



Z255

Z Master[®] with 72" SFS Side Discharge Mower

Model No. 74235—220000001 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.

Contents

Description	Page
Front Frame Assembly	4
Caster and Wheel Assembly	5
Main Frame Assembly	6
Brake and Wheel Hub Assembly	7
Steering Control Assembly	8
Hydraulic System Assembly	9
Seat Assembly	11
Deck Connection Assembly	12
Drive Idler Assembly	13
Z-Stand Assembly	14
Engine and Clutch Assembly	15
Guard Assembly	16
Fuel System Assembly	17
Electrical System Assembly	18
Deck, Deflector and Roller Assembly	19
Spindle and Pulley Assembly	20
Belt and Idler Arm Assembly	21
Electrical Schematic	22
Cylinder/Crankcase Assembly	
Kawasaki FH721D–AS05	23
Piston/Crankshaft Assembly	
Kawasaki FH721D–AS05	24

Description	Page
Valve/Camshaft Assembly	
Kawasaki FH721D–AS05	25
Lubrication Equipment Assembly	
Kawasaki FH721D–AS05	26
Cooling Equipment Assembly	
Kawasaki FH721D–AS05	27
Electric Equipment Assembly	
Kawasaki FH721D–AS05	28
Control Equipment Assembly	
Kawasaki FH721D–AS05	29
Carburetor Assembly	
Kawasaki FH721D–AS05	30
Air Filter/Muffler Assembly	
Kawasaki FH721D–AS05	31
Fuel Tank/Fuel Valve Assembly	
Kawasaki FH721D–AS05	32
Starter Assembly	
Kawasaki FH721D–AS05	33
P.T.O. Equipment Assembly	
Kawasaki FH721D–AS05	34
Label Assembly	
Kawasaki FH721D–AS05	35

Accessories

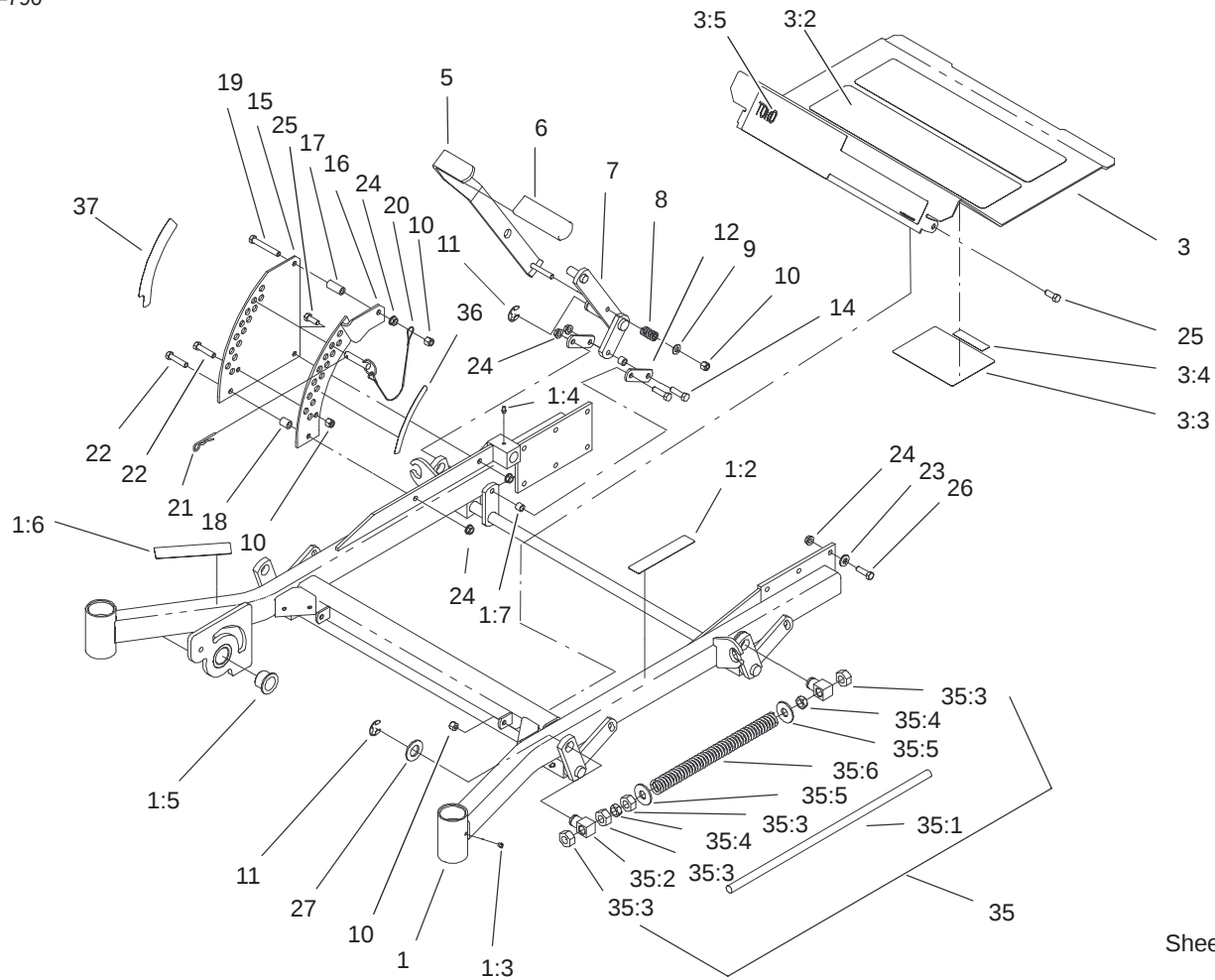
Description	Model / Part No.
Suspension Seat Kit	99–8522
Hitch Kit	99–8925
Atomic Blade Assembly	104–1304

Description	Model / Part No.
Striping Kit	30163
Recycler Kit	100–9678

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
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



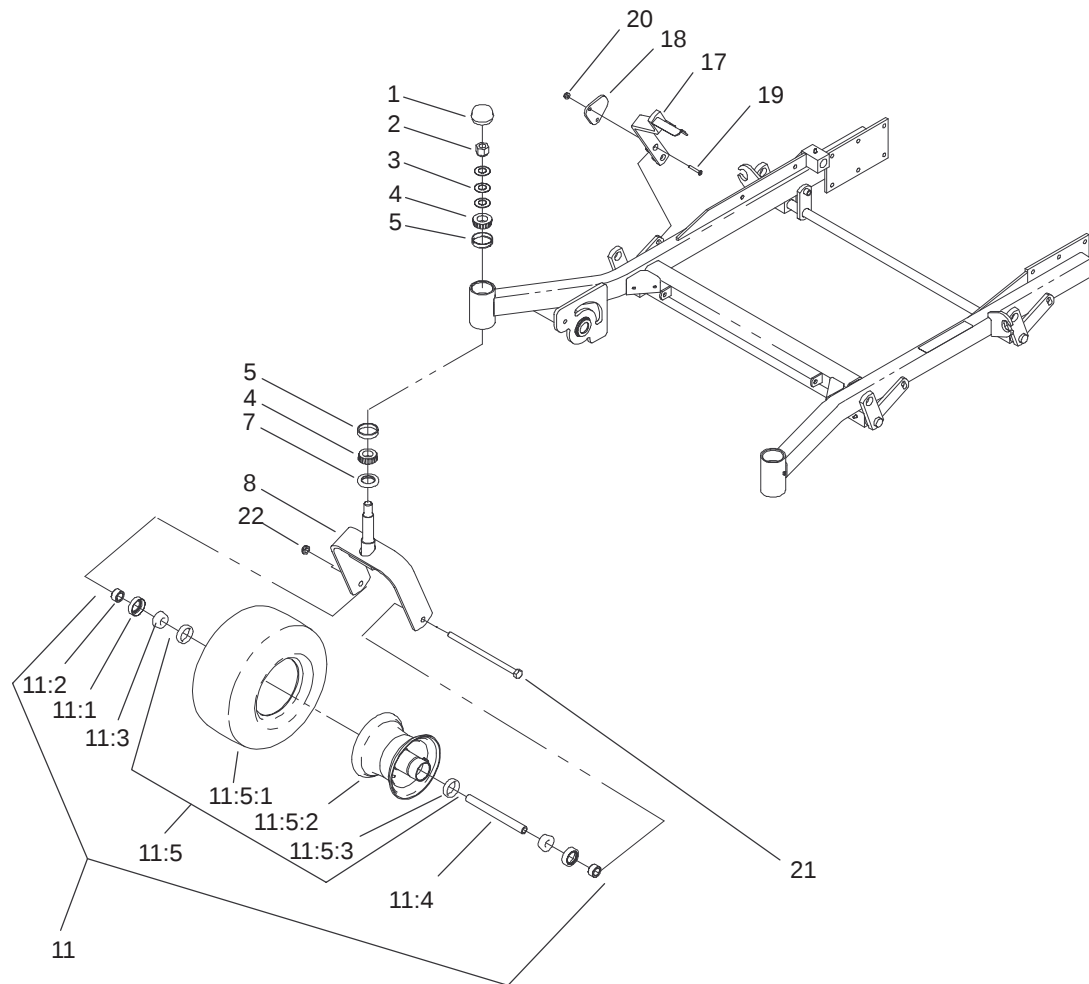
Sheet No.: 2

Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	104-5133	1	Frame ASM
1:2	1-633818	1	Decal-Warning
1:3	1-811010	2	Plug
1:4	302-19	5	Fitting-Grease
1:5	94-1291	2	Bushing-Special
1:6	104-7759	1	Decal-Warning
1:7	103-1918	1	Bushing
3	100-6509	1	Floorpan ASM
3:2	1-633553	3	Pad-Antiskid
3:3	1-633766	1	Decal-Check
3:4	98-5954	1	Decal-Missing, Cover
3:5	1-633737	1	Decal-Z-Master
5	103-2083-03	1	Lever-Lift
6	1-633295	1	Grip-Lever, Lift
7	103-2064-03	1	Arm-Lift, Deck
8	1-633325	1	Spring-Compression
9	3256-24	1	Washer-Flat
10	3296-39	5	Nut-Lock, NI
11	32151-103	5	Ring-Snap
12	1-633068	2	Arm-Lift, Deck
14	323-29	2	Screw-HH
15	1-633889-01	1	Plate-Lift, Deck
16	1-632899-01	1	Plate-Lift, Deck
17	1-633082	1	Bushing-Lever, Lift
18	1-633080	1	Bushing-Lever, Lift
19	323-13	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
20	1-633097	1	Pin-Hitch W/Lanyard
21	1-806005	1	Pin-Hair
22	323-9	2	Screw-HH
23	98-5975	12	Washer-Belleville
24	3290-357	17	Nut-HHF
25	323-6	3	Screw-HH
26	323-7	12	Screw-HH
27	3256-29	4	Washer-Flat
★35		2	Front Frame Spring ASM
35:1	1-633096	1	Rod-Lift, Deck
35:2	1-633441	2	Swivel-Deck Mount, Rear
35:3	3217-11	4	Nut-Hex
35:4	3218-6	2	Nut-Jam
35:5	3256-7	2	Washer-Flat
35:6	1-633064	1	Spring-Support, Deck
36	1-633706	1	Decal-Height, Deck
37	1-633345	1	Decal-Height, Deck

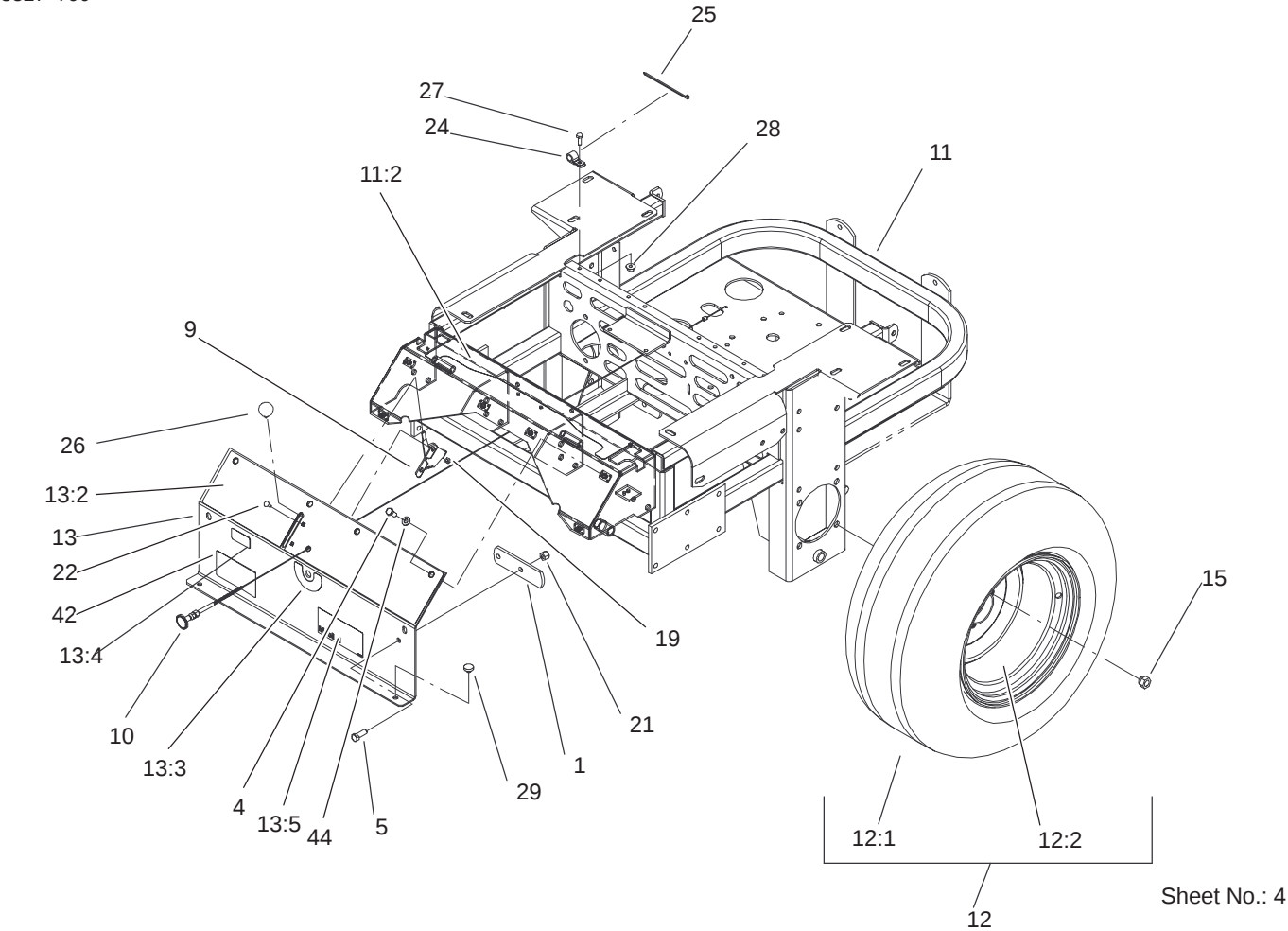
★ Not serviced separately



Sheet No.: 3

Caster and Wheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-543513	2	Cap-Grease				
2	3296-51	2	Nut-Lock, NI				
3	1-633508	6	Washer-Bellville				
4	254-94	4	Bearing-Cone, Taper				
5	254-72	4	Bearing-Cup, Tapered				
7	1-543511	2	Seal-Grease				
8	103-1474-01	2	Fork-Caster				
11	1-644251	2	Caster Wheel ASM				
11:1	1-633580	2	Seal-Bearing				
11:2	1-633581	2	Spacer-Bearing				
11:3	1-633585	2	Bearing-Cone, Taper				
11:4	1-633959	1	Spacer-Caster, Front				
11:5		1	Wheel & Tire ASM				
11:5:1	1-523009	1	Tire				
11:5:2	1-633987	1	Wheel				
11:5:3	1-633584	2	Bearing-Cup				
17	100-4333-01	1	Lever-Lift, Deck				
18	1-643220-01	1	Strap				
19	3289-7	2	Screw				
20	32128-20	2	Nut-HF				
21	325-39	2	Screw-HH				
22	3296-45	2	Nut-Lock, NI				

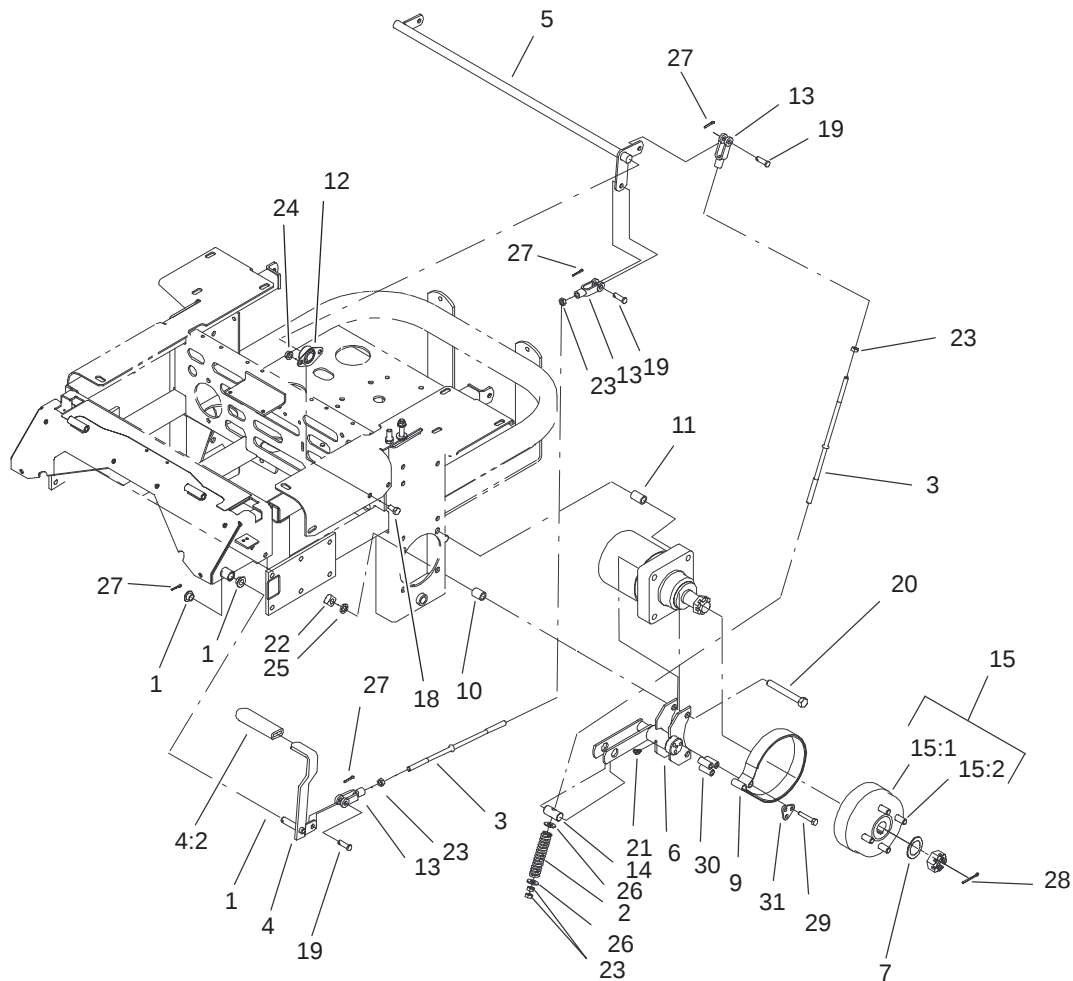


Sheet No.: 4

Main Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633964-03	1	Stop-Brake, Park
4	322-3	6	Screw-HH
5	323-6	2	Screw-HH
9	1-633696	1	Cable-Throttle
10	1-603336	1	Control-Choke
11	105-6120	1	Rear Frame ASM
11:2	103-2433	1	Decal,Top Console
12	1-633970	2	Wheel & Tire ASM
12:1	1-633993	1	Tire
12:2	1-633992	1	Wheel
13	99-4623	1	Console ASM
13:2	100-4311	1	Decal-Panel, Control
13:3	103-0262	1	Decal-Valve, Fuel
13:4	98-4387	1	Decal-Protection, Ear
13:5	104-8172	1	Decal-Mobil 1
15	242-50	8	Nut-Lug
19	3296-2	2	Nut-Lock
21	3296-39	2	Nut-Lock, NI
22	1-807513	2	Bolt-CARR
24	1-513762	1	Clip-Loom
25	1-303335	1	Tie-Plastic
26	1-513592	1	Knob-Ball
27	321-4	1	Screw-HH
28	32128-33	1	Nut-HF
29	1-513658	2	Bumper-Catcher, Grass

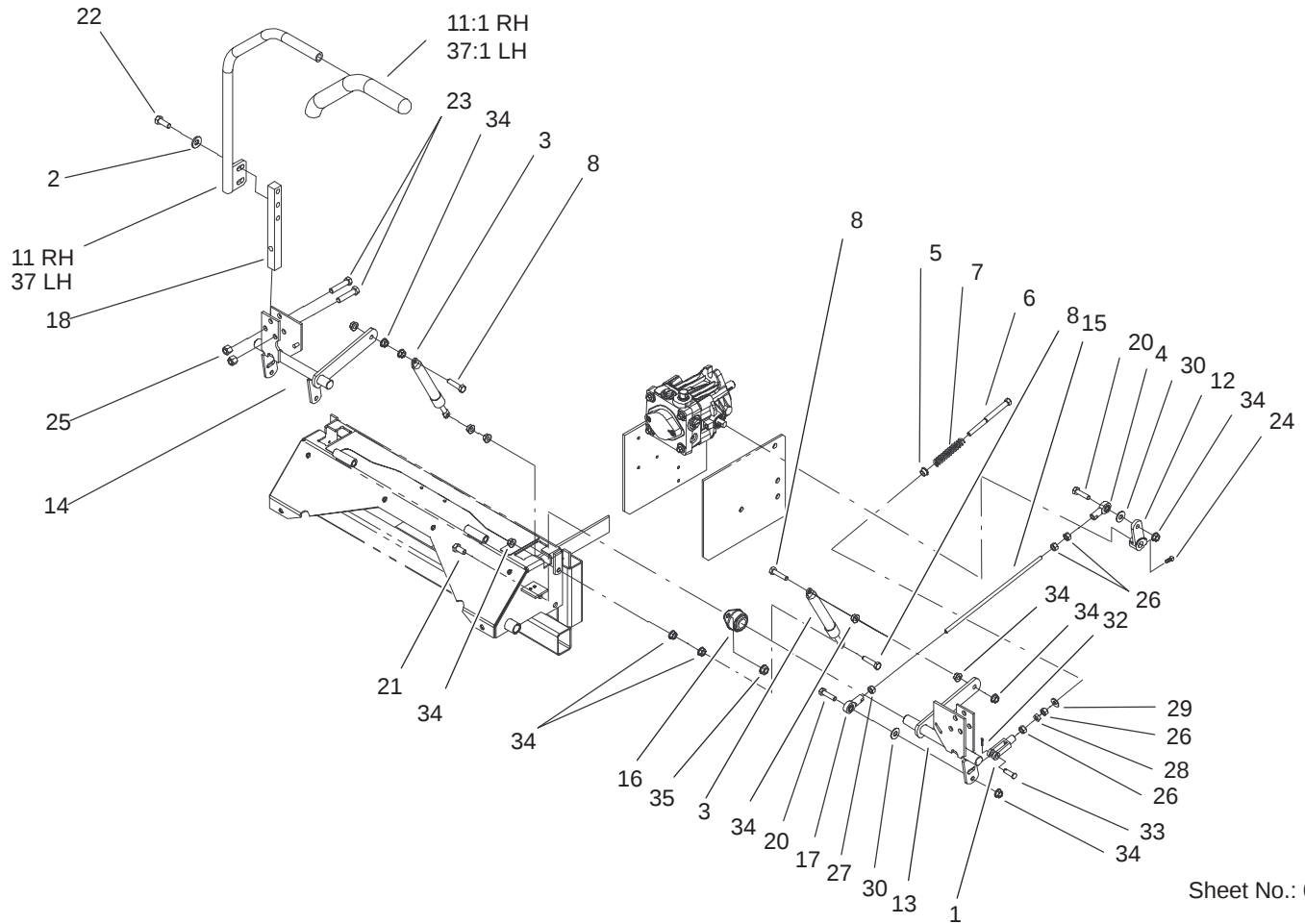
Ref. No.	Part No.	Qty.	Description
42	1-633736	1	Decal-Toro, Z255
44	3256-23	6	Washer-Flat



Sheet No.: 5

Brake and Wheel Hub Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-513140	2	Bearing-Control	27	3272-10	7	Pin-Cotter
2	1-633454	2	Spring-Brake	28	1-806800	2	Pin-Cotter
3	1-633477	3	Rod-Brake	29	322-9	6	Screw-HH
4	1-634500	1	Brake Lever ASM	30	103-0384	6	Spacer
4:2	1-633268	1	Grip-Lever, Brake	31	103-0374	2	Retainer-Band, Brake
5	1-632217-03	1	Shaft-Brake				
6	103-0354-03	2	Bracket-Brake				
7	1-523157	2	Washer-Spacer				
9	103-0355	2	Band-Brake				
10	1-633060	4	Spacer-Wheel, Short				
11	1-633062	4	Spacer-Wheel, Long				
12	1-633102	2	Bearing-Flange, Side				
13	1-633131	4	Yoke-Linkage, Brake				
14	1-633144	2	Pin-Trunion				
15	103-0590	2	Hub-Wheel				
15:1	103-0589	1	Hub-Wheel				
15:2	1-633926	4	Stud-Wheel				
18	323-4	4	Screw-HH				
19	1-808285	4	Pin-Clevis				
20	325-20	8	Screw-HH				
21	302-19	2	Fitting-Grease				
22	103-0131	8	Nut-Square				
23	3219-3	8	Nut-HH				
24	3290-357	4	Nut-HHF				
25	3253-7	8	Washer-Lock				
26	3256-4	4	Washer-Flat				

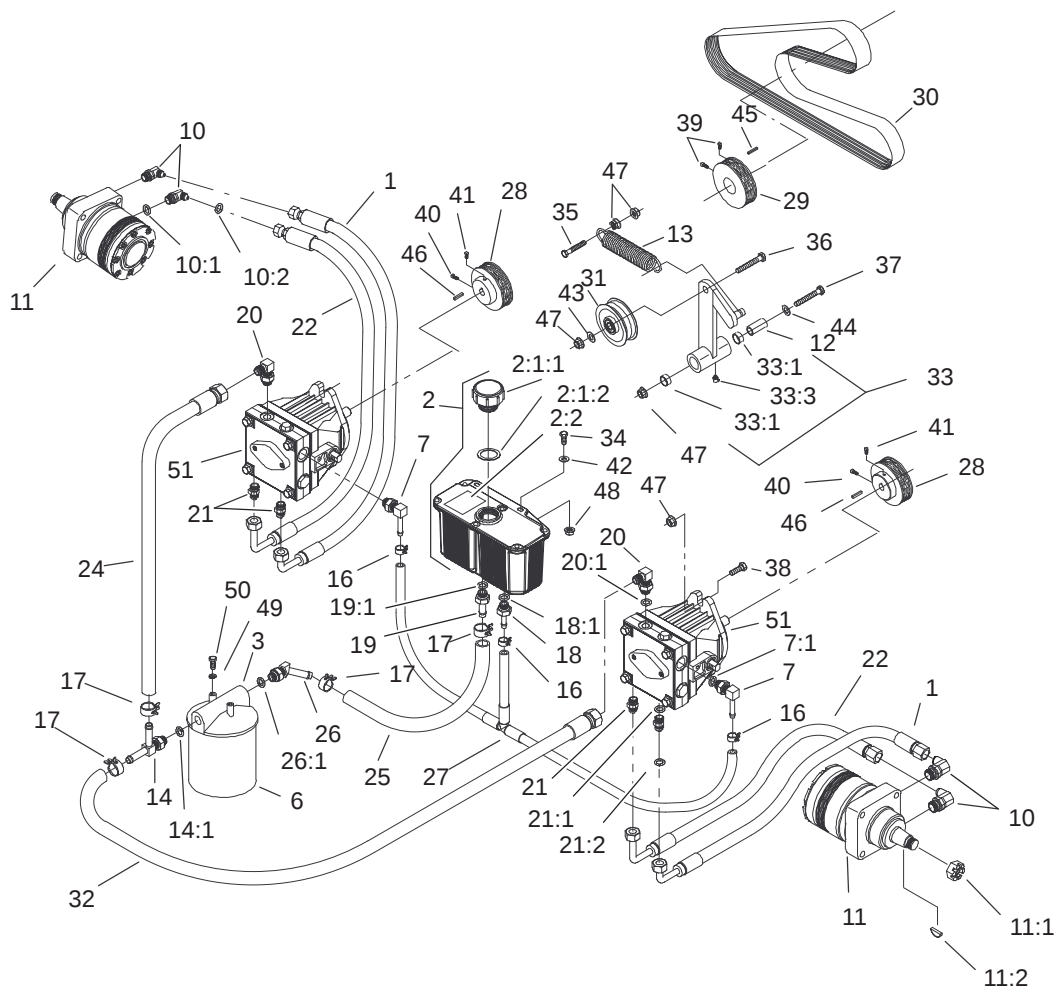


Sheet No.: 6

Steering Control Assembly

Ref. No.	Part No.	Qty.	Description
1	1-303105	2	Yoke-Adjustable
2	98-5975	4	Washer-Belleville
3	1-523027	2	Damper-Control
4	1-543017	2	Balljoint-RH
5	1-603735	2	Bushing-Flanged
6	1-603737	2	Bolt-Return, Neutral
7	1-603807	2	Spring-Return, Neutral
8	1-403180	4	Screw-HH
11	103-0632	1	RH Lever ASM
11:1	1-633257	1	Grip-Control, Motion
12	1-632208	2	Arm-Control, Pump
13	1-642319	1	Control-Motion, LH
14	1-642320	1	Control-Motion, RH
15	1-633153	2	Linkage-Pump/Lever
16	1-633102	4	Bearing-Flange, Side
17	1-633152	2	Balljoint-Thread, LH
18	103-0407	2	Arm-Shaft, Control
20	322-6	4	Screw-HH
21	323-4	8	Screw-HH
22	323-6	4	Screw-HH
23	323-9	6	Screw-HH
24	1-803022	2	Screw
25	3296-39	6	Nut-Lock, NI
26	3219-2	10	Nut-Hex
27	1-804524	2	Nut

Ref. No.	Part No.	Qty.	Description
28	3220-2	2	Nut
29	3256-2	2	Washer-Flat
30	3256-3	4	Washer-Flat
32	3272-5	2	Pin-Cotter
33	1-808280	2	Pin-Clevis
34	32128-20	16	Nut-HF
35	3290-357	8	Nut-HHF
37	103-0631	1	LH Lever ASM
37:1	1-633257	1	Grip-Control, Motion

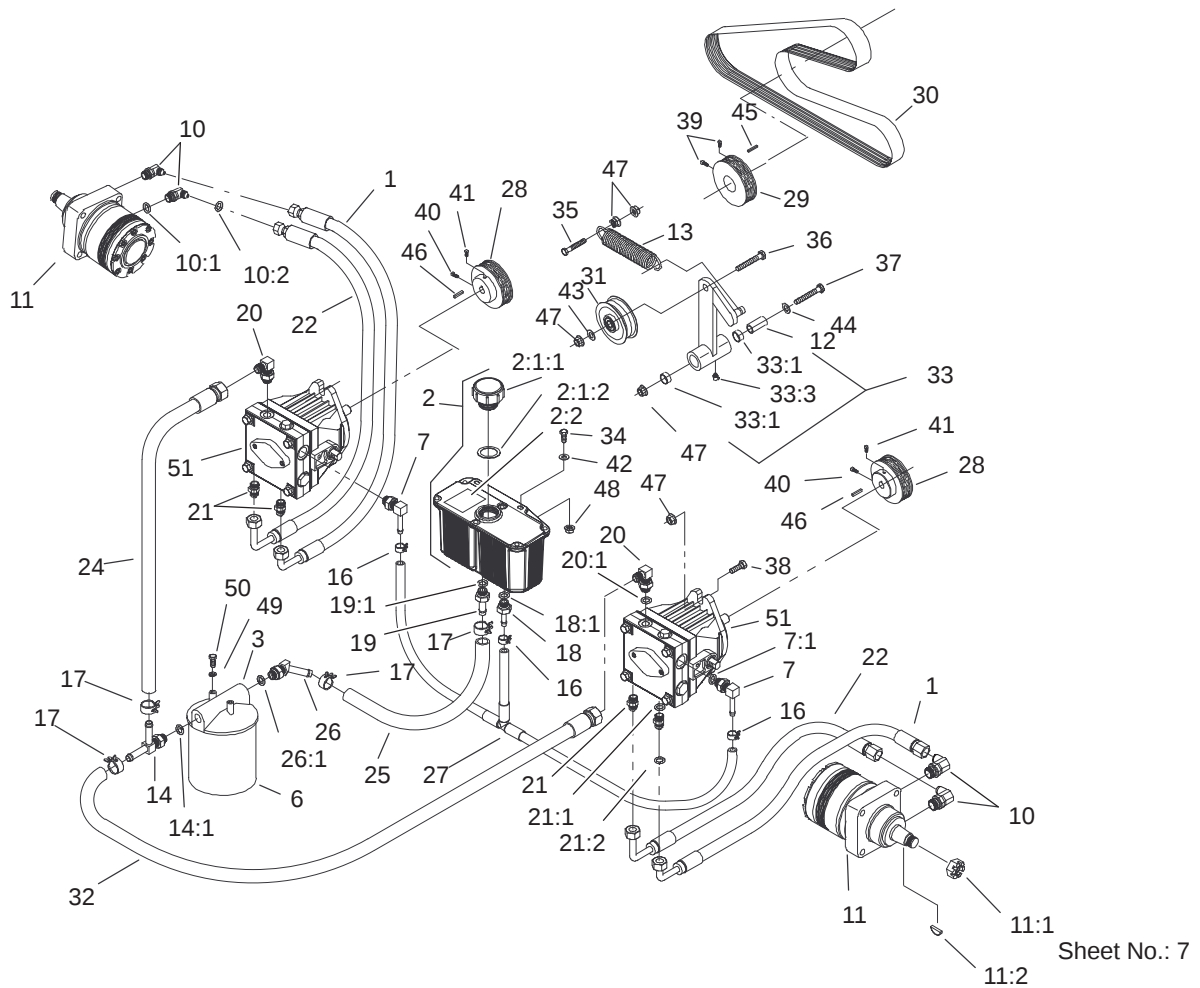


Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-633776	2	Hose-Upper	18	103-1801	1	Adapter-Straight
2	103-1947	1	HYD Reservoir ASM	18:1	237-42	1	O-Ring
☆2:1		1	Reservoir-HYD	19	103-1912	1	Adapter-Straight
2:1:1	103-1948	1	Cap-HYD Reservoir	19:1	237-42	1	O-Ring
2:1:2	103-1949	1	Gasket-Cap	20	103-1802	2	Elbow-90°
2:2	1-523552	1	Decal-Tank, Hydraulic	20:1	237-42	1	O-Ring
3	104-7836	1	Head-Filter	21	1-603990	4	Fitting-Straight
6	1-633750	1	Filter-HYD	21:1	237-79	1	O-Ring
6	1-633752	1	Filter-HYD, Winter	21:2	1-603992	1	O-Ring
7	103-1799	2	Elbow-90°	22	103-1863	2	Hose-Lower
7:1	237-42	1	O-Ring	24	103-1826	1	HYD Hose ASM
10	1-633786	4	Fitting-90°	25	103-1808	1	Hose-HYD
10:1	237-80	1	O-Ring	26	103-1807	1	Elbow-45°
10:2	1-603992	1	O-Ring	26:1	237-42	1	O-Ring
11	1-523328	2	Motor-Wheel	27	103-1806	1	HYD Hose ASM
11:1	1-809036	1	Nut-HH	28	1-633568	2	Sheave
11:2	3257-42	1	Key-Woodruff	29	1-633567	1	Sheave
*11:99	103-2748	1	Kit-Link, Drive	30	1-633749	1	Belt-Drive, Pump
*11:99	1-000139	1	Kit-Bearing	31	1-633167	1	Sheave-Idler
*11:99	1-000099	1	Kit-Seal	32	103-1827	1	HYD Hose ASM
12	1-603384	1	Bushing-Pivot, Idler	33	1-634277	1	Bearing Arm ASM
13	1-633151	1	Spring-Extension	33:1	1-513034	2	Sleeve-Bearing
14	103-1828	1	Adapter-Run, Tee	33:3	302-40	1	Fitting-Grease
14:1	237-42	1	O-Ring	34	321-6	2	Screw-HH
16	103-1716	3	Clamp-Hose	35	323-8	1	Screw-HH
17	103-1988	4	Clamp-Hose	36	323-9	1	Screw-HH

☆ Not serviced separately

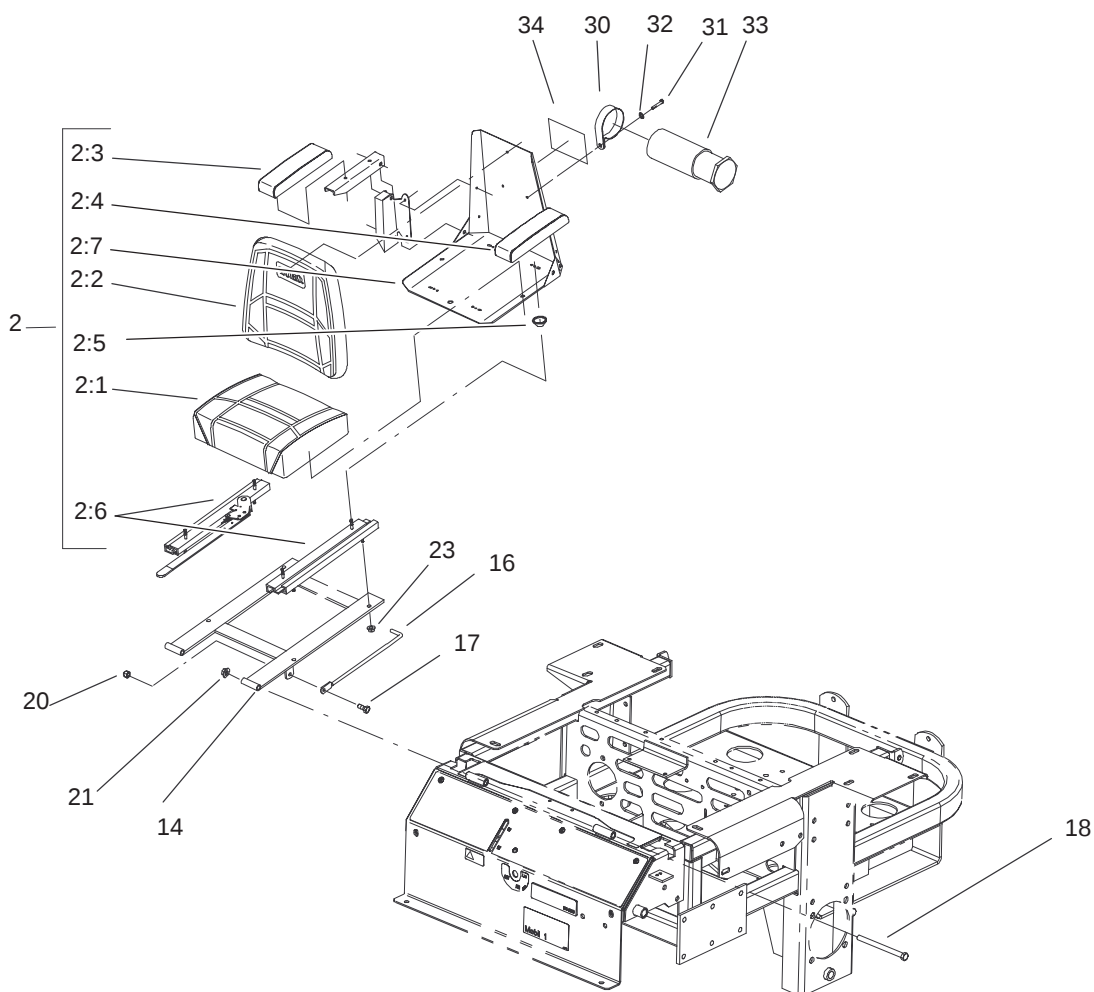
* Not illustrated



Hydraulic System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
37	1-800805	1	Screw-HH				
38	323-7	4	Screw-HH				
39	1-803022	2	Screw				
40	30-1710	2	Screw				
41	1-803050	2	Screw-Set				
42	3256-22	2	Washer-Flat				
43	3256-3	1	Washer-Flat				
44	3256-4	1	Washer-Flat				
45	13-2840	1	Key-Square				
46	1-807272	2	Key-Machine				
47	3290-357	8	Nut-HHF				
48	32128-33	2	Nut-HF				
49	1-805004	2	Washer-Lock				
50	321-3	2	Screw-HH				
51	103-2675	2	Pump, Hydraulic				
*51:1	103-2664	1	Kit-Shaft, Input				
*51:2	103-2665	1	Kit-Bearing, Thrust				
*51:3	103-2666	1	Kit-Block, Cylinder				
*51:4	105-6185	1	Plate-Valve				
*51:5	105-6184	1	Kit-Overhaul, Seal				
*51:7	106-2053	1	Kit-Valve, Shock				

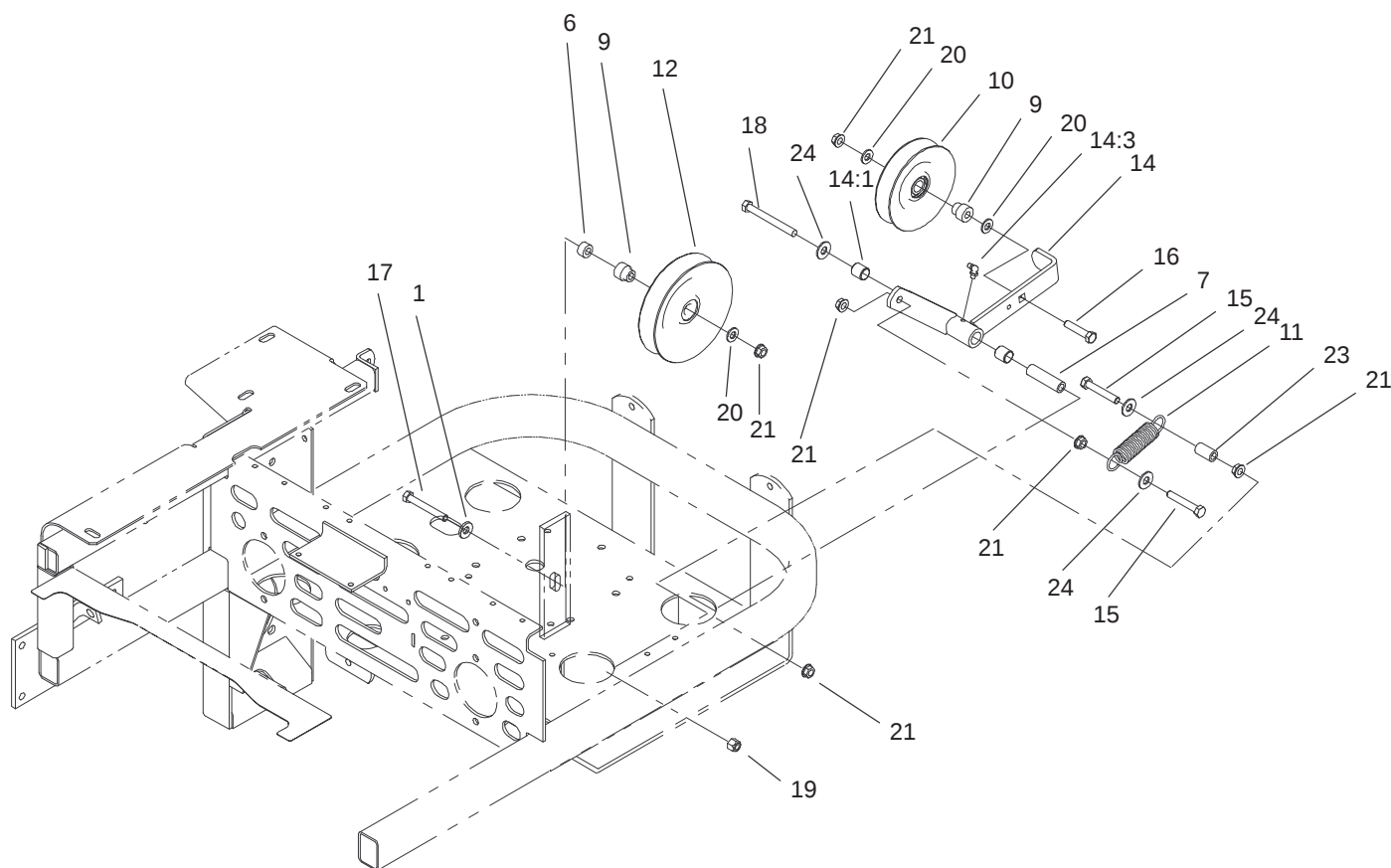
* Not illustrated



Sheet No.: 8

Seat Assembly

Ref. No.	Part No.	Qty.	Description
2	1-633705	1	Seat W/Tracks
2:1	103-0290	1	Cushion-Bottom, Seat
2:2	104-7754	1	Cushion-Back, Seat
2:3	1-633710	1	Cushion-Armrest, RH
2:4	1-633711	1	Cushion-Armrest, LH
2:5	1-543401	4	Spacer-Track
2:6	1-643255	1	Track-Seat
2:7	1-633859	1	Frame-Seat
14	1-632187-03	1	Frame-Seat
16	1-633293	1	Rod-Holdup, Seat
17	322-5	1	Screw-HH
18	323-39	2	Screw-HH
20	3296-29	1	Nut-Lock, NI
21	3296-39	2	Nut-Lock, NI
23	32128-20	4	Nut-HF
30	2412-133	2	R-Clamp
31	32104-76	2	Screw
32	3256-16	2	Washer-Flat
33	74-0720	1	Tube-Manual
34	99-4693	1	Decal-Toro

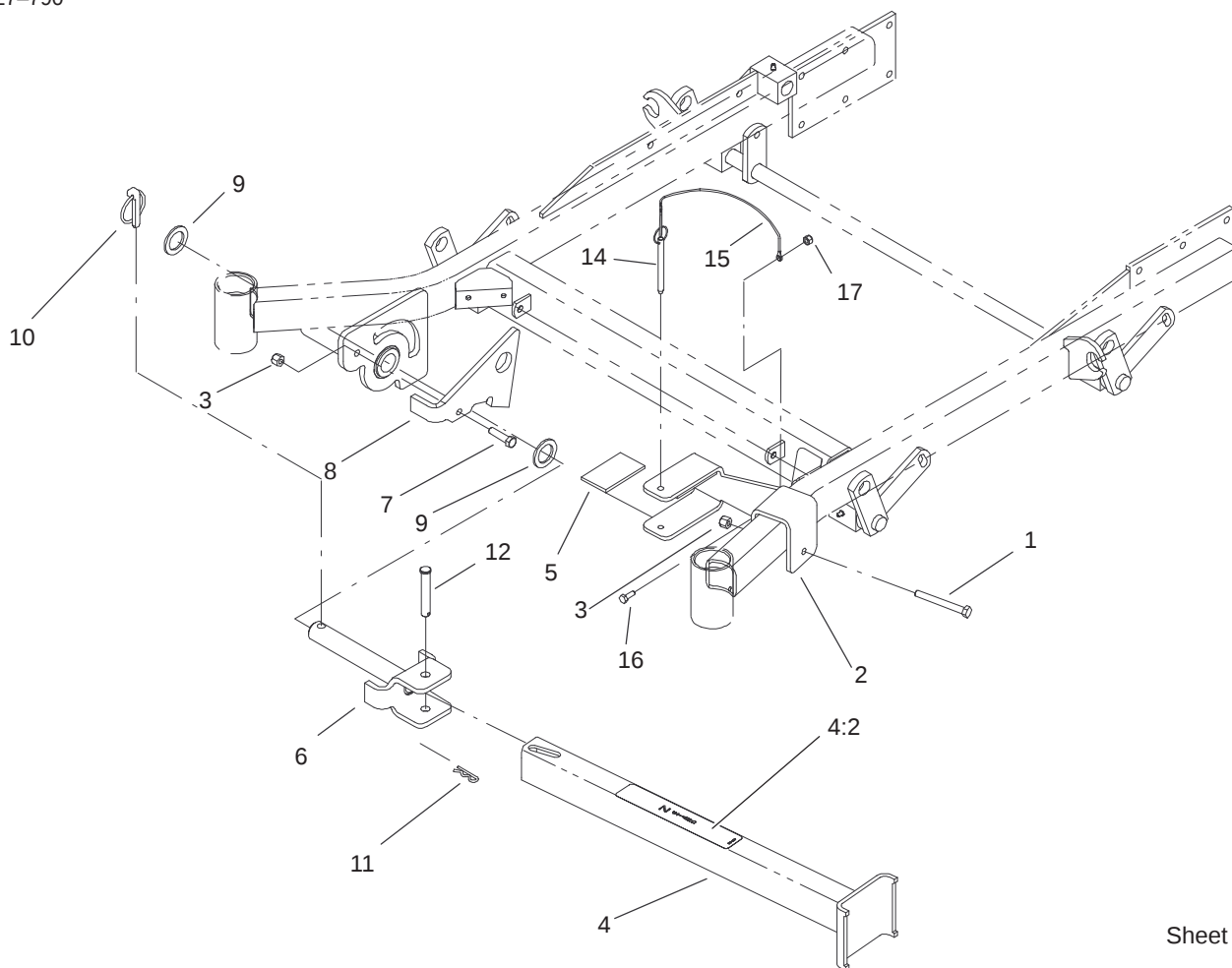


Sheet No.: 10

Drive Idler Assembly

Ref. No.	Part No.	Qty.	Description
1	98-5975	1	Washer-Belleville
6	1-603050	1	Spacer
7	1-603384	1	Bushing-Pivot, Idler
9	1-603496	2	Bushing-Idler
10	99-4638	1	Idler
11	1-603402	1	Spring-Extension
12	1-633166	1	Idler Pulley
14	99-4677	1	Idler Arm ASM
14:1	1-513034	2	Sleeve-Bearing
14:3	302-40	1	Fitting-Grease
15	323-11	2	Screw-HH
16	323-9	1	Screw-HH
17	323-13	1	Screw-HH
18	1-800805	1	Screw-HH
19	3296-39	1	Nut-Lock, NI
20	3256-24	3	Washer-Flat
21	3290-357	6	Nut-HHF
23	1-603401	1	Spacer-Fender
24	3256-4	3	Washer-Flat

Ref. No.	Part No.	Qty.	Description

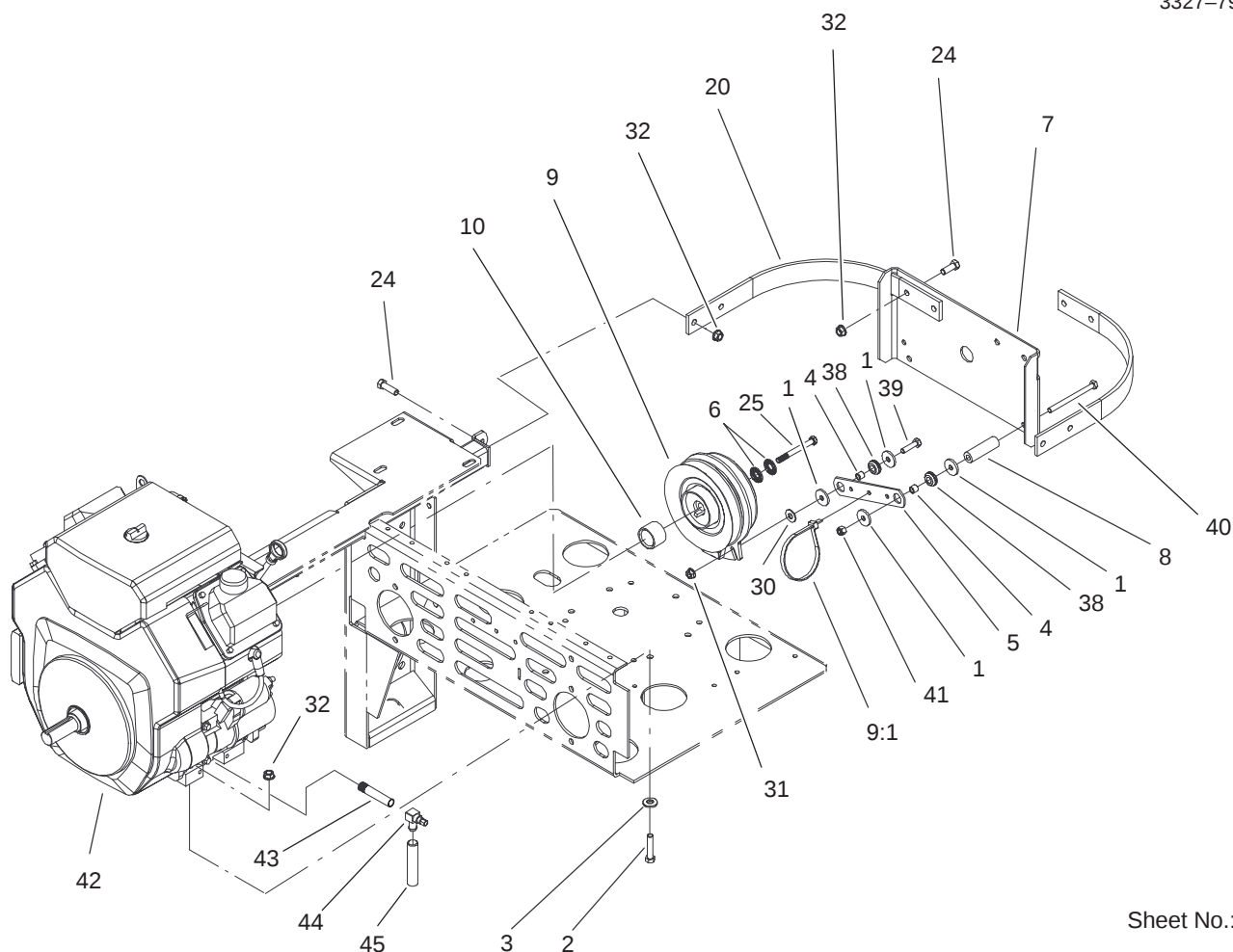


Sheet No.: 11

Z-Stand Assembly

Ref. No.	Part No.	Qty.	Description
1	323-20	1	Screw-HH
2	100-6542-01	1	Bracket-Cradle
3	3296-39	2	Nut-Lock, NI
4	100-6545	1	Leg ASM
4:2	104-7758	1	Decal-Z Stand
5	283-55	1	Pin-Clevis
6	100-9692-01	1	Pivot Pin ASM
7	323-8	1	Screw-HH
8	100-9686-01	1	Bracket-Latch
9	3-6781	2	Washer-Thrust
10	283-71	1	Pin-Lynch
11	3290-355	1	Pin-Hair
12	100-6547	2	Cushion-Rubber
14	105-1647	1	Pin-Hitch, Cotterless
15	100-9385	1	Lanyard-Nylon
16	321-4	1	Screw-HH
17	3296-42	1	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description

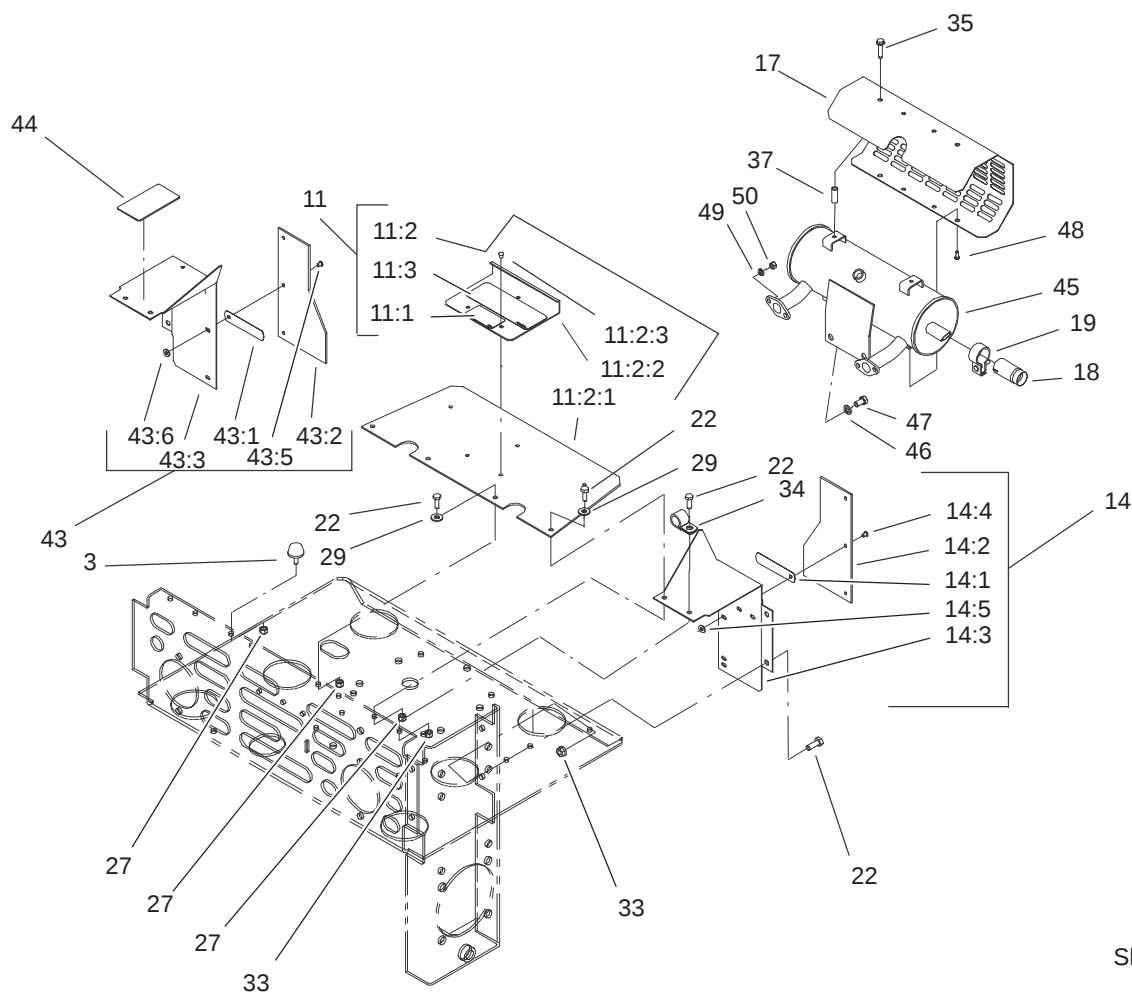


Sheet No.: 12

Engine and Clutch Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-613235	4	Washer	44	103-1965	1	Valve-Drain, Oil
2	323-9	4	Screw-HH	45	103-1964	1	Hose, Oil Drain
3	98-5975	4	Washer-Belleville				
4	1-633545	2	Spacer-Grommet				
5	1-633543-03	1	Strap-Clutch, Brake				
6	1-603610	2	Washer-Spring				
7	1-633615-03	1	Guard-Clutch				
8	1-633988	1	Spacer-Anchor, Clutch				
9	103-1364	1	Clutch				
9:1	1-303335	1	Tie-Plastic				
10	1-633179	1	Spacer-Clutch				
20	1-643264-03	2	Bracket-Guard, Top				
24	323-6	6	Screw-HH				
25	3212-6	1	Screw-HH				
30	3256-3	1	Washer-Flat				
31	32128-20	1	Nut-HF				
32	3290-357	8	Nut-HHF				
38	1-633630	2	Grommet-Brake				
39	322-6	1	Screw-HH				
40	322-19	1	Screw-HH				
41	3296-29	1	Nut-Lock, NI				
☆42		1	Engine-Kawasaki, Fh721d As-05				
43	103-1966	1	Adapter				

☆ Not serviced separately

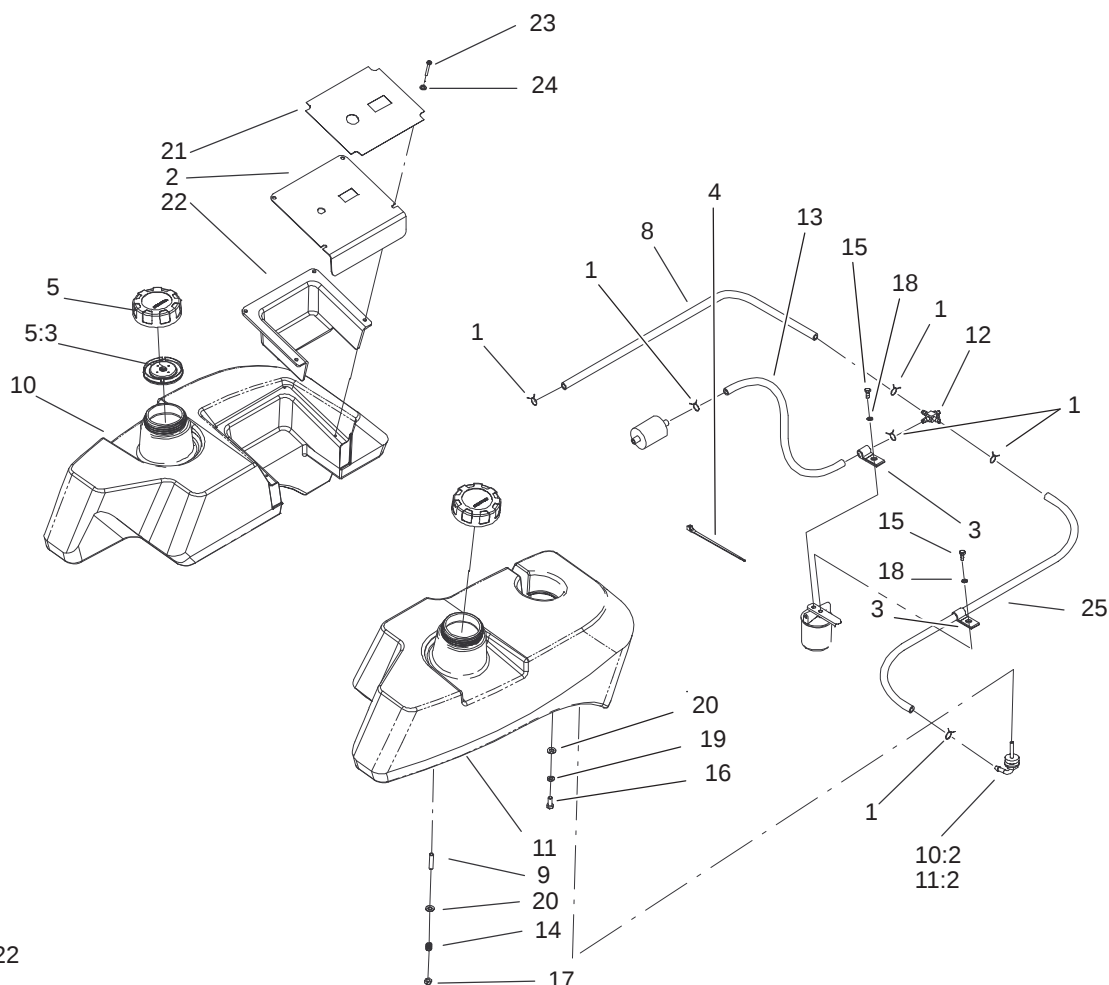


Sheet No.: 13

Guard Assembly

Ref. No.	Part No.	Qty.	Description
3	1-523420	2	Bumper
11	105-6196	1	Shield ASM W/ Decals
11:1	1-633462	1	Decal-Important
11:2	103-1301	1	Drive Cover ASM
11:2:1	103-1308	1	Shield-Engine
11:2:2	103-1304-03	1	Plate,Drive Cover
11:2:3	1-803035	5	Rivet-Pop
11:3	103-0368	1	Decal-Devices, Rotating
14	103-0241	1	LH Extended Shield ASM
14:1	1-523285	2	Clip-Baffle, Rear
14:2	103-0243	1	Shield,Engine/Pump Drive
14:3	1-633795-03	1	Baffle-Engine Shield, LH
14:4	1-803035	3	Rivet-Pop
14:5	3256-63	3	Washer-Flat
17	1-643313-03	1	Guard-Muffler
18	103-1513	1	Arrester-Spark
19	103-1514	1	Clamp-Muffler
22	321-4	10	Screw-HH
27	3296-42	6	Nut-Lock, NI
29	3256-2	4	Washer-Flat
33	32128-33	5	Nut-HF
34	1-633396	1	Clip-Loom

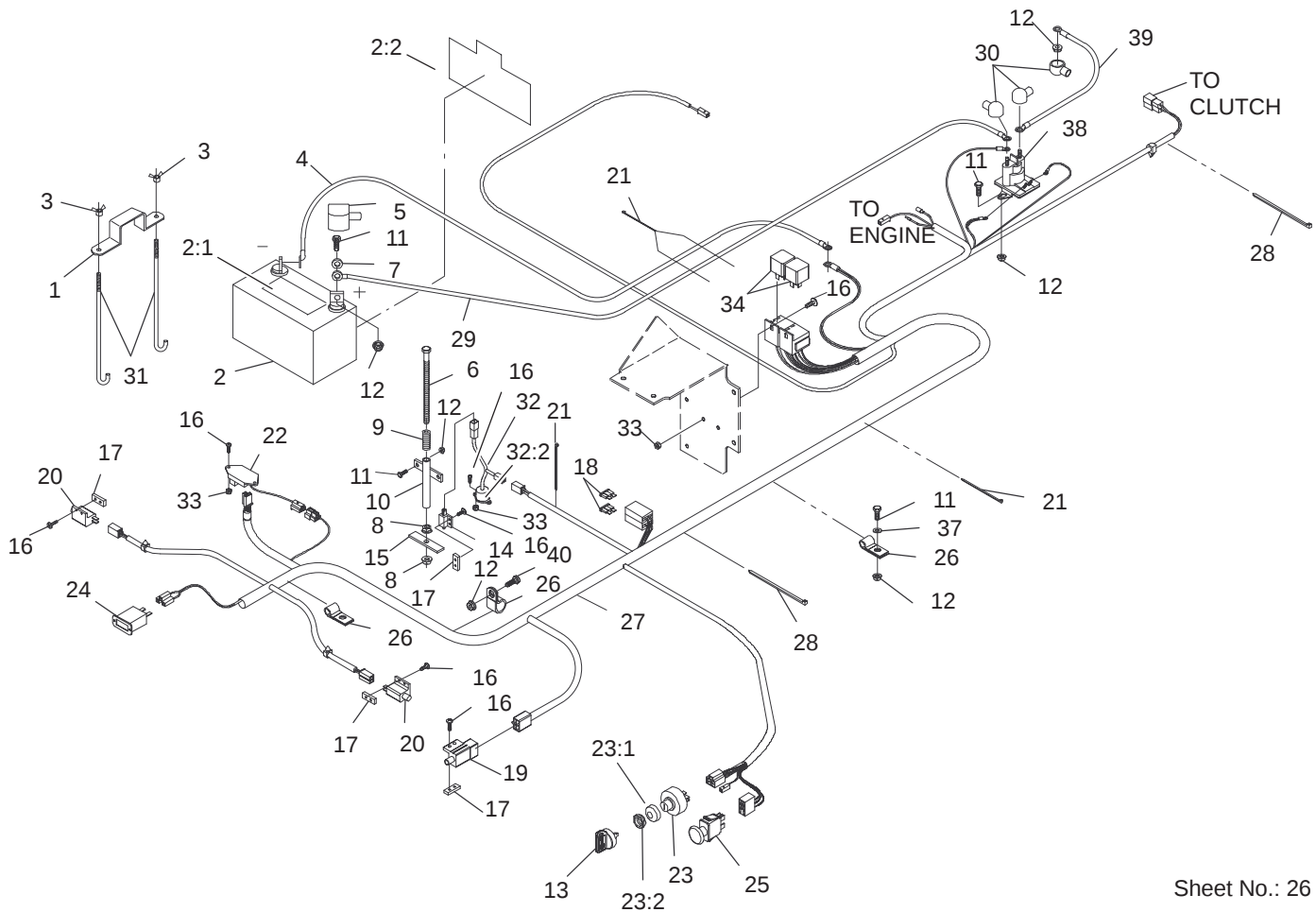
Ref. No.	Part No.	Qty.	Description
35	1-809108	2	Screw-HWH
37	1-323236	2	Spacer
43	103-0242	1	RH Extended Shield ASM
43:1	1-523285	2	Clip-Baffle, Rear
43:2	103-0243	1	Shield,Engine/Pump Drive
43:3	1-633794-03	1	Baffle-Engine Shield, RH
43:5	1-803035	3	Rivet-Pop
43:6	3256-63	3	Washer-Flat
44	1-643339	1	Decal-Routing, Belt
45	103-0202	1	Muffler
46	3253-6	2	Washer-Lock
47	324-2	2	Screw-HH
48	9266934	2	Screw
49	1-805005	4	Washer-Lock
50	33014-00	4	Nut-Hex



Sheet No.: 22

Fuel System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-303077	6	Clamp-Line, Fuel
2	99-4656-03	1	Panel-Control
3	1-513762	2	Clip-Loom
4	1-303335	1	Tie-Plastic
5	88-3980	2	Gas Cap ASM
5:3	88-4010	1	Gasket-Cap, Gas
8	1-543456	1	Hose-Fuel
9	1-633023	6	Stud
10	105-3629	1	LH Fuel Tank ASM
10:2	103-2605	1	Fitting-Fuel, Bulkhead
11	105-3628	1	RH Fuel Tank ASM
11:2	103-2605	1	Fitting-Fuel, Bulkhead
12	1-633347	1	Valve-Fuel
13	103-0216	1	Hose-Fuel
14	1-633349	6	Spring-Tank, Fuel
15	321-3	2	Screw-HH
16	322-3	2	Screw-HH
17	3296-47	6	Nut-Lock, NI
18	1-805004	2	Washer-Lock
19	1-805005	2	Washer-Lock
20	3256-23	8	Washer-Flat
21	99-4632	1	Decal-Panel, Control
22	99-4940	1	Shield-Panel, Control
23	1-803071	4	Screw
24	1-303435	4	Washer-Spring
25	103-2885	1	Hose-Fuel

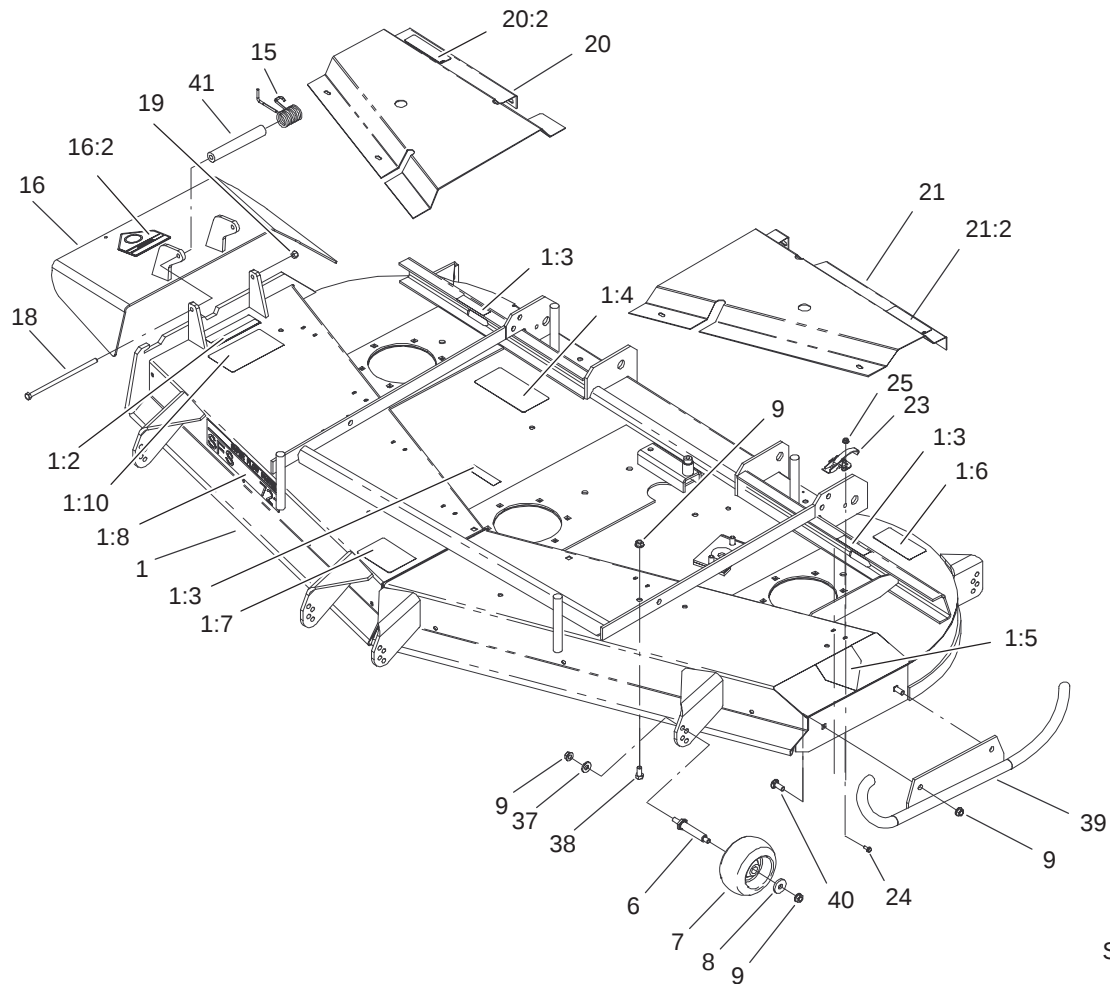


Sheet No.: 26

Electrical System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633652-03	1	Strap-Holddown, Battery
2	105-1692	1	Battery
2:1	104-4163	1	Decal-Battery
2:2	104-4164	1	Decal-Battery
3	1-543792	2	Wingnut
4	1-633307	1	Wire-Ground
5	1-543391	1	Insulator-Battery
6	1-800282	1	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-20	2	Nut-HF
9	1-523415	1	Spring-Switch, Seat
10	1-522424-03	1	Mount-Spring, Seat
11	321-4	8	Screw-HH
12	32128-33	8	Nut-HF
13	63-8360	2	Key-Ignition
14	1-513152	1	Switch-Closed, Normally
15	1-513180	1	Plate-Switch, Seat
16	3290-500	14	Screw-PPH
17	1-633181	4	Plate-Tapped
18	1-816001	2	Fuse-Type, Blade
19	1-633111	1	Switch
20	1-513051	2	Switch-Open, Normally
21	1-303287	5	Tie-Plastic

Ref. No.	Part No.	Qty.	Description
22	100-6186	1	Module-Delay, Seat
23	88-9830	1	Key Switch ASM
23:1	3254-5	1	Washer-Lock, Internal
23:2	218-461	1	Nut-HH
24	1-513374	1	Meter-Hour
25	1-633673	1	Switch-Delta
26	1-633396	3	Clip-Loom
27	105-3191	1	Harness-Wire
28	1-303335	2	Tie-Plastic
29	1-523281	1	Wire-Starter
30	1-543393	3	Insulator-Solenoid
31	1-633651	2	Bolt-Holddown
32	1-644427	1	Tilt Switch ASM
32:2	1-643401	1	Decal-Switch, Mercury
33	3296-2	6	Nut-Lock
34	1-643275	2	Relay
37	3256-22	1	Washer-Flat
38	1-513075	1	Switch-Solenoid
39	1-633306	1	Wire-Starter
40	321-2	1	Screw-HH

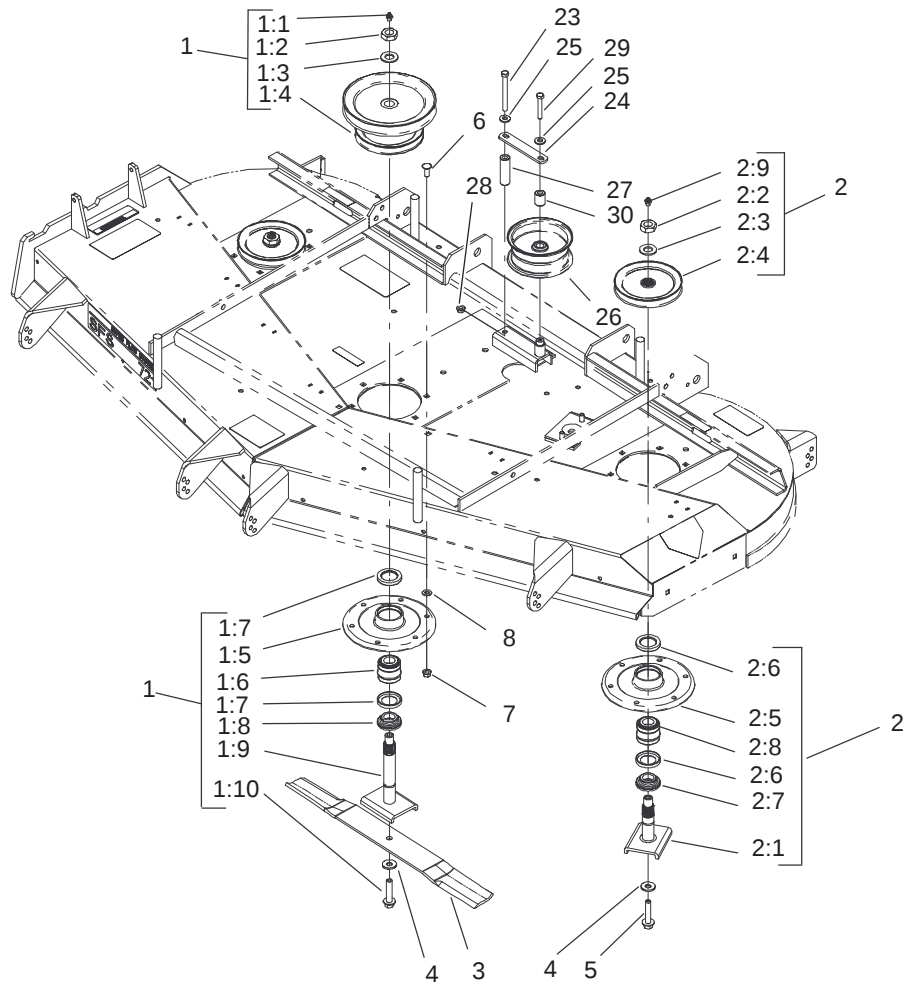


Sheet No.: 71

Deck, Deflector and Roller Assembly

Ref. No.	Part No.	Qty.	Description
1	105-1698	1	Deck ASM
1:2	104-8569	1	Decal-Warning, Deflector
1:3	98-5954	3	Decal-Missing, Cover
1:4	99-4686	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	98-5995	1	Decal-Deck
1:10	66-1340	1	Decal-Danger
6	99-2842	6	Spacer-Wheel
7	68-2730	6	Wheel-Gage
8	1-373034	6	Washer-Swivel
9	3290-357	18	Nut-HHF
15	104-8554	1	Spring-Torsion
16	105-3605	1	Deflector ASM
16:2	54-9220	1	Decal-Danger
18	322-50	1	Screw-Cap
19	3296-29	1	Nut-Lock, NI
20	100-6527	1	RH Cover W/Decal ASM
20:2	67-5360	1	Decal-Danger
21	99-2623	1	LH Cover W/Decal ASM
21:2	67-5360	1	Decal-Danger

Ref. No.	Part No.	Qty.	Description
23	249-21	4	Clamp-Slotted
24	3290-321	8	Screw-HWH
25	32128-17	8	Nut-Lock, Flange
37	98-5975	6	Washer-Belleville
38	323-2	6	Screw-HH
39	98-7923-01	1	Skid
40	3231-21	2	Screw-CARR
41	105-4622	1	Spacer-Mounting, Deflector

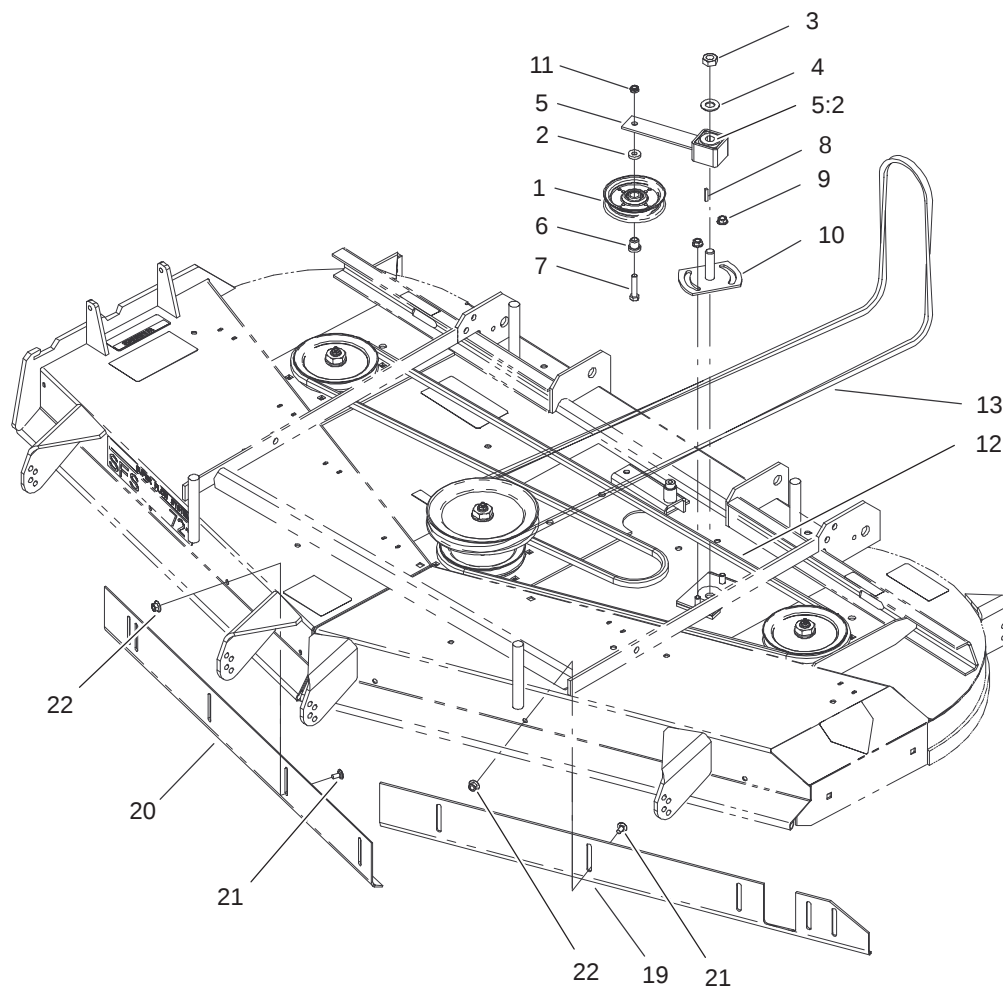


Sheet No.: 72

Spindle and Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	105-1690	1	Spindle Housing ASM
1:1	302-2	1	Fitting-Grease
1:2	32146-20	1	Nut-Jam
1:3	92-5836	1	Washer-Axle
1:4	99-4626	1	Pulley Hub ASM
1:5	61-4160	1	Housing-Spindle
1:6	46-8530	1	Bearing ASM
1:7	253-139	2	Seal-Oil
1:8	27-0950	1	Spacer-Bearing, Spindle
1:9	105-1686	1	Spindle Shaft ASM
1:10	92-5816	1	Bolt-Blade
2	99-4642	2	Outer Spindle ASM
2:1	27-0920	1	Shaft-Spindle
2:2	32146-20	1	Nut-Jam
2:3	7-4150	1	Washer-Pinion
2:4	99-4615	1	Pulley & Hub
2:5	61-4160	1	Housing-Spindle
2:6	253-139	2	Seal-Oil
2:7	27-0950	1	Spacer-Bearing, Spindle
2:8	46-8530	1	Bearing ASM
2:9	302-2	1	Fitting-Grease
3	94-1861	3	Blade
4	1-513435	3	Washer-Spring
5	92-5816	2	Bolt-Blade

Ref. No.	Part No.	Qty.	Description
6	3231-22	18	Screw-CARR
7	32128-21	18	Nut-HF
8	3256-24	4	Washer-Flat
23	323-42	1	Screw-HH
24	1-653189	1	Plate-Guide, Belt
25	98-5975	2	Washer-Belleville
26	1-413099	1	Pulley-Idler
27	99-4659	1	Spacer-Bracket
28	3290-357	1	Nut-HHF
29	323-11	1	Screw-HH
30	1-653190	1	Spacer



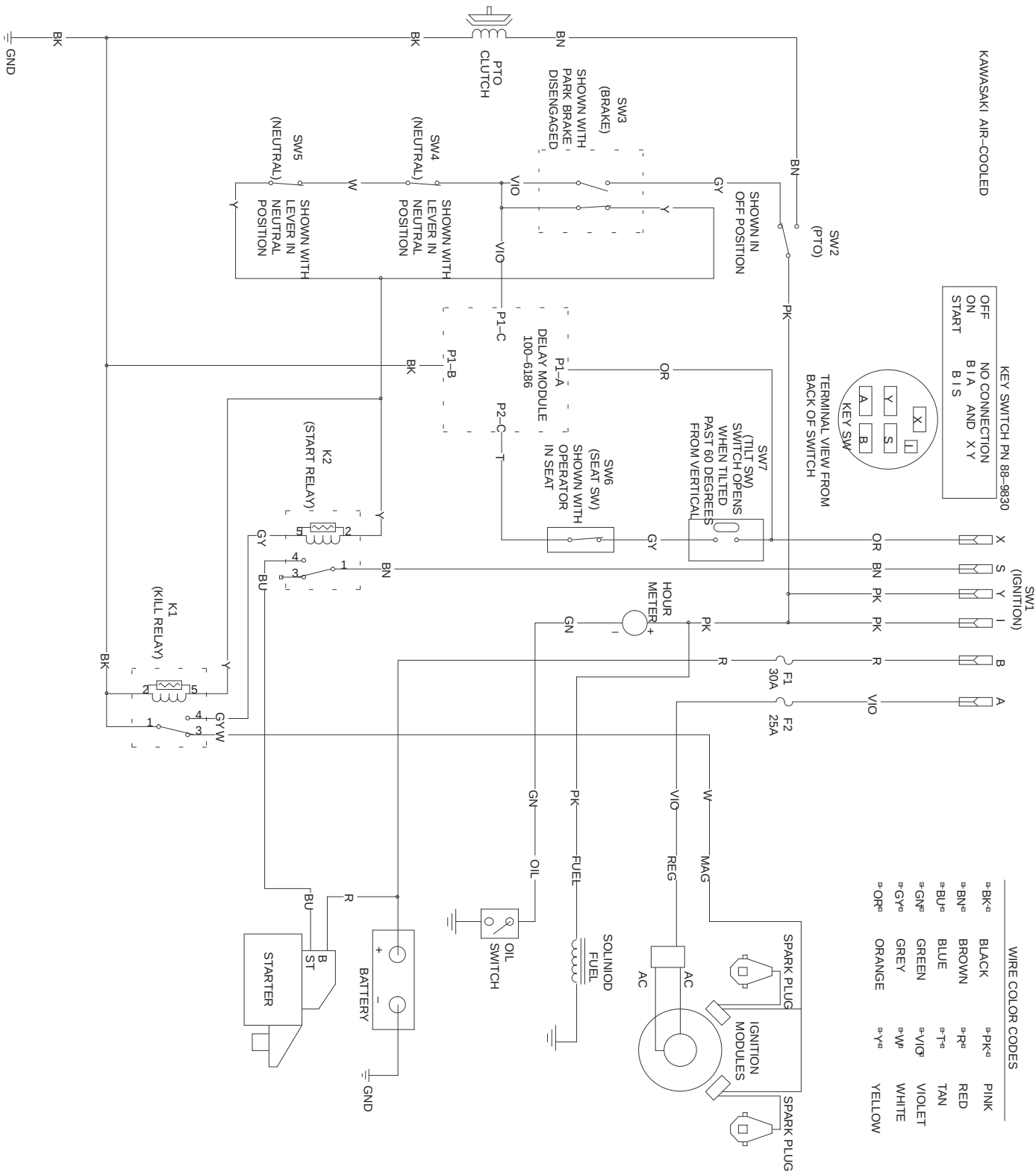
Sheet No.: 73

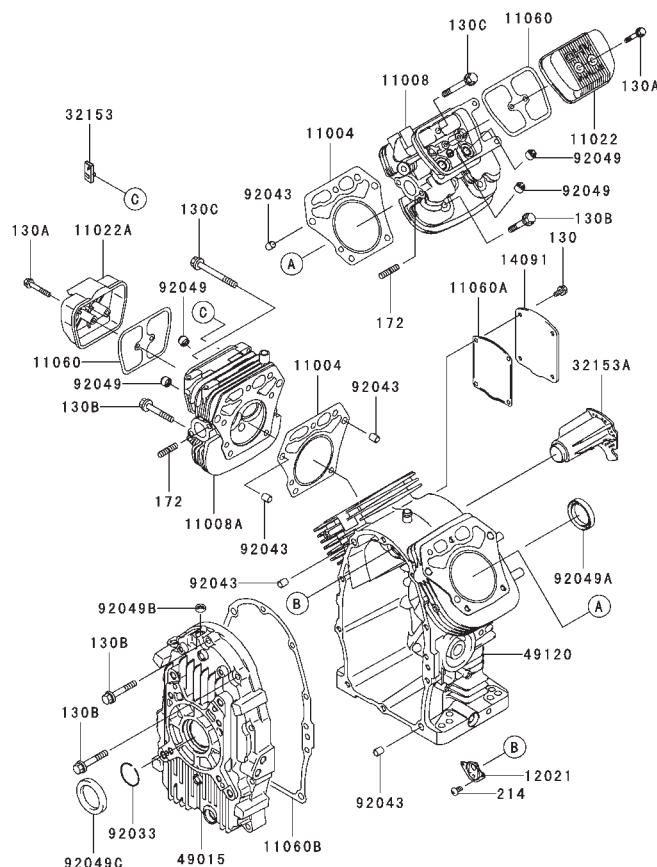
Belt and Idler Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	65-5940	1	Pulley-Idler
2	7-0081	1	Washer-Flat
3	3296-33	1	Nut-Lock, NI
4	3256-27	1	Washer-Flat
5	27-8580	1	Idler Socket & Bushing ASM
5:2	27-8490	1	Bushing-Rubber, Idler
6	65-5950	1	Bushing-Pulley
7	3211-8	1	Screw-HH
8	5-1077	1	Key-Square
9	3290-357	2	Nut-HHF
10	44-6300	1	Plate-Idler
11	3296-5	1	Nut-Lock, NI
12	57-0240	1	V-Belt
13	99-4627	1	V-Belt
19	99-5156-03	1	Baffle-Front, LH
20	93-3215-03	1	Baffle-Front, RH
21	3230-18	8	Screw-CARR
22	32128-20	8	Nut-HF

Ref. No.	Part No.	Qty.	Description

Electrical Schematic





Cylinder/Crankcase Assembly Kawasaki FH721D-AS05

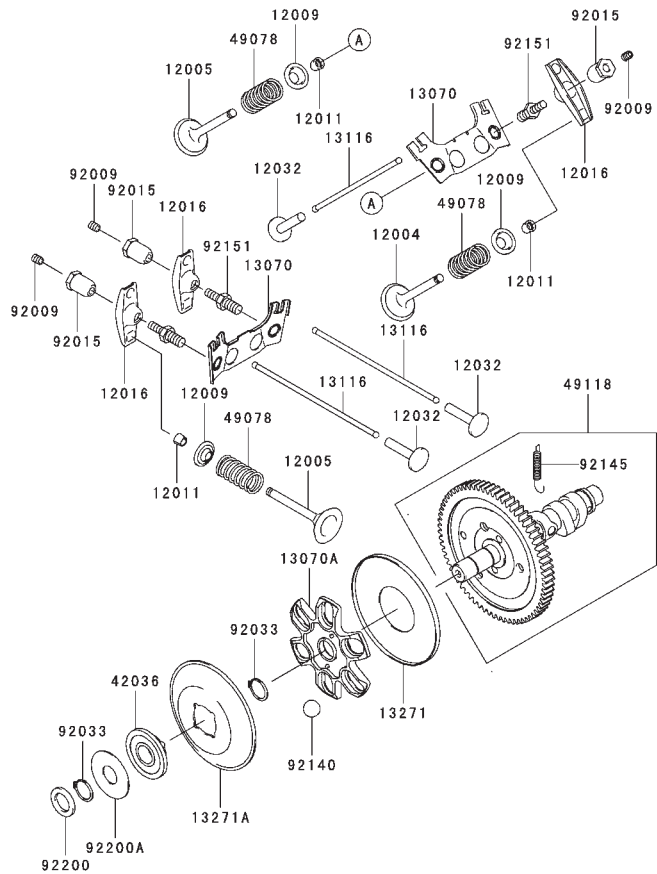
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11004	11004-7004	2	Gasket-Head	130A	130B0640	4	Bolt-Flanged
11008	11008-7004	1	Head-Comp	130B	130T0850	18	Bolt-Flanged
11008A	11008-7007	1	Head-Comp	130C	130T0875	2	Bolt-Flanged
11022	11022-7002	1	Case-Rocker	172	172G0818	4	Bolt-Stud
11022A	11022-7004	1	Case-Rocker	214	214B0408	2	Screw-Pan
11060	11060-7013	2	Gasket-Rocker, Case				
11060A	11060-7014	1	Gasket-Breather				
11060B	11060-7023	1	Gasket-Crankcase				
12021	12021-7002	1	Reed Valve ASM				
14091	14091-7004	1	Cover				
32153	32153-7003	1	Pipe				
32153A	32153-7004	1	Pipe				
49015	49015-6234	1	Cover-Crankcase				
49120	49120-6135	1	Crankcase-Comp				
92033	92033-7004	1	Ring-Snap				
92043	92043-7001	6	Pin				
92049	92049-7001	4	Seal-Oil				
92049A	92049-7002	1	Seal-Oil				
92049B	92049-7005	1	Seal-Oil				
92049C	92049-7007	1	Seal-Oil				
130	130B0612	4	Bolt-Flanged				
130A	130B0640	4	Bolt-Flanged				

Obtain Parts From Kawasaki



Ref. No.	Part No.	Qty.	Description

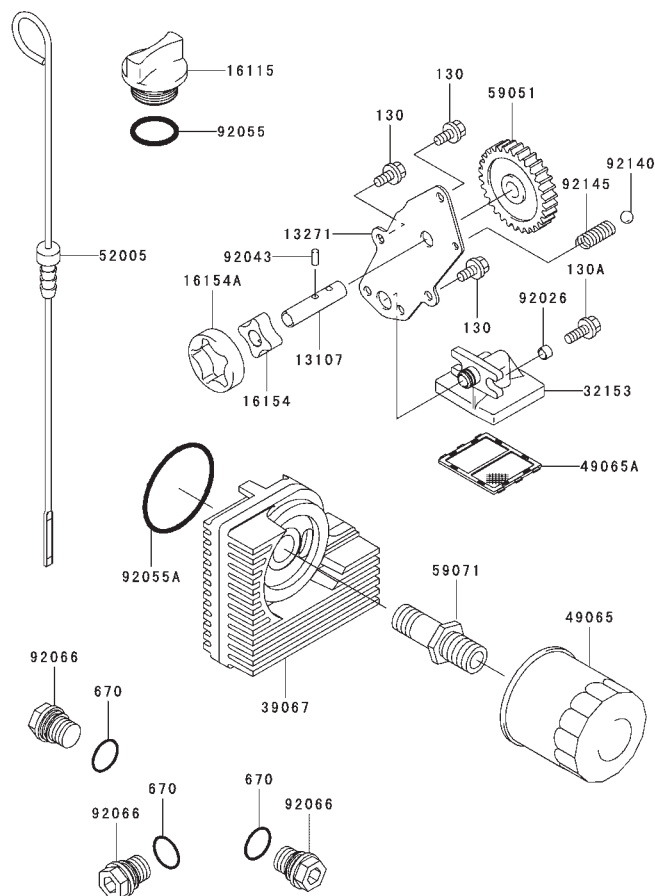
Obtain Parts From Kawasaki



**Valve/Camshaft Assembly
Kawasaki FH721D-AS05**

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	12016-7006	4	Arm-Rocker				
12032	12032-7001	4	Tappet				
13070	13070-7007	2	Guide				
13070A	13070-7008	1	Arm-Rocker				
13116	13116-7002	4	Rod-Push				
13271	13271-7007	1	Plate				
13271A	13271-7021	1	Plate				
42036	42036-7001	1	Sleeve				
49078	49078-7002	4	Spring-Engine Valve				
49118	49118-7007	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	92151-7019	4	Bolt				
92200	92200-7001	1	Washer				
9200A	92200-7009	1	Washer				

Obtain Parts From Kawasaki



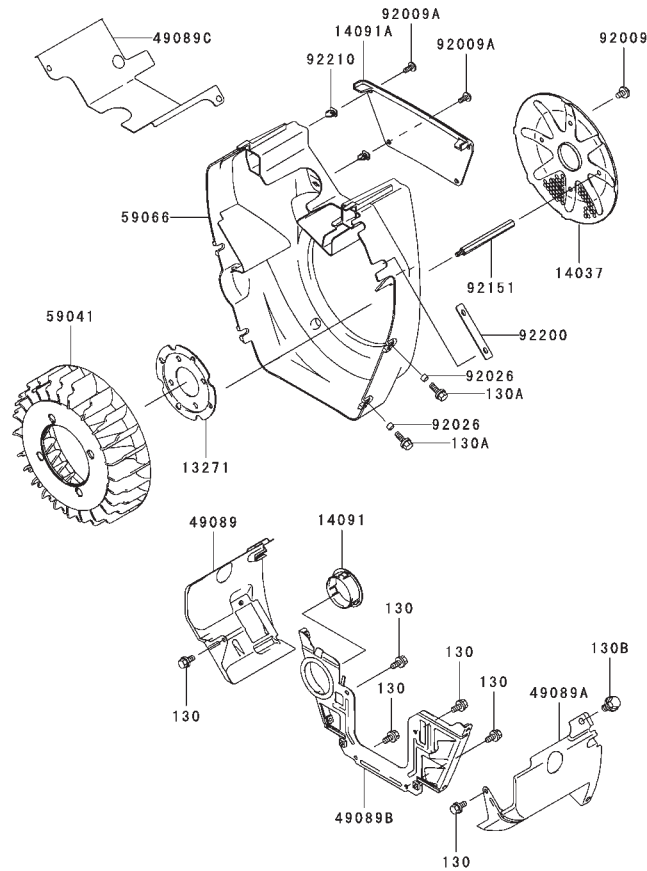
Lubrication Equipment Assembly

Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
13107	13107-7009	1	Shaft
13271	13271-7014	1	Plate
16115	16115-7001	1	Cap-Oil Filter
16154	16154-2053	1	Rotor-Pump, In
16154A	16154-2054	1	Rotor-Pump, Out
32153	32153-7002	1	Pipe
39067	39067-7001	1	Cooler-Oil
49065	49065-2078	1	Filter-Oil
49065A	49065-7005	1	Filter-Oil
52005	52005-7003	1	Guage
59051	59051-7004	1	Gear-Spur
59071	59071-7009	1	Joint
92026	92026-7001	2	Spacer
92043	92043-7003	1	Pin
92055	92055-7004	1	O-Ring
92055A	92055-7006	1	O-Ring
92066	92066-7003	3	Plug
92140	92140-7003	1	Ball
92145	92145-7002	1	Spring
130	130B0612	3	Bolt-Flanged
130A	130B0616	2	Bolt-Flanged
670	670D2016	3	O-Ring, 16mm

Ref. No.	Part No.	Qty.	Description

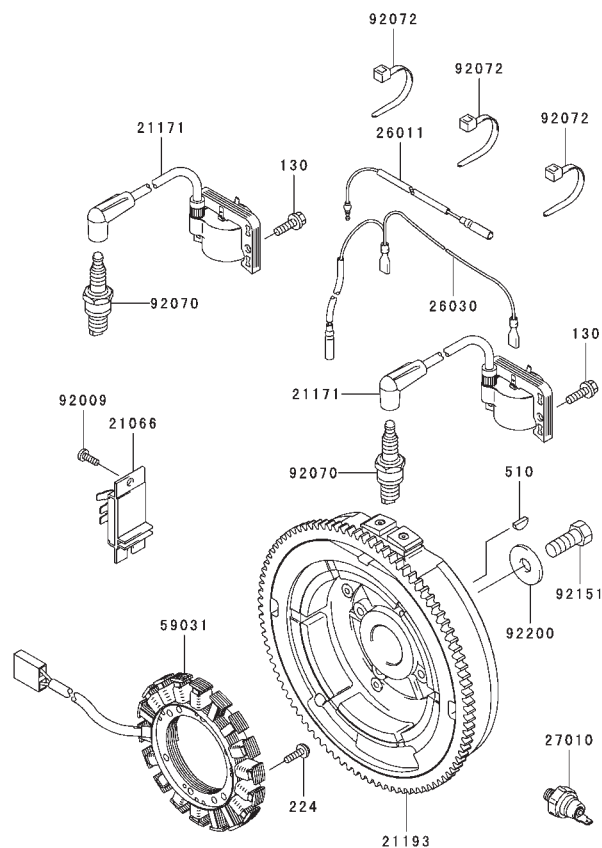
Obtain Parts From Kawasaki



Cooling Equipment Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13271	13271-7015	1	Plate				
14037	14037-7014	1	Screen				
14091	14091-7002	1	Cover				
14091A	14091-7005	1	Cover				
49089	49089-7004	1	Shroud-Engine				
49089A	49089-7005	1	Shroud-Engine				
49089B	49089-7015	1	Shroud-Engine				
49089C	49089-7019	1	Shroud-Engine				
59041	59041-7004	1	Fan				
59066	59066-7005	1	Housing-Fan				
92009	92009-7008	4	Screw				
92009	92009-7009	4	Screw				
92026	92026-7001	4	Spacer				
92151	92151-7018	4	Bolt				
92200	92200-7011	1	Washer				
92210	92210-7011	4	Nut				
130	130B0612	2	Bolt-Flanged				
130A	130B616	4	Bolt-Flanged				
130B	130B0816	2	Bolt-Flanged				

Obtain Parts From Kawasaki

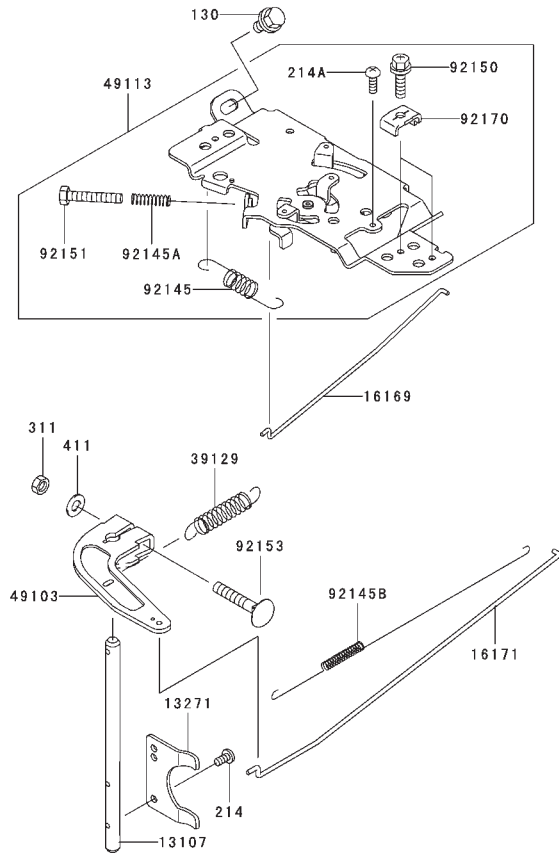


Electric Equipment Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
21066	21066-7003	1	Regulator-Voltage
21171	21171-7001	2	Ignition Coil ASM
21193	21193-7014	1	Flywheel ASM
26011	26011-7008	1	Wire-Lead
26030	26030-7002	1	Harness
27010	27010-7001	1	Switch
59031	59031-7001	1	Coil-Charging
92009	92009-2308	1	Screw
92070	92070-7004	2	Plug-Spark
92072	92072-7003	3	Band
92151	92151-2097	1	Bolt
92200	92200-7002	1	Washer
130	130B0620	4	Bolt-Flanged
224	224B0520	4	Screw-Pan
510	510A5100	1	Key-Woodruff

Ref. No.	Part No.	Qty.	Description

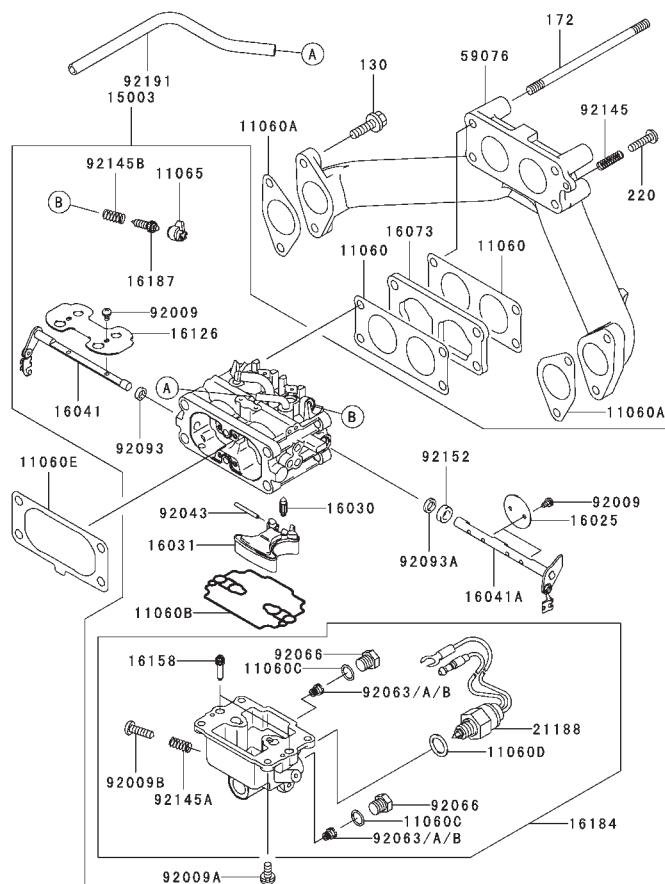
Obtain Parts From Kawasaki



Control Equipment Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13107	13107-7011	1	Shaft				
13271	13271-7018	1	Plate				
16169	16169-7008	1	Link-Choke				
16171	16171-7005	1	Link				
39129	39129-7004	1	Spring-Governor				
49103	49103-7004	1	Arm-Governor				
49113	49113-7015	1	Panel-Comp-Control				
92145	92145-7004	1	Spring				
92145A	92145-7005	1	Spring				
92145B	92145-7014	1	Spring				
92150	92150-2182	2	Bolt				
92151	92151-7014	1	Bolt				
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				
311	311B0600	1	Nut-Hex				
411	411B0600	1	Washer				

Obtain Parts From Kawasaki

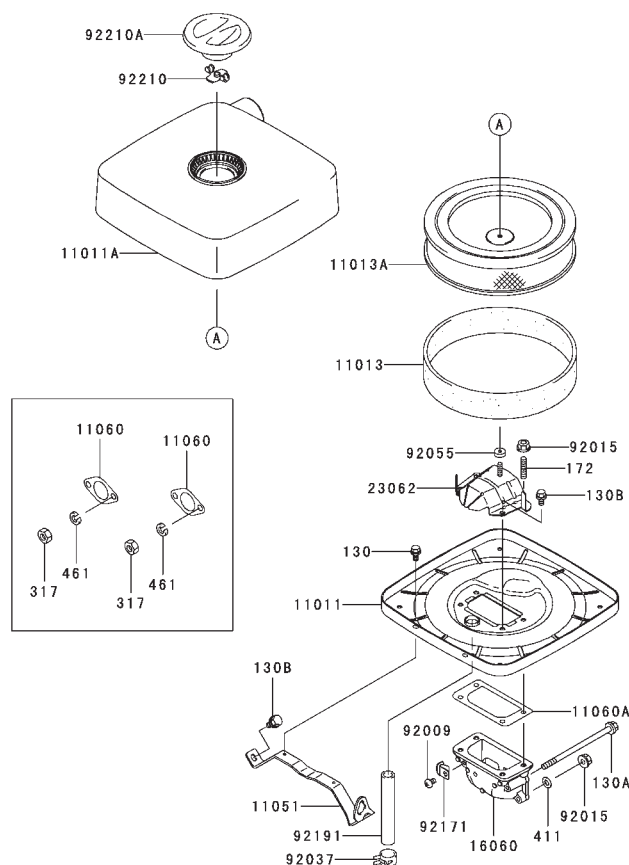


Carburetor Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
11060	11060-7010	2	Gasket-Carburetor
11060A	11060-7011	2	Gasket-Manifold
11060B	11060-7018	1	Gasket-Float Chamber
11060C	11060-7019	2	Gasket-Main Plug
11060D	11060-7020	1	Gasket-Solenoid
11060E	11060-7025	1	Gasket-Air Filter
11065	11065-7004	2	Cap-Limiter
15003	15003-7042	1	Carburetor ASM
16025	16025-7002	2	Valve-Throttle
16030	16030-7002	1	Valve-Float
16031	16031-7001	1	Float
16041	16041-7011	1	Shaft-Carburetor
16041A	16041-7012	1	Shaft-Carburetor
16073	16073-7003	1	Insulator
16126	16126-7004	1	Valve-Choke
16158	16158-7003	2	Jet-Slow #56
16184	16184-7005	1	Float Chamber ASM
16187	16187-7003	2	Needle-Jet
21188	21188-7001	1	Solenoid
59076	59076-7003	1	Manifold-Intake
92009	92009-7003	6	Screw
92009A	92009-7005	4	Screw
92009B	92009-7006	1	Screw-Drain
92043	92043-7004	2	Pin-Float

Ref. No.	Part No.	Qty.	Description
92063	92063-7012	2	Jet-Main #108
92063A	92063-7013	2	Jet-Main #105
92063B	92063-7014	2	Jet-Main #102
92066	92066-7008	2	Plug-Main Jet
92093	92093-7001	1	Seal
92093A	92093-7002	1	Seal
92145	92145-7005	1	Spring
92145A	92145-7011	1	Spring
92145B	92145-7013	2	Spring
92152	92152-7002	1	Collar
92191	92191-7010	1	Tube
130	130B0620	4	Bolt-Flanged
172	172G06105	2	Bolt-Stud
220	220B0520	1	Screw-Pan

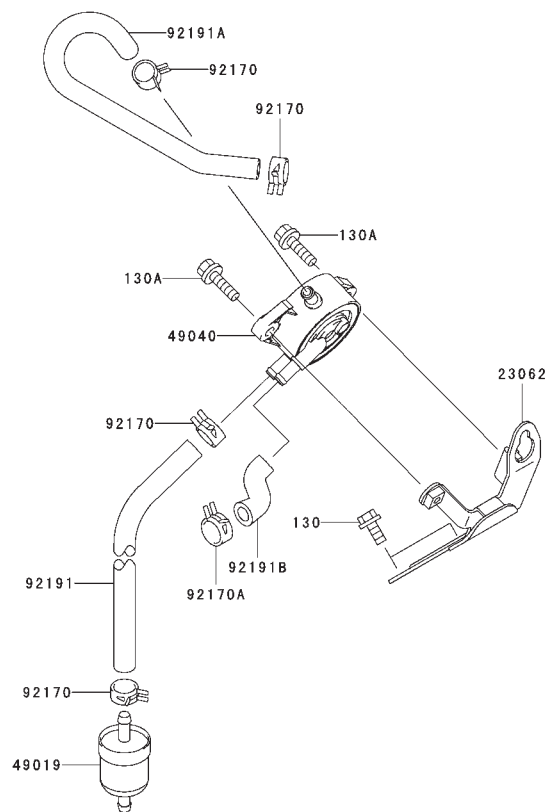
Obtain Parts From Kawasaki



Air Filter/Muffler Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
11011	11011-7004	1	Case-Air Filter
11011A	11011-7005	1	Case-Air Filter
11013	11013-7007	1	Element-Air Filter
11013A	11013-7011	1	Element-Air Filter
11051	11051-7007	1	Bracket
11060	11060-7016	2	Gasket-Muffler
11060A	11060-7022	1	Gasket-A/C Case
16060	16060-7002	1	Pipe-Intake
23062	23062-7006	1	Bracket-Comp
92009	92009-2166	1	Screw
92015	92015-1193	4	Nut
92037	92037-2079	1	Clamp
92055	92055-7005	1	O-Ring
92171	92171-7003	1	Clamp
92191	92191-7020	1	Tube
92210	92210-7004	1	Nut
92210A	92210-7010	1	Nut
130	130B0510	2	Bolt-Flanged
130A	130B0615	2	Bolt-Flanged
130B	130B0612	4	Bolt-Flanged
172	172G0612	2	Bolt-Stud
317	317R0800	4	Nut-Hex
411	411B0600	1	Washer
461	461F0800	4	Washer-Spring

Obtain Parts From Kawasaki

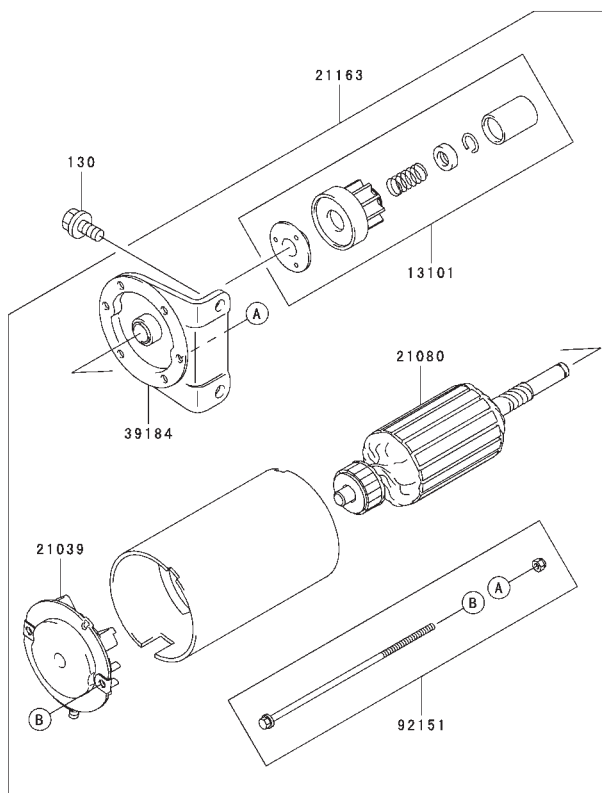


Fuel Tank/Fuel Valve Assembly
Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
23062	23062-7004-9H	1	Bracket-Comp
49019	49019-7001	1	Filter-Fuel
49040	49040-7001	1	Pump-Fuel
92170	92170-2088	4	Clamp
92170A	92170-7003	4	Clamp
92191	92191-7003	1	Tube
92191A	92191-7012	1	Tube
92191b	92191-7019	1	Tube
130	130B0616	2	Bolt-Flanged
130A	130B0620	2	Bolt-Flanged

Ref. No.	Part No.	Qty.	Description

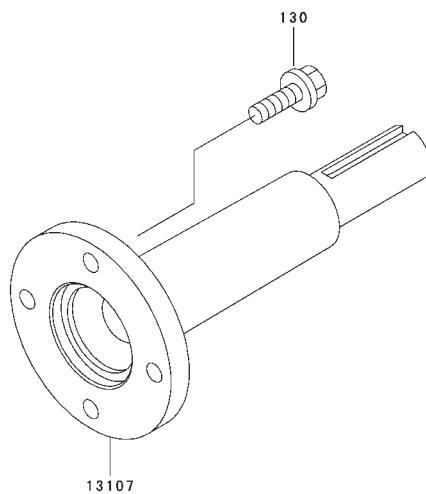
Obtain Parts From Kawasaki



Starter Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
13101	13101-7001	1	Gear ASM
21039	21039-7001	1	Brush
21080	21080-7001	1	Armature
211636	21163-7001	1	Starter-Electric
39184	39184-7001	1	Bracket ASM
92151	92151-7013	1	Bolt
130	130B0816	2	Bolt-Flanged

Obtain Parts From Kawasaki



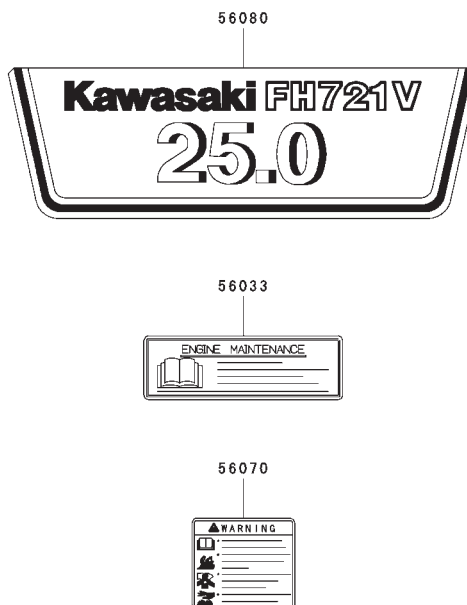
P.T.O. Equipment Assembly

Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
13107 130	13107-7014 130B0825	1 4	Shaft Bolt-Flanged

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kawasaki



Label Assembly Kawasaki FH721D-AS05

Ref. No.	Part No.	Qty.	Description
56033	56033-7001	1	Label-Manual
56070	56070-7001	1	Label-Warning
56080	56080-7013	1	Label-Brand

Obtain Parts From Kawasaki

