



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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

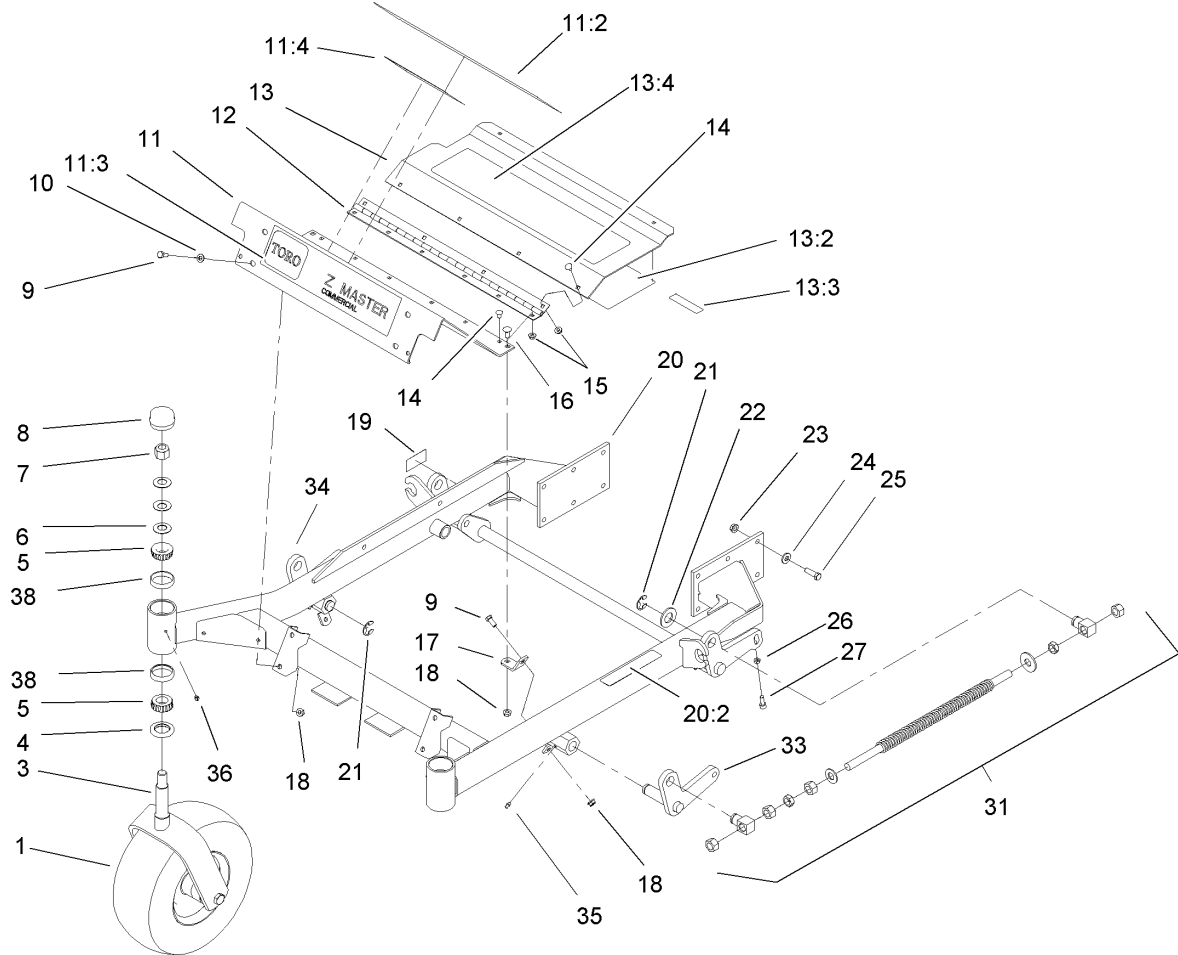
AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	PPH.	phillips pan head
GA.	gauge	PTH.	phillips truss head
HF.	hex flange	PTO.	power take off
HH.	hex head	RH.	right hand
HHF.	hex head flange	SFH.	slotted fillister head
HHFTF.	hex head flange thread forming	SHH.	slotted hex head
HJ.	hex jam	SHWH.	slotted hex washer head
HLH.	hex lag head	SPH.	slotted pan head
HOC.	height-of-cut	SQH.	square head
HS.	hex	SRH.	slotted round head
HSBH.	hex socket button head	STD.	standard
HSFH.	hex socket flat head	TAP.	self tapping
HSH.	hex socket head	TTH.	torx truss head
HWH.	hex washer head	WH.	wing head
HWHTF.	hex washer head thread forming		

Footnotes

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

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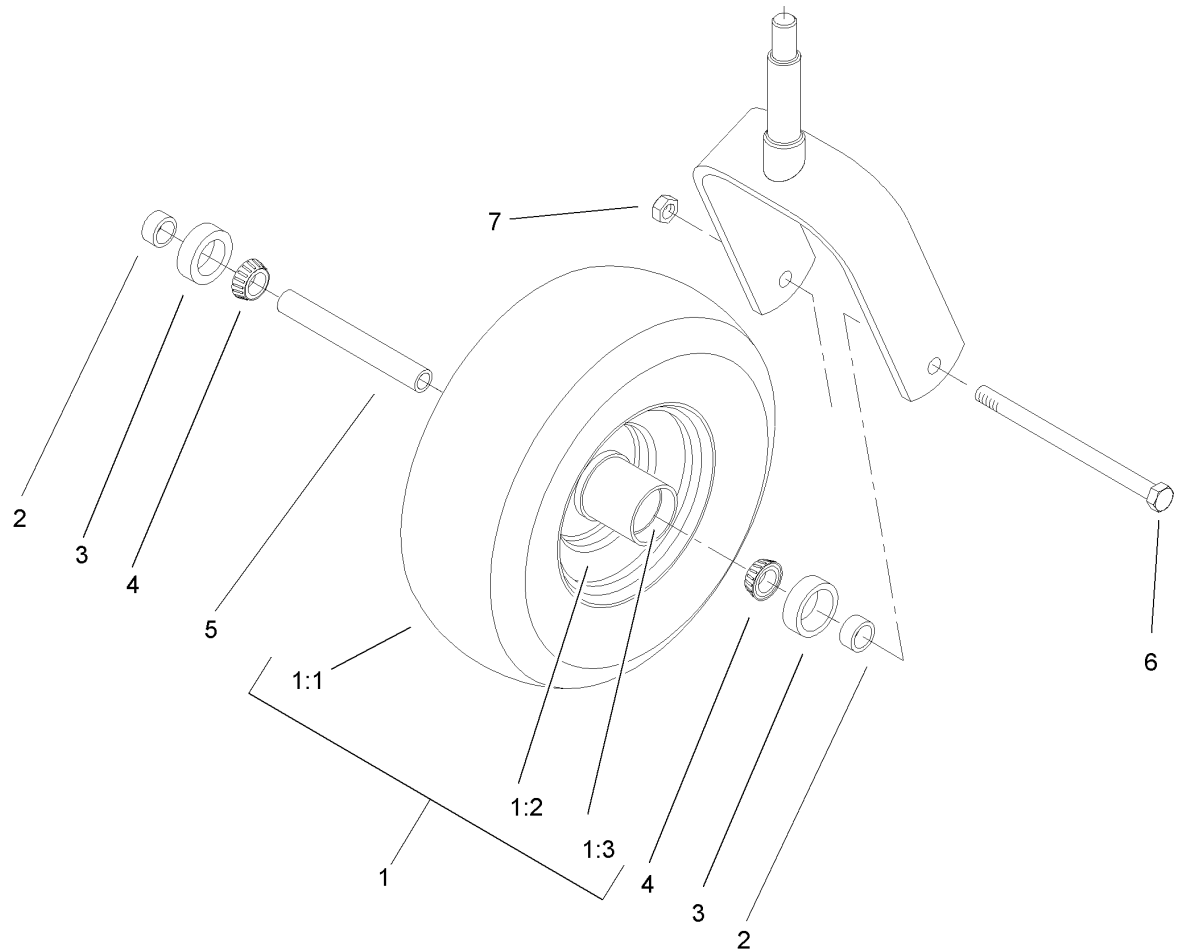
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Front Frame Assembly

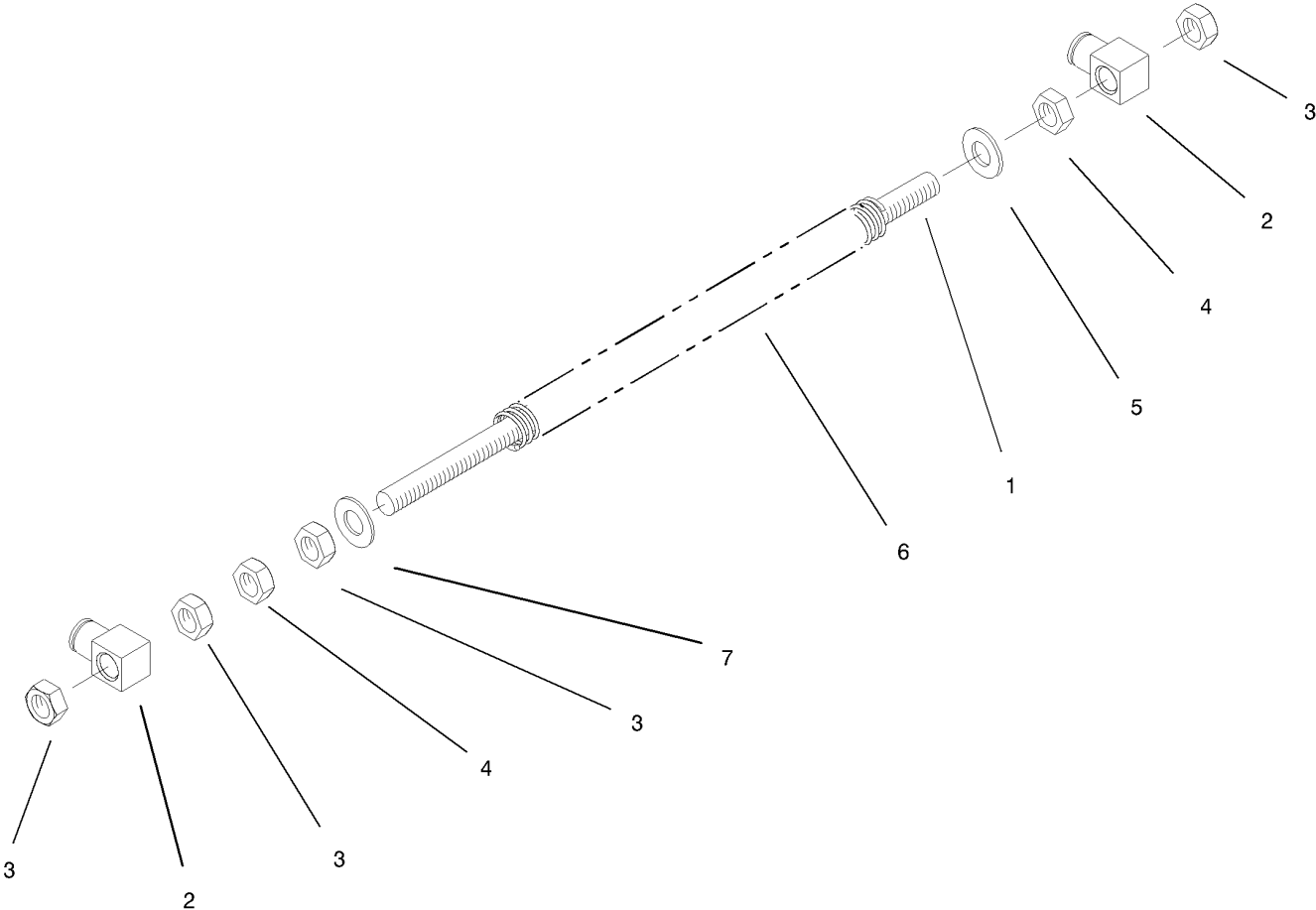
Ref	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Cone, Taper
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
9	322-3	6	Screw-HH
10	3256-23	4	Washer-Flat
11	107-2107	1	Floorpan ASM
11:2	1-633553	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



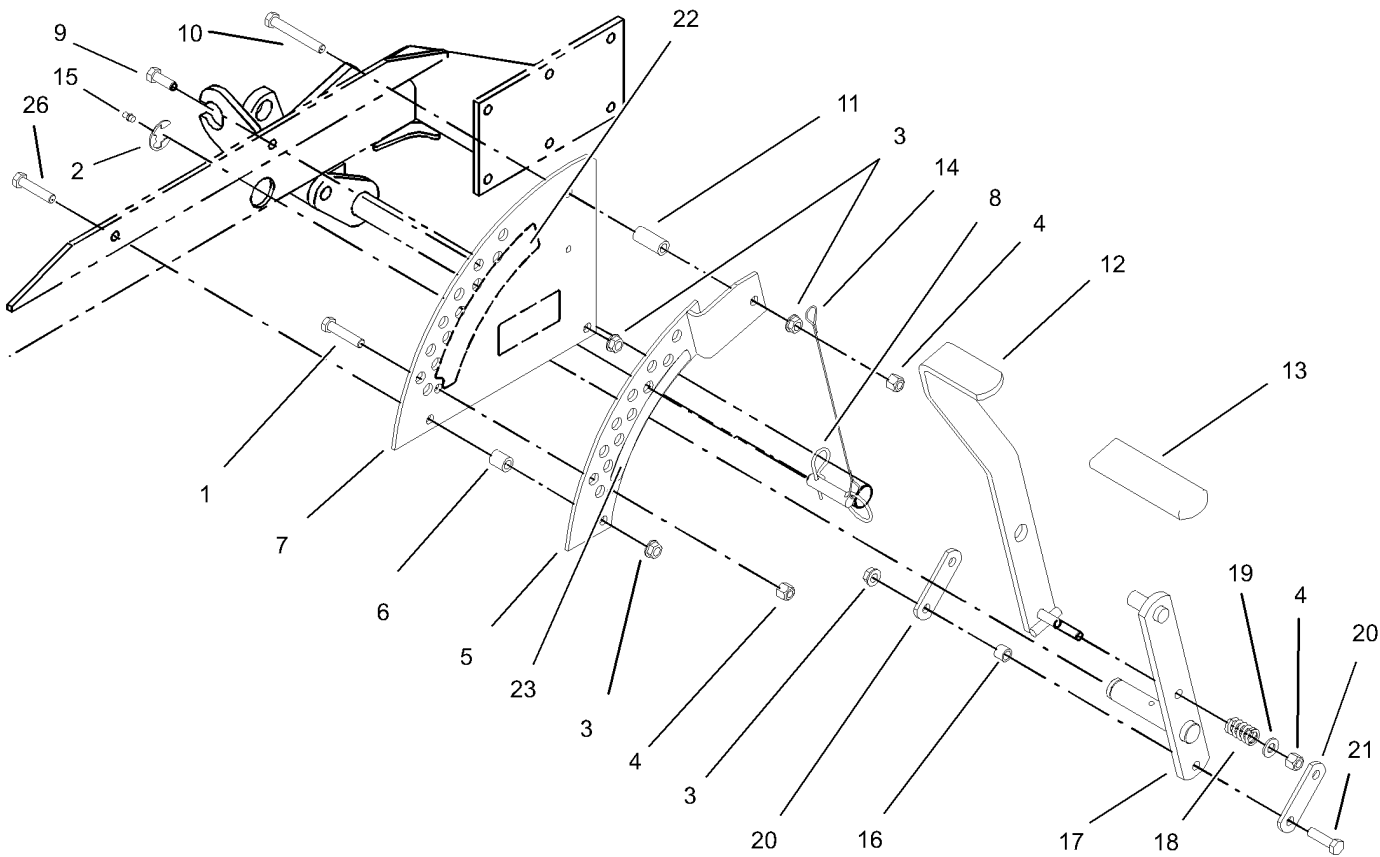
Caster Wheel Assembly No. 1-634662

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				



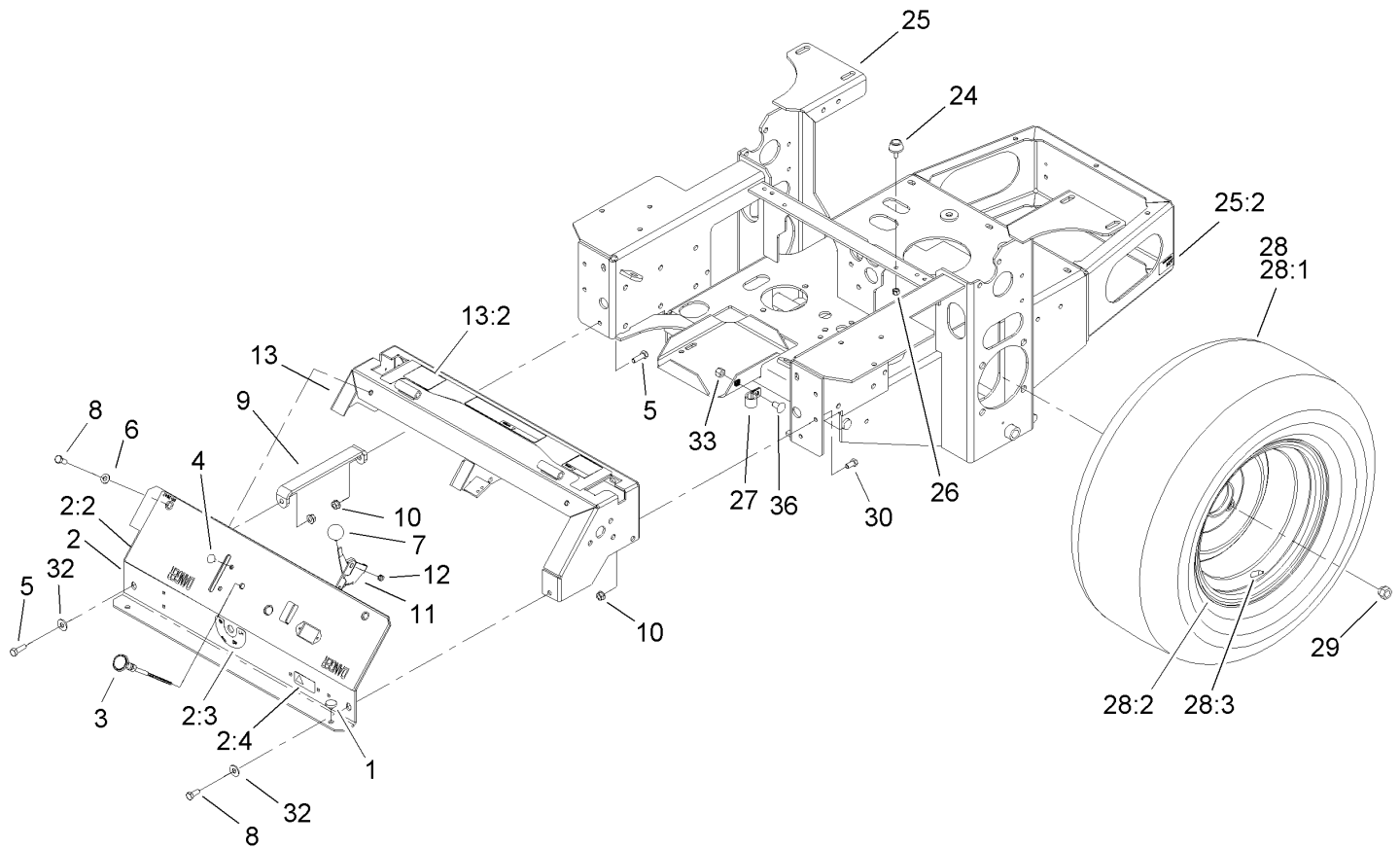
Front Spring Assembly No. 103-1987

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

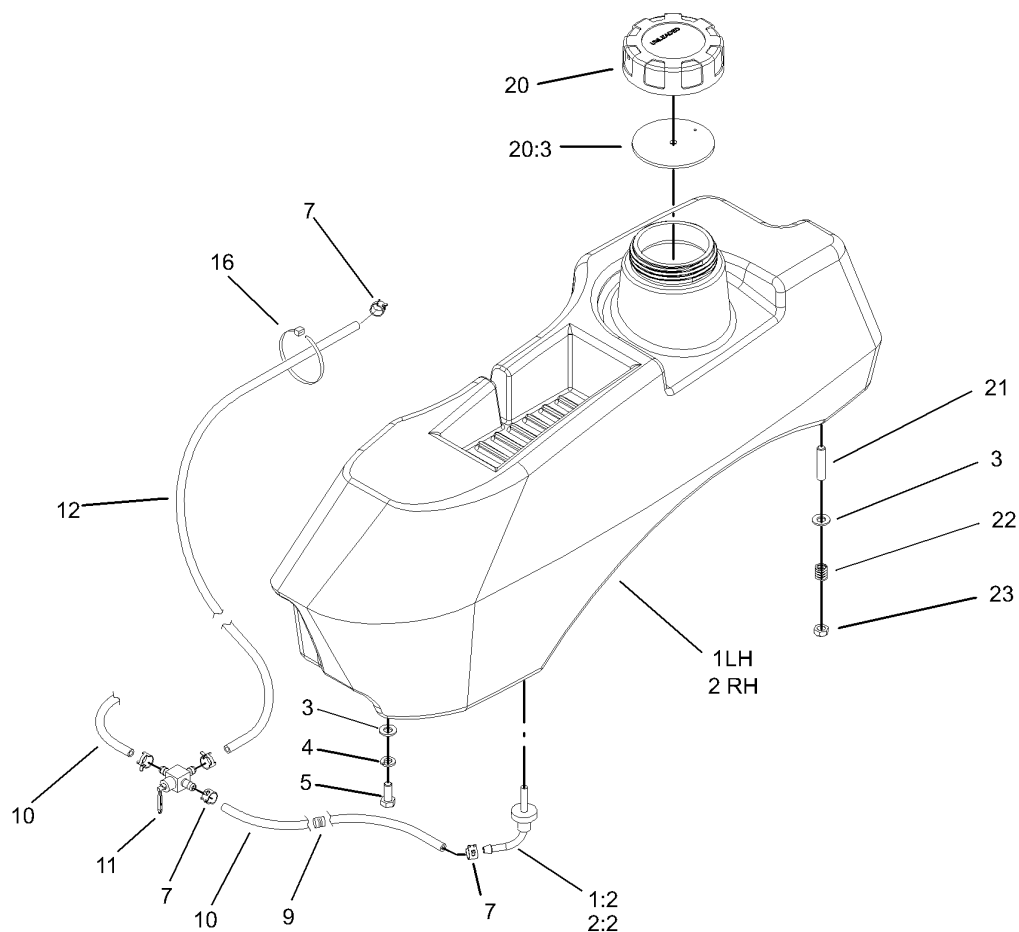
Ref	Part No.	Qty.	Description				
1	323-9	1	Screw-HH				
2	32151-103	1	Ring-Snap				
3	3290-357	5	Nut-HHF				
4	3296-39	3	Nut-Lock, NI				
5	1-652235-01	1	Plate-Lift, Deck				
6	1-633080	1	Bushing-Lever, Lift				
7	1-653230-01	1	Plate-Lift, Deck				
8	1-806005	1	Pin-Hair				
9	323-6	1	Screw-HH				
10	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

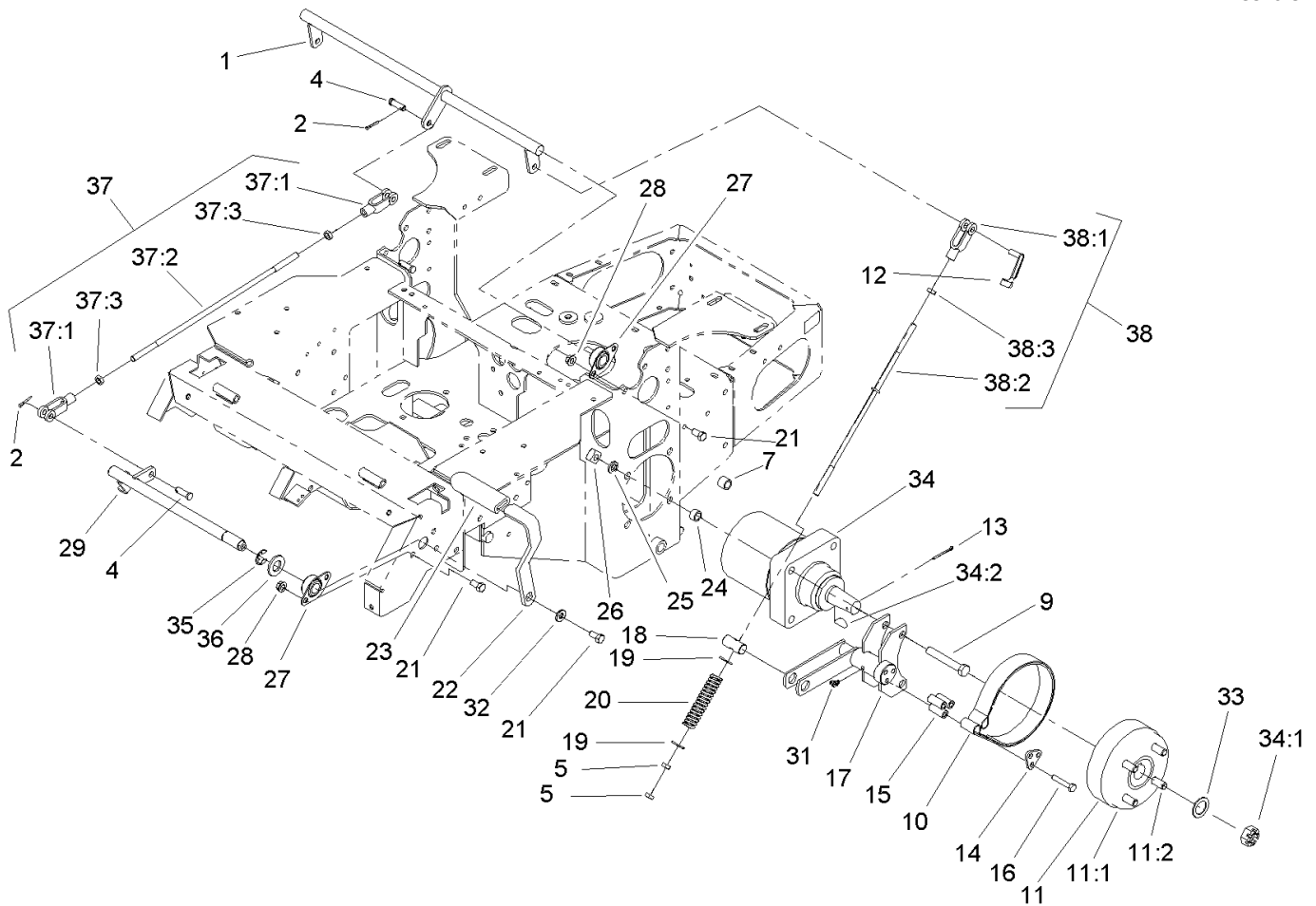
Ref	Part No.	Qty.	Description
1	1-513658	2	Bumper
2	106-6589	1	Console ASM
2:2	106-6586	1	Decal-Panel, Control
2:3	103-0262	1	Decal-Valve, Fuel
2:4	98-4387	1	Decal-Protection, Ear
3	1-603336	1	Control-Choke
4	1-807513	2	Bolt-CARR
5	322-5	2	Screw-HH
6	3256-23	2	Washer-Flat
7	1-513592	1	Knob-Ball
8	322-3	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

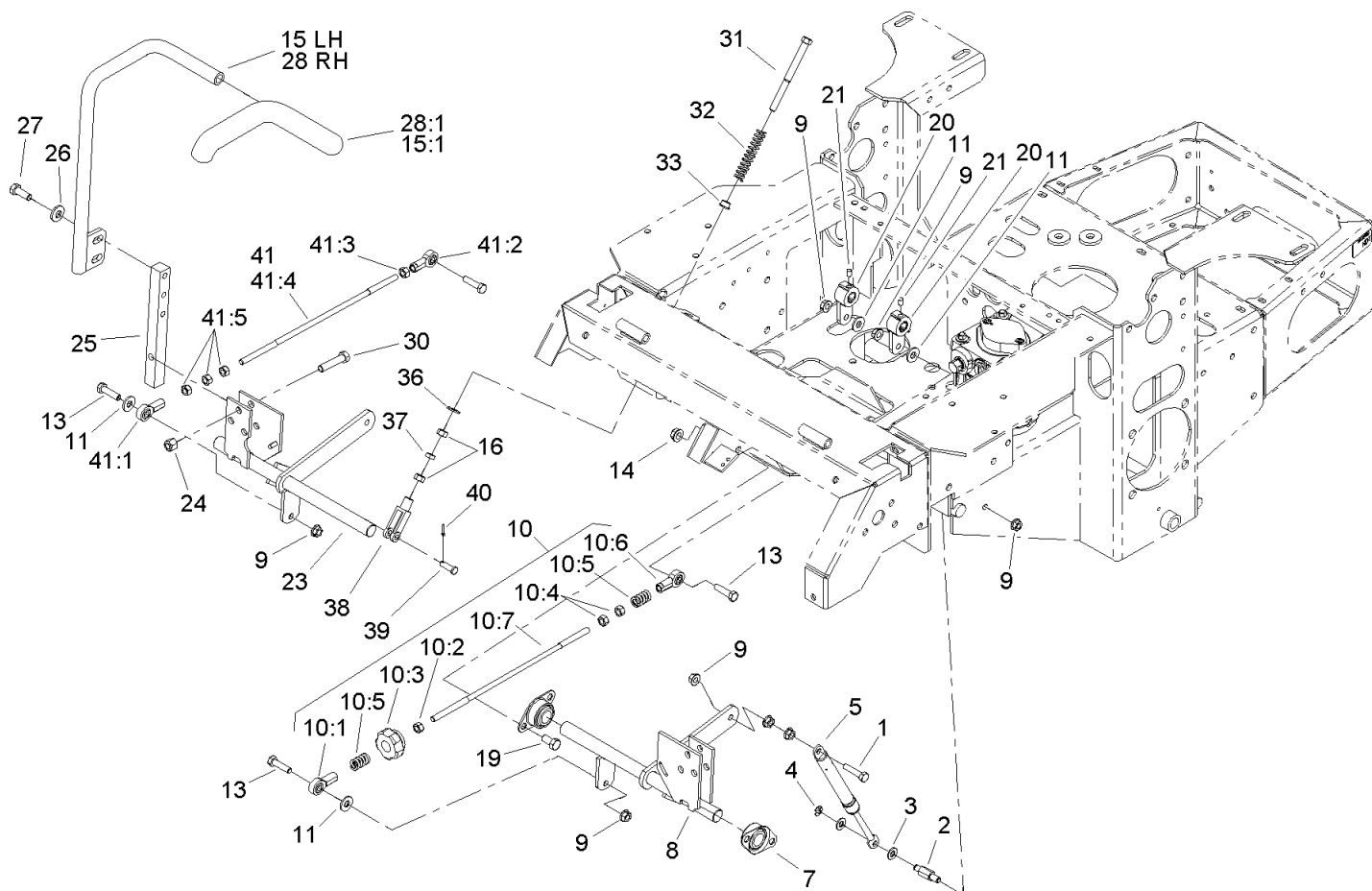
Ref	Part No.	Qty.	Description				
1	106-9976	1	LH Fuel Tank ASM				
1:2	103-2605	1	Fitting-Fuel, Bulkhead				
2	106-9975	1	RH Fuel Tank ASM				
2:2	103-2605	1	Fitting-Fuel, Bulkhead				
3	3256-23	8	Washer-Flat				
4	1-805005	4	Washer-Lock				
5	322-3	4	Screw-HH				
7	1-303077	6	Clamp				
9	1-543296	2	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

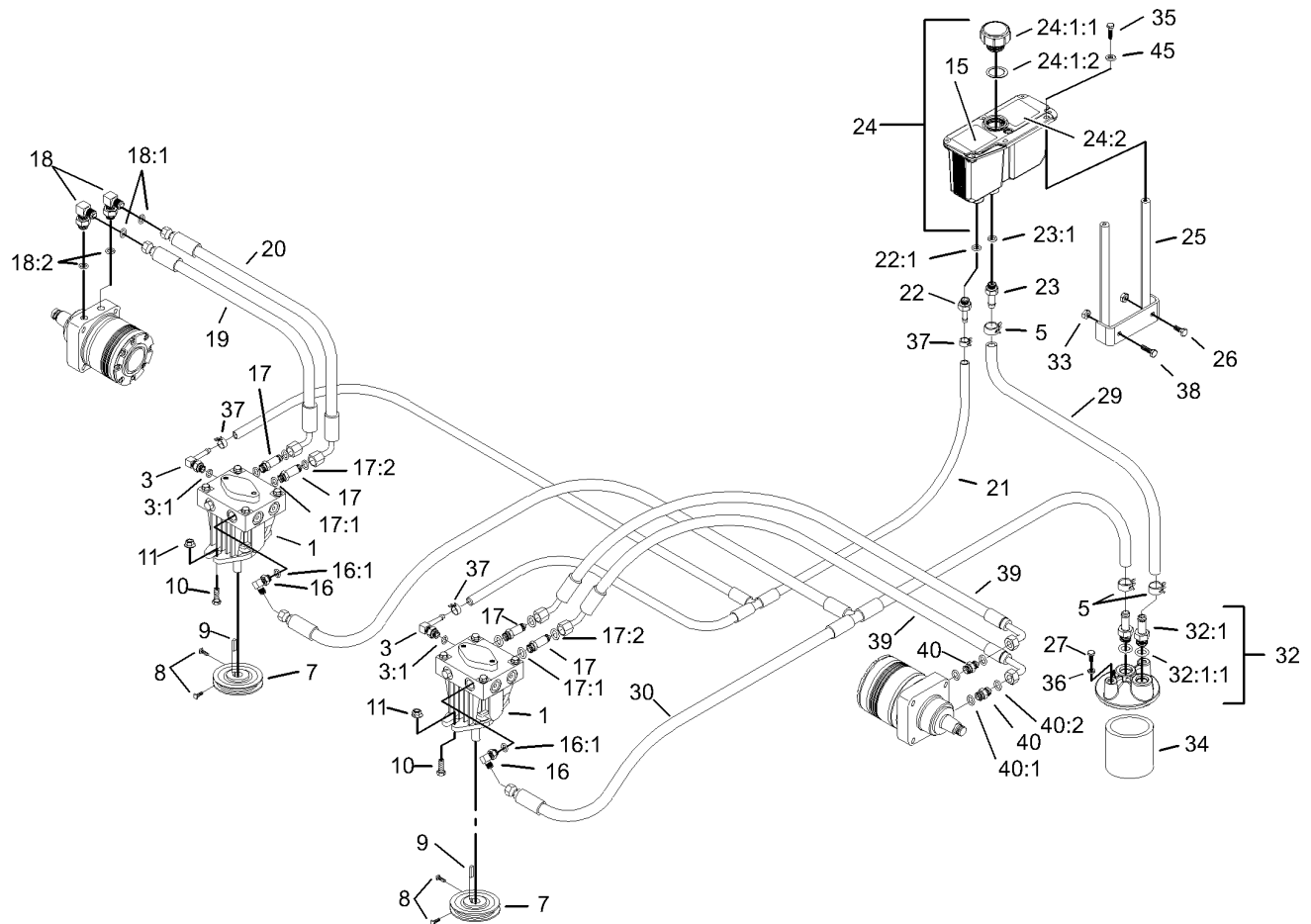
Ref	Part No.	Qty.	Description
26	103-0131	8	Nut-Square
27	1-633102	4	Bearing-Flange, Side
28	3290-357	8	Nut-HHF
29	103-3116	1	Shaft-Brake, Parking
31	1481	2	Fitting-Grease
32	98-5975	1	Washer-Belleville
33	1-523157	2	Washer-Spacer
34	1-523328	2	Motor-Wheel
34:1	1-809036	1	Nut-HH
34:2	3257-42	1	Key-Woodruff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

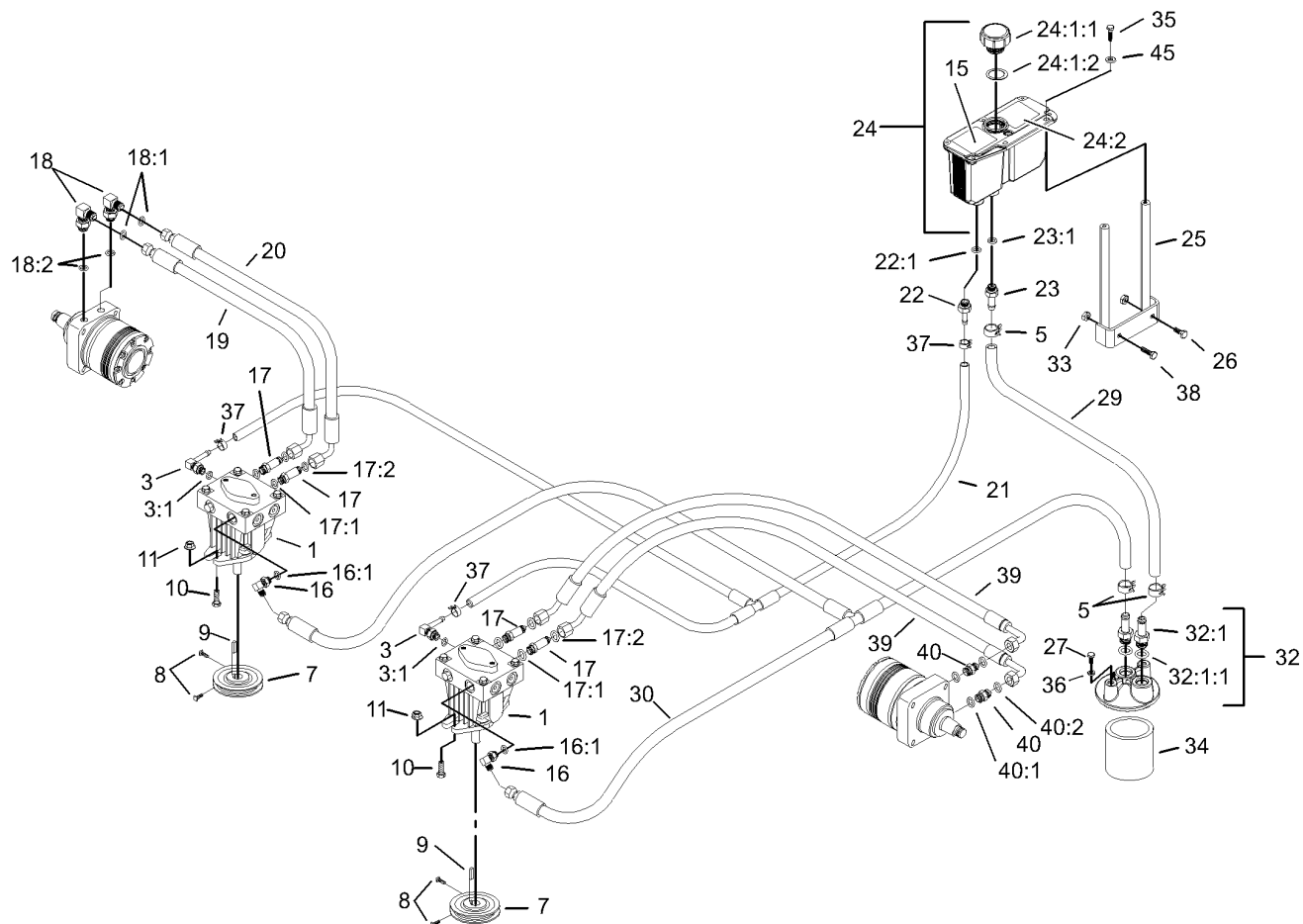
Ref	Part No.	Qty.	Description
21	1-803022	2	Screw-Set
23	103-4773	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	103-0407	2	Arm-Shaft, Control
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	103-0632	1	RH Lever ASM
28:1	1-633257	1	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return,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

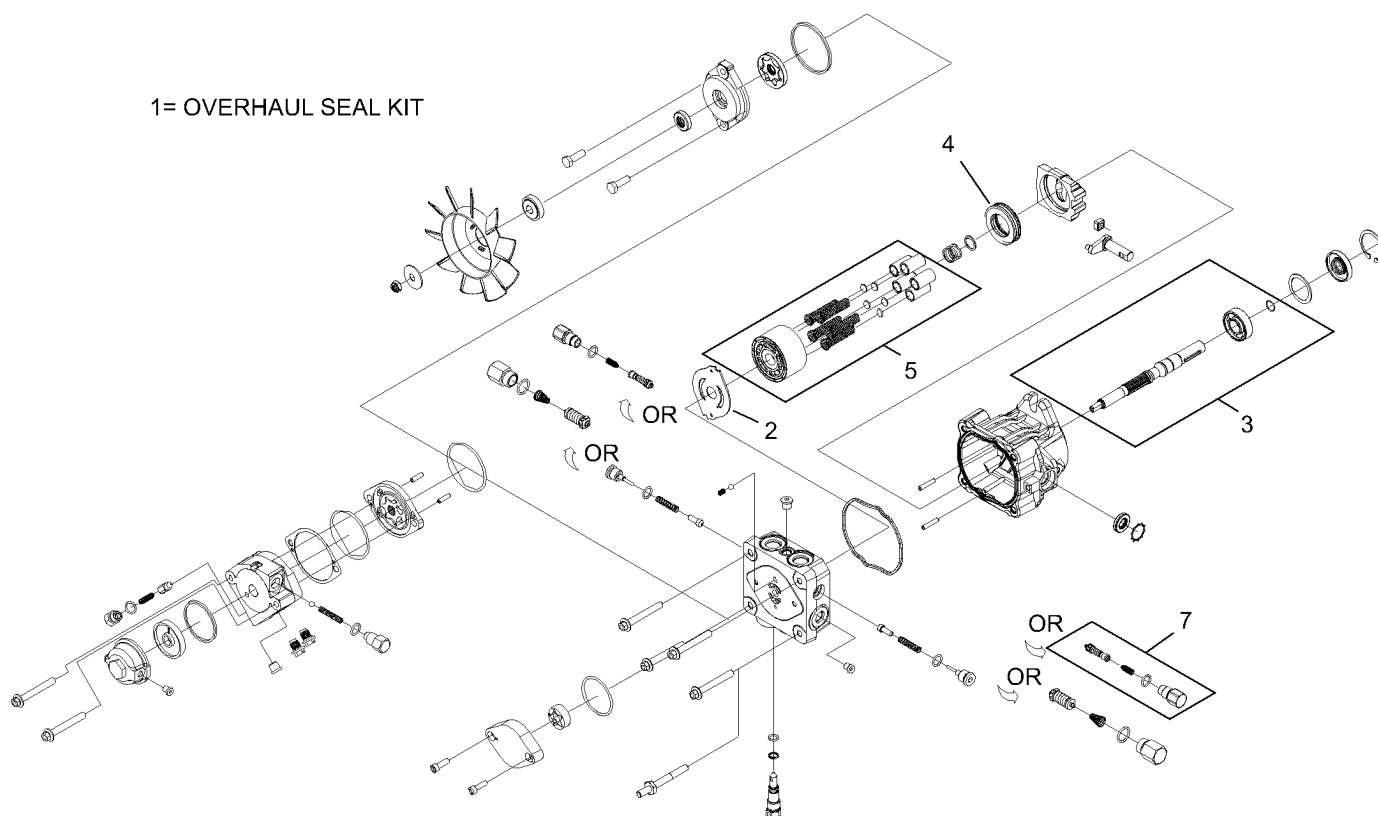
Ref	Part No.	Qty.	Description
1	103-1942	2	Pump-HYD
3	103-1799	2	Elbow-90 DEG
3:1	237-42	1	O-Ring
5	103-1988	3	Clamp-Hose
7	1-653156	2	Pulley
8	1-803050	4	Screw-Set
9	1-807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-HHF
15	103-2644	1	Decal-Exhaust
16	103-1802	2	Fitting-Hyd, 90 DEG
16:1	237-42	1	O-Ring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



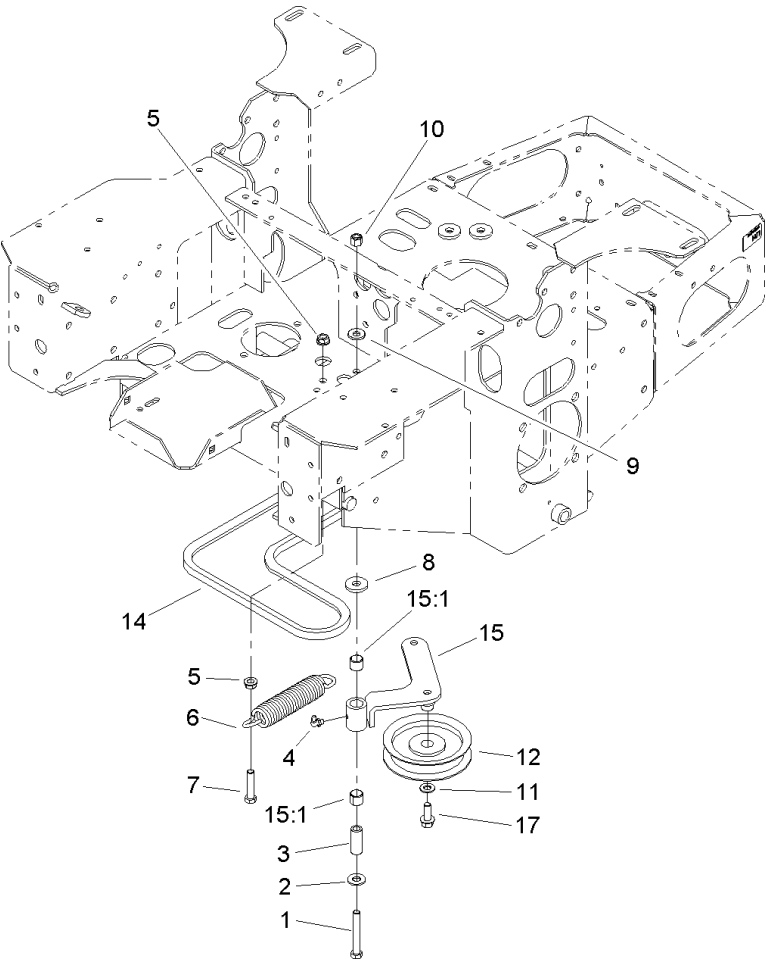
Hydraulic System Assembly (continued)

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



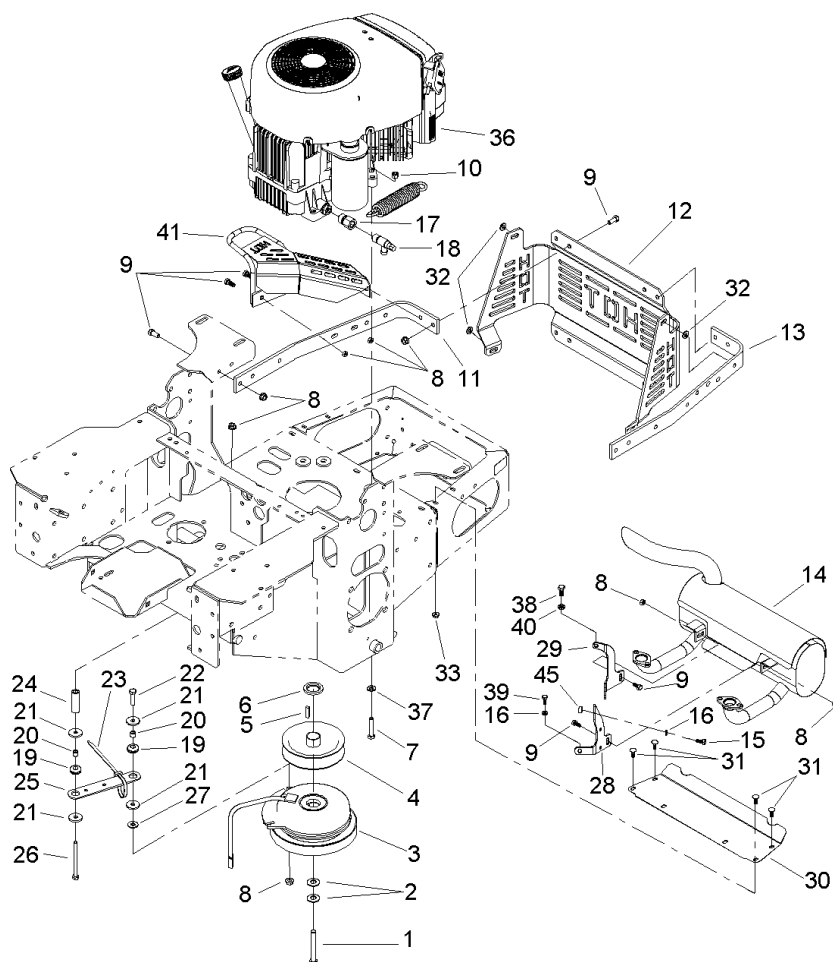
Hydraulic Pump Assembly No. 103-1942

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				



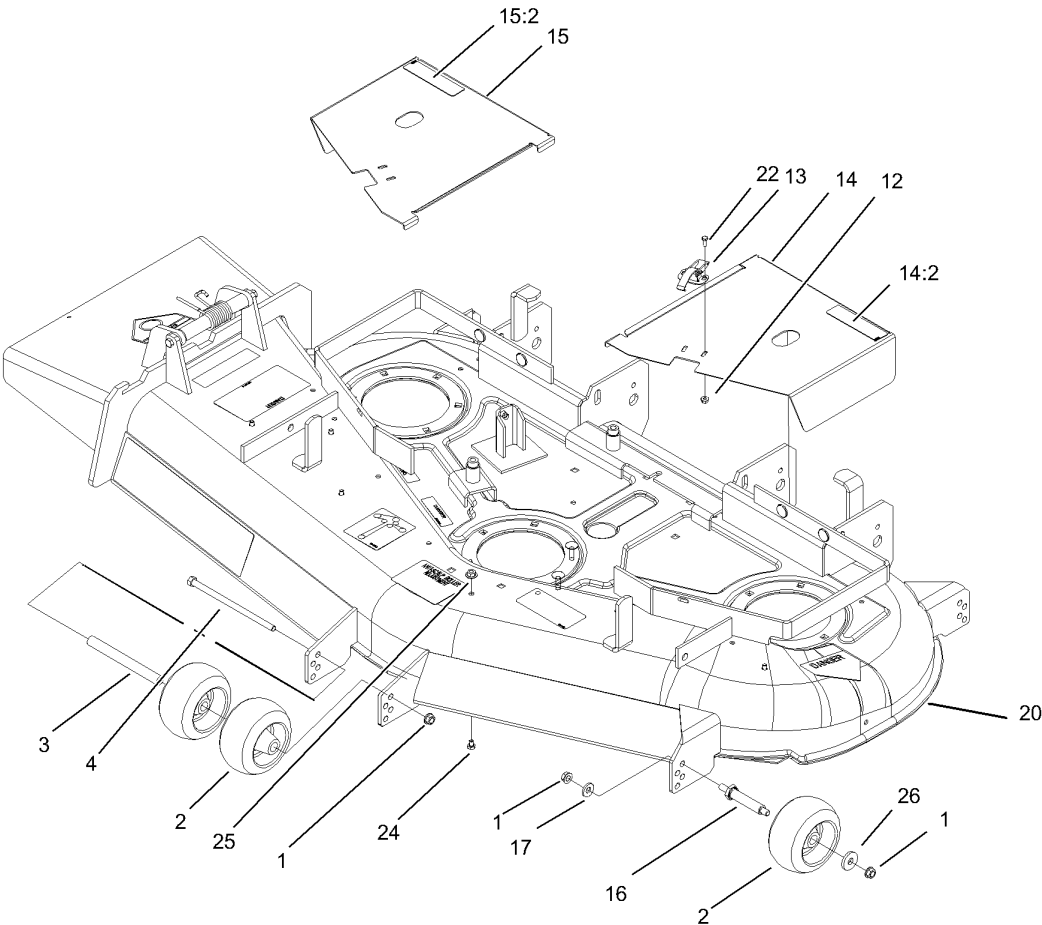
Pump Idler and Belt Assembly

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				



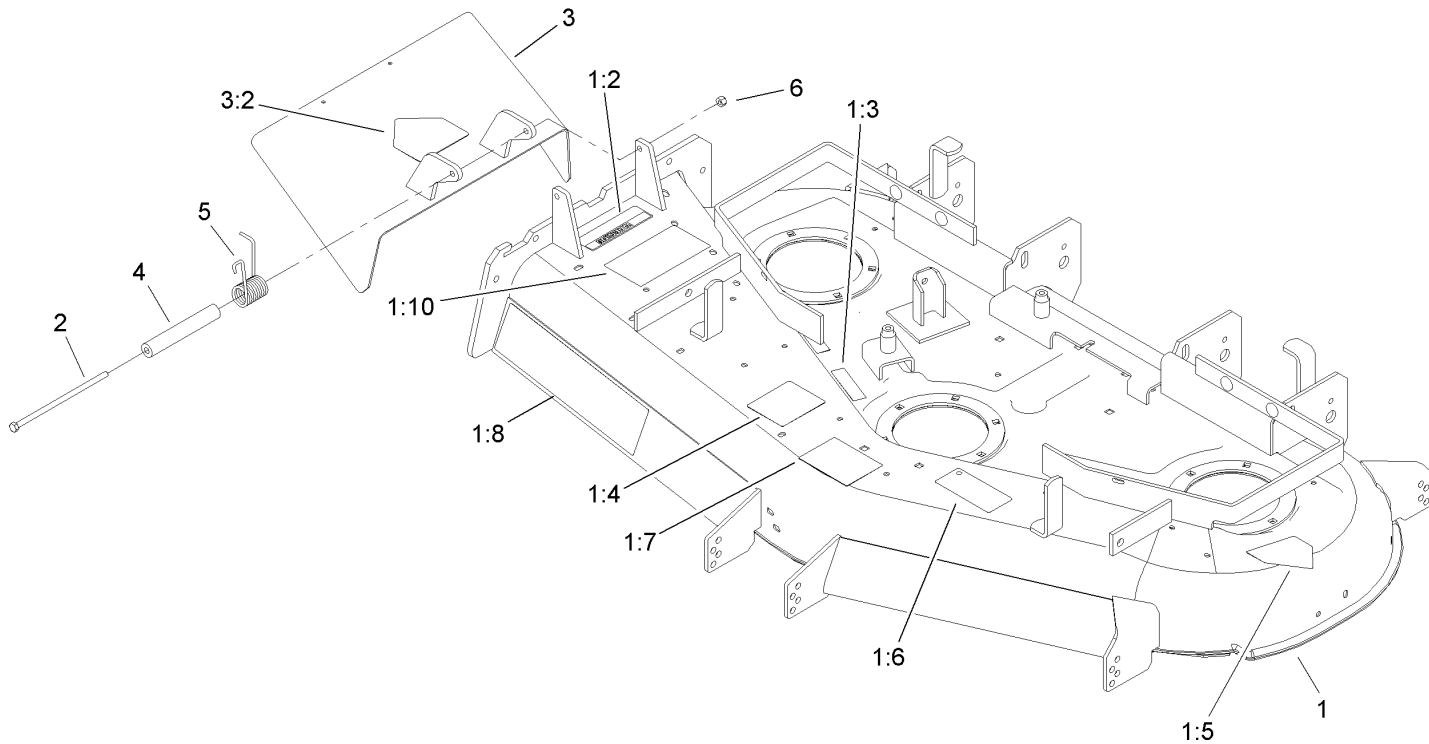
Engine and Clutch Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH	25	1-633543-03	1	Strap-Clutch, Brake
2	1-603610	2	Washer-Spring	26	322-22	1	Screw-HH
3	103-0690	1	Clutch	27	3256-3	3	Washer-Flat
4	103-3913	1	Sheave W/ Hub	28	103-2993-03	1	Bracket-Muffler, LH
5	1-807259	1	Key	29	103-2994-03	1	Bracket-Muffler, RH
6	103-2308	1	Spacer-Crankshaft	30	103-2740-03	1	Deflector-Short
7	322-9	4	Screw-HH	31	3229-10	4	Screw-CARR
8	32128-20	29	Nut-HF	32	3256-23	4	Washer-Flat
9	322-3	23	Screw-HH	33	32128-33	4	Nut-HF
10	3296-29	4	Nut-Lock, NI	36		1	Engine-Kawasaki, Fh601v-Ds06
11	103-3078-03	1	Strap-Guard, RH Engine	37	1-303334	2	Washer-Spring
12	103-3219-03	1	Guard-Rear	38	33114-020	1	Screw-HH
13	103-3164-03	1	Strap-Guard, LH Engine	39	33113-016	2	Screw-HH
14	103-2761	1	Muffler	40	1-805005	1	Washer-Lock
15	33113-025	1	Screw-HH	41	103-3218-03	1	Guard-Tailpipe
16	1-805004	3	Washer-Lock	45	103-3096	1	Spacer
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				



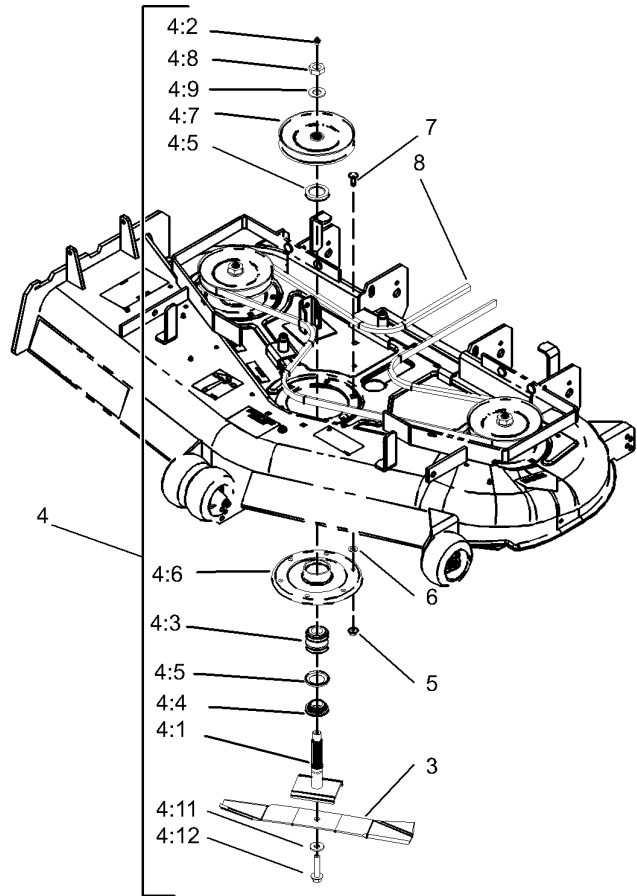
Deck Assembly

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				



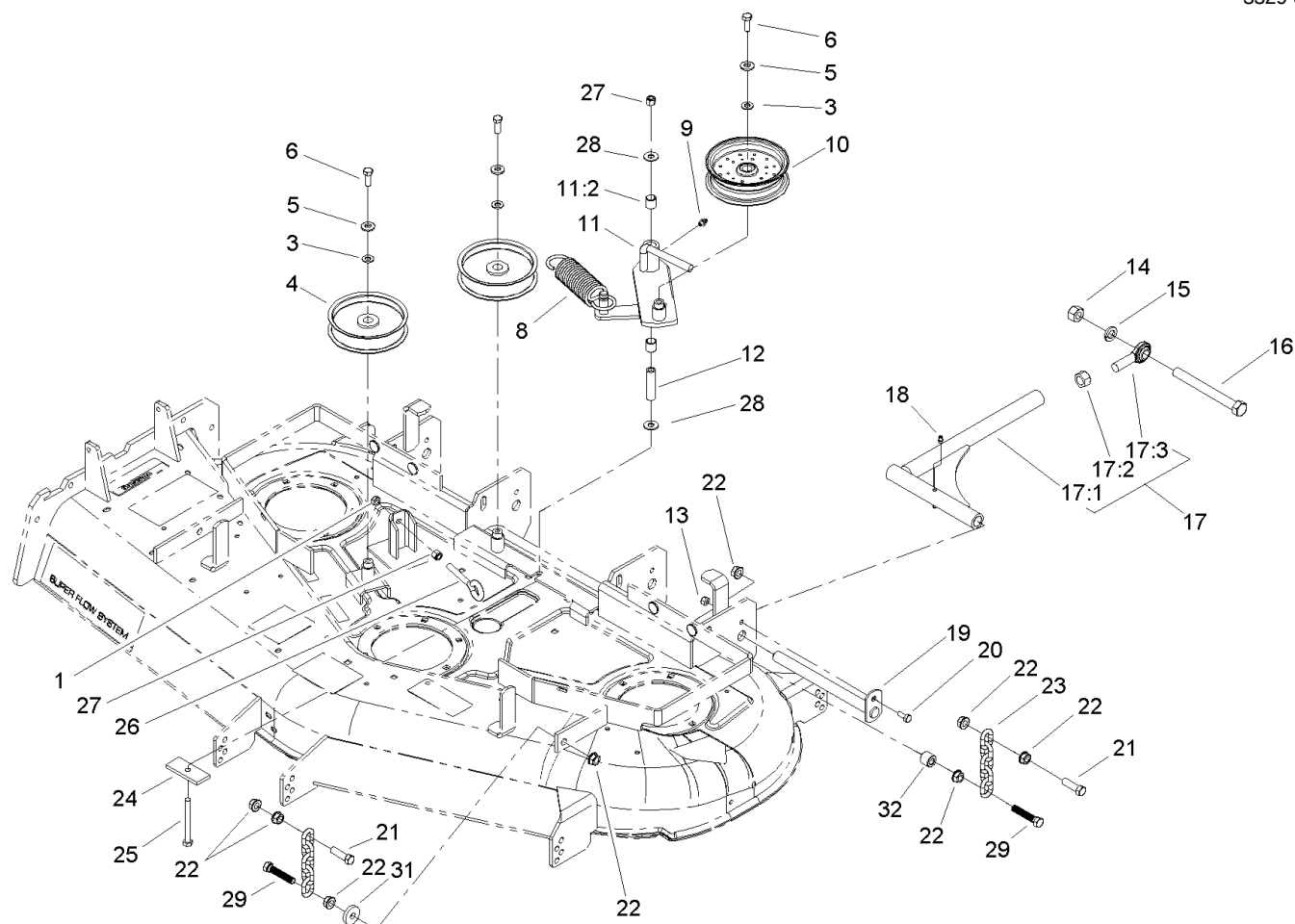
Deck Decal and Deflector Assembly No. 106-5876

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				



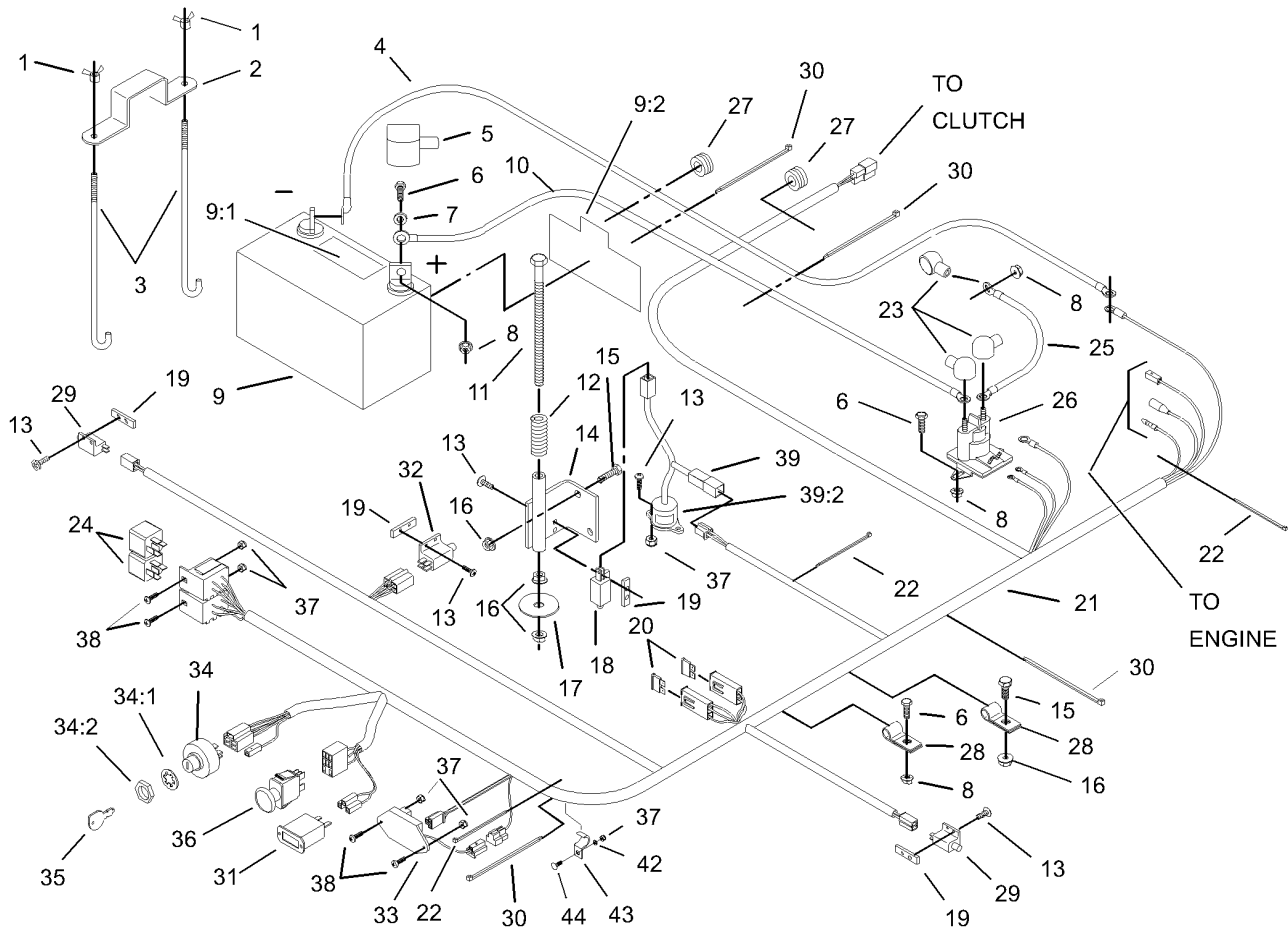
Deck Spindle Assembly

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

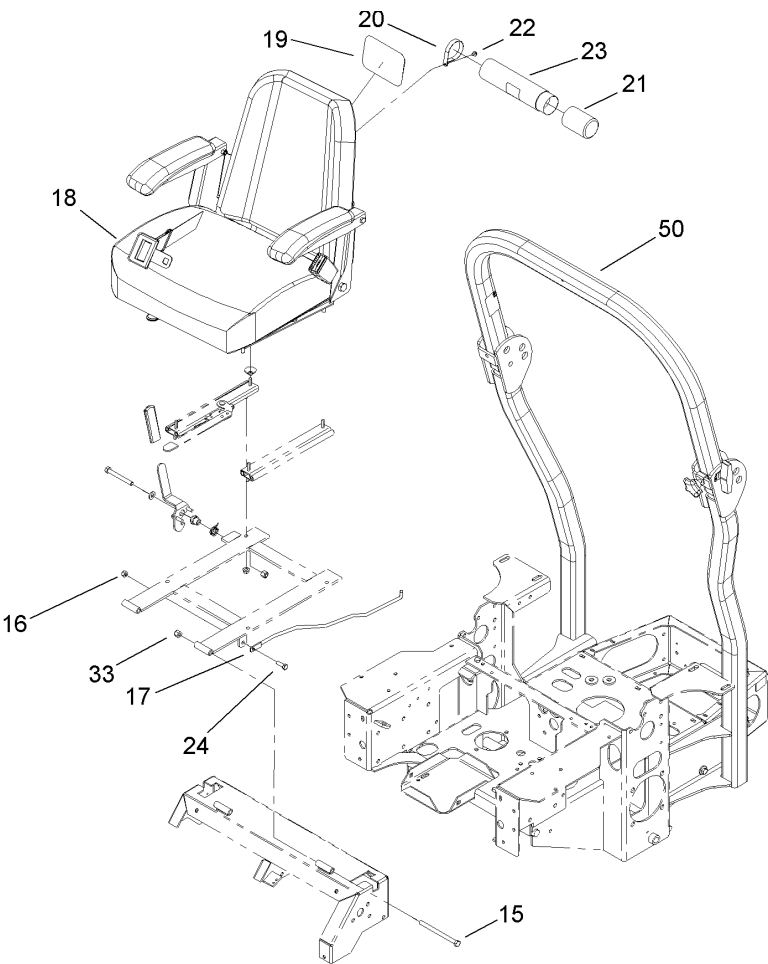
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3217-7	1	Nut-Hex	23	1-633447	4	Chain-Lift, Deck
3	3256-24	3	Washer-Flat	24	99-3946-01	1	Plate-Retainer, Bolt
4	1-613098	2	Pulley-Idler	25	1-800805	1	Screw-HH
5	98-5975	3	Washer-Belleville	26	94-2547	1	Bolt-Eye
6	323-6	3	Screw-HH	27	3296-39	2	Nut-Lock, NI
8	103-3330	1	Spring-Extension	28	1-809107	2	Washer-Hardened
9	302-40	1	Fitting-Grease	29	107-3076	4	Screw HH
10	1-413099	1	Pulley-Idler	31	112843	2	Washer
11	99-3879	1	Idler Arm ASM	32	100-7123	2	Spacer-Bedbar
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				



Electrical System Assembly

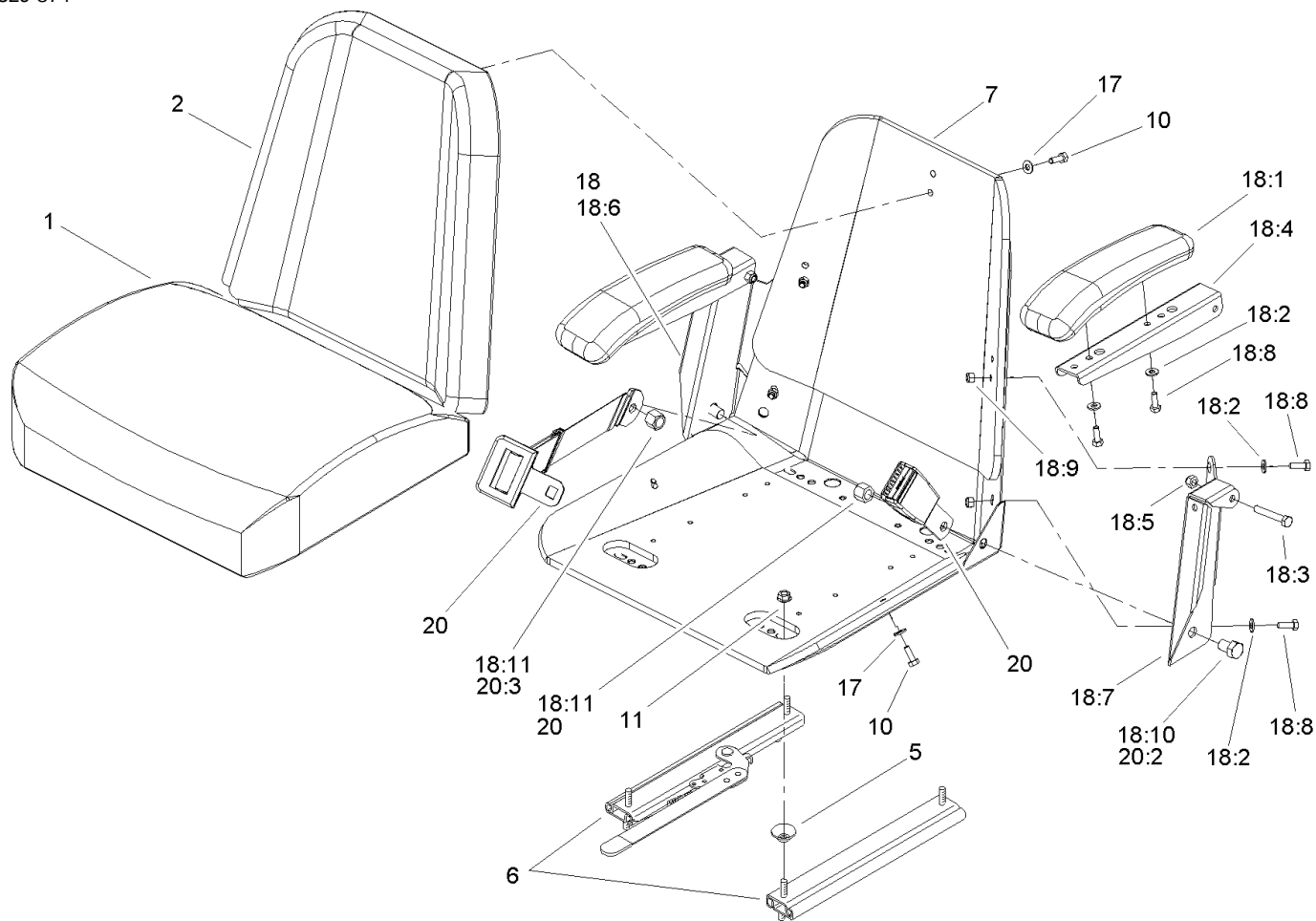
Ref	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	1-633652-03	1	Strap-Holddown
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	5	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	6	Nut-HF
9	105-1692	1	Battery
9:1	104-4163	1	Decal-Battery
9:2	104-4164	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



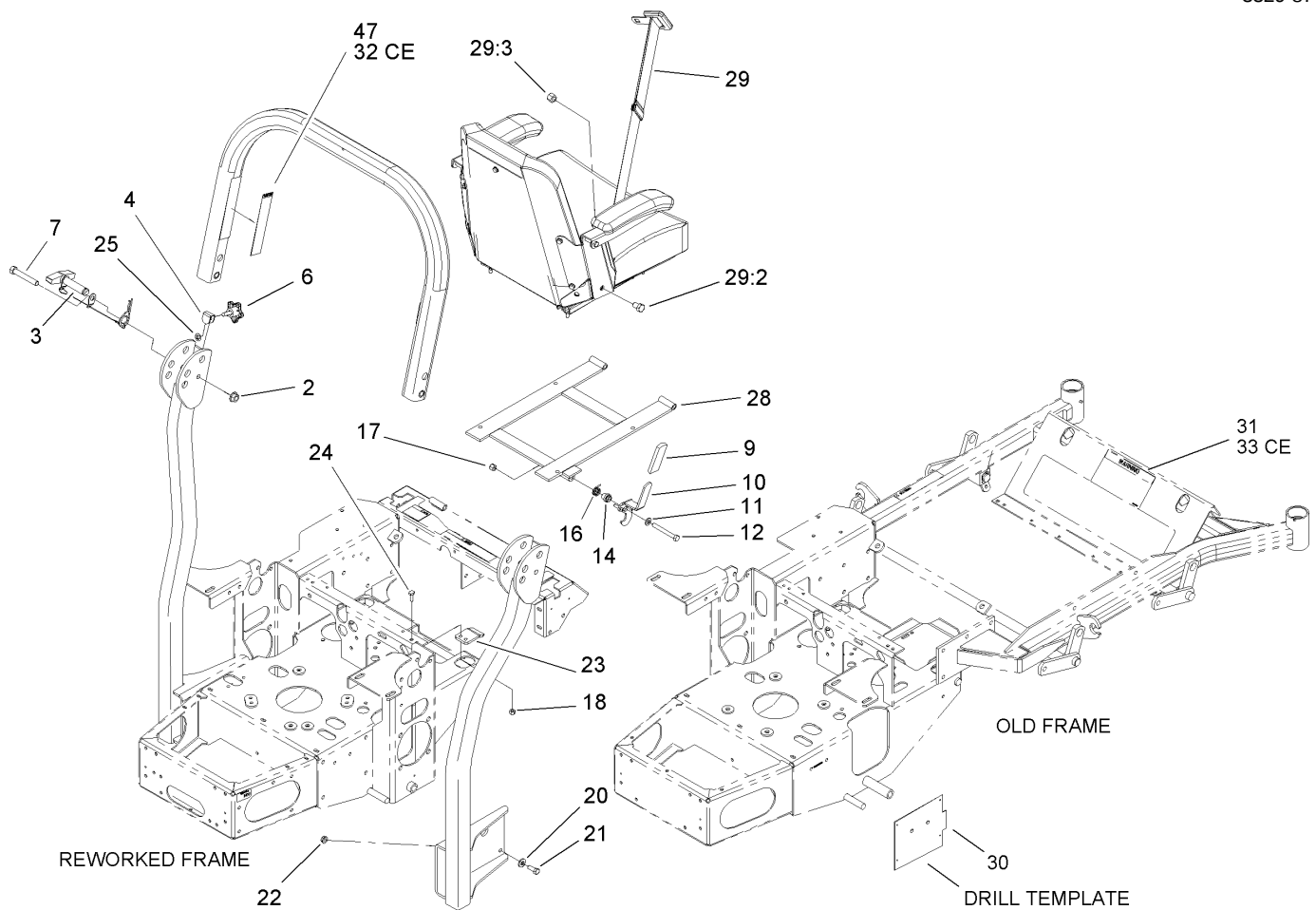
Seat and Roll-Over-Protection-System Assembly

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

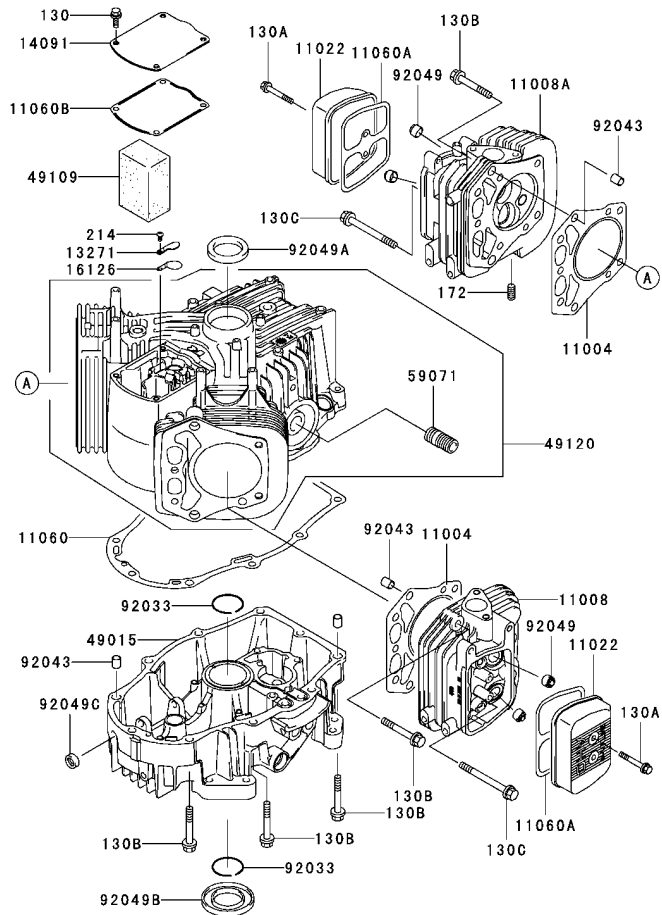
Ref	Part No.	Qty.	Description				
1	103-0290	1	Cushion-Seat, Bottom				
2	104-7754	1	Cushion-Seat, Back				
5	1-543401	4	Spacer-Track				
6	1-643255	1	Track-Seat				
7	1-633859	1	Frame-Seat				
10	321-30	11	Screw-HH				
11	32128-20	4	Nut-HF				
17	3256-22	11	Washer-Flat				
18	105-3620	1	Armrest Kit				
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

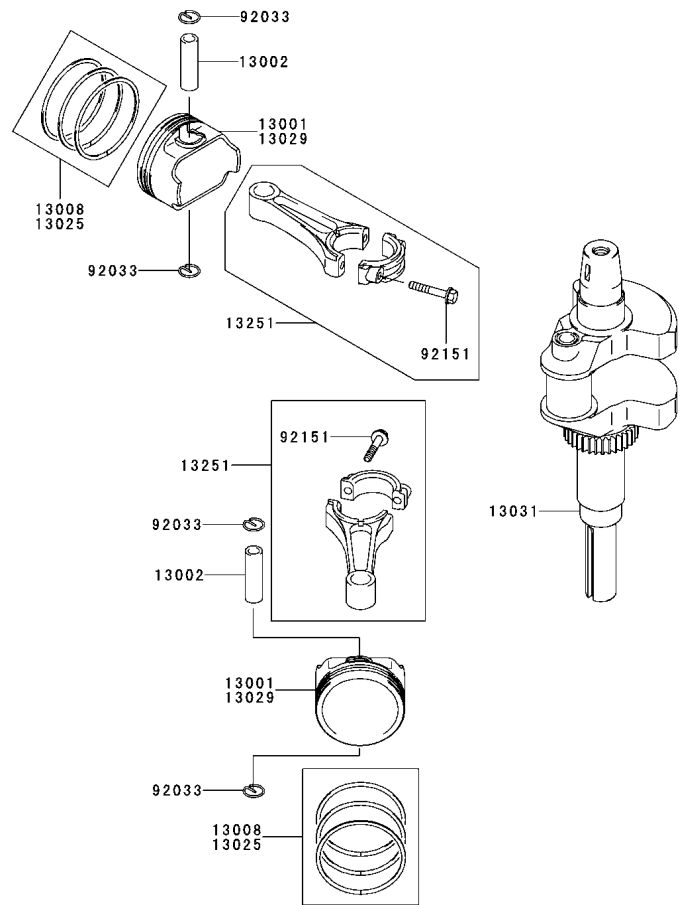
Ref	Part No.	Qty.	Description
2	32128-23	2	Nut-HF
3	107-3060	2	Pin Latch ASM
4	107-3124	2	Clip
6	106-0887	2	Knob
7	325-13	2	Screw-HH
9	62-9130	1	Grip-Handle
10	107-3083	1	Latch ASM
11	3256-24	1	Washer-Flat
12	323-20	1	Screw-HH
14	107-0075	1	Bushing-Latch, Seat
16	107-0076	1	Spring-Torsion
17	3296-39	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



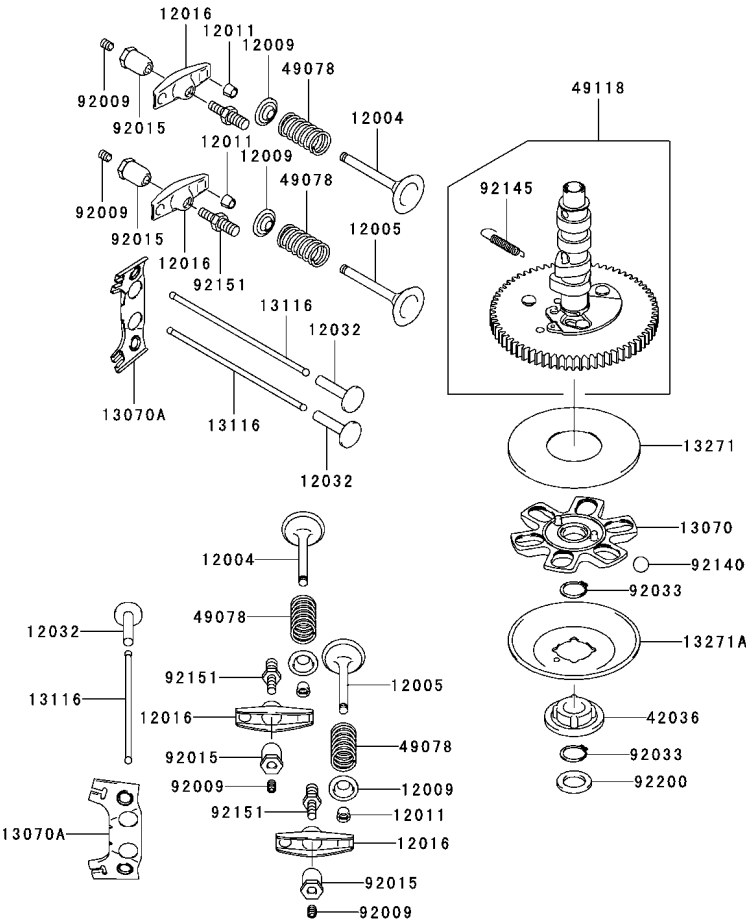
Cylinder/Crankcase Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
11004	11004-7006	2	Gasket-Head	172	172G0818	4	Bolt-Stud
11008	11008-7012	1	Head-Comp-Cylinder No. 2	214	214B0408	1	Screw-Pan
11008A	11008-7013	1	Head-Comp-Cylinder No. 1				
11022	11022-7002	2	Case-Rocker				
11060	11060-7012	1	Gasket, Crankcase Cover				
11060A	11060-7013	2	Gasket, Rocker Case				
11060B	11060-7014	1	Gasket, Breather				
13271	13271-7006	1	Plate				
14091	14091-7004	1	Cover				
16126	16126-7001	1	Valve				
49015	49015-6225	1	Cover-Crankcase				
49109	49109-7003	1	Element-Breather				
49120	49120-7019	1	Crankcase-Comp				
59071	59071-2079	1	Joint				
92033	92033-7004	2	Ring-Snap				
92043	92043-7001	6	Pin				
92049	92049-7001	4	Seal-Oil				
92049A	92049-7002	1	Seal-Oil				
92049B	92049-7004	1	Seal-Oil				
92049C	92049-7005	1	Seal-Oil				
130	130B0612	4	Bolt-Flanged				
130A	130B0640	4	Bolt-Flanged				
130B	130T0850	18	Bolt-Flanged				
130C	130T0875	2	Bolt-Flanged				



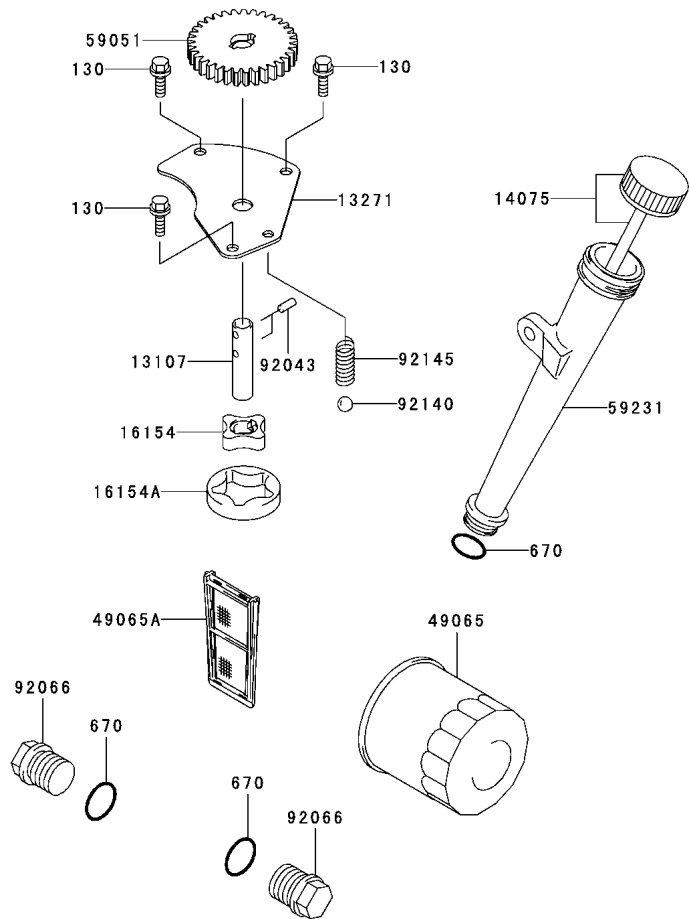
Piston/Crankshaft Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
⑤13001	13001-7007	2	Piston-Engine				
⑤13002	13002-7001	2	Pin-Piston				
⑤13008	13008-6058	2	Ring-Set-Piston				
⑤13025	13025-7002	0	Ring-Set, PistonI,0.50				
⑤13029	13029-7003	0	Piston-Engine L,0.50				
⑤13031	13031-7023	1	Crankshaft-Comp				
⑤13251	13251-7005	2	Connecting Rod ASM				
⑤92033	92033-7005	4	Ring-Snap				
⑤92151	92151-7017	4	Bolt				



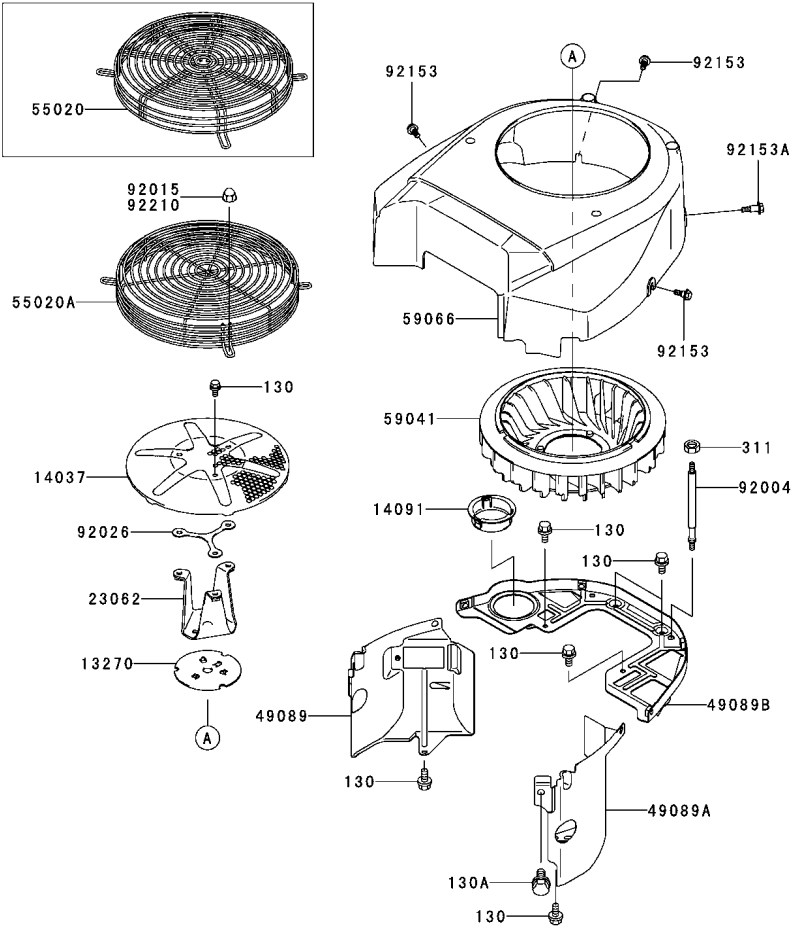
Valve/Camshaft Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
⑤12004	12004-7002	2	Valve-Intake				
⑤12005	12005-7002	2	Valve-Exhaust				
⑤12009	12009-7001	4	Retainer-Valve Spring				
⑤12011	12011-2056	8	Collet				
⑤12016	12016-7006	4	Arm-Rocker				
⑤12032	12032-7001	4	Tappet				
⑤13070	13070-7004	1	Guide				
⑤13070A	13070-7007	2	Guide				
⑤13116	13116-7002	4	Rod-Push				
⑤13271	13270-7007	1	Plate				
⑤13271A	13271-7021	1	Plate				
⑤42036	42036-7001	1	Sleeve				
⑤49078	49078-7002	4	Spring-Engine Valve				
⑤49118	49118-7007	1	Camshaft-Comp				
⑤92009	92009-2341	4	Screw				
⑤92015	92015-2253	4	Nut				
⑤92033	92033-7001	2	Ring-Snap				
⑤92140	92140-7002	6	Ball				
⑤92145	92145-7001	1	Spring				
⑤92151	92151-7019	4	Bolt				
⑤92200	92200-7001	1	Washer				



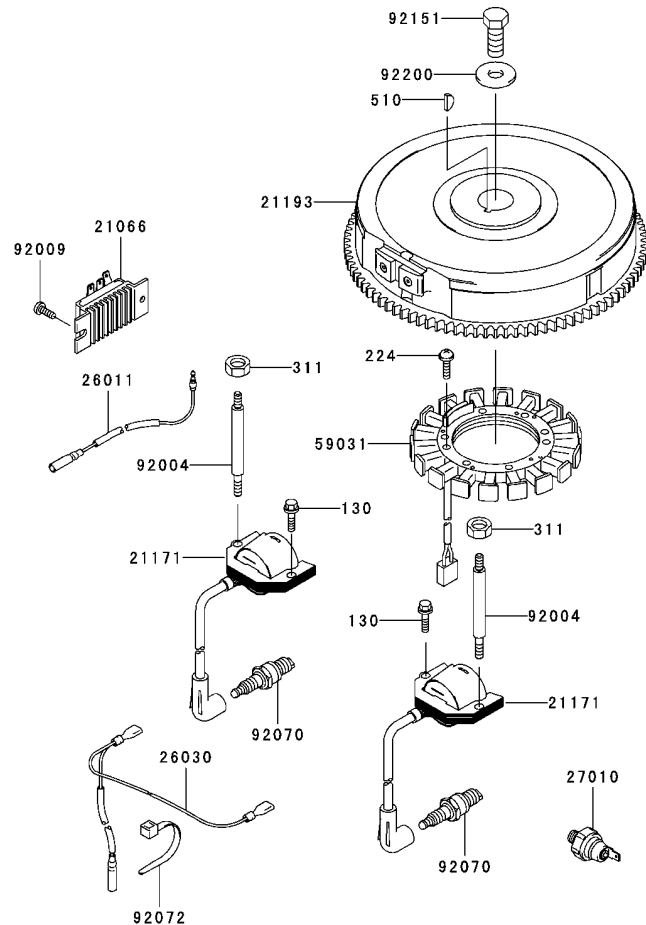
Lubrication Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
13107	13107-7009	1	Shaft				
13271	13271-7005	1	Plate				
14075	14075-7008	1	Cap-Assy				
16154	16154-2053	1	Rotor-Pump,in				
16154A	16154-2054	1	Rotor-Pump,out				
49065	49065-2078	1	Filter-Oil				
49065A	49065-7003	1	Filter-Oil				
59051	59051-7011	1	Gear-Spur				
59231	59231-7002	1	Filler				
92043	92043-7006	2	Pin				
92066	92066-7003	2	Plug				
92140	92140-7003	1	Ball				
92145	92145-7002	1	Spring				
130	130B0612	3	Bolt-Flanged				
670	670D2016	3	O-Ring				



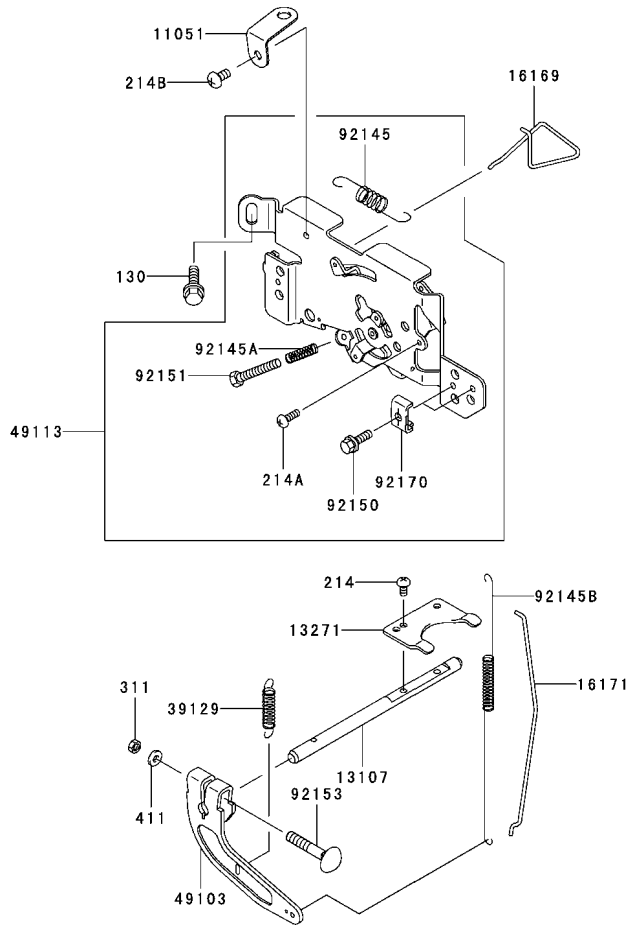
Cooling Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
③13270	13270-7007	1	Plate				
③14037	14037-7008-9H	1	Screen				
③14091	14091-7002	1	Cover				
③23062	23062-7005	1	Bracket-Comp				
③49089	49089-7004	1	Shroud-Engine				
③49089A	49089-7005	1	Shroud-Engine				
③49089B	49089-7030	1	Shroud-Engine				
③55020	55020-7002	1	Guard				
③55020A	55020-7007	1	Guard				
③59041	59041-7003	1	Fan				
③59066	59066-7004	1	Housing-Fan				
③92004	92004-7006	2	Stud				
③92015	92015-1170	4	Nut				
③92026	92026-7007	0	Spacer				
③92153	92153-7007	3	Bolt				
③92153A	92153-7008	1	Bolt				
③92210	92210-0003	4	Nut				
③130	130B0612	9	Bolt-Flanged				
③130A	130B0816	1	Bolt-Flanged				
③311	311B0600	2	Nut				



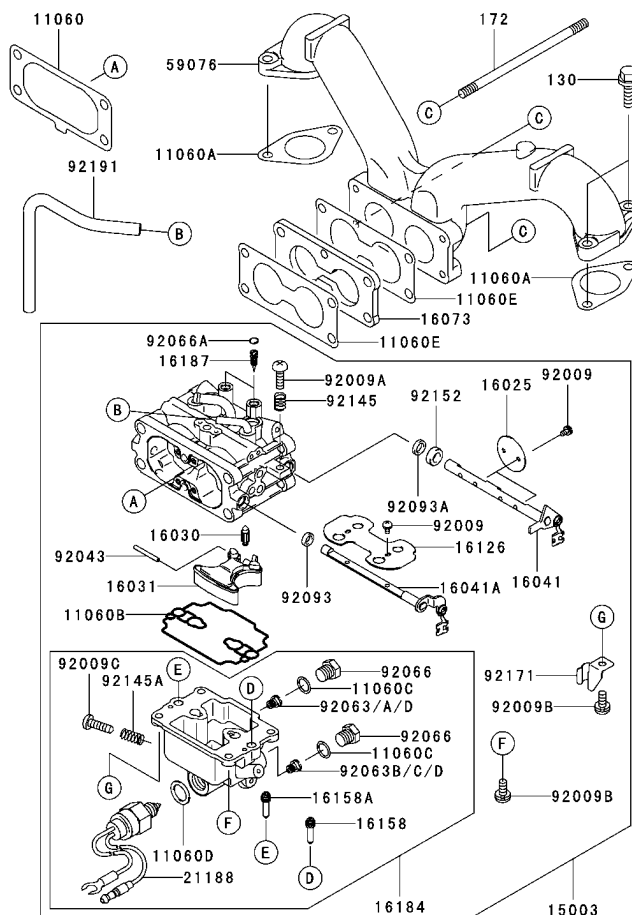
Electric Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
⑨21066	21066-7006	1	Regulator-Voltage				
⑨21171	21171-7007	2	Coil-Assy-Ignition				
⑨21193	21193-7019	1	Flywheel-Assy				
⑨26011	26011-7008	1	Wire-Lead				
⑨26030	26030-7002	1	Harness				
⑨27010	27010-7001	1	Switch				
⑨59031	59031-7001	1	Coil-Charging				
⑨92004	92004-7009	2	Stud				
⑨92009	92009-2308	1	Screw				
⑨92070	92070-7004	2	Plug-spark,bpr4es(Ngk), Solid				
⑨92072	92072-7003	2	Band				
⑨92151	92151-2097	1	Bolt				
⑨92200	92200-7002	1	Washer				
⑨130	130B0620	2	Bolt-Flanged				
⑨224	224B0520	4	Screw-Pan-Wp-Cros				
⑨311	311B0600	2	Nut				
⑨510	510A5100	1	Key				



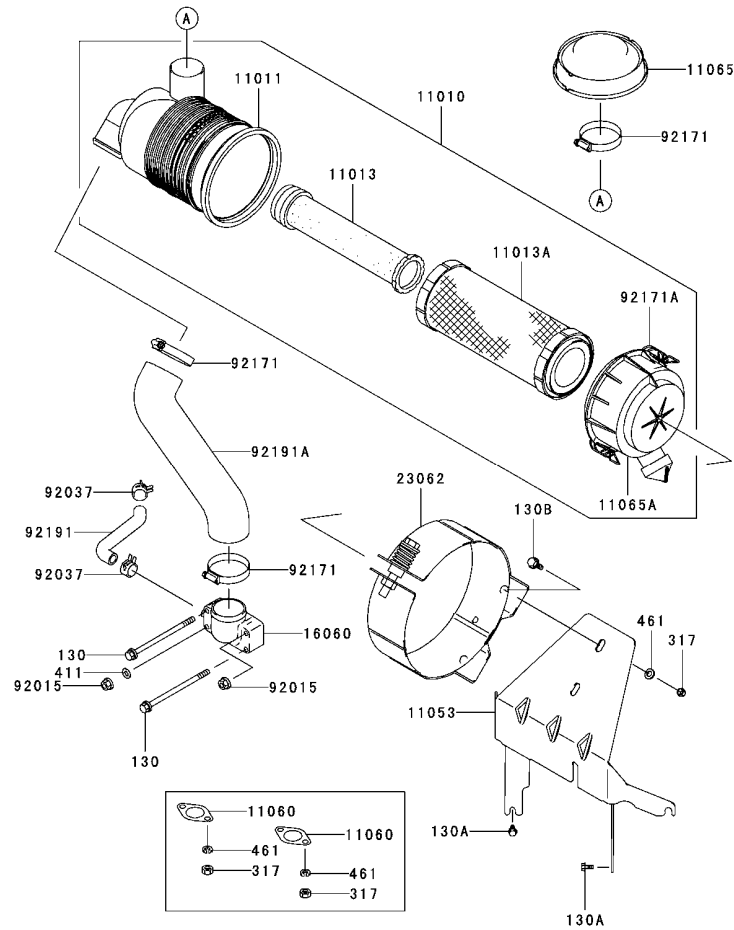
Control Equipment Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
11051	11051-7008	1	Bracket				
13107	13107-7013	1	Shaft				
13271	13271-7018	1	Plate				
16169	16169-7006	1	Link-Choke				
16171	16171-7004	1	Link				
39129	39129-7004	1	Spring-Governor				
49103	49103-7004	1	Arm-Governor				
49113	49113-7017	1	Panel-Comp-Control				
92145	92145-7004	1	Spring				
92145A	92145-7005	1	Spring				
92145B	92145-7009	1	Spring				
92150	92150-2182	2	Bolt				
92151	92151-7014	1	Bolt, 5x30				
92153	92153-7005	1	Bolt				
92170	92170-7001	2	Clamp				
130	130B0612	2	Bolt-Flanged				
214	214B0408	2	Screw-Pan				
214A	214B0412	1	Screw-Pan				
214B	214B0510	1	Screw-P				
311	311B0600	1	Nut				
411	411b0600	1	Washer				



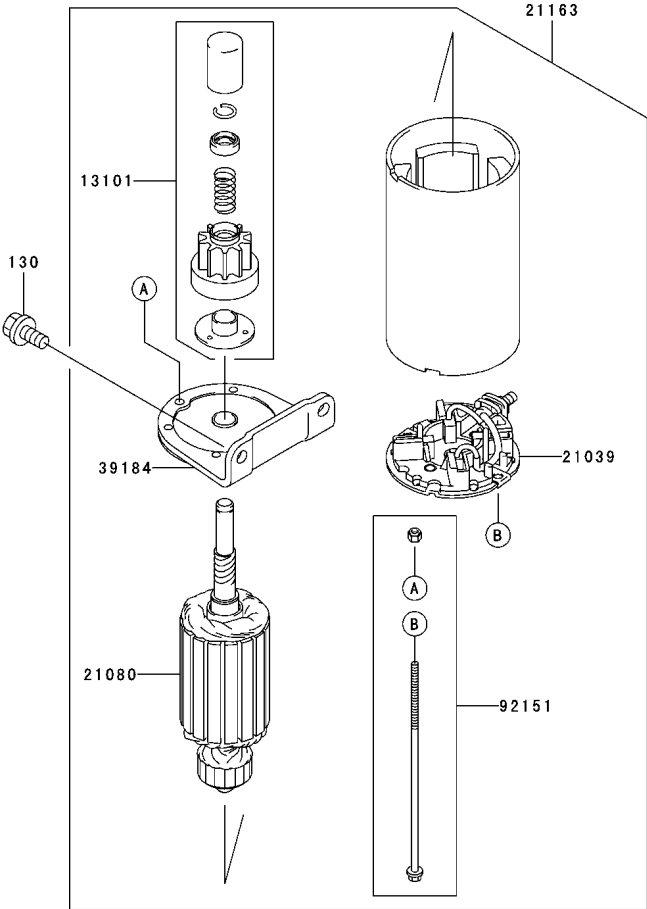
Carburetor Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
⑤11060	11060-7009	1	Gasket, Air Filter	⑤92043	92043-7004	1	Pin-Float
⑤11060A	11060-7011	2	Gasket	⑤92063	92063-7017	1	Jet-Main, No.133
⑤11060B	11060-7018	1	Gasket, Float Chamber	⑤92063A	92063-7018	1	Jet-Main, No.130
⑤11060C	11060-7019	2	Gasket, Main Plug	⑤92063B	92063-7019	1	Jet-Main, No.139
⑤11060D	11060-7020	1	Gasket, Solenoid	⑤92063C	92063-7020	1	Jet-Main, No.134
⑤11060E	11060-7024	2	Gasket-Carburetor	⑤92063D	92063-7038	2	Jet-Main, No.114
⑤15003	15003-7073	1	Carburetor-Assy	⑤92066	92066-7008	2	Plug, Main Jet
⑤16025	16025-7003	2	Valve-Throttle	⑤92066A	92066-7009	2	Plug, Extension
⑤16030	16030-7002	1	Valve-Float	⑤92093	92093-7001	1	Seal
⑤16031	16031-7001	1	Float	⑤92093A	92093-7002	1	Seal
⑤16041	16041-7004	1	Shaft-Carburetor Throttle	⑤92145	92145-7010	1	Spring
⑤16041A	16041-7007	1	Shaft-Carburetor, Choke	⑤92145A	92145-7011	1	Spring
⑤16073	16073-7005	1	Insulator	⑤92152	92152-7001	1	Collar
⑤16126	16126-7004	1	Valve, Choke	⑤92171	92171-7001	1	Clamp
⑤16158	16158-7007	1	Jet-Slow, No.56	⑤92191	92191-7023	1	Tube
⑤16158A	16158-7008	1	Jet-Slow, No.42	⑤130	130B0620	4	Bolt-Flanged
⑤16184	16184-7010	1	Chamber-Assy-Float	⑤172	172G06105	2	Bolt-Stud
⑤16187	16187-7002	2	Needle-Jet				
⑤21188	21188-7001	1	Solenoid				
⑤59076	59076-7002	1	Manifold-Intake				
⑤92009	92009-7003	6	Screw				
⑤92009A	92009-7004	1	Screw				
⑤92009B	92009-7005	4	Screw				
⑤92009C	92009-7006	1	Screw, Drain				



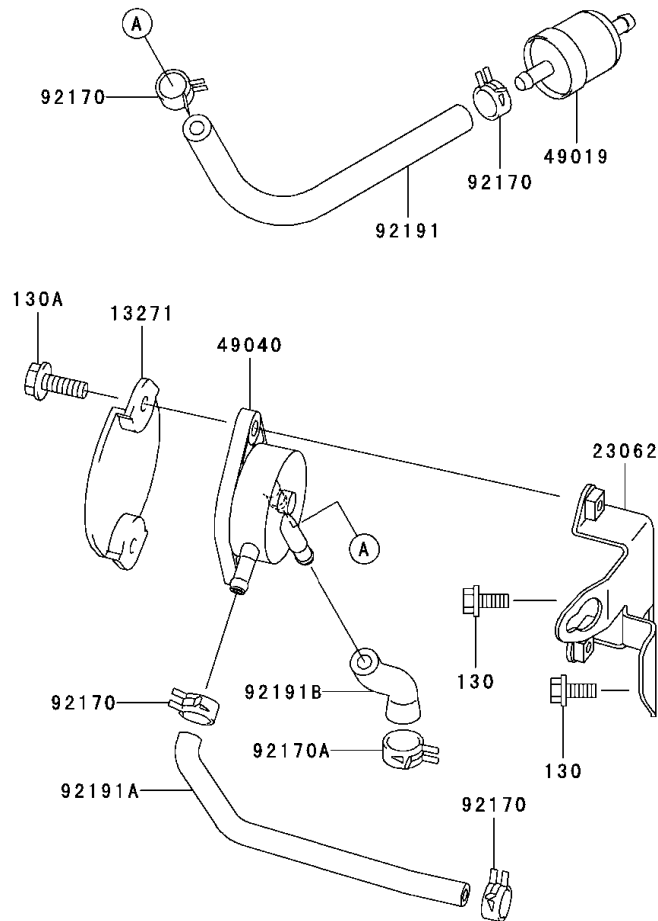
Air Filter and Muffler Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
❶11010	11010-7004	1	Filter-Assy-Air				
❶11011	11011-7014	1	Case-Air Filter				
❶11013	11013-7019	1	Element-Air Filter				
❶11013A	11013-7020	1	Element-Air Filter				
❶11060	11060-7016	2	Gasket, Muffler				
❶11065	11065-7006	1	Cap				
❶11065A	11065-7008	1	Cap				
❶16060	16060-7005	1	Pipe-Intake				
❶92015	92015-1193	2	Nut				
❶92037	92037-2079	2	Clamp				
❶92171	92171-7007	3	Clamp				
❶92171A	92171-7009	2	Clamp				
❶92191	92191-7006	1	Tube				
❶92191A	92191-7028	1	Tube				
❶130	130B06105	2	Bolt-Flanged				
❶130A	130B0612	2	Bolt-Flanged				
❶130B	130B0816	2	Bolt-Flanged				
❶317	317R0800	6	Nut-Hex				
❶411	411b0600	1	Washer				
❶461	461F0800	6	Washer-Lock				



Starter Assembly Kawasaki FH680V-AS21

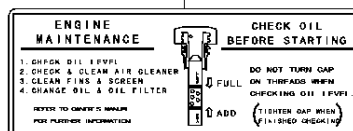
Ref	Part No.	Qty.	Description				
13101	13101-7001	1	Gear ASM				
21039	21039-7001	1	Brush				
21080	21080-7001	1	Armature				
21163	21163-7001	1	Starter-Electric				
39184	39184-7001	1	Bracket ASM				
92151	92151-7013	1	Bolt				
130	130B0816	2	Bolt-Flanged				



Fuel Tank/Fuel Valve Assembly Kawasaki FH680V-AS21

Ref	Part No.	Qty.	Description				
③ 13271	13271-7004	1	Plate				
③ 23062	23062-7004-9H	1	Bracket-Comp				
③ 49019	49019-7001	1	Filter-Fuel				
③ 49040	49040-7001	1	Pump-Fuel				
③ 92170	92170-2088	4	Clamp				
③ 92170A	92170-7003	1	Clamp				
③ 92191	92191-7003	1	Tube				
③ 92191A	92191-7017	1	Tube				
③ 92191B	92191-7027	1	Tube				
③ 130	130B0616	2	Bolt-Flanged				
③ 130A	130B0620	2	Bolt-Flanged				

56033



56080



Decal Assembly Kawasaki FH680V-AS21

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

