



Z149

Z-Master[®] with 52" Side Discharge Mower

Model No. 74179—210000001 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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Accessories

Description	Model / Part No.
Recycler Kit	59225
Bahaia Mulch Kit	59227
High Sail Blades (3 required for improved bagging)	56–2390
Bagging System	79460
Grass Gobbler	30131

Description	Model / Part No.
Striping Kit	30121
High Suspension Seat	74210
Heat Shield Kit	99–8922
Oil Drain Valve	99–8923
Hitch Kit	99–8924

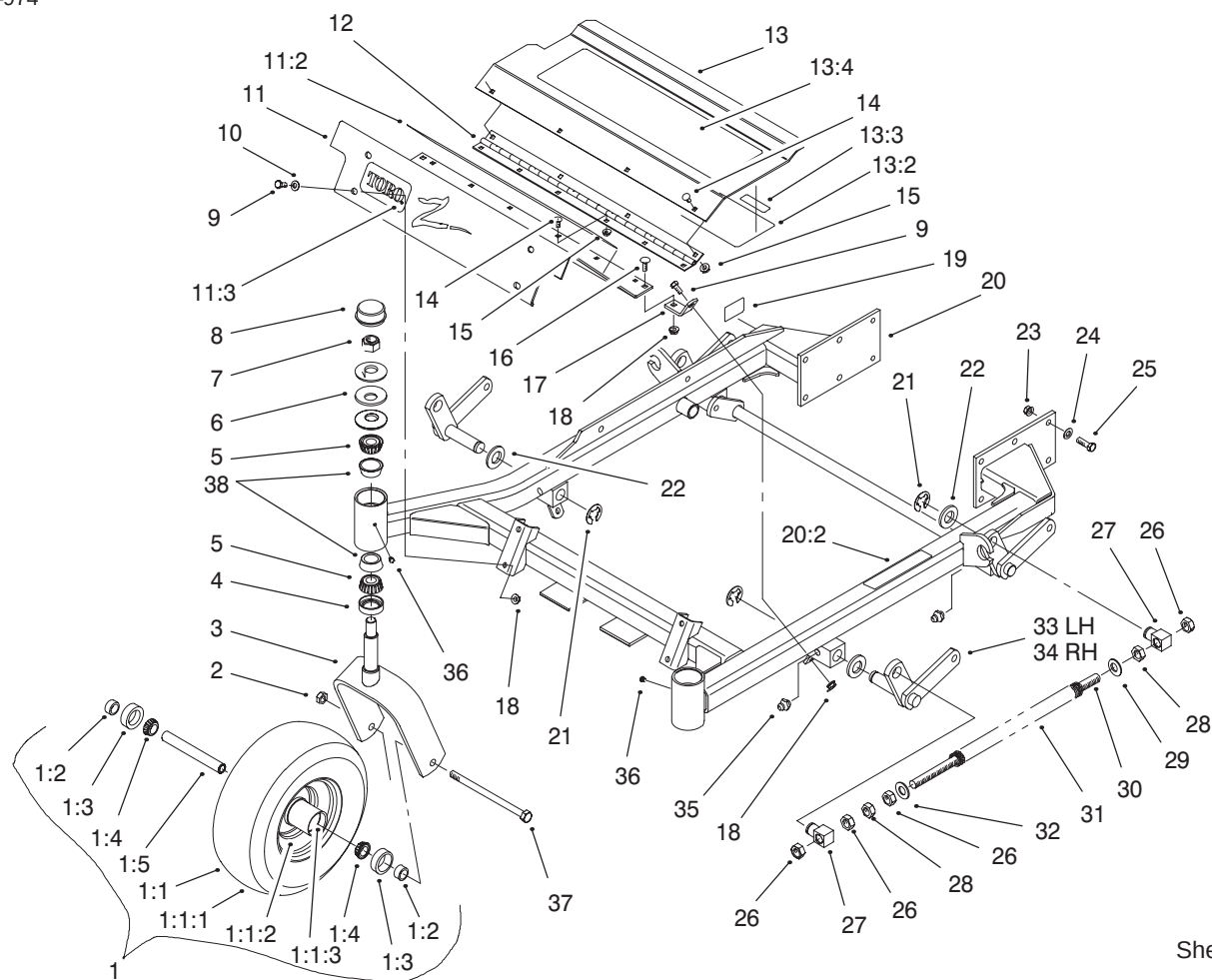
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	INC	incorporated
ASM	assembly	LH	left hand
CARR	carriage	NI	nylon insert
DEG	degrees	PPH	Phillips pan head
FH	flat head	PTH	Phillips truss head
GA	gauge	PTO	power take off
HF	hex flange	RH	right hand
HH	hex head	SFH	slotted fillister head
HHF	hex head flange	SHH	slotted hex head
HLH	hex lag head	SQH	square head
HJ	hex jam	SHWH	slotted hex washer head
HOC	height-of-cut	SPH	slotted pan head
HS	hex socket	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		

PROTOTYPE

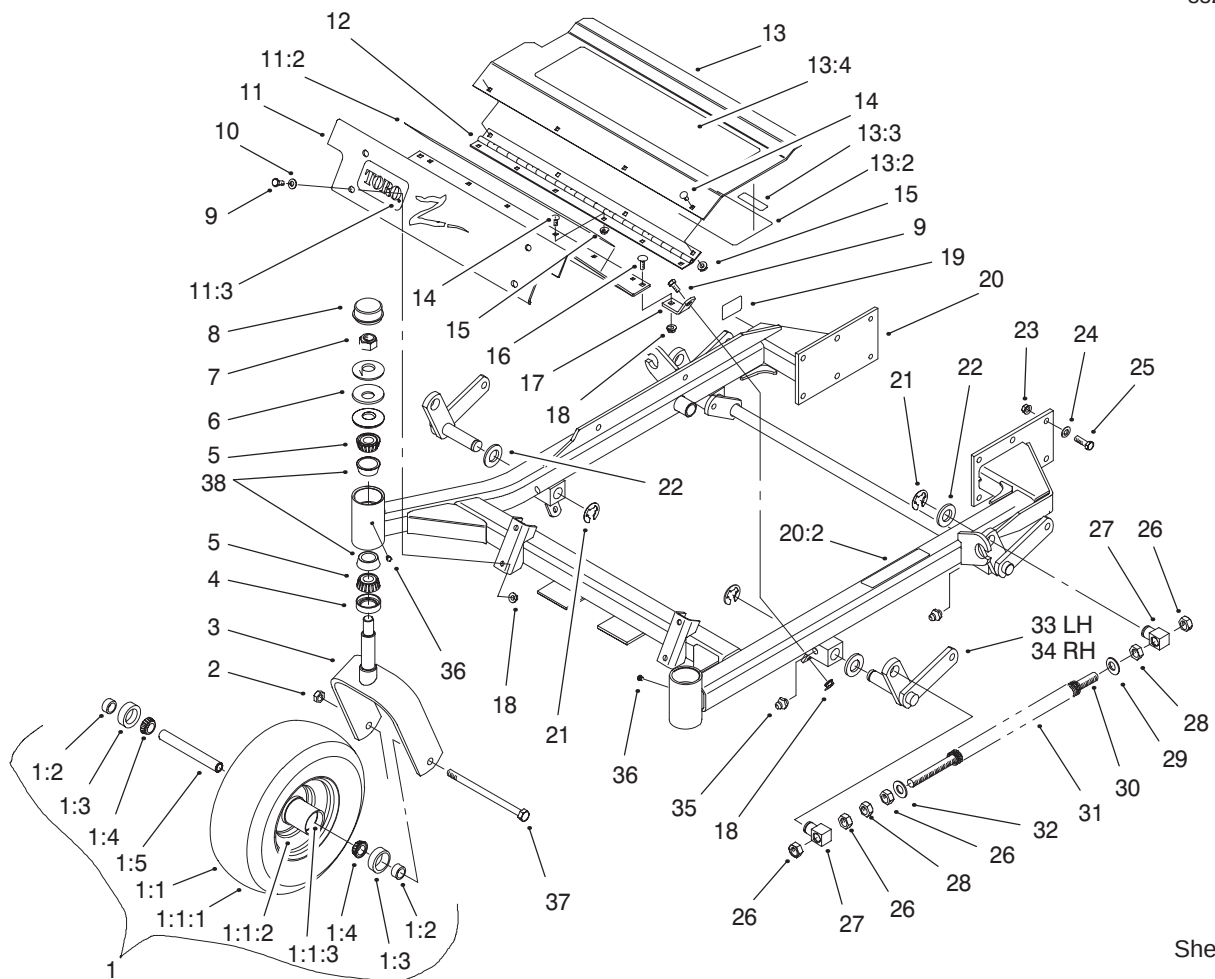


Sheet No.:2

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

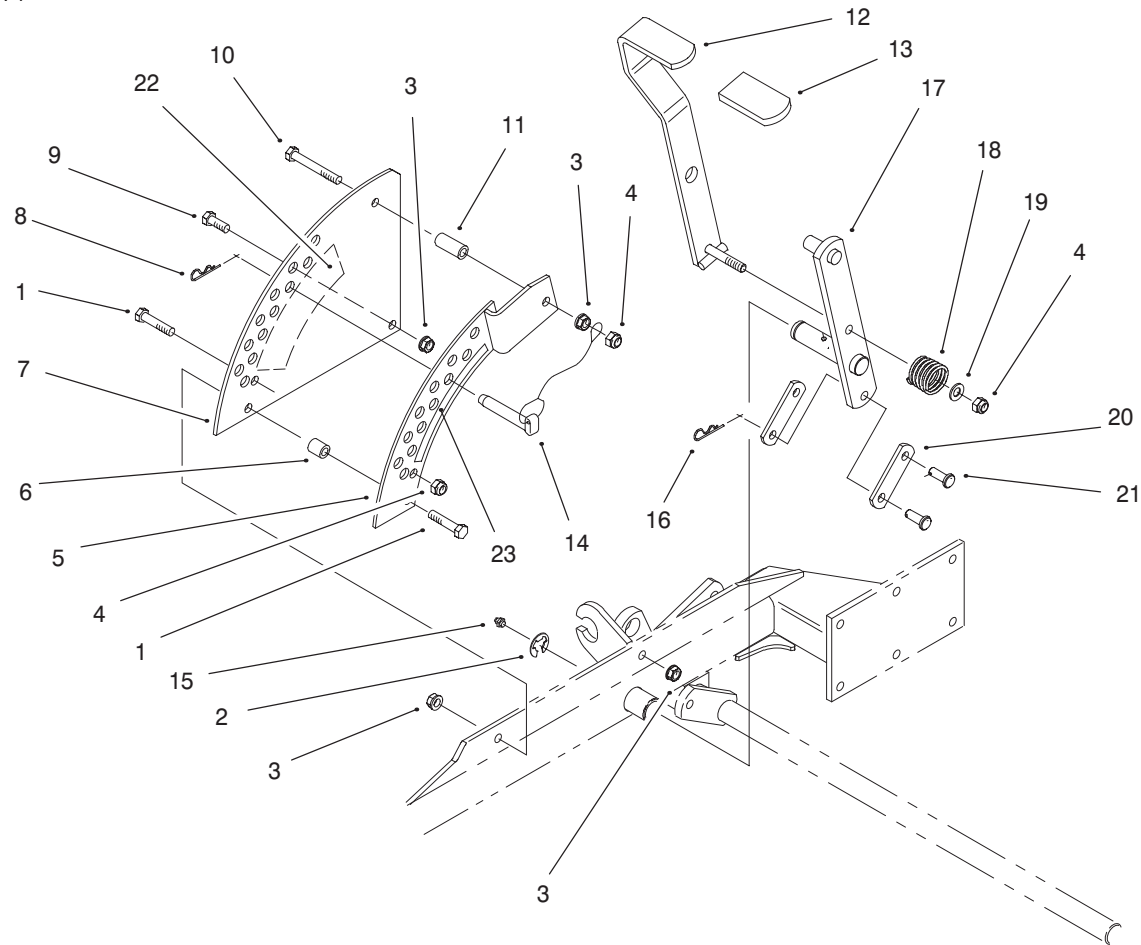
Ref. No.	Part No.	Qty.	Description
13:4	1-633553	1	Pad-Antiskid
14	3229-10	10	Screw-CARR
15	32128-33	10	Nut-HF
16	3230-1	2	Screw-CARR
17	99-3870-01	2	Bracket-Floorpan
18	32128-20	8	Nut-HF
19	88-1270	1	Decal-Safety STD
20	99-3931	1	Front Frame ASM
20:2	1-633818	1	Decal-Warning
21	32151-103	6	Ring-Snap
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



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Front Frame Assembly

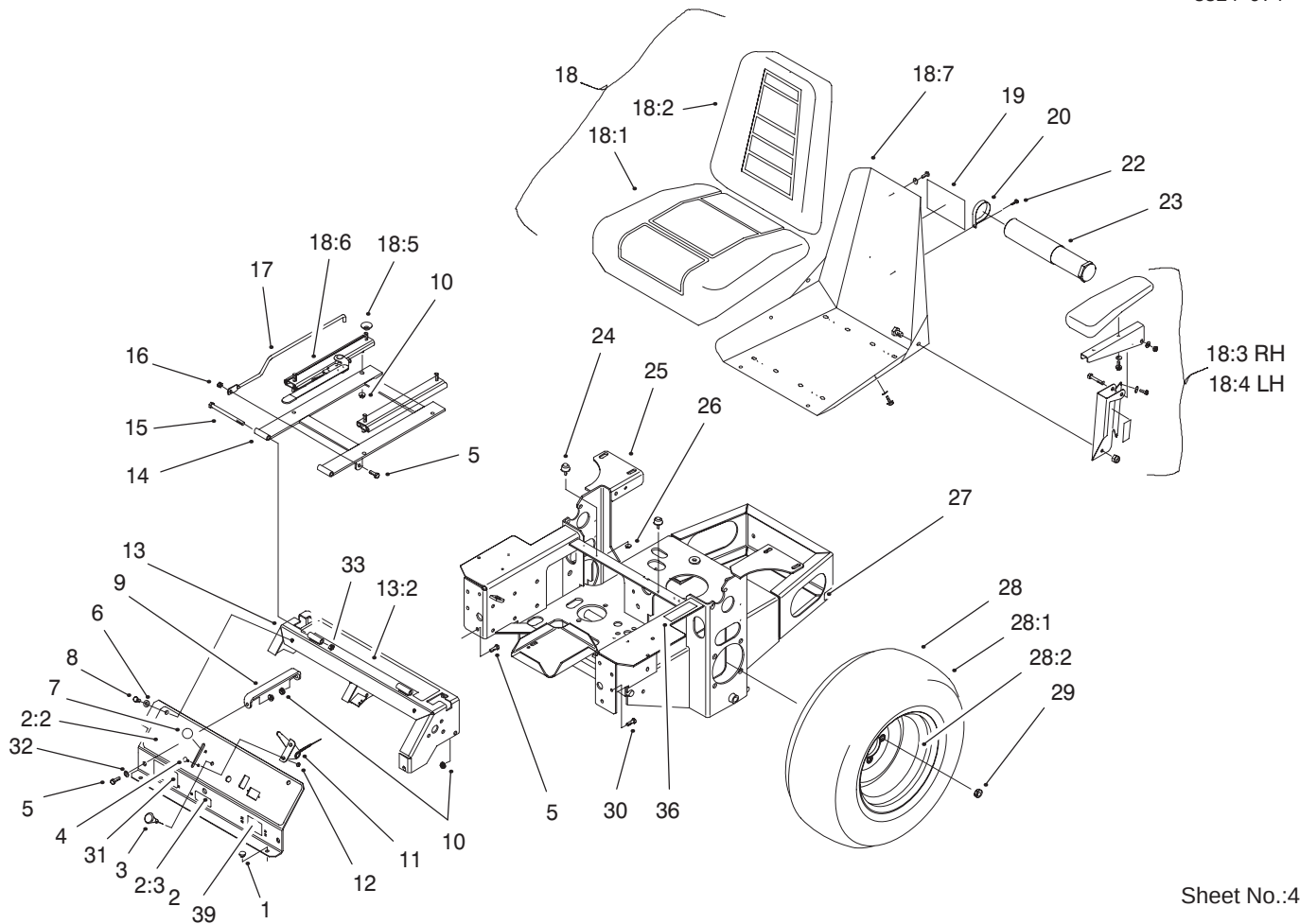
Ref. No.	Part No.	Qty.	Description
37	325-36	2	Screw-HH
38	254-72	4	Bearing-Taper/Cup



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Height of Cut Handle and Plates

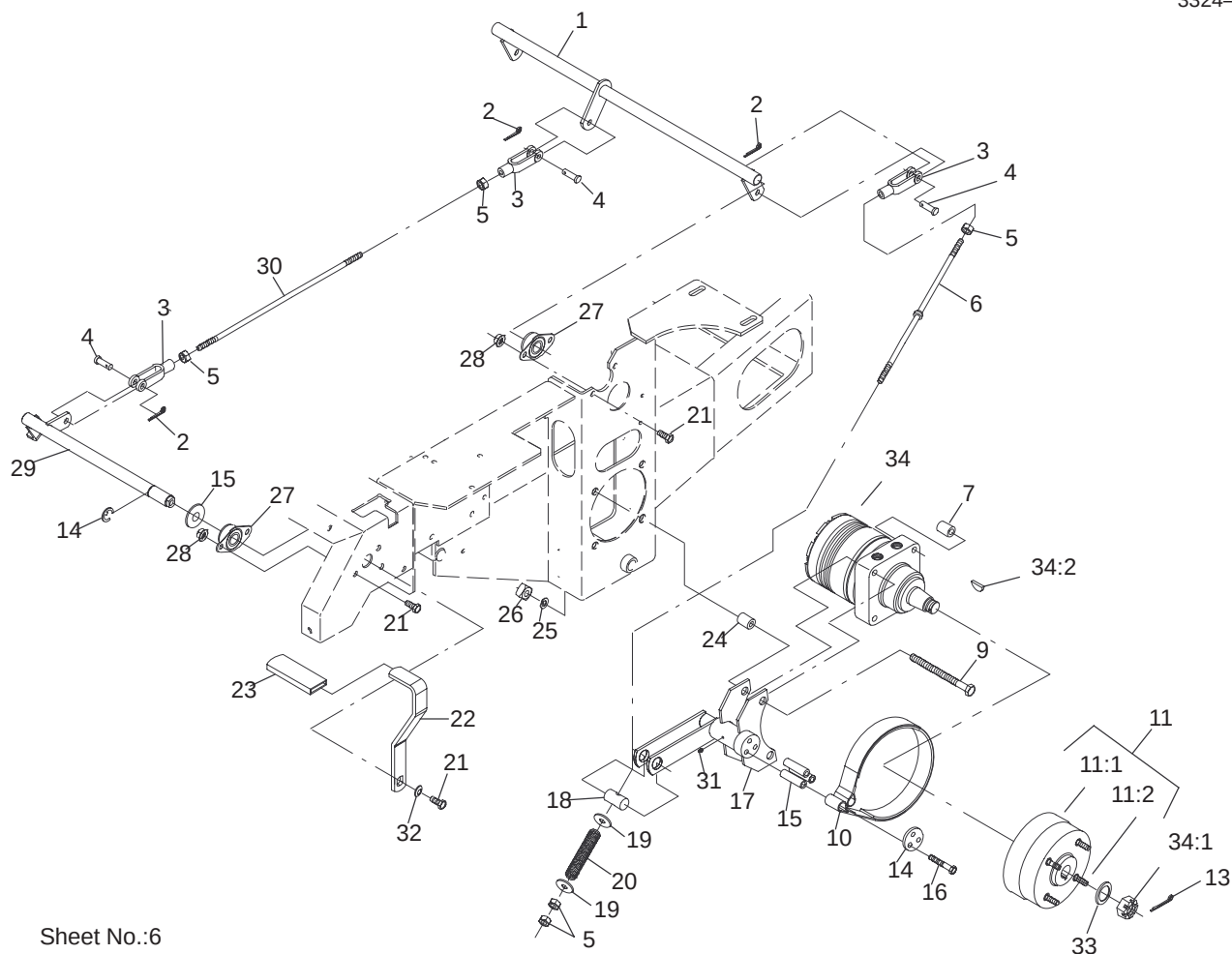
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	323-9	2	Screw-HH				
2	32151-103	1	Ring-Snap				
3	3290-357	3	Nut-Flange, Lock				
4	3296-39	3	Nut-Lock, NI				
5	1-652235-01	1	Wld,Deck Lift Plate				
6	1-633080	1	Bushing-Lever, Lift				
7	1-653230-01	1	Plate-Deck Lift				
8	1-806005	1	Pin-Hair				
9	323-6	1	Screw-HH				
10	323-13	1	Screw-HH				
11	1-633082	1	Bushing-Lever, Lift				
12	1-652023-03	1	Wld,Lift Lever				
13	1-633295	1	Grip-Lever, Lift				
14	1-633097	1	Pin-Hitch w/Lanyard				
15	302-19	1	Fitting-Grease				
16	1-806003	2	Pin-Cotter, Hair				
17	99-3922-03	1	Arm-Lift				
18	1-633325	1	Spring-Compression				
19	3256-24	1	Washer-Flat				
20	1-633068	2	Arm-Lift, Deck				
21	1-808284	2	Pin-Clevis				
22	1-653140	1	Decal,Deck Height Outer				
23	1-653147	1	Decal-Deck Height, Inner				



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Main Frame

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, 12 X 7 *
13	99-3933	1	Console ASM	29	242-50	8	Nut - Lug
13:2	103-0315	2	Decal-Console	30	322-2	6	Screw-HH
14	1-632187-03	1	Frame - Seat	31	99-8909	1	Decal-Z149
15	323-21	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	36	1-603845	1	Decal, Drive Release
18	1-633705	1	Seat w/Tracks	39	98-4387	1	Decal-Protection, Ear
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				

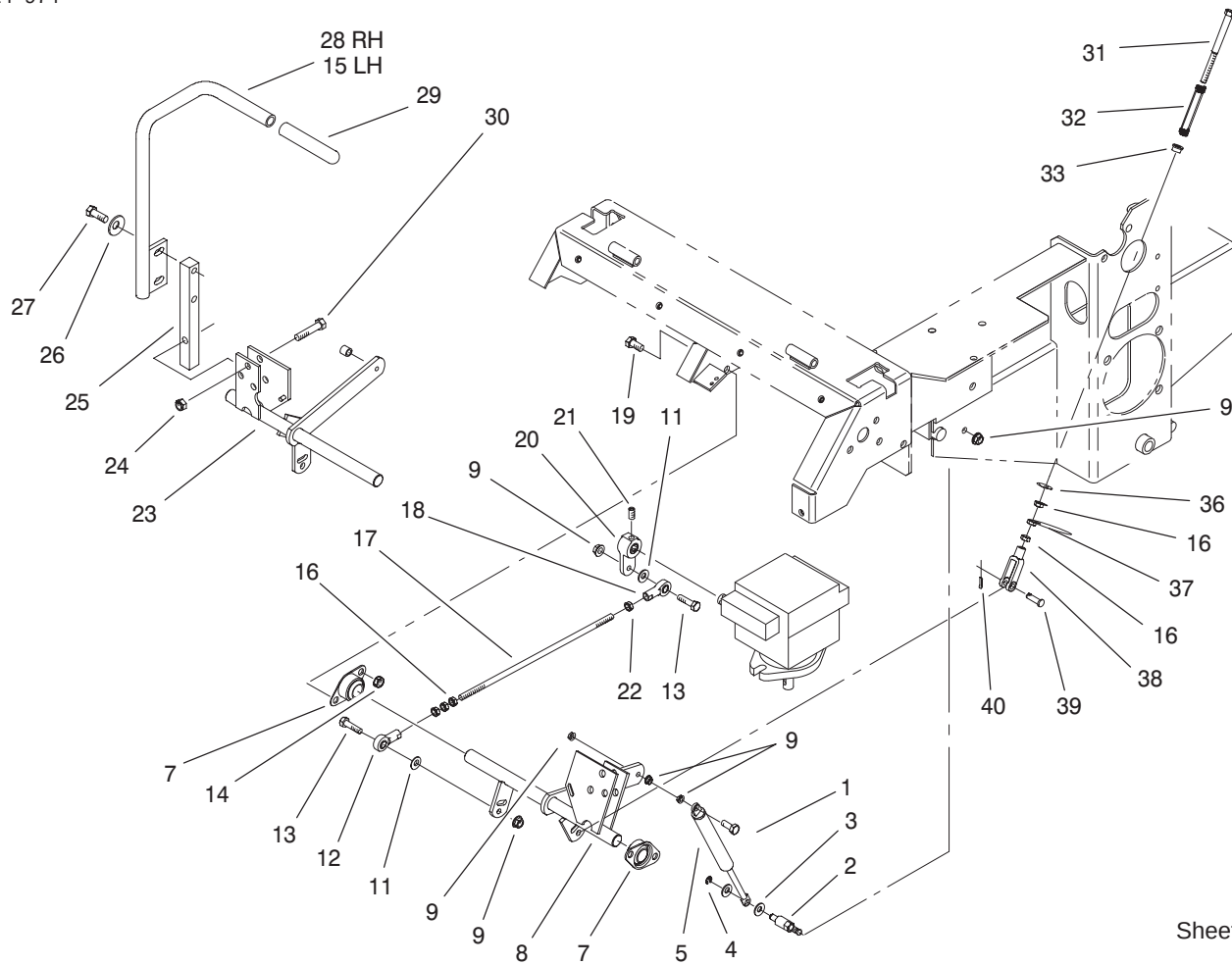


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Parking Brake System Assembly

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	1	Washer-Belleville
7	1-653068	4	Spacer, Wheel	33	1-523157	2	Washer-Spacer
9	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

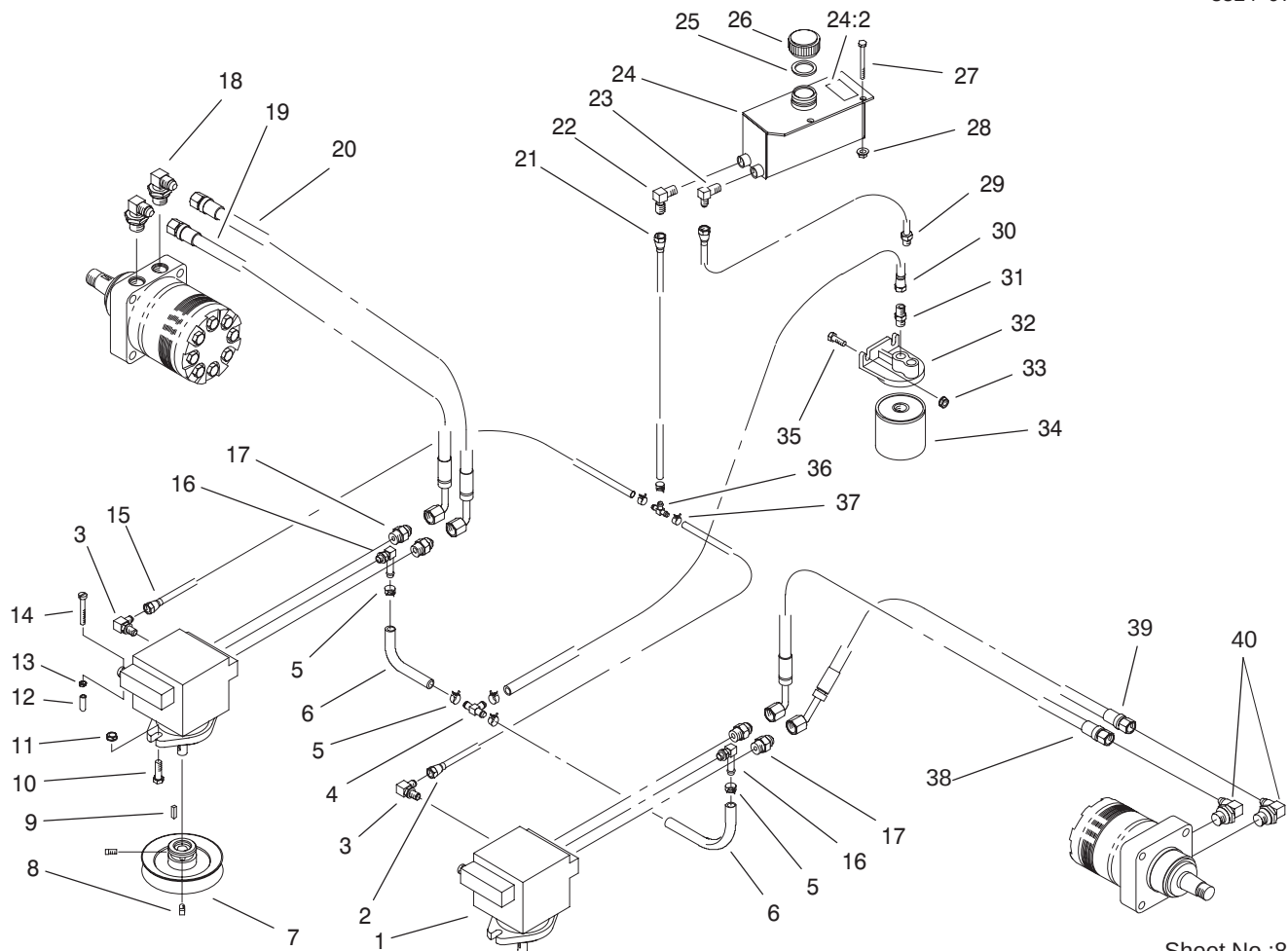


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Motion Control System Assembly

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

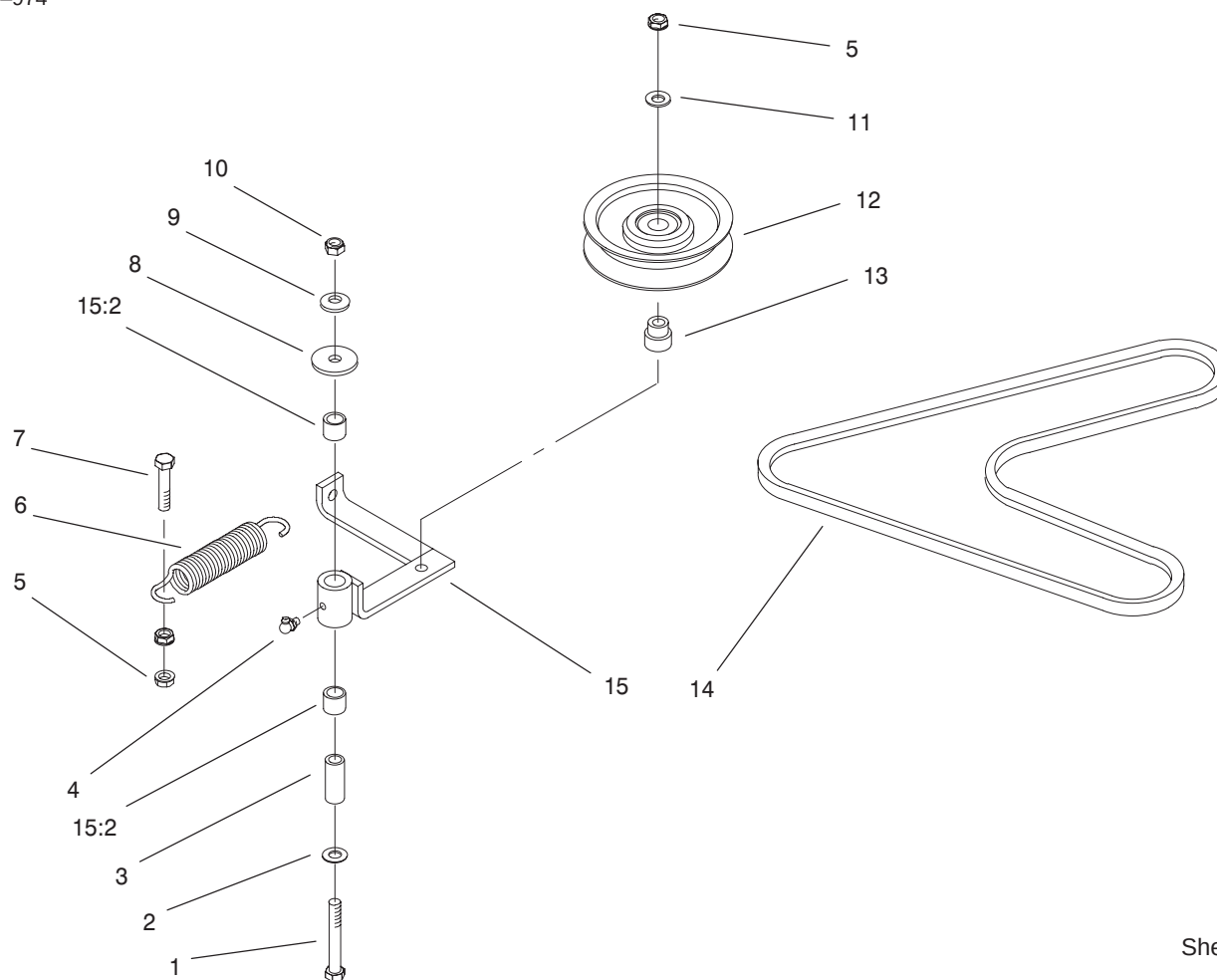
Ref. No.	Part No.	Qty.	Description
29	1-633257	2	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, Neutral
32	1-603807	2	Spring-Return, Neutral
33	1-603735	2	Bushing-Flanged, Nylon
36	3256-2	2	Washer-Flat
37	3220-2	2	Nut
38	1-303105	2	Yoke-Adjustable
39	1-808280	2	Pin-Clevis
40	3272-5	2	Pin-Cotter



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Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-603841	2	Pump-Hydraulic	26	1-513167	1	Cap
2	1-632285	1	Hose ASM	27	321-15	2	Screw-HH
3	1-513840	2	Fitting-90°	28	32128-33	2	Nut-HF
4	1-603721	1	Fitting-Tee, Hose	29	1-654320	1	Hose
5	1-603827	5	Clamp-Hose	30	1-654509	1	Hose
6	1-413273	2	Hose	31	1-513510	1	Fitting, Straight
7	1-653156	2	Sheave	32	1-603720	1	Head-Filter
8	1-803050	4	Screw-Set	33	32128-20	2	Nut-HF
9	1-807272	2	Key-Machine	34	1-633750	1	Filter-Hydraulic
10	323-7	4	Screw-HH	34	1-633752	1	Filter-Winter, Hydraulic
11	3290-357	4	Nut-Flange, Lock	35	322-5	2	Screw-HH
12	1-613073	2	Grip, Dump Valve	36	1-603722	1	Fitting-Tee, Hose
13	3296-42	2	Nut-Lock, NI	37	1-603826	3	Clamp-Hose
14	1-801063	4	Screw	38	1-653409	1	Hose, Hydraulic
15	1-632286	1	Hose ASM	39	1-653410	1	Hose, Hydraulic
16	1-603989	2	Fitting	40	1-633786	2	Fitting-90°
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				
25	1-523103	1	Gasket-Cap, Tank				

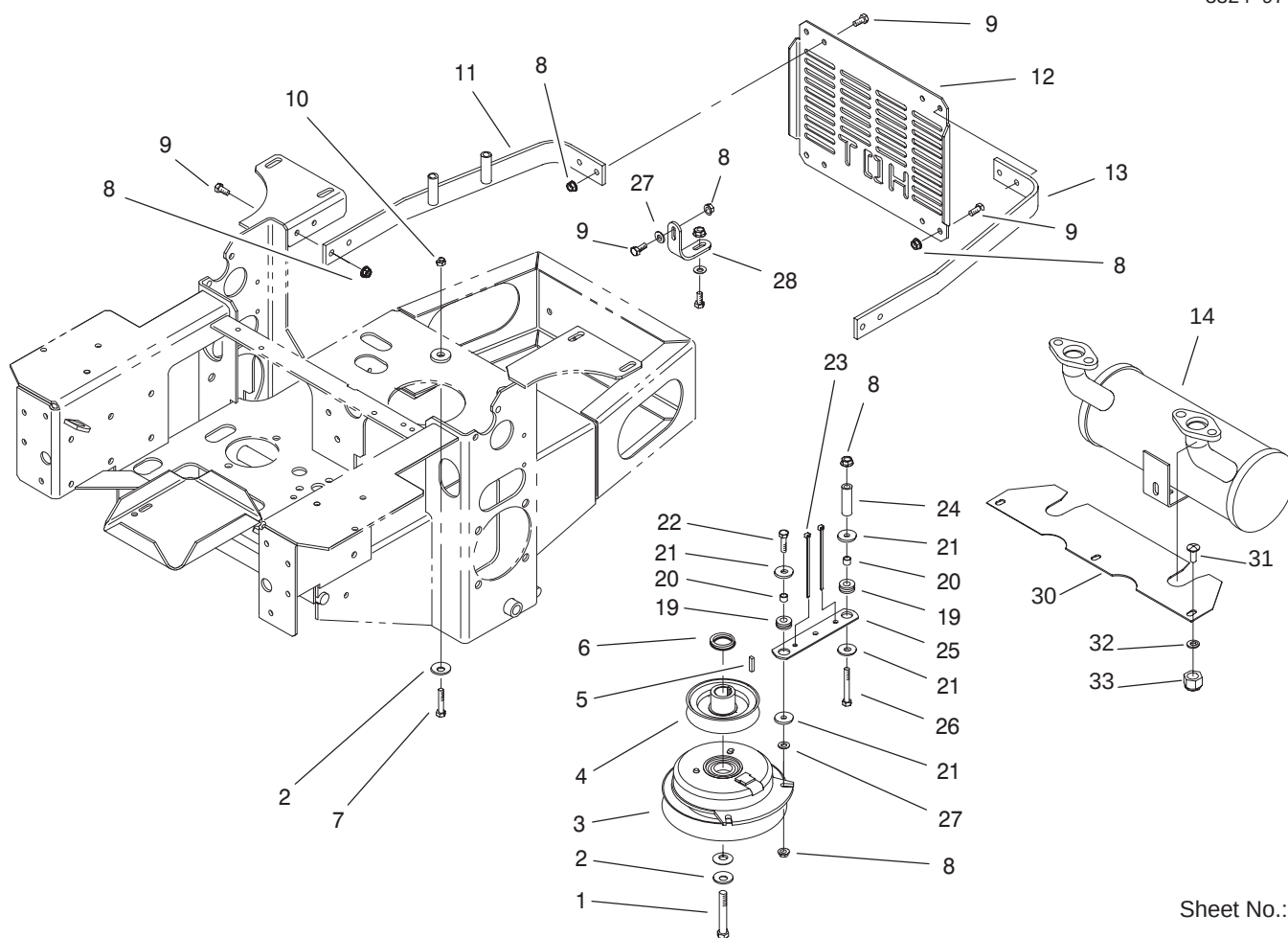


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Pump, Idler and Belt Assembly

Ref. No.	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	3	Nut-Flange, Lock
6	1-603414	1	Spring-Extension
7	323-9	2	Screw-HH
8	1-213069	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
13	1-603496	1	Bushing-Idler
14	1-653283	1	Belt, Pump Toro
15	1-654143	1	Idler Arm
15:2	1-513034	2	Sleeve-Bearing

Ref. No.	Part No.	Qty.	Description
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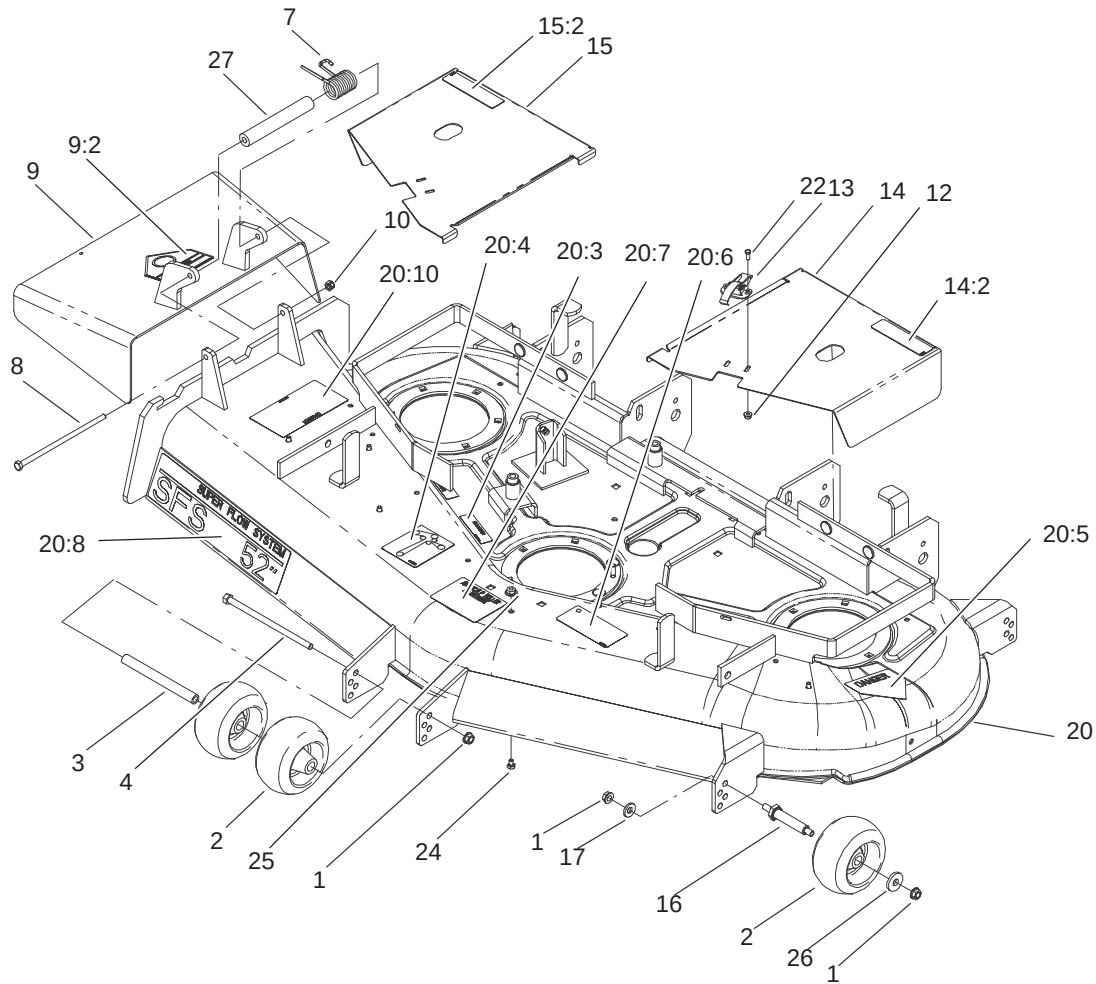


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Engine and Clutch Assembly

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, Fh601v-Bs06
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,Muffler Support				
30	1-653539-03	1	Shield,Heat				

★ Not serviced

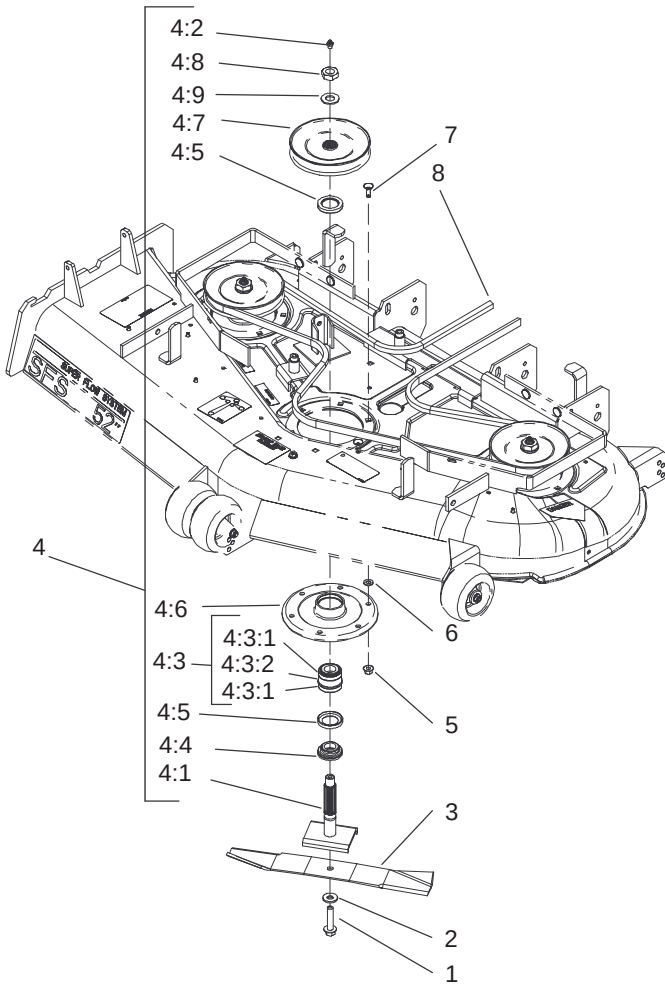


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52" Deck Assembly

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

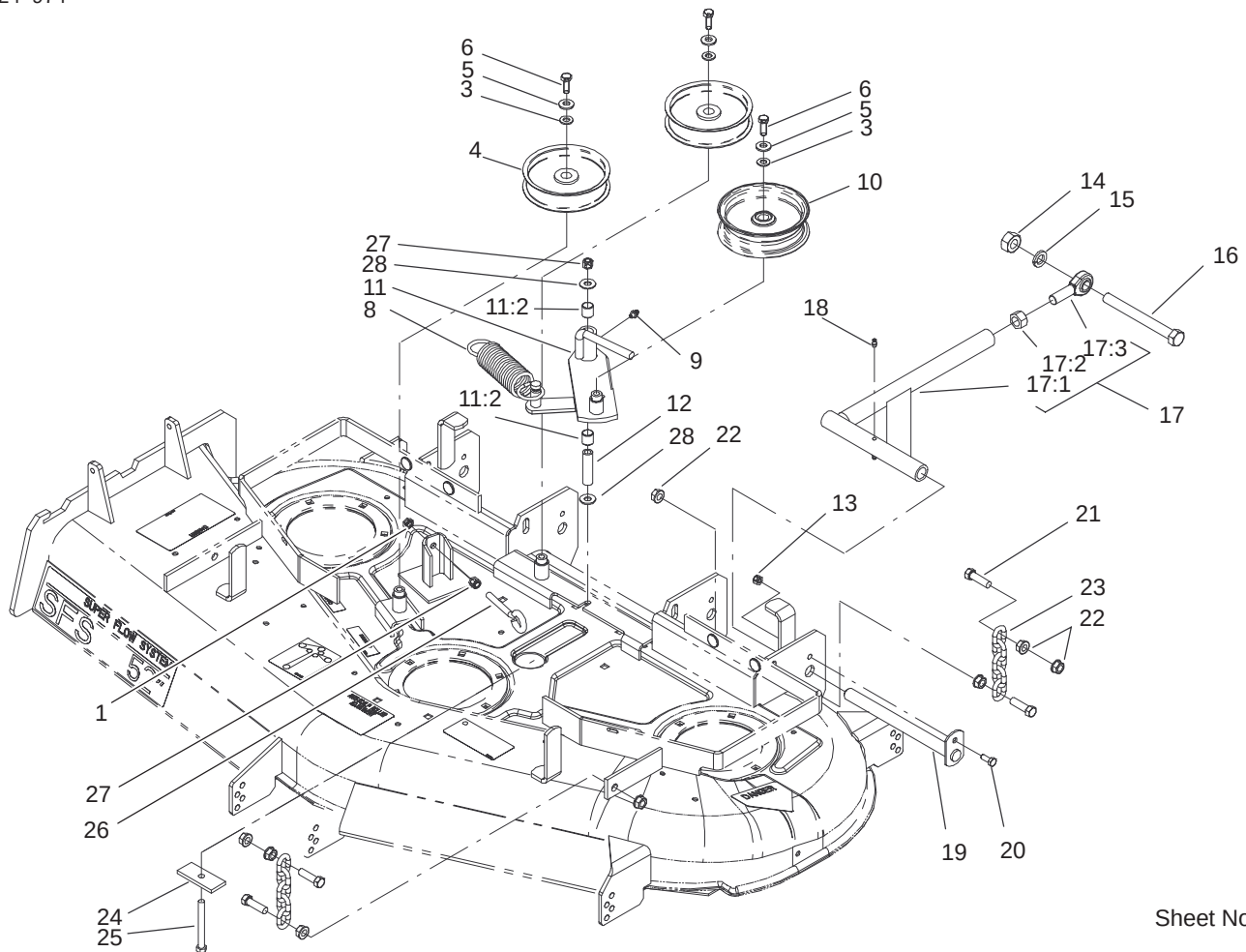
Ref. No.	Part No.	Qty.	Description
22	3290-321	4	Screw-HWH
24	321-1	6	Screw-HH
25	32128-33	6	Nut-HF
26	1-373034	4	Washer-Swivel
27	104-8555	1	Spacer-Deflector, Mounting



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 - Matched Set				
4:4	27-0950	1	Spacer-Bearing				
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				

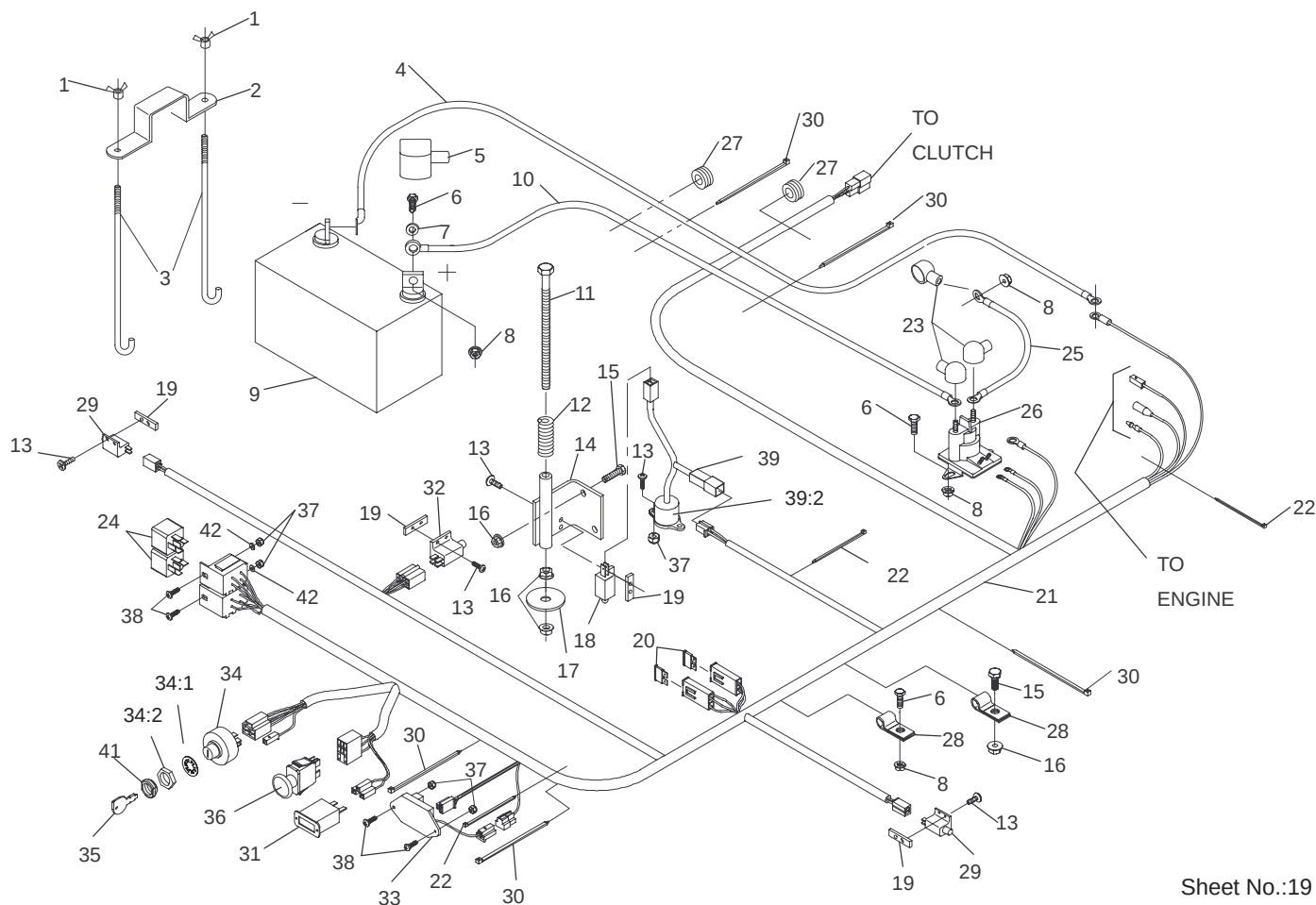


Sheet No.:16

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

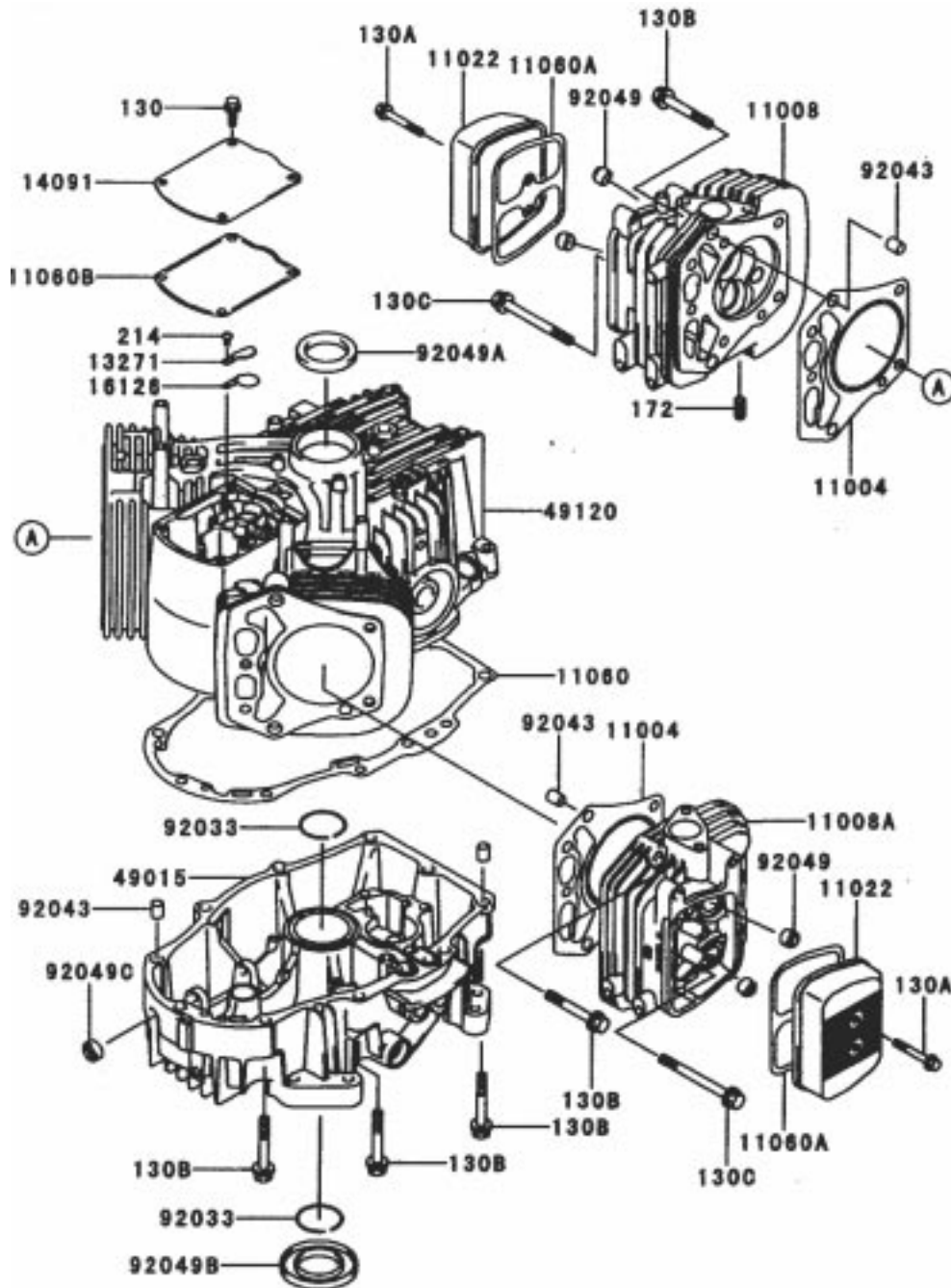


Sheet No.:19

Electrical System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-543792	2	Wingnut	24	1-643275	2	Relay
2	1-633652-03	1	Strap-Holddown, Battery	25	1-633306	1	Wire, Starter
3	1-633651	2	Bolt-Holddown	26	1-513075	1	Switch, 12v Solenoid
4	103-0705	1	Cable, Ground (-)	27	1-543286	2	Grommet
5	1-543391	1	Insulator-Battery	28	1-633396	2	Clip-Loom
6	321-4	5	Screw-HH	29	1-513051	2	Switch-Open, Normally
7	3256-2	2	Washer-Flat	30	1-303335	5	Tie-Plastic
8	32128-33	6	Nut-HF	31	1-513374	1	Meter-Hours
9	1-603479	1	Battery	32	1-633111	1	Switch
10	103-0707	1	Cable, Battery	33	100-6186	1	Module-Delay, Seat
11	1-800282	1	Screw-HH	34	88-9830	1	Switch-Ignition
12	1-523415	1	Spring-Switch, Seat	34:1	3254-5	1	Washer-Lock, Internal
13	3290-500	10	Screw-PPH	34:2	218-461	1	Nut-HH
14	1-652072-03	1	Wld, Seat Switch Bracket	35	63-8360	2	Key-Ignition
15	322-3	3	Screw-HH	36	1-633673	1	Switch-Delta
16	32128-20	5	Nut-HF	37	3296-2	6	Nut-Lock
17	1-653036	1	Washer	38	1-807513	4	Bolt-CARR
18	1-513152	1	Switch-Closed, Normally	39	1-644427	1	Tilt Switch ASM
19	1-633181	4	Plate-Tapped	39:2	1-643401	1	Decal-Switch, Mercury
20	1-816001	2	Fuse-Type, Blade	41	103-0499	1	Seal-Switch, Ignition
21	103-0623	1	Harness, Wire Lhp Ka	42	3256-14	2	Washer-flat
22	1-303287	3	Tie-Plastic				
23	1-543393	3	Insulator-Solenoid				

Cylinder/Crankcase Assembly Kawasaki FH601V-S07



Cylinder/Crankcase Assembly Kawasaki FH601V-S07

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11004	11004-7004	2	Gasket-Head				
11008	11008-7003	1	Head-Comp-Cylinder No. 1				
11008A	11008-7004	1	Head-Comp-Cylinder No. 2				
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				
14090	14091-7004	1	Cover				
16126	16126-7001	1	Valve				
49015	49015-6220	1	Cover-Crankcase				
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				
172	172G0818	4	Bolt-Stud				
214	214B0408	1	Screw-Pan				

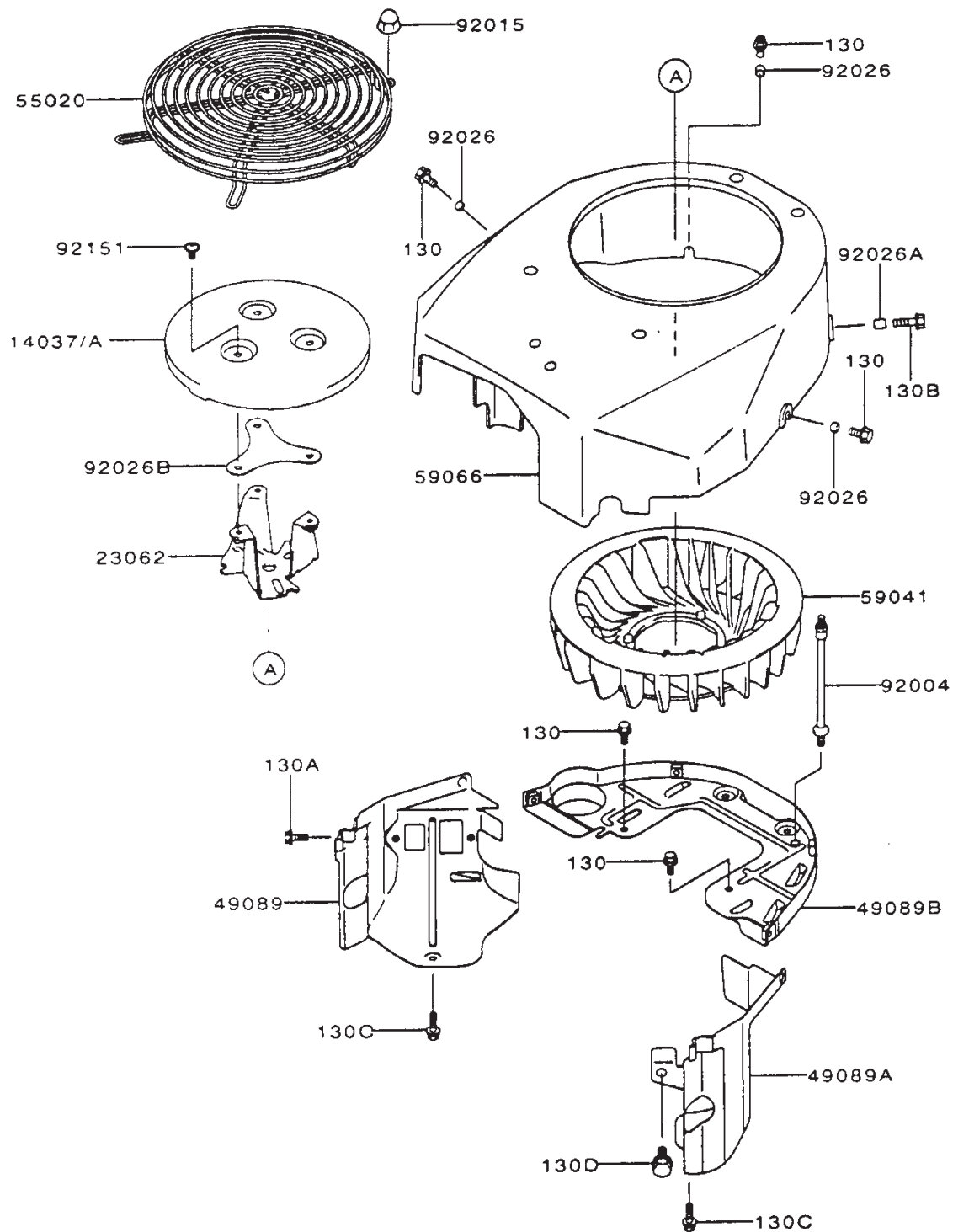
PROTOTYPE



Valve/Camshaft Assembly Kawasaki FH601V-S07

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
12004	12004-7002	2	Valve-Intake				
12005	12005-7002	2	Valve-Exhaust				
12009	12009-7001	4	Retainer-Valve Spring				
12011	12011-2056	8	Collet				
12016	12016-7002	4	Arm-Rocker				
12032	12032-7001	4	Tappet				
13070	13070-7003	2	Guide				
13070A	13070-7004	1	Guide				
13116	13116-7001	4	Rod-Push				
13270	13270-7002	1	Plate				
13271	13271-7007	1	Plate				
42036	42036-7001	1	Sleeve				
49078	49078-7002	4	Spring-Engine Valve				
49118	49118-7003	1	Camshaft-Comp				
92009	92009-2341	4	Screw				
92015	92015-2253	4	Nut				
92033	92033-7001	2	Ring-Snap				
92140	92140-7002	6	Ball				
92145	92145-7001	1	Spring				
92151	92151-7001	4	Bolt				
92200	92200-7001	1	Washer				
PROTOTYPE							

Cooling-Equipment Assembly Kawasaki FH601V-S07

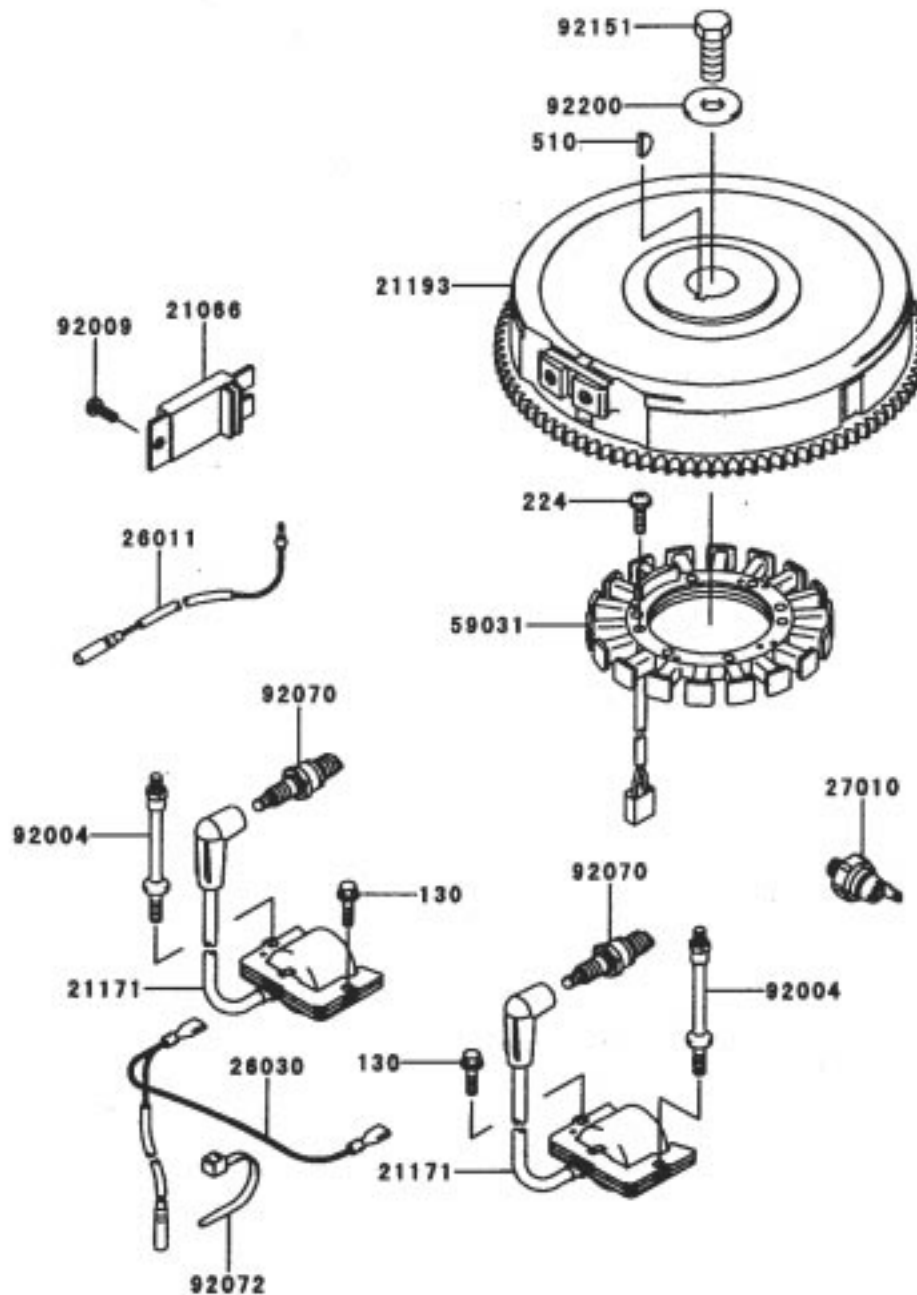


DE

Cooling-Equipment Assembly Kawasaki FH601V-S07

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				
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				
92151	92151-7009	3	Bolt, 6x10				
130	130B0612	5	Bolt-Flanged				
130A	130B0620	2	Bolt-Flanged				
130B	130B0816	1	Bolt-Flanged				
PROTOTYPE							

Electric-Equipment Assembly Kawasaki FH601V-S07

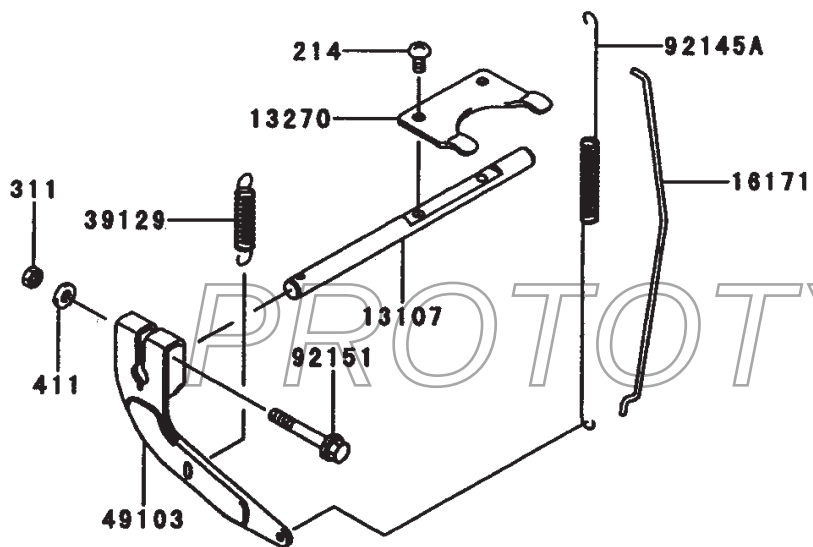
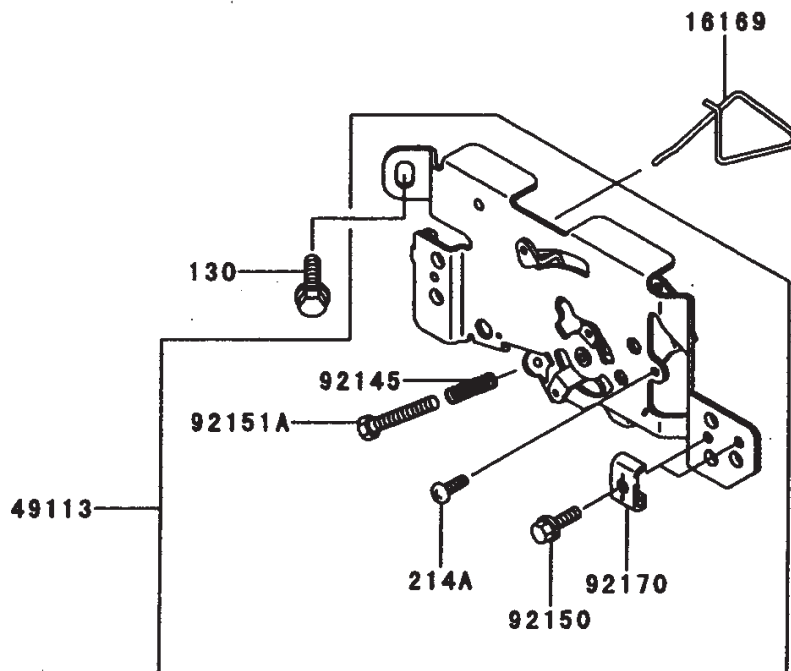


PE

Electric-Equipment Assembly Kawasaki FH601V-S07

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	92070-2088	2	Plug-Spark,BPR5ES				
92072	92072-7003	2	Band				
92151	92151-2097	1	Bolt, 12x30				
92220	92220-7002	1	Washer				
130	130B0620	1	Bolt-Flanged				
224	224B0520	4	Screw-Pan-WP-Cros				
510	510A5100	1	Key-Woodruff				
PROTOTYPE							

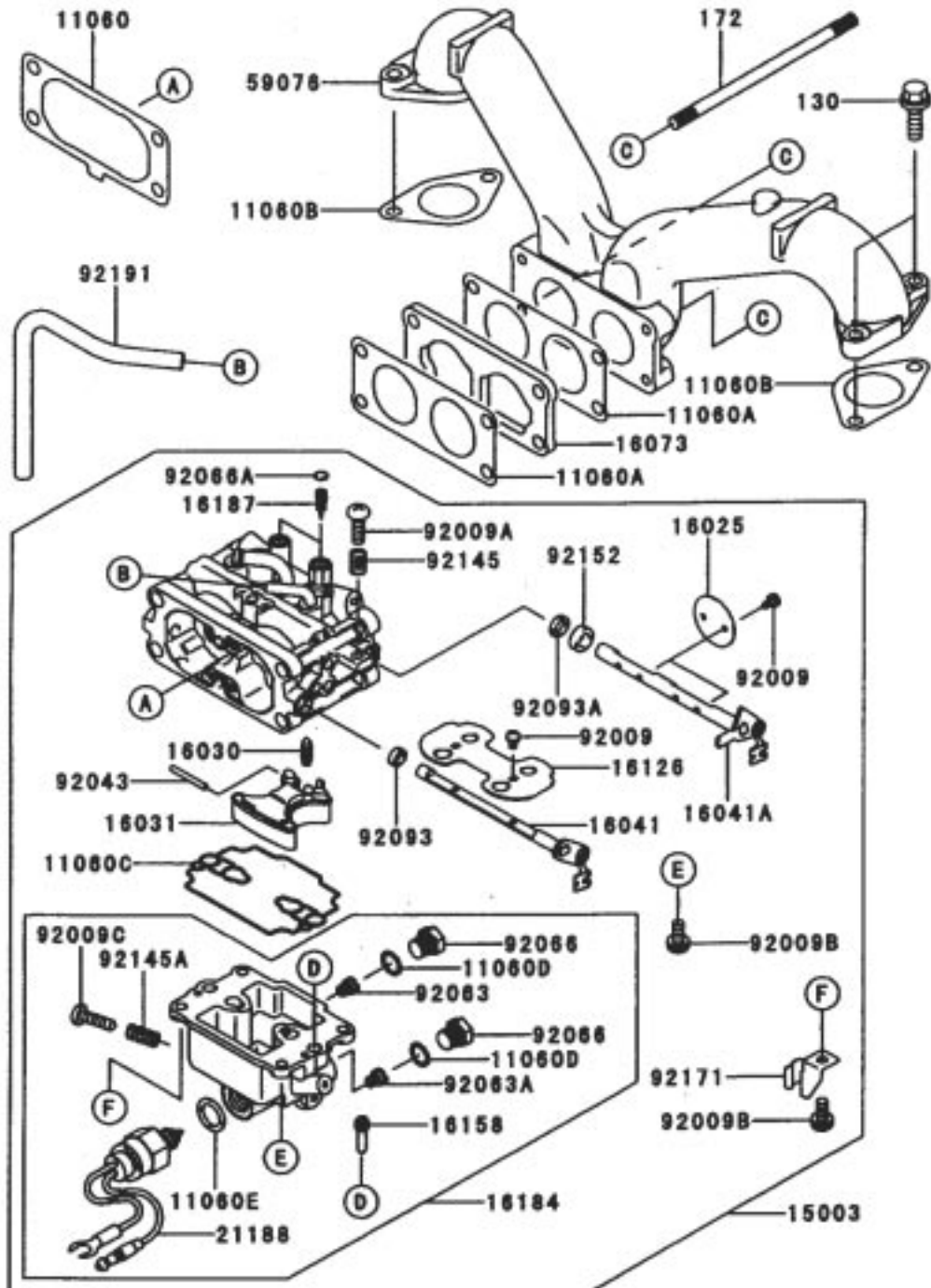
Control-Equipment Assembly Kawasaki FH601V-S07



Control-Equipment Assembly Kawasaki FH601V-S07

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13107	13107-7004	1	Shaft				
13270	13270-7006	1	Plate				
16169	16169-7003	1	Link-Choke				
16171	16171-7004	1	Link				
39129	39129-7004	1	Spring-Governor				
49103	49103-7001	1	Arm-Governor				
49113	49113-7007	1	Panel-Comp-Control				
92145	92145-7005	1	Spring				
92145A	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 FH601V-S07

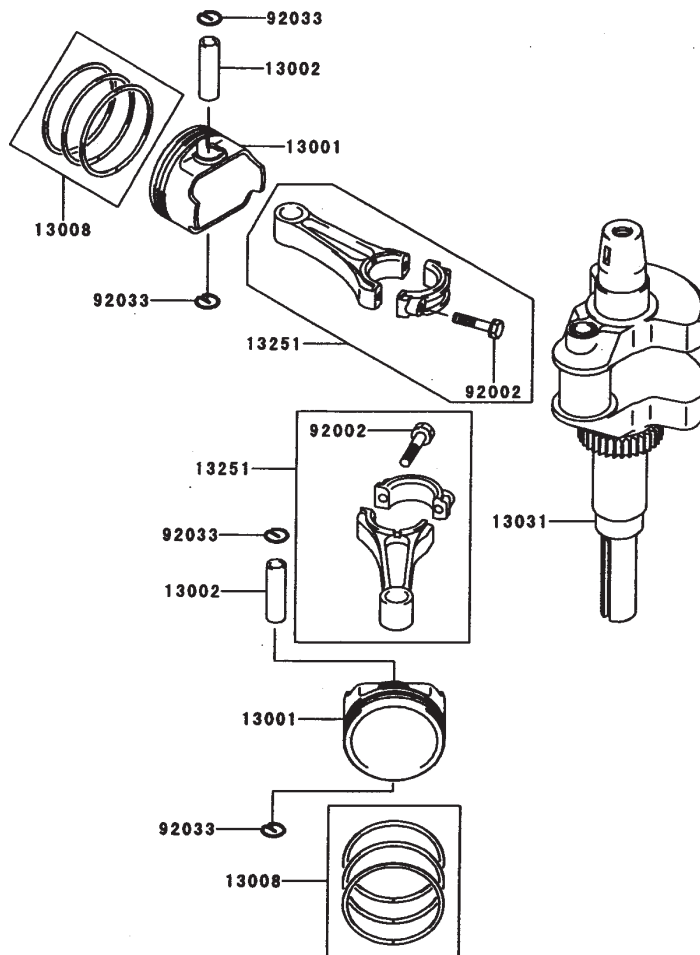


PE

Carburetor Assembly Kawasaki FH601V-S07

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11060	11060-7009	1	Gasket, Air Filter				
11060A	11060-7010	2	Gasket, Carburetor				
11060B	11060-7011	2	Gasket				
11060C	11060-7018	1	Gasket, Float Chamber				
11060D	11060-7019	2	Gasket, Main Plug				
11060E	11060-7020	1	Gasket, Solenoid				
15003	15003-7001	1	Carburetor-Assy				
16025	16025-7001	2	Valve-Throttle				
16030	16030-7002	1	Valve-Float				
16031	16031-7001	1	Float				
16041	16041-7001	1	Shaft-Carburetor, Choke				
16041A	16041-7002	1	Shaft-Carburetor Throttle				
16073	16073-7003	1	Insulator				
16126	16126-7004	1	Valve, Choke				
16158	16158-7002	2	Jet-Slow, #60				
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				
92063	92063-7001	1	Jet-Main, #104				
92063A	92063-7002	1	Jet-Main, #106				
92066	92066-7008	2	Plug, Main Jet				
92066A	92066-7009	2	Plug, Extension				
92093	92093-7001	1	Seal				
92093A	92093-7002	2	Seal				
92145	92145-7010	1	Spring				
92145A	92145-7011	1	Spring				
92152	92152-7001	1	Collar				
92171	92171-7001	1	Clamp				
92191	92191-7010	1	Tube				
130	130B0620	4	Bolt-Flanged				
172	172G0105	2	Bolt-Stud				

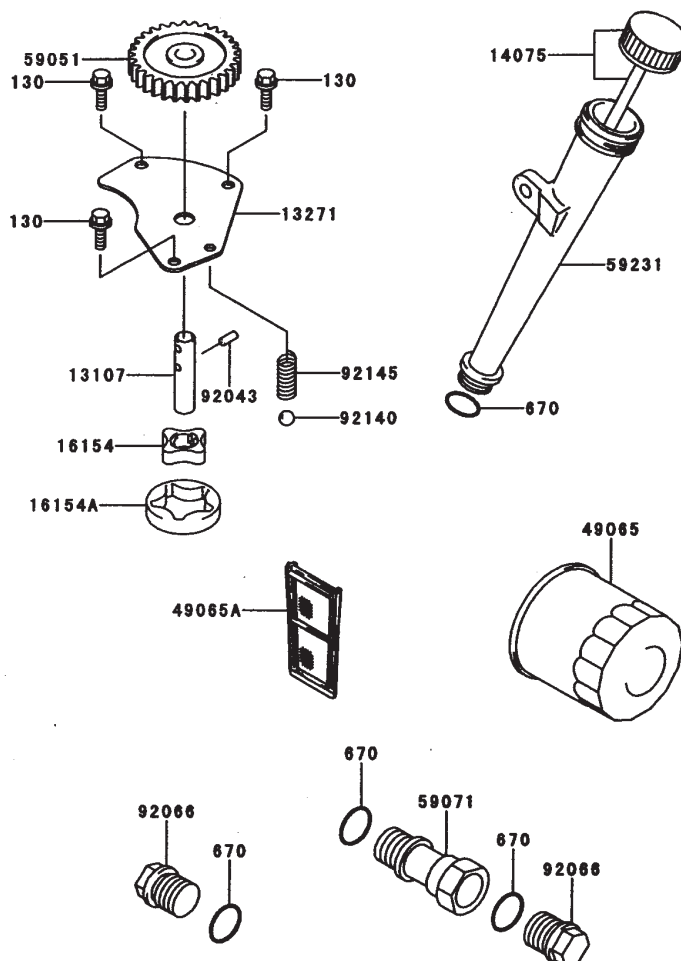
PROTOTYPE



Piston/Crankshaft Assembly Kawasaki FH601V-S07

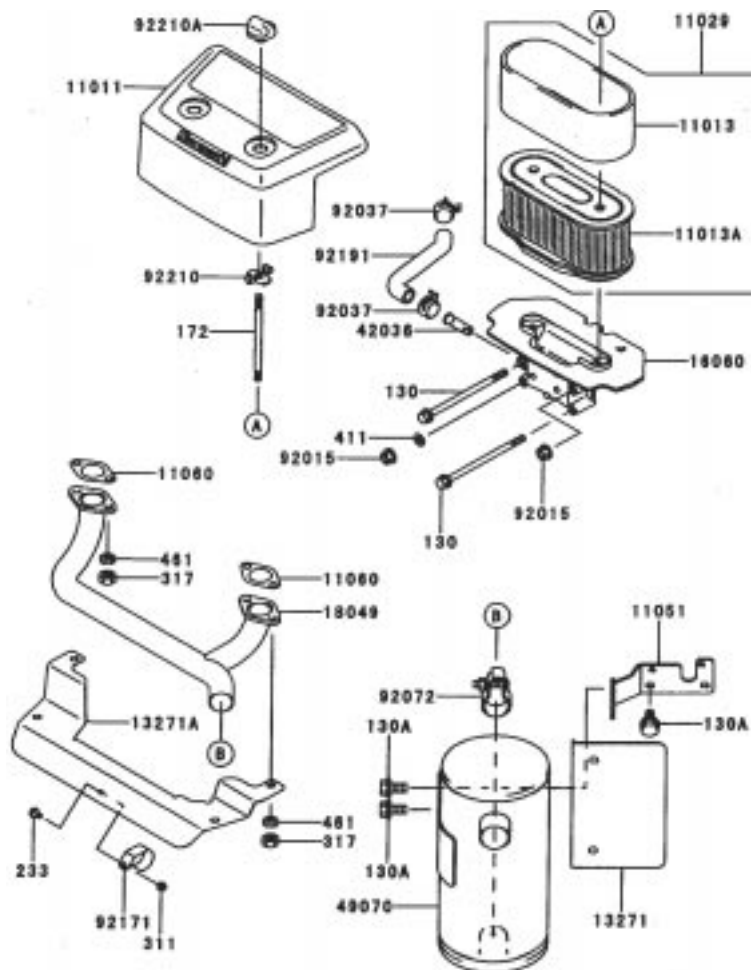
Ref. No.	Part No.	Qty.	Description
13001	13001-7006	2	Piston-Engine
13002	13002-7001	2	Pin-Piston
13008	13008-6058	2	Ring-Set-Piston
13031	13031-7002	1	Crankshaft-Comp
13251	13251-7002	2	Rod-Assy-Connecting
92002	92002-2053	4	Bolt
92033	92033-7005	4	Ring-Snap

Ref. No.	Part No.	Qty.	Description
OTOTYPE			



Lubrication-Equipment Assembly Kawasaki FH601V-S07

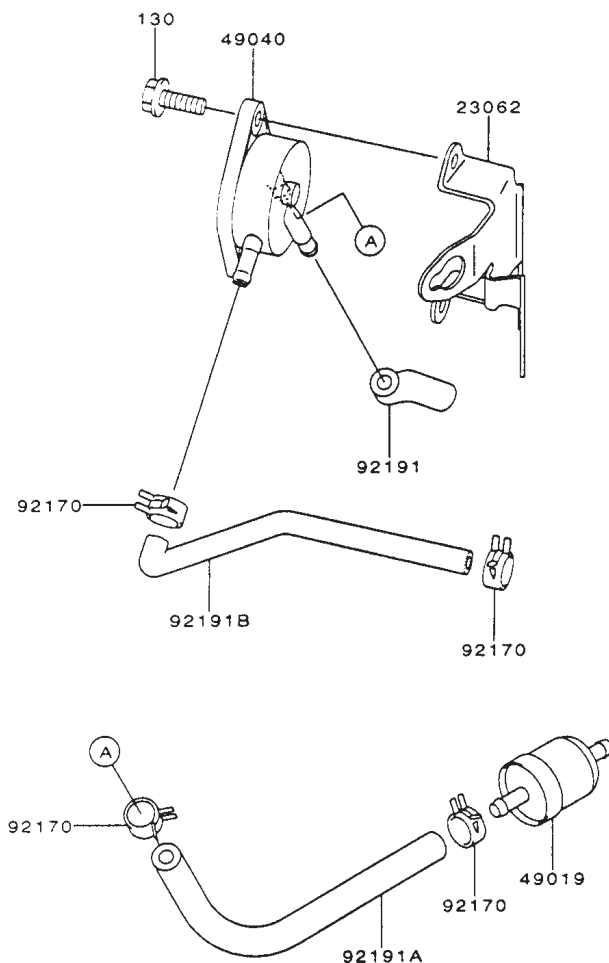
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13107	13107-2099	1	Shaft, Oil Pump				
13271	13271-7005	1	Plate				
14075	14075-7002	1	Cap-Assy				
16154	16154-2053	1	Rotor-Pump, In				
16154A	16154-2054	1	Rotor-Pump, Out				
49065	49065-2078	1	Filter-Oil				
49065A	49065-7003	1	Filter-Oil				
59051	59051-7004	1	Gear-Spur				
59071	59071-7003	1	Joint				
59231	59231-7002	1	Filler				
92043	92043-7003	1	Pin				
92066	92066-7003	2	Plug				
92140	92140-7003	1	Ball				
92145	92145-7002	1	Spring				
130	130B0612	3	Bolt-Flanged				
670	670D2016	4	O-Ring				



Air-Filter/Muffler Assembly Kawasaki FH601V-S07

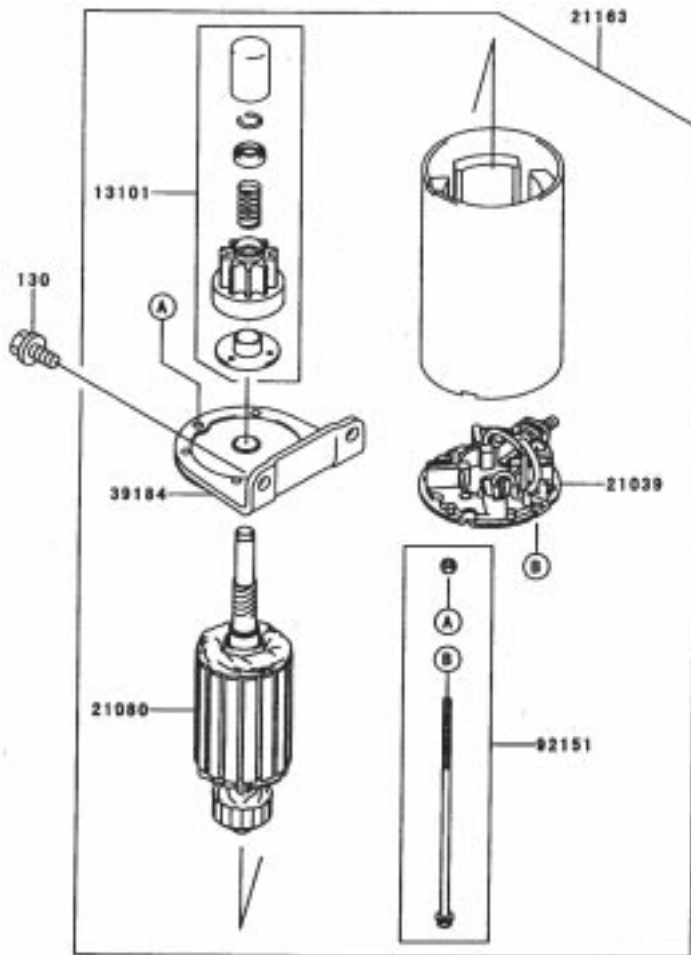
Ref. No.	Part No.	Qty.	Description
11011	11011-7003	1	Case-Air Filter
11013	11013-7009	1	Element-Air Filter
11013A	11013-7010	1	Element-Air Filter
11029	11029-7002	1	Element-Assy-Air Filter
11051	11051-7002-9H	1	Bracket
11060	11060-7016	2	Gasket, Muffler
13271	13271-7008-9X	1	Plate
13271A	13271-7009-9X	1	Plate
16060	16060-7001	1	Pipe-Intake
18049	18049-7003	1	Pipe-Exhaust
42036	42036-7002	1	Sleeve
49070	49070-7004	1	Muffler-Comp
92015	92015-1193	2	Nut
92037	92037-2079	2	Clamp
92072	92072-7005	1	Band
92171	92171-7002	1	Clamp
92191	92191-7006	1	Tube
92210	92210-7004	2	Nut
92210A	92210-7008	2	Nut
130	130B06105	2	Bolt-Flanged
130A	130B0816	3	Bolt-Flanged
172	172G0690	2	Bolt-Stud
233	233B0416	1	Screw-Pan-WP
311	311B0400	1	Nut-Hex
317	317R0800	4	Nut-Hex-Small

Ref. No.	Part No.	Qty.	Description
411	411B0600	1	Washer-Plain
461	461F0800	4	Washer-Spring



Fuel-Tank/Fuel-Valve Assembly Kawasaki FH601V-S07

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				



Starter/Decals – Kawasaki FH601V-S07

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	56080-7006	1	Decal-Brand

Ref. No.	Part No.	Qty.	Description
OTOTYPE			

Maintenance Record

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PROTOTYPE