Form No. 3324-988

Z283L

Z-Master® with 62" Side Discharge Mower

Model No. 74216-210000001 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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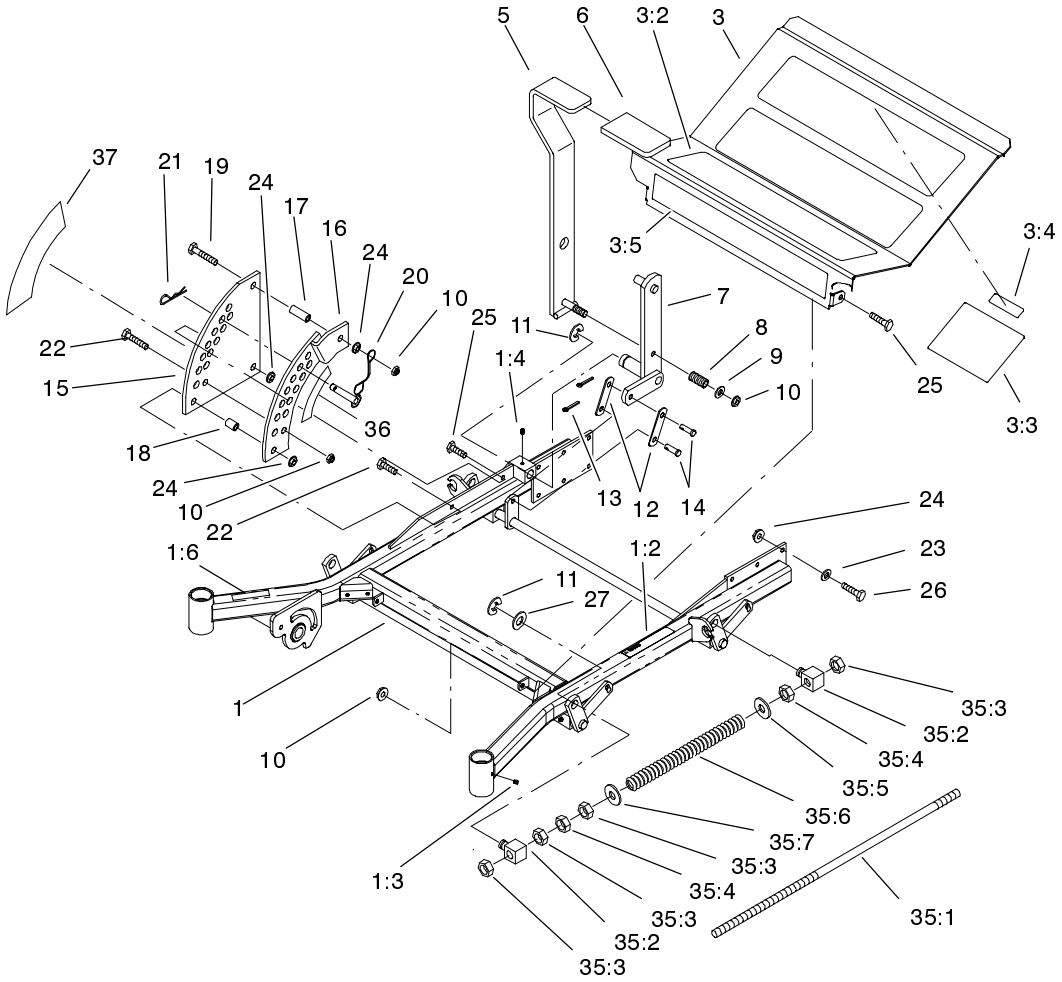
Accessories

Description	Model / Part No.
Seat-Suspension, High	99-8522
ZRT Foot Lift Assist	100-4336
ROPS Kit	99-4649
Hitch Kit	99-8925
Blade Assembly-Atomic 21.5	104-1303
62” / 72” Striping Kit	100-3252

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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



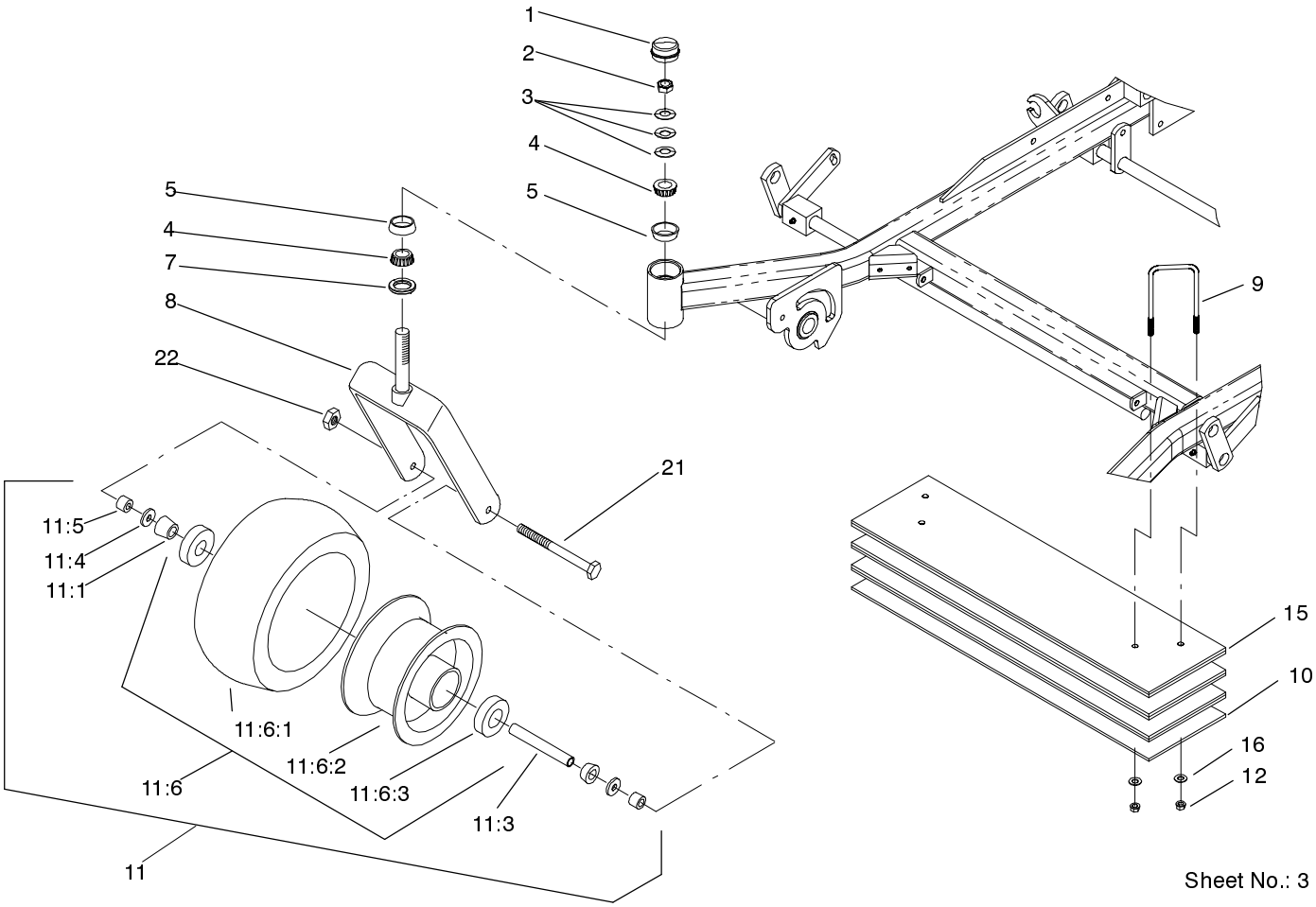
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Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	104-5132	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
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	1-632324-03	1	Lever-Lift
6	1-633295	1	Grip-Lever, Lift
7	1-632219-03	1	Arm-Lift, Deck
8	1-633325	1	Spring-Compression
9	3256-24	1	Washer-Flat
10	3296-39	5	Nut-Lock, Nl
11	32151-103	5	Ring-Snap
12	1-633068	2	Arm-Lift, Deck
13	3272-10	2	Pin-Cotter
14	1-808284	2	Pin-Clevis
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-Cotter, Hair
22	323-9	2	Screw-HH
23	98-5975	12	Washer-Belleville
24	3290-357	15	Nut-Flange, Lock
25	323-6	3	Screw-HH
26	323-7	12	Screw-HH
27	3256-29	4	Washer-Flat
☆35		2	ASM,Spring Front Frame
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

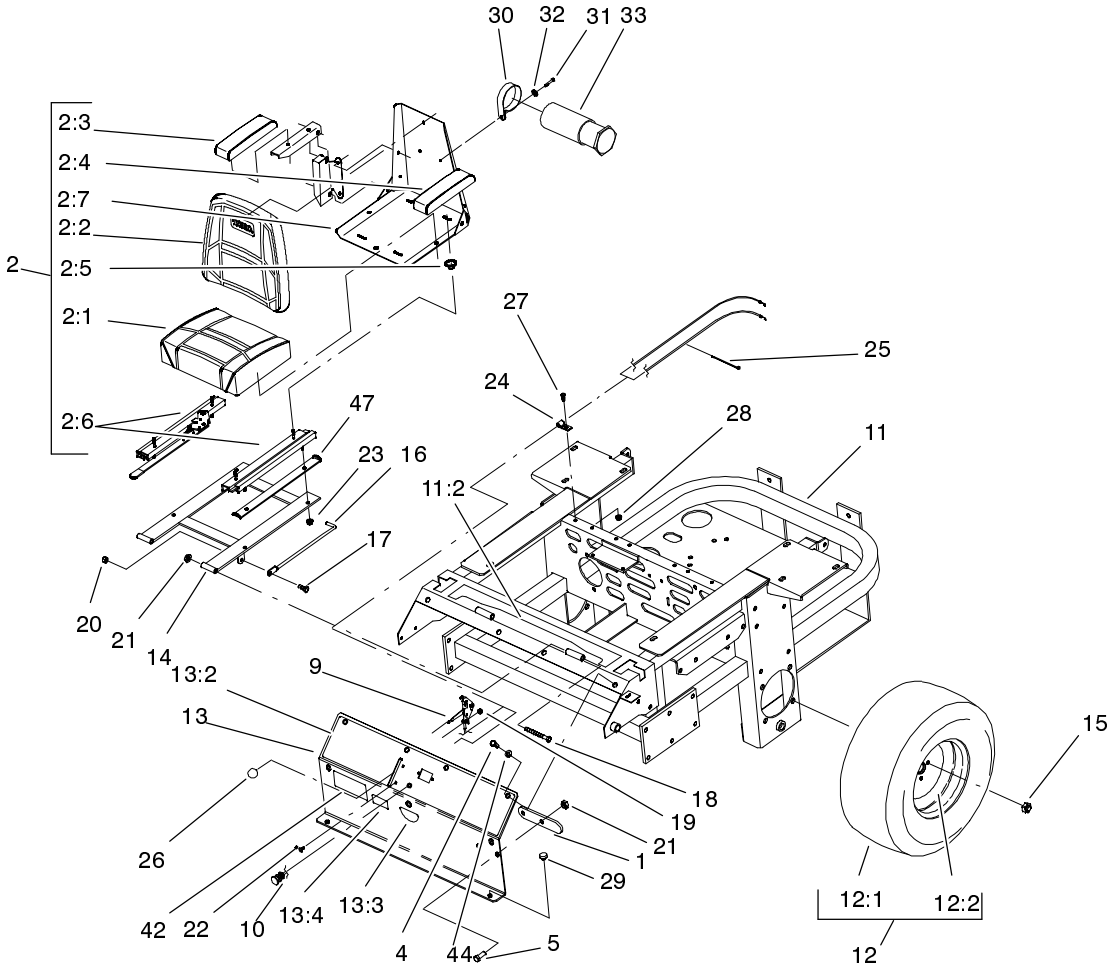


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Caster and Wheel Assembly

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-Taper/Cone
5	254-72	4	Bearing-Taper/Cup
7	1-543511	2	Seal-Grease
8	1-642111-01	2	Caster
9	100-2339	2	U-Bolt
10	100-2333-01	1	Bar - Weight
11	1-644251	2	Caster Wheel ASM
11:1	1-633585	2	Bearing-Cone, Tapered
11:3	1-633959	1	Spacer-Caster, Front
11:4	1-633580	2	Seal-Bearing
11:5	1-633581	2	Spacer-Bearing
11:6		1	Wheel & Tire ASM
11:6:1	1-523009	1	Tire
11:6:2	1-633987	1	Wheel
11:6:3	1-633584	2	Bearing-Cup
12	3296-39	4	Nut-Lock, NI
15	99-4646-01	3	Weight Bar ASM
16	3256-4	4	Washer-Flat
21	325-24	2	Screw-HH
22	3296-45	2	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description



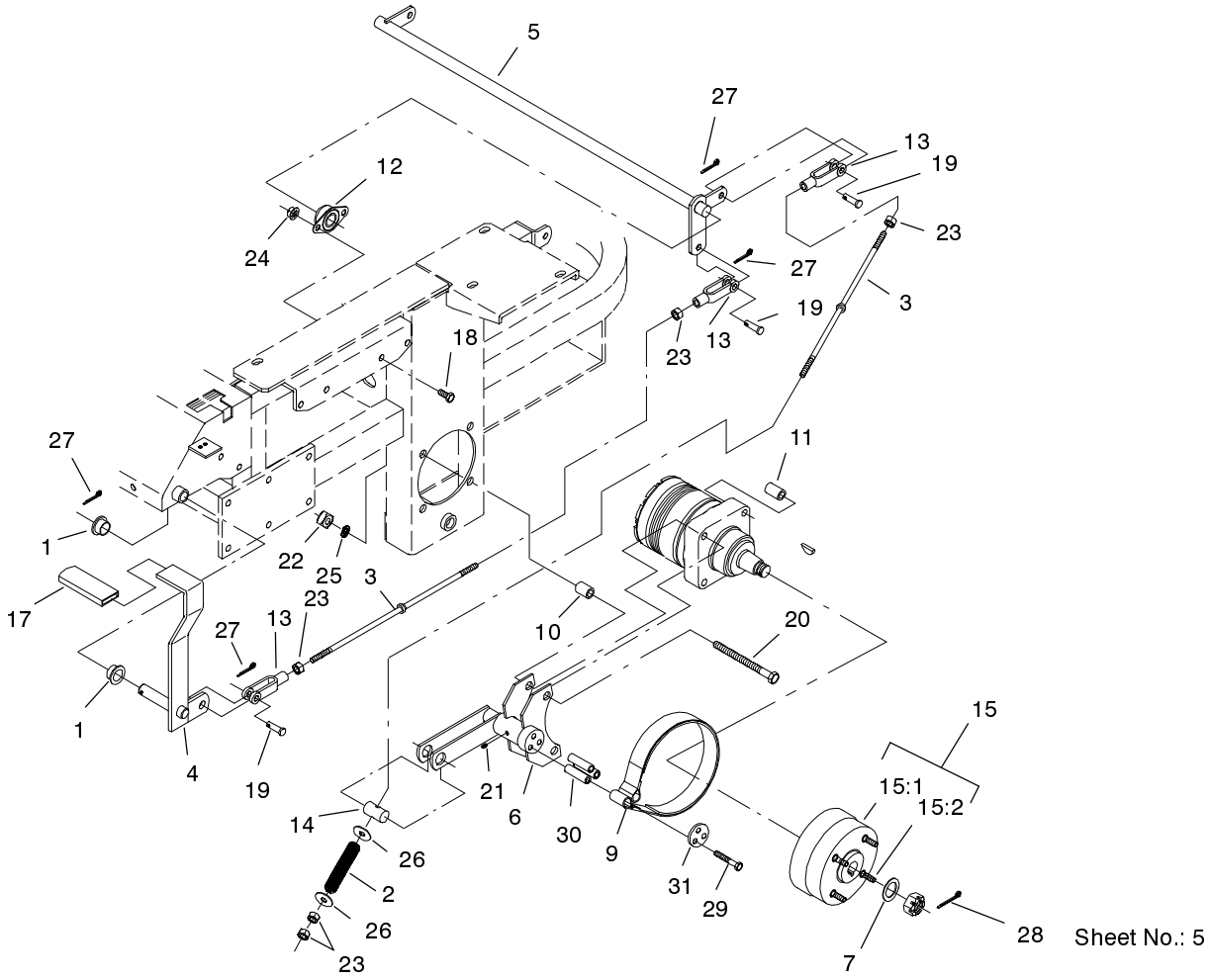
Sheet No.: 4

C-2890

Rear Frame and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633964-03	1	Stop-Brake, Park
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
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	100-4261	1	Rear Frame ASM
11:2	103-0245	1	Decal-Console, Top
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
14	1-632187-03	1	Frame - Seat
15	242-50	8	Nut - Lug
16	1-633293	1	Rod-Holdup, Seat
17	322-5	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
18	323-39	2	Screw-HH
19	3296-2	2	Nut-Lock
20	3296-29	1	Nut-Lock
21	3296-39	4	Nut-Lock, NI
22	1-807513	2	Bolt-CARR
23	32128-20	4	Nut-HF
24	1-513762	1	Clip-Loom
25	1-303335	1	Tie-Plastic
26	1-513592	1	Knob-Ball, Red
27	321-4	1	Screw-HH
28	32128-33	1	Nut-HF
29	1-513658	2	Bumper-Catcher, Grass
30	2412-133	2	R-Clamp
31	32104-76	2	Screw
32	3256-16	2	Washer-Flat
33	74-0720	1	Tube-Manual
42	104-7793	1	Decal - Z283l
44	3256-23	6	Washer-Flat
47	1-633872-03	2	Stop-Seat

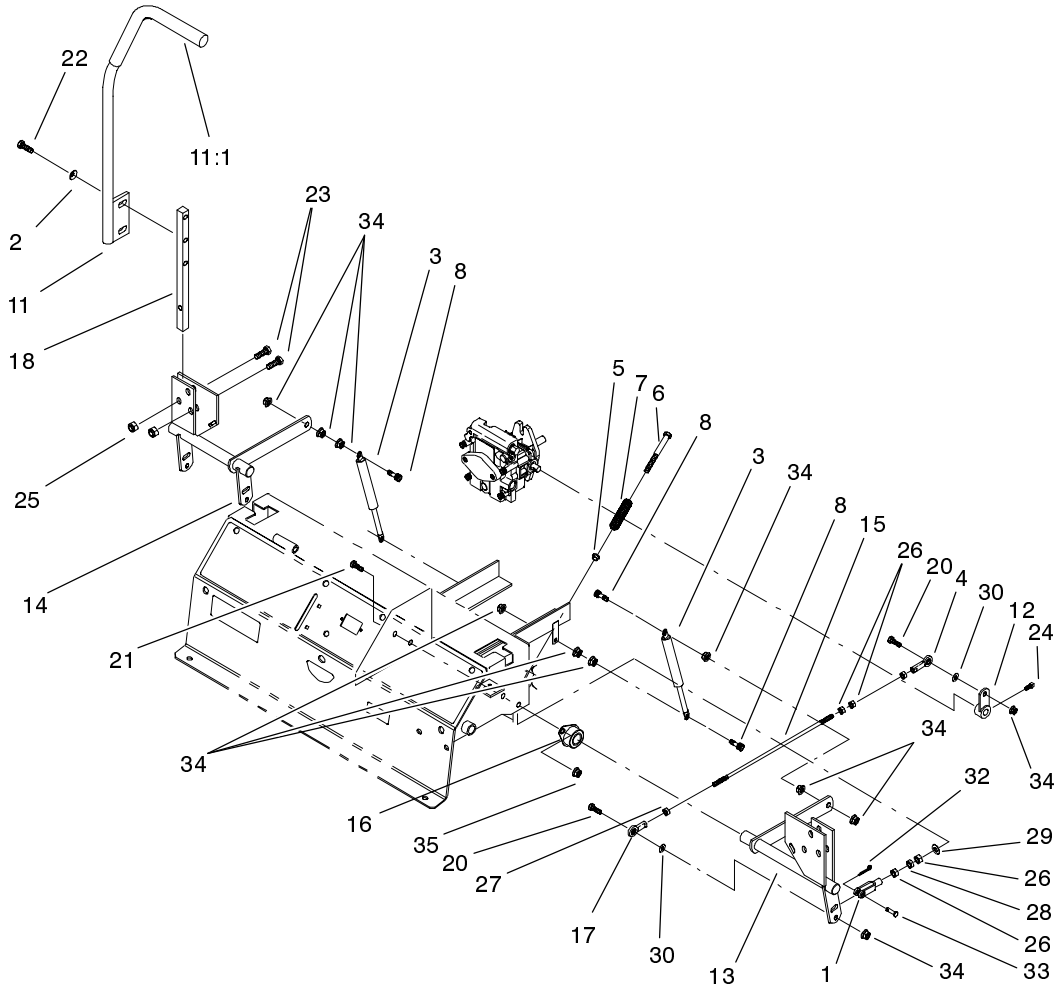


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Brake and Wheel Hub Assembly

Ref. No.	Part No.	Qty.	Description
1	1-513140	2	Bearing-Control
2	1-633454	2	Spring-Brake
3	1-633477	3	Rod-Brake
4	1-634500	1	Brake Lever/Grip ASM
5	1-632217-03	1	Shaft-Brake
6	103-0352-03	2	Bracket-Brake
7	1-523157	2	Washer-Spacer
9	103-0355	2	Band-Brake
10	1-633380	4	Spacer-Wheel, Short
11	1-633382	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 W/Studs
15:1	103-0589	1	Hub-Wheel
15:2	1-633926	4	Stud-Heel
17	1-633268	1	Grip-Lever, Brake
18	323-4	4	Screw-HH
19	1-808285	4	Pin-Clevis
20	325-17	8	Screw-HH
21	1481	2	Fitting-Grease
22	103-0131	8	Nut-Square
23	3219-3	8	Nut-HH
24	3290-357	4	Nut-Flange, Lock
25	3253-7	8	Washer-Lock
26	3256-4	4	Washer-Flat

Ref. No.	Part No.	Qty.	Description
27	3272-10	7	Pin-Cotter
28	1-806800	2	Pin-Cotter
29	322-9	6	Screw-HH
30	103-0384	6	Spacer
31	103-0374	2	Retainer-Band, Brake



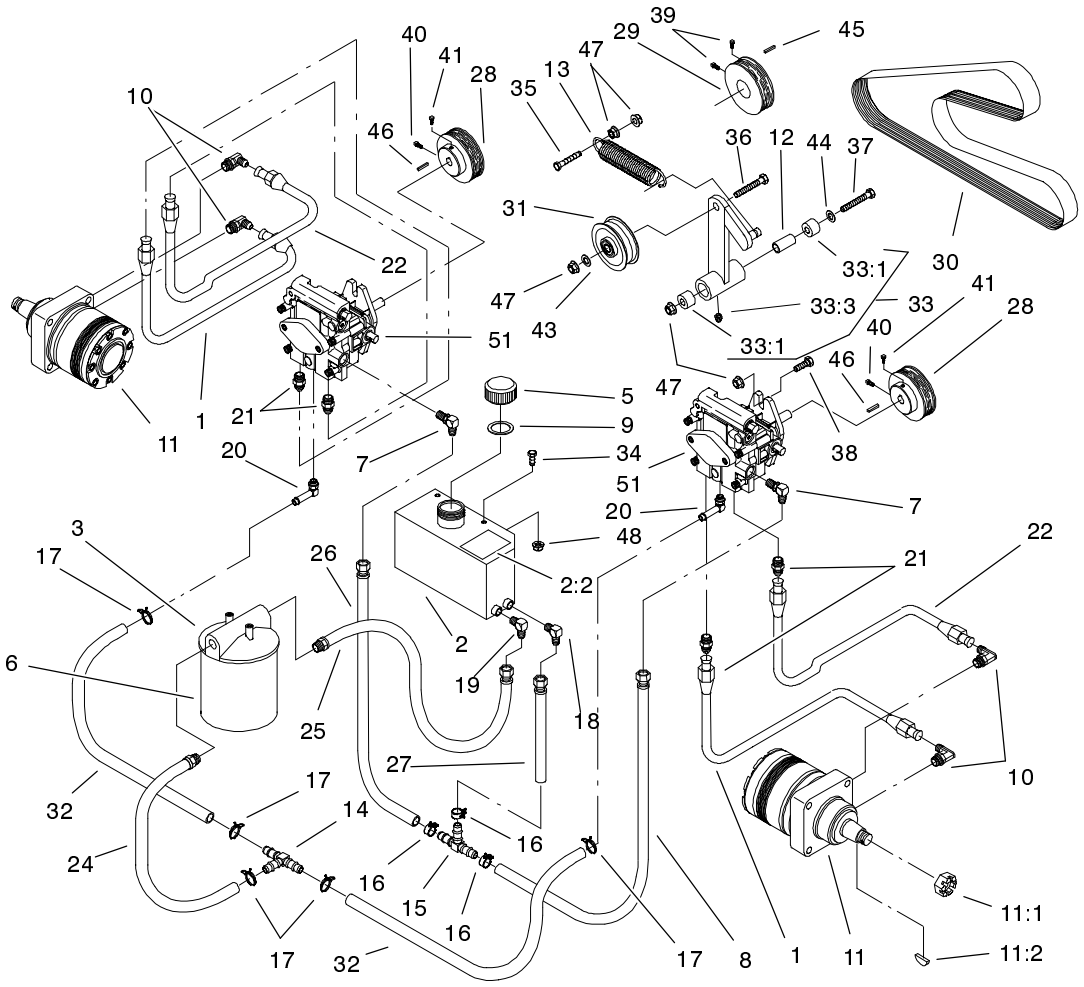
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Control Panel Assembly

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, Nylon
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/Grip ASM
11:1	1-633257	1	Grip-Control, Motion
12	1-632208	2	Wld,Pump Control Arm
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

Ref. No.	Part No.	Qty.	Description
27	3220-20	2	Nut-Jam
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-Flange, Lock
*37	103-0631	1	LH Lever/Grip ASM

* Not illustrated



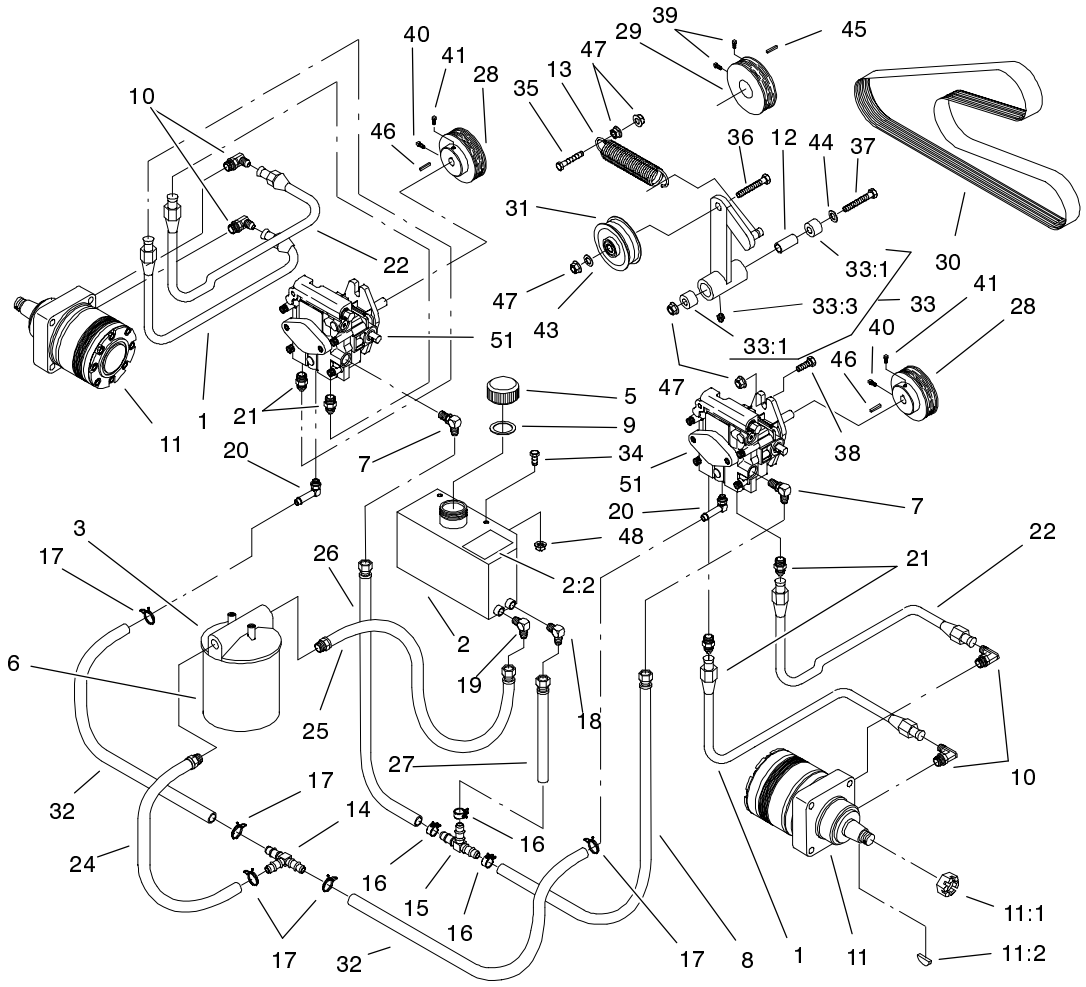
Sheet No.: 7

Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633774	2	Hose-Upper
2	99-4625	1	Hydraulic Tank ASM
2:2	1-523552	1	Decal-Tank, Hydraulic
3	1-513006	1	Filter-Head
5	1-513167	1	Cap
6	1-633750	1	Filter-Hydraulic
6	1-633752	1	Filter-Hydraulic, Winter
7	1-513840	2	Fitting-90 DEG
8	1-522217	1	Low Pressure Hose ASM
9	1-523103	1	Gasket-Cap, Tank
10	1-633786	4	Fitting-90 DEG
11	1-523328	2	Motor-Wheel
11:1	1-809036	1	Nut-HH
11:2	3257-42	1	Key-Woodruff
*11:99	1-000099	1	Kit-Seal
*11:99	1-000139	1	Kit-Bearing
12	1-603384	1	Bushing-Pivot, Idler
13	1-603413	1	Spring-Extension
14	1-603721	1	Fitting-Tee, Hose
15	1-603722	1	Fitting-Tee, Hose
16	1-603826	3	Clamp-Hose
17	1-603827	5	Clamp-Hose
18	1-603987	1	Fitting-Elbow
19	1-603988	1	Fitting-Elbow

Ref. No.	Part No.	Qty.	Description
20	1-603989	2	Fitting
21	1-603990	4	Fitting-Straight
22	1-633775	2	Hose-Lower
24	1-632281	1	Hose ASM
25	1-632282	1	Hose ASM
26	1-632285	1	Hose ASM
27	1-632286	1	Hose ASM
28	1-633568	2	Sheave
29	1-633567	1	Sheave
30	1-633749	1	Belt-Drive, Pump
31	1-633167	1	Sheave-Idler
32	1-633335	2	Hose-Pressure, Low
33	1-634277	1	Bearing Arm ASM
33:1	1-513034	2	Sleeve-Bearing
33:3	302-40	1	Fitting-Grease
34	321-4	2	Screw-HH
35	323-8	1	Screw-HH
36	323-9	1	Screw-HH
37	1-800805	1	Screw-HH
38	323-7	4	Screw-HH
39	1-803022	2	Screw
40	3242-6	2	Screw-Set, SQH
41	3242-4	2	Screw-Set, SQH
43	3256-3	1	Washer-Flat
44	3256-4	1	Washer-Flat
45	13-2840	1	Key-Square

* Not illustrated



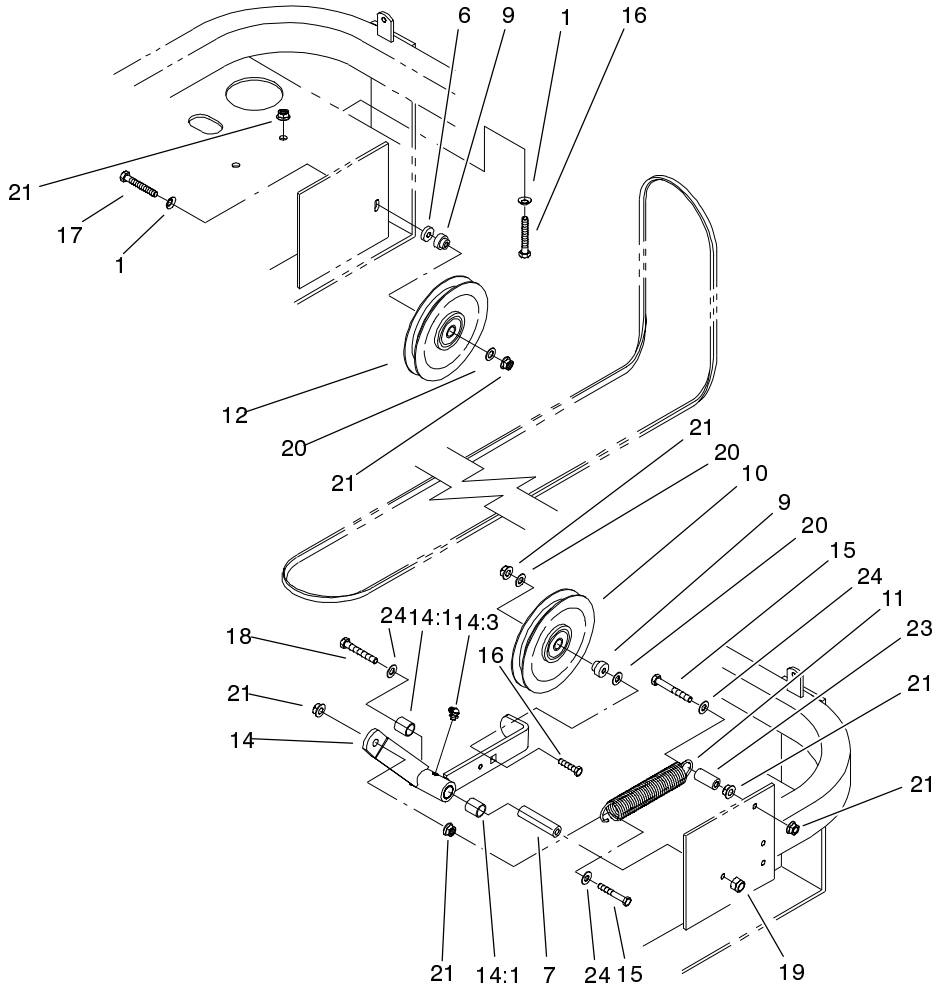
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Hydraulic System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
46	1-807272	2	Key-Machine
47	3290-357	8	Nut-Flange, Lock
48	32128-33	2	Nut-HF
51	1-603841	2	Pump-Hydraulic
*51	80-6130	1	Kit-Seal, Overhaul

Ref. No.	Part No.	Qty.	Description

* Not illustrated

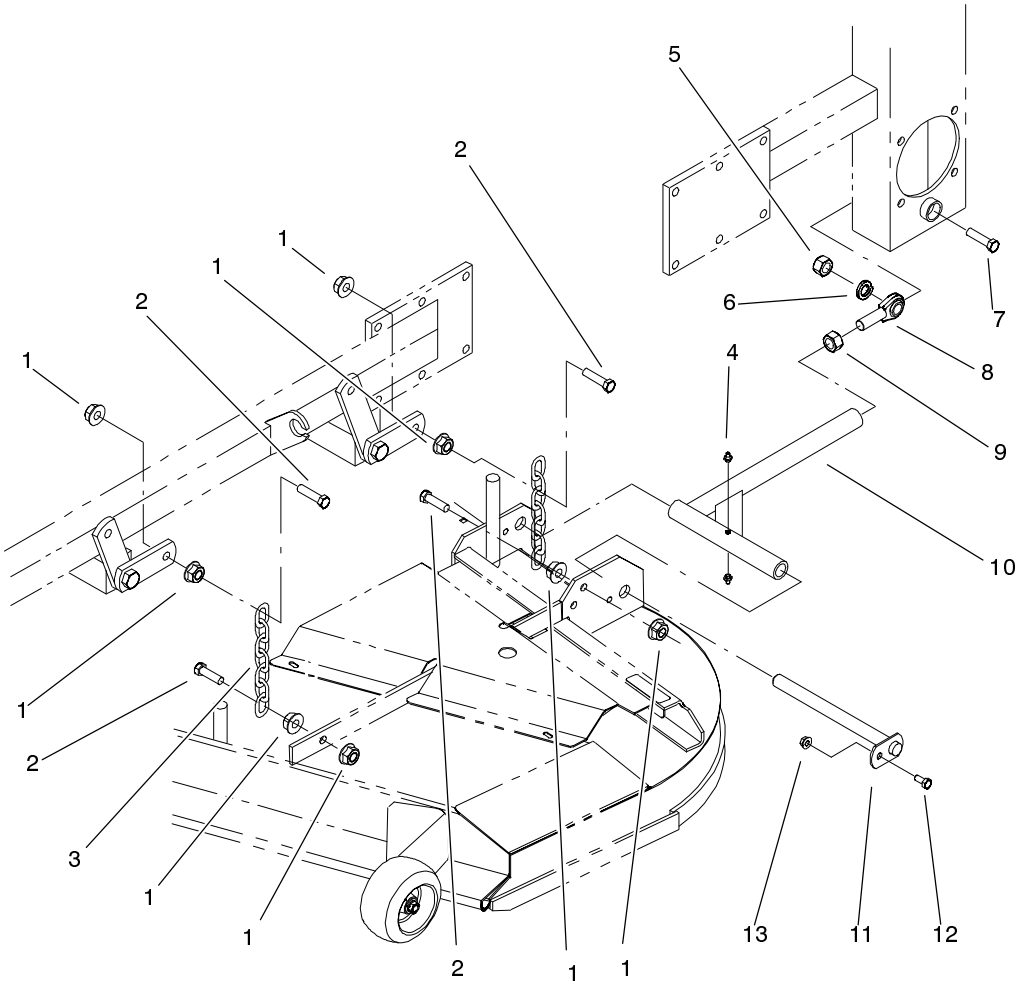


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Idler Assembly

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-Flange, Lock
23	1-603401	1	Spacer-Fender
24	3256-4	3	Washer-Flat

Ref. No.	Part No.	Qty.	Description

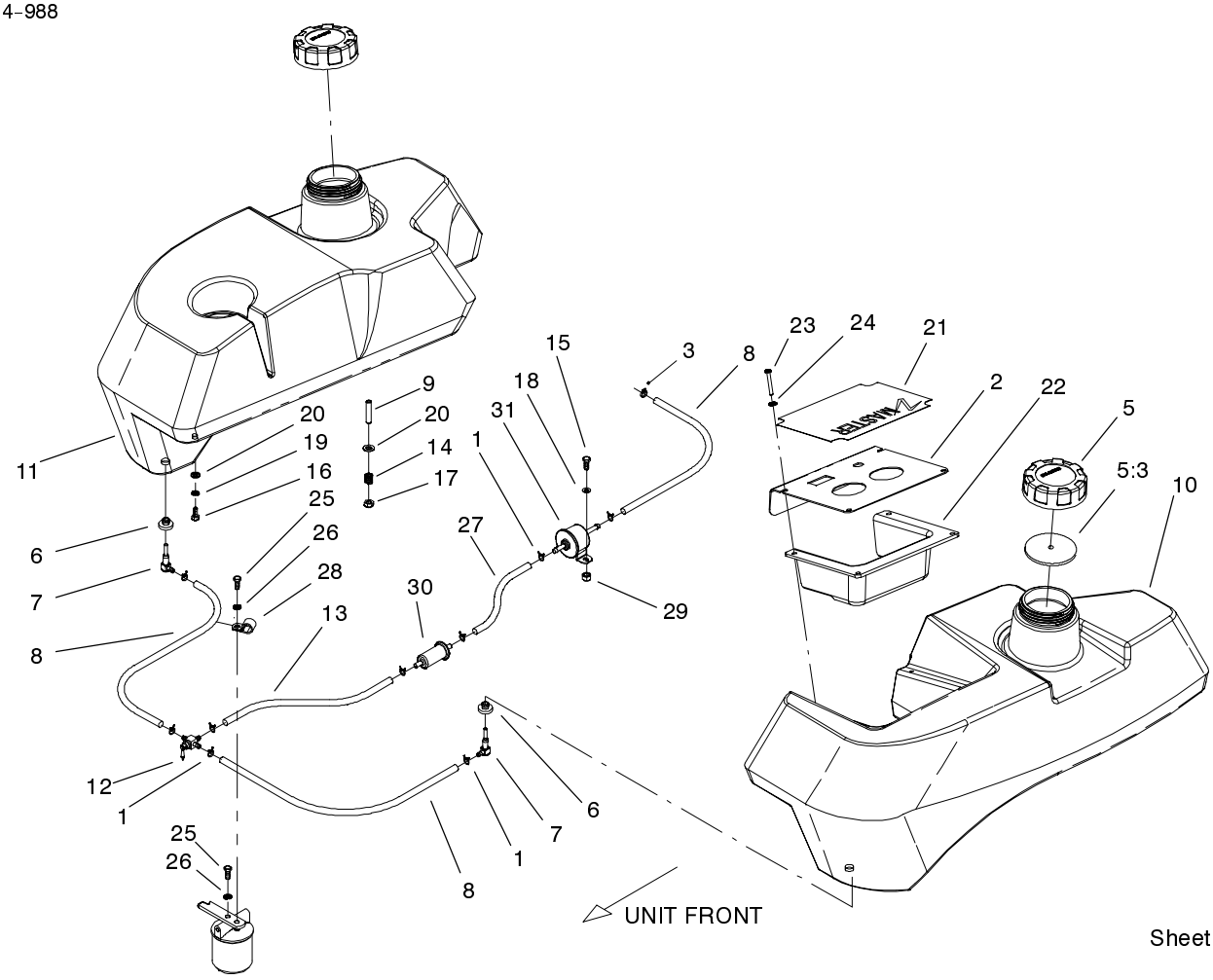


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Frame and Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	32128-37	16	Nut-HF
2	1-800811	8	Screw-Cap HH
3	1-633447	4	Chain-Lift, Deck
4	302-19	4	Fitting-Grease
5	3217-11	2	Nut-Hex
6	3253-8	2	Washer-Lock
7	327-11	2	Screw-HH
8	1-633029	2	Balljoint-Spherical
9	3219-6	2	Nut-Hex
10	103-1072-01	2	Strut-Deck
11	1-632199-01	2	Pin-Strut, Deck
12	322-3	2	Screw-HH
13	3296-29	2	Nut-Lock

Ref. No.	Part No.	Qty.	Description



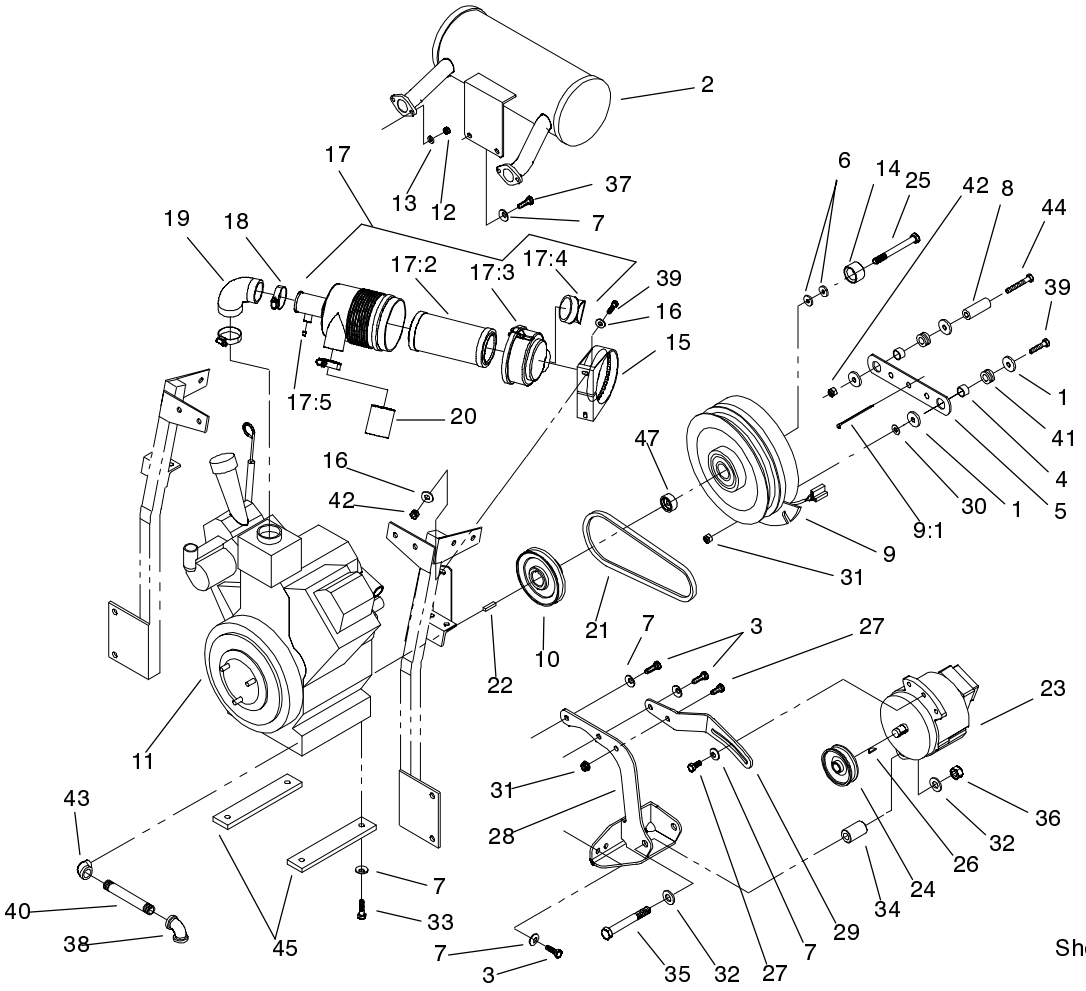
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Tank and Fuel Lines Assembly

Ref. No.	Part No.	Qty.	Description
1	1-303077	9	Clamp-Line, Fuel
2	99-4617-03	1	Panel-Control
3	1-303308	1	Clamp-Hose
5	88-3980	2	Gas Cap ASM
5:3	88-4010	1	Gasket-Cap, Gas
6	1-513645	2	Bushing-Valve, Fuel
7	1-543277	2	Elbow-Tank, Fuel
8	1-543456	3	Hose-Fuel
9	1-633023	6	Stud
10	104-5100	1	Tank-Fuel, LH
11	104-5101	1	Tank-Fuel, RH
12	1-633347	1	Valve-Fuel
13	1-303426	1	Hose-Fuel Line
14	1-633349	6	Spring-Tank, Fuel
15	321-4	2	Screw-HH
16	322-3	2	Screw-HH
17	3296-47	6	Nut-Lock, NI
18	3256-2	2	Washer-Flat
19	3253-4	2	Washer-Lock
20	3256-23	8	Washer-Flat
21	99-4612	1	Decal-Control Panel
22	99-4940	1	Shield-Panel, Control
23	1-803071	4	Screw
24	1-303435	4	Washer-Spring
25	321-3	2	Screw-HH
26	3253-3	2	Washer-Lock

Ref. No.	Part No.	Qty.	Description
27	1-643270	1	Hose-Fuel
28	1-513762	1	Clip-Loom
29	32128-33	2	Nut-HF
‡30	49019-1055	1	Filter-Fuel, Kawasaki
‡31	49040-2065	1	Pump-Fuel, Kawasaki

‡ Obtain locally.



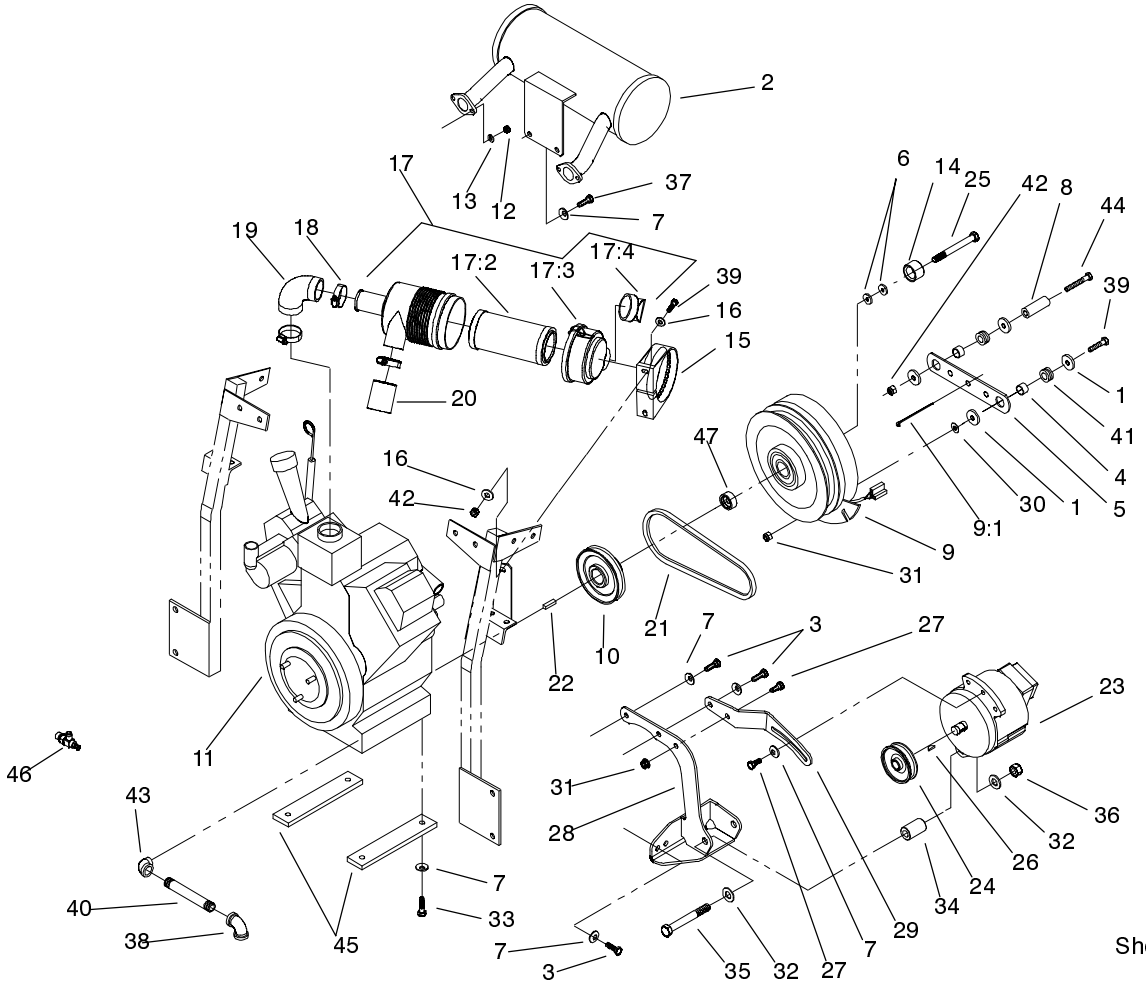
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Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	1-613235	4	Washer
2	1-633832	1	Muffler
3	33114-025	4	Screw-HH
4	1-633545	2	Spacer-Grommet
5	1-633543-03	1	Strap-Clutch, Brake
6	1-603610	2	Washer-Spring
7	1-303334	11	Washer-Spring
8	1-643008	1	Spacer-Anchor, Clutch
9	103-0665	1	Clutch ASM
9:1	1-303335	1	Tie-Plastic
10	1-633841	1	Sheave W/Hub
☆11		1	Engine-Kawasaki, Fd661d As03
12	33013-00	4	Nut-Hex
13	3253-3	4	Washer-Lock
14	103-0152	1	Keeper,Clutch
15	95-5806	1	Bracket-Mounting
16	3256-3	4	Washer-Flat
17	95-5805	1	Air Cleaner ASM
17:2	93-2195	1	Filter
17:3	94-3652	1	Cover ASM
17:4	94-1414	1	Valve-Vacuator
17:5	285-17	1	Plug-Pipe
18	1-643009	3	Clamp-Hose
19	1-643083	1	Hose-Aircleaner

Ref. No.	Part No.	Qty.	Description
20	1-643084	1	Hose-Inlet, Air
21	1-633853	1	Belt,Alternator Drive
22	1-807259	1	Key
23	1-633881	1	Alternator-37 Amp
24	1-633882	1	Sheave-Alternator
25	48-7570	1	Screw - HH
26	3257-24	1	Key-Woodruff
27	322-3	1	Screw-HH
28	1-632835-03	1	Bracket-Alternator
29	1-633838-03	1	Arm-Tension, Alternator
30	3256-3	1	Washer-Flat
31	32128-20	2	Nut-HF
32	3256-26	2	Washer-Flat
33	33114-030	4	Screw-HH
34	1-633839	1	Spacer
35	325-17	1	Screw-HH
36	3296-23	1	Nut-Lock, NI
37	33114-016	2	Screw-HH
38	1-303428	1	Elbow-90 DEG
39	322-6	3	Screw-HH
40	1-643167	1	Nipple
41	1-633630	2	Grommet-Brake
42	3296-29	3	Nut-Lock
43	1-403124	1	Elbow-90 DEG
44	322-38	1	Screw-HH

☆ Not serviced

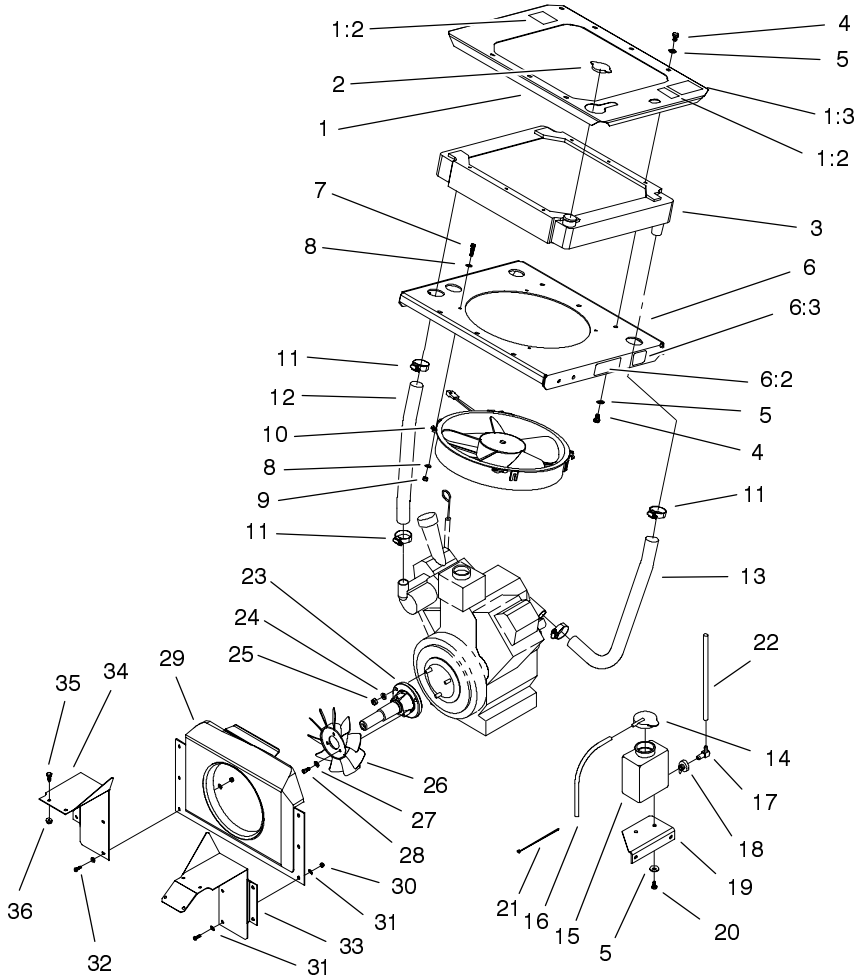


Sheet No.: 14

Engine Assembly

Ref. No.	Part No.	Qty.	Description
45	1-643007-03	2	Spacer-Engine
47	103-0114	1	Spacer-Clutch

Ref. No.	Part No.	Qty.	Description

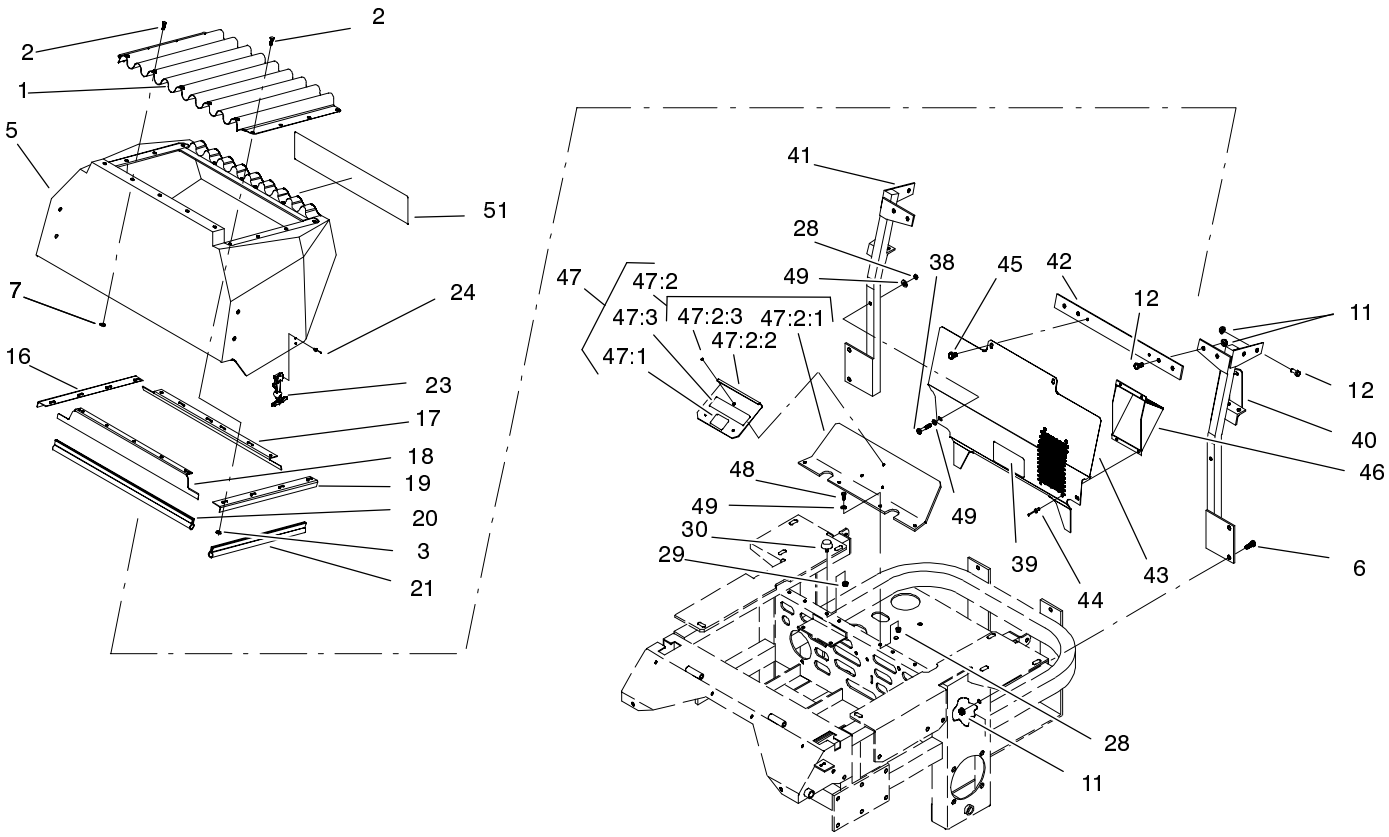


Sheet No.: 15

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	99-4645	1	Radiator Trim Plate ASM
1:2	65-2690	2	Decal-Surface, Hot
1:3	104-2449	1	Decal-Coolant, Havoline
2	1-643161	1	Cap-Radiator
3	1-641327	1	Kit-Radiator
4	322-1	12	Screw-HH
5	3256-23	14	Washer-Flat
6	99-4644	1	Fan Mounting Plate ASM
6:2	1-643253	2	Decal-Fan, Radiator
6:3	65-2690	2	Decal-Surface, Hot
7	1-803067	4	Screw
8	3256-16	8	Washer-Flat
9	1-804254	4	Nut
10	1-633831	1	Fan
11	1-633989	4	Clamp-Hose
12	1-633894	1	Hose-Inlet, Radiator
13	1-633895	1	Hose-Return, Radiator
14	1-643164	1	Cap-Tank, Overflow
15	1-643163	1	Tank-Overflow
16	1-643131	1	Hose
17	1-643259	1	Fitting-Elbow
18	1-513645	1	Bushing-Valve, Fuel

Ref. No.	Part No.	Qty.	Description
19	1-643024-03	1	Bracket,Bottle
20	321-2	2	Screw-HH
21	1-303287	3	Tie-Plastic
22	1-643129	1	Hose
23	1-633851	1	Extension-Crankshaft
24	3253-4	3	Washer-Lock
25	33014-00	3	Nut-Hex
26	1-633869	1	Fan-Pump, Cooling
27	3256-22	3	Washer-Flat
28	1-809095	3	Hshcs,1/4-20x1/2
29	103-0098	1	Shroud,Hydraulic Fan
30	3296-2	6	Nut-Lock
31	3256-14	12	Washer-Flat
32	3290-500	6	Screw-PPH
33	103-0895-03	1	Shield-LH
34	1-633794-03	1	Baffle-Engine Shield, RH
35	321-4	6	Screw-HH
36	32128-33	6	Nut-HF

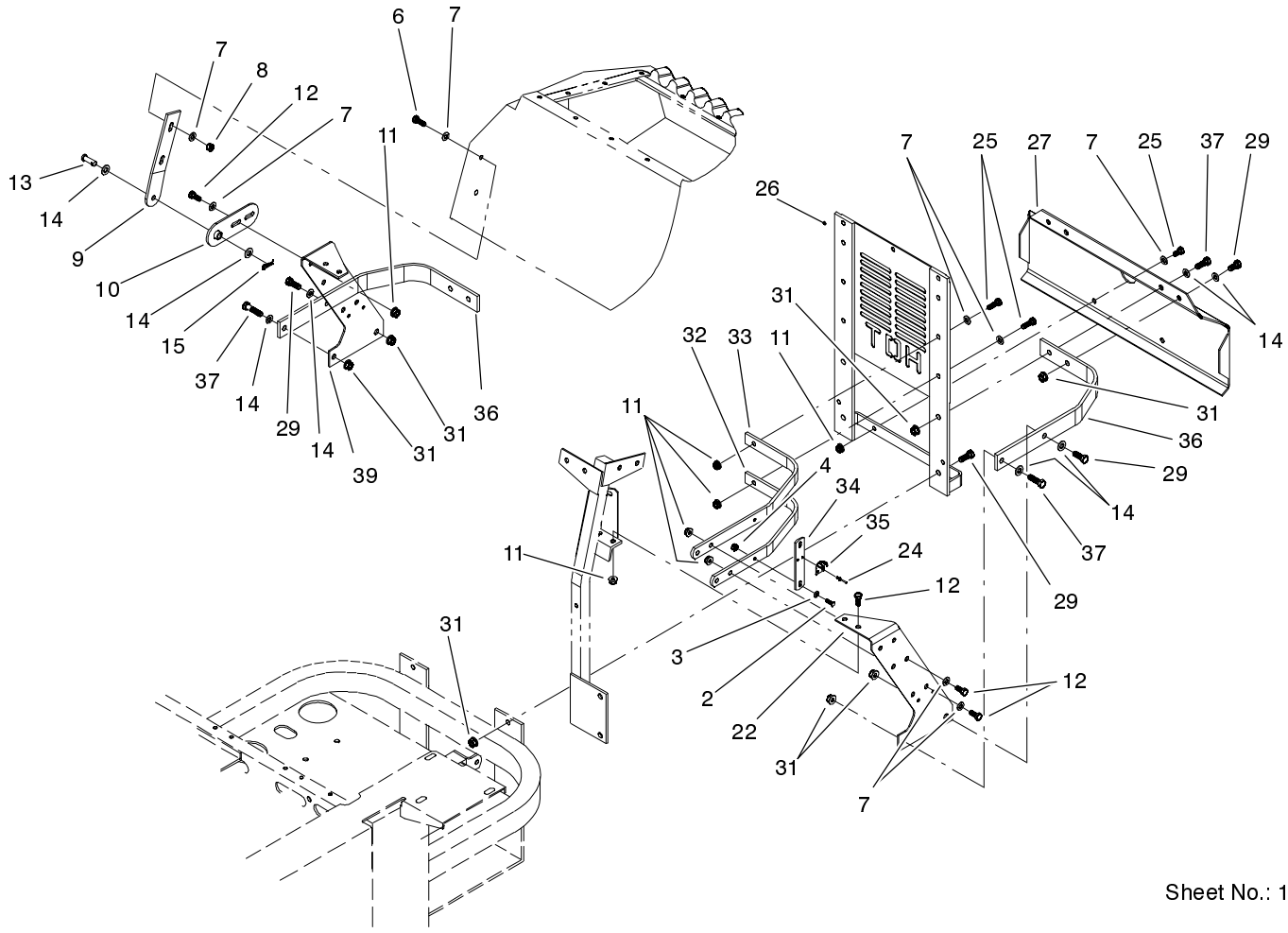


Sheet No.: 16

Rear Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633864-03	1	Screen-Radiator
2	1-803072	17	Rivet-Bulbex
3	3256-14	12	Washer-Flat
5	104-5136	1	Hood
6	322-4	4	Screw-HH
7	1-303435	5	Washer-Spring
11	32128-20	12	Nut-HF
12	322-3	8	Screw-HH
16	1-643106-03	1	Angle-Radiator, RH
17	1-643108-03	1	Angle-Radiator, Bottom
18	1-643107-03	1	Angle-Radiator, Top
19	1-643105-03	1	Angle-Radiator, LH
20	1-643187	2	Seal-Trim
21	1-643186	2	Seal-Trim
23	1-643188	2	Latch-Rubber
24	923786	4	Rivet-Pop
28	3296-42	6	Nut-Lock Nl
29	32128-33	2	Nut-HF
30	1-523420	2	Bumper
38	321-9	2	Screw-HH
39	1-643339	1	Decal-Routing, Belt
40	1-632984-03	1	Brace-Radiator, LH
41	1-632985-03	1	Brace-Radiator, RH
42	1-633878-03	1	Crossbar
43	1-643087-03	1	Deflector-Air

Ref. No.	Part No.	Qty.	Description
44	3269-3	4	Rivet-Pop
45	49-2040	2	Screw-Tapping
46	1-643096-03	1	Plenum-Intake, Air
47	1-644276	1	Shield ASM
47:1	1-633462	1	Decal-Important
47:2	1-634308	1	Shield/Lift ASM
47:2:1	1-633298	1	Shield-Engine
47:2:2	1-633300-03	1	Lift-Shield
47:2:3	1-803035	3	Rivet-Pop
47:3	103-0368	1	Decal-Devices, Rotating
48	321-4	4	Screw-HH
49	3256-2	6	Washer-Flat
51	99-4621	1	Decal-Z Master Liquid Cooled

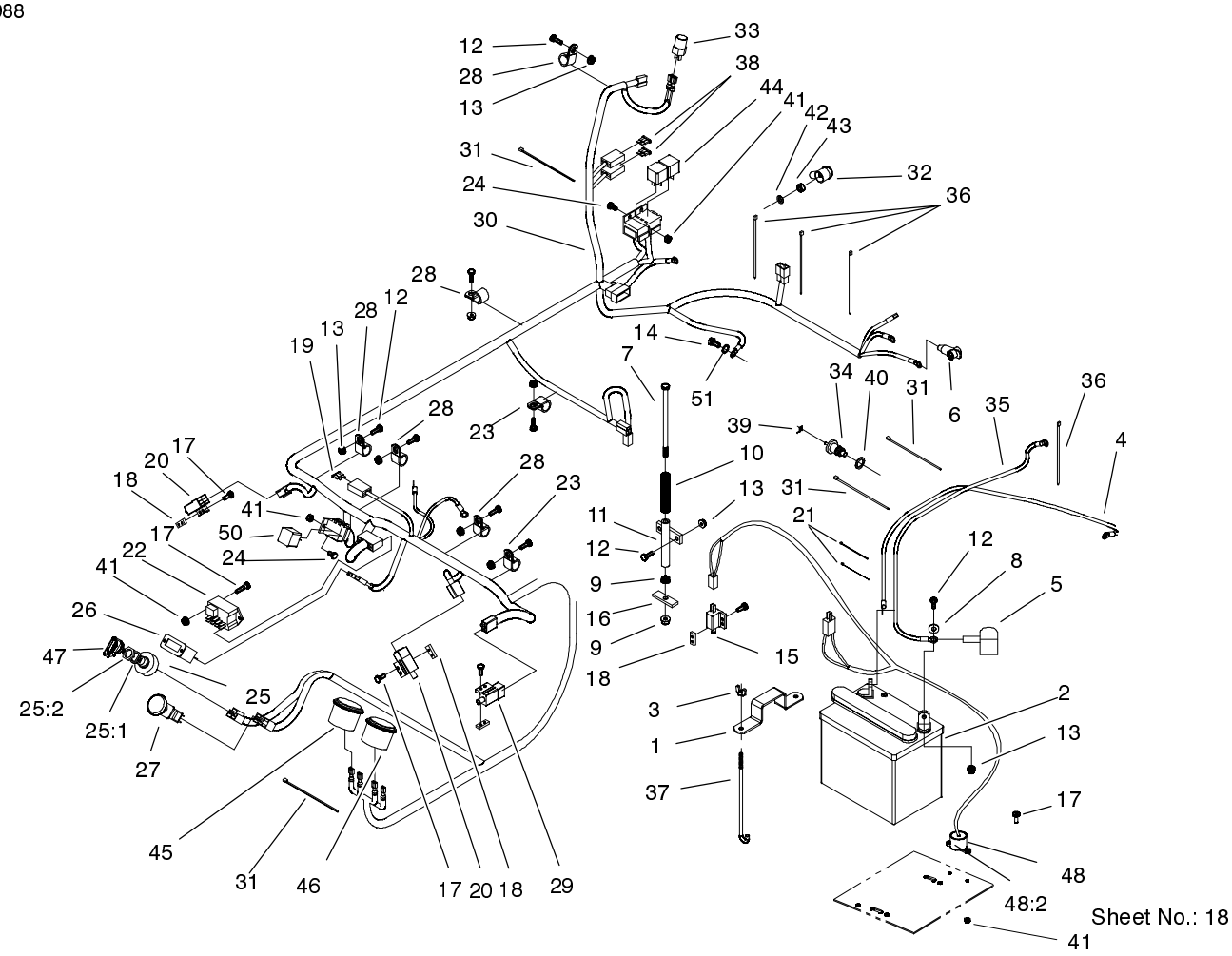


Sheet No.: 17

Rear Bumper Assembly

Ref. No.	Part No.	Qty.	Description
2	1-803069	4	Screw
3	3256-14	4	Washer-Flat
4	3296-2	4	Nut-Lock
6	322-4	4	Screw-HH
7	3256-23	21	Washer-Flat
8	3296-29	4	Nut-Lock
9	1-633885-03	2	Plate-Hinge, Hood
10	1-632986-03	2	Shackle-Hinge
11	32128-20	25	Nut-HF
12	322-3	16	Screw-HH
13	1-808285	2	Pin-Clevis
14	3256-24	12	Washer-Flat
15	1-806003	2	Pin-Cotter, Hair
22	103-0896-03	1	Plate-Side, LH
24	923786	4	Rivet-Pop
25	322-5	9	Screw-HH
26	1-632873-03	1	Mount-Radiator, Rear
27	1-633886-03	1	Guard-Bumper
29	323-6	6	Screw-HH
31	3290-357	10	Nut-Flange, Lock
32	1-633897-03	2	Rib-Top
33	1-633898-03	2	Rib-Bottom
34	1-633877-03	2	Bar-Latch Hook
35	1-643189	2	Keeper-Rubber Latch
36	1-633896-03	2	Bar-Radiator Mount Frame

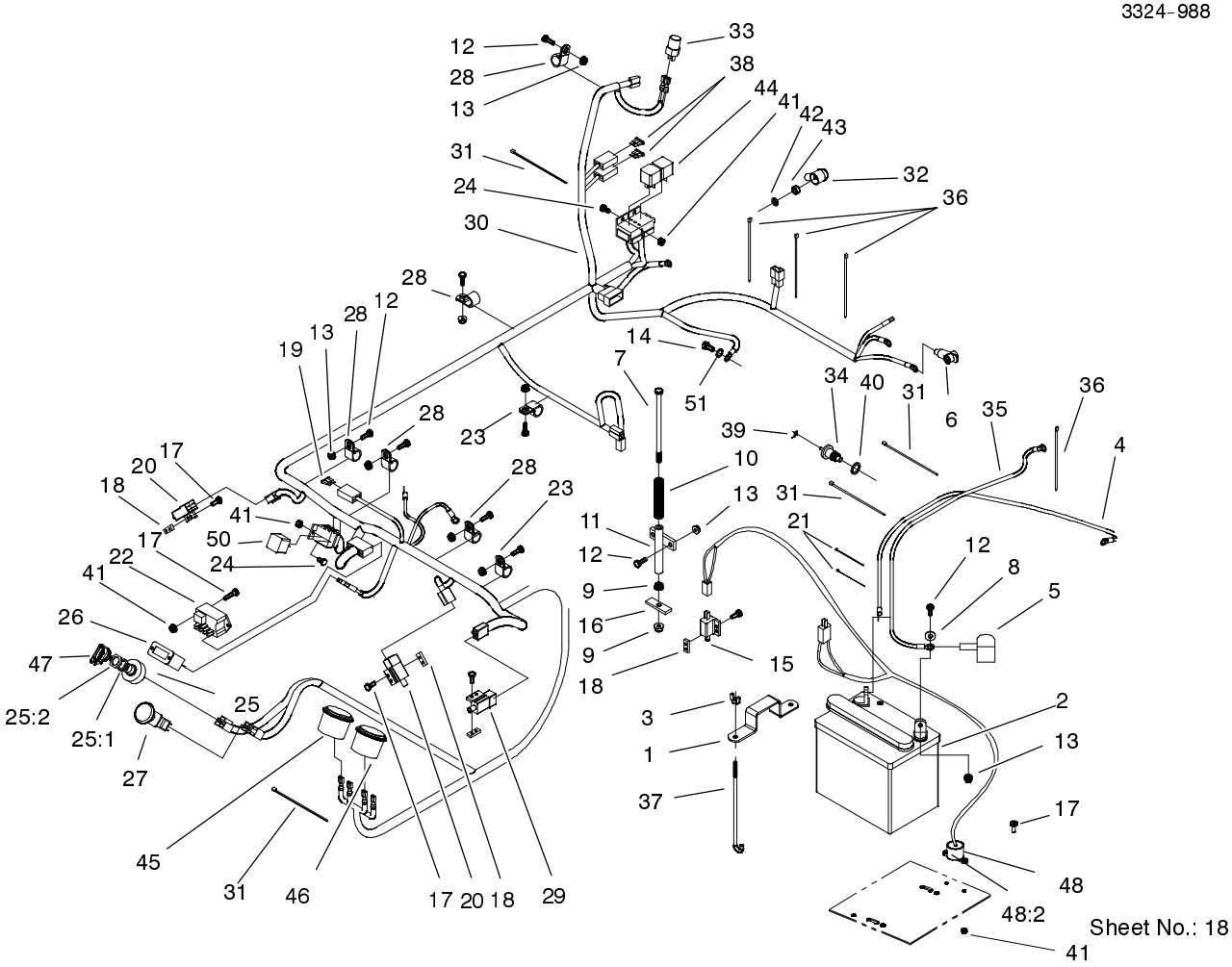
Ref. No.	Part No.	Qty.	Description
37	323-7	4	Screw-HH
39	103-0897-03	1	Plate-Side, RH



Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633652-03	1	Strap-Holddown, Battery
2	1-603479	1	Battery
3	1-543792	2	Wingnut
4	1-633307	1	Wire-Ground
5	1-543391	1	Insulator-Battery
6	1-643178	1	Cap-Insulator, Red
7	1-800282	1	Screw-HH
8	3256-2	2	Washer-Flat
9	32128-20	2	Nut-HF
10	1-523415	1	Spring-Switch, Seat
11	1-522424-03	1	Mount-Spring, Seat
12	321-4	11	Screw-HH
13	32128-33	11	Nut-HF
14	33114-016	1	Screw-HH
15	1-513152	1	Switch-Closed, Normally
16	1-513180	1	Plate-Switch, Seat
17	3290-500	12	Screw-PPH
18	1-633181	4	Plate-Tapped
19	1-816001	1	Fuse-Type, Blade
20	1-633111	2	Switch
21	1-303287	6	Tie-Plastic
22	1-633856	1	Module,Ignition Intrlock
23	1-513762	2	Clip-Loom
24	1-803071	3	Screw

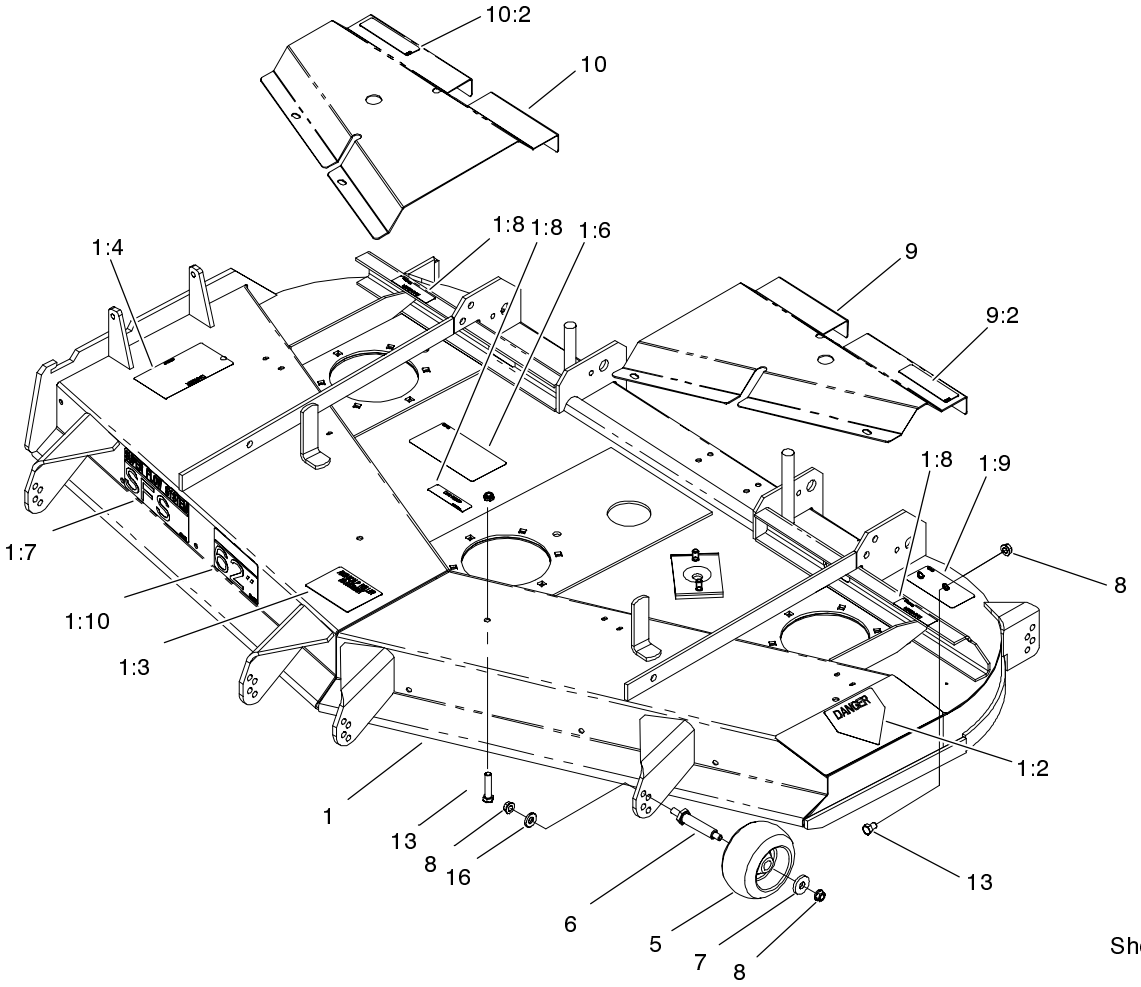
Ref. No.	Part No.	Qty.	Description
25	88-9830	1	Switch-Ignition
25:1	3254-5	1	Washer-Lock, Internal
25:2	218-461	1	Nut-HH
26	1-513374	1	Meter-Hours
27	1-633673	1	Switch-Delta
28	1-633396	5	Clip-Loom
29	1-633110	1	Switch-Brake
30	1-643205	1	Harness-Wiring
31	1-303335	4	Tie-Plastic
32	1-543393	1	Insulator-Solenoid
33	1-633833	1	Switch-Thermal, Fan
34	1-643036	1	Sender Unit-Temperature
35	1-523279	1	Wire-Battery, Positive
36	1-643115	3	Tie-Plastic
37	1-633651	2	Bolt-Holddown
38	1-816003	2	Fuse-Blade Type, 30 Amp
39	1-643145	1	Tab
40	1-643153	1	Washer-Aluminum
41	3296-2	6	Nut-Lock
42	3253-4	1	Washer-Lock
43	33014-00	1	Nut-Hex
44	1-643275	2	Relay
45	1-643037	1	Gauge-Voltmeter
46	1-643021	1	Gauge-Temperature



Electrical Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
47	63-8360	2	Key-Ignition
48	1-644427	1	Tilt Switch ASM *
48:2	1-643401	1	Decal-Switch, Mercury
50	98-7249	1	Relay
51	3256-23	1	Washer-Flat

Ref. No.	Part No.	Qty.	Description

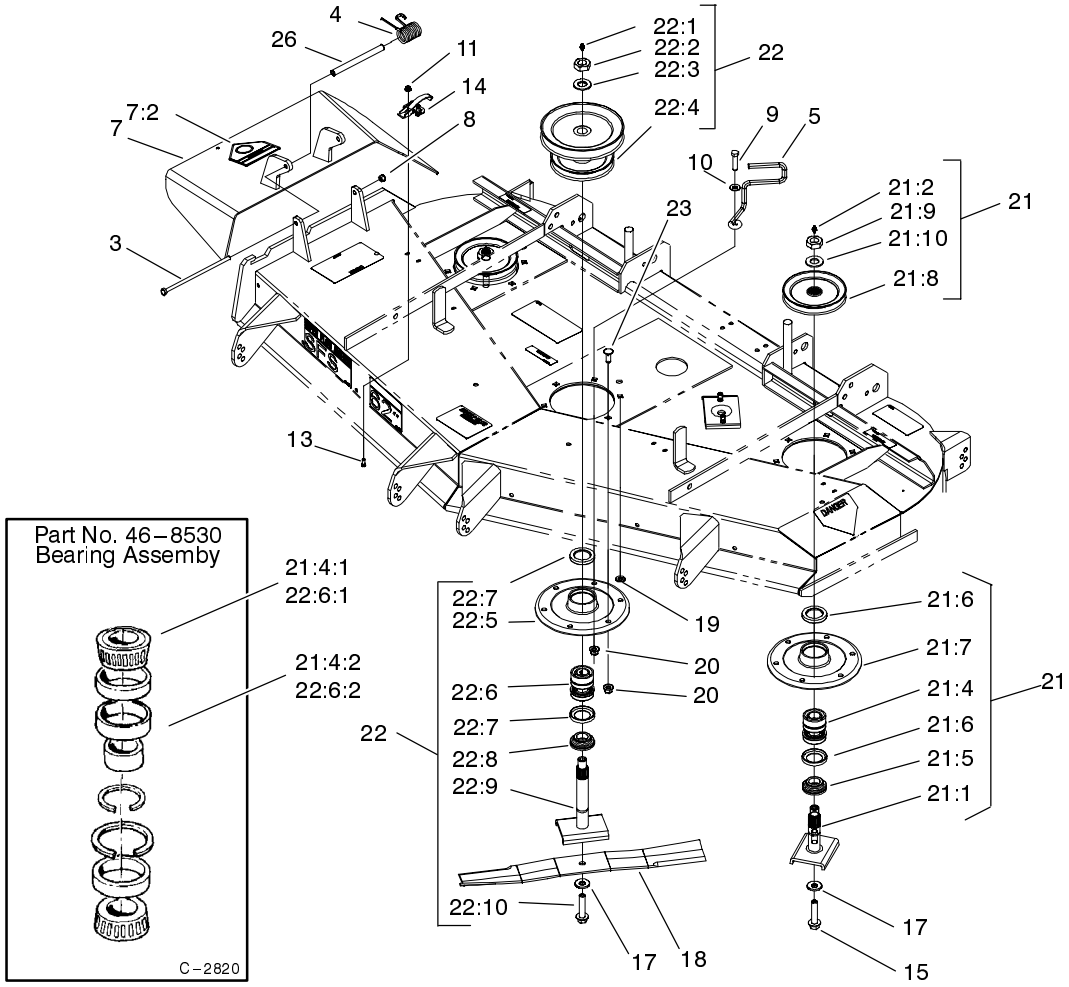


Sheet No.: 32

Deck, Deflector and Roller Assembly

Ref. No.	Part No.	Qty.	Description
1	104-7762	1	Deck ASM
1:2	43-8480	1	Decal-Danger
1:3	98-3798	1	Decal-Wheel, Gage
1:4	66-1340	1	Decal-Danger
1:6	99-4686	1	Decal-Routing, Belt
1:7	99-4619	1	Decal-Sfs
1:8	98-5954	3	Decal-Missing, Cover
1:9	93-7818	1	Decal-Torque, Blade
1:10	99-4620	1	Decal-Deck
5	68-2730	6	Gage-Wheel
6	99-2842	6	Spacer-Wheel
7	1-373034	6	Washer-Swivel
8	3290-357	18	Nut-Flange, Lock
9	98-5955	1	LH Cover ASM
9:2	67-5360	1	Decal-Danger
10	98-5956	1	RH Cover ASM
10:2	67-5360	1	Decal-Danger
13	323-2	8	Screw-HH
16	98-5975	6	Washer-Belleville

Ref. No.	Part No.	Qty.	Description

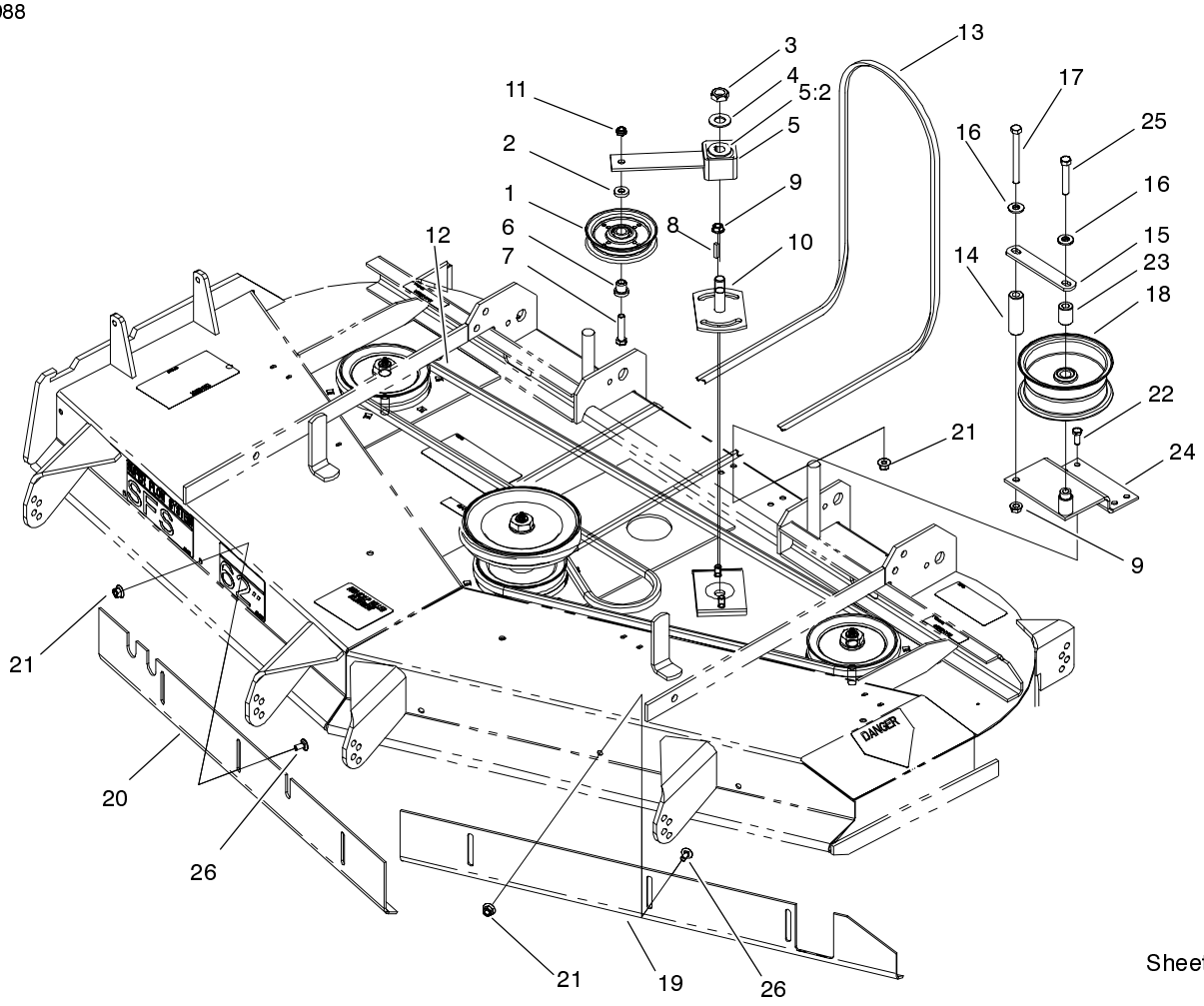


Sheet No.: 33

Spindle and Pulley Assembly

Ref. No.	Part No.	Qty.	Description
3	322-50	1	Screw-Cap
4	104-8554	1	Spring-Torsion
5	99-8933	1	Guide-Belt
7	104-7763	1	Deflector ASM
7:2	54-9220	1	Decal-Danger
8	3296-29	1	Nut-Lock
9	323-8	1	Screw-HH
10	3256-3	1	Washer-Flat
11	32128-17	8	Nut-Lock, Flange
13	3290-321	8	Screw-HWH
14	249-21	4	Clamp-Slotted
15	92-5816	2	Bolt-Blade
17	1-513435	3	Washer-Spring
18	44-6250	3	Blade
19	3256-24	1	Washer-Flat
20	32128-21	18	Nut-HF
21	99-4640	2	Outer Spindle ASM
21:1	27-0920	1	Shaft-Spindle
21:2	302-2	1	Fitting-Grease
21:4	46-8530	1	Bearing ASM
21:4:1	27-0960	1	Bearing ASM
21:4:2	27-5970	1	Spacer-Set, Matched
21:5	27-0950	1	Spacer-Bearing, Spindle
21:6	253-139	2	Seal-Oil
21:7	61-4160	1	Housing-Spindle

Ref. No.	Part No.	Qty.	Description
21:8	99-4614	1	Pulley & Hub
21:9	32146-20	1	Nut-Jam
21:10	7-4150	1	Washer-Pinion
22	100-4320	1	Middle Spindle ASM
22:1	302-2	1	Fitting-Grease
22:2	32146-20	1	Nut-Jam
22:3	92-5836	1	Washer-Axle
22:4	100-4307	1	Pulley-Hub ASM
22:5	61-4160	1	Housing-Spindle
22:6	46-8530	1	Bearing ASM
22:6:1	27-0960	1	Bearing ASM
22:6:2	27-5970	1	Spacer-Set, Matched
22:7	253-139	2	Seal-Oil
22:8	27-0950	1	Spacer-Bearing, Spindle
22:9	51-3551	1	Shaft-Spindle
22:10	92-5816	1	Bolt-Blade
23	3231-22	17	Screw-CARR
26	104-8555	1	Spacer-Deflector, Mounting

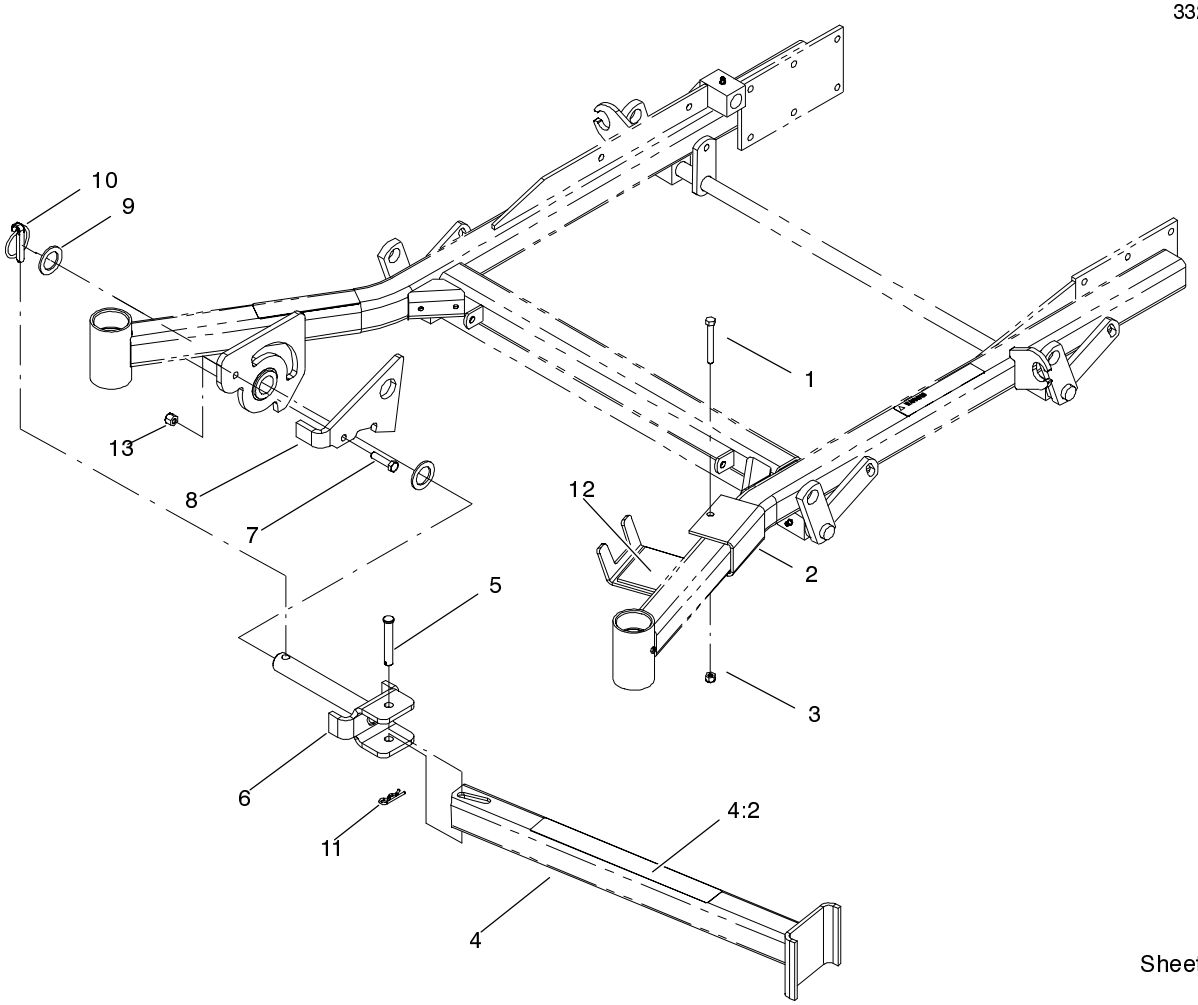


Sheet No.: 34

Belts and Idler Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	65-5940	1	Pulley-Idler
2	7-0081	1	Washer-Flat
3	3296-71	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	3	Nut-Flange, Lock
10	44-6301	1	Plate-Idler, LH
11	3296-5	1	Nut-Lock NI
12	44-6260	1	V-Belt
13	99-4647	1	V-Belt-Drive, Deck
14	99-4659	1	Spacer-Bracket
15	1-653189	1	Plate-Guide, Belt
16	98-5975	2	Washer-Belleville
17	323-42	1	Screw-HH
18	1-413099	1	Pulley-Idler
19	99-2833-03	1	Baffle-Front, LH
20	99-2834-03	1	Baffle-Front, RH
21	32128-20	10	Nut-HF
22	322-3	4	Screw-HH
23	1-653190	1	Spacer
24	99-4684-01	1	Bracket-Pulley

Ref. No.	Part No.	Qty.	Description
25	323-11	1	Screw-HH
26	3230-18	6	Screw-CARR

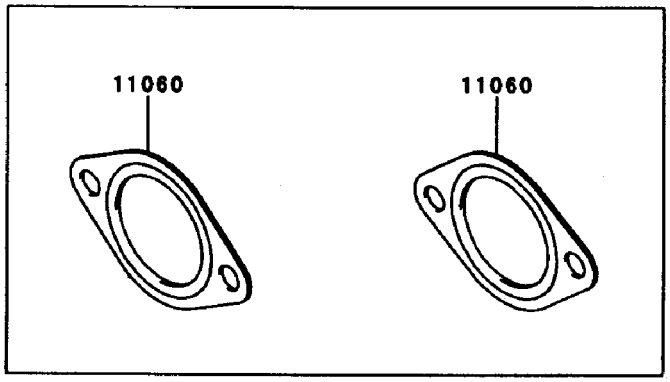


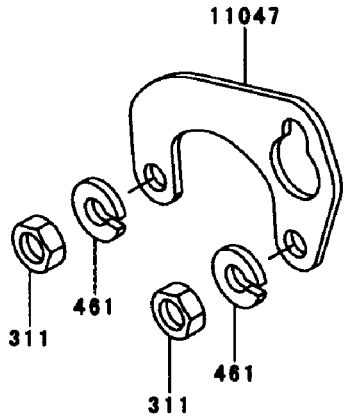
Sheet No.: 51

Stand Assembly

Ref. No.	Part No.	Qty.	Description
1	322-13	1	Screw-HH
2	100-9699-01	1	Bracket-Cradle
3	3296-29	1	Nut-Lock
4	104-7804	1	Leg ASM W/ Decal
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	104-7765	1	Cushion-Rubber
13	3296-39	1	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description

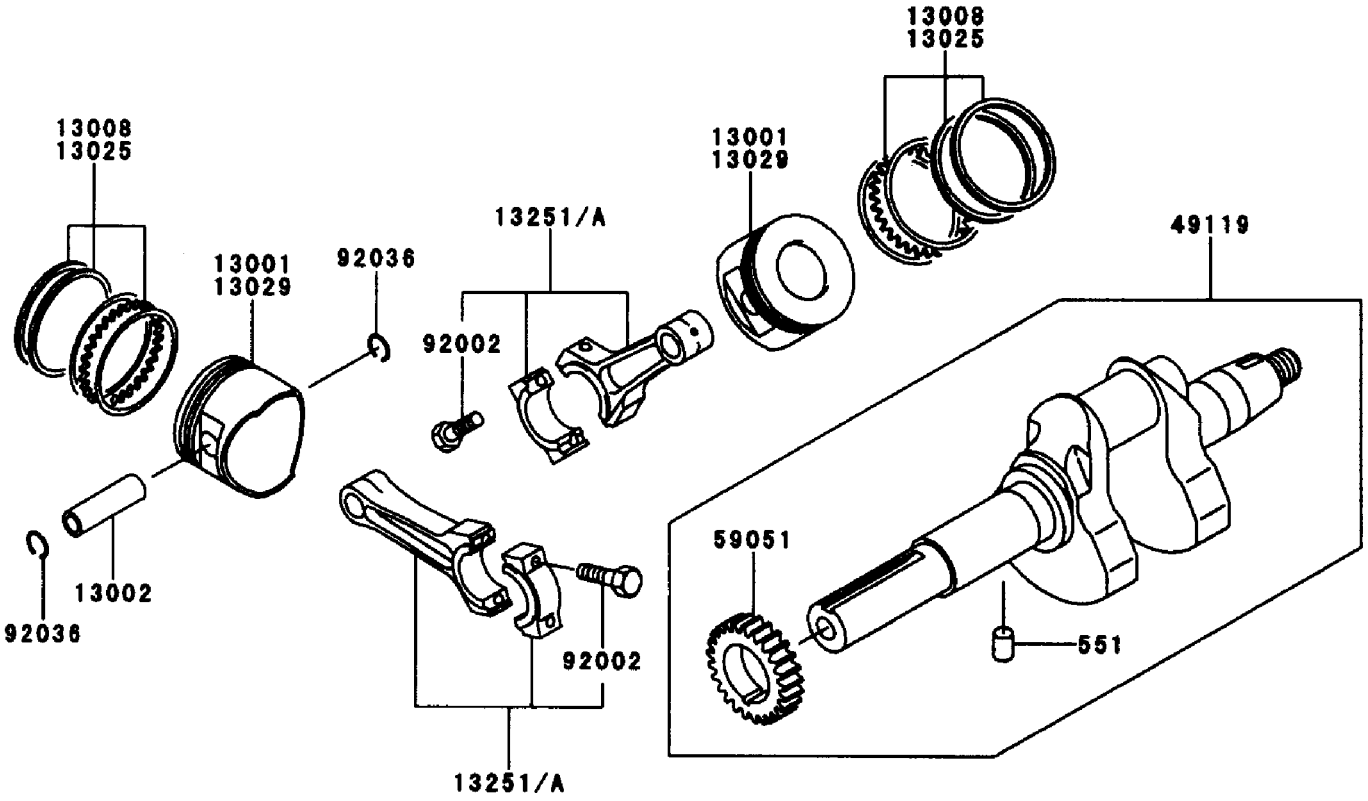




Air Filter/Muffler - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
11047	11047-2057-9H	1	Bracket
11060	11060-2448	2	Gasket
311	311G0600	2	Nut-Hex
461	461F0600	2	Washer

Ref. No.	Part No.	Qty.	Description

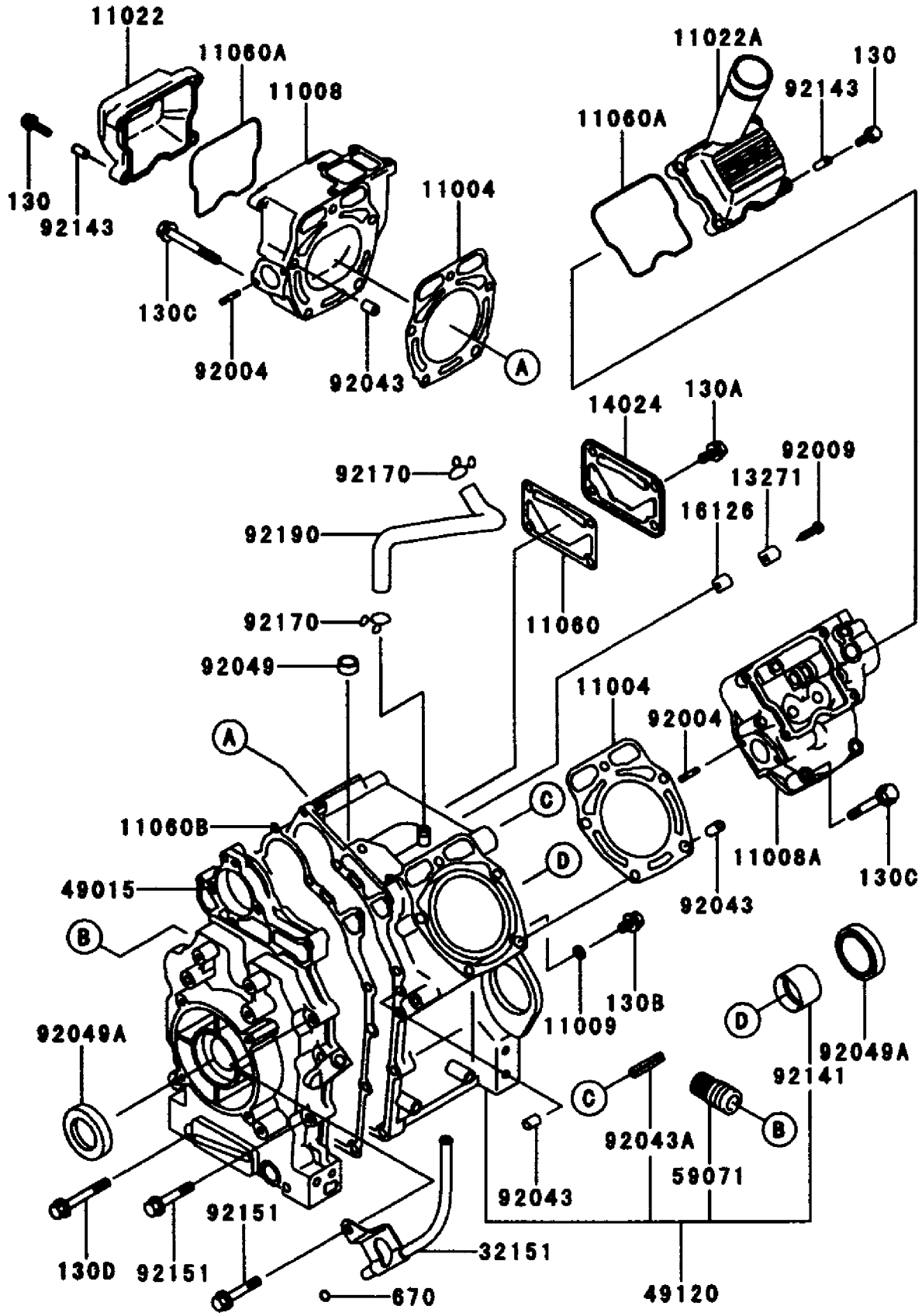


Piston/Crankshaft - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
13001	13001-2131	2	Piston-Engine
13002	13002-1013	2	Pin-Piston
13008	13008-6025	2	Ring-Set-Piston
13025	13025-6008	AR	Ring-Set-Piston L,0.50
13029	13029-2105	AR	Piston-Engine L,0.50
13251	13251-6022	2	Rod-Assy-Connecting
13251A	13251-6026	AR	Rod-Assy-Connecting, U/S=0.50
49119	49119-2130	1	Crankshaft-Assy
59051	59051-2112	1	Gear-Spur
92002	92002-2053	4	Bolt
92036	92036-021	4	Ring-Snap
551	551A0408	1	Pin-Dowel

Ref. No.	Part No.	Qty.	Description

Cylinder/Crankcase - Kawasaki FD661D AS-03

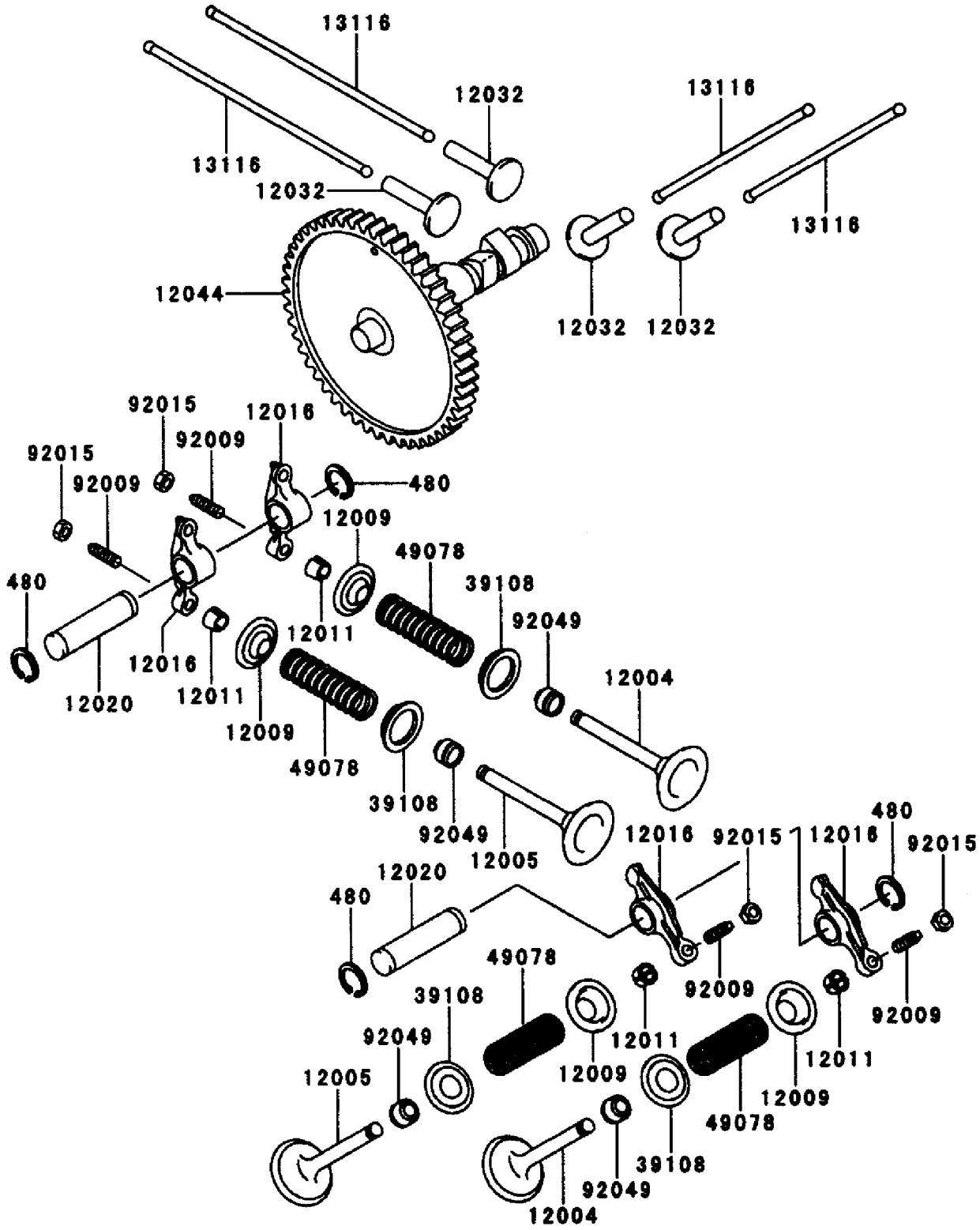


Cylinder/Crankcase - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
11004	11004-2107	2	Gasket-Head
11008	11008-2135	1	Head-Comp-Cylinder
11008A	11008-6036	1	Head-Comp-Cylinder
11009	11009-3028	2	Gasket
11022	11022-2056	1	Case-Rocker
11022A	11022-2063	1	Case-Rocker
11060	11060-2089	1	Gasket
11060A	11060-2332	2	Gasket, Rocker Case
11060B	11060-2449	1	Gasket, Crankcase Cover
13271	13271-2054	1	Plate
14024	14024-2292	1	Cover
16126	16126-2146	1	Valve
32151	32151-2032-9H	1	Pipe, Oil Guage
49015	49015-6204	1	Cover-Crankcase
49120	49120-2291	1	Crankcase-Comp
59071	59071-2079	1	Joint
92004	92004-2142	4	Stud
92009	92009-2308	1	Screw
92043	92043-1037	6	Pin
92043A	92043-2227	1	Pin
92049	92049-2097	1	Seal-Oil
92049A	92049-2110	1	Seal-Oil
92141	92141-2110	1	Bearing-Plane
92143	92143-2010	8	Collar
92151	92151-2123	6	Bolt,8x45
92170	92170-2002	2	Clamp
92190	92190-2146	1	Tube
130	130B0625	8	Bolt-Flanged
130A	130B0816	4	Bolt-Flanged
130B	130C0812	2	Bolt-Flanged
130C	130G0865	10	Bolt-Flanged
130D	130T0860	2	Bolt-Flanged
670	670B2010	1	O Ring

Ref. No.	Part No.	Qty.	Description

Valve/Camshaft - Kawasaki FD661D AS-03

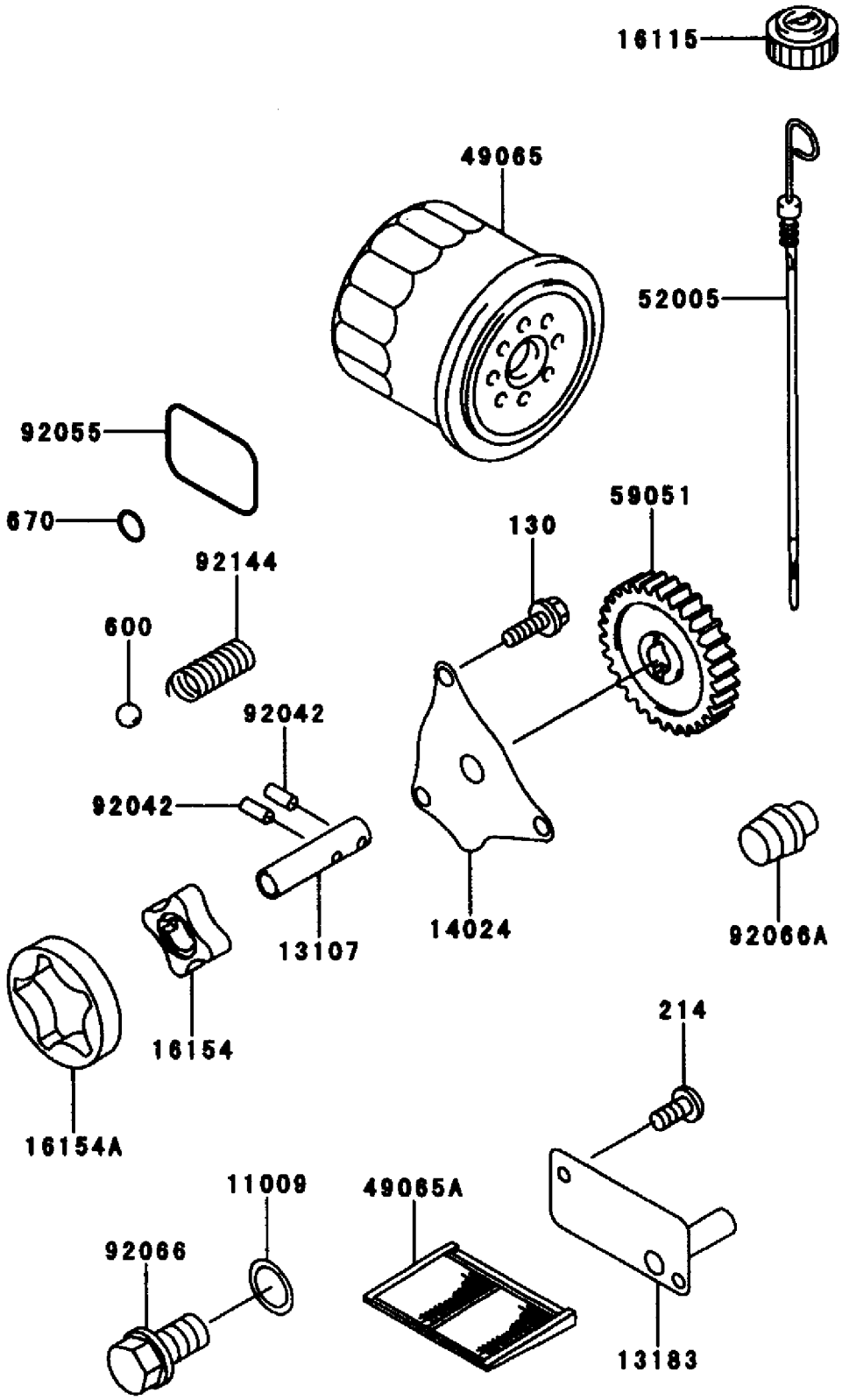


Valve/Camshaft - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
12004	12004-2104	2	Valve-Intake
12005	12005-2093	2	Valve-Exhaust
12009	12009-2067	4	Retainer-Valve Spring
12011	12011-2056	8	Collet
12016	12016-2056	4	Arm-Rocker
12020	12020-2059	2	Shaft-Rocker
12032	12032-2064	4	Tappet
12044	12044-2239	1	Camshaft-Valve
13116	13116-2057	4	Rod-Push
39108	39108-2057	4	Retainer-Spring
49078	49078-2082	4	Spring-Engine Valve
92009	92009-1109	4	Screw
92015	92015-1137	4	Nut
92049	92049-2109	4	Seal-Oil
480	480J1200	4	Circlip

Ref. No.	Part No.	Qty.	Description

Lubrication-Equipment - Kawasaki FD661D AS-03

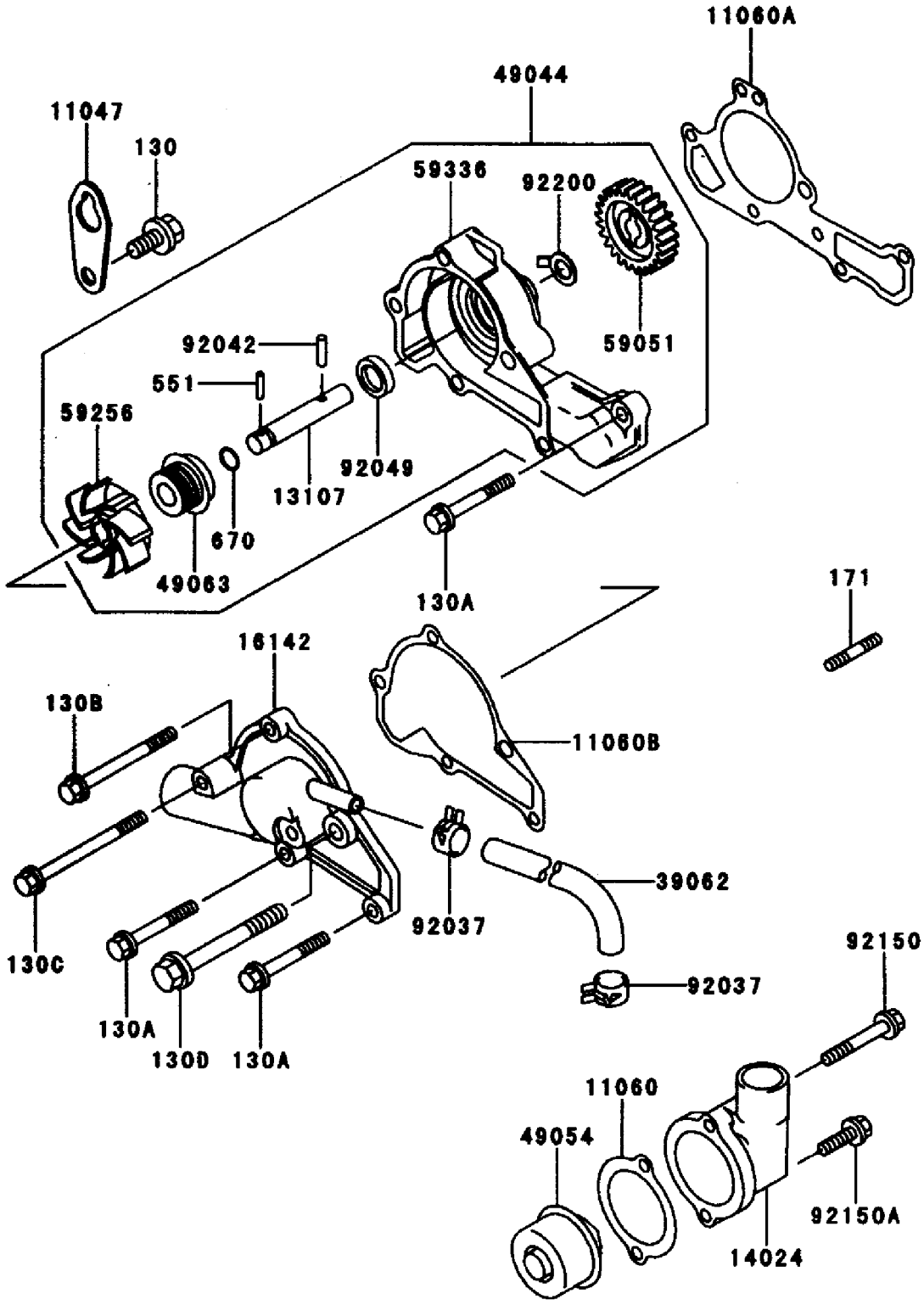


Lubrication-Equipment - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
11009	11009-2566	1	Gasket,Drain Plug
13107	13107-2099	1	Shaft-Oil Pump
13183	13183-2419	1	Plate
14024	14024-2113	1	Cover,Oil Pump
16115	16115-2090	1	Cap-Oil Filler
16154	16154-2053	1	Rotor-Pump,In
16154A	16154-2054	1	Rotor-Pump,Out
49065	49065-2071	1	Filter-Oil
49065A	49065-2072	1	Filter-Oil
52005	52005-2122	1	Guage
59051	59051-2114	1	Gear-Spur
92042	92042-014	2	Pin
92055	92055-2086	1	Ring-O
92066	92066-2099	1	Plug,Drain
92066A	92066-2235	1	Plug
92144	92144-2053	1	Spring
130	130B0614	3	Bolt-Flanged
214	214B0512	2	Screw-Pan
600	600A1300	1	Ball-Steel
670	670B2011	1	O-Ring

Ref. No.	Part No.	Qty.	Description

Cooling-Equipment - Kawasaki FD661D AS-03

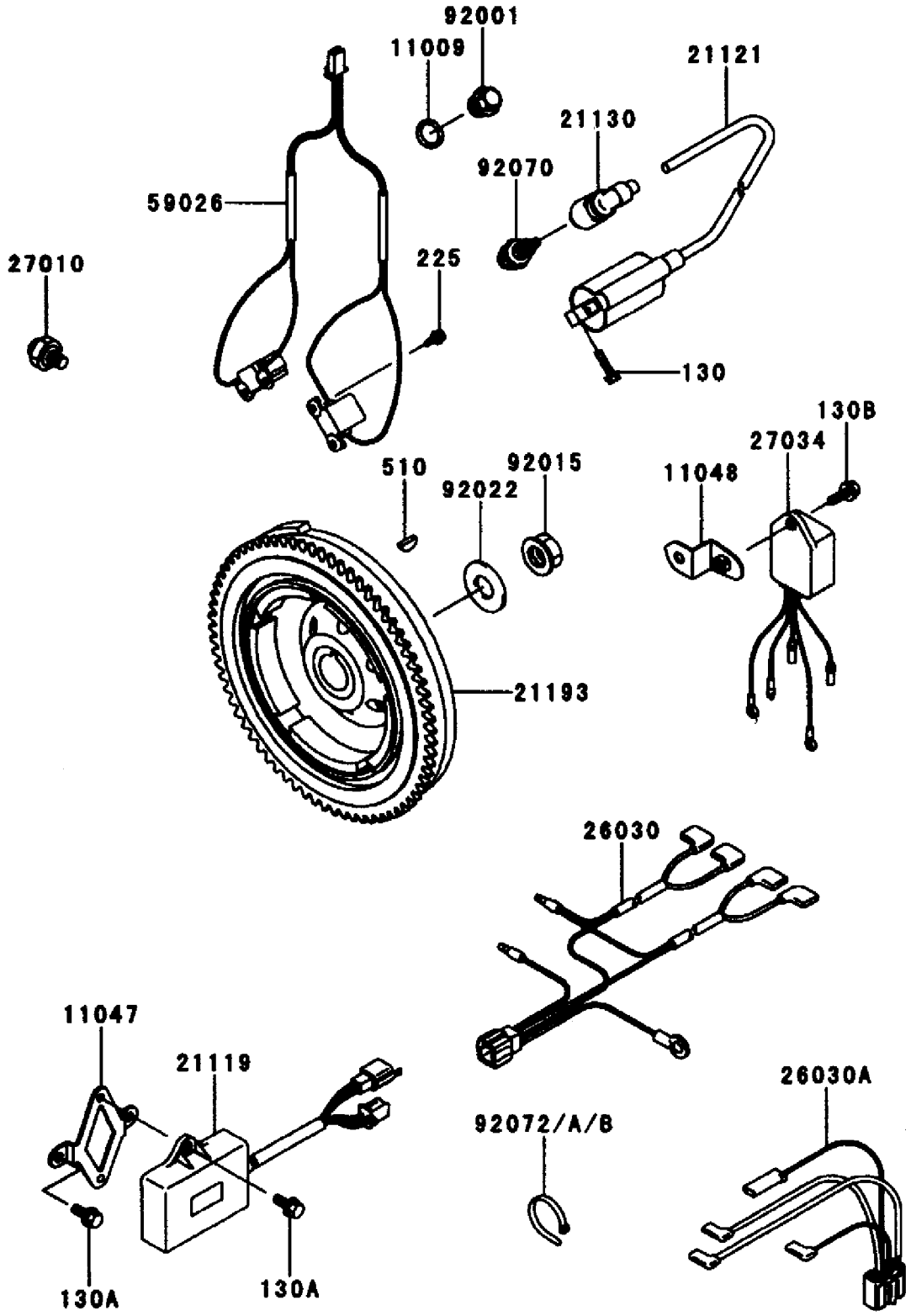


Cooling-Equipment - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
11047	11047-2056-9H	1	Bracket
11060	11060-2084	1	Gasket,Thermostat Cover
11060A	11060-2450	1	Gasket,Pump Case
11060B	11060-2451	1	Gasket,Pump Cover
13107	13107-2097	1	Shaft,Impeller
14024	14024-2293	1	Cover, Thermostat
16142	16142-2069	1	Cover-Pump
39062	39062-2051	1	Hose-Cooling, 7.5x13.5x305
49044	49044-2058	1	Pump-Water
49054	49054-2056	1	Thermostat
49063	49063-2056	1	Seal-Mechanical
59051	59051-2113	1	Gear-Spur
59256	59256-2057	1	Impeller
59336	59336-2052	1	Case-Pump
92037	92037-2082	2	Clamp
92042	92042-014	1	Pin
92049	92049-2111	1	Seal-Oil
92150	92150-2230	1	Bolt,6x40
92150A	92150-2231	1	Bolt,6x20
92200	92200-2044	1	Washer
130	130B0816	1	Bolt-Flanged
130A	130T0645	3	Bolt-Flanged
130B	130T0665	1	Bolt-Flanged
130C	130T0675	1	Bolt-Flanged
130D	130T0870	1	Bolt-Flanged
171	171G0818	3	Bolt-Stud
551	551A0314	1	Pin-Dowel
670	670B1507	1	O Ring

Ref. No.	Part No.	Qty.	Description

Electric-Equipment - Kawasaki FD661D AS-03

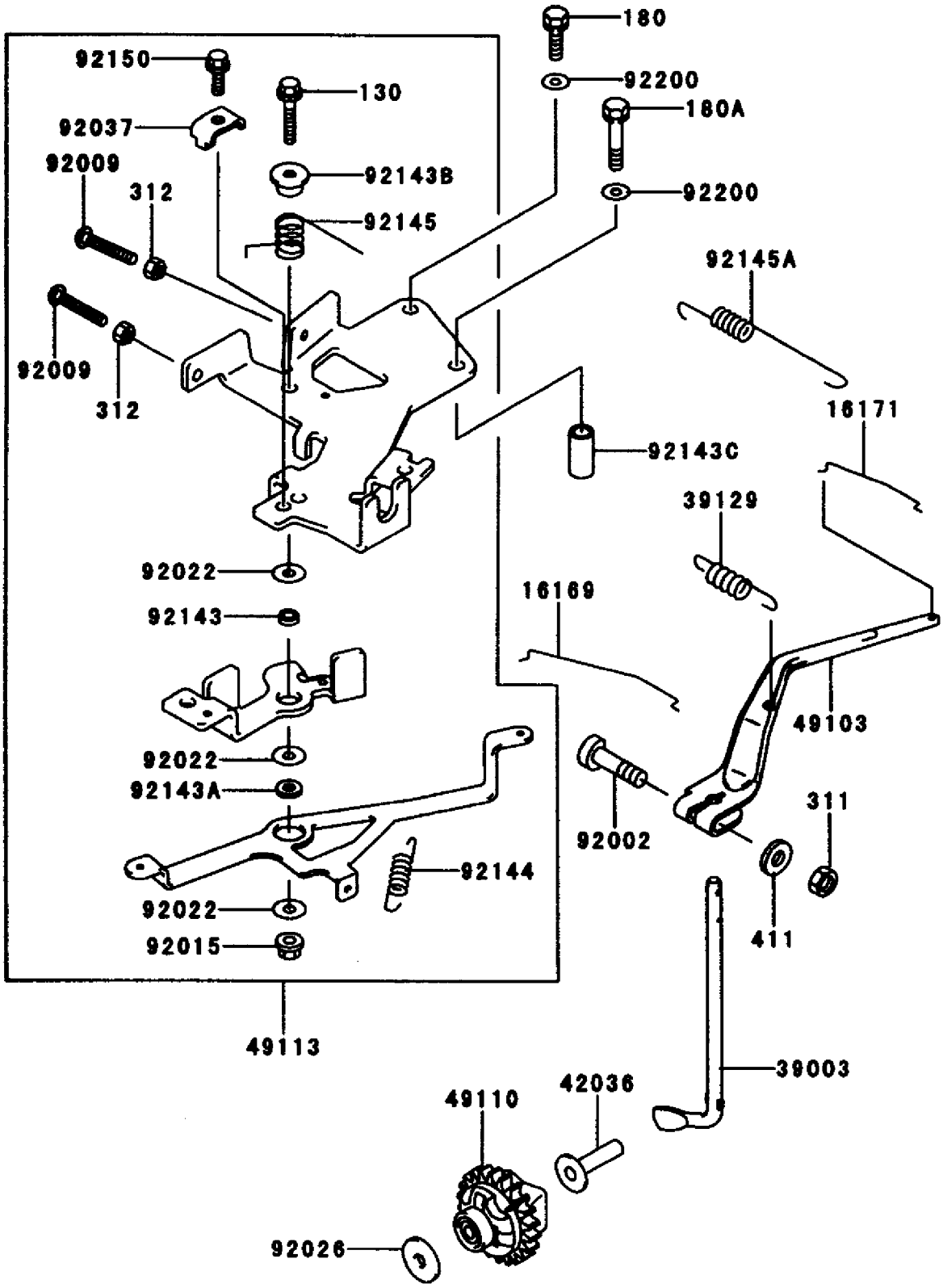


Electric-Equipment - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
11009	11009-2766	1	Gasket
11047	11047-2036-9H	1	Bracket
11048	11048-2008	1	Bracket
21119	21119-2157	1	Igniter
21121	21121-2083	2	Coil-Ignition
21130	21130-2060	2	Cap-Spark Plug
21193	21193-2149	1	Flywheel-Assy
26030	26030-2167	1	Harness
26030A	26030-2267	1	Harness
27010	27010-7001	1	Switch
27034	27034-2056	1	Relay
59026	59026-2054	1	Coil-Pulsing
92001	92001-1114	1	Bolt
92015	92015-2167	1	Nut
92022	92022-2245	1	Washer
92070	92070-2060	2	Plug-Spark,BMR6A (NGK), Solid
92072	92072-1195	2	Band
92072A	92072-1237	2	Band
92072B	92072-2003	2	Band
130	130B0520	4	Bolt-Flanged
130A	130B0614	4	Bolt-Flanged
130B	130B0616	1	Bolt-Flanged
225	225B0414	4	Screw-Pan-Wsp-Cros
510	510A5100	1	Key-Woodruff

Ref. No.	Part No.	Qty.	Description

Control-Equipment - Kawasaki FD661D AS-03

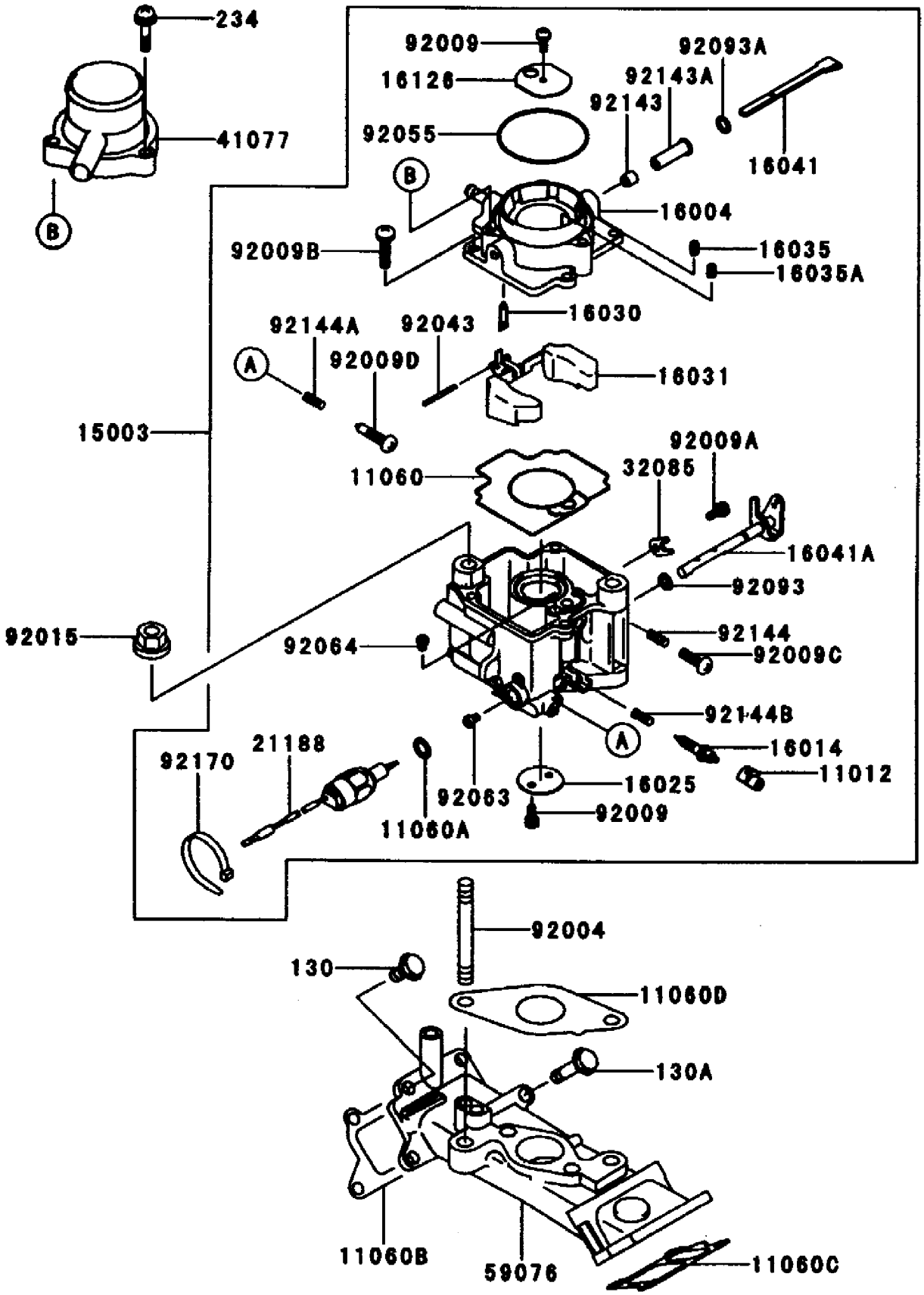


Control-Equipment - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
16169	16169-2092	1	Link-Choke
16171	16171-2065	1	Link
39003	39003-2083	1	Arm-Pivot
39129	39129-2081	1	Spring-Governor
42036	42036-2060	1	Sleeve
49103	49103-2141	1	Arm-Governor
49110	49110-2091	1	Governor-Assy
49113	49113-2165	1	Panel-Comp-Control
92002	92002-2269	1	Bolt
92009	92009-2381	2	Screw,5x30
92015	92015-1339	1	Nut
92022	92022-2372	3	Washer,6x19x1.2
92026	92200-2036	1	Spacer
92037	92037-2209	2	Clamp
92143	92143-1596	1	Collar,6.2x10x3.4
92143A	92143-2135	1	Collar,6x13x2.3
92143B	92143-2148	1	Collar
92143C	92143-2200	1	Collar,6.8x10x20.5
92144	92144-2052	1	Spring
92145	92145-2058	1	Spring
92145A	92145-2062	1	Spring
92150	92150-2182	2	Bolt,5x18
92200	92200-2070	2	Washer
130	130B0635	2	Bolt-Flanged
180	180B0616	1	Bolt-Flanged
180A	180B0635	1	Bolt-Upset-Ws
311	311B0600	1	Nut-Hex
312	312B0500	2	Nut-Hex
411	411B0600	1	Washer-Plain

Ref. No.	Part No.	Qty.	Description

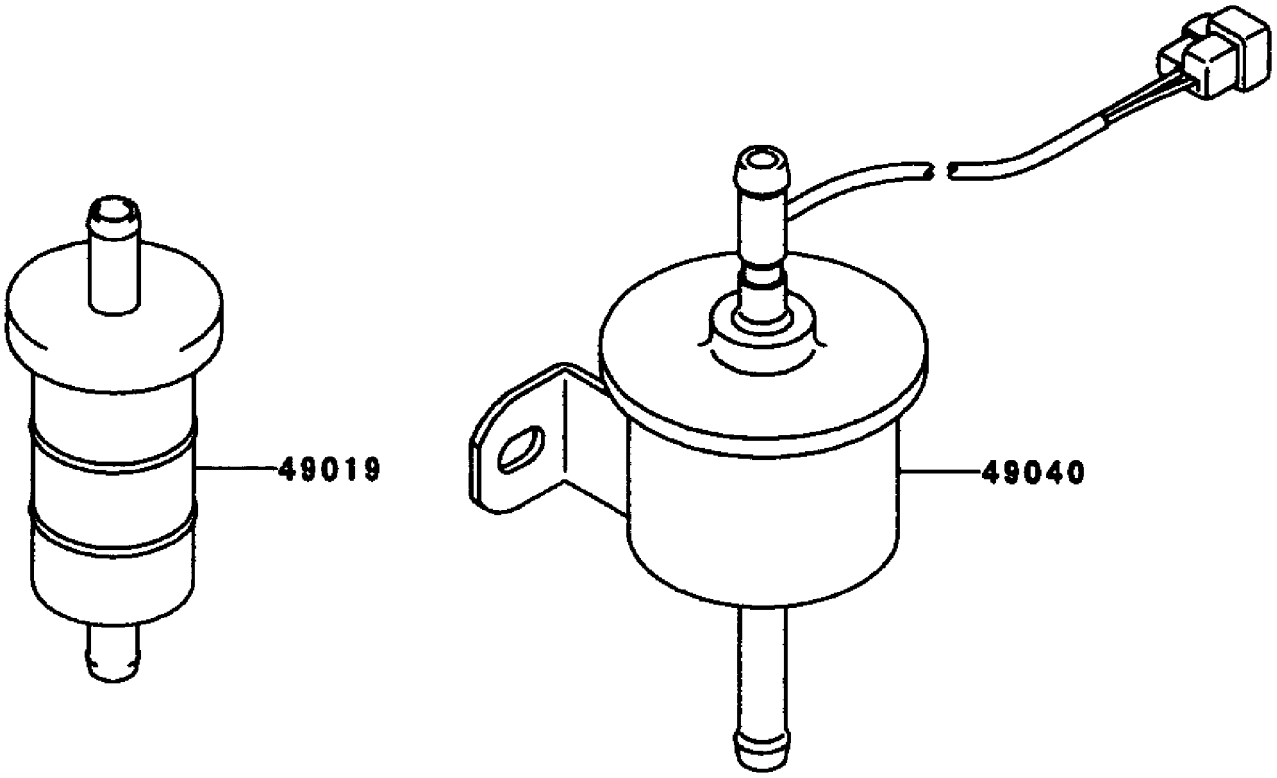
Carburetor - Kawasaki FD661D AS-03



Carburetor - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
11012	11012-2381	1	Cap
11060	11060-2072	1	Gasket
11060A	11060-2073	1	Gasket
11060B	11060-2087	1	Gasket,Intake Manifold
11060C	11060-2088	1	Gasket,Intake Manifold
11060D	11060-2090	1	Gasket,Carburetor
15003	15003-2728	1	Carburetor-Assy
16004	16004-2051	1	Cap-Chamber
16014	16014-2077	1	Screw-Pilot Air
16025	16025-2197	1	Valve-Throttle
16030	16030-2089	1	Valve-Float
16031	16031-2071	1	Float
16035	16035-2080	1	Jet-Air
16035A	16035-2082	1	Jet-Air
16041	16041-2218	1	Shaft-Carburetor, Choke
16041A	16041-2251	1	Shaft-Carburetor
16126	16126-2185	1	Valve,Choke
21188	21188-2006	1	Solenoid
32085	32085-2089	1	Stopper
41077	41077-2063	1	Adapter
59076	59076-2061	1	Manifold-Intake
92004	92004-2143	2	Stud
92009	92009-2330	3	Screw,3x5.5
92009A	92009-2331	1	Screw
92009B	92009-2332	4	Screw
92009C	92009-2333	1	Screw
92009D	92009-2334	1	Screw
92015	92015-1143	2	Nut
92043	92043-2196	1	Pin
92055	92055-2175	1	Ring-O,49.4mm
92063	92063-2384	1	Jet-Main,#106
92064	92064-2129	1	Jet-Pilot,#42
92093	92093-2092	1	Seal
92093A	92093-2093	1	Seal
92143	92143-2191	1	Collar
92143A	92143-2192	1	Collar
92144	92144-2306	1	Spring
92144A	92144-2307	1	Spring
92144B	92144-2397	1	Spring
92170	92170-2098	1	Clamp
130	130B0620	5	Bolt-Flanged
130A	130B0645	3	Bolt-Flanged
234	234B0525	3	Screw-Pan-Wsp

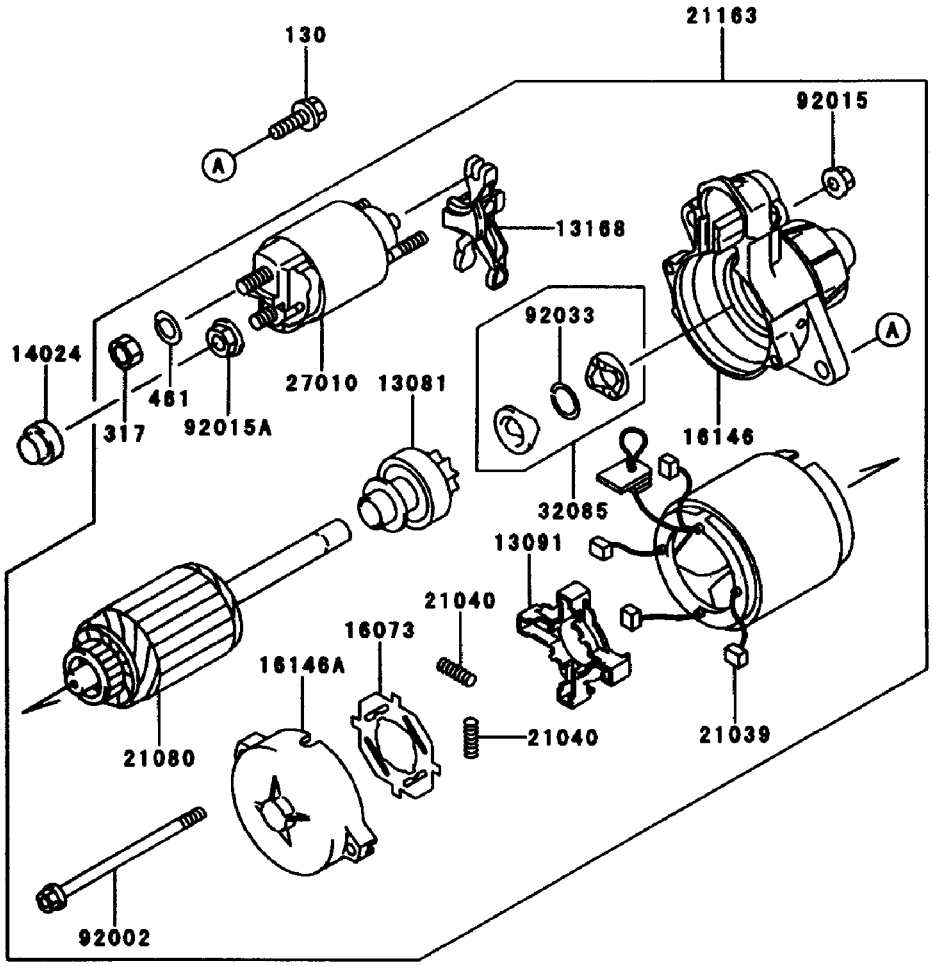
Ref. No.	Part No.	Qty.	Description



Fuel-Tank/Fuel-Valve - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
49019	49019-1055	1	Filter-Fuel
49040	49040-2065	1	Pump-Fuel

Ref. No.	Part No.	Qty.	Description



Starter - Kawasaki FD661D AS-03

Ref. No.	Part No.	Qty.	Description
13081	13081-2108	1	Clutch-Assy
13091	13091-2068	1	Holder,Brush
13168	13168-2131	1	Lever,Shift
14024	14024-2205	1	Cover
16073	16073-2098	1	Insulator
16146	16146-2186	1	Cover-Assy
16146A	16146-2187	1	Cover-Assy
21039	21039-2059	4	Brush
21040	21040-2052	4	Spring-Brush
21080	21080-2054	1	Armature
21163	21163-2101	1	Starter-Electric
27010	27010-2122	1	Switch
32085	32085-2097	1	Stopper
92002	92002-2277	2	Bolt
92015	92015-2146	2	Nut
92015A	92015-2147	1	Nut
92033	92033-2081	1	Ring-Snap
130	130B0830	2	Bolt-Flanged
317	317B0800	1	Nut-Hex-Small
461	461F0800	1	Washer-Spring

Ref. No.	Part No.	Qty.	Description

Maintenance Record

Date								

Maintenance Record

Date								


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