Form Number 3329-874

Z153 Z Master®

With 52in SFS Side Discharge Mower

Model No. 74167 - 240000001 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.

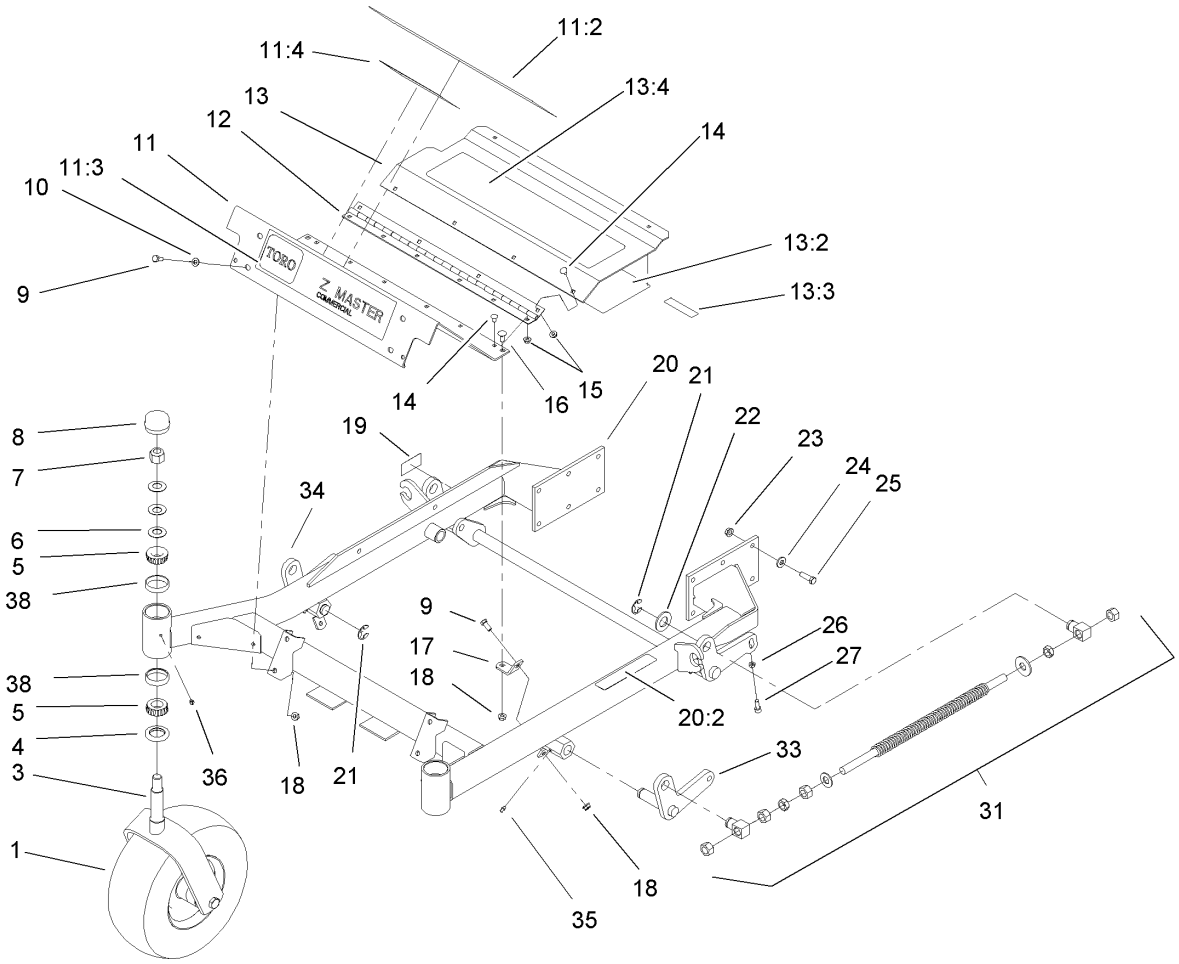
AR. . . . . as required
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HS. . . . . hex
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
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
PPH. . . . . phillips pan head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
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
WH. . . . . wing head

Footnotes

❶ Not illustrated
❷ Not serviced separately
❸ Obtain Parts From Kawasaki

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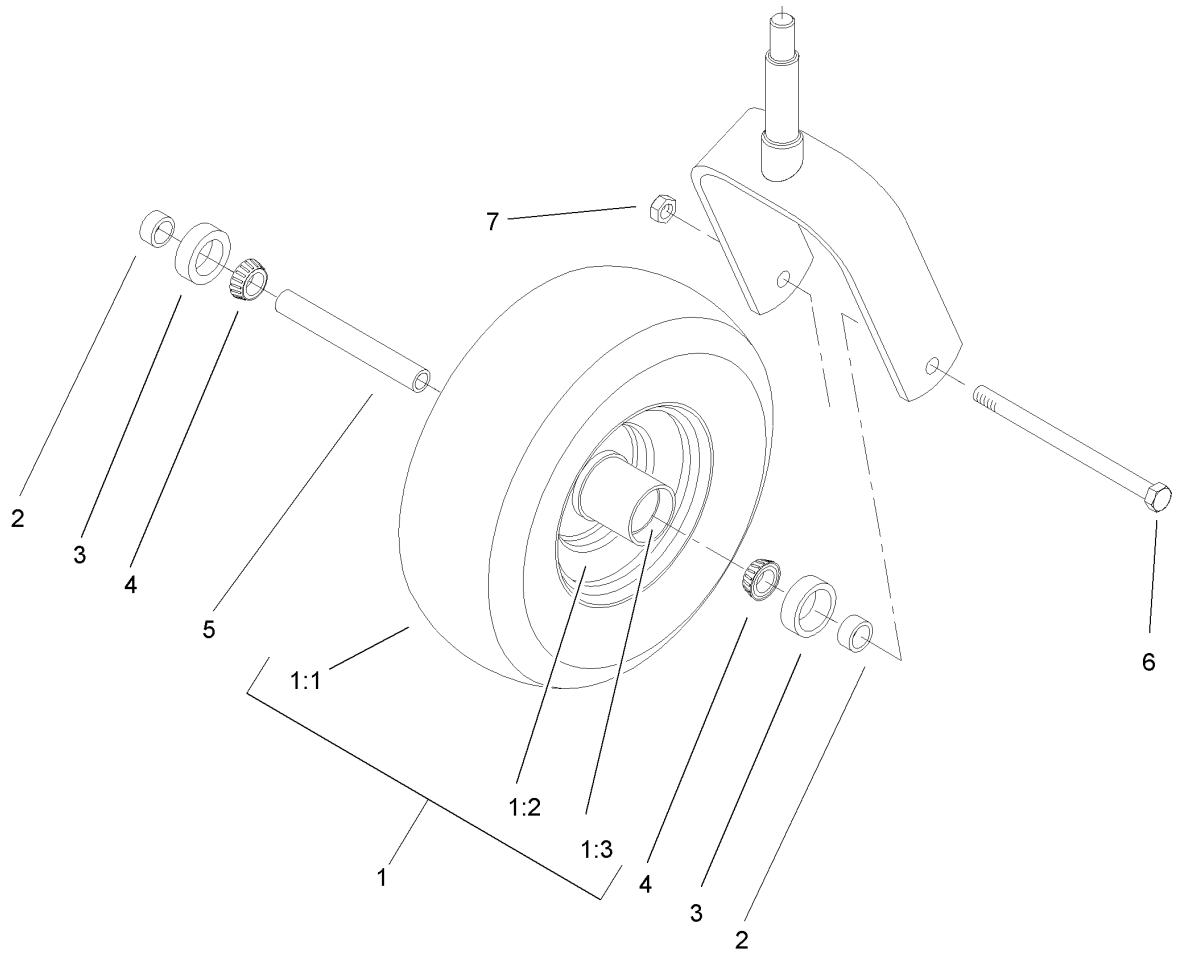
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Front Frame Assembly

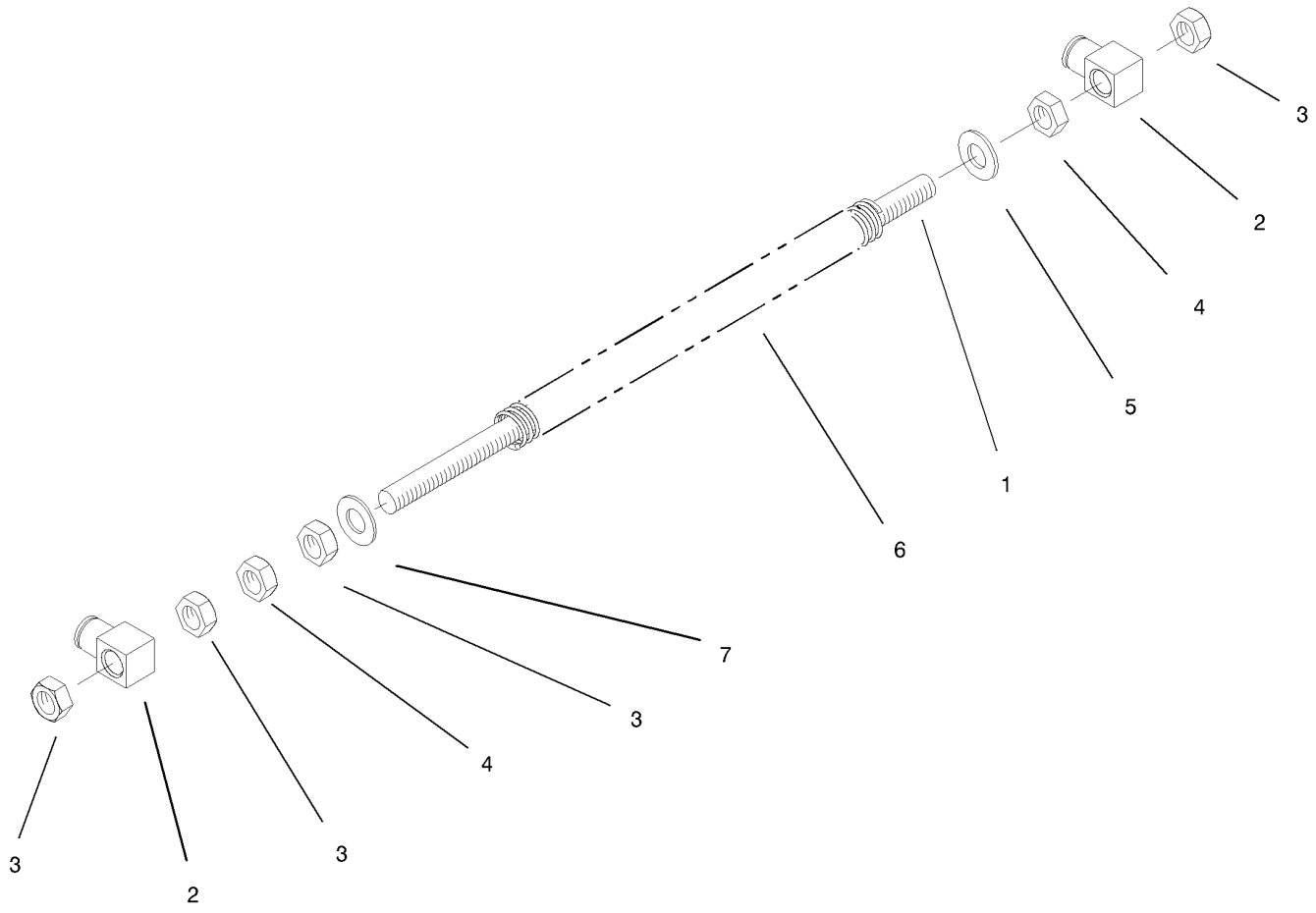
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Taper
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
9	322-3	6	Screw-HH
10	3256-23	4	Washer-Flat
11	107-2107	1	Floorpan ASM
11:2	1-633553	1	Pad-Antiskid
11:3	106-7451	1	Decal
11:4	107-2112	1	Decal-Warning
12	1-653049	1	Hinge-Floorpan
13	99-3930	1	Footrest ASM
13:2	99-3924	1	Decal-Service
13:3	98-5954	1	Decal-Missing, Cover
13:4	1-633553	1	Pad-Antiskid
14	3229-10	10	Screw-CARR
15	32128-33	10	Nut-HF
16	3230-1	2	Bolt-CARR
17	99-3870-01	2	Bracket-Floorpan
18	32128-20	8	Nut-HF
19	105-2625	1	Decal-Std, Safety

Ref	Part No.	Qty.	Description
20	107-1783	1	Front Frame ASM
20:2	1-633818	1	Decal-Warning
21	32151-103	6	Ring-Snap
22	3256-29	6	Washer-Flat
23	3290-357	12	Nut-HHF
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	103-1987	2	Front Spring ASM
33	107-1791-01	1	LH Front Deck Lift ASM
34	107-1792-01	1	RH Front Deck Lift ASM
35	302-19	4	Fitting-Grease
36	1-811010	2	Plug
38	254-72	4	Bearing-Cup, Tapered



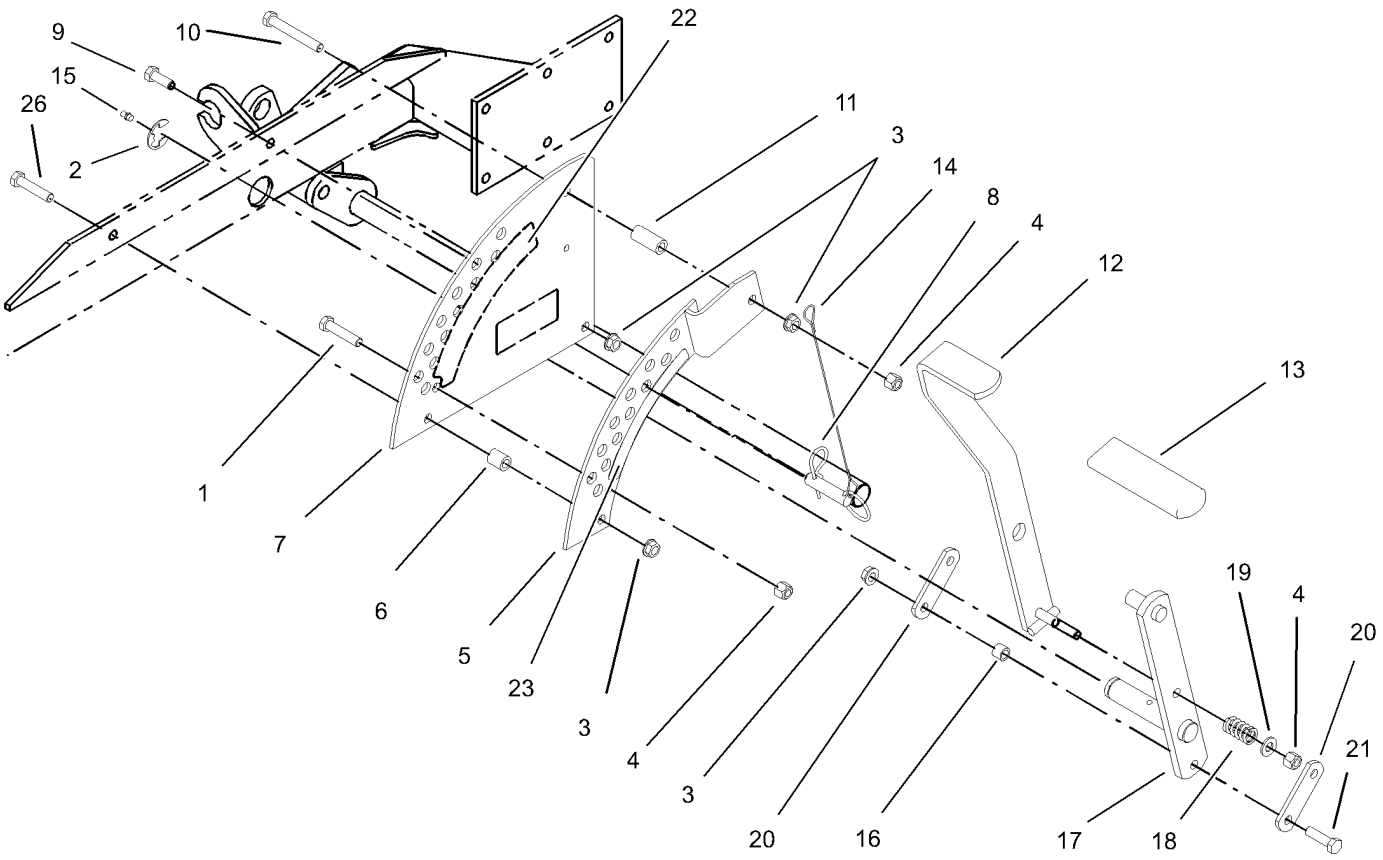
Caster Wheel Assembly No. 1-634662

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



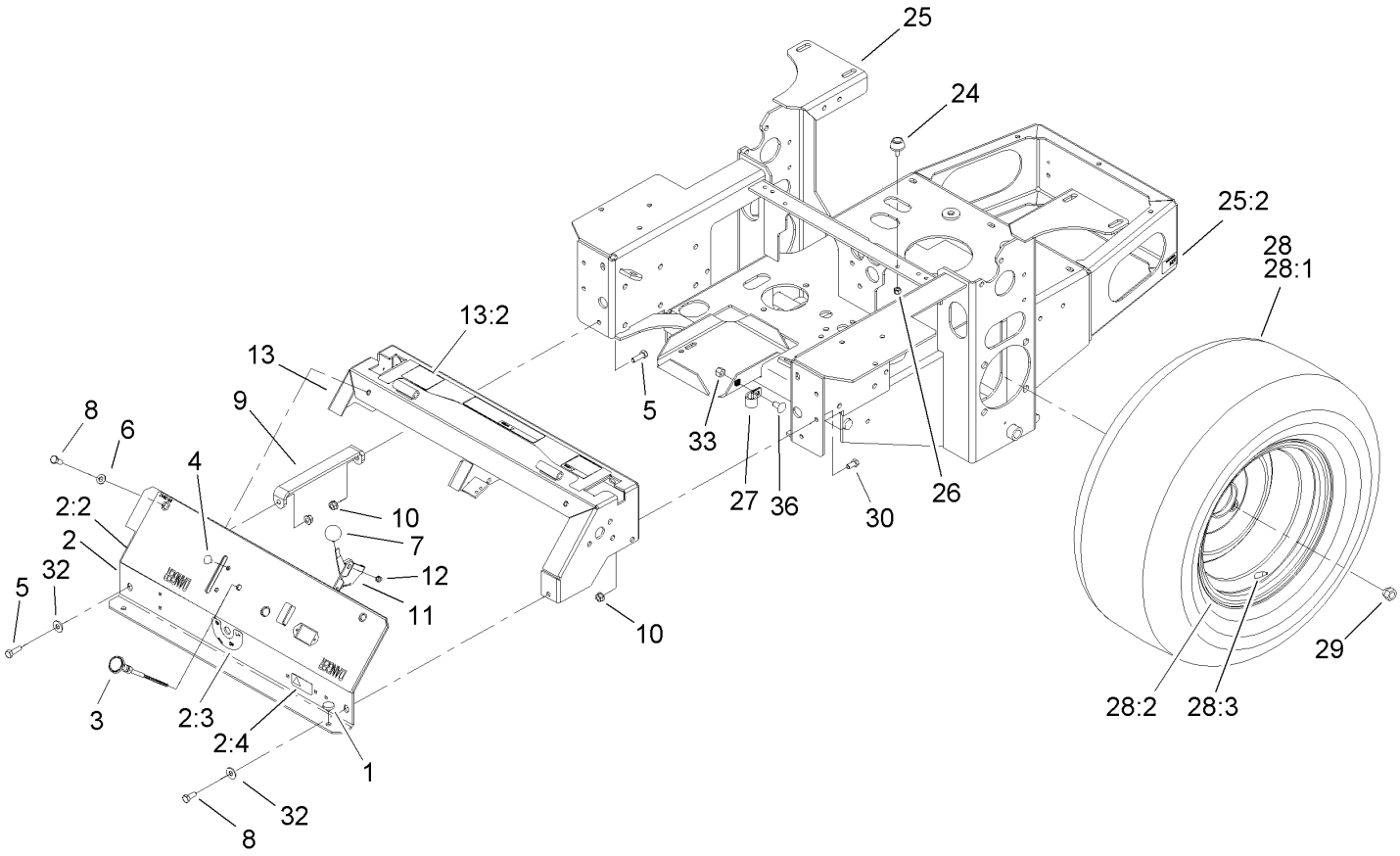
Front Spring Assembly No. 103-1987

Ref	Part No.	Qty.	Description
1	1-653011	1	Rod-Lift, Deck
2	1-633441	2	Swivel-Deck Mount, Rear
3	3217-11	4	Nut-Hex
4	3218-6	2	Nut-Jam
5	1-805517	1	Washer
6	1-653009	1	Spring-Compression
7	3256-27	1	Washer-Flat



Height of Cut Assembly

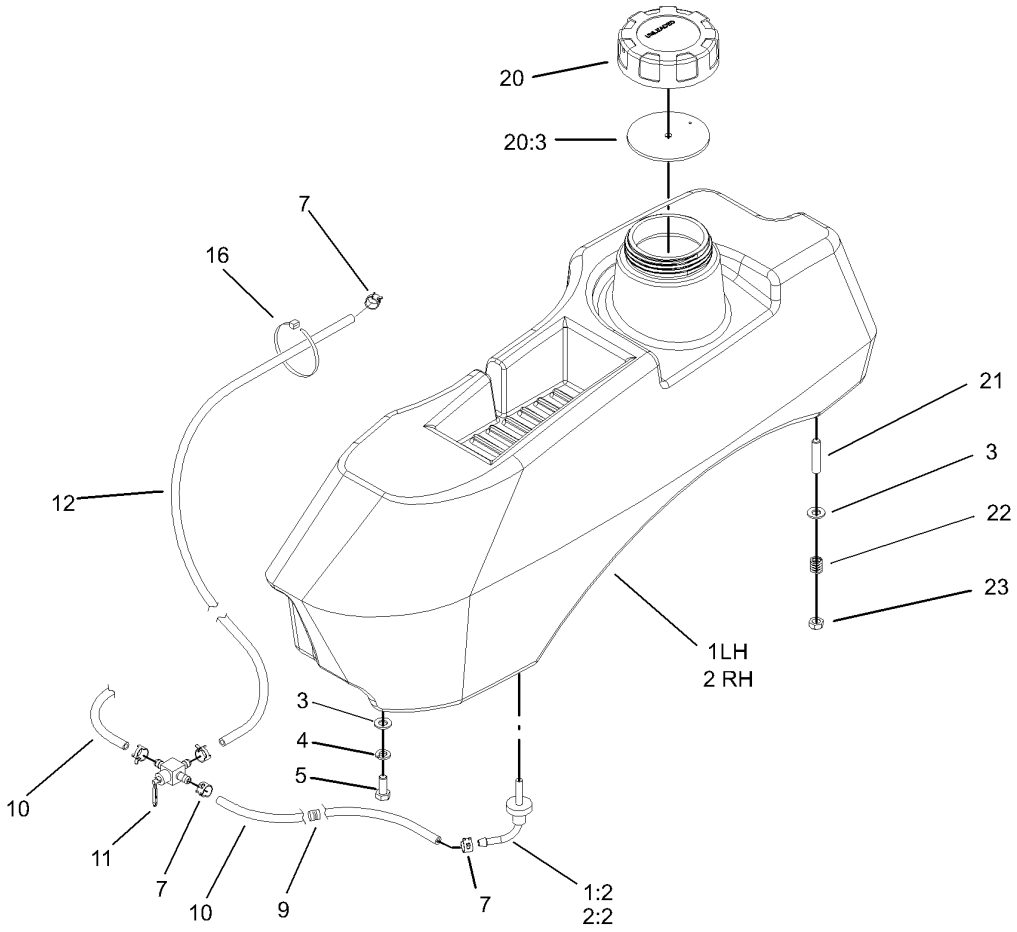
Ref	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	5	Nut-HHF
4	3296-39	3	Nut-Lock, NI
5	1-652235-01	1	Plate-Lift, Deck
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
8	1-806005	1	Pin-Hair
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	1-633082	1	Bushing-Lever, Lift
12	103-2078-03	1	Handle-Lift
13	1-633295	1	Grip-Lever, Lift
14	1-633097	1	Pin-Hitch (W/lanyard)
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	1-653140	1	Decal-Deck Height, Outer
23	1-653147	1	Decal-Deck Height, Inner
26	323-8	1	Screw-HH



Main Frame Assembly

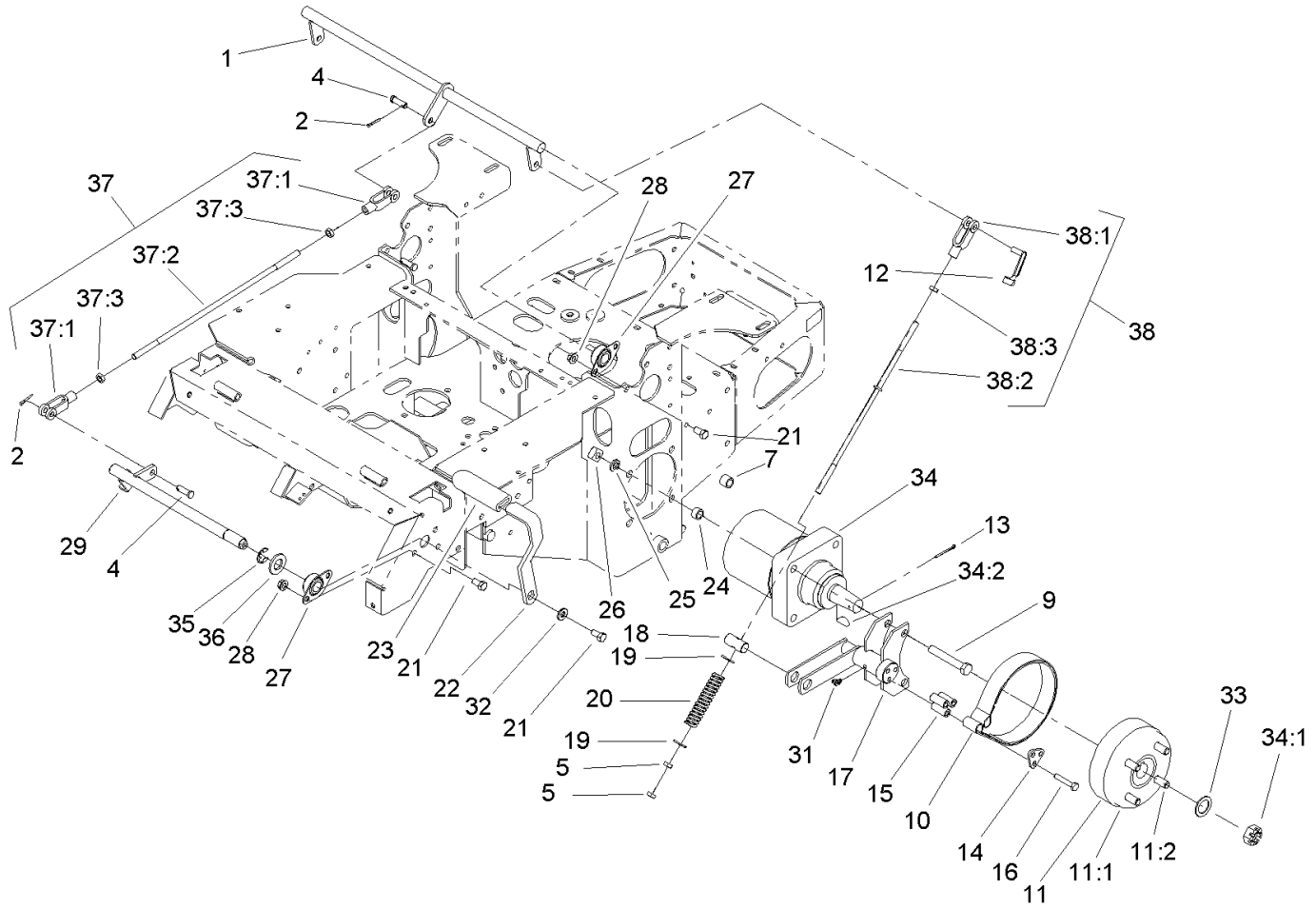
Ref	Part No.	Qty.	Description
1	1-513658	2	Bumper
2	106-6589	1	Console ASM
2:2	106-6586	1	Decal-Panel, Control
2:3	103-0262	1	Decal-Valve, Fuel
2:4	98-4387	1	Decal-Protection, Ear
3	1-603336	1	Control-Choke
4	1-807513	2	Bolt-CARR
5	322-5	2	Screw-HH
6	3256-23	2	Washer-Flat
7	1-513592	1	Knob-Ball
8	322-3	3	Screw-HH
9	1-653089-03	1	Bracket
10	32128-20	12	Nut-HF
11	1-633696	1	Cable-Throttle
12	3296-2	2	Nut-Lock
13	105-6123	1	Console Frame ASM
13:2	103-1997	1	Decal-Console, Top
24	1-523420	2	Bumper
25	107-2117	1	Main Frame ASM
25:2	65-2690	2	Decal-Surface, Hot
26	3296-42	2	Nut-Lock, NI
27	1-633396	1	Clip-Loom
28	1-653159	2	Wheel And Tire ASM
28:1	1-653160	1	Tire

Ref	Part No.	Qty.	Description
28:2	1-653161	1	Wheel
28:3	232-27	1	Stem-Valve
29	242-50	8	Nut-Lug
30	322-2	6	Screw-HH
32	3256-3	2	Washer-Flat
33	3296-39	1	Nut-Lock, NI
36	3231-21	1	Screw-CARR



Fuel System Assembly

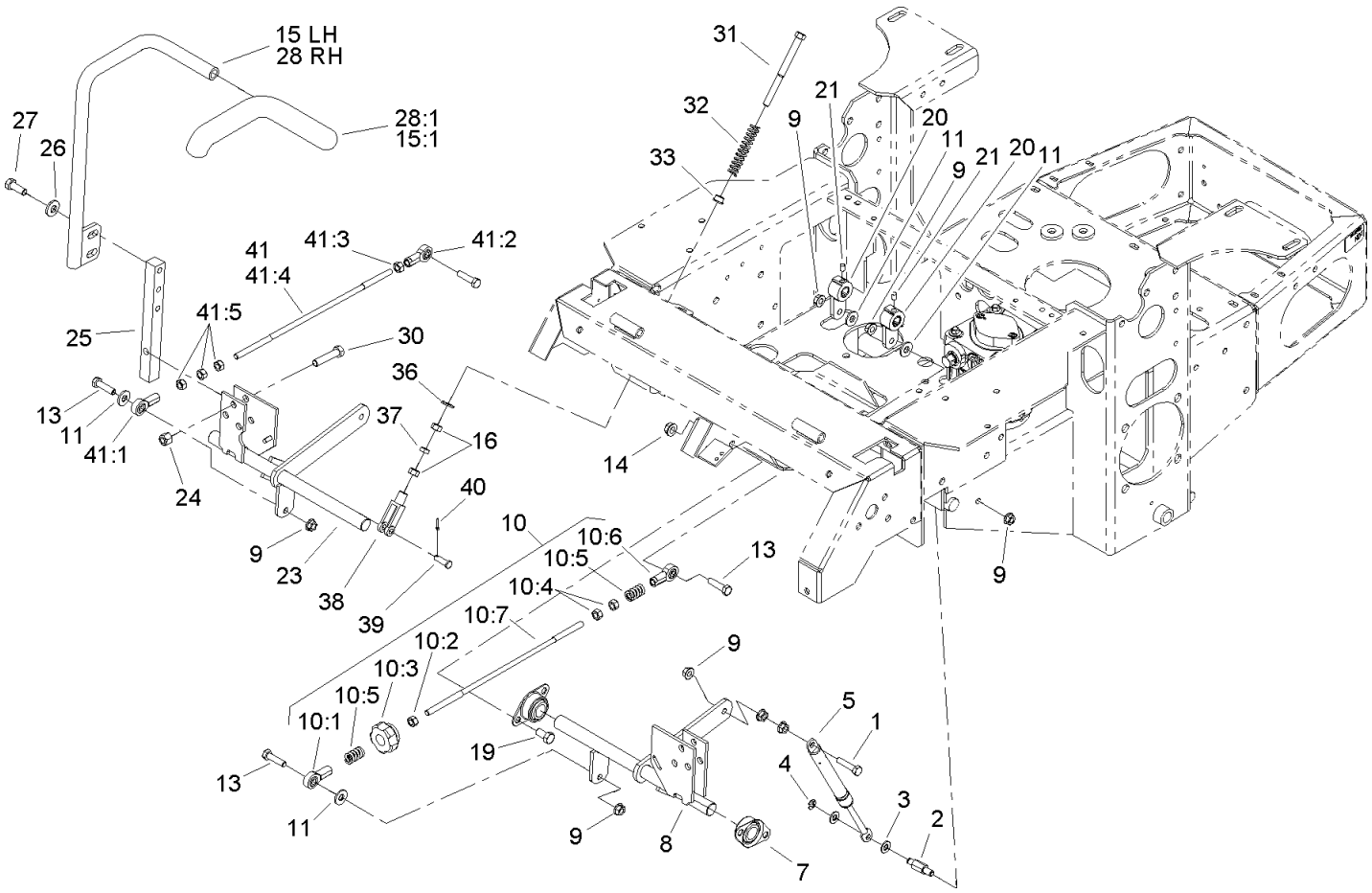
Ref	Part No.	Qty.	Description
1	106-9976	1	LH Fuel Tank ASM
1:2	103-2605	1	Fitting-Fuel, Bulkhead
2	106-9975	1	RH Fuel Tank ASM
2:2	103-2605	1	Fitting-Fuel, Bulkhead
3	3256-23	8	Washer-Flat
4	1-805005	4	Washer-Lock
5	322-3	4	Screw-HH
7	1-303077	6	Clamp
9	1-543296	2	Grommet
10	1-543526	2	Hose-Fuel
11	1-633347	1	Valve-Fuel
12	103-0216	1	Hose-Fuel
16	1-303335	1	Tie-Plastic
20	88-3980	2	Gas Cap ASM
20:3	88-4010	1	Gasket-Cap, Gas
21	1-633023	4	Stud
22	1-633349	4	Spring-Tank, Fuel
23	3296-47	4	Nut-Lock, NI



Parking Brake System 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-HH
7	1-653068	4	Spacer-Wheel
9	325-13	8	Screw-HH
10	103-0355	2	Band-Brake
11	103-0590	2	Hub-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

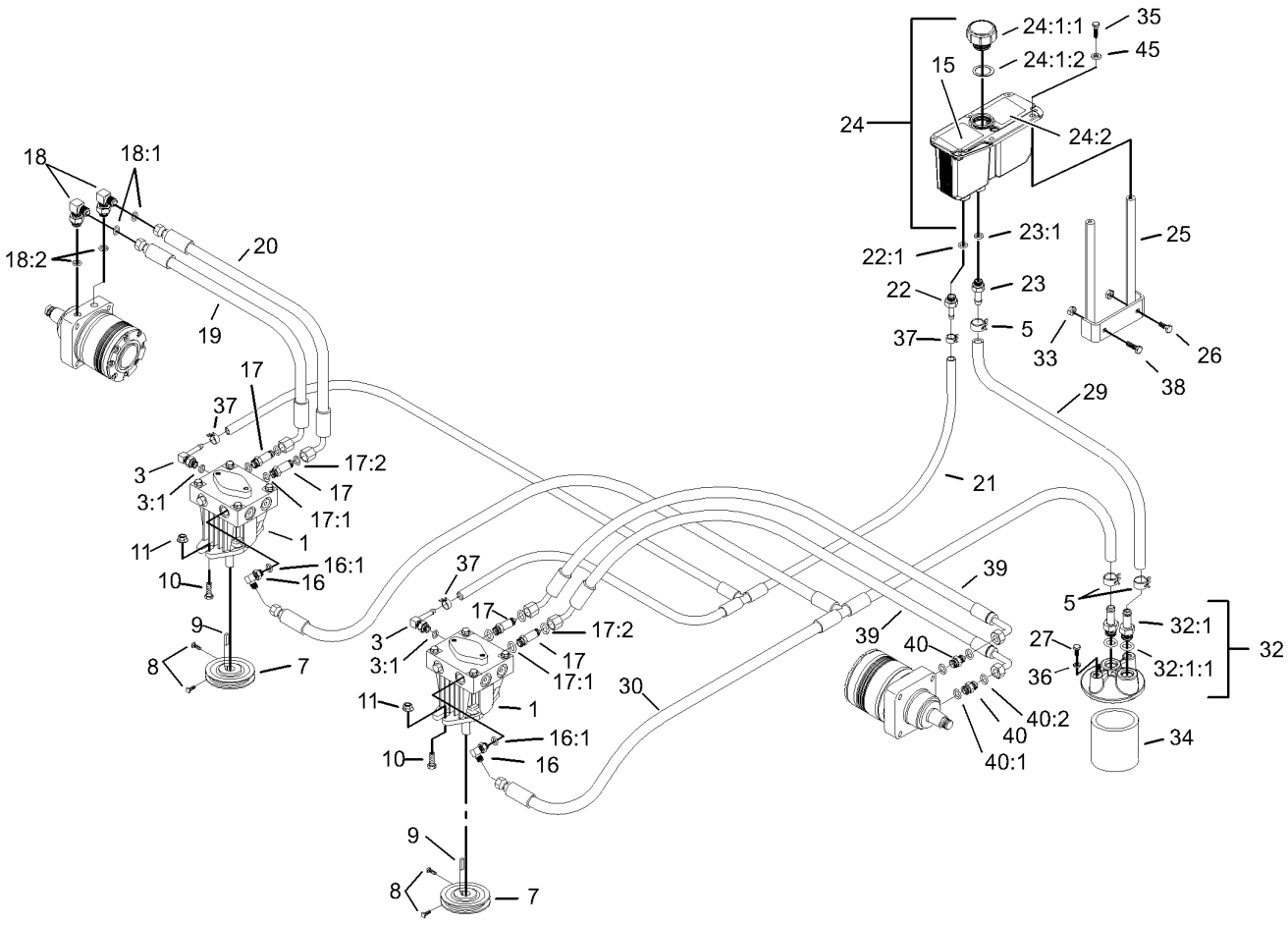
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	1-523328	2	Motor-Wheel
34:1	1-809036	1	Nut-HH
34:2	3257-42	1	Key-Woodruff
❶34:99	1-000139	1	Bearing Kit
❶34:99	103-2748	1	Drive Link Kit
❶34:99	1-000099	1	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-HH
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-HH



Steering 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	103-4079	2	Damper-Control, Motion
7	1-633102	4	Bearing-Flange, Side
8	103-4774	1	Control-Motion, LH
9	32128-20	12	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
13	322-6	4	Screw-HH
14	3290-357	8	Nut-HHF
15	103-0631	1	LH Lever ASM
15:1	1-633257	1	Grip-Control, Motion
16	3219-2	4	Nut-Hex
19	323-4	8	Screw-HH
20	103-3717	2	Arm-Control

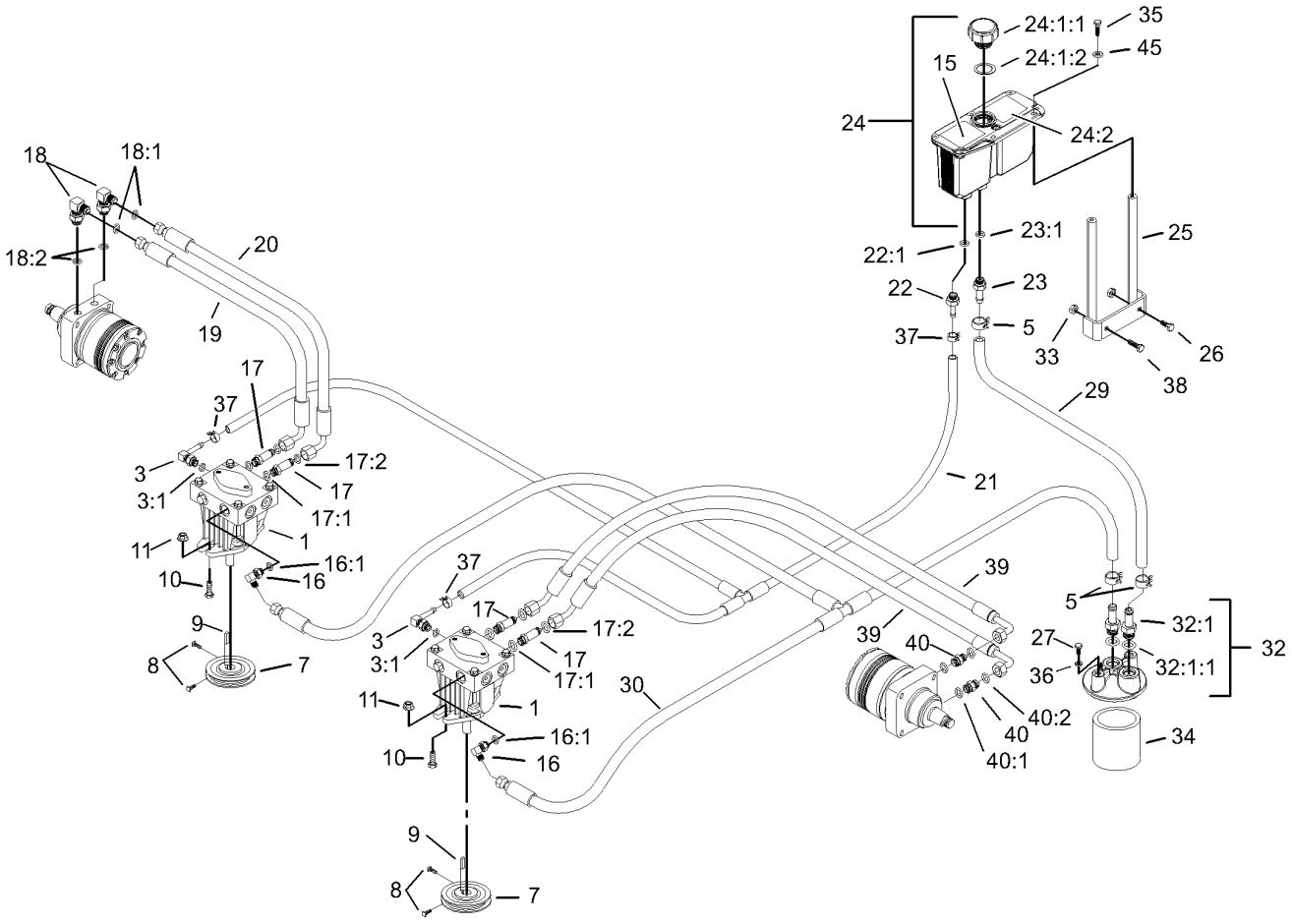
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	103-0632	1	RH Lever ASM
28:1	1-633257	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, 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
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
41:5	3219-2	3	Nut-Hex



Hydraulic System Assembly

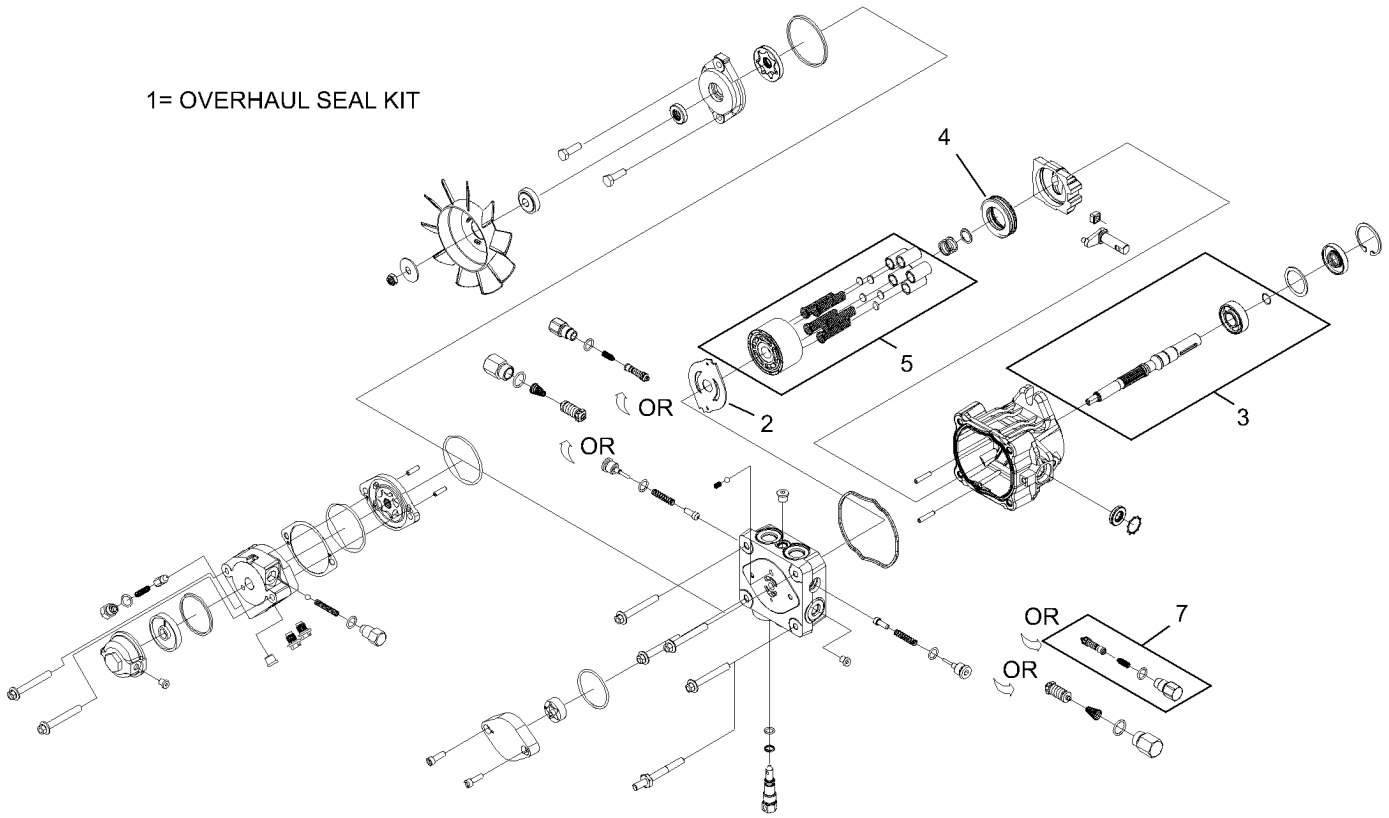
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-Hyd, 90 DEG
16:1	237-42	1	O-Ring
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-Rh, Rear
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
❷24:1		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-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



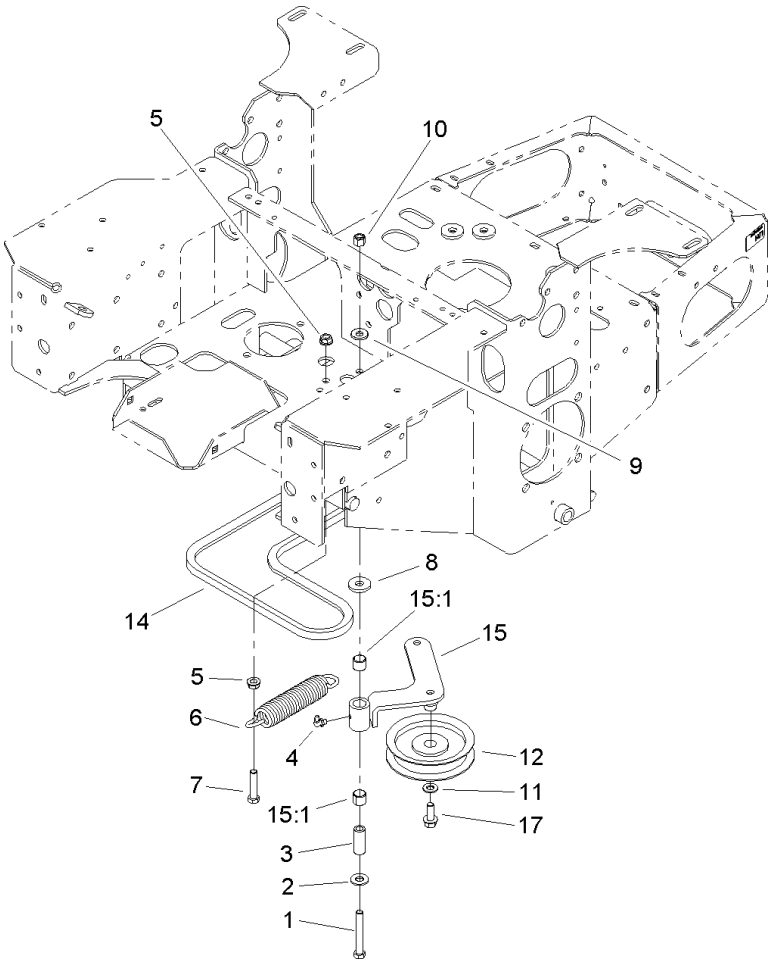
Hydraulic System Assembly (continued)

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



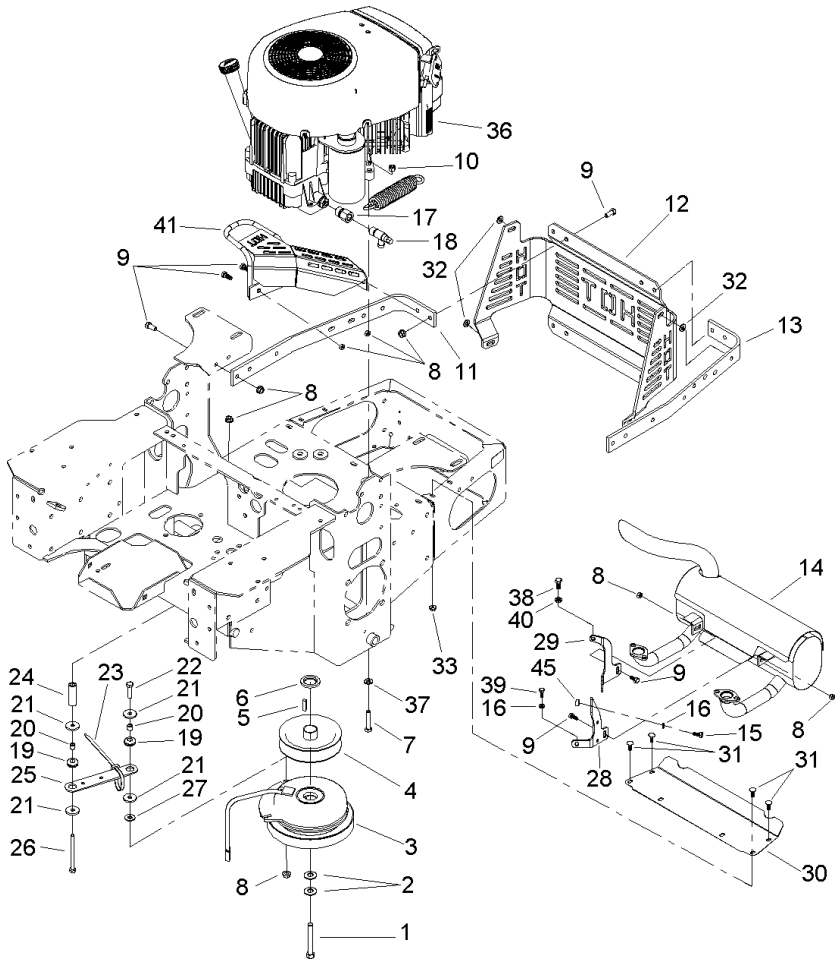
Hydraulic Pump Assembly No. 103-1942

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

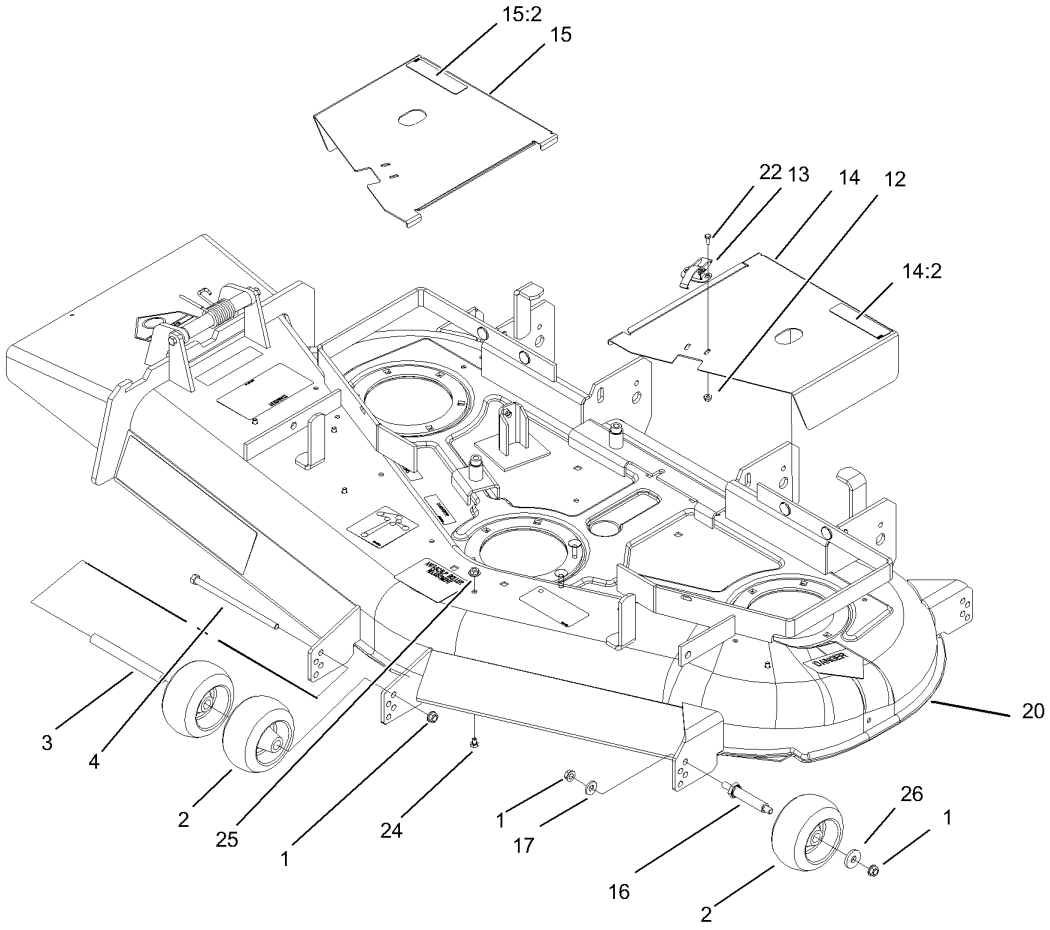
Ref	Part No.	Qty.	Description
1	323-13	1	Screw-HH
2	3256-4	1	Washer-Flat
3	1-603044	1	Bushing
4	302-40	1	Fitting-Grease
5	3290-357	2	Nut-HHF
6	103-4480	1	Spring-Extension
7	323-9	2	Screw-HH
8	63-8410	1	Washer
9	98-5975	1	Washer-Belleville
10	3296-39	1	Nut-Lock, NI
11	3256-24	1	Washer-Flat
12	1-603843	1	Pulley-Idler
14	103-4761	1	Belt
15	103-4482	1	Idler Arm ASM
15:1	103-4681	2	Sleeve-Bearing
17	3234-11	1	Screw-HHF



Engine and Clutch Assembly

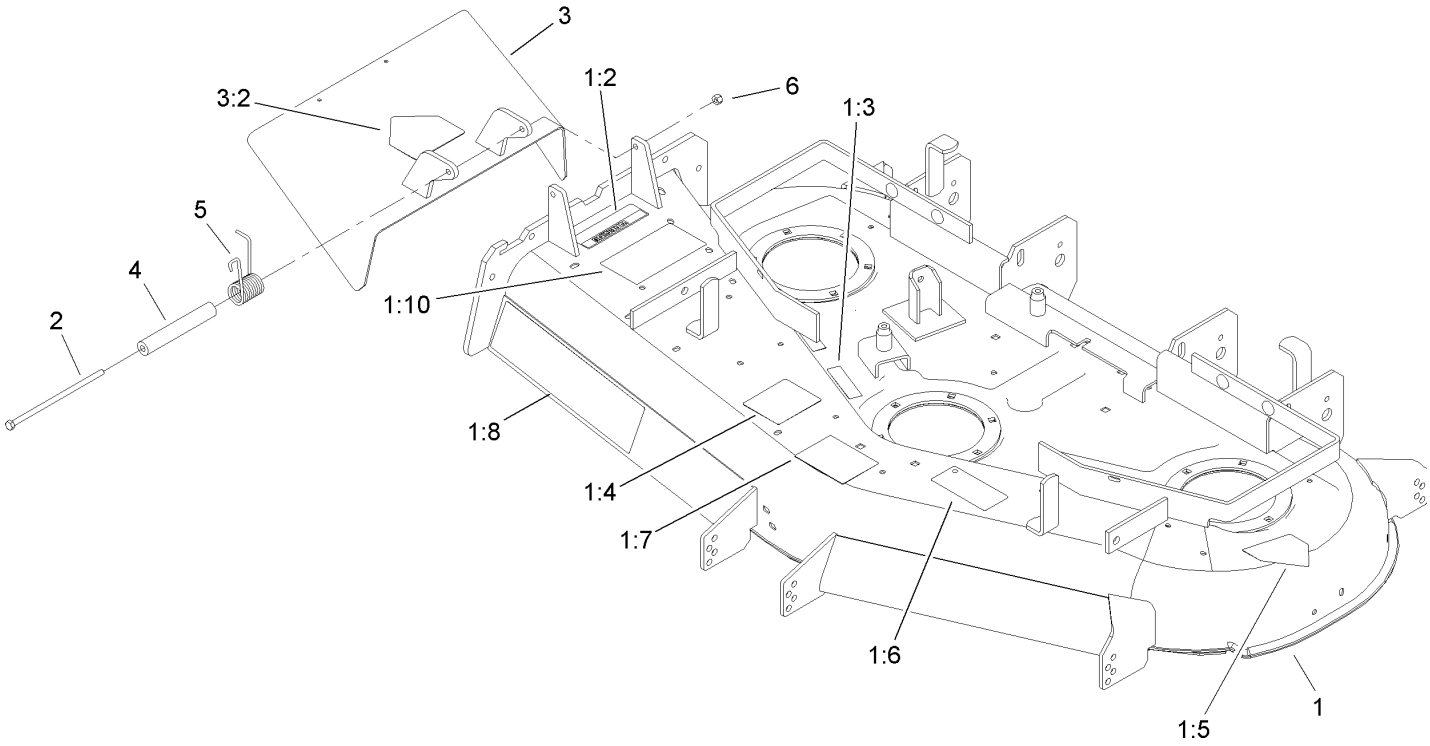
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	1-603610	2	Washer-Spring
3	103-0690	1	Clutch
4	103-3913	1	Sheave W/ Hub
5	1-807259	1	Key
6	103-2308	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	29	Nut-HF
9	322-3	23	Screw-HH
10	3296-29	4	Nut-Lock, NI
11	103-3078-03	1	Strap-Guard, RH Engine
12	103-3219-03	1	Guard-Rear
13	103-3164-03	1	Strap-Guard, LH Engine
14	103-2761	1	Muffler
15	33113-025	1	Screw-HH
16	1-805004	3	Washer-Lock
17	103-1966	1	Adapter
18	103-1965	1	Valve-Drain, Oil
19	1-633630	2	Grommet-Brake
20	1-633545	2	Spacer
21	1-613235	4	Washer
22	322-6	1	Screw-HH
23	1-303335	2	Tie-Plastic
24	103-2614	1	Spacer

Ref	Part No.	Qty.	Description
25	1-633543-03	1	Strap-Clutch, Brake
26	322-22	1	Screw-HH
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	4	Washer-Flat
33	32128-33	4	Nut-HF
❷36		1	Engine-Kawasaki, Fh601v-Ds06
37	1-303334	2	Washer-Spring
38	33114-020	1	Screw-HH
39	33113-016	2	Screw-HH
40	1-805005	1	Washer-Lock
41	103-3218-03	1	Guard-Tailpipe
45	103-3096	1	Spacer



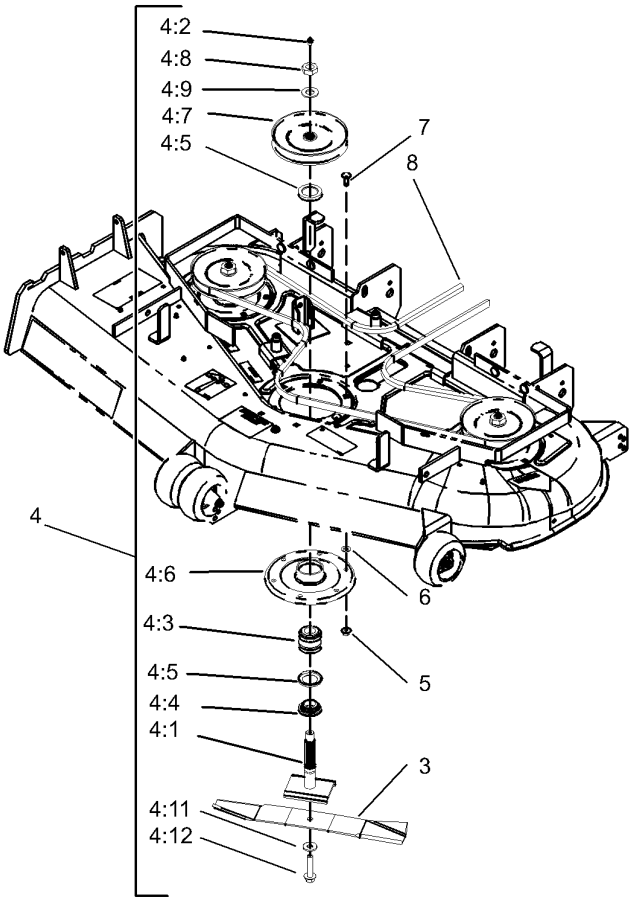
Deck Assembly

Ref	Part No.	Qty.	Description
1	3290-357	7	Nut-HHF
2	68-2730	5	Wheel-Gage
3	98-5967	1	Spacer
4	323-28	1	Screw-HH
12	32128-17	4	Nut-Lock, Flange
13	249-21	2	Clamp-Slotted
14	99-3896	1	LH Cover ASM
14:2	67-5360	1	Decal-Danger
15	99-3895	1	RH Cover ASM
15:2	67-5360	1	Decal-Danger
16	99-2842	3	Spacer
17	98-5975	3	Washer-Belleville
20	106-5876	1	Deck ASM
22	3290-321	4	Screw-HWH
24	321-1	6	Screw-HH
25	32128-33	6	Nut-HF
26	1-373034	3	Washer



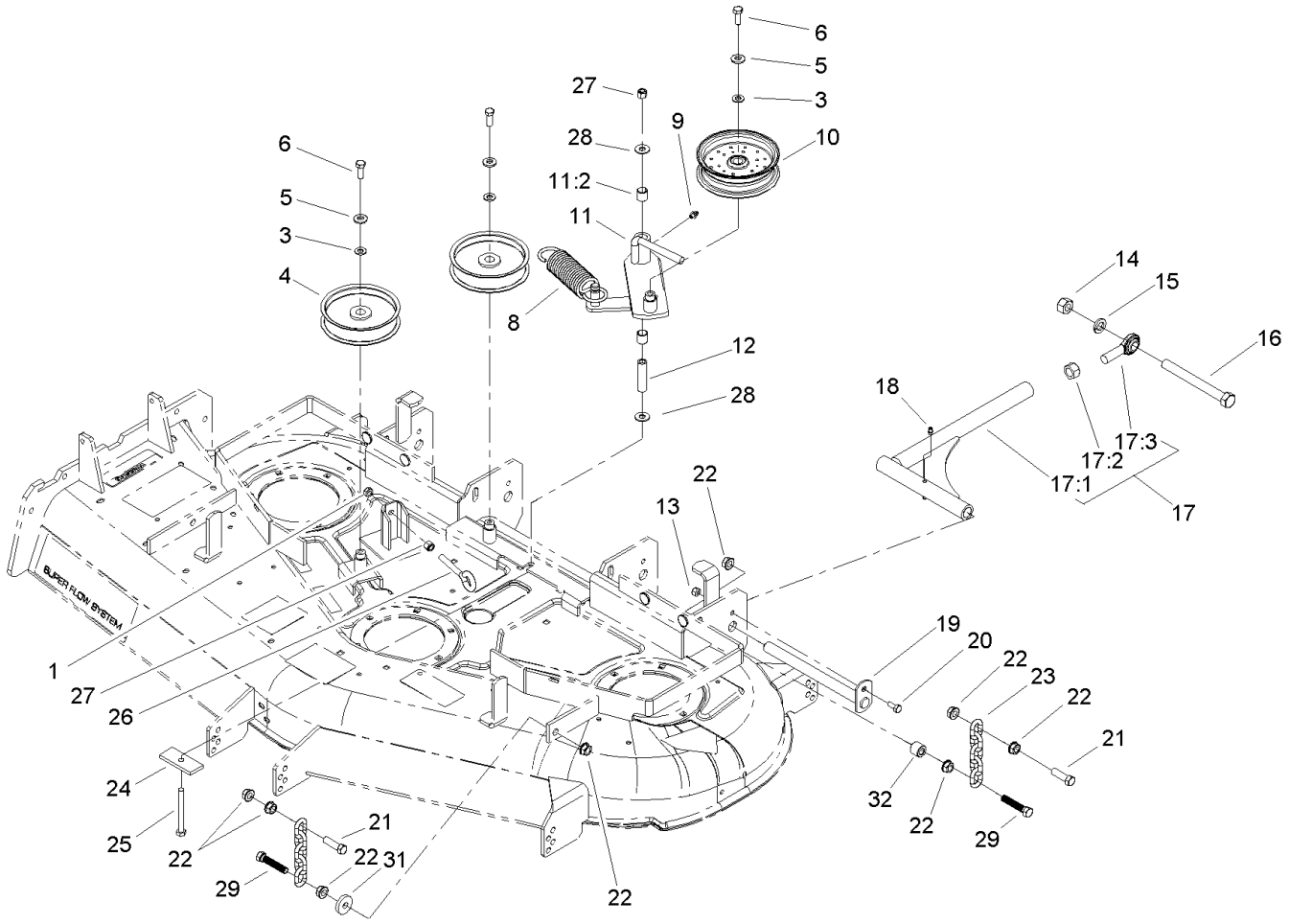
Deck Decal and Deflector Assembly No. 106-5876

Ref	Part No.	Qty.	Description
1	106-5875	1	Deck ASM
1:2	104-8569	1	Decal-Warning
1:3	98-5954	3	Decal-Missing, Cover
1:4	99-3943	1	Decal-Routing, Belt
1:5	43-8480	1	Decal-Danger
1:6	93-7818	1	Decal-Torque, Blade Bolt
1:7	98-3798	1	Decal-Wheel, Gage
1:8	98-5953	1	Decal
1:10	66-1340	1	Decal-Danger
2	322-50	1	Screw-HH
3	105-4623	1	Deflector ASM
3:2	93-1122	1	Decal-Danger
4	105-4622	1	Spacer
5	104-8554	1	Spring-Torsion
6	3296-29	1	Nut-Lock, NI



Deck Spindle Assembly

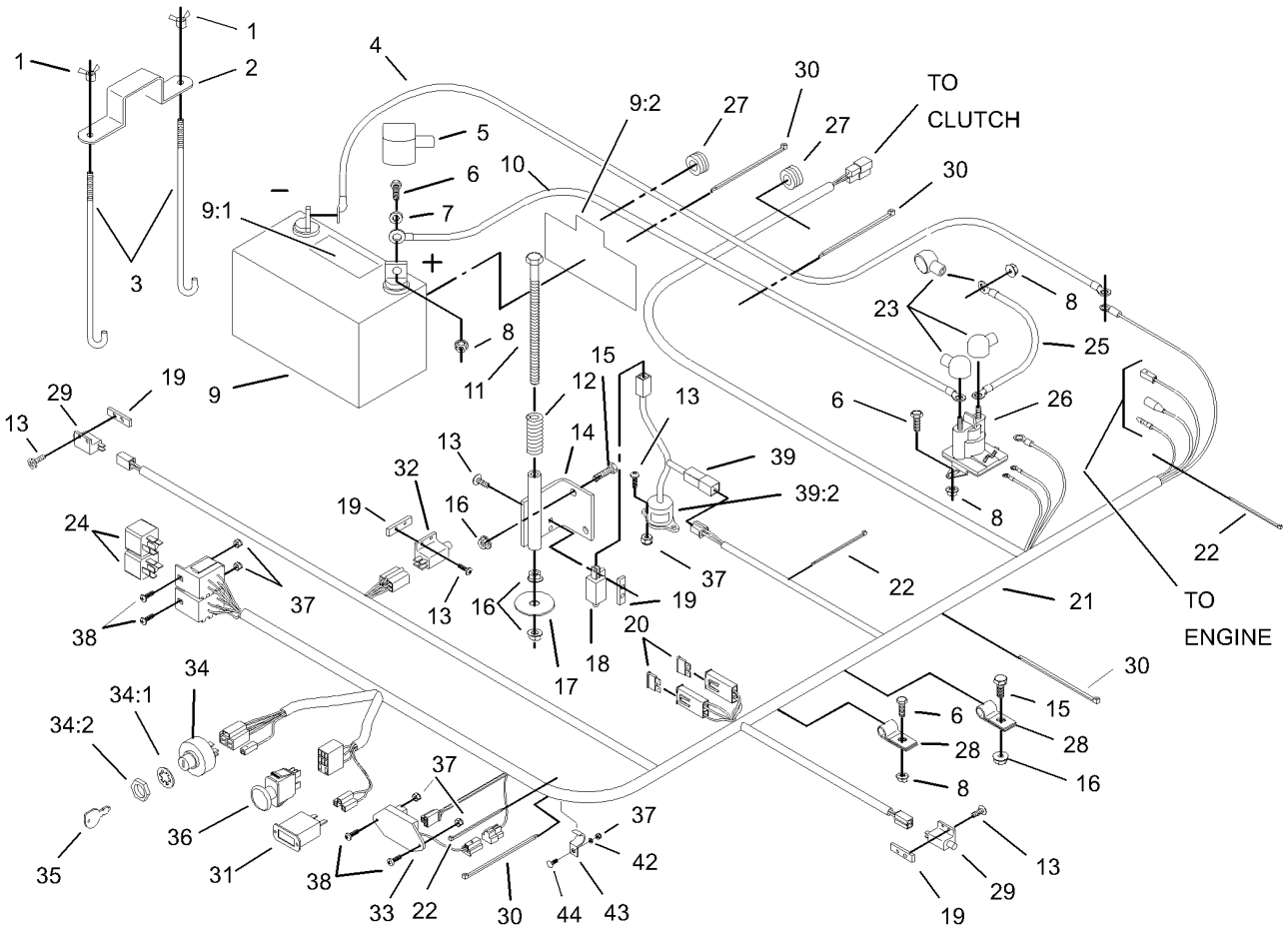
Ref	Part No.	Qty.	Description
3	56-2390	3	Blade-Sail, Extra High
4	100-3976	3	Spindle Housing ASM
4:1	100-3972	1	Spindle Shaft ASM
4:2	302-2	1	Fitting-Grease
4:3	46-8530	1	Bearing ASM
4:4	27-0950	1	Spacer
4:5	253-139	2	Seal-Oil
4:6	61-4160	1	Housing-Spindle
4:7	100-3970	1	Pulley And Hub ASM
4:8	32146-20	1	Nut-Jam
4:9	7-4150	1	Washer
4:11	1-513435	1	Washer-Spring
4:12	92-5816	1	Bolt-Blade
5	32128-21	18	Nut-HF
6	3256-24	6	Washer-Flat
7	3231-22	18	Screw-CARR
8	99-3904	1	Belt-Deck



Idler Pulley, Lift Strut and Chain Assembly

Ref	Part No.	Qty.	Description
1	3217-7	1	Nut-Hex
3	3256-24	3	Washer-Flat
4	1-613098	2	Pulley-Idler
5	98-5975	3	Washer-Belleville
6	323-6	3	Screw-HH
8	103-3330	1	Spring-Extension
9	302-40	1	Fitting-Grease
10	1-413099	1	Pulley-Idler
11	99-3879	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	1-603384	1	Bushing-Pivot, Idler
13	3296-29	2	Nut-Lock, NI
14	3217-11	2	Nut-Hex
15	3253-8	2	Washer-Lock
16	1-800344	2	Screw
17	103-1081	2	Strut ASM
17:1	103-1072-01	1	Strut
17:2	3219-6	1	Nut-Hex
17:3	1-633029	1	Balljoint-Spherical
18	302-19	4	Fitting-Grease
19	1-632199-01	2	Pin-Strut
20	322-3	2	Screw-HH
21	103-1898	8	Screw-HH
22	32128-37	16	Nut-HF

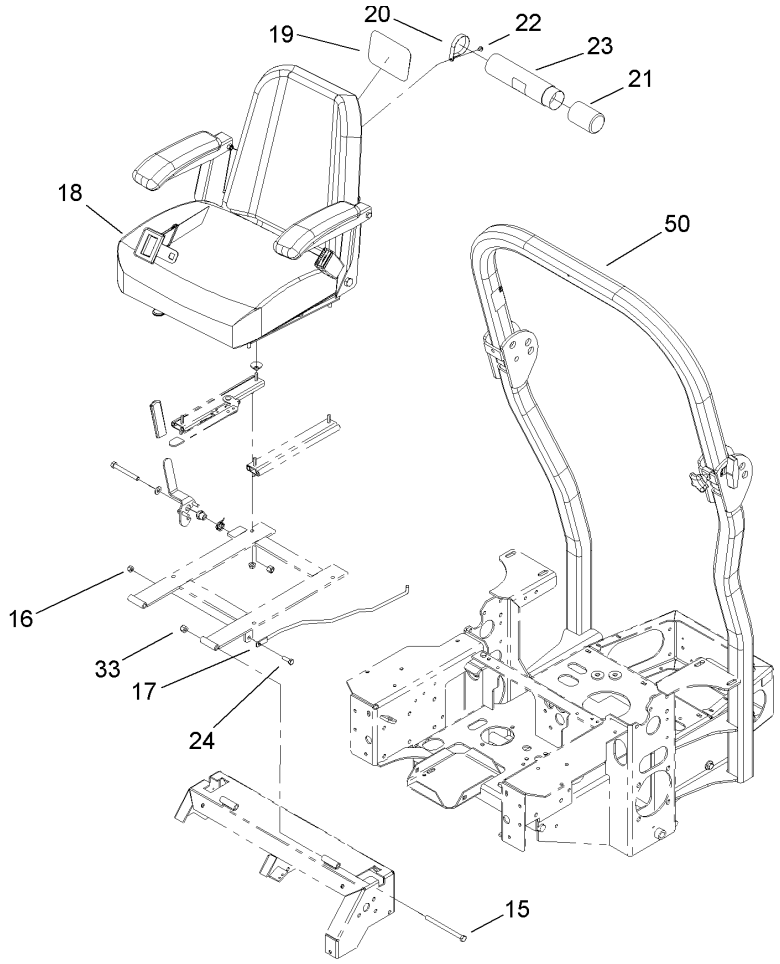
Ref	Part No.	Qty.	Description
23	1-633447	4	Chain-Lift, Deck
24	99-3946-01	1	Plate-Retainer, Bolt
25	1-800805	1	Screw-HH
26	94-2547	1	Bolt-Eye
27	3296-39	2	Nut-Lock, NI
28	1-809107	2	Washer-Hardened
29	107-3076	4	Screw HH
31	112843	2	Washer
32	100-7123	2	Spacer-Bedbar



Electrical System Assembly

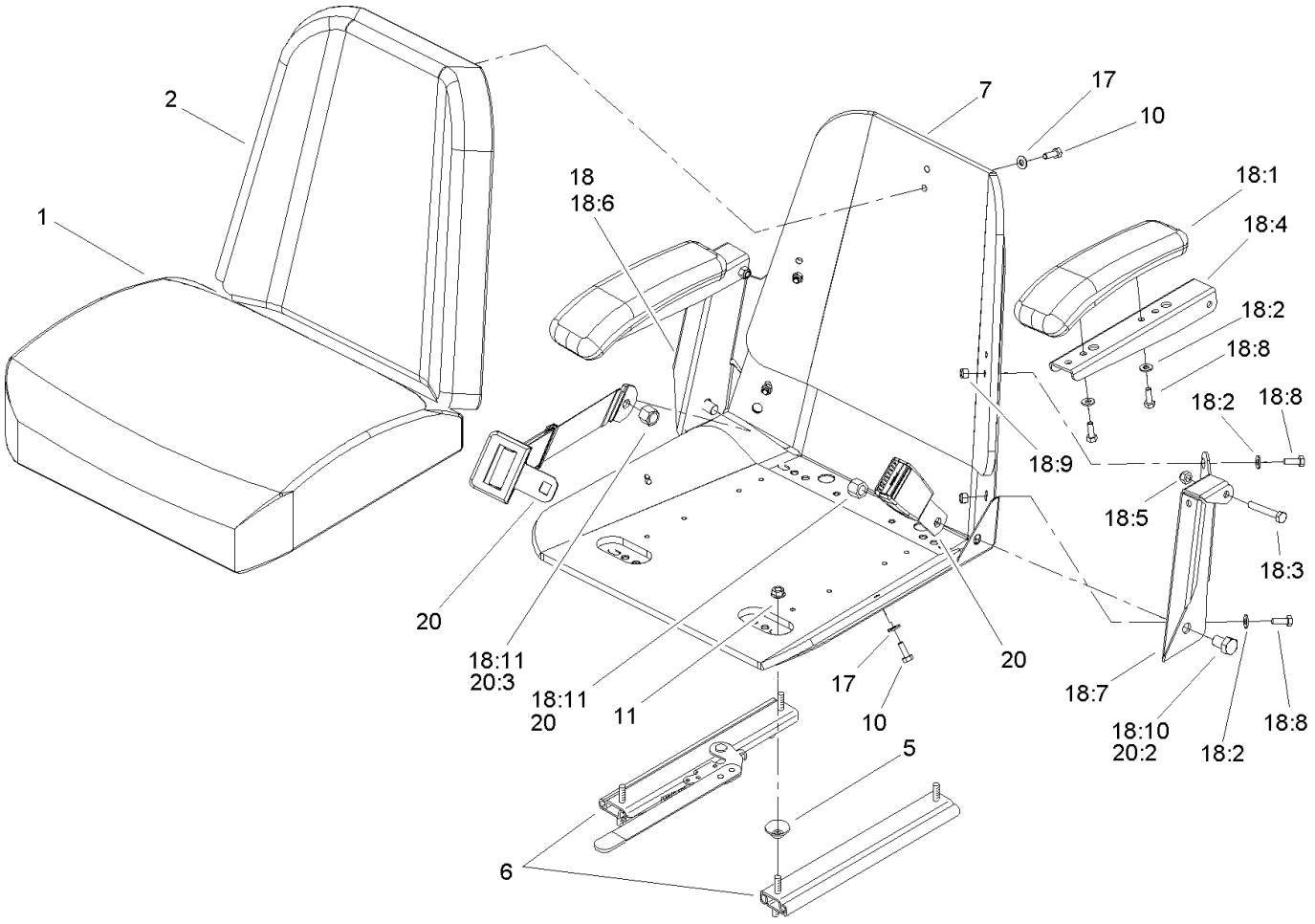
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	1-633652-03	1	Strap-Holddown
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	5	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	6	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	104-4164	1	Decal-Battery
10	103-0707	1	Cable-Battery, Positive
11	1-800282	1	Screw-HH
12	1-523415	1	Spring-Switch, Seat
13	3290-500	10	Screw-PPH
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	103-0623	1	Harness-Wire
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	Wire-Starter
26	1-513075	1	Switch-Solenoid
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	88-9830	1	Key Switch ASM
34:1	3254-5	1	Washer-Tooth
34:2	218-461	1	Nut-HH
35	63-8360	2	Key-Ignition
36	1-633673	1	Switch-Delta
37	3296-2	7	Nut-Lock
38	1-807513	4	Bolt-CARR
39	1-644427	1	Tilt Switch ASM
39:2	1-643401	1	Decal-Switch, Mercury
42	3256-14	1	Washer-Flat
43	103-1193	1	Clip-Half, Loom
44	1-807533	1	Bolt-CARR



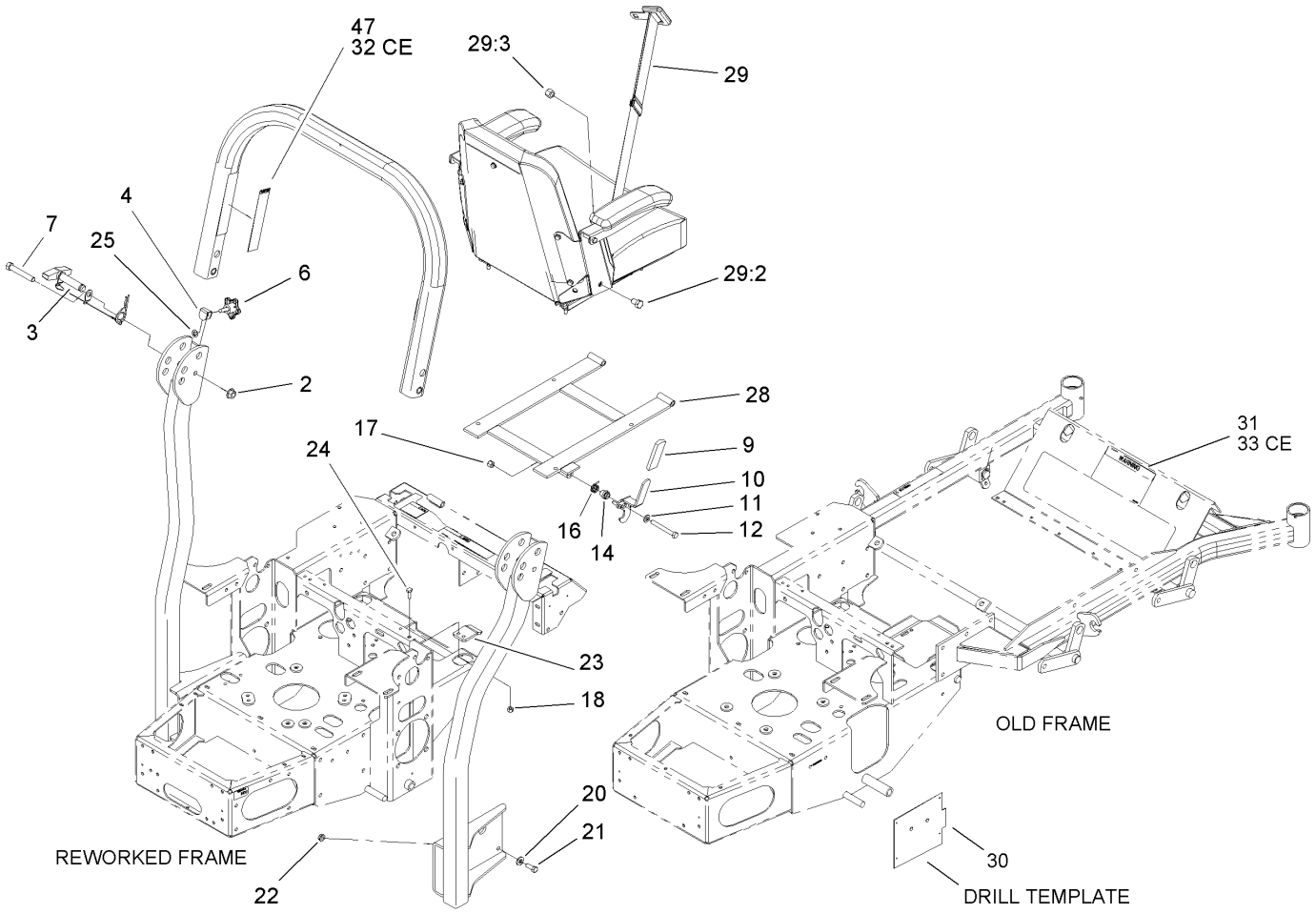
Seat and Roll-Over-Protection-System Assembly

Ref	Part No.	Qty.	Description
15	323-39	2	Screw-HH
16	3296-29	3	Nut-Lock, NI
17	103-1731	1	Rod-Retainer, Seat
18	107-1867	1	Seat ASM
19	99-4693	1	Decal
20	2412-120	2	R-Clamp
21	104-7048	1	Cap-Housing
22	32104-76	2	Screw
23	104-7050	1	Housing-Manual
24	322-5	1	Screw-HH
33	3296-39	3	Nut-Lock, NI
50	107-3066	1	Rops ASM



Seat Assembly No. 107-1867

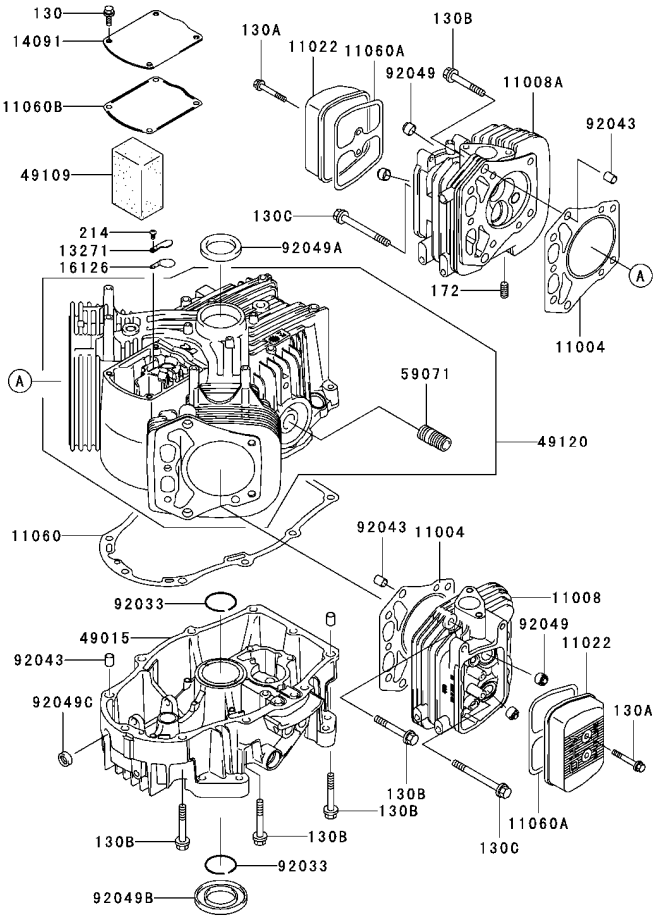
Ref	Part No.	Qty.	Description
1	103-0290	1	Cushion-Seat, Bottom
2	104-7754	1	Cushion-Seat, Back
5	1-543401	4	Spacer-Track
6	1-643255	1	Track-Seat
7	1-633859	1	Frame-Seat
10	321-30	11	Screw-HH
11	32128-20	4	Nut-HF
17	3256-22	11	Washer-Flat
18	105-3620	1	Armrest Kit
18:1	1-633710	2	Cushion-Armrest
18:2	3256-22	4	Washer-Flat
18:3	322-10	2	Screw-HH
18:4	105-3623	2	Channel-Armrest
18:5	32153-3	2	Nut-Lock
18:6	105-3621	1	Bracket-Armrest, RH
18:7	105-3622	1	Bracket-Armrest, LH
18:8	321-30	6	Screw-HH
18:9	3296-42	4	Nut-Lock, NI
18:10	325-2	2	Screw-HH
18:11	3296-23	2	Nut-Lock, NI
20	103-4469	1	Seatbelt Kit
20:2	3212-4	2	Screw-HH
20:3	3296-38	2	Nut-Lock NI



Roll-Over Protection System Assembly No. 107-3066

Ref	Part No.	Qty.	Description
2	32128-23	2	Nut-HF
3	107-3060	2	Pin Latch ASM
4	107-3124	2	Clip
6	106-0887	2	Knob
7	325-13	2	Screw-HH
9	62-9130	1	Grip-Handle
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
20	98-5975	8	Washer-Belleville
21	323-6	8	Screw-HH
22	3290-357	8	Nut-HHF
23	107-3059	1	Catch-Latch, Seat
24	322-4	2	Screw-HH
25	107-3154	2	Nut-Push
28	107-3052-03	1	Frame-Support, Seat
29	103-4469	1	Seatbelt Kit
29:2	3212-4	2	Screw-HH
29:3	3296-38	2	Nut-Lock NI
30	107-3079	1	Template-Mount, Rops

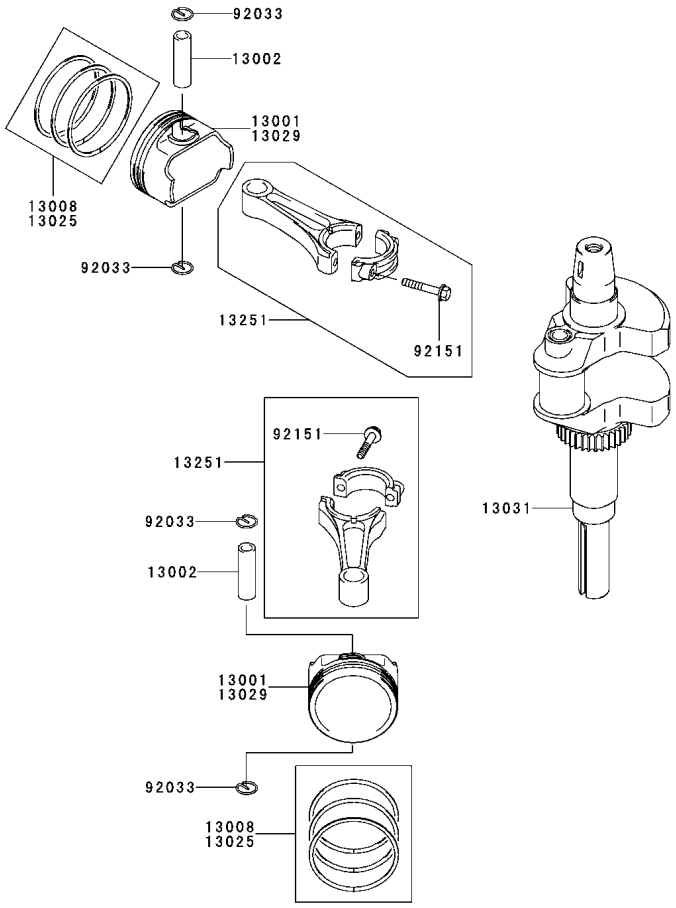
Ref	Part No.	Qty.	Description
31	107-2112	1	Decal-Warning
32	107-3069	1	Decal-Warning, Folding Rops Ce
33	107-1866	1	Decal-Danger, Slope
47	107-2102	1	Decal-Warning, Folding Rops



Cylinder/Crankcase Assembly Kawasaki FH680V-AS21

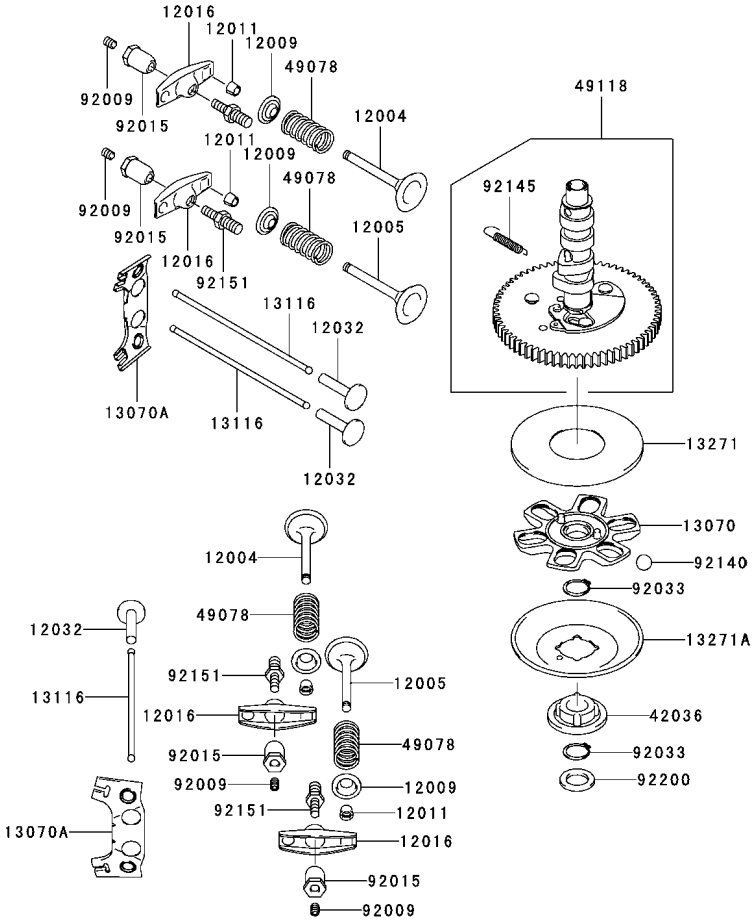
Ref	Part No.	Qty.	Description
❸11004	11004-7006	2	Gasket-Head
❸11008	11008-7012	1	Head-Comp-Cylinder No. 2
❸11008A	11008-7013	1	Head-Comp-Cylinder No. 1
❸11022	11022-7002	2	Case-Rocker
❸11060	11060-7012	1	Gasket, Crankcase Cover
❸11060A	11060-7013	2	Gasket, Rocker Case
❸11060B	11060-7014	1	Gasket, Breather
❸13271	13271-7006	1	Plate
❸14091	14091-7004	1	Cover
❸16126	16126-7001	1	Valve
❸49015	49015-6225	1	Cover-Crankcase
❸49109	49109-7003	1	Element-Breather
❸49120	49120-7019	1	Crankcase-Comp
❸59071	59071-2079	1	Joint
❸92033	92033-7004	2	Ring-Snap
❸92043	92043-7001	6	Pin
❸92049	92049-7001	4	Seal-Oil
❸92049A	92049-7002	1	Seal-Oil
❸92049B	92049-7004	1	Seal-Oil
❸92049C	92049-7005	1	Seal-Oil
❸130	130B0612	4	Bolt-Flanged
❸130A	130B0640	4	Bolt-Flanged
❸130B	130T0850	18	Bolt-Flanged
❸130C	130T0875	2	Bolt-Flanged

Ref	Part No.	Qty.	Description
❸172	172G0818	4	Bolt-Stud
❸214	214B0408	1	Screw-Pan



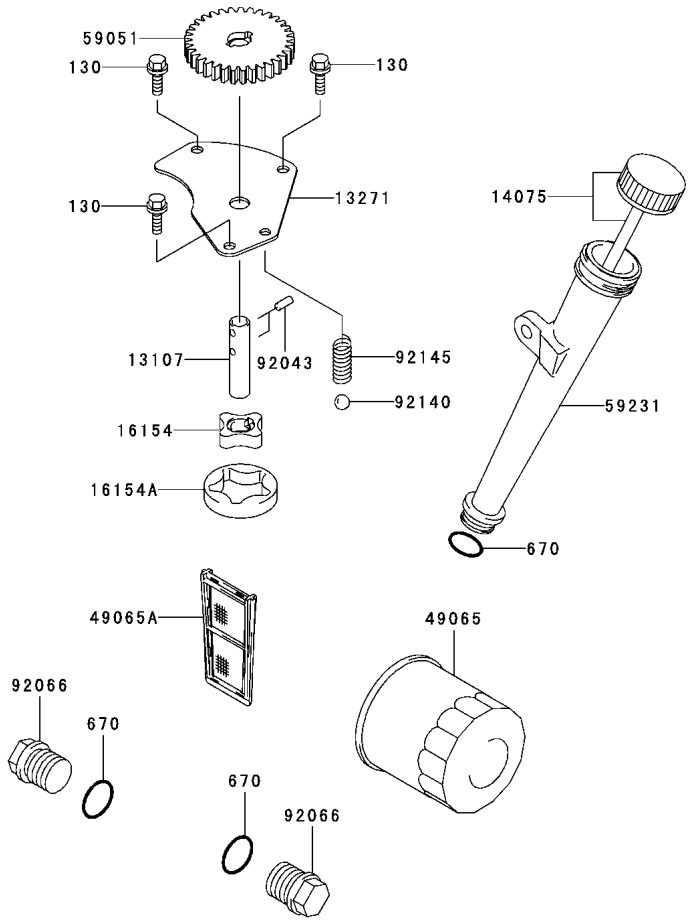
Piston/Crankshaft Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸13001	13001-7007	2	Piston-Engine
❸13002	13002-7001	2	Pin-Piston
❸13008	13008-6058	2	Ring-Set-Piston
❸13025	13025-7002	0	Ring-Set, Pistonl,0.50
❸13029	13029-7003	0	Piston-Engine L,0.50
❸13031	13031-7023	1	Crankshaft-Comp
❸13251	13251-7005	2	Connecting Rod ASM
❸92033	92033-7005	4	Ring-Snap
❸92151	92151-7017	4	Bolt



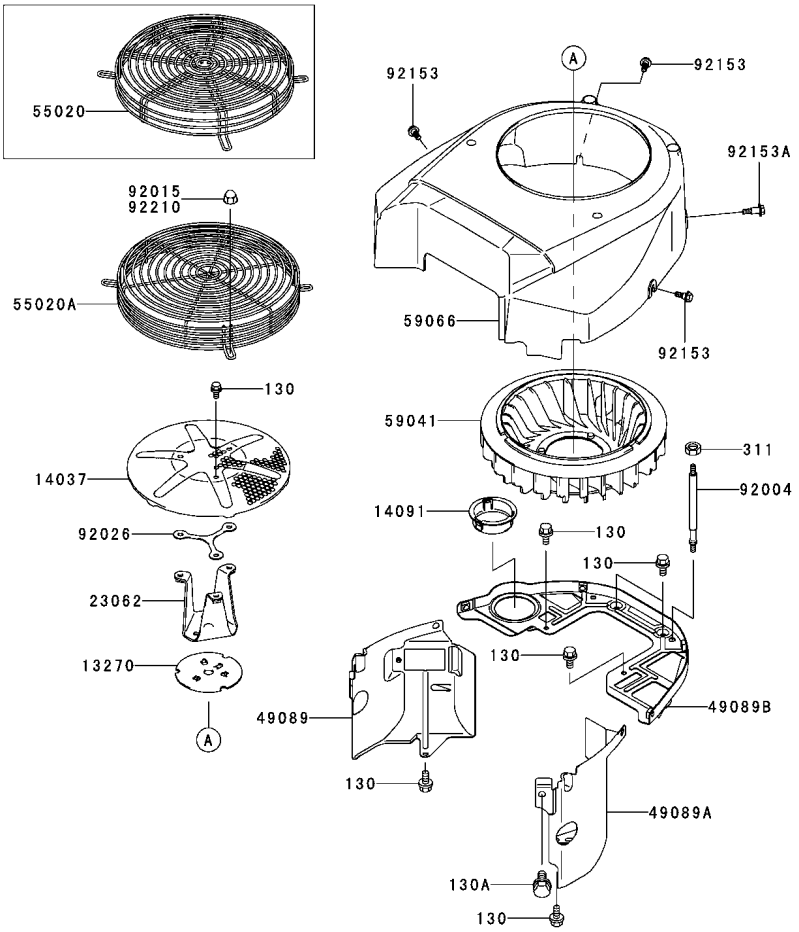
Valve/Camshaft Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸12004	12004-7002	2	Valve-Intake
❸12005	12005-7002	2	Valve-Exhaust
❸12009	12009-7001	4	Retainer-Valve Spring
❸12011	12011-2056	8	Collet
❸12016	12016-7006	4	Arm-Rocker
❸12032	12032-7001	4	Tappet
❸13070	13070-7004	1	Guide
❸13070A	13070-7007	2	Guide
❸13116	13116-7002	4	Rod-Push
❸13271	13270-7007	1	Plate
❸13271A	13271-7021	1	Plate
❸42036	42036-7001	1	Sleeve
❸49078	49078-7002	4	Spring-Engine Valve
❸49118	49118-7007	1	Camshaft-Comp
❸92009	92009-2341	4	Screw
❸92015	92015-2253	4	Nut
❸92033	92033-7001	2	Ring-Snap
❸92140	92140-7002	6	Ball
❸92145	92145-7001	1	Spring
❸92151	92151-7019	4	Bolt
❸92200	92200-7001	1	Washer



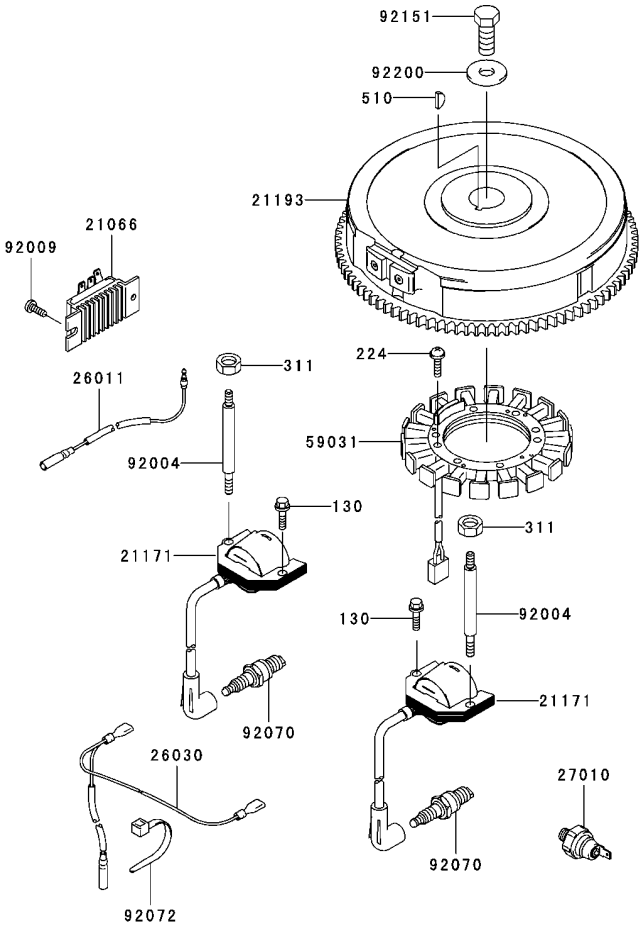
Lubrication Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸13107	13107-7009	1	Shaft
❸13271	13271-7005	1	Plate
❸14075	14075-7008	1	Cap-Assy
❸16154	16154-2053	1	Rotor-Pump,in
❸16154A	16154-2054	1	Rotor-Pump,out
❸49065	49065-2078	1	Filter-Oil
❸49065A	49065-7003	1	Filter-Oil
❸59051	59051-7011	1	Gear-Spur
❸59231	59231-7002	1	Filler
❸92043	92043-7006	2	Pin
❸92066	92066-7003	2	Plug
❸92140	92140-7003	1	Ball
❸92145	92145-7002	1	Spring
❸130	130B0612	3	Bolt-Flanged
❸670	670D2016	3	0-Ring



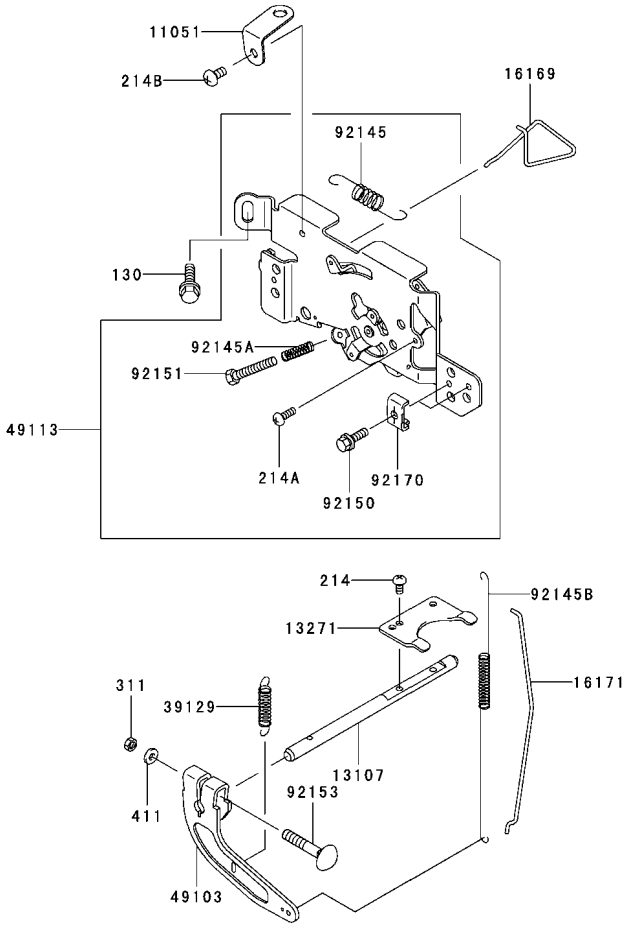
Cooling Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸13270	13270-7007	1	Plate
❸14037	14037-7008-9H	1	Screen
❸14091	14091-7002	1	Cover
❸23062	23062-7005	1	Bracket-Comp
❸49089	49089-7004	1	Shroud-Engine
❸49089A	49089-7005	1	Shroud-Engine
❸49089B	49089-7030	1	Shroud-Engine
❸55020	55020-7002	1	Guard
❸55020A	55020-7007	1	Guard
❸59041	59041-7003	1	Fan
❸59066	59066-7004	1	Housing-Fan
❸92004	92004-7006	2	Stud
❸92015	92015-1170	4	Nut
❸92026	92026-7007	0	Spacer
❸92153	92153-7007	3	Bolt
❸92153A	92153-7008	1	Bolt
❸92210	92210-0003	4	Nut
❸130	130B0612	9	Bolt-Flanged
❸130A	130B0816	1	Bolt-Flanged
❸311	311B0600	2	Nut



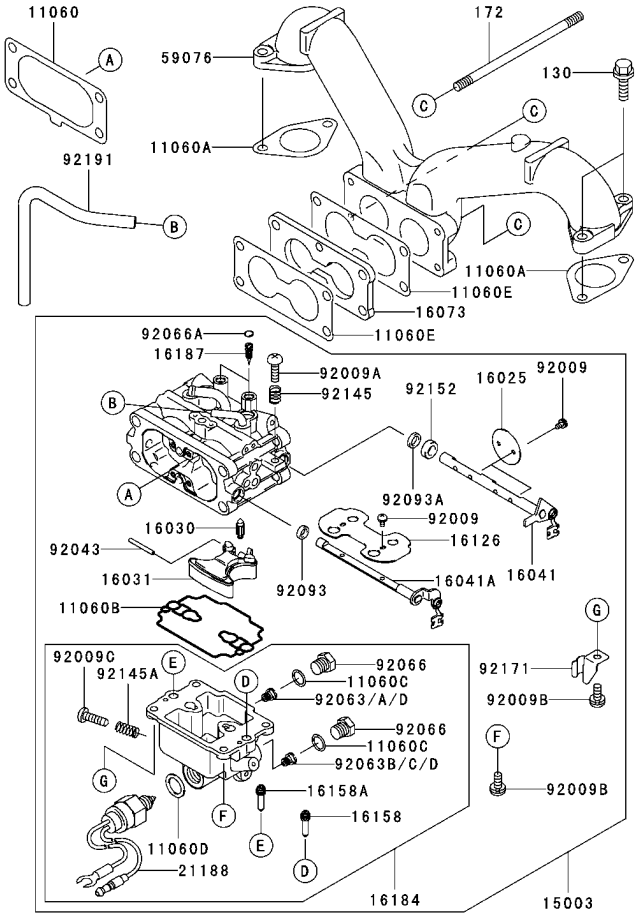
Electric Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸21066	21066-7006	1	Regulator-Voltage
❸21171	21171-7007	2	Coil-Assy-Ignition
❸21193	21193-7019	1	Flywheel-Assy
❸26011	26011-7008	1	Wire-Lead
❸26030	26030-7002	1	Harness
❸27010	27010-7001	1	Switch
❸59031	59031-7001	1	Coil-Charging
❸92004	92004-7009	2	Stud
❸92009	92009-2308	1	Screw
❸92070	92070-7004	2	Plug-spark,bpr4es(Ngk), Solid
❸92072	92072-7003	2	Band
❸92151	92151-2097	1	Bolt
❸92200	92200-7002	1	Washer
❸130	130B0620	2	Bolt-Flanged
❸224	224B0520	4	Screw-Pan-Wp-Cros
❸311	311B0600	2	Nut
❸510	510A5100	1	Key



Control Equipment Assembly Kawasaki FH680V-AS21

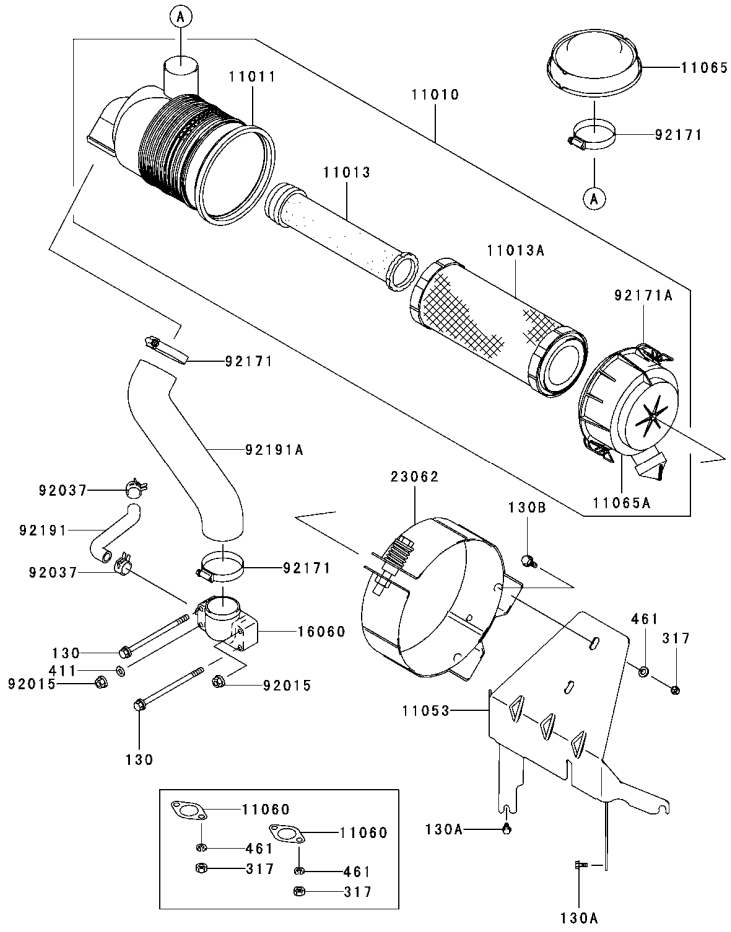
Ref	Part No.	Qty.	Description
❸11051	11051-7008	1	Bracket
❸13107	13107-7013	1	Shaft
❸13271	13271-7018	1	Plate
❸16169	16169-7006	1	Link-Choke
❸16171	16171-7004	1	Link
❸39129	39129-7004	1	Spring-Governor
❸49103	49103-7004	1	Arm-Governor
❸49113	49113-7017	1	Panel-Comp-Control
❸92145	92145-7004	1	Spring
❸92145A	92145-7005	1	Spring
❸92145B	92145-7009	1	Spring
❸92150	92150-2182	2	Bolt
❸92151	92151-7014	1	Bolt, 5x30
❸92153	92153-7005	1	Bolt
❸92170	92170-7001	2	Clamp
❸130	130B0612	2	Bolt-Flanged
❸214	214B0408	2	Screw-Pan
❸214A	214B0412	1	Screw-Pan
❸214B	214B0510	1	Screw-P
❸311	311B0600	1	Nut
❸411	411b0600	1	Washer



Carburetor Assembly Kawasaki FH680V-AS21

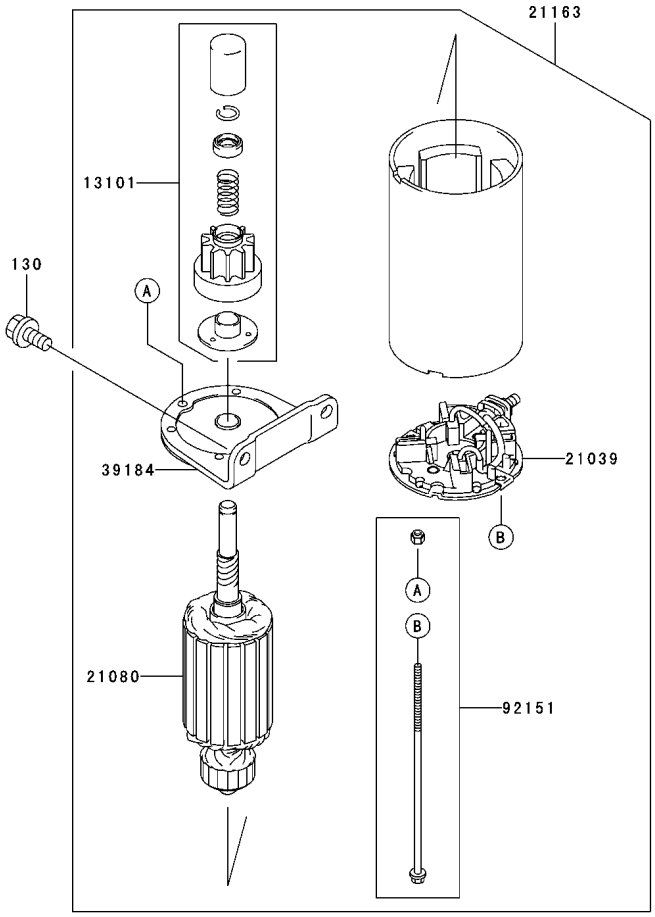
Ref	Part No.	Qty.	Description
❸11060	11060-7009	1	Gasket, Air Filter
❸11060A	11060-7011	2	Gasket
❸11060B	11060-7018	1	Gasket, Float Chamber
❸11060C	11060-7019	2	Gasket, Main Plug
❸11060D	11060-7020	1	Gasket, Solenoid
❸11060E	11060-7024	2	Gasket-Carburetor
❸15003	15003-7073	1	Carburetor-Assy
❸16025	16025-7003	2	Valve-Throttle
❸16030	16030-7002	1	Valve-Float
❸16031	16031-7001	1	Float
❸16041	16041-7004	1	Shaft-Carburetor Throttle
❸16041A	16041-7007	1	Shaft-Carburetor, Choke
❸16073	16073-7005	1	Insulator
❸16126	16126-7004	1	Valve, Choke
❸16158	16158-7007	1	Jet-Slow, No.56
❸16158A	16158-7008	1	Jet-Slow, No.42
❸16184	16184-7010	1	Chamber-Assy-Float
❸16187	16187-7002	2	Needle-Jet
❸21188	21188-7001	1	Solenoid
❸59076	59076-7002	1	Manifold-Intake
❸92009	92009-7003	6	Screw
❸92009A	92009-7004	1	Screw
❸92009B	92009-7005	4	Screw
❸92009C	92009-7006	1	Screw, Drain

Ref	Part No.	Qty.	Description
❸92043	92043-7004	1	Pin-Float
❸92063	92063-7017	1	Jet-Main, No.133
❸92063A	92063-7018	1	Jet-Main, No.130
❸92063B	92063-7019	1	Jet-Main, No.139
❸92063C	92063-7020	1	Jet-Main, No.134
❸92063D	92063-7038	2	Jet-Main, No.114
❸92066	92066-7008	2	Plug, Main Jet
❸92066A	92066-7009	2	Plug, Extension
❸92093	92093-7001	1	Seal
❸92093A	92093-7002	1	Seal
❸92145	92145-7010	1	Spring
❸92145A	92145-7011	1	Spring
❸92152	92152-7001	1	Collar
❸92171	92171-7001	1	Clamp
❸92191	92191-7023	1	Tube
❸130	130B0620	4	Bolt-Flanged
❸172	172G06105	2	Bolt-Stud



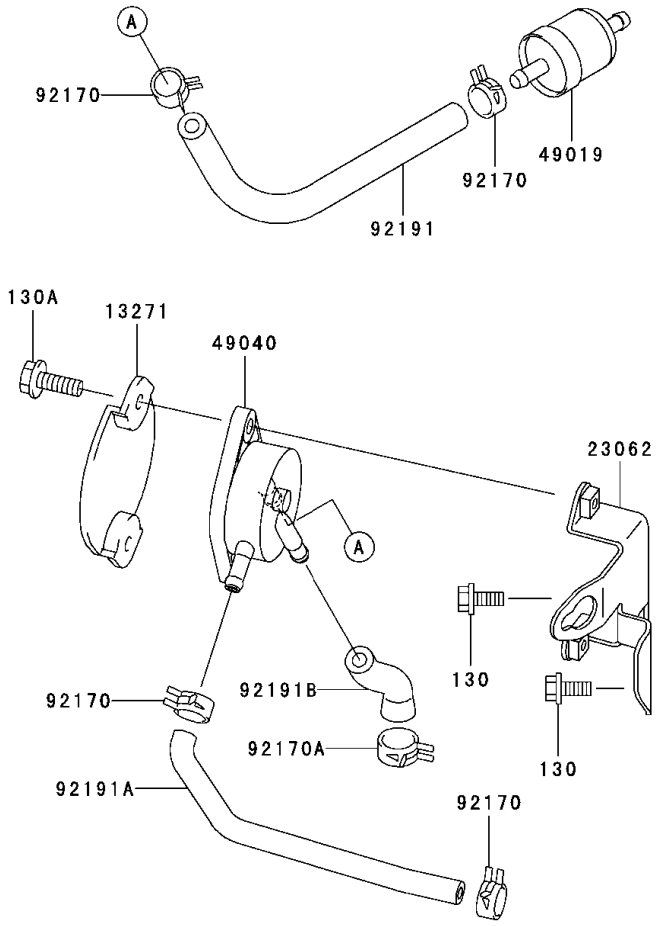
Air Filter and Muffler Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸11010	11010-7004	1	Filter-Assy-Air
❸11011	11011-7014	1	Case-Air Filter
❸11013	11013-7019	1	Element-Air Filter
❸11013A	11013-7020	1	Element-Air Filter
❸11060	11060-7016	2	Gasket, Muffler
❸11065	11065-7006	1	Cap
❸11065A	11065-7008	1	Cap
❸16060	16060-7005	1	Pipe-Intake
❸92015	92015-1193	2	Nut
❸92037	92037-2079	2	Clamp
❸92171	92171-7007	3	Clamp
❸92171A	92171-7009	2	Clamp
❸92191	92191-7006	1	Tube
❸92191A	92191-7028	1	Tube
❸130	130B06105	2	Bolt-Flanged
❸130A	130B0612	2	Bolt-Flanged
❸130B	130B0816	2	Bolt-Flanged
❸317	317R0800	6	Nut-Hex
❸411	411b0600	1	Washer
❸461	461F0800	6	Washer-Lock



Starter Assembly Kawasaki FH680V-AS21

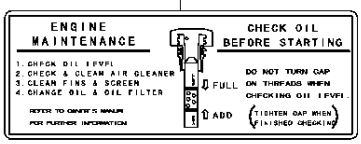
Ref	Part No.	Qty.	Description
❸13101	13101-7001	1	Gear ASM
❸21039	21039-7001	1	Brush
❸21080	21080-7001	1	Armature
❸21163	21163-7001	1	Starter-Electric
❸39184	39184-7001	1	Bracket ASM
❸92151	92151-7013	1	Bolt
❸130	130B0816	2	Bolt-Flanged



Fuel Tank/Fuel Valve Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸13271	13271-7004	1	Plate
❸23062	23062-7004-9H	1	Bracket-Comp
❸49019	49019-7001	1	Filter-Fuel
❸49040	49040-7001	1	Pump-Fuel
❸92170	92170-2088	4	Clamp
❸92170A	92170-7003	1	Clamp
❸92191	92191-7003	1	Tube
❸92191A	92191-7017	1	Tube
❸92191B	92191-7027	1	Tube
❸130	130B0616	2	Bolt-Flanged
❸130A	130B0620	2	Bolt-Flanged

56033



56080



Decal Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description
❸56033	56033-7002	1	Label-Manual
❸56080	56080-7009	1	Decal-Brand


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