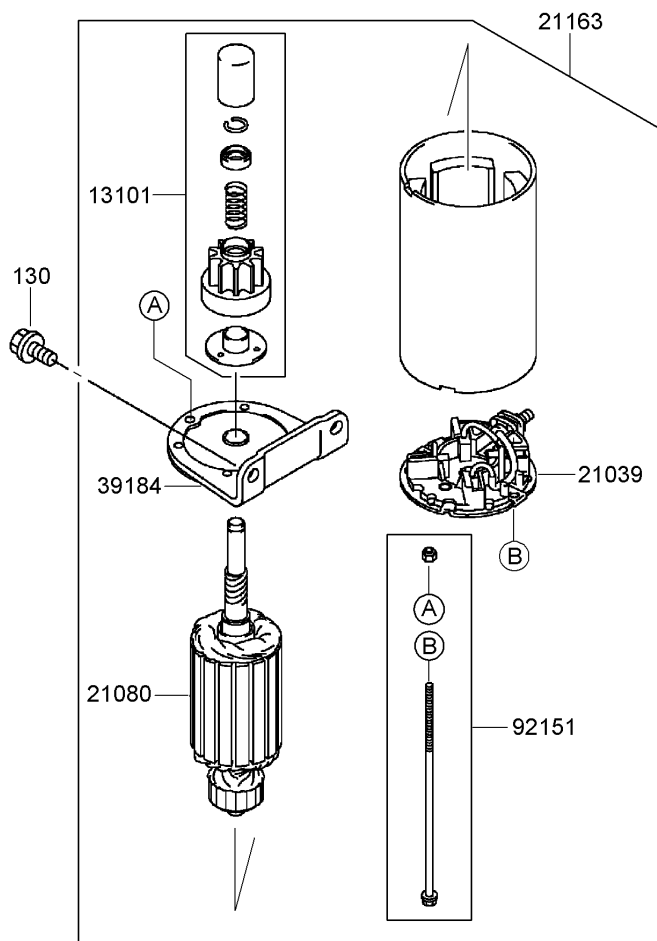
Kawasaki FH641V-DS19-R

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



Fuel Tank and Valve Assembly
Kawasaki FH641V-DS19-R

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



Starter Assembly

Kawasaki FH641V-DS19-R

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

Attachments and Accessories

For 74448 - Z400 Z Master, With 48in 7-Gauge Side Discharge Mower

Product Name	Model/Part
Striping Kit	106-3370
Suspension Kit for Standard Seat	107-1892
48 Inch Standard High Lift Blade	107-3192-03
Blade-Low Flow, 16.5 Inch	107-3193-03
Blade-Mid Flow, 16.5 Inch	107-3194-03
Blade-Atomic, 16.5 Inch	107-3195-03
Blade-Recycling, 16.5 Inch	107-3196-03
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
Bimini Sunshade	110-5726
Semi Pnuematic Wheel ASM	110-5745
Channel Reinforcement Kit	112-8673
DFS Vac Collection System	78510
Chute Gate Kit	78521
Deluxe Suspension Seat Kit	78530
Twin Bagger ASM	78531
Blower and Drive Kit	78536
Hitch Kit	99-8924

NOTES

