



## Z153

### Z-Master<sup>®</sup> with 52" Side Discharge Mower

Model No. 74198-21000001 and Up

## Parts Catalog

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### Ordering Replacement Parts

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

### Understanding Reference Numbers

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

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

### Service Assembly Reference Numbers

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

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

### Reference Numbers Indicating Quantity

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

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

## Contents

<b>Description</b>	<b>Page</b>	<b>Description</b>	<b>Page</b>
Front Frame Assembly .....	4	Valve/Camshaft Assembly	
Height of Cut Handle and Plates Assembly ...	6	Kawasaki FH680V-AS10 .....	20
Main Frame Assembly .....	7	Cooling-Equipment Assembly	
Fuel System Assembly .....	8	Kawasaki FH680V-AS10 .....	21
Parking Brake Assembly .....	9	Electric-Equipment Assembly	
Motion Control System Assembly .....	10	Kawasaki FH680V-AS10 .....	22
Hydraulics Assembly .....	11	Control-Equipment Assembly	
Pump Idler and Belt Assembly .....	12	Kawasaki FH680V-AS10 .....	23
Engine and Clutch Assembly .....	13	Carburetor Assembly	
52" Deck Assembly .....	14	Kawasaki FH680V-AS10 .....	24
52" Deck Spindle Assembly .....	15	Lubrication-Equipment Assembly	
Idler Pulley/Lift Strut Chains Assembly .....	16	Kawasaki FH680V-AS10 .....	25
Electrical System Assembly .....	17	Air Filter/Muffler Assembly	
Piston/Crankshaft Assembly		Kawasaki FH680V-AS10 .....	26
Kawasaki FH680V-AS10 .....	18	Fuel-Tank/Fuel Valve	
Cylinder/Crankcase Assembly		Assembly Kawasaki FH680V-AS10 .....	27
Kawasaki FH680V-AS10 .....	19	Starter/Decals Assembly	
		Kawasaki FH680V-AS10 .....	28

## Accessories

<b>Description</b>	<b>Model / Part No.</b>	<b>Description</b>	<b>Model / Part No.</b>
52" Deck Recycler Kit .....	99-4586	52" Striping Kit .....	99-4590
4 Post ROPS Kit .....	79470	Seat-Suspension, High .....	99-8522
52" Mulching Kit .....	99-8530	Blade Assembly-Atomic 18 .....	104-1301

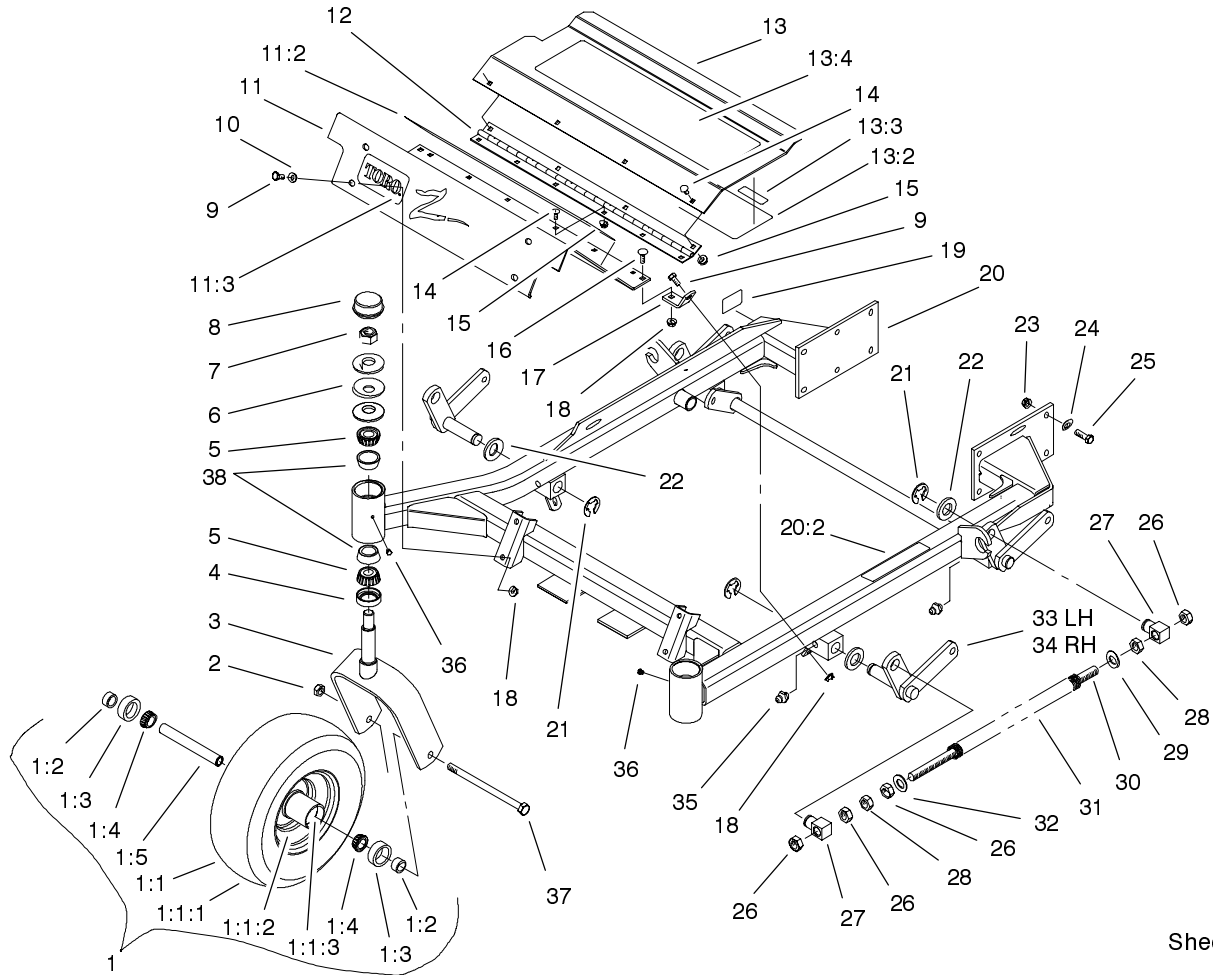
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## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

<b>Abbreviation</b>	<b>Meaning</b>	<b>Abbreviation</b>	<b>Meaning</b>
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
HLH .....	hex lag head	SHH .....	slotted hex head
HJ .....	hex jam	SQH .....	square head
HOC .....	height-of-cut	SHWH .....	slotted hex washer head
HS .....	hex socket	SPH .....	slotted pan head
HSBH .....	hex socket button head	SRH .....	slotted round head
HSFH .....	hex socket flat head	STD .....	standard
HSH .....	hex socket head	TAP .....	self tapping
HWH .....	hex washer head	TTH .....	Torx truss head
HWHTF .....	hex washer head thread forming	WH .....	wing head

PROTOTYPE

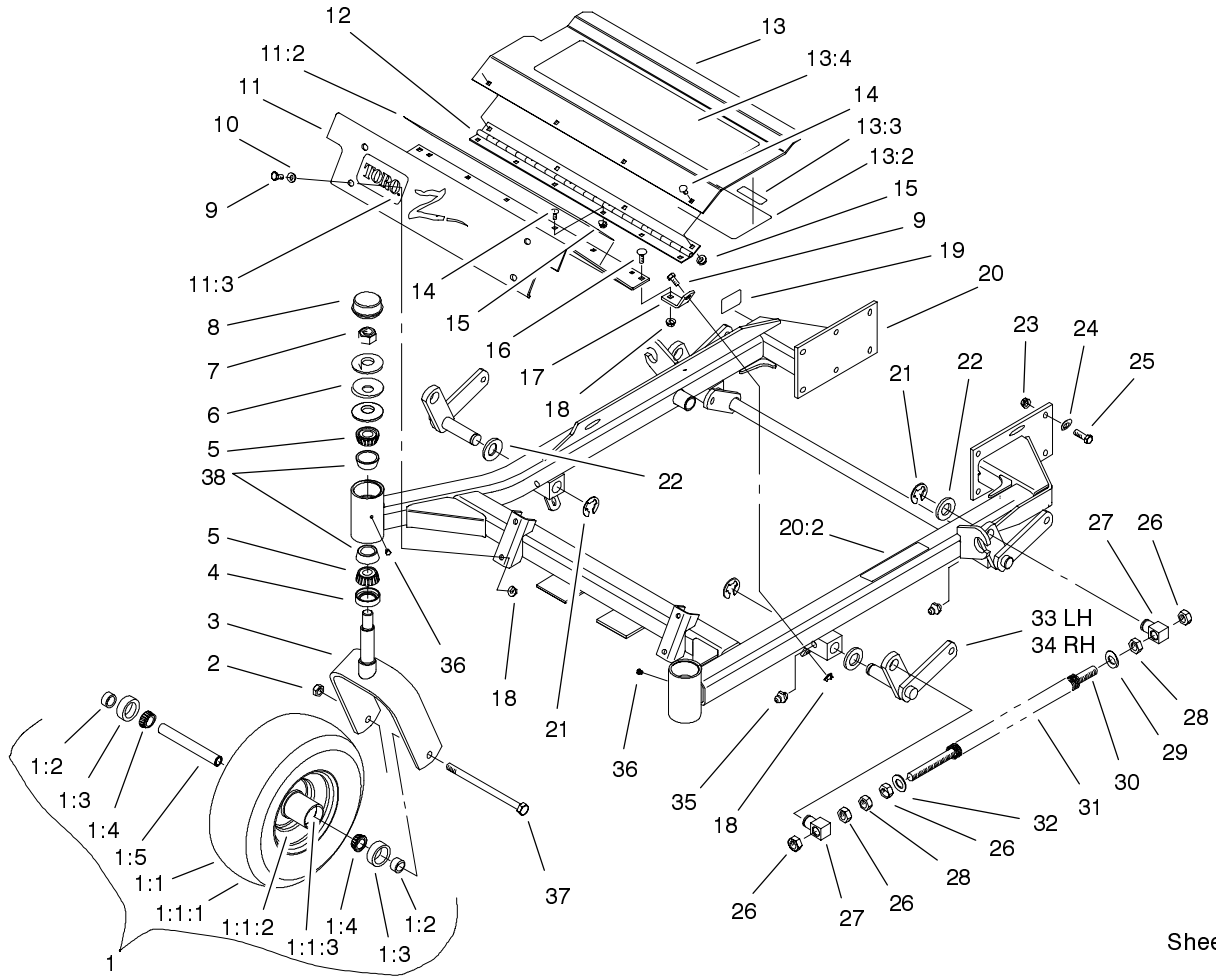


Sheet No.: 2

## Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
1:1	1-633582	1	Wheel & Tire ASM
1:1:1	1-633002	1	Tire
1:1:2	1-633583	1	Wheel
1:1:3	1-633584	2	Bearing-Cup
1:2	1-633581	2	Spacer-Bearing
1:3	1-633580	2	Seal-Bearing
1:4	1-633585	2	Bearing-Cone, Tapered
1:5	1-633579	1	Spacer,Front Caster
2	3296-45	2	Nut-Lock, NI
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Taper/Cone
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	99-3940	1	Floorpan-Front
11:2	1-633553	1	Pad-Antiskid
11:3	1-633737	1	Decal-Z-Master
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

Ref. No.	Part No.	Qty.	Description
13:4	1-633553	1	Pad-Antiskid
14	3229-10	10	Screw-CARR
15	32128-33	10	Nut-HF
16	3230-1	2	Screw-CARR
17	99-3870-01	2	Bracket-Floorpan
18	32128-20	8	Nut-HF
19	88-1270	1	Decal-Safety STD
20	99-3931	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-Flange, Lock
24	98-5975	12	Washer-Belleville
25	323-7	12	Screw-HH
26	3217-11	8	Nut-Hex
27	1-633441	4	Swivel-Deck Mount, Rear
28	3218-6	4	Nut-Jam
29	3256-7	2	Washer-Flat
30	1-653011	2	Rod,Deck Lift
31	1-653009	2	Spring,Compression
32	3256-27	2	Washer-Flat
33	99-3871-01	1	Lift Arm ASM - LH
34	99-3872-01	1	Lift Arm ASM - RH
35	302-19	4	Fitting-Grease
36	1-811010	2	Plug



Sheet No.: 2

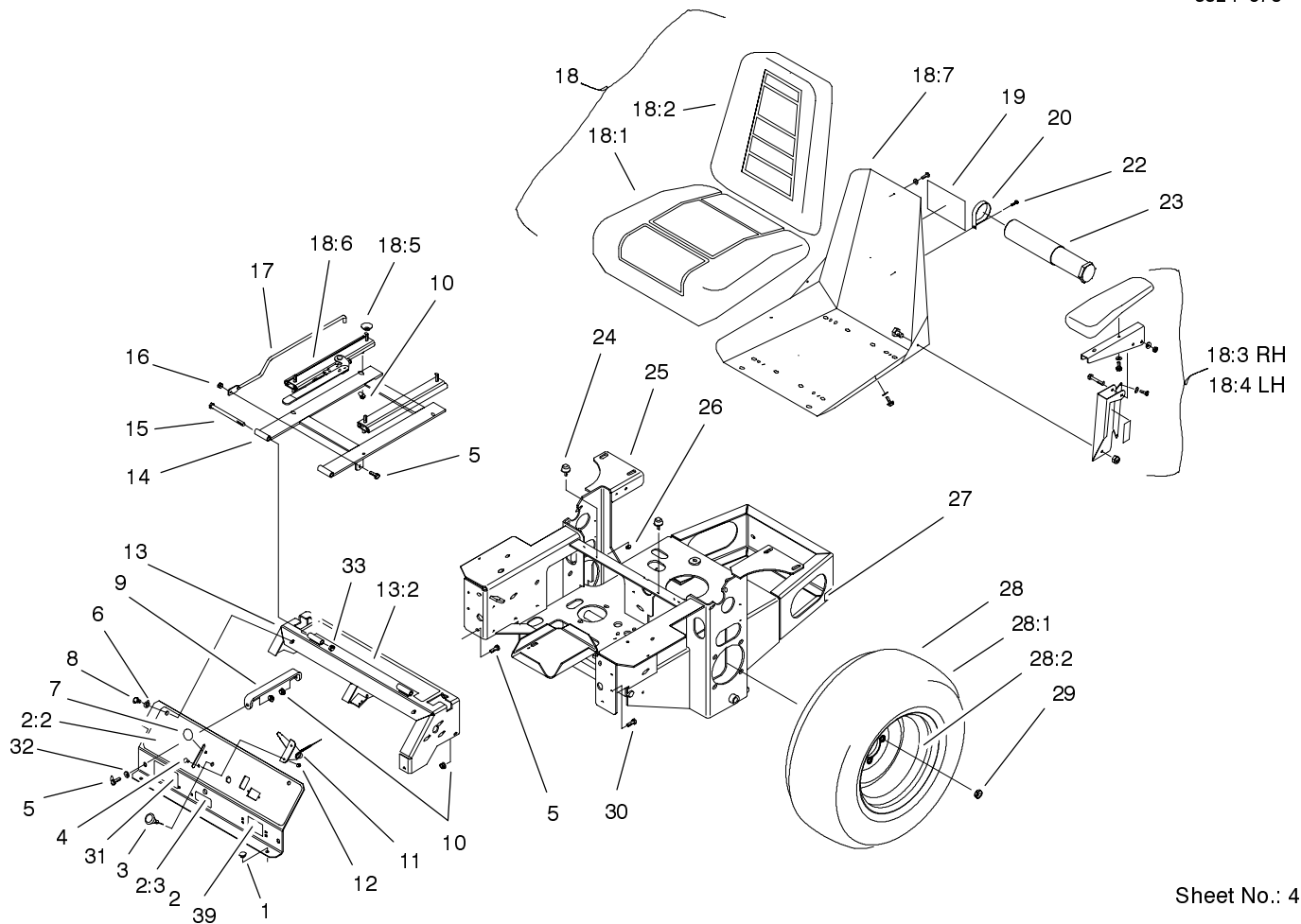
### Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
37	325-36	2	Screw-HH
38	254-72	4	Bearing-Taper/Cup

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

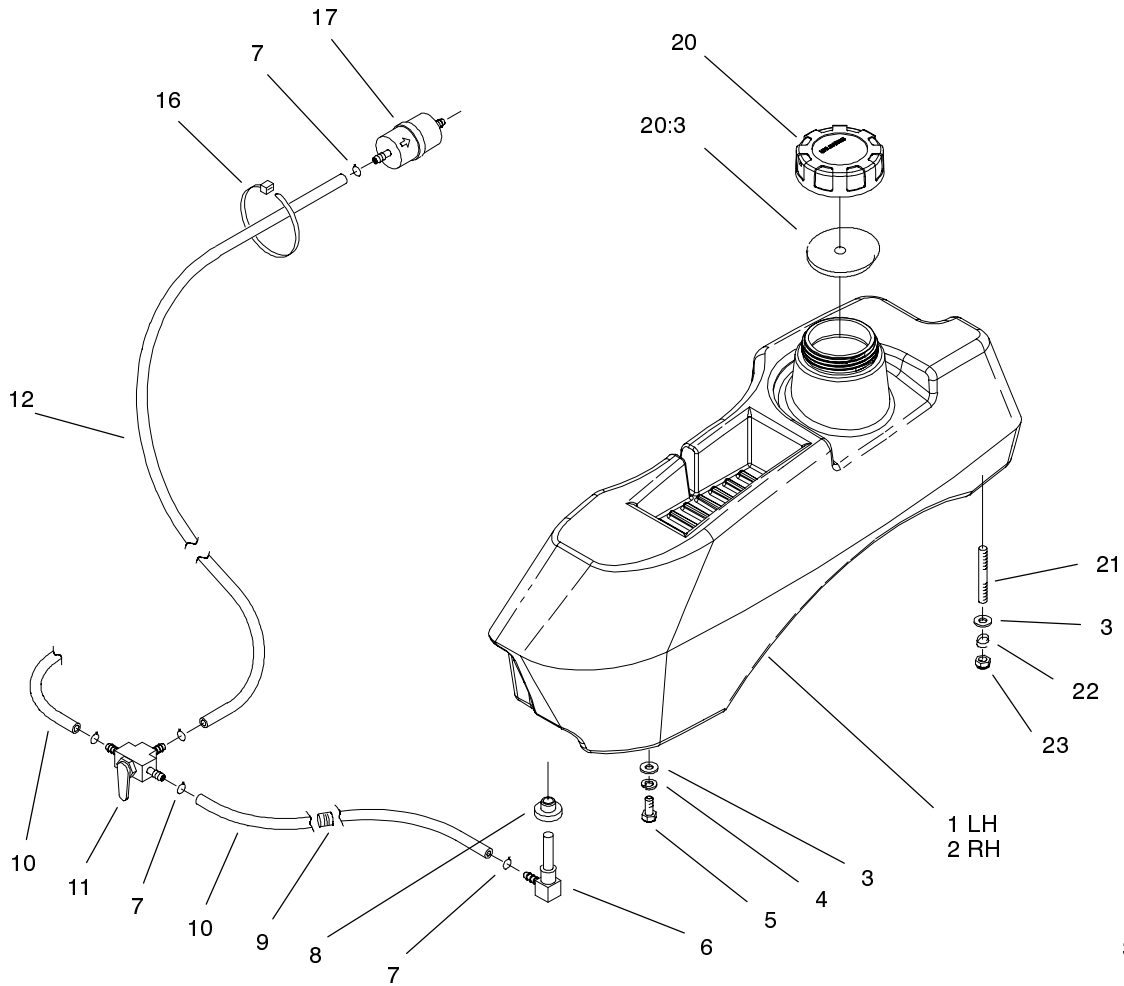




Sheet No.: 4

## Main Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-513658	2	Bumper-Catcher, Grass	18:5	1-543401	4	Spacer-Track
2	103-0724	1	Instrument Panel ASM	18:6	1-643255	1	Track-Seat
2:2	103-0167	1	Decal, Console	18:7	1-633859	1	Frame-Seat
2:3	103-0262	1	Decal-Valve, Fuel	19	99-4693	1	Decal-Toro
3	1-603336	1	Control-Choke	20	2412-120	2	R-Clamp
4	1-807513	2	Bolt-CARR	22	32104-76	2	Screw
5	322-5	3	Screw-HH	23	74-0720	1	Tube-Manual
6	3256-23	2	Washer-Flat	24	1-523420	2	Bumper
7	1-513592	1	Knob-Ball, Red	25	103-0712-03	1	Wld, Mainframe - Pntd
8	322-3	3	Screw-HH	26	3296-42	2	Nut-Lock NI
9	1-653089-03	1	Bracket	27	65-2690	2	Decal-Surface, Hot
10	32128-20	12	Nut-HF	28	1-653159	2	ASM, Wheel & Tire
11	1-633696	1	Cable-Throttle	28:1	1-653160	1	Tire
12	3296-2	2	Nut-Lock	28:2	1-653161	1	Wheel
13	99-3933	1	Console ASM	29	242-50	8	Nut - Lug
13:2	103-0315	1	Decal-Console	30	322-2	6	Screw-HH
14	1-632187-03	1	Frame - Seat	31	100-3969	1	Decal-Z153
15	323-39	2	Screw-HH	32	3256-3	2	Washer-Flat
16	3296-29	1	Nut-Lock	33	3296-39	2	Nut-Lock, NI
17	1-653495	1	Rod-Hold Up, Seat	39	98-4387	1	Decal-Protection, Ear
18	1-633705	1	Seat W/Tracks				
18:1	103-0290	1	Cushion-Bottom, Seat				
18:2	104-7754	1	Cushion - Back, Seat				
18:3	1-633710	1	Cushion-Armrest, RH				
18:4	1-633711	1	Cushion-Armrest, LH				

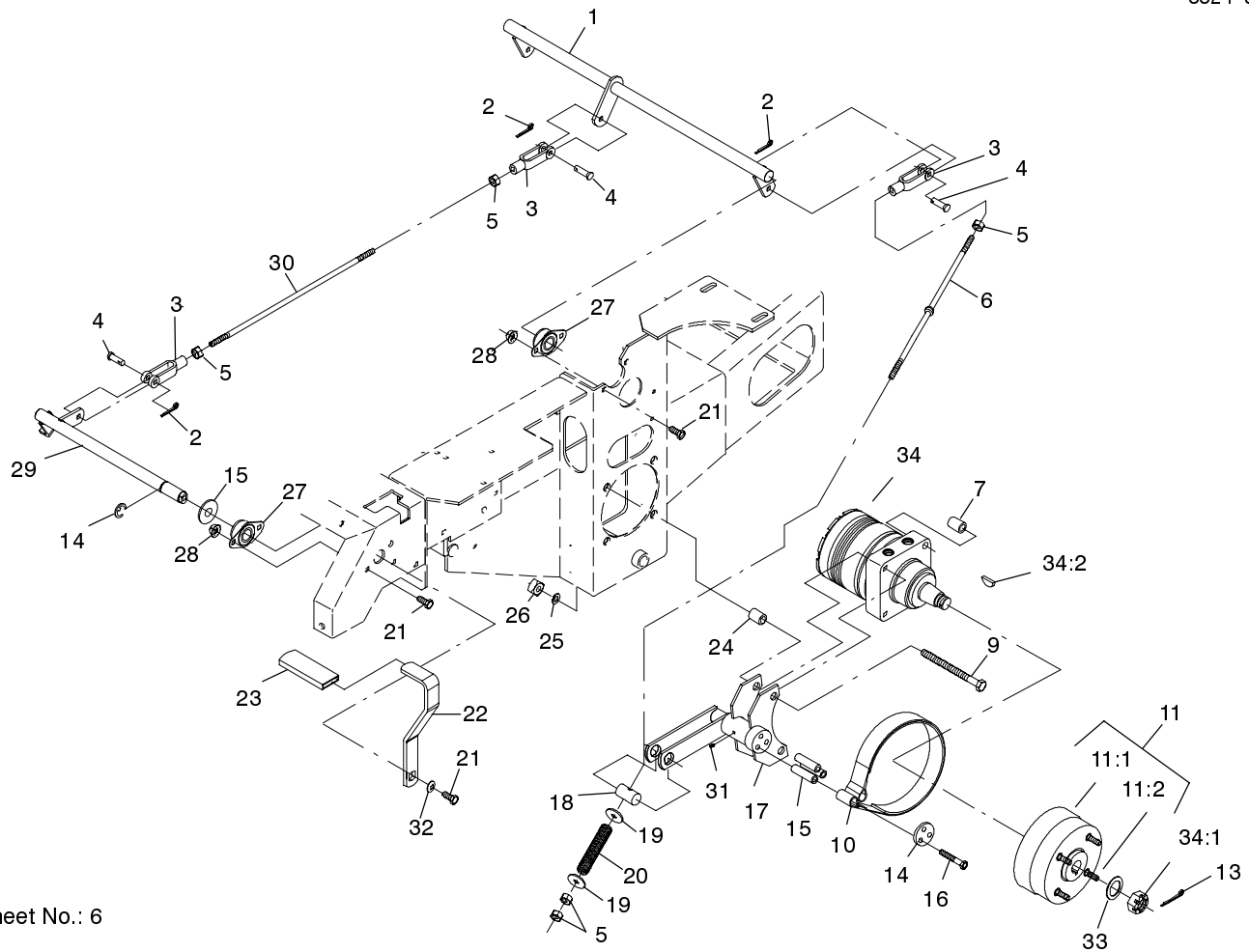


Sheet No.: 5

## Fuel System Assembly

Ref. No.	Part No.	Qty.	Description
1	104-5120	1	Tank - Fuel, LH
2	104-5121	1	Tank - Fuel, RH
3	3256-23	8	Washer-Flat
4	1-805005	4	Washer-Lock
5	322-3	4	Screw-HH
6	1-543277	2	Elbow-Tank, Fuel
7	1-303077	6	Clamp-Line, Fuel
8	1-513645	2	Bushing-Valve, Fuel
9	1-543296	2	Grommet, Fuel Line
10	1-543526	2	Hose, Fuel
11	1-633347	1	Valve-Fuel
12	103-0216	1	Hose-Fuel
16	1-303335	1	Tie-Plastic
17	49019-7001	1	Filter-Fuel
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

Ref. No.	Part No.	Qty.	Description
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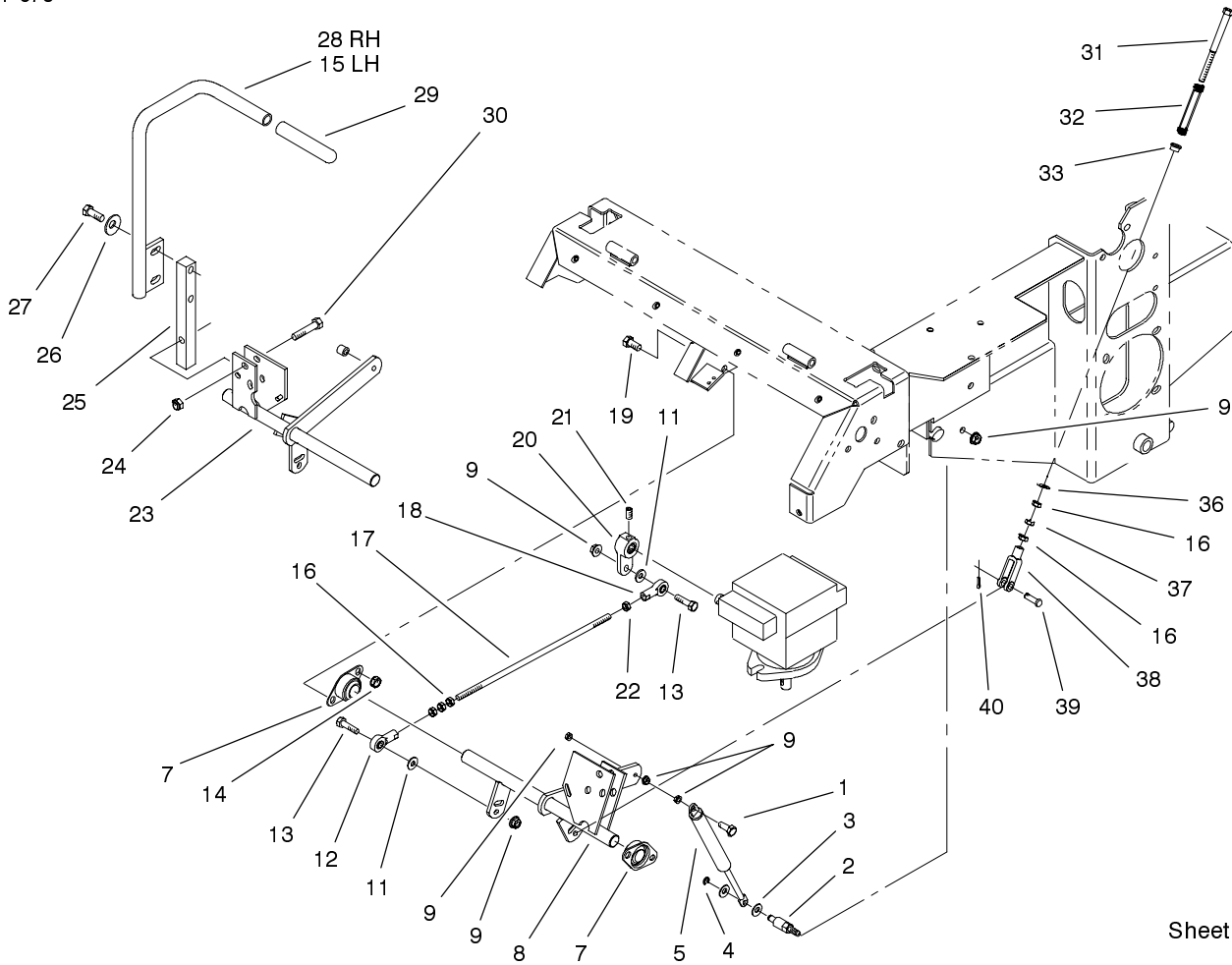


Sheet No.: 6

## Parking Brake Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-652073-03	1	Wld, Park Brake Crank	27	1-633102	4	Bearing-Flange, Side
2	3272-10	4	Pin-Cotter	28	3290-357	8	Nut-Flange, Lock
3	1-633131	4	Yoke-Linkage, Brake	29	1-652085	1	Shaft - Parking Brake
4	1-808285	4	Pin-Clevis	30	1-653061	1	Linkage-Handle, Brake
5	3219-3	8	Nut-HH	31	1481	2	Fitting-Grease
6	103-0356	2	Rod, Brake	32	98-5975	2	Washer-Belleville
7	1-653068	4	Spacer, Wheel	33	1-523157	2	Washer-Spacer
8	325-13	8	Screw-HH	34	1-523328	2	Motor-Wheel
10	103-0355	2	Band-Brake	34:1	1-809036	1	Nut-HH
11	103-0590	2	Hub-Wheel W/Studs	34:2	3257-42	1	Key-Woodruff
11:1	103-0589	1	Hub-Wheel	*34:99	1-000099	1	Kit-Seal
11:2	1-633926	4	Stud-Heel	*34:99	1-000139	1	Kit-Bearing
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, Park Brake				
23	1-633268	1	Grip-Lever, Brake				
24	1-653069	4	Spacer, Wheel				
25	3253-7	8	Washer-Lock				
26	103-0131	8	Nut-Square				

\* Not illustrated

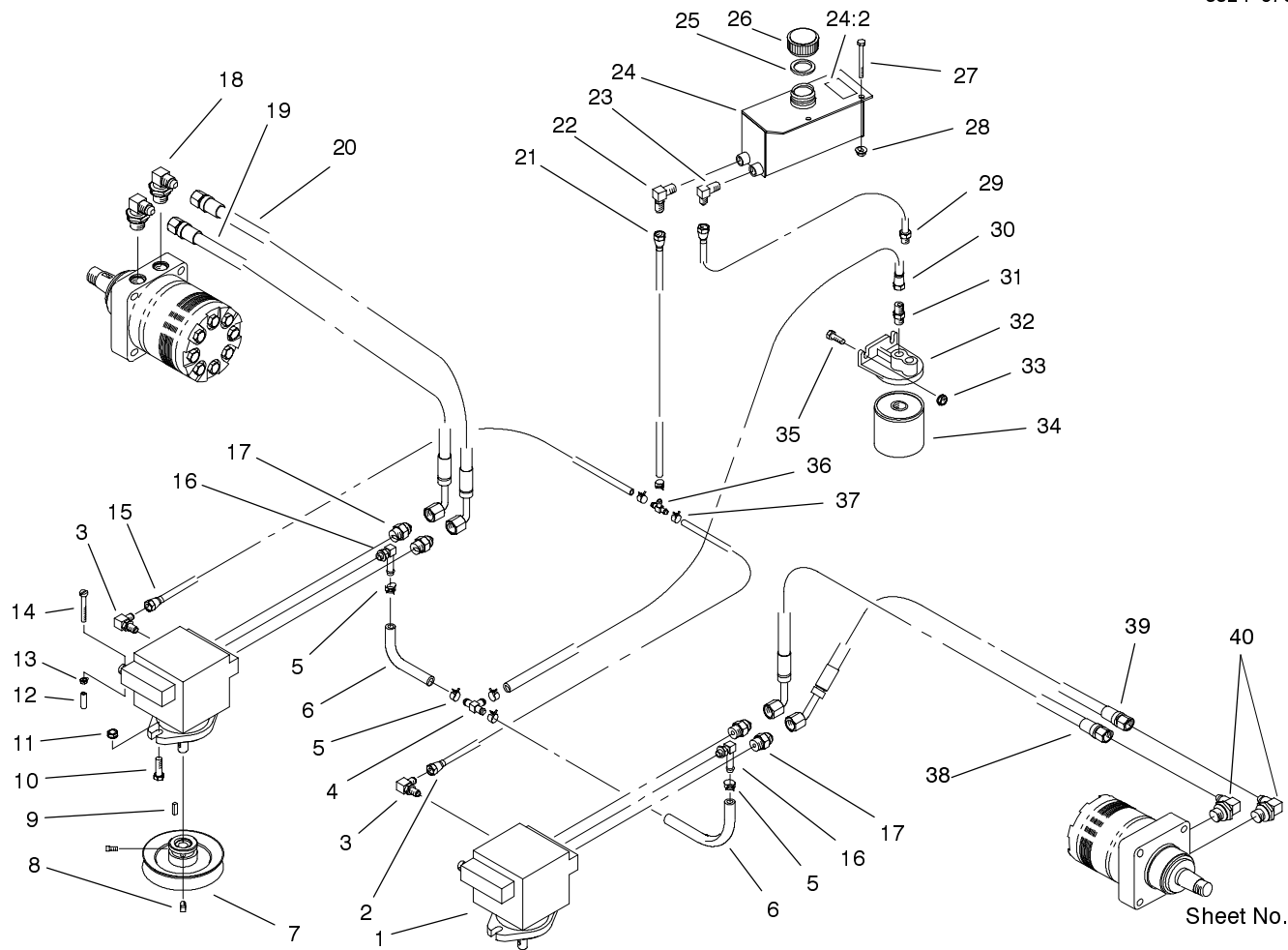


Sheet No.: 7

## Motion Control System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	1-653316	2	Pin-Dampner
3	3256-23	4	Washer-Flat
4	32120-35	2	E-Ring
5	1-523027	2	Damper-Control
7	1-633102	4	Bearing-Flange, Side
8	1-652467	1	Motion Control, LH
9	32128-20	12	Nut-HF
11	3256-3	4	Washer-Flat
12	1-543017	2	Balljoint-RH
13	322-6	4	Screw-HH
14	3290-357	8	Nut-Flange, Lock
15	1-632191-03	1	Lever - Control, LH
16	3219-2	10	Nut-Hex
17	1-653046	2	Linkage,Pump/Lever
18	1-633152	2	Balljoint-Thread, LH
19	323-4	8	Screw-HH
20	1-653092	2	Arm,Pump Control
21	1-803022	2	Screw
22	1-804524	2	Nut
23	1-652466	1	Motion Control, RH
24	3296-39	6	Nut-Lock, NI
25	1-633177	2	Arm-Control, Shaft
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	1-632193-03	1	Lever - Control, RH

Ref. No.	Part No.	Qty.	Description
29	1-633257	2	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, Nylon
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



Sheet No.: 8

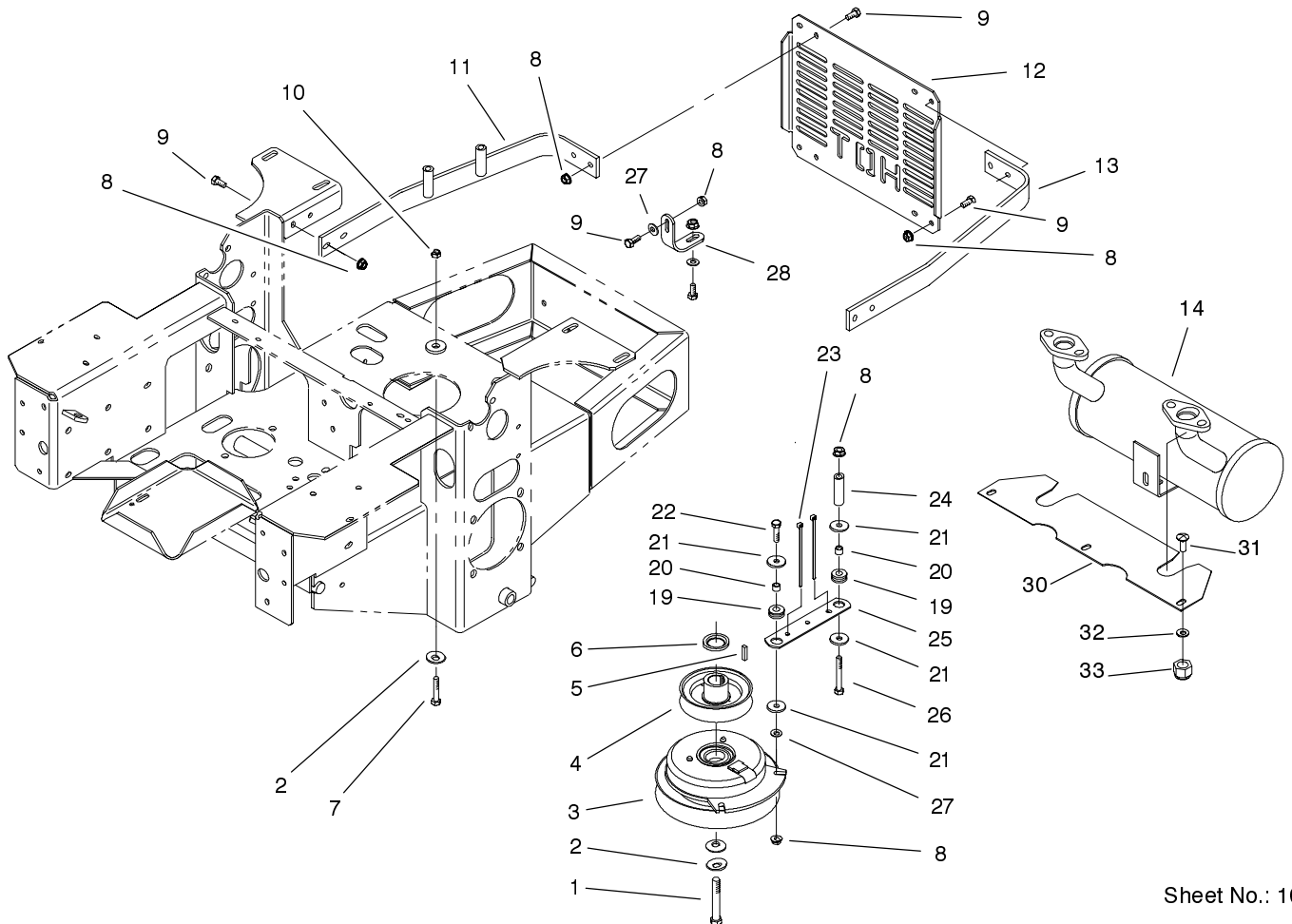
## Hydraulics Assembly

Ref. No.	Part No.	Qty.	Description
1	1-603841	2	Pump-Hydraulic
*1	80-6130	2	Kit-Seal, Overhaul
2	1-632285	1	Hose ASM
3	1-513840	2	Fitting-90 DEG
4	1-603721	1	Fitting-Tee, Hose
5	1-603827	5	Clamp-Hose
6	1-413273	2	Hose
7	1-413010	2	Sheave,4.25 W/Hub
8	1-803050	4	Screw-Set
9	1-807272	2	Key-Machine
10	323-7	4	Screw-HH
11	3290-357	4	Nut-Flange, Lock
12	1-613073	2	Grip,Dump Valve
13	3296-42	2	Nut-Lock NI
14	1-801063	4	Screw
15	1-632286	1	Hose ASM
16	1-603989	2	Fitting
17	1-603990	4	Fitting-Straight
18	1-633605	2	Fitting,Connector
19	1-653186	1	Hose,Front
20	1-653187	1	Hose,RH Rear
21	1-654144	1	Hose
22	1-603987	1	Fitting-Elbow
23	1-603988	1	Fitting-Elbow
24	99-4625	1	Hydraulic Tank ASM
24:2	1-523552	1	Decal-Tank, Hydraulic

Ref. No.	Part No.	Qty.	Description
25	1-523103	1	Gasket-Cap, Tank
26	1-513167	1	Cap
27	321-15	2	Screw-HH
28	32128-33	2	Nut-HF
29	1-654320	1	Hose
30	1-654509	1	Hose
31	1-513510	1	Fitting, Straight
32	1-603720	1	Head-Filter
33	32128-20	2	Nut-HF
34	1-633750	1	Filter-Hydraulic
34	1-633752	1	Filter-Hydraulic, Winter
35	322-5	2	Screw-HH
36	1-603722	1	Fitting-Tee, Hose
37	1-603826	3	Clamp-Hose
38	1-653409	1	Hose,Hydraulic
39	1-653410	1	Hose,Hydraulic
40	1-633786	2	Fitting-90 DEG

\* Not illustrated



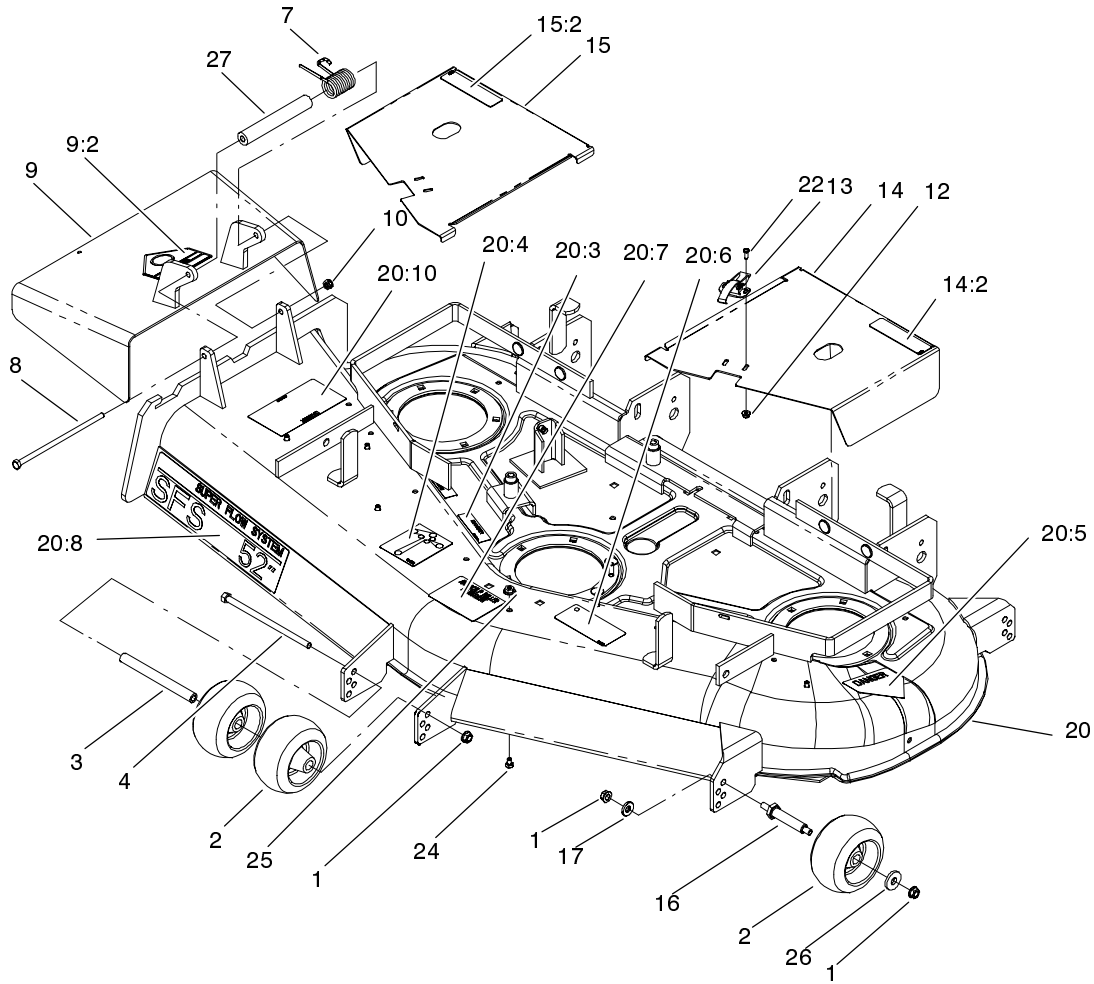


Sheet No.: 10

## Engine and Clutch Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3212-12	1	Screw-Cap HH	31	3230-1	3	Screw-CARR
2	1-303334	4	Washer-Spring	32	3256-23	3	Washer-Flat
3	1-653048	1	Clutch, Mag Stop	33	3296-29	3	Nut-Lock
4	1-653035	1	Sheave, W/Hub	☆99		1	Engine-Kawasaki, Fh680v-As10
5	1-807259	1	Key				
6	1-543214	1	Spacer-Crankshaft				
7	322-9	4	Screw-HH				
8	32128-20	16	Nut-HF				
9	322-3	14	Screw-HH				
10	3296-29	4	Nut-Lock				
11	1-652146-03	1	Strap-Guard, Engine				
12	1-653095-03	1	Shield, Engine				
13	1-653093-03	1	Strap, Engine Guard				
14	1-653260	1	Muffler, 19/23 Kawasaki				
19	1-633630	2	Grommet-Brake				
20	1-633545	2	Spacer-Grommet				
21	1-613235	4	Washer				
22	322-6	1	Screw-HH				
23	1-303335	2	Tie-Plastic				
24	1-523406	1	Bushing-Mount, Seat				
25	1-633543-03	1	Strap-Clutch, Brake				
26	322-22	1	Screw-HH				
27	3256-3	3	Washer-Flat				
28	1-653196	1	Bracket-Support, Muffler				
30	1-653539-03	1	Shield, Heat				

☆ Not serviced



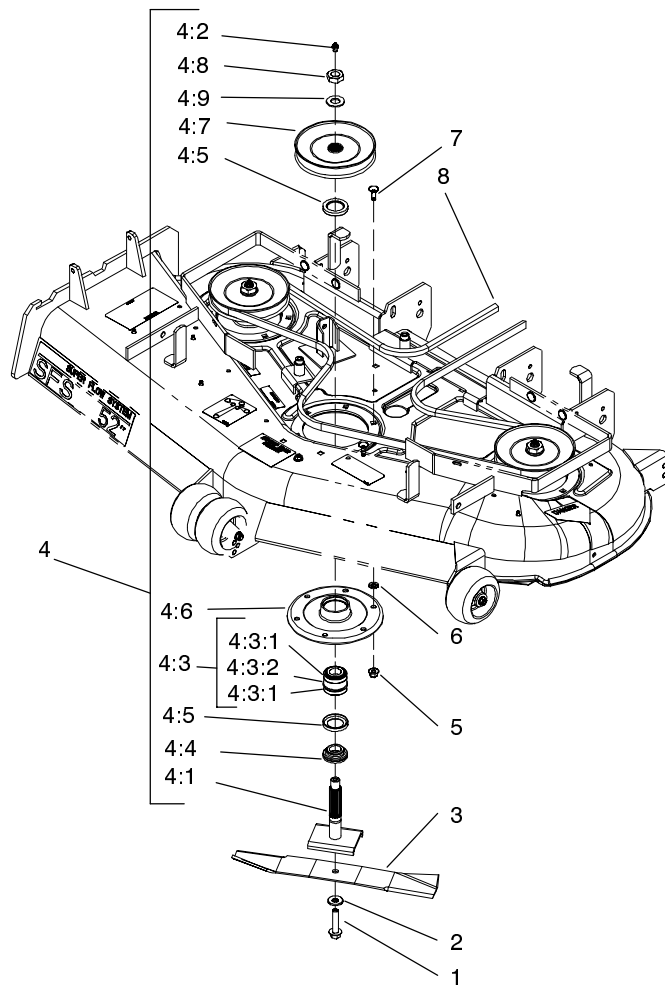
Sheet No.: 14

## 52" Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	3290-357	9	Nut-Flange, Lock
2	68-2730	6	Gage-Wheel
3	98-5967	1	Spacer - Wheel
4	323-28	1	Screw-HH
7	104-8554	1	Spring-Torsion
8	322-50	1	Screw-Cap
9	104-7753	1	Deflector ASM W/ Decals
9:2	54-9220	1	Decal-Danger
10	3296-29	1	Nut-Lock
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	4	Spacer-Wheel
17	98-5975	4	Washer-Belleville
20	104-7792	1	Deck ASM W/ Decals
20:3	98-5954	3	Decal-Missing, Cover
20:4	99-3943	1	Decal-Routing, Belt
20:5	43-8480	1	Decal-Danger
20:6	93-7818	1	Decal-Torque, Blade
20:7	98-3798	1	Decal-Wheel, Gage
20:8	98-5953	1	Decal-Sfs
20:10	66-1340	1	Decal-Danger

Ref. No.	Part No.	Qty.	Description
22	3290-321	4	Screw-HWH
24	321-1	6	Screw-HH
25	32128-33	6	Nut-HF
26	1-373034	4	Washer-Swivel
27	104-8555	1	Spacer-Deflector, Mounting

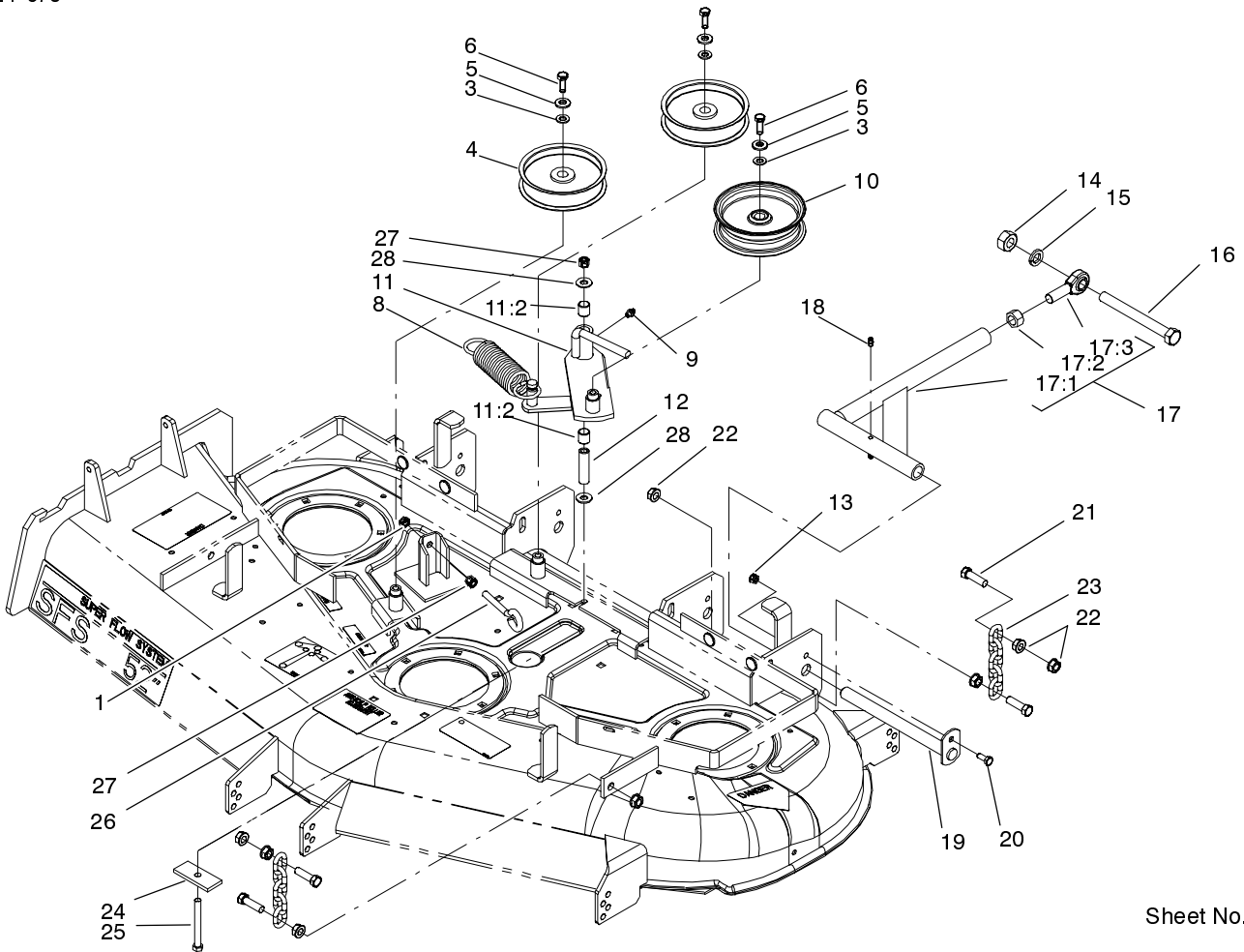
PROTOTYPE



Sheet No.: 15

## 52" Deck Spindle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-5816	3	Bolt-Blade				
2	1-513435	3	Washer-Spring				
3	56-2390	3	Blade				
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				
4:3:1	27-0960	1	Bearing ASM				
4:3:2	27-5970	1	Spacer-Set, Matched				
4:4	27-0950	1	Spacer-Bearing, Spindle				
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-Pinion				
5	32128-21	18	Nut-HF				
6	3256-24	6	Washer-Flat				
7	3231-22	18	Screw-CARR				
8	99-3904	1	Belt-Deck				



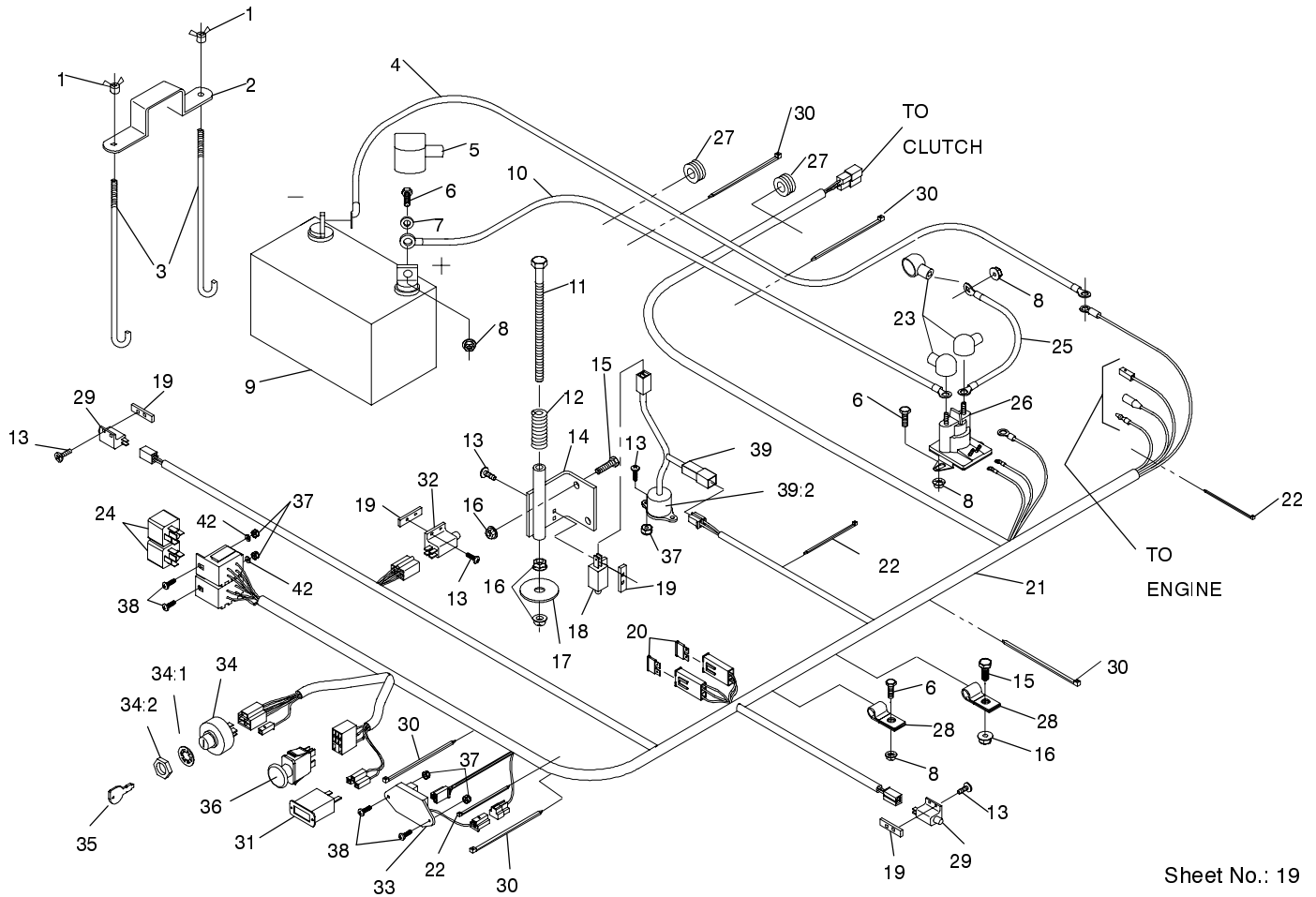
Sheet No.: 16

## Idler Pulley/Lift Strut Chains Assembly

Ref. No.	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	1-633151	1	Spring-Extension
9	302-40	1	Fitting-Grease
10	1-413099	1	Pulley-Idler
11	99-3879	1	Idler Arm ASM W/Bushings
11:2	1-513034	2	Sleeve-Bearing
12	1-603384	1	Bushing-Pivot, Idler
13	3296-29	2	Nut-Lock
14	3217-11	2	Nut-Hex
15	3253-8	2	Washer-Lock
16	1-800344	2	Screw
17	103-1081	2	ASM, Strut STD Long
17:1	103-1072-01	1	Strut-Deck
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, Deck
20	322-3	2	Screw-HH
21	1-800811	8	Screw-Cap HH
22	32128-37	16	Nut-HF
23	1-633447	4	Chain-Lift, Deck

Ref. No.	Part No.	Qty.	Description
24	99-3946-01	1	Plate-Retainer, Bolt
25	1-800805	1	Screw-HH
26	94-2547	1	Eyebolt
27	3296-39	2	Nut-Lock, NI
28	1-809107	2	Washer-Hardened

PROTOTYPE

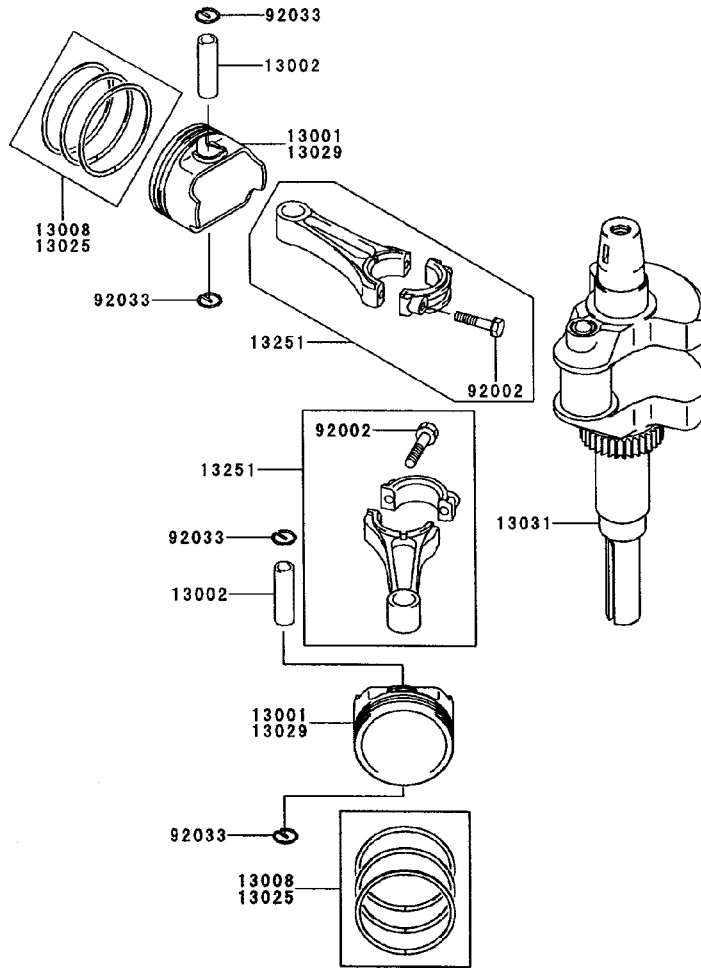


Sheet No.: 19

## Electrical System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	1-633652-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable,Ground (-)
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	1-603479	1	Battery
10	103-0707	1	Cable,Battery
11	1-800282	1	Screw-HH
12	1-523415	1	Spring-Switch, Seat
13	3290-500	10	Screw-PPH
14	1-652072-03	1	Wld,Seat Switch Bracket
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-Type, Blade
21	103-0623	1	Harness,Wire Lhp Ka
22	1-303287	3	Tie-Plastic
23	1-543393	3	Insulator-Solenoid

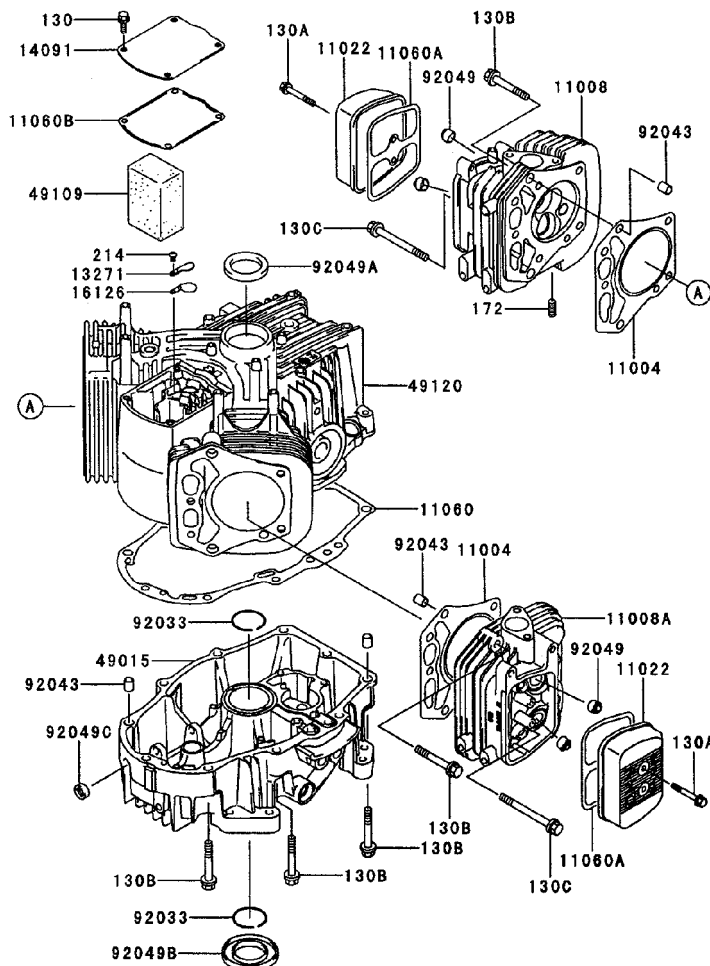
Ref. No.	Part No.	Qty.	Description
24	1-643275	2	Relay
25	1-633306	1	Wire,Starter
26	1-513075	1	Switch,12v Solenoid
27	1-543286	2	Grommet
28	1-633396	2	Clip-Loom
29	1-513051	2	Switch-Open, Normally
30	1-303335	5	Tie-Plastic
31	1-513374	1	Meter-Hours
32	1-633111	1	Switch
33	100-6186	1	Module-Delay, Seat
34	88-9830	1	Switch-Ignition
34:1	3254-5	1	Washer-Lock, Internal
34:2	218-461	1	Nut-HH
35	63-8360	2	Key-Ignition
36	1-633673	1	Switch-Delta
37	3296-2	6	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	2	Washer-Flat



### Piston/Crankshaft Assembly Kawasaki FH680V-AS10

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13001	13001-7007	2	Piston-Engine				
13002	13002-7001	2	Pin-Piston				
13008	13008-6058	2	Ring-Set-Piston				
13025	13025-7002	A/R	Ring-Set, Piston L,0.50				
13029	13029-7003	A/R	Piston-Engine L,0.50				
13031	13031-7002	1	Crankshaft-Comp				
13251	13251-7002	2	Rod-Assy-Connecting				
92002	92002-2053	4	Bolt				
92033	92033-7005	4	Ring-Snap				

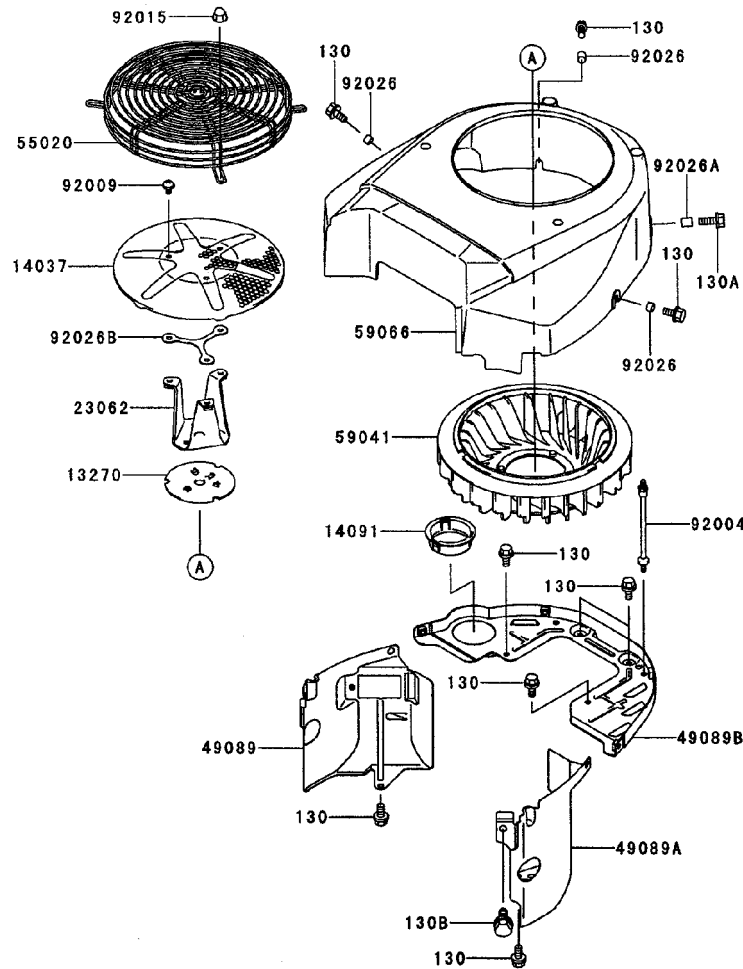
PROTOTYPE



### Cylinder/Crankcase Assembly Kawasaki FH680V-AS10

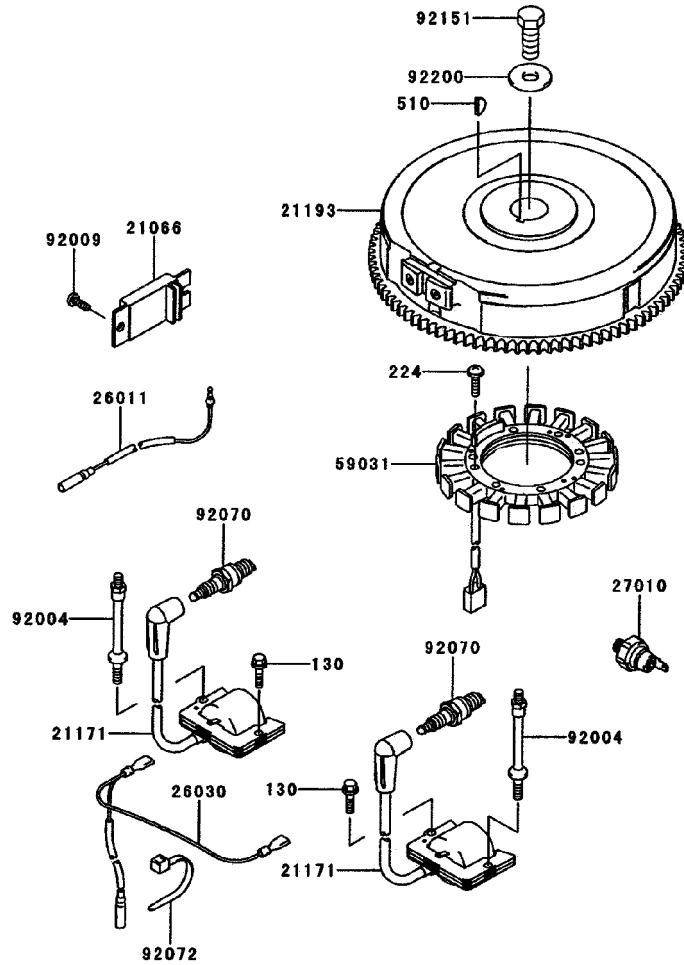
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11004	11004-7004	2	Gasket-Head	172	172G0818	4	Bolt-Stud
11008	11008-7003	1	Head-Comp-Cylinder	214	214B0408	1	Screw-Pan
11008A	11008-7004	1	Head-Comp-Cylinder				
11022	11022-7002	2	Case-Rocker				
11060	11060-7012	1	Gasket, CrankCase				
			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	49120-6122	1	Crankcase-Comp				
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				





### Cooling-Equipment Assembly Kawasaki FH680V-AS10

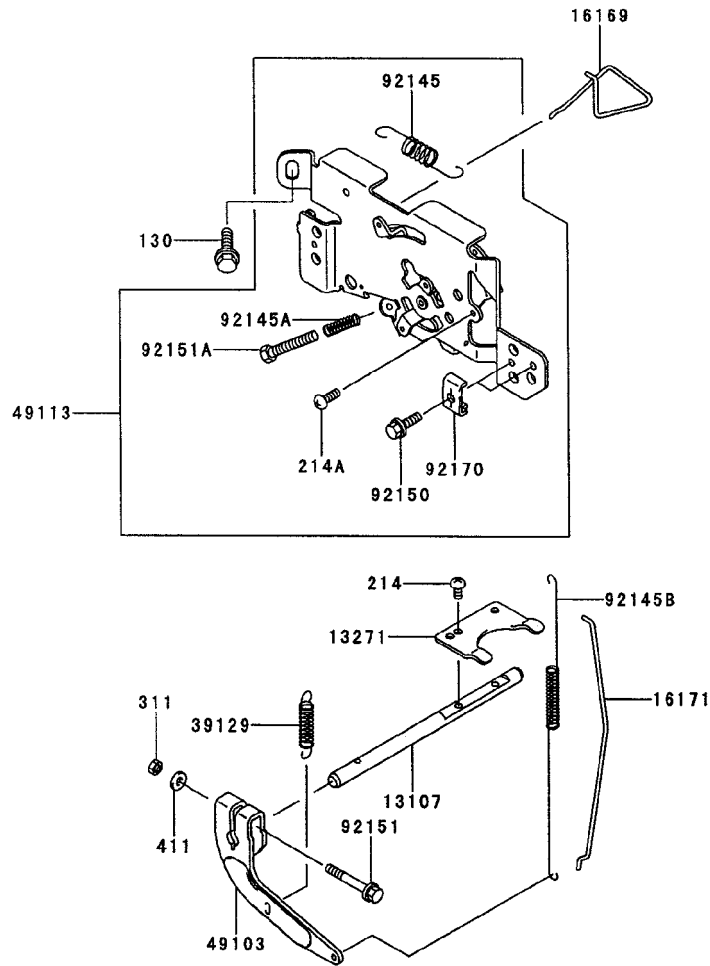
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13270	13270-7007	1	Plate				
14037	14037-7008-9H	1	Screen				
14091	14091-7002	1	Cover				
23062	23062-7005	1	Bracket-Comp				
49089	49089-7004	1	Shroud-Engine				
49089A	49089-7005	1	Shroud-Engine				
49089B	49089-7006	1	Shroud-Engine				
55020	55020-7002	1	Guard				
59041	59041-7003	1	Fan				
59066	59066-7004	1	Housing-Fan				
92004	92004-2148	2	Stud				
92009	92009-7008	3	Screw, 6x10				
92015	92015-1170	4	Nut				
92026	92026-7001	3	Spacer, 6.2x7.9x5				
92026A	92026-7003	1	Spacer, 6.5x7.9x10.5				
92026B	92026-7007	1	Spacer				
130	130B0612	9	Bolt-Flanged				
130A	130B0620	2	Bolt-Flanged				
130B	130B0816	1	Bolt-Flanged				



## Electric-Equipment Assembly Kawasaki FH680V-AS10

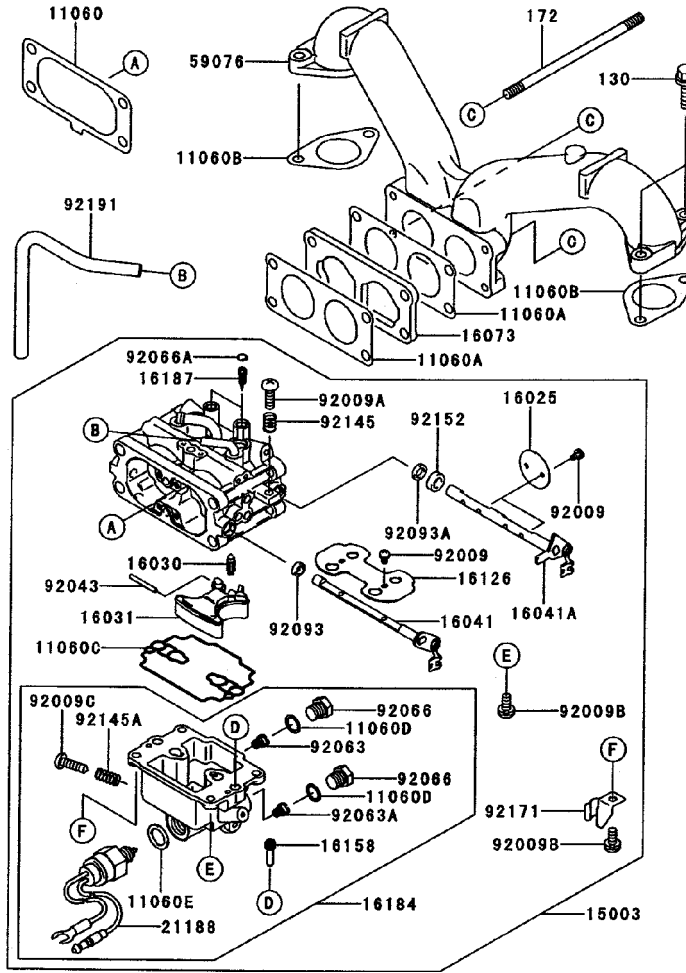
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
21066	21066-7003	1	Regulator-Voltage				
21171	21171-7001	2	Coil-Assy-Ignition				
21193	21193-7002	1	Flywheel-Assy				
26011	26011-7008	1	Wire-Lead				
26030	26030-7002	1	Harness				
27010	27010-7001	1	Switch				
59031	59031-7001	1	Coil-Charging				
92004	92004-2147	2	Stud				
92009	92009-2308	1	Screw				
92070	92070-7004	2	Plug-Spark, BPR4ES (NGK), Solid				
92072	92072-7003	2	Band				
92151	92151-2097	1	Bolt, 12x30				
92200	92200-7002	1	Washer				
130	130B0620	2	Bolt-Flanged				
224	224B0520	4	Screw-Pan-WP-Cros				
510	510A5100	1	Key-Woodruff				

PROTOTYPE



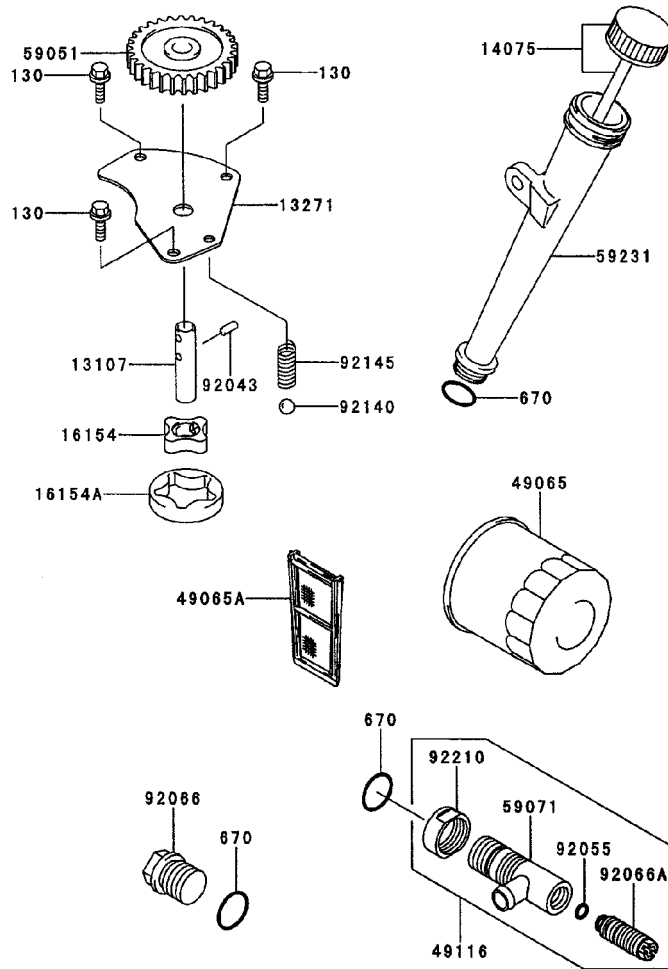
### Control-Equipment Assembly Kawasaki FH680V-AS10

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13107	13107-7011	1	Shaft				
13271	13271-7018	1	Plate				
16169	16169-7005	1	Link-Choke				
16171	16171-7004	1	Link				
39129	39129-7004	1	Spring-Governor				
49103	49103-7002	1	Arm-Governor				
49113	49113-7007	1	Panel-Comp-Control				
92145	92145-7004	1	Spring				
92145A	92145-7005	1	Spring				
92145B	92145-7009	1	Spring				
92150	92150-2182	2	Bolt, 5x18				
92151	92151-7006	1	Bolt, 6x30				
92151A	92151-7014	1	Bolt, 5x30				
92170	92170-7001	2	Clamp				
130	130B0612	2	Bolt-Flanged				
214	214B0408	2	Screw-Pan				
214A	214B0412	1	Screw-Pan				
311	311B0600	1	Nut-Hex				
411	411B0600	1	Washer-Plain				



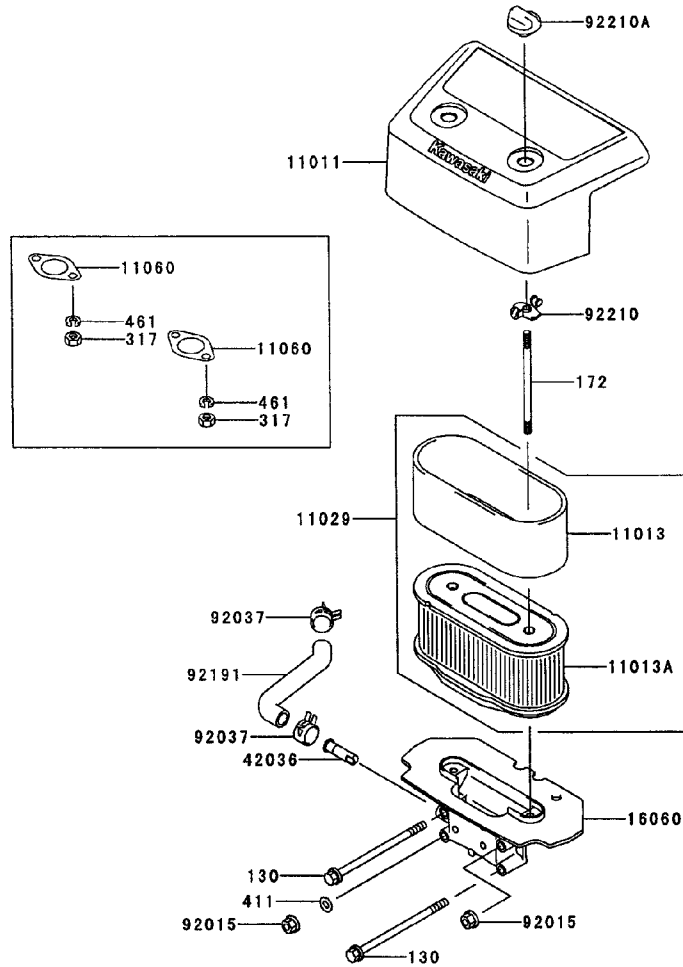
## Carburetor Assembly Kawasaki FH680V-AS10

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11060	11060-7009	1	Gasket, Air Filter	92063	92063-7001	1	Jet-Main, #104
11060A	11060-7010	2	Gasket, Carburetor	92063A	92063-7002	1	Jet-Main, #106
11060B	11060-7011	2	Gasket	92066	92066-7008	2	Plug, Main Jet
11060C	11060-7018	1	Gasket, Float Chamber	92066A	92066-7009	2	Plug, Extension
11060D	11060-7019	2	Gasket, Main Plug	92093	92093-7001	1	Seal
11060E	11060-7020	1	Gasket, Solenoid	92093A	92093-7002	1	Seal
15003	15003-7022	1	Carburetor-Assy	92145	92145-7010	1	Spring
16025	16025-7001	2	Valve-Throttle	92145A	92145-7011	1	Spring
16030	16030-7002	1	Valve-Float	92152	92152-7001	1	Collar
16031	16031-7001	1	Float	92171	92171-7001	1	Clamp
16041	16041-7001	1	Shaft-Carburetor, Choke	92191	92191-7010	1	Tube
16041A	16041-7004	1	Shaft-Carburetor Throttle	130	130B0620	4	Bolt-Flanged
16073	16073-7003	1	Insulator	172	172G0105	2	Bolt-Stud
16126	16126-7004	1	Valve, Choke				
16158	16158-7003	2	Jet-Slow, #56				
16184	16184-7001	1	Chamber-Assy-Float				
16187	16187-7002	2	Needle-Jet				
21188	21188-7001	1	Solenoid				
59076	59076-7002	1	Manifold-Intake				
92009	92009-7003	6	Screw				
92009A	92009-7004	1	Screw				
92009B	92009-7005	4	Screw				
92009C	92009-7006	1	Screw, Drain				
92043	92043-7004	1	Pin-Float				



## Lubrication-Equipment Assembly Kawasaki FH680V-AS10

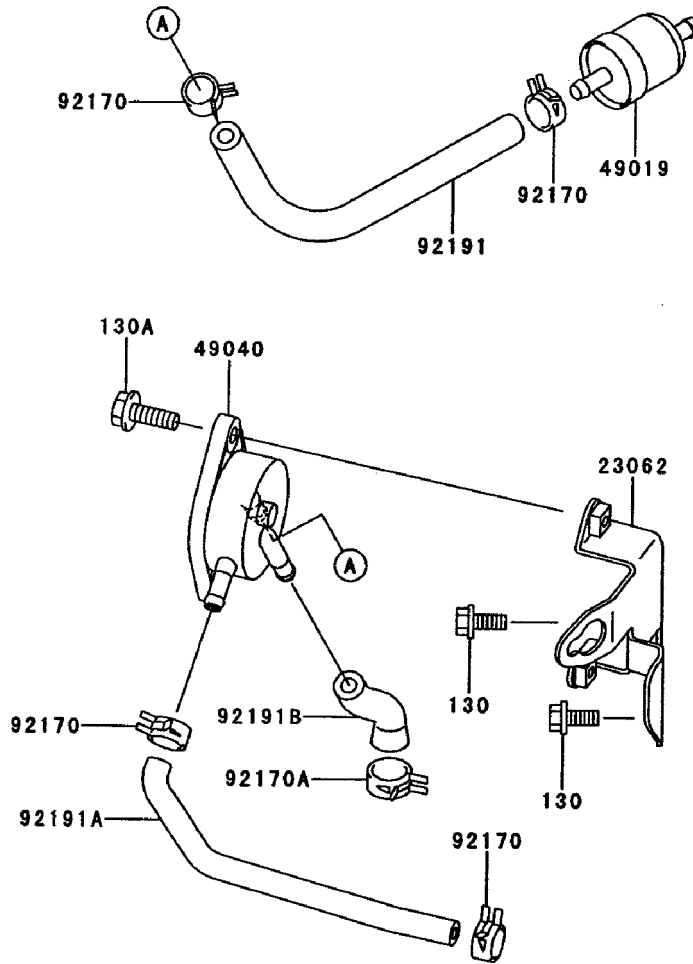
Ref. No.	Part No.	Qty.	Description		Ref. No.	Part No.	Qty.	Description
13107	13107-7009	1	Shaft, Oil Pump					
13271	13271-7005	1	Plate					
14075	14075-7002	1	Cap-Assy					
16154	16154-2053	1	Rotor-Pump, In					
16154A	16154-2054	1	Rotor-Pump, Out					
49065	49065-2078	1	Filter-Oil					
49065A	49065-7003	1	Filter-Oil					
49116	49116-7001	1	Valve ASM					
59051	59051-7004	1	Gear-Spur					
59071	59071-7005	1	Joint					
59231	59231-7002	1	Filler					
92043	92043-7003	1	Pin					
92055	92055-7002	1	O-Ring, 6mm					
92066	92066-7003	1	Plug					
92066A	92066-7007	1	Plug					
92140	92140-7003	1	Ball					
92145	92145-7002	1	Spring					
92210	92210-7005	1	Nut-Nylon, 22mm					
130	130B0612	3	Bolt-Flanged					
670	670D2016	3	O-Ring					



## Air Filter/Muffler Assembly Kawasaki FH680V-AS10

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11011	11011-7003	1	Case-Air Filter				
11013	11013-7009	1	Element-Air Filter				
11013A	11013-7010	1	Element-Air Filter				
11029	11029-7002	1	Element-Assy-Air Filter				
11060	11060-7016	2	Gasket, Muffler				
16060	16060-7001	1	Pipe-Intake				
42036	42036-7002	1	Sleeve				
92015	92015-1193	2	Nut				
92037	92037-2079	2	Clamp				
92191	92191-7006	1	Tube				
92210	92210-7004	2	Nut				
92210A	92210-7008	2	Nut				
130	130B06105	2	Bolt-Flanged				
172	172G0690	2	Bolt-Stud				
317	317R0800	4	Nut-Hex-Small				
411	411B0600	1	Washer-Plain				
461	461F0800	4	Washer-Spring				

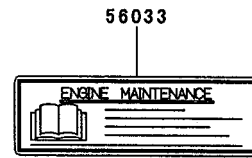
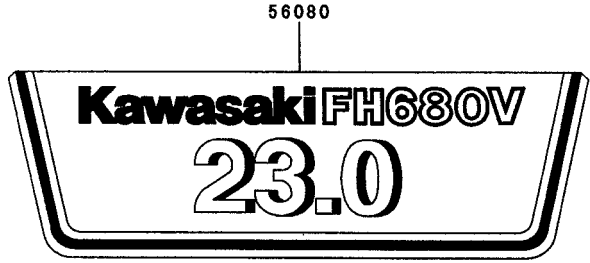
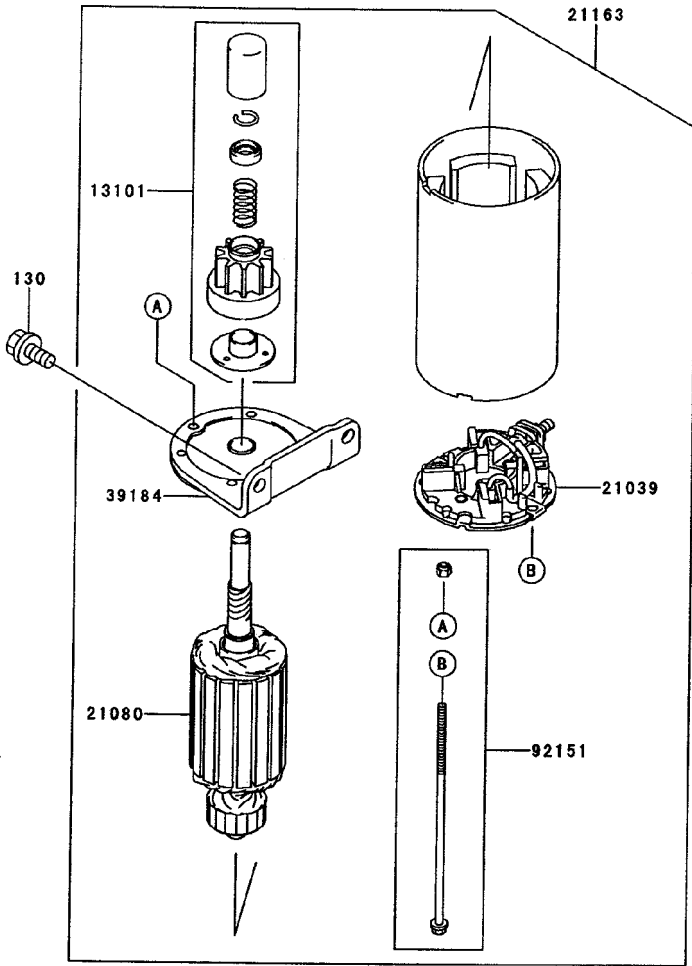
PROTOTYPE



### Fuel-Tank/Fuel Valve Assembly Kawasaki FH680V-AS10

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
23062	23062-7004-9H	1	Bracket-Comp				
49019	49019-7001	1	Filter-Fuel				
49040	49040-2075	1	Pump-Fuel				
92170	92170-2088	4	Clamp				
92170A	92170-7003	1	Clamp				
92191	92191-7003	1	Tube				
92191A	92191-7005	1	Tube,6.35x12.7x160				
92191B	92191-7007	1	Tube				
130	130B0616	2	Bolt-Flanged				
130A	130B0620	2	Bolt-Flanged				

PROTOTYPE



### Starter/Decals Assembly Kawasaki FH680V-AS10

Ref. No.	Part No.	Qty.	Description
13101	13101-7001	1	Gear-Assy
21039	21039-7001	1	Brush
21080	21080-7001	1	Armature
21163	21163-7001	1	Starter-Electric
39184	39184-7001	1	Bracket-Assy
92151	92151-7013	1	Bolt
130	130B0816	1	Bolt-Flanged
56033	56033-7001	1	Decal-Manual
56080	56080-7009	1	Decal-Brand

Ref. No.	Part No.	Qty.	Description

PROTOTYPE









*PROTOTYPE*