Form Number 3356-173 Rev A

Z453 Z Master®
With 48in TURBO FORCE® Side Discharge Mower

Model No. 74417 - 270000001 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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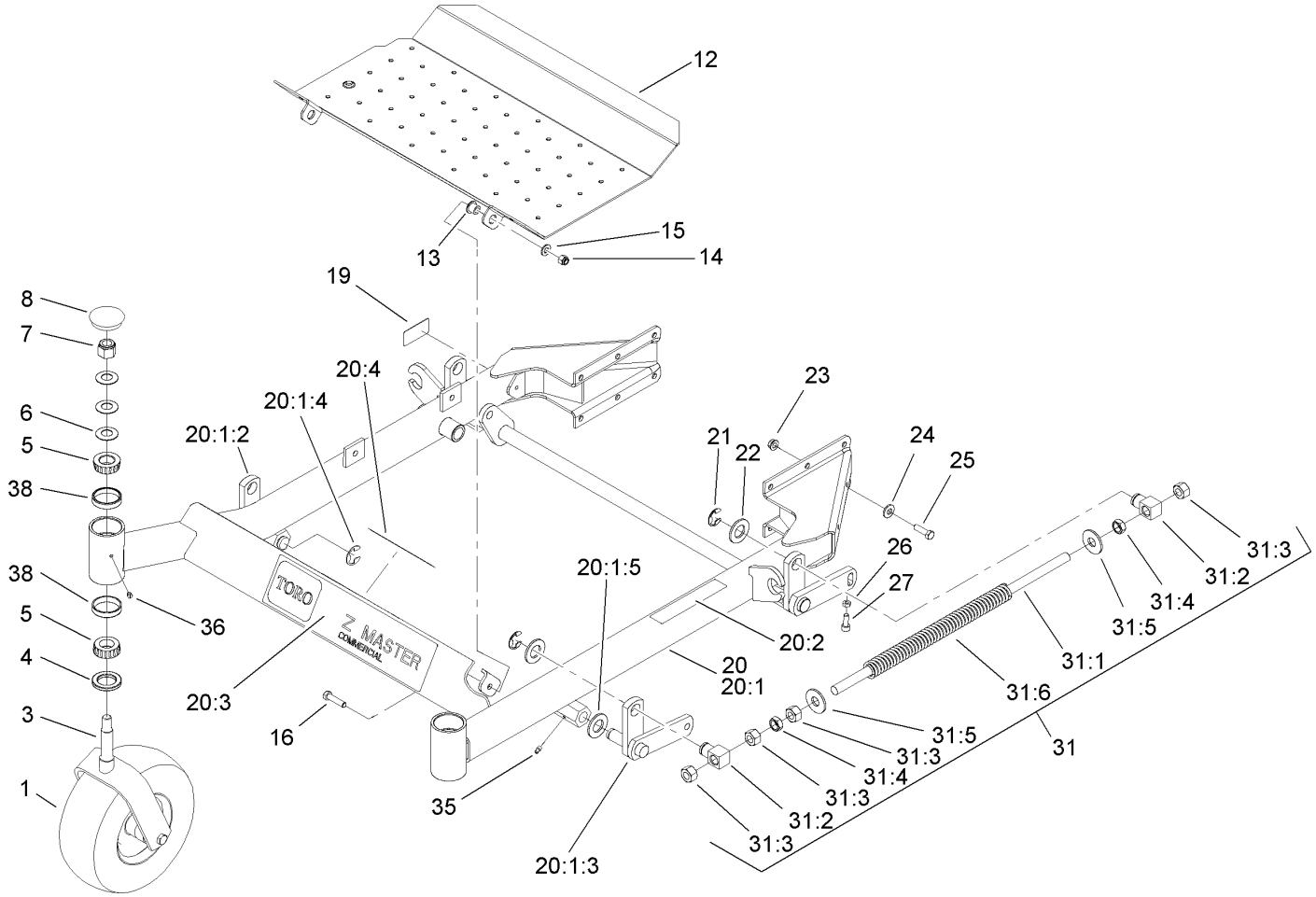
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

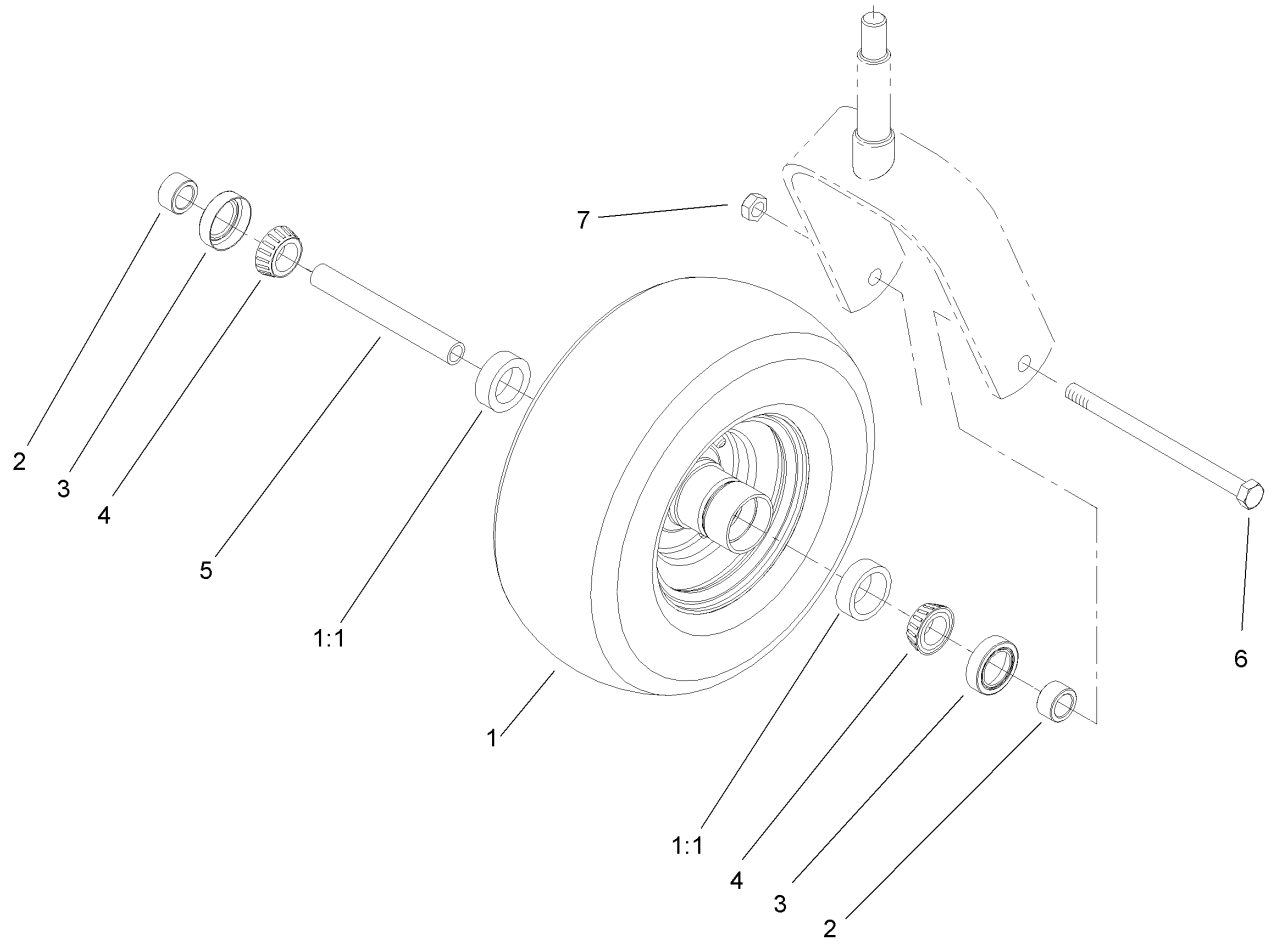
❶ Not serviced separately
❷ Obtain Parts From Kawasaki
❸ Optional Equipment



Front Frame Assembly

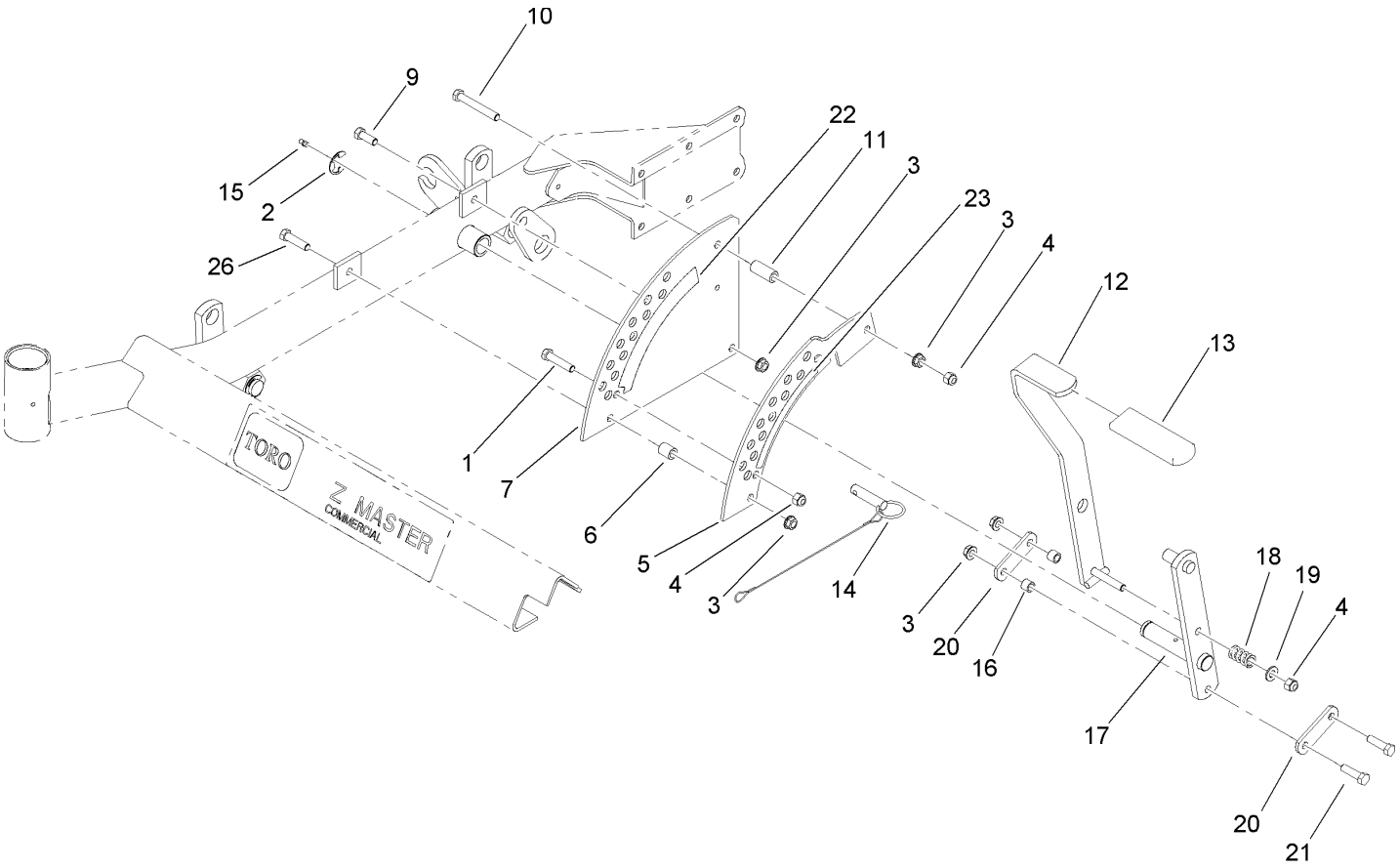
Ref	Part No.	Qty.	Description
1	110-5745	2	Semi Pnuematic Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Tapered
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	103-4882	2	Cap-Grease
12	108-5007-03	1	Floor Pan
13	86-2180	2	Bushing-Flange
14	3296-39	2	Nut-Lock, NI
15	3256-24	2	Washer-Flat
16	323-8	2	Screw-HH
19	108-5278	1	Decal
20	108-5022	1	Front Frame ASM
❶20:1		1	Frame-Front
20:1:2	99-3872-01	1	RH Lift Arm ASM
20:1:3	99-3871-01	1	LH Lift Arm ASM
20:1:4	32151-103	2	Ring-Snap
20:1:5	3256-29	2	Washer-Flat
20:2	1-633818	1	Decal-Warning
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

Ref	Part No.	Qty.	Description
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



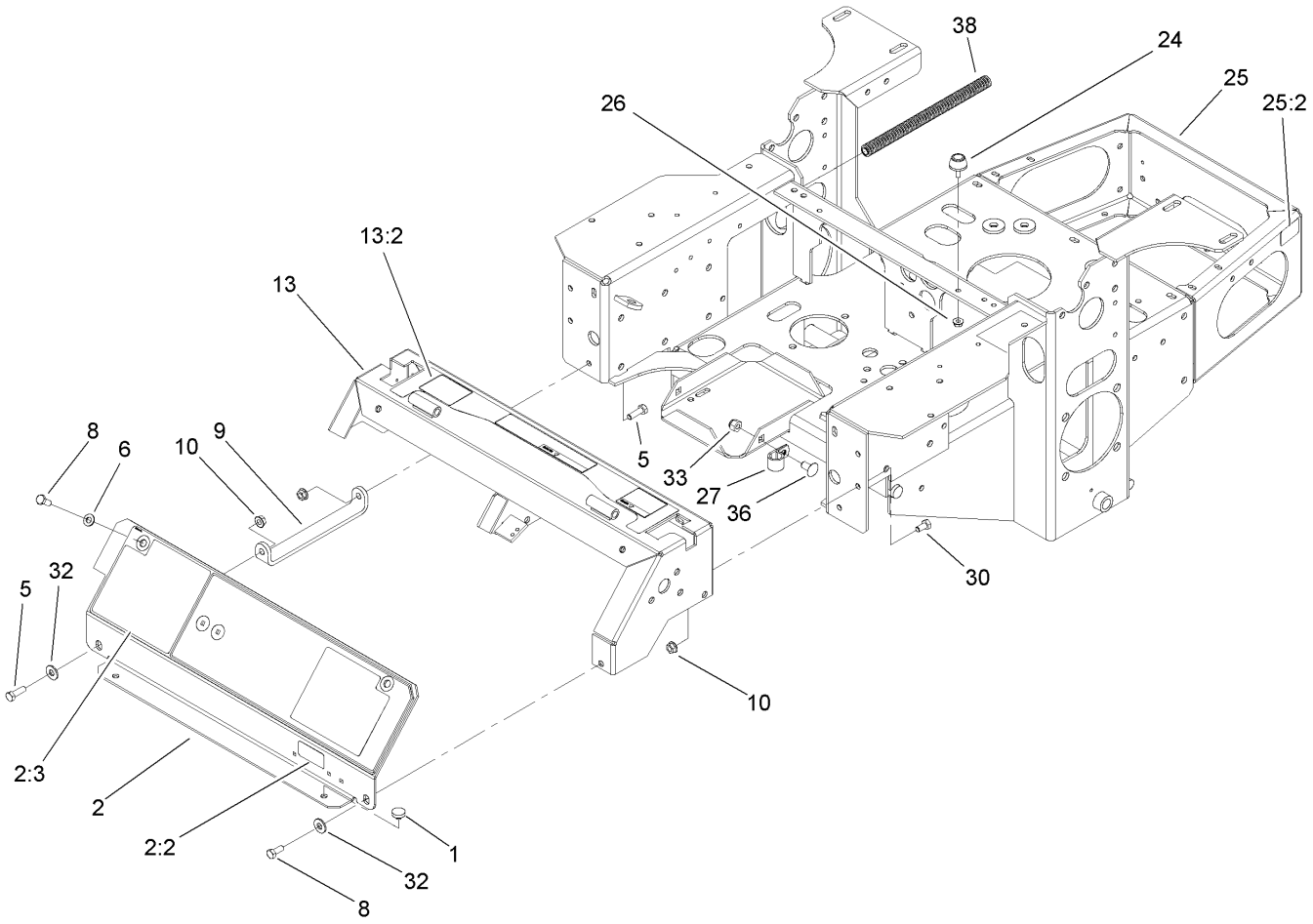
Caster Wheel Assembly No. 110-5745

Ref	Part No.	Qty.	Description
1	110-5743	1	Wheel And Tire ASM (Semi-Pneumatic)
1:1	1-633584	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



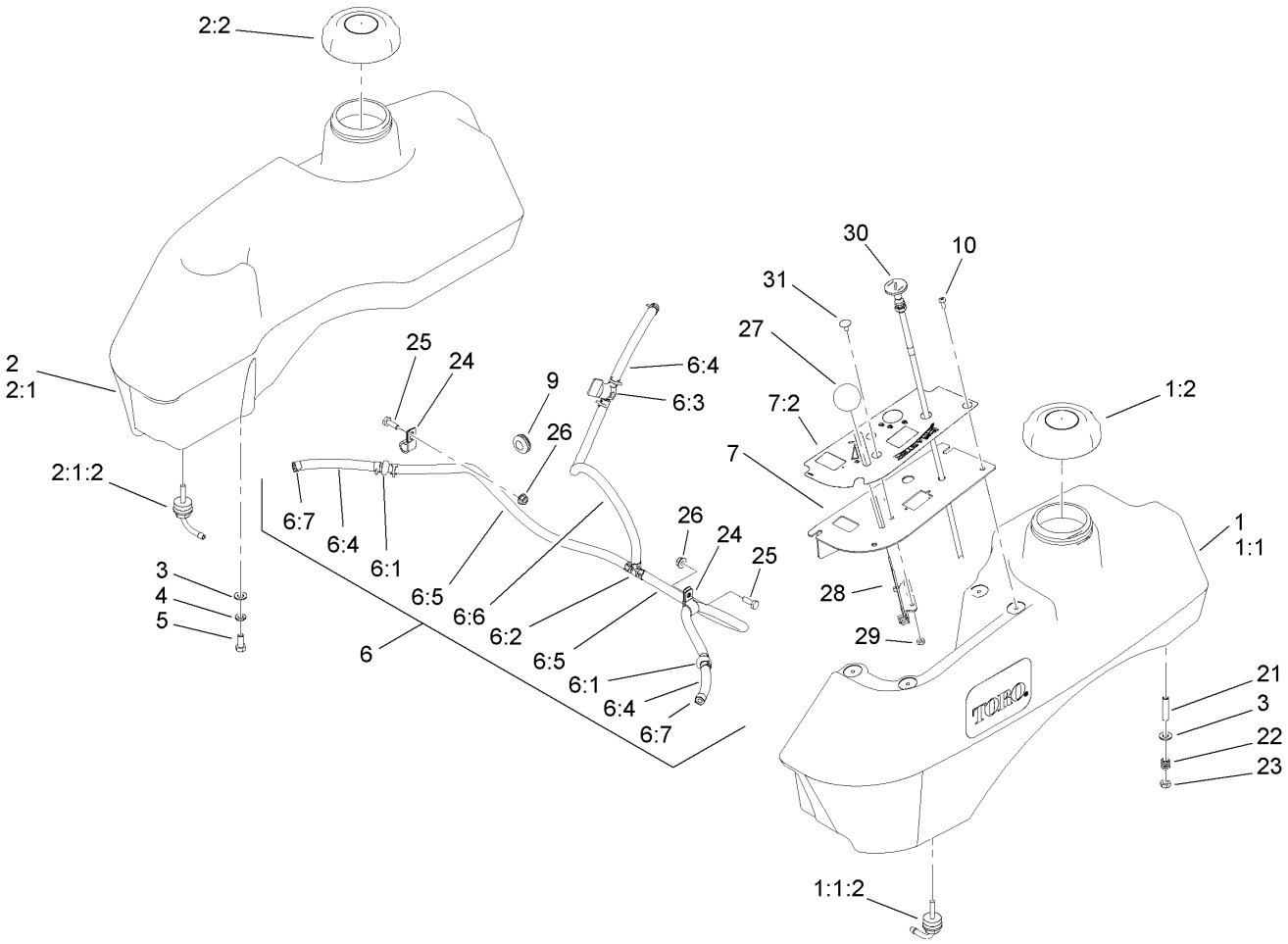
Height-of-Cut Assembly

Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	5	Nut-HHF, Whiz
4	3296-39	3	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	103-2078-03	1	Handle-Lift
13	1-633295	1	Grip-Lever, Lift
14	106-9951	1	Hitch Pin ASM
15	302-19	1	Fitting-Grease
16	103-1918	2	Bushing
17	106-6598-03	1	Lift Arm ASM
18	1-633325	1	Spring-Compression
19	3256-24	1	Washer-Flat
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
26	323-8	1	Screw-HH



Main Frame Assembly

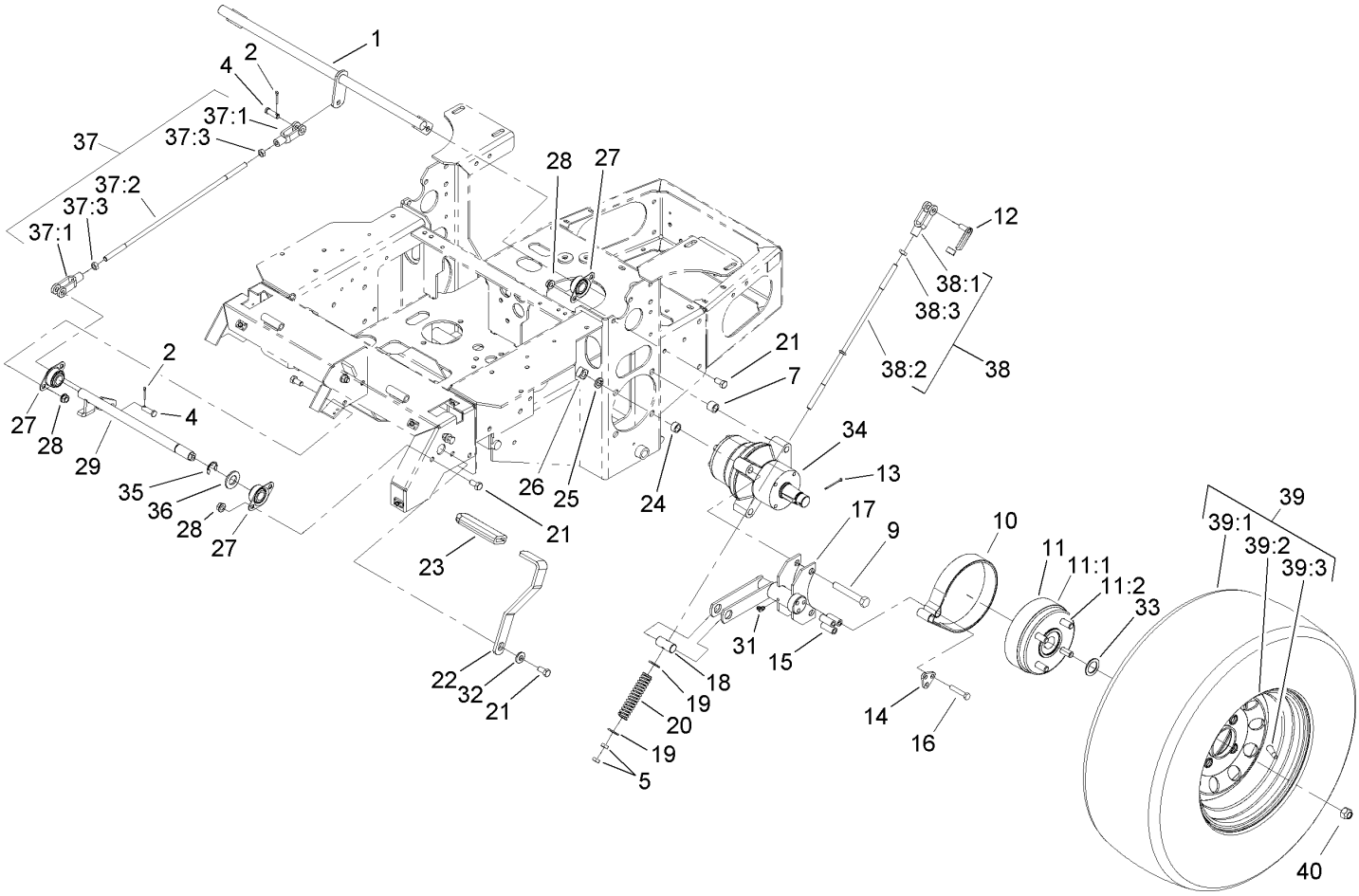
Ref	Part No.	Qty.	Description
1	1-513658	2	Bumper
2	108-1864	1	Panel ASM
2:2	98-4387	1	Decal-Protection, Ear
2:3	107-8445	1	Decal-Cover, Panel
5	322-5	2	Screw-HH
6	3256-23	2	Washer-Flat
8	322-3	3	Screw-HH
9	103-7935-03	1	Bracket-Panel, Instrument
10	32128-20	6	Nut-HF
13	108-5997	1	Console ASM
13:2	108-5995	1	Decal-Warning
24	109-2365	2	Bumper-Rubber (W/Stud)
25	108-2783	1	Main Frame ASM
25:2	65-2690	2	Decal-Surface, Hot
26	32128-33	2	Nut-HF
27	1-633396	1	Clip-Loom
30	322-2	4	Screw-HH
32	3256-3	2	Washer-Flat
33	3296-39	1	Nut-Lock, NI
36	3231-21	1	Screw-CARR
38	24-7922	2	Cover-Shaft, Drive



Fuel System Assembly

Ref	Part No.	Qty.	Description
1	110-4165	1	LH Fuel Tank Service Kit
❶1:1		1	LH Fuel Tank ASM
1:1:2	103-2605	1	Fitting-Fuel, Bulkhead
1:2	109-0346	1	Cap-Fuel, Gas
2	105-3639	1	RH Fuel Tank Service Kit
❶2:1		1	RH Fuel Tank ASM
2:1:2	103-2605	1	Fitting-Fuel, Bulkhead
2:2	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
❶6		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	1-803071	4	Screw

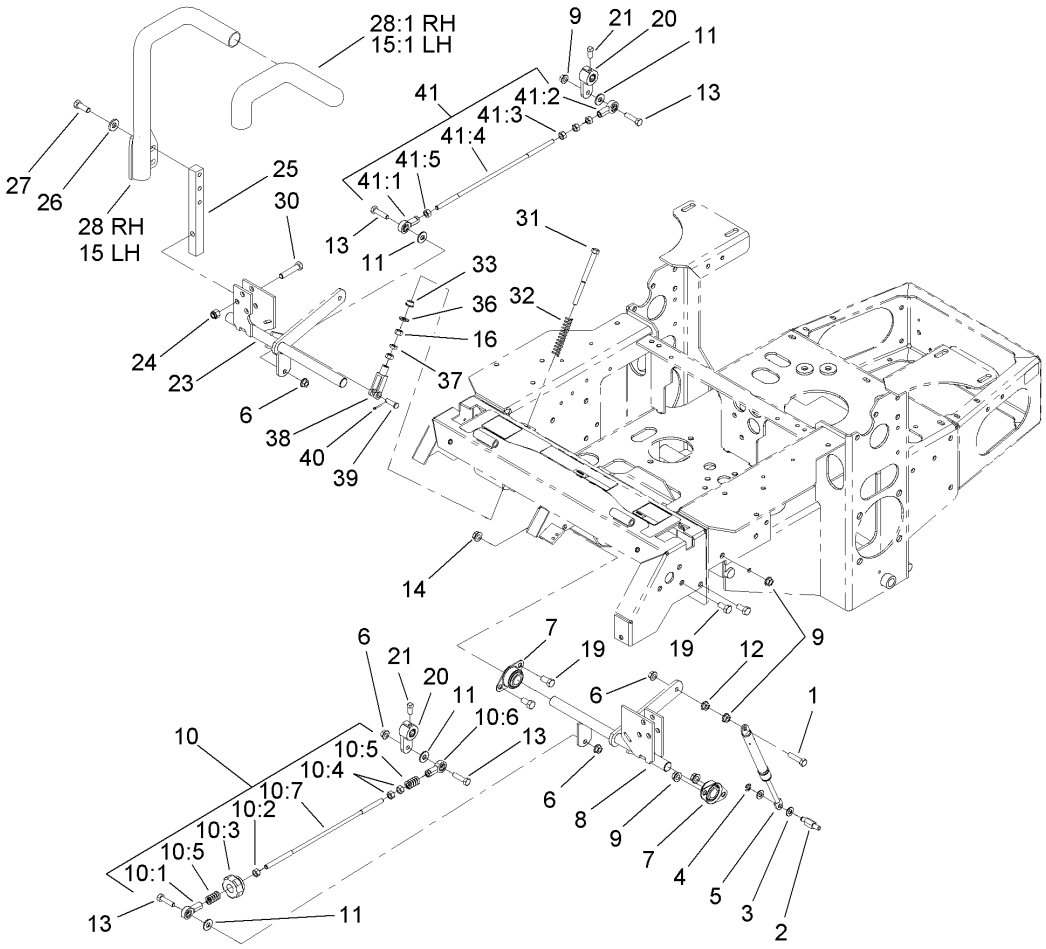
Ref	Part No.	Qty.	Description
21	1-633023	4	Stud
22	1-633349	4	Spring-Tank, Fuel
23	3296-47	4	Nut-Lock, NI
24	1-513762	2	Clip-Loom
25	321-4	2	Screw-HH
26	32128-33	2	Nut-HF
27	1-513592	1	Knob-Ball
28	1-633696	1	Throttle Cable ASM
29	3296-2	2	Nut-Lock
30	106-9962	1	Control-Choke, Push / Pull
31	1-807513	2	Bolt-CARR



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	1-652073-03	1	Crank-Brake, Park
2	3272-10	2	Pin-Cotter
4	1-808285	2	Pin-Clevis
5	3219-3	4	Nut-Hex
7	1-653068	4	Spacer-Wheel
9	325-13	8	Screw-HH
10	103-0355	2	Band-Brake
11	103-0590	2	Hub And Wheel ASM
11:1	103-0589	1	Wheel Hub ASM
11:2	1-633926	4	Stud-Wheel
12	103-2399	2	Pin-Spring, Clevis
13	1-806800	2	Pin-Cotter
14	103-0374	2	Retainer-Band, Brake
15	103-0384	6	Spacer
16	322-9	6	Screw-HH
17	103-0352-03	2	Bracket-Brake
18	1-633144	2	Pin-Trunion
19	3256-4	4	Washer-Flat
20	1-633454	2	Spring-Brake
21	323-4	9	Screw-HH
22	1-653074-03	1	Handle-Brake, Park
23	1-633268	1	Grip-Lever, Brake
24	1-653069	4	Spacer-Wheel
25	3253-7	8	Washer-Lock

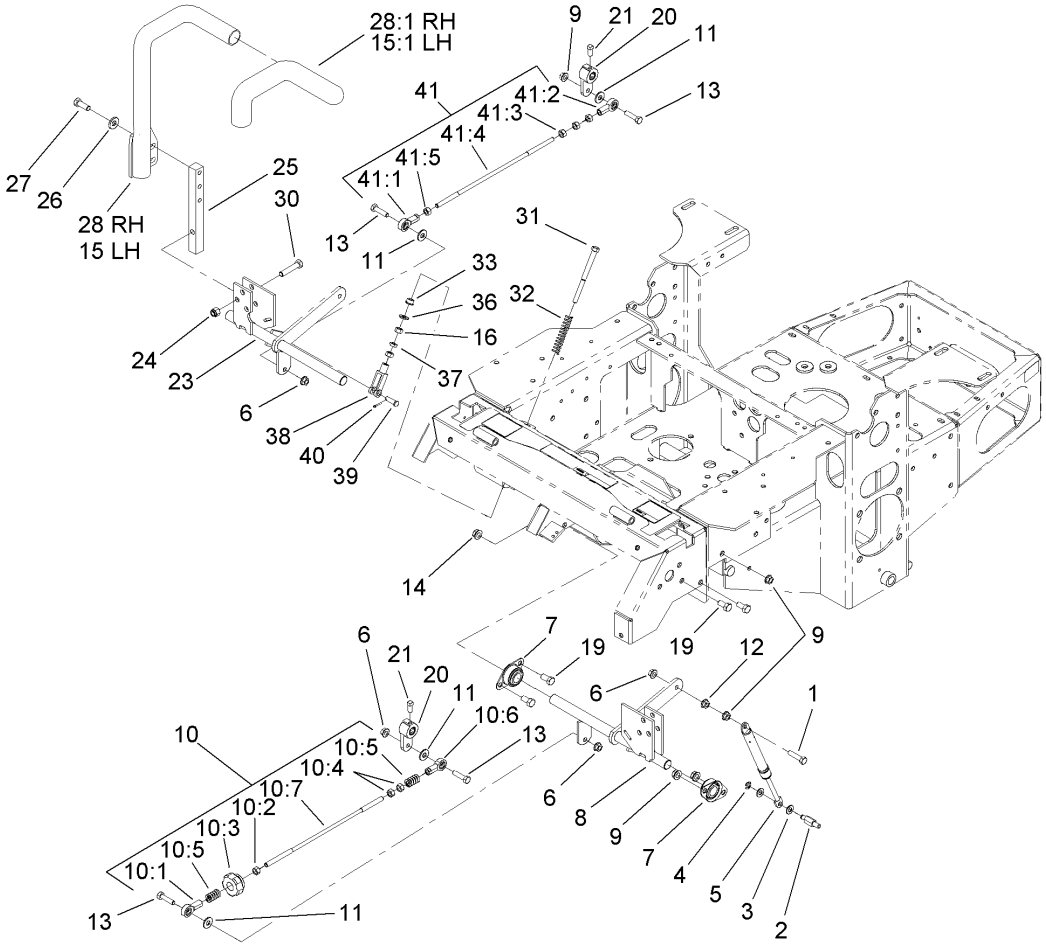
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF, Whiz
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer, 14 GA
34	103-5333	2	Motor-Wheel
35	32151-48	1	E-Ring
36	3256-28	1	Washer-Flat
37	103-4328	1	Brake Rod ASM
37:1	1-633131	2	Yoke-Linkage, Brake
37:2	1-653061	1	Linkage-Handle, Brake
37:3	3219-3	2	Nut-Hex
38	103-4329	2	Brake Rod ASM
38:1	1-633131	1	Yoke-Linkage, Brake
38:2	103-0356	1	Rod-Brake
38:3	3219-3	1	Nut-Hex
39	1-653159	2	Wheel And Tire ASM
39:1	1-653160	1	Tire
39:2	1-653161	1	Wheel
39:3	232-27	1	Stem-Valve
40	242-50	8	Nut-Lug



Motion Control Assembly

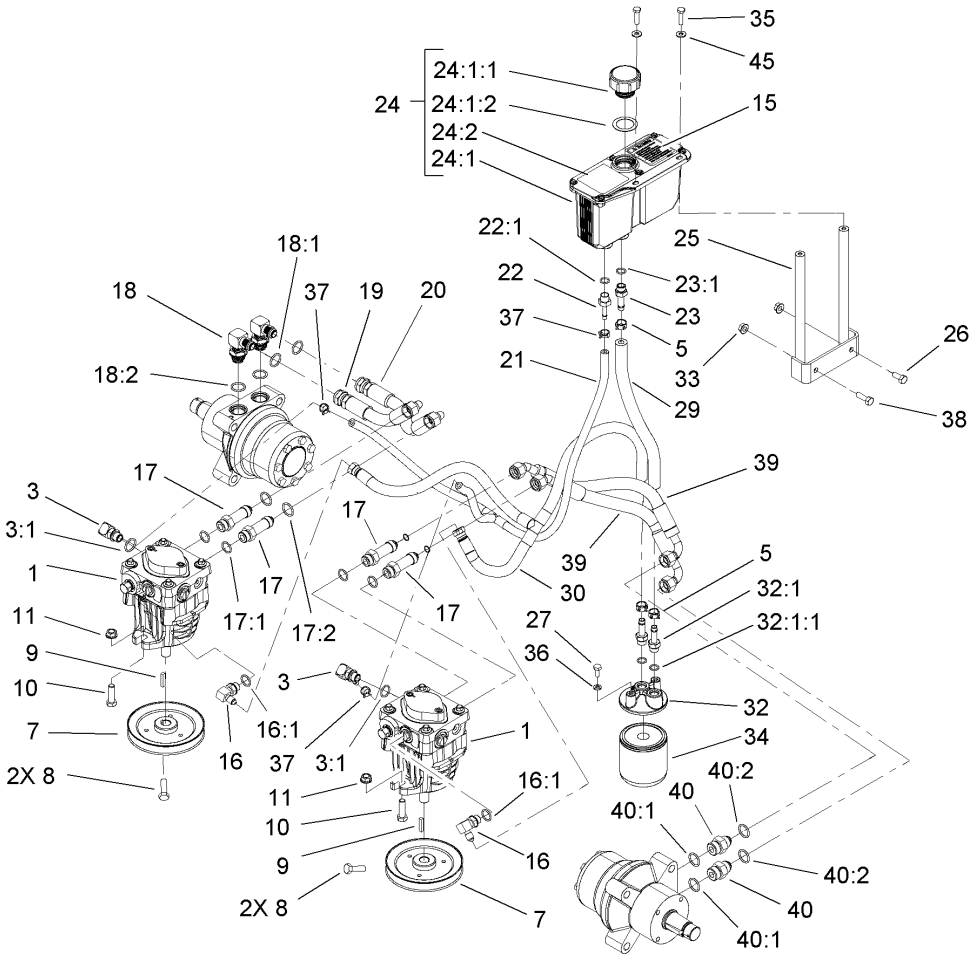
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	103-4101	2	Pin-Damper
3	3256-23	4	Washer-Flat
4	32120-35	2	E-Ring
5	109-2339	2	Damper-Control, Motion
6	3296-29	6	Nut-Lock, NI
7	1-633102	4	Bearing-Flange, Side
8	103-4774	1	Control-Motion, LH
9	32128-20	8	Nut-HF
10	103-4326	1	Tracking Rod ASM
10:1	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-Thread, 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
16	3219-2	4	Nut-Hex

Ref	Part No.	Qty.	Description
19	323-4	6	Screw-HH
20	103-3717	2	Arm-Control
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
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
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, Neutral
32	1-603807	2	Spring-Return, Neutral
33	1-603735	2	Bushing-Flanged
36	3256-2	2	Washer-Flat
37	3220-2	2	Nut-Jam
38	1-303105	2	Yoke-Adjustable
39	1-808280	2	Pin-Clevis
40	3272-5	2	Pin-Cotter
41	103-4327	1	Tracking ASM
41:1	1-543017	1	Balljoint-RH
41:2	1-633152	1	Balljoint-Thread, LH
41:3	1-804524	1	Nut
41:4	103-3066	1	Link-Rod, Tracking



Motion Control Assembly (continued)

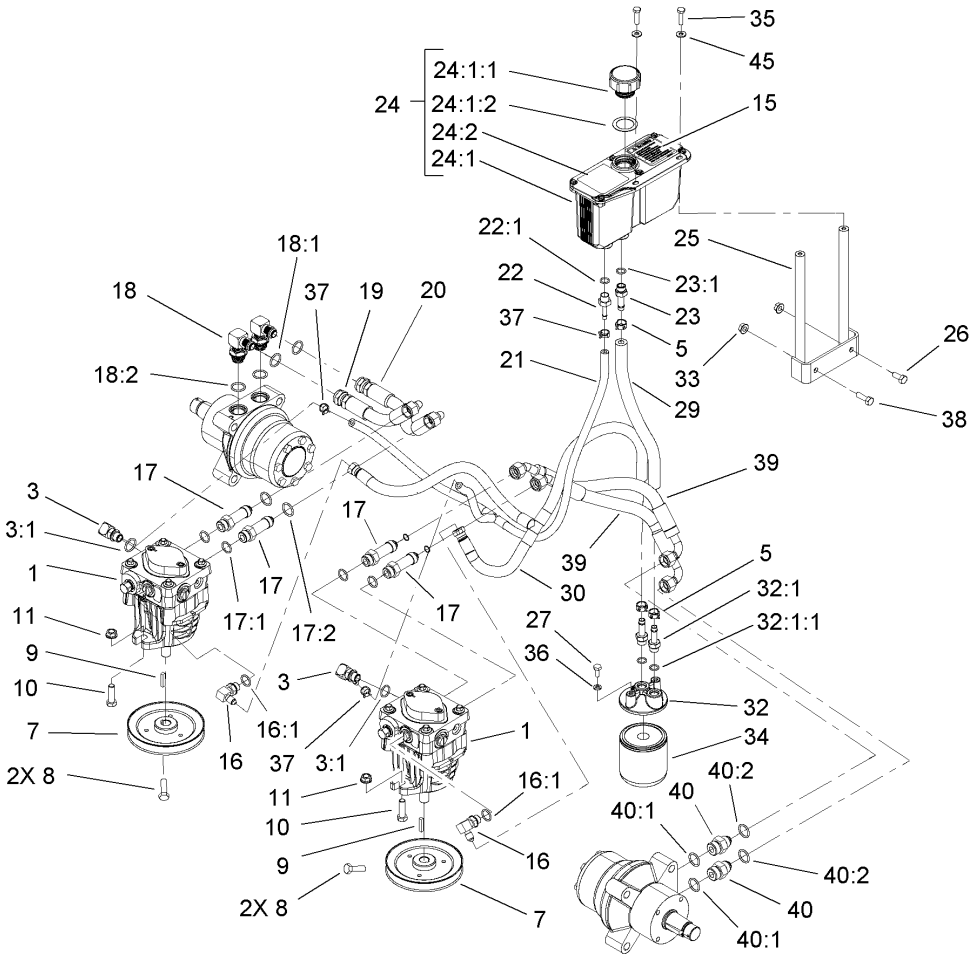
Ref	Part No.	Qty.	Description
41:5	3219-2	3	Nut-Hex



Hydraulic System Assembly

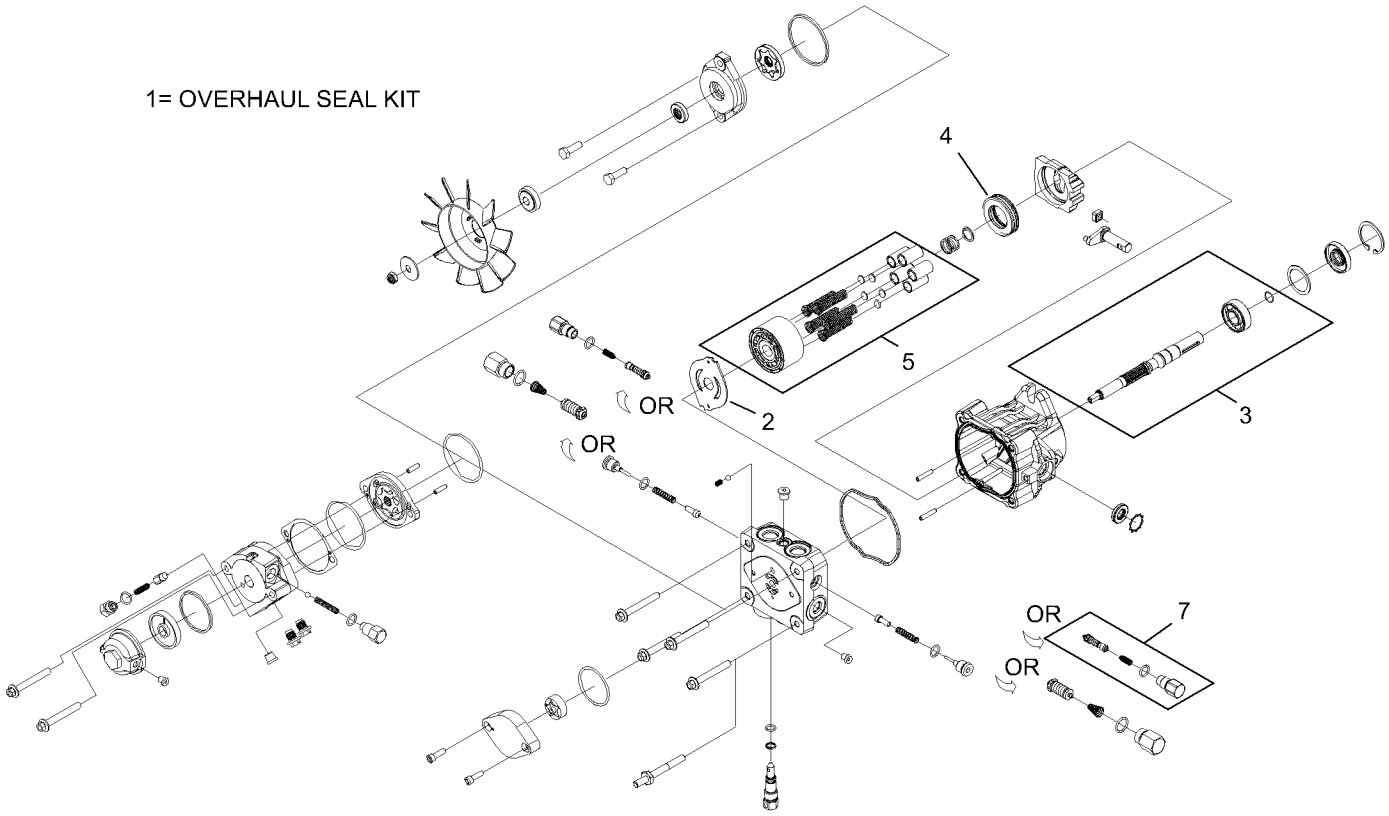
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF, Whiz
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-HYD, 90 DEG
16:1	1-603921	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
❶24:1		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



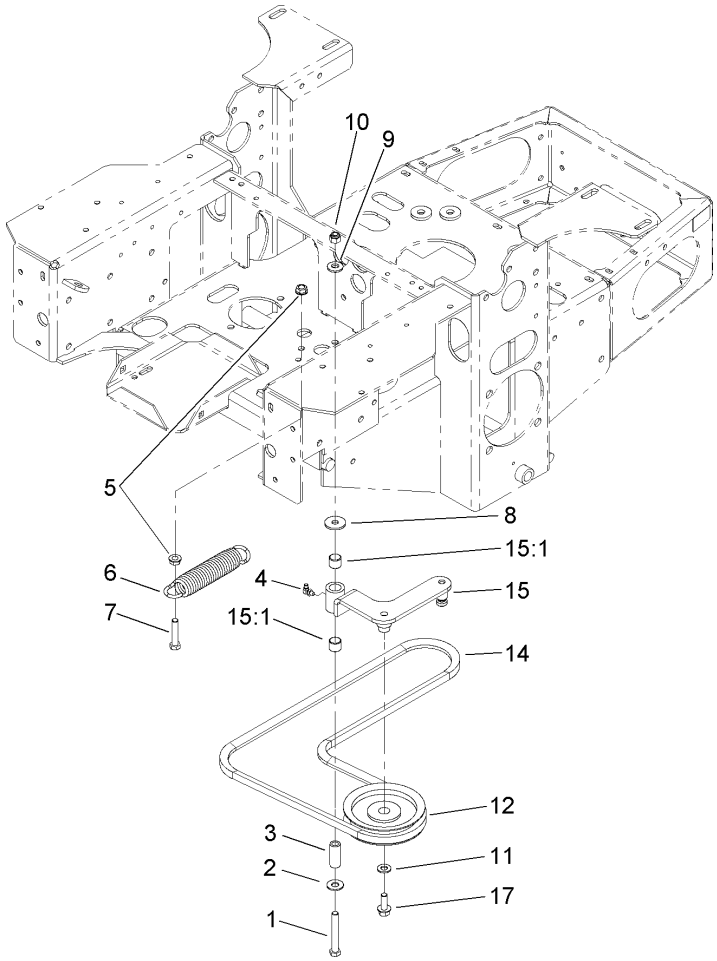
Hydraulic System Assembly (continued)

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



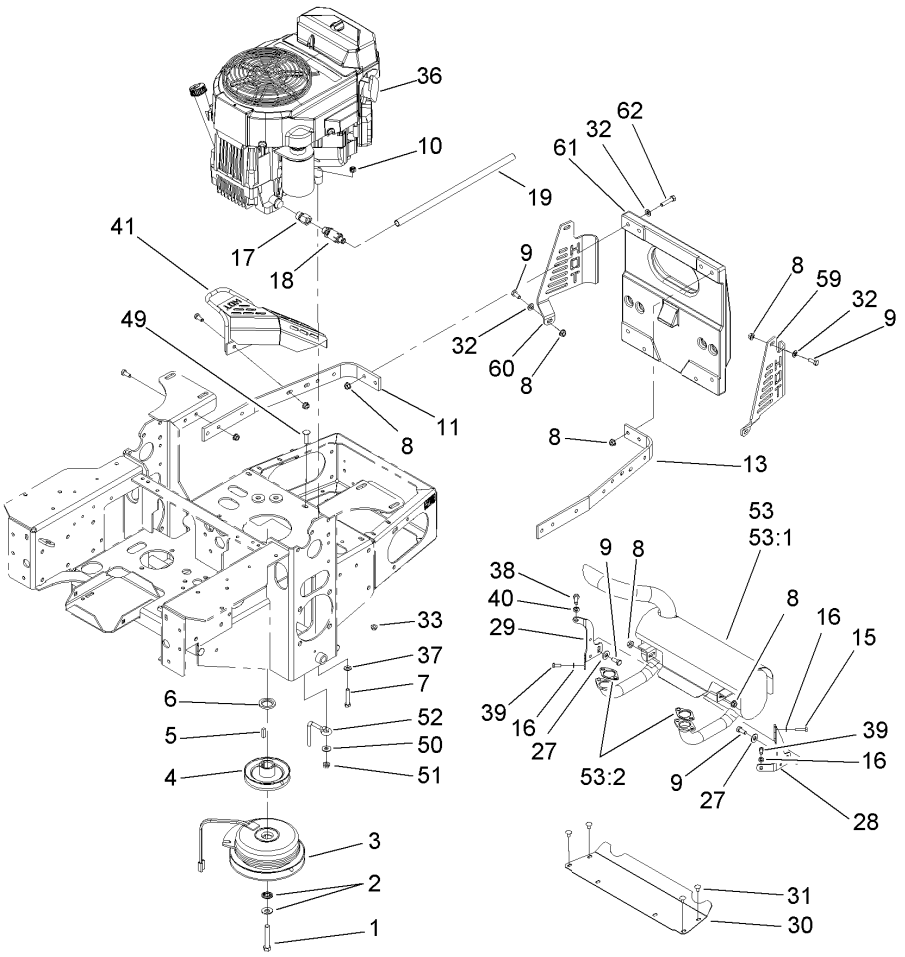
Hydraulic Pump Assembly No. 103-1942

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

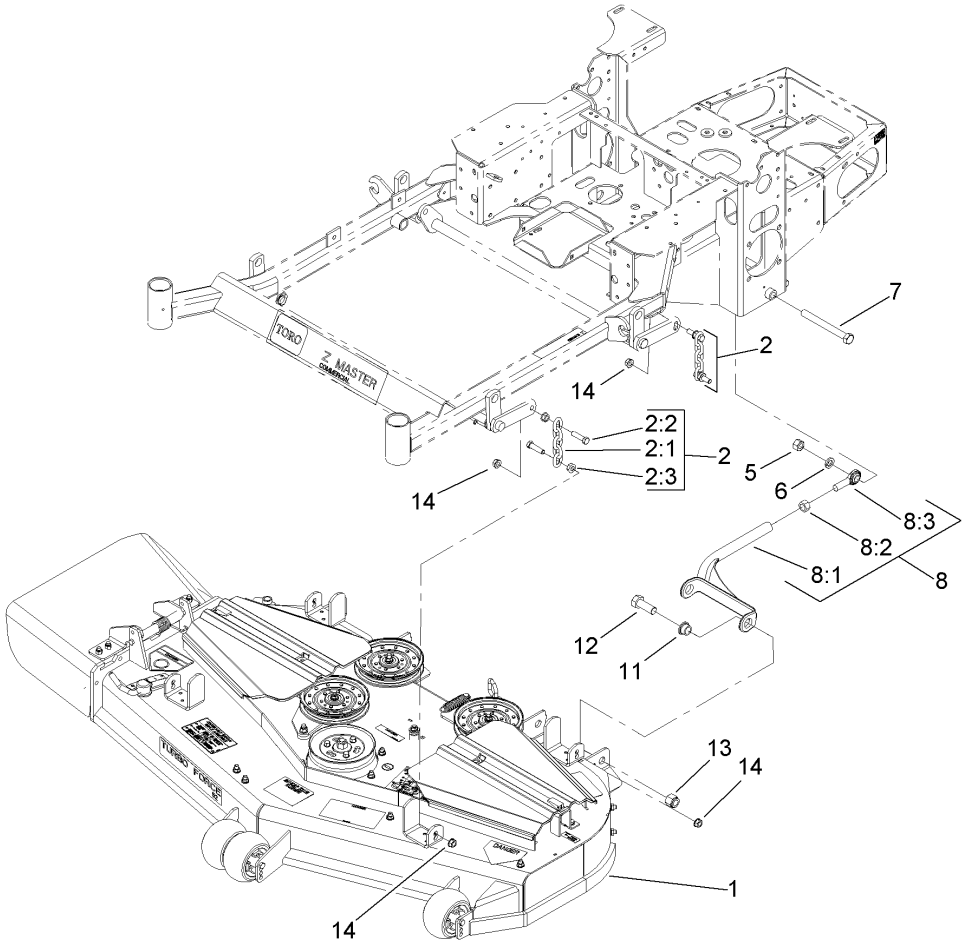
Ref	Part No.	Qty.	Description
1	323-13	1	Screw-HH
2	3256-4	1	Washer-Flat
3	1-603044	1	Bushing
4	302-40	1	Fitting-Grease
5	3290-357	2	Nut-HHF, Whiz
6	103-4480	1	Spring-Extension
7	323-9	1	Screw-HH
8	63-8410	1	Washer
9	98-5975	1	Washer-Belleville
10	3296-39	1	Nut-Lock, NI
11	3256-24	1	Washer-Flat
12	1-603843	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

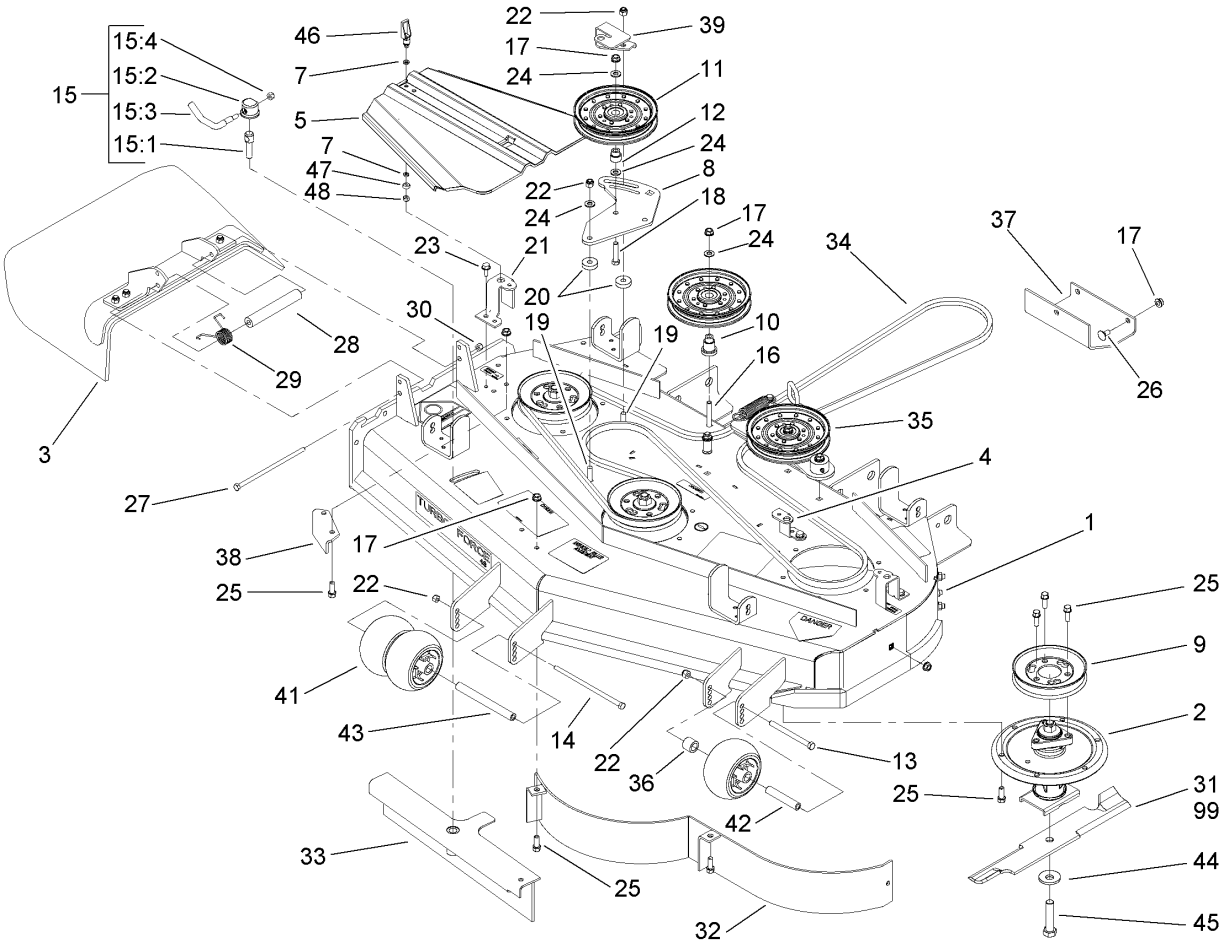
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	109-2916	1	Clutch, Warner Electric
4	103-3913	1	Pulley
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	15	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH
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
❶❷36		1	Engine-Kawasaki, FH680V-As21
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
❶53:1		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

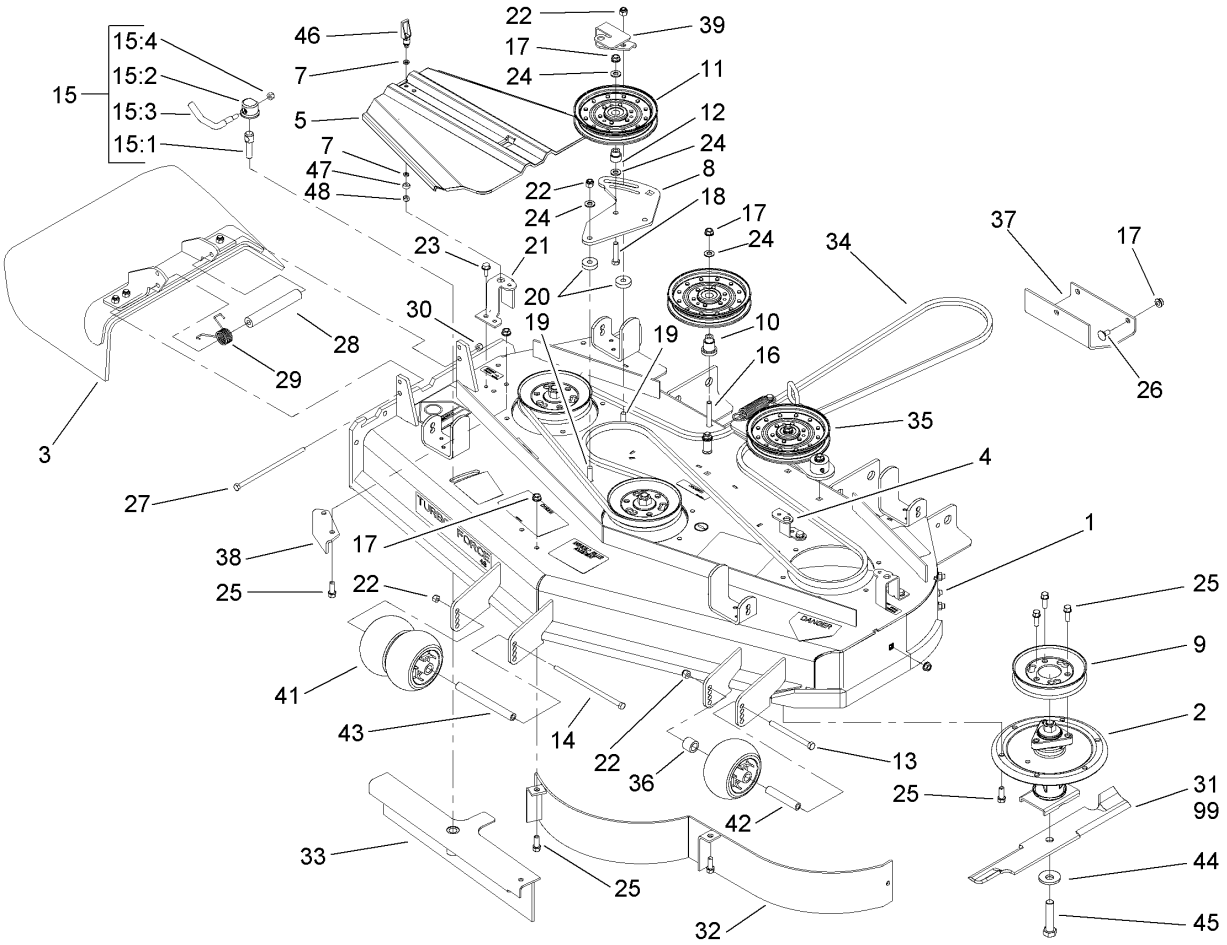
Ref	Part No.	Qty.	Description
1	107-3190	1	Deck ASM
2	103-9792	4	Deck Chain ASM
2:1	1-633447	1	Chain-Lift, Deck
2:2	103-1898	2	Screw-HH
2:3	32128-37	2	Nut-HF
5	3217-11	2	Nut-Hex
6	3253-8	2	Washer-Lock
7	1-800344	2	Screw
8	108-7768	2	Strut ASM
8:1	108-7753-03	1	Strut-Deck, Machined
8:2	3219-6	1	Nut-Hex
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 No. 107-3190

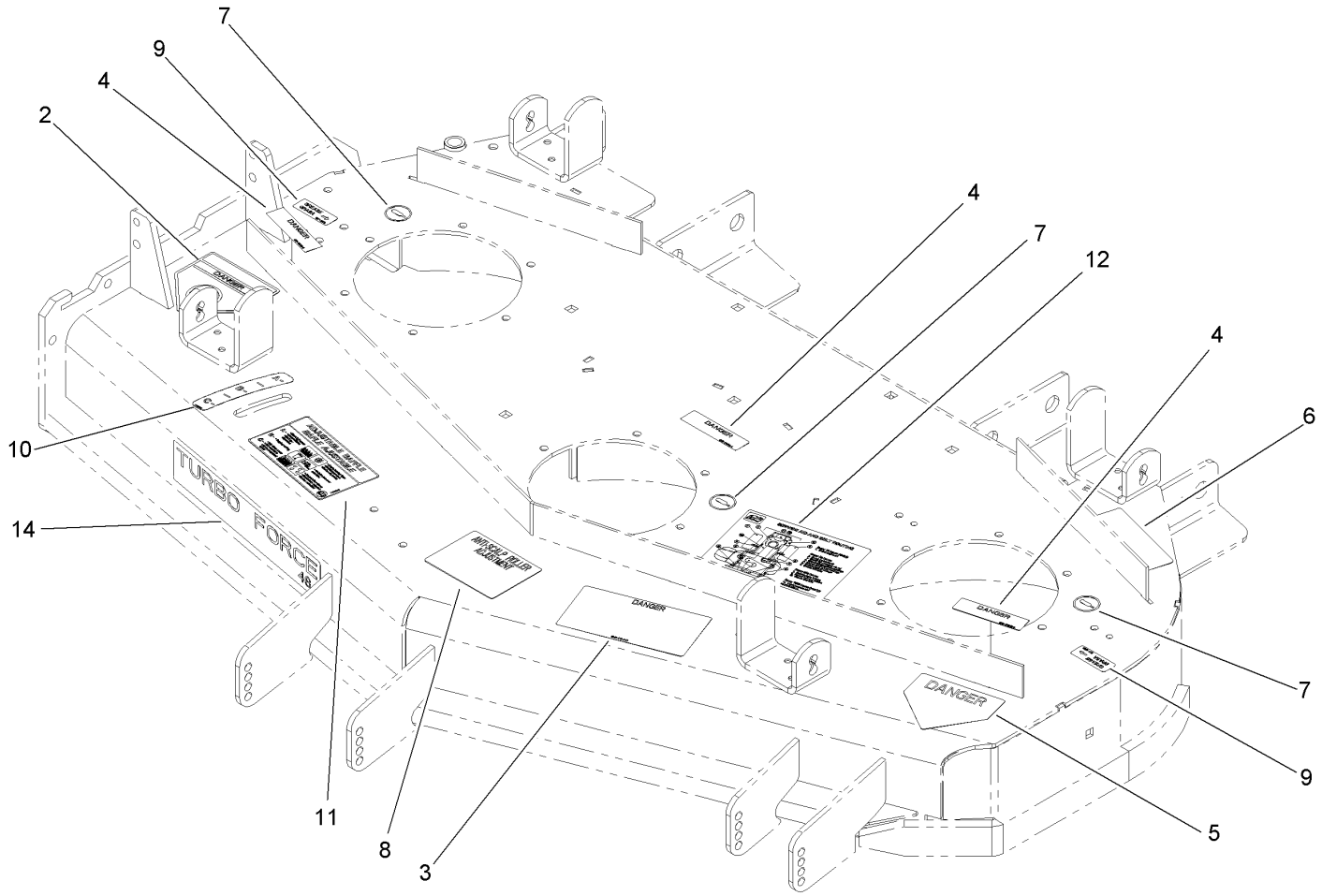
Ref	Part No.	Qty.	Description
1	107-8515	1	Deck ASM
2	107-8504	3	Spindle ASM
3	108-2792	1	Rubber Deflector ASM
4	108-2177-01	1	Bracket-Cover, Tall
5	107-8536	2	Cover-Belt
7	99-3058	2	Washer
8	107-8516-01	1	Plate-Idler
9	107-1684	3	Pulley
10	106-3214	1	Mount-Pulley
11	1-633109	2	Idler-Flat
12	1-603496	1	Bushing-Idler
13	323-23	1	Screw-HH
14	323-28	1	Screw-HH
15	107-1664	1	Lever ASM
15:1	106-3239	1	Screw-Lock
15:2	107-1644	1	Cap-Lock
15:3	106-3241	1	Lever-Lock
15:4	3296-29	1	Nut-Lock, NI
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	108-4121-01	2	Bracket-Cover

Ref	Part No.	Qty.	Description
22	3296-39	4	Nut-Lock, NI
23	32144-70	3	Screw-HWHTF
24	3256-24	4	Washer-Flat
25	92-1624	32	Screw
26	3231-1	7	Screw-CARR
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-Rotary, 16.5 Inch (High Flow)
32	107-8510-01	1	Baffle ASM
33	107-8506-01	1	Baffle ASM
34	106-7369	1	Belt-V
❶35		1	Spring Idler ASM
36	98-7913	1	Tube-Spacer
37	107-3166-01	1	Skid
38	107-8541-01	1	Baffle-Discharge
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



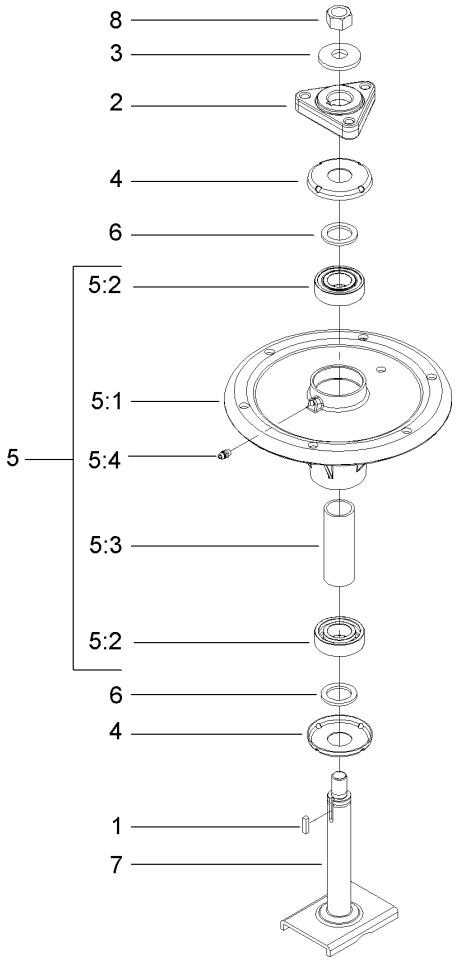
Deck Assembly No. 107-3190 (continued)

Ref	Part No.	Qty.	Description
46	106-6777	2	Handle-Latch, Swell
47	106-6778	2	Bushing-Latch, Swell
48	1-804254	2	Nut
❸99	107-3193-03	3	Blade-Rotary, 16.5 Inch Low Flow
❸99	107-3194-03	3	Blade-Rotary, 16.5 Inch Med Flow
❸99	107-3195-03	3	Blade-Rotary, 16.5 Inch Atomic
❸99	107-3196-03	3	Blade-Rotary, 16.5 Inch Recycling



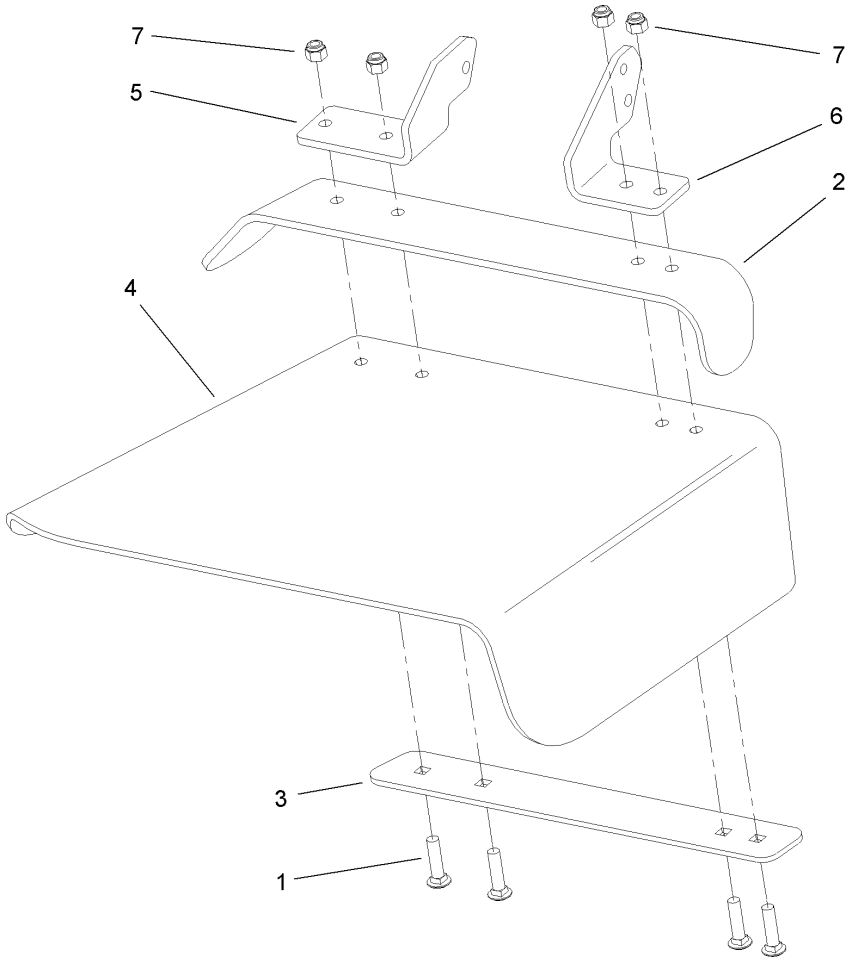
Deck Decal Assembly No. 107-8515

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



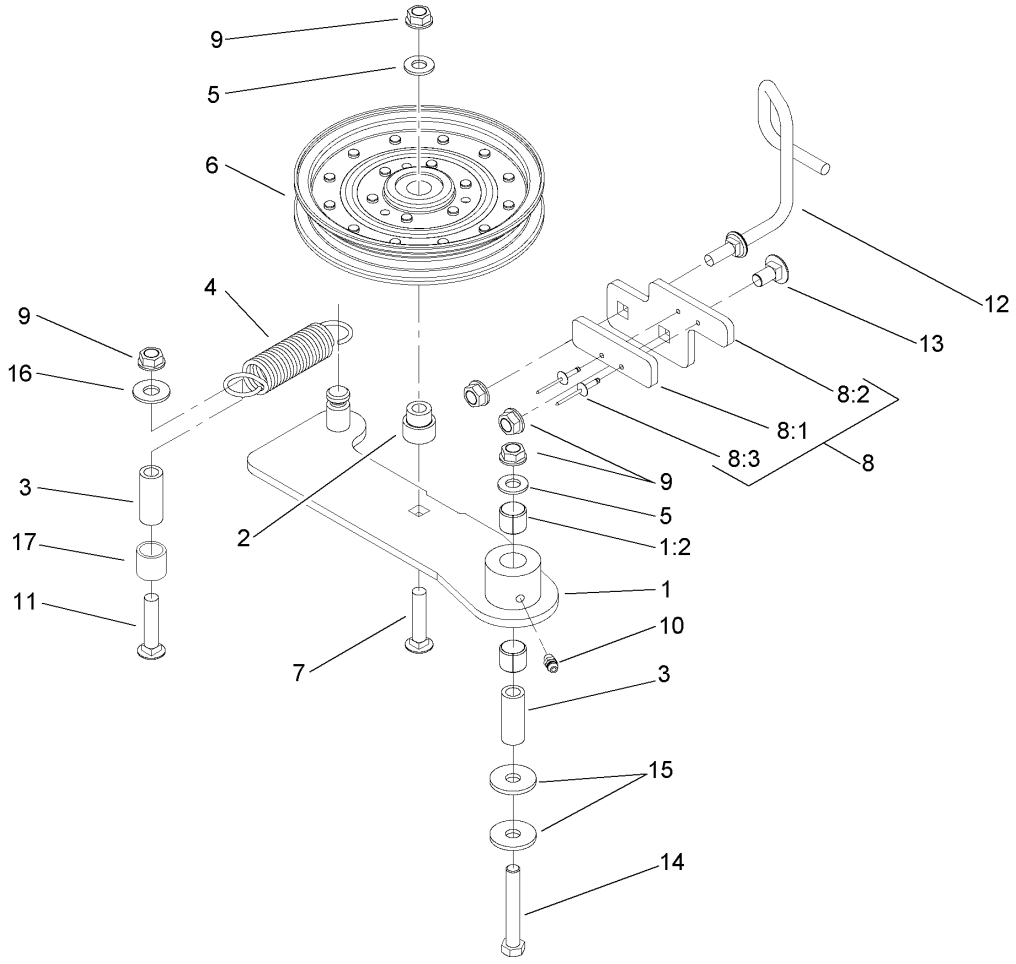
Spindle Assembly No. 107-8504

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
❶5		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



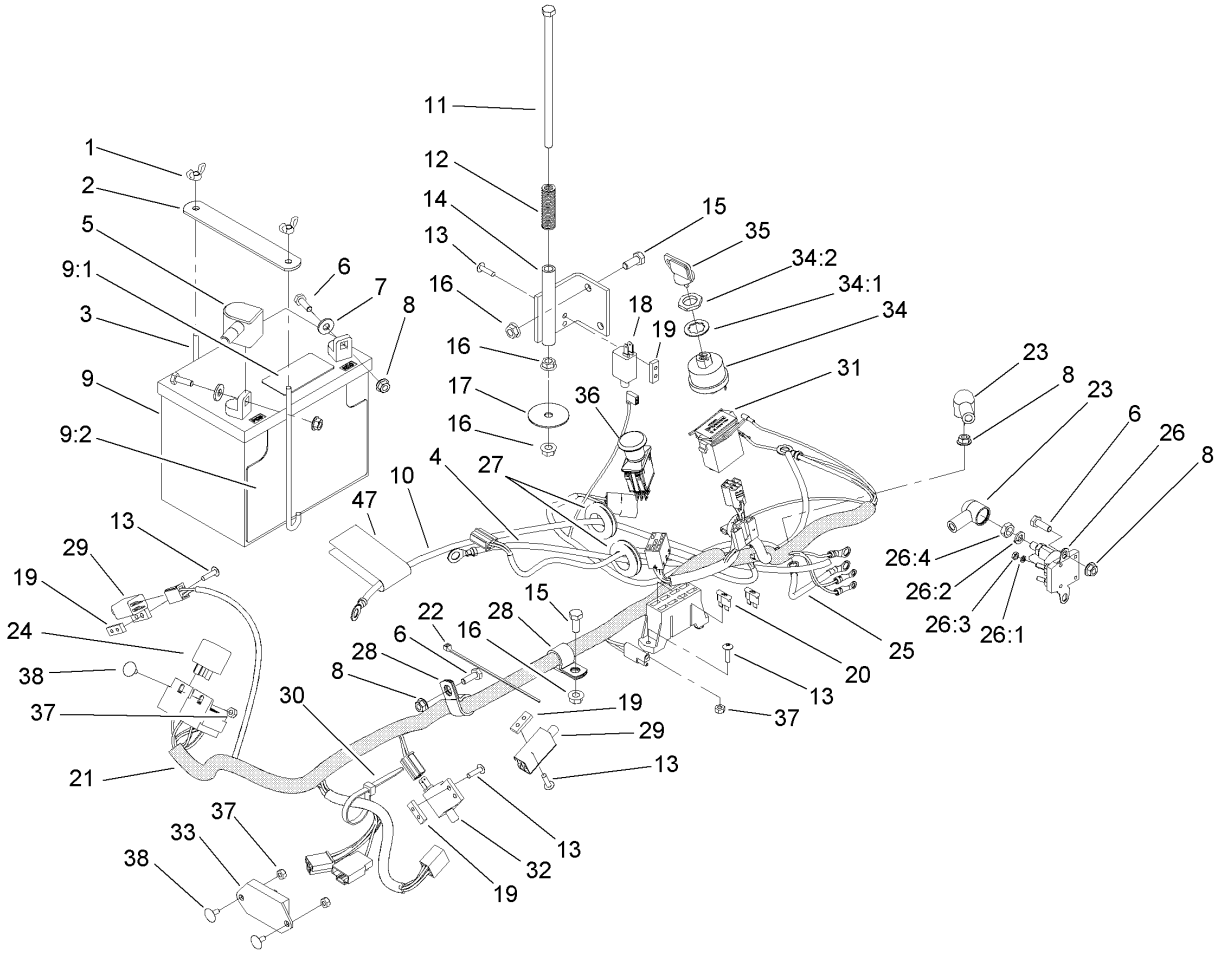
Rubber Deflector Assembly No. 108-2792

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



Idler Assembly

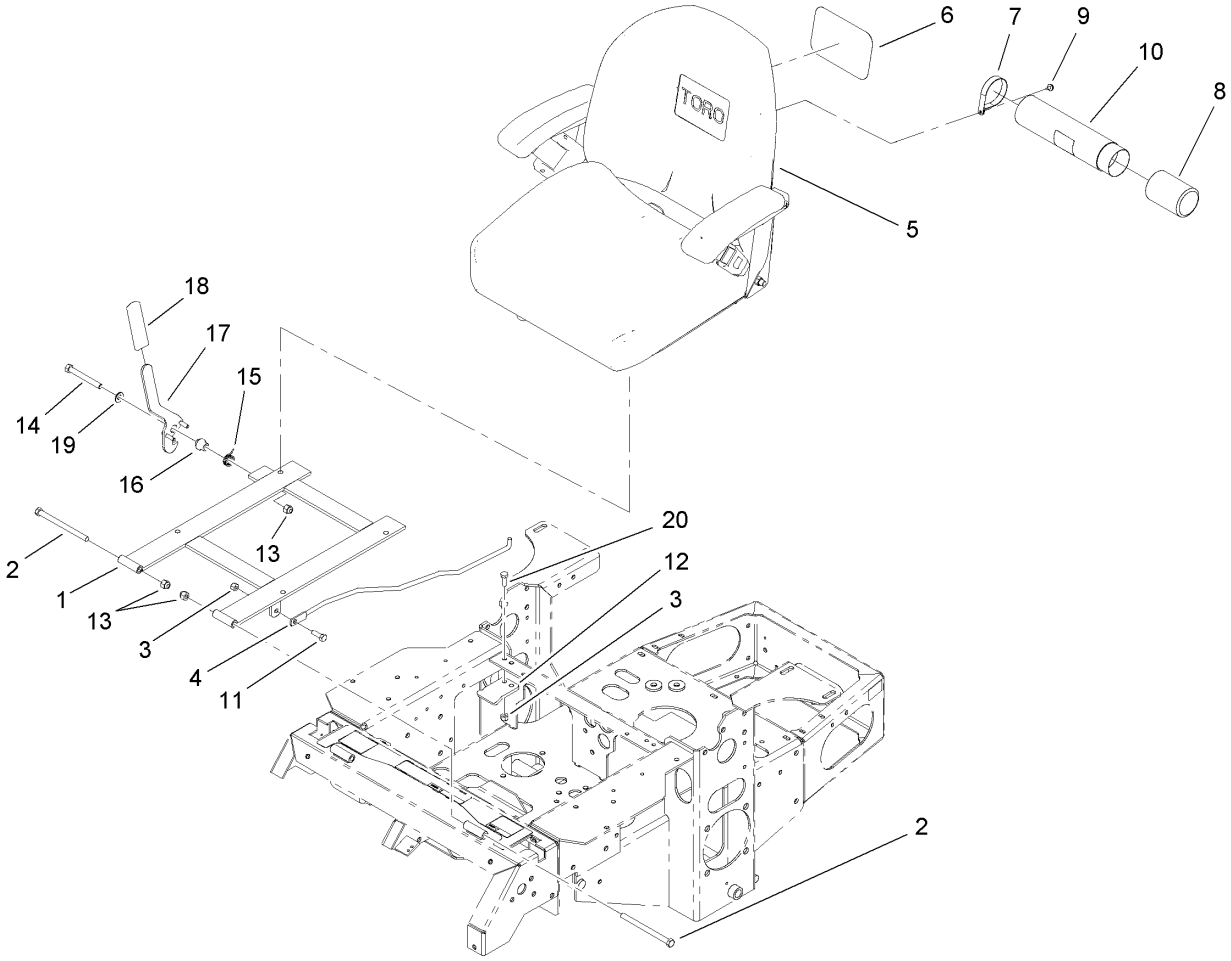
Ref	Part No.	Qty.	Description
1	108-4062	1	Idler Arm ASM
1:2	103-4681	2	Sleeve-Bearing
2	1-603496	1	Bushing-Idler
3	1-603044	2	Bushing
4	108-4056	1	Spring-Extension
5	3256-24	2	Washer-Flat
6	1-633109	1	Idler-Flat
7	3231-6	1	Screw-CARR
❶8		1	Stop Pad ASM
8:1	106-3229	1	Pad-Bumper
8:2	107-1697-01	1	Plate-Stop
8:3	3269-24	2	Rivet
9	3290-357	5	Nut-HHF, Whiz
10	302-5	1	Fitting-Grease
11	3231-31	1	Screw-CARR
12	108-4072	1	Guide-Belt
13	3231-1	1	Screw-CARR
14	323-12	1	Screw-HH
15	2844	2	Washer
16	3256-4	1	Washer-Flat
17	108-4063	1	Spacer-Rubber



Electrical System Assembly

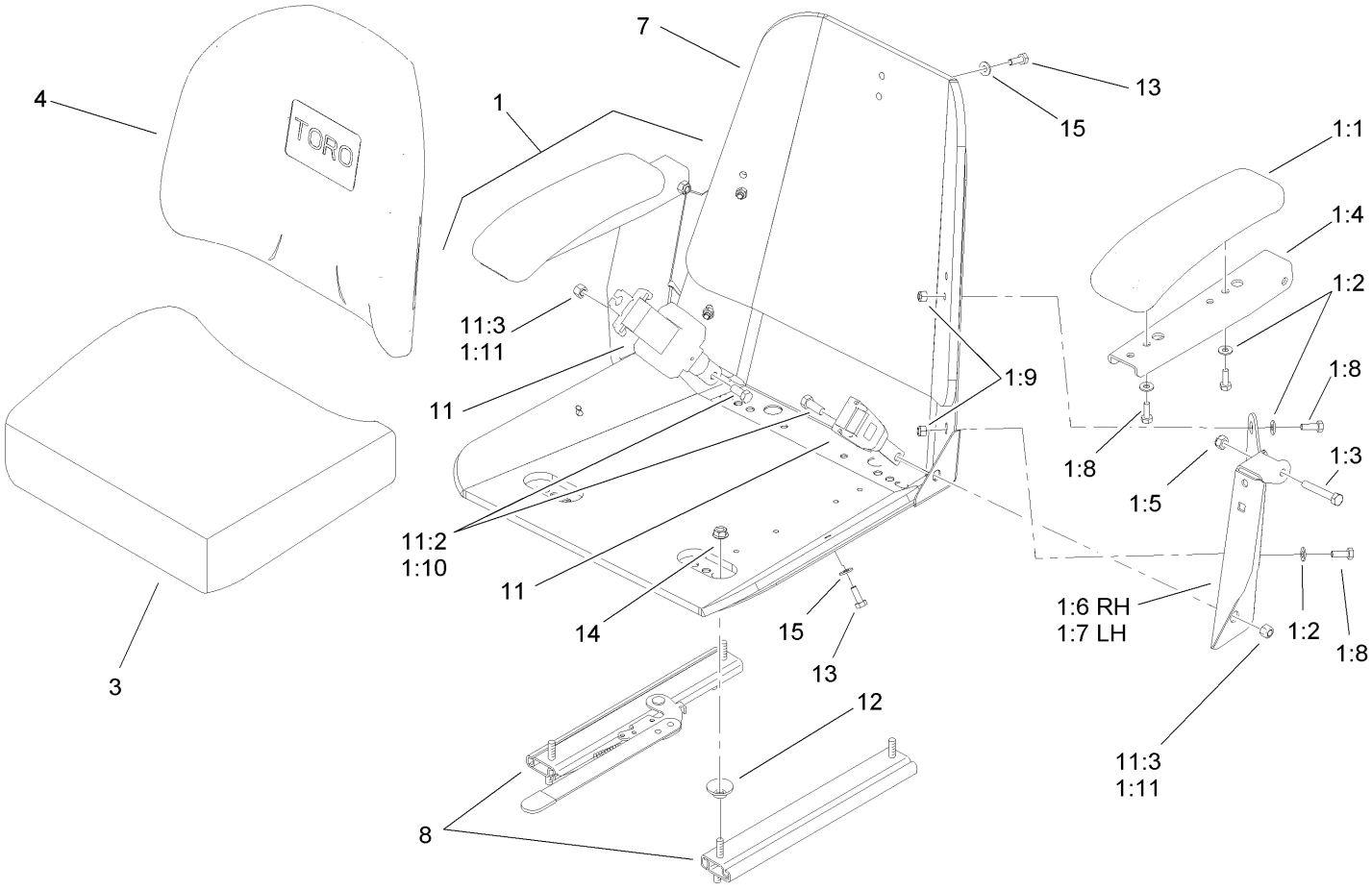
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	107-9277-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	5	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	6	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	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	3219-4	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	103-0206	1	Switch-Starting, Key
34:1	3254-5	1	Washer-Tooth
34:2	218-461	1	Nut-HH
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



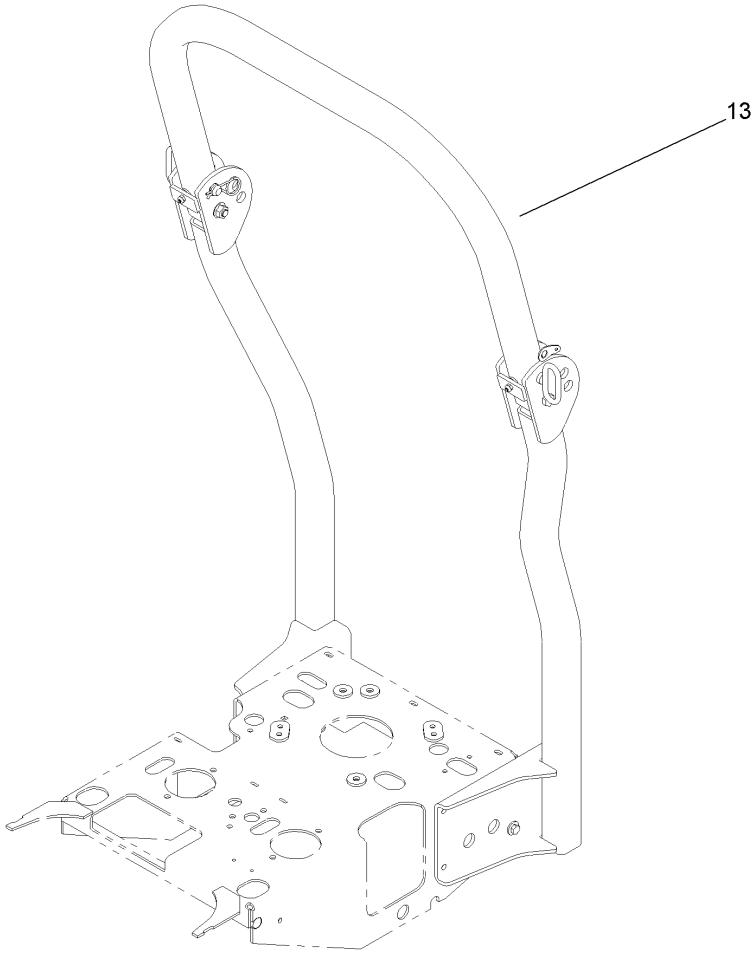
Seat and Bracket Assembly

Ref	Part No.	Qty.	Description
1	107-3052-03	1	Seat Support Frame ASM
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	3	Nut-Lock, NI
14	323-20	1	Screw-HH
15	107-0076	1	Spring-Torsion
16	107-0075	1	Bushing-Latch, Seat
17	107-3083	1	Latch ASM
18	103-4434	1	Grip-Lever
19	3256-24	1	Washer-Flat
20	322-4	2	Screw-HH



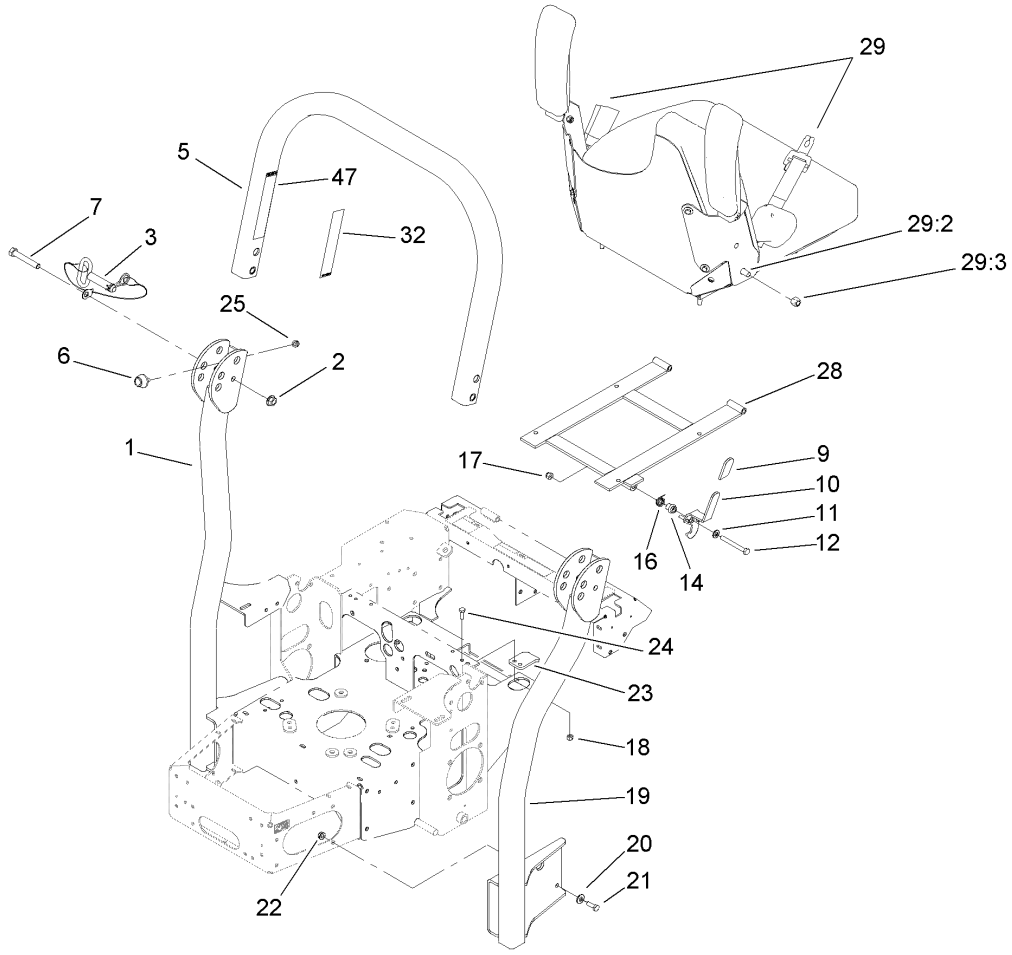
Seat Assembly No. 110-0446

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

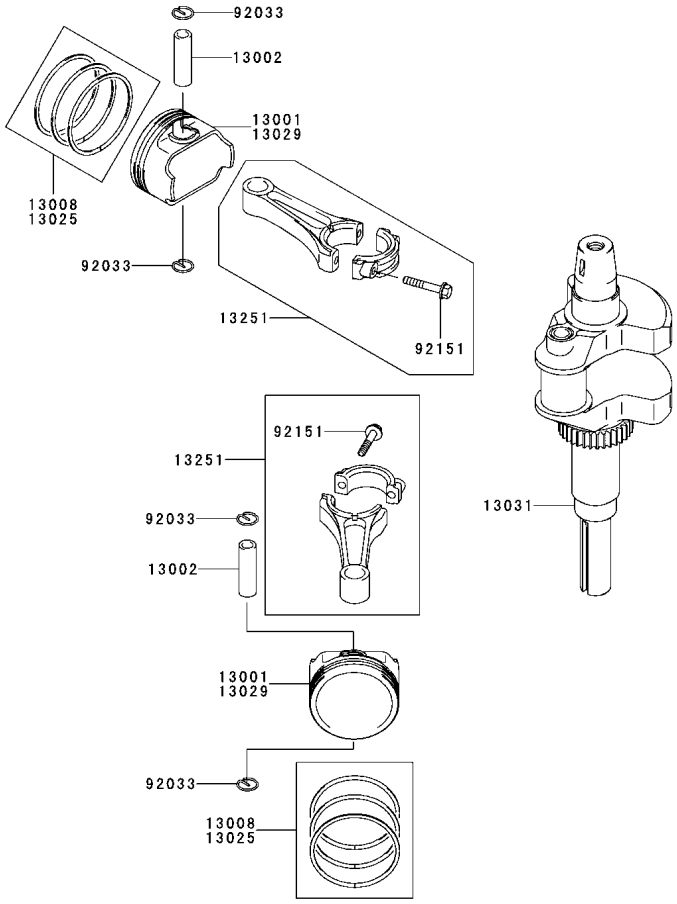
Ref	Part No.	Qty.	Description
13	107-8093	1	ROPS ASM



Roll-Over Protection System Assembly No. 107-8093

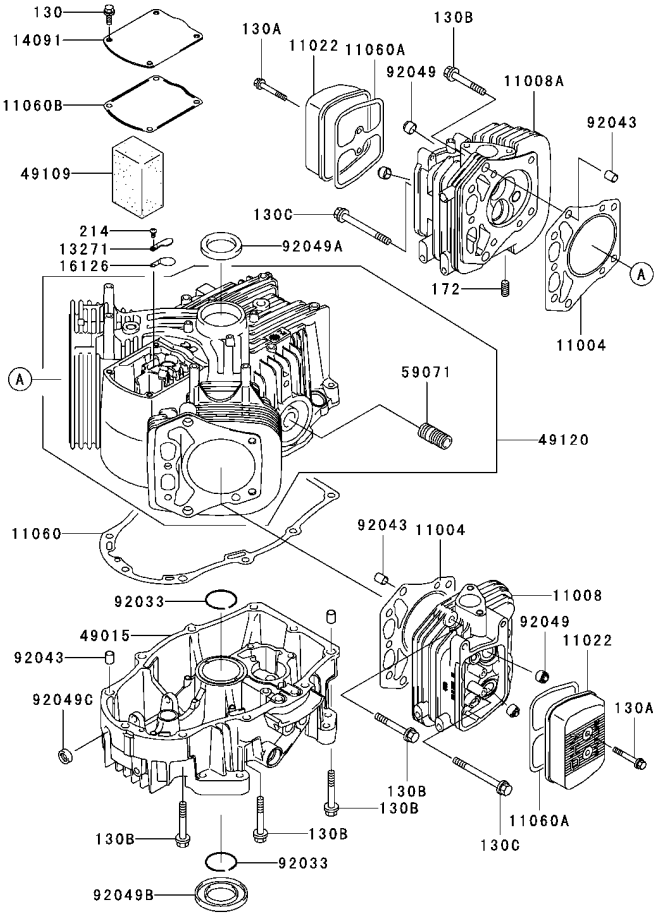
Ref	Part No.	Qty.	Description
❶1		1	LH Tube Support ASM
2	32128-23	2	Nut-HF
3	103-4553	2	ROPS Fold Pin ASM
❶5		1	Upper Tube ASM
6	109-2365	2	Bumper-Rubber (W/Stud)
7	325-13	2	Screw-HH
9	103-4434	1	Grip-Lever
10	107-3083	1	Latch ASM
11	3256-24	1	Washer-Flat
12	323-20	1	Screw-HH
14	107-0075	1	Bushing-Latch, Seat
16	107-0076	1	Spring-Torsion
17	3296-39	1	Nut-Lock, NI
18	3296-29	2	Nut-Lock, NI
❶19		1	RH Tube Support ASM
20	98-5975	8	Washer-Belleville
21	323-6	8	Screw-HH
22	3290-357	8	Nut-HHF, Whiz
23	107-3059	1	Catch-Latch, Seat
24	322-4	2	Screw-HH
25	3296-73	2	Nut-Lock, NI
28	107-3052-03	1	Seat Support Frame ASM
29	110-0883	1	Retractable Seatbelt Kit
29:2	3212-4	2	Screw-HH

Ref	Part No.	Qty.	Description
29:3	3296-7	2	Nut-Lock
32	107-3069	1	Decal-Warning, Folding ROPS (Ce)
47	107-2102	1	Decal-Warning, Folding ROPS



Piston / Crankshaft Assembly
Kawasaki FH680V-AS21

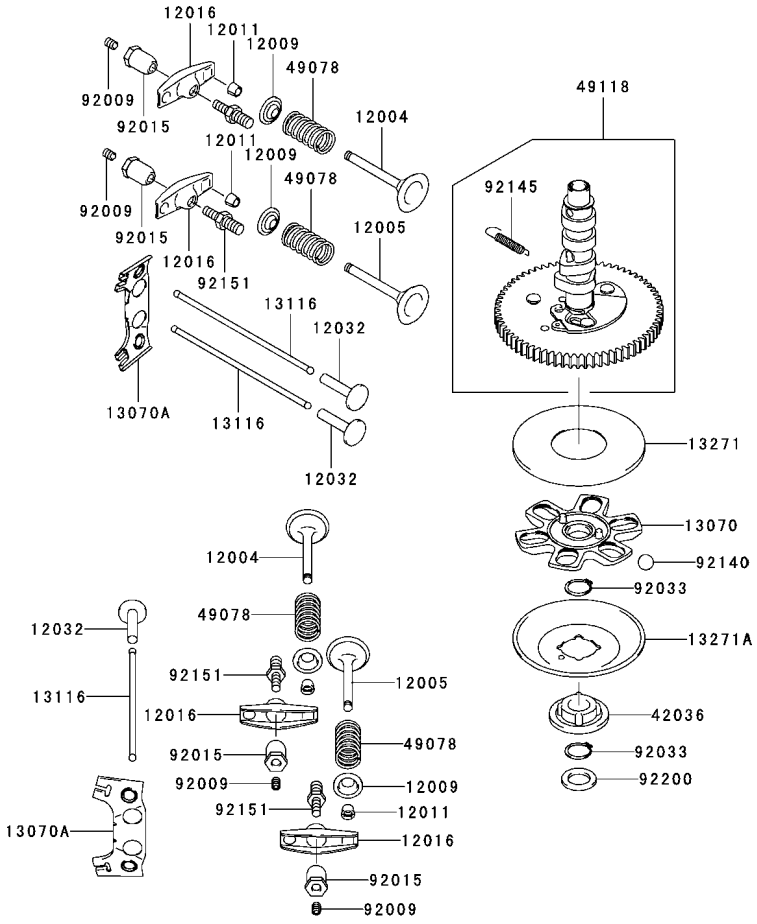
Ref	Part No.	Qty.	Description
❷13001	13001-7007	2	Piston-Engine
❷13002	13002-7001	2	Pin-Piston
❷13008	13008-6058	2	Ring Set-Piston
❷13025	13025-7002	0	Ring-Set, Piston (L,0.50)
❷13029	13029-7003	0	Piston-Engine (L,0.50)
❷13031	13031-7023	1	Crankshaft-Comp
❷13251	13251-7005	2	Connecting Rod ASM
❷92033	92033-7005	4	Ring-Snap
❷92151	92151-7017	4	Bolt (6X35)



Cylinder and Crankcase Assembly
Kawasaki FH680V-AS21

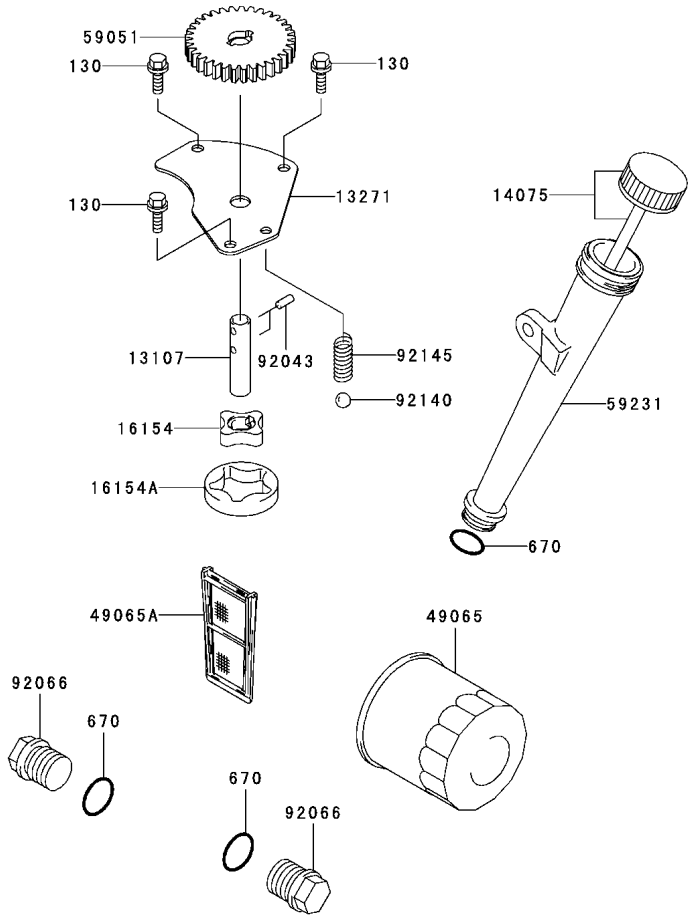
Ref	Part No.	Qty.	Description
❷11004	11004-7006	2	Gasket-Head
❷11008	11008-7012	1	Head-Comp-Cylinder No. 2
❷11008A	11008-7013	1	Head-Comp-Cylinder No. 1
❷11022	11022-7002	2	Case-Rocker
❷11060	11060-7012	1	Gasket, Crankcase Cover
❷11060A	11060-7013	2	Gasket-Case, Rocker
❷11060B	11060-7014	1	Gasket-Breather
❷13271	13271-7006	1	Plate
❷14091	14091-7004	1	Cover
❷16126	16126-7001	1	Valve
❷49015	49015-6225	1	Cover-Crankcase
❷49109	49109-7003	1	Element-Breather
❷49120	49120-7019	1	Crankcase-Comp
❷59071	59071-2079	1	Joint
❷92033	92033-7004	2	Ring-Snap
❷92043	92043-7001	6	Pin
❷92049	92049-7001	4	Seal-Oil, Rvc2 (6X11X10.2)
❷92049A	92049-7002	1	Seal-Oil
❷92049B	92049-7004	1	Seal-Oil
❷92049C	92049-7005	1	Seal-Oil, So (8X14X5 Hs)
❷130	130B0612	4	Bolt-Flanged
❷130A	130B0640	4	Bolt-Flanged
❷130B	130T0850	18	Bolt-Flanged
❷130C	130T0875	2	Bolt-Flanged

Ref	Part No.	Qty.	Description
❷172	172G0818	4	Bolt-Stud
❷214	214B0408	1	Screw-Pan



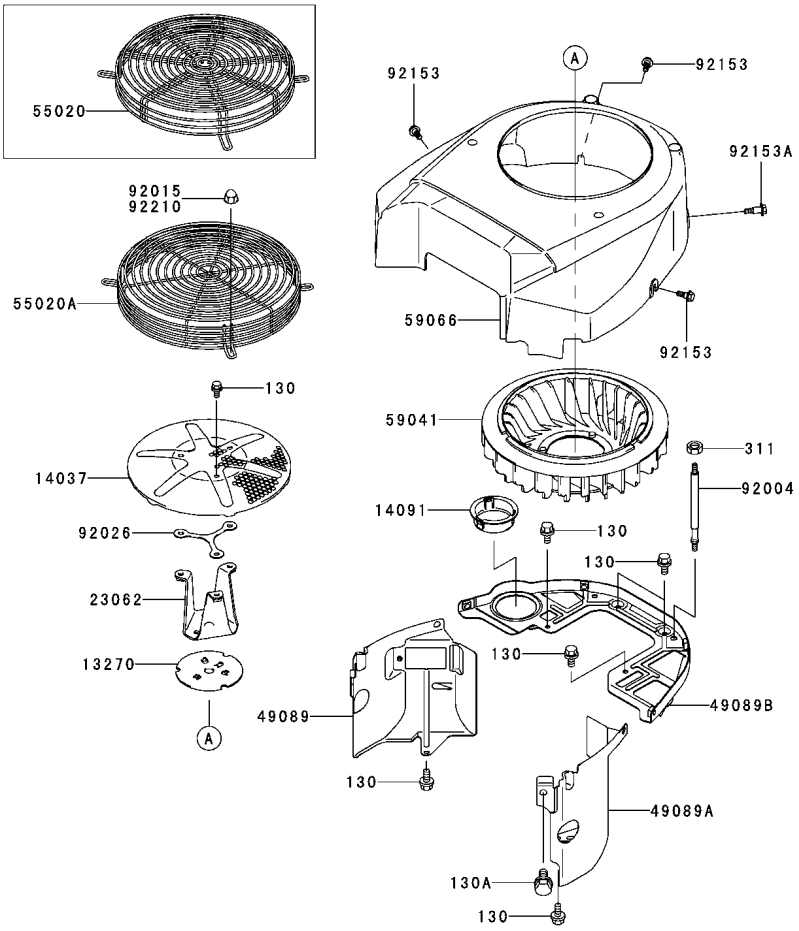
Valve / Camshaft Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷12004	12004-7002	2	Valve-Intake
❷12005	12005-7002	2	Valve-Exhaust
❷12009	12009-7001	4	Retainer-Spring, Valve
❷12011	12011-2056	8	Collet
❷12016	12016-7006	4	Arm-Rocker
❷12032	12032-7001	4	Tappet
❷13070	13070-7004	1	Guide
❷13070A	13070-7007	2	Guide
❷13116	13116-7002	4	Rod-Push
❷13271	13270-7007	1	Plate
❷13271A	13271-7021	1	Plate-Governor
❷42036	42036-7001	1	Sleeve
❷49078	49078-7002	4	Spring-Valve, Engine
❷49118	49118-7007	1	Camshaft
❷92009	92009-2341	4	Screw
❷92015	92015-2253	4	Nut
❷92033	92033-7001	2	Ring-Snap
❷92140	92140-7002	6	Ball
❷92145	92145-7001	1	Spring
❷92151	92151-7019	4	Bolt
❷92200	92200-7001	1	Washer



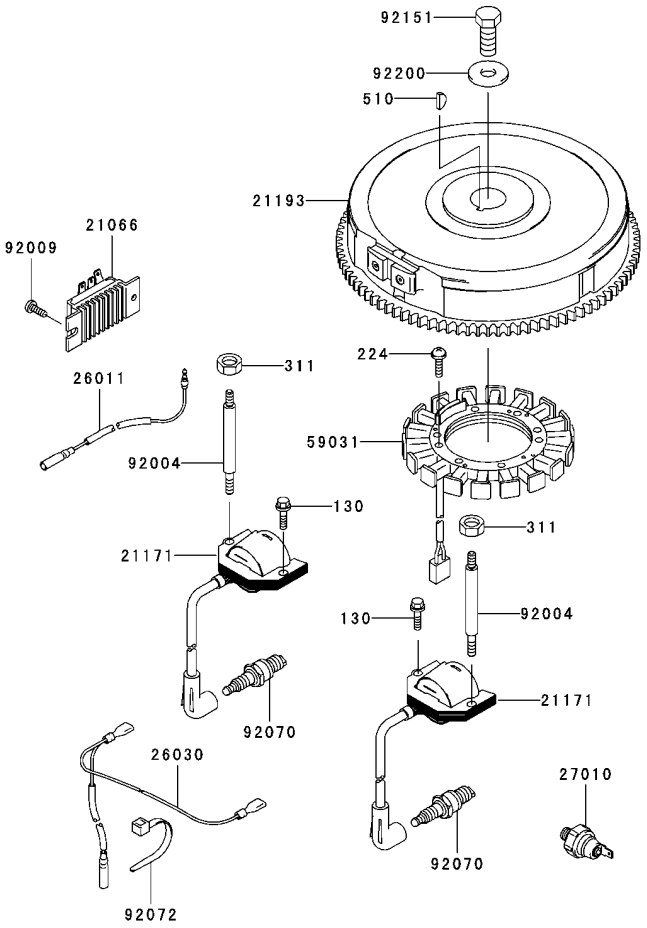
Lubrication Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷13107	13107-7009	1	Shaft
❷13271	13271-7005	1	Plate
❷14075	14075-7008	1	Cap-Assy
❷16154	16154-2053	1	Rotor-Pump (In)
❷16154A	16154-2054	1	Rotor-Pump (Out)
❷49065	49065-2078	1	Filter-Oil
❷49065A	49065-7003	1	Filter-Oil
❷59051	59051-7011	1	Gear-Spur
❷59231	59231-7002	1	Filler
❷92043	92043-7006	2	Pin
❷92066	92066-7003	2	Plug
❷92140	92140-7003	1	Ball
❷92145	92145-7002	1	Spring
❷130	130B0612	3	Bolt-Flanged
❷670	670D2016	3	O-Ring (16Mm)



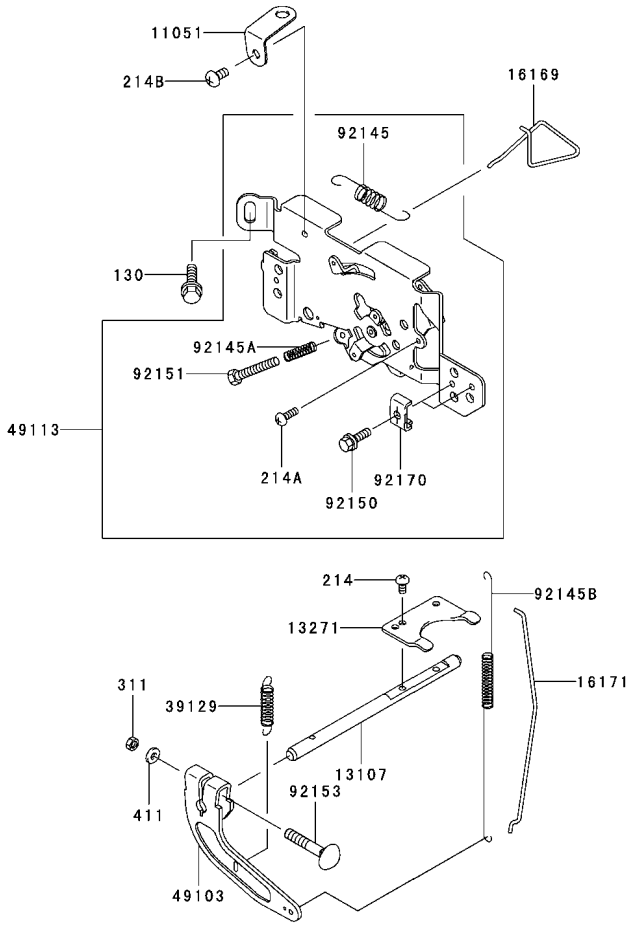
Cooling Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷13270	13270-7007	1	Plate
❷14037	14037-7008-9H	1	Screen
❷14091	14091-7002	1	Cover
❷23062	23062-7005	1	Bracket-Comp
❷49089	49089-7004	1	Shroud-Engine
❷49089A	49089-7005	1	Shroud-Engine
❷49089B	49089-7030	1	Shroud-Engine
❷55020	55020-7002	1	Guard
❷55020A	55020-7007	1	Guard
❷59041	59041-7003	1	Fan
❷59066	59066-7004	1	Housing-Fan
❷92004	92004-7006	2	Stud
❷92015	92015-1170	4	Nut
❷92026	92026-7007	0	Spacer
❷92153	92153-7007	3	Bolt
❷92153A	92153-7008	1	Bolt
❷92210	92210-0003	4	Nut
❷130	130B0612	9	Bolt-Flanged
❷130A	130B0816	1	Bolt-Flanged
❷311	311B0600	2	Nut-Hex



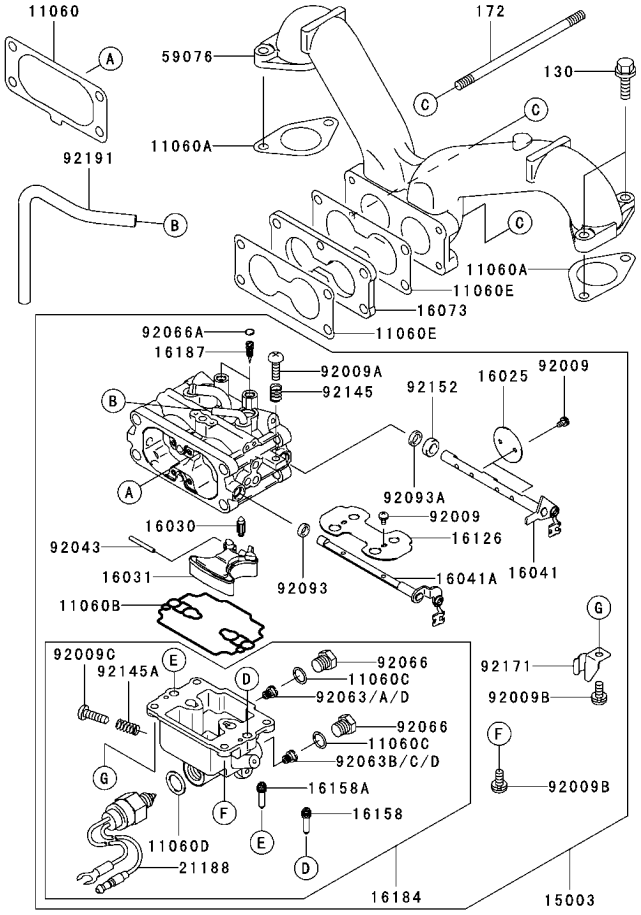
Electric Equipment Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷21066	21066-7006	1	Regulator-Voltage
❷21171	21171-7007	2	Coil-ASM-Ignition
❷21193	21193-7019	1	Flywheel-Assy
❷26011	26011-7008	1	Wire-Lead
❷26030	26030-7002	1	Harness
❷27010	27010-7001	1	Switch
❷59031	59031-7001	1	Coil-Charging
❷92004	92004-7009	2	Stud
❷92009	92009-2308	1	Screw
❷92070	92070-7004	2	Plug-Spark,Bpr4Es(Ngk), Solid
❷92072	92072-7003	2	Band
❷92151	92151-2097	1	Bolt (12X30)
❷92200	92200-7002	1	Washer
❷130	130B0620	2	Bolt-Flanged
❷224	224B0520	4	Screw-Pan
❷311	311B0600	2	Nut-Hex
❷510	510A5100	1	Key-Woodruff



Control Equipment Assembly
Kawasaki FH680V-AS21

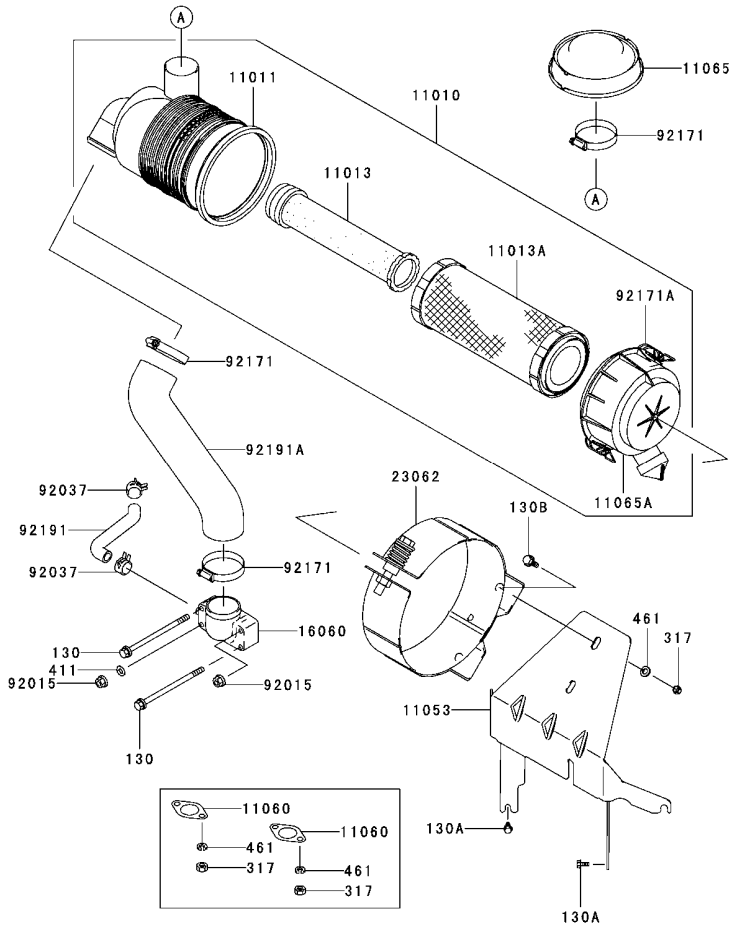
Ref	Part No.	Qty.	Description
❷11051	11051-7008	1	Bracket
❷13107	13107-7013	1	Shaft
❷13271	13271-7018	1	Plate
❷16169	16169-7006	1	Link-Choke
❷16171	16171-7004	1	Link
❷39129	39129-7004	1	Spring-Governor
❷49103	49103-7004	1	Arm-Governor
❷49113	49113-7017	1	Panel-Comp-Control
❷92145	92145-7004	1	Spring
❷92145A	92145-7005	1	Spring
❷92145B	92145-7009	1	Spring
❷92150	92150-2182	2	Bolt (5X18)
❷92151	92151-7014	1	Bolt (5X30)
❷92153	92153-7005	1	Bolt (6X35)
❷92170	92170-7001	2	Clamp
❷130	130B0612	2	Bolt-Flanged
❷214	214B0408	2	Screw-Pan
❷214A	214B0412	1	Screw-Pan
❷214B	214B0510	1	Screw-Pan
❷311	311B0600	1	Nut-Hex
❷411	411b0600	1	Washer-Plain



Carburetor Assembly
Kawasaki FH680V-AS21

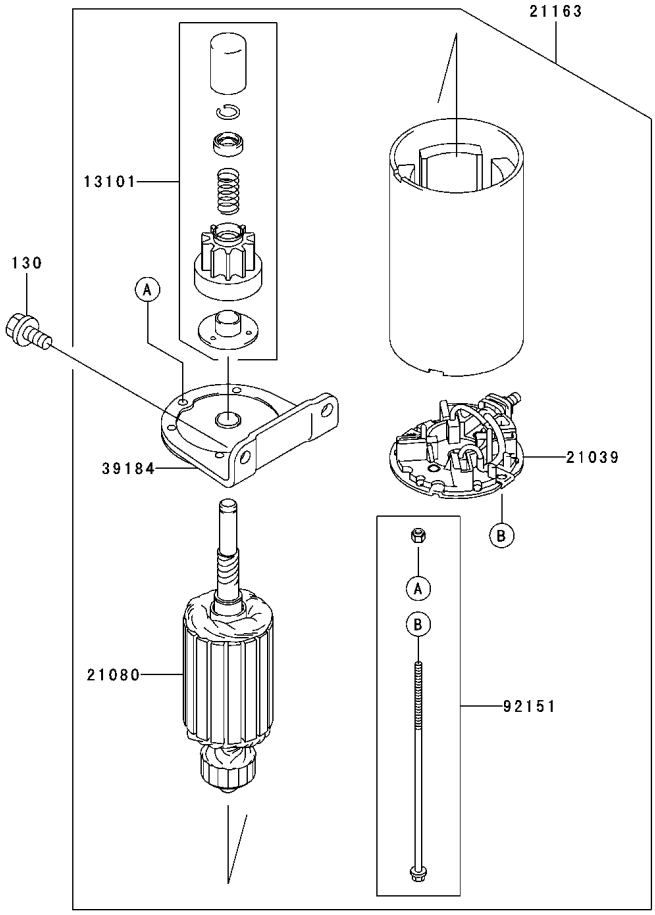
Ref	Part No.	Qty.	Description
❷11060	11060-7009	1	Gasket, Air Filter
❷11060A	11060-7011	2	Gasket
❷11060B	11060-7018	1	Gasket-Chamber, Float
❷11060C	11060-7019	2	Gasket-Plug, Main
❷11060D	11060-7020	1	Gasket-Solenoid
❷11060E	11060-7024	2	Gasket-Carburetor
❷15003	15003-7073	1	Carburetor-Assy
❷16025	16025-7003	2	Valve-Throttle
❷16030	16030-7002	1	Valve-Float
❷16031	16031-7001	1	Float
❷16041	16041-7004	1	Shaft-Carburetor Throttle
❷16041A	16041-7007	1	Shaft-Carburetor, Choke
❷16073	16073-7005	1	Insulator
❷16126	16126-7004	1	Valve-Choke
❷16158	16158-7007	1	Jet-Slow, No.56
❷16158A	16158-7008	1	Jet-Slow, No.42
❷16184	16184-7010	1	Chamber-Assy-Float
❷16187	16187-7002	2	Needle-Jet
❷21188	21188-7001	1	Solenoid
❷59076	59076-7002	1	Manifold-Intake
❷92009	92009-7003	6	Screw
❷92009A	92009-7004	1	Screw
❷92009B	92009-7005	4	Screw
❷92009C	92009-7006	1	Screw-Drain

Ref	Part No.	Qty.	Description
❷92043	92043-7004	1	Pin-Float
❷92063	92063-7017	1	Jet-Main, No.133
❷92063A	92063-7018	1	Jet-Main, No.130
❷92063B	92063-7019	1	Jet-Main, No.139
❷92063C	92063-7020	1	Jet-Main, No.134
❷92063D	92063-7038	2	Jet-Main, No.114
❷92066	92066-7008	2	Plug-Jet, Main
❷92066A	92066-7009	2	Plug, Extension
❷92093	92093-7001	1	Seal
❷92093A	92093-7002	1	Seal
❷92145	92145-7010	1	Spring
❷92145A	92145-7011	1	Spring
❷92152	92152-7001	1	Collar
❷92171	92171-7001	1	Clamp
❷92191	92191-7023	1	Tube
❷130	130B0620	4	Bolt-Flanged
❷172	172G06105	2	Bolt-Stud



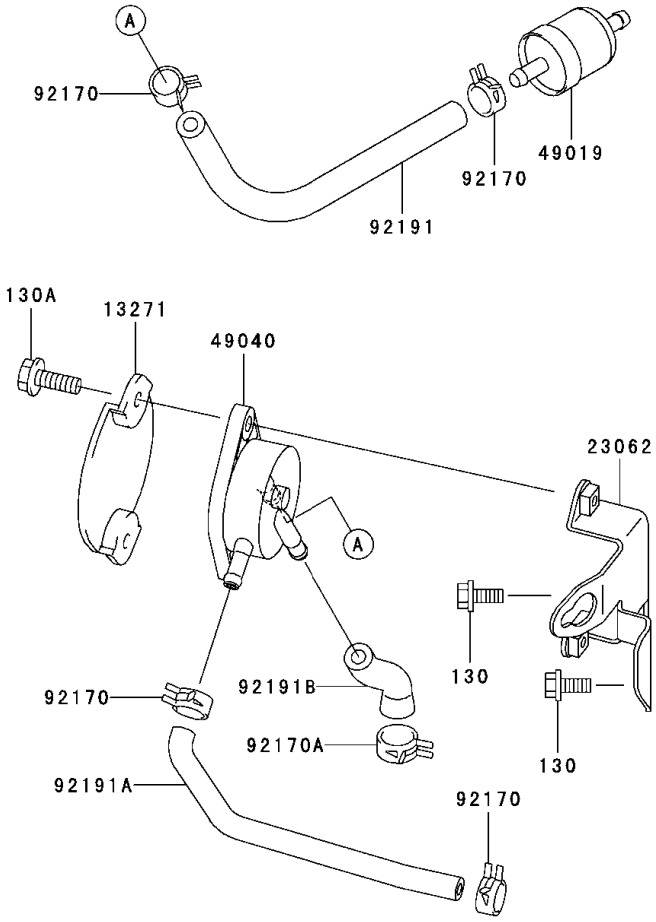
Air Filter and Muffler Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷11010	11010-7004	1	Filter-Assy-Air
❷11011	11011-7014	1	Case-Air Filter
❷11013	11013-7019	1	Element-Air Filter
❷11013A	11013-7020	1	Element-Air Filter
❷11060	11060-7016	2	Gasket-Muffler
❷11065	11065-7006	1	Cap
❷11065A	11065-7008	1	Cap
❷16060	16060-7005	1	Pipe-Intake
❷92015	92015-1193	2	Nut
❷92037	92037-2079	2	Clamp
❷92171	92171-7007	3	Clamp
❷92171A	92171-7009	2	Clamp
❷92191	92191-7006	1	Tube
❷92191A	92191-7028	1	Tube
❷130	130B06105	2	Bolt-Flanged
❷130A	130B0612	2	Bolt-Flanged
❷130B	130B0816	2	Bolt-Flanged
❷317	317R0800	6	Nut-Hex
❷411	411b0600	1	Washer-Plain
❷461	461F0800	6	Washer-Spring



Starter Assembly
Kawasaki FH680V-AS21

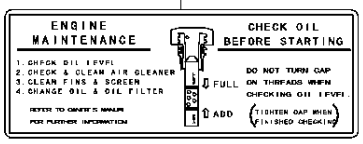
Ref	Part No.	Qty.	Description
❷13101	13101-7001	1	Gear ASM
❷21039	21039-7001	1	Brush
❷21080	21080-7001	1	Armature
❷21163	21163-7001	1	Starter-Electric
❷39184	39184-7001	1	Bracket ASM
❷92151	92151-7013	1	Bolt
❷130	130B0816	2	Bolt-Flanged



Fuel Tank / Fuel Valve Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷13271	13271-7004	1	Plate
❷23062	23062-7004-9H	1	Bracket
❷49019	49019-7001	1	Filter-Fuel
❷49040	49040-7001	1	Pump-Fuel
❷92170	92170-2088	4	Clamp
❷92170A	92170-7003	1	Clamp
❷92191	92191-7003	1	Tube (6.35X12.7X160)
❷92191A	92191-7017	1	Tube
❷92191B	92191-7027	1	Tube
❷130	130B0616	2	Bolt-Flanged
❷130A	130B0620	2	Bolt-Flanged

56033



56080



Decal Assembly
Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❷56033	56033-7002	1	Label-Manual
❷56080	56080-7009	1	Decal-Brand

Attachments and Accessories

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

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

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