FORM NO. 3321–673

TORO®

Z–Master™

250 Series Liquid Cooled Z252L with 52” Side Discharge Mower

Model No. 74211 – 990001 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

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

Contents

Description	Page
Front Frame Assembly	1
Caster And Wheel Assembly	2
Seat And Rear Frame Assembly	3
Brake And Wheel Hub Assembly	4
Control Panel Assembly	5
Hydraulic System Assembly	6
Hydraulic System Assembly (Continued)	7
Idler Assembly	8
Frame And Deck Assembly	9
Tank And Fuel Line	10
Engine Assembly	11
Engine Assembly (Continued)	12
Engine Assembly	13
Rear Hood Assembly	14
Rear Bumper Assembly	15
Electrical Assembly	16
Electrical Assembly (Continued)	17
Deck, Wheels And Deflector Assembly	18
Deck And Pulleys Assembly	19
Deck, Belts And Idler Arm Assembly	20

Note:

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
HFW	hex flange washer
HH	hex head
HHF	hex head flange
HHST	hex head self tapping
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
PH	pan head
PPH	Phillips pan head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
STD	standard
TAP	self tapping
TH	truss head
TTH	Torx truss head
WH	wing head

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

© The TORO Company — 1999
All Rights Reserved

Service Assemblies

Parts within service assemblies have reference numbers in the form *X:Y. X* is the reference number of the service assembly and *Y* is a sequential number unique to each part within the service assembly.

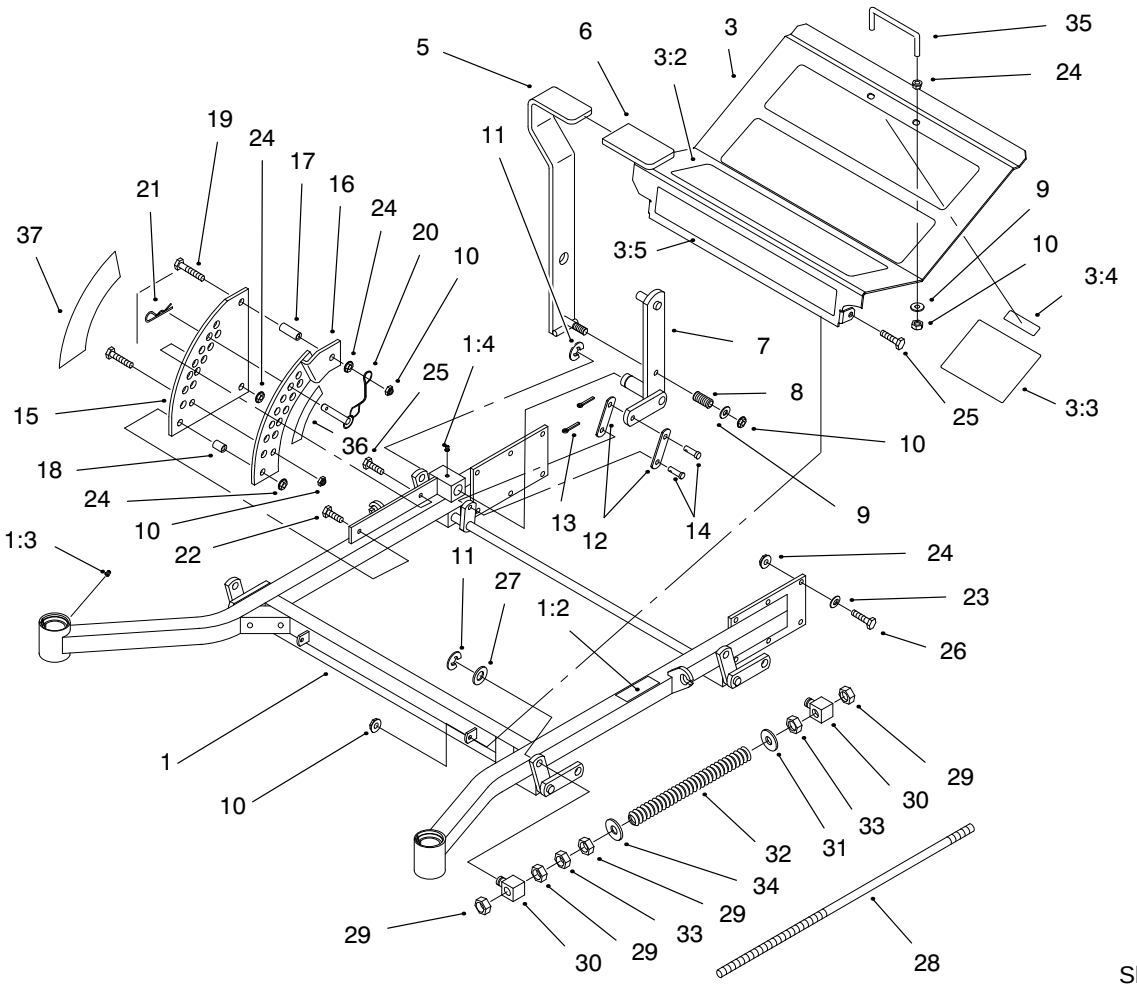
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

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

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form *X (Y). X* is the reference number. *Y* in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

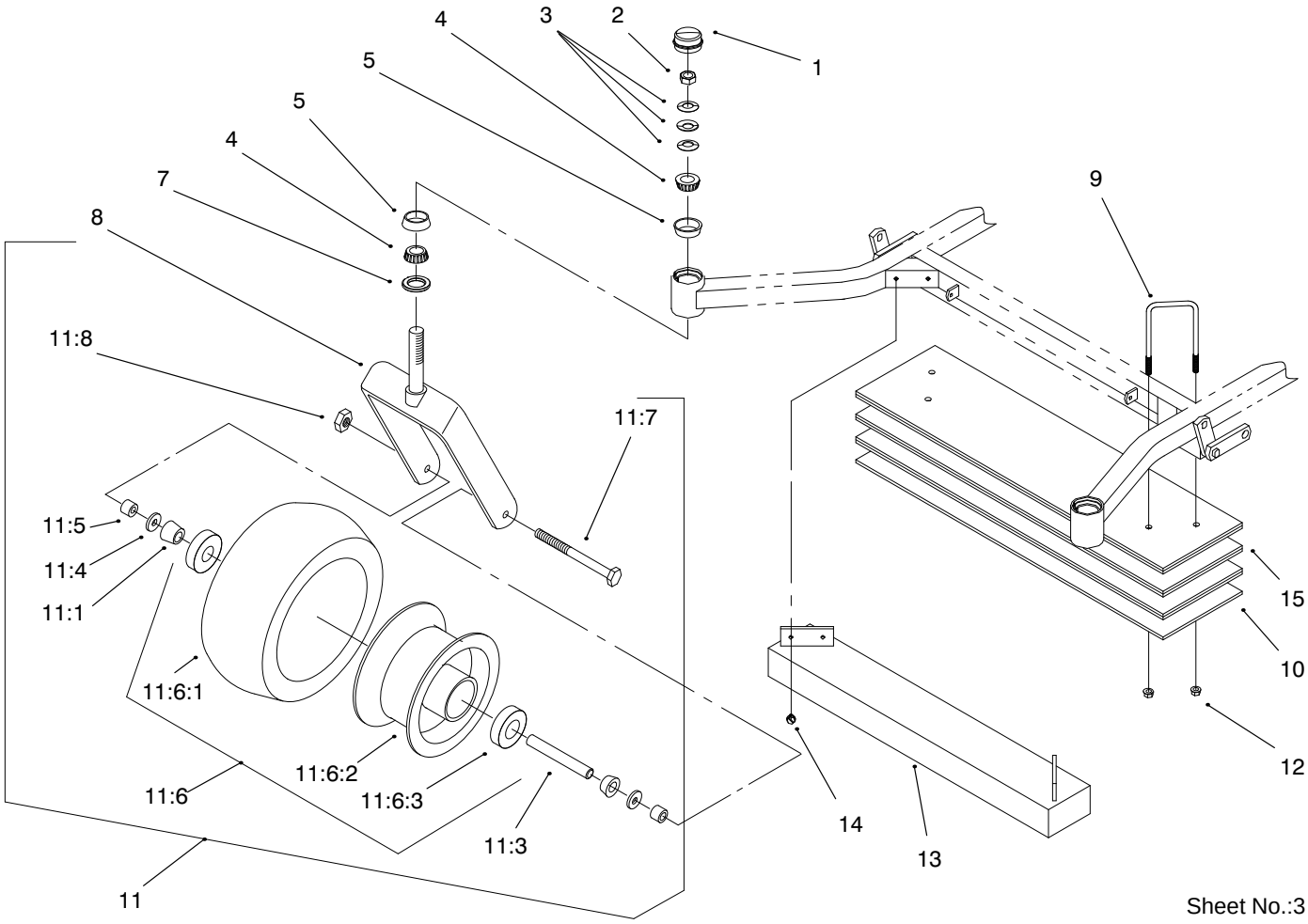


Sheet No.:2

Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	E634861	1	Frame ASM
1:2	E633818	1	Decal
1:3	E811010	2	Plug–Caster Swivel
1:4	320–19	5	Fitting – Grease
3	99–4622	1	Floorpan ASM
3:2	E633553	3	Pad – Antiskid
3:3	E633766	1	Decal–Check
3:4	98–5954	1	Decal–Cover Missing
3:5	E633737	1	Decal– Z–Master
5	E632324	1	Lift Lever ASM
6	E633295	1	Grip–Lift Lever
7	E632219	1	Arm–Deck Lift
8	E633325	1	Spring–Compression
9	3256–24	3	Washer–Flat
10	32146–2	7	Nut–Lock Ni
11	E808505	5	Ring–Snap
12	E633068	2	Arm–Deck Lift
13	3272–10	2	Pin–Cotter
14	E808284	2	Pin–Clevis
15	E633889	1	Plate – Deck Lift
16	E632899	1	Plate–Deck Lift
17	E633082	1	Bushing–Lift Lever
18	E633080	1	Bushing–Lift Lever
19	323–13	1	Screw–HH
20	E633097	1	Pin–Hitch w/Lanyard
21	E806005	1	Hairpin

Ref. No.	Part No.	Qty.	Description
22	323–9	2	Screw–HH
23	98–5975	12	Washer
24	3290–357	17	Nut–Lock
25	323–6	3	Screw–HH
26	323–7	12	Screw–HH
27	3256–29	4	Washer–Flat
28	E633096	2	Rod–Deck Lift
29	3217–11	8	Nut–Hex
30	E633441	4	Swivel–Deck Mount
31	3256–7	2	Washer–Flat
32	E653009	2	Spring–Lift Assist
33	3218–6	4	Nut–Jam
34	3256–27	2	Washer–Flat
35	E633587	1	Handle
36	E633706	1	Decal–Deck Height
37	E633345	1	Decal–Deck Height



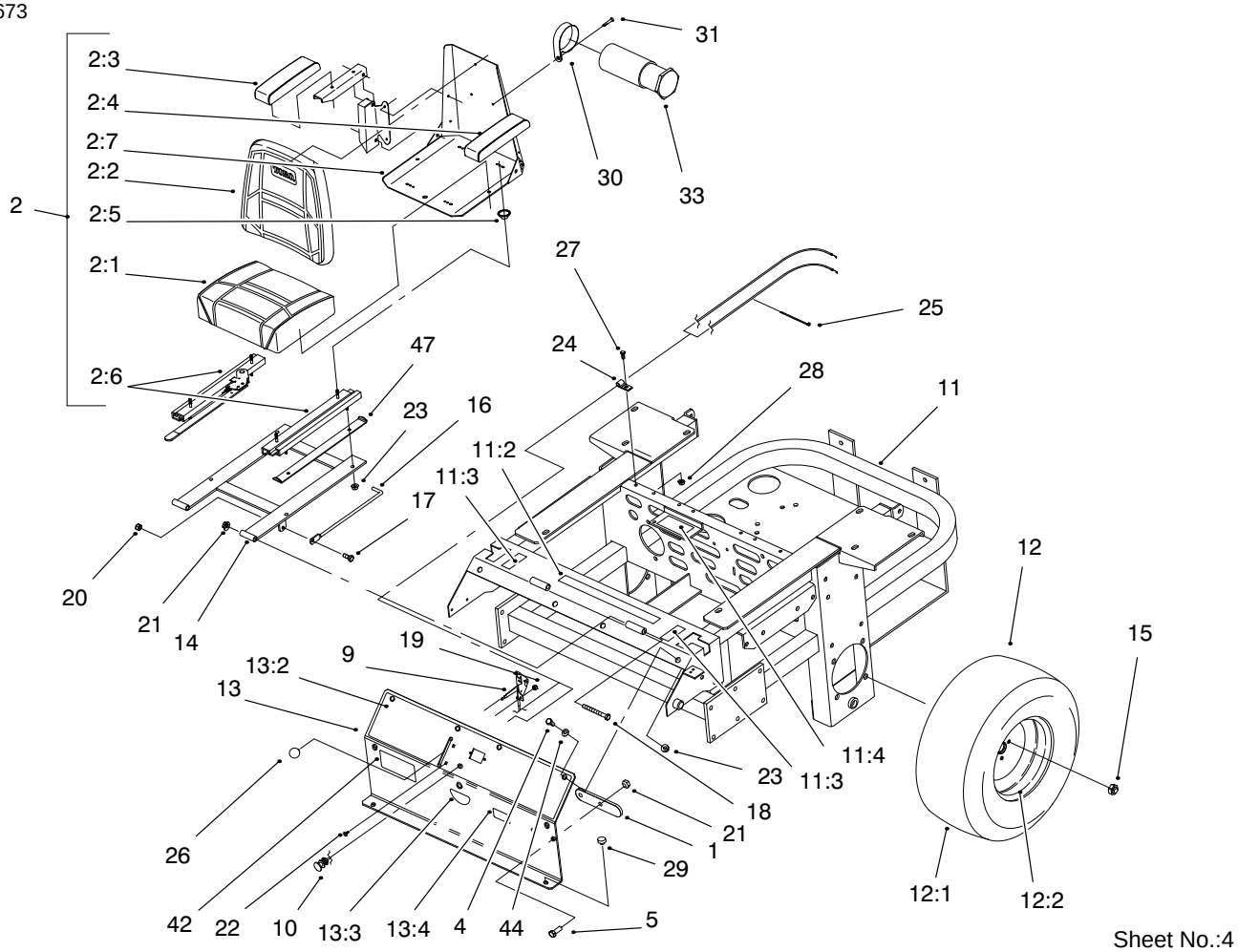
Sheet No.:3

Caster And Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	E543513	2	Cap–Grease
2	32146–14	2	Locknut
3	E633508	6	Washer–Belleview
4	254–94	4	Bearing–Cone
5	254–72	4	Cup–Bearing, Outer
7	E543511	2	Seal–Grease
8	E632511	2	Caster
9	100–2339	2	U–Bolt
10	100–2333–01	1	Bar – Weight
11	E634662	2	Caster Wheel ASM
11:1	254–78	2	Bearing–Roller, Cone
11:3	E633579	1	Spacer–Front Caster
11:4	E633580	2	Seal–Bearing
11:5	E633581	2	Spacer–Bearing
11:6	E633582	1	Wheel & Tire ASM
11:6:1	E633002	1	Tire
11:6:2	E633583	1	Wheel
11:6:3	254–79	2	Bearing–Roller, Cup
11:7	325–36	1	Screw–HH
11:8	3296–45	1	Nut–Lock Ni
12	3290–357	4	Nut–Lock
15	99–4646–01	3	Weight Bar ASM

Ref. No.	Part No.	Qty.	Description

3321–673

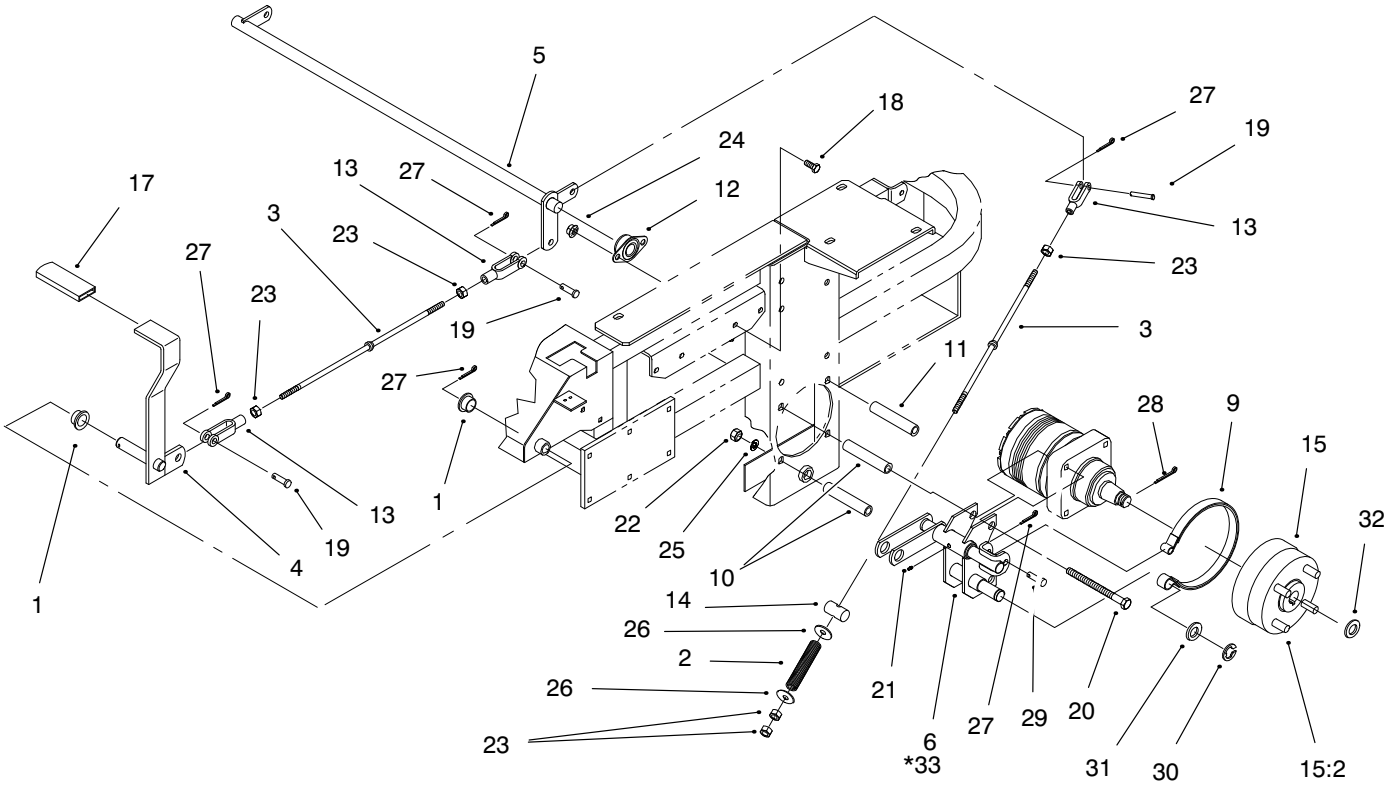


Sheet No.:4

Seat And Rear Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	E633964	1	Stop – Park Brake
2	E633705	1	Seat ASM w/Armrest
2:1	E543407	1	Cushion–Seat
2:2	E633709	1	Cushion–Backrest
2:3	E633710	1	Armrest – RH
2:4	E633711	1	Armrest – LH
2:5	E543401	4	Spacer–Track
2:6	E643255	1	Track–Locking, 4”
2:7	E633859	1	Frame–Seat
4	322–3	8	Screw–HH
5	323–6	2	Screw–HH
9	E633696	1	Cable–Throttle
10	E603336	1	Control–Choke, Push–Pull
11	99–4624	1	Frame ASM
11:2	E513747	1	Decal–Battery
11:3	E633354	2	Decal–Motion Control
11:4	E513929	1	Decal–Drive Release
12	E633007	2	Wheel & Tire ASM
12:1	E633008	1	Tire
12:2	E633009	1	Wheel
13	99–4623	1	Console ASM
13:2	99–4611	1	Decal–Control Panel
13:3	E633346	1	Decal–Fuel Valve
13:4	98–4387	1	Decal – Ear Protection
14	E632187	1	Frame–Seat

Ref. No.	Part No.	Qty.	Description
15	E513011	1	Nut–Wheel
16	E633293	1	Rod–Seat Holdup
17	322–5	1	Screw–HH
18	323–21	2	Screw–HH
19	32146–18	2	Nut–Lock
20	32146–4	2	Nut–Lock Ni
21	32146–2	4	Nut–Lock Ni
22	E807513	2	Bolt–CARR
23	32128–20	12	Nut–Hex Flange
24	E513762	1	Clip
25	E303335	1	Tie–Plastic
26	E513592	1	Knob–Ball, Red
27	321–4	1	Screw–HH
28	32128–33	1	Nut–Hex Flange
29	E513658	2	Bumper–Catcher, Grass
30	2412–120	2	R Clamp
31	32104–76	2	Screw–Acorn Slot
33	74–0720	1	Tube–Manual
42	99–4600	1	Decal – Z252L
44	3256–23	6	Washer–Flat
47	E633872	2	Spacer–Stop,Seat



Sheet No.:5

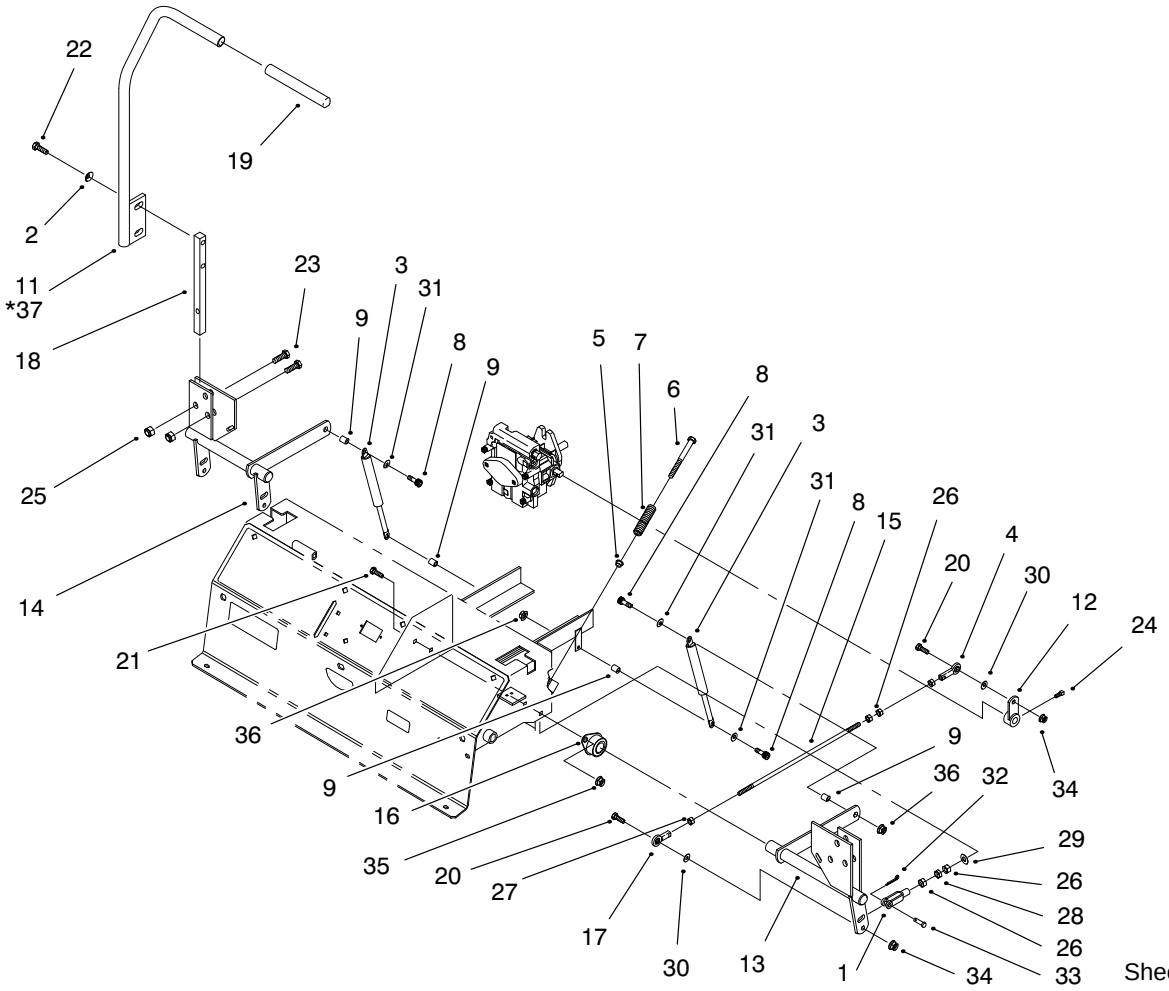
Brake And Wheel Hub Assembly

Ref. No.	Part No.	Qty.	Description
1	E513140	2	Bearing, Control
2	E633454	2	Spring–Brake
3	E633477	3	Rod–Brake
4	E632489	1	Lever–Brakepoint
5	E632217	1	Shaft–Brake
6	E632714	1	Bracket–Brake,LH
9	E633693	2	Brake Band
10	E633380	4	Spacer–Short, Wheel
11	E633382	4	Spacer–Long, Wheel
12	E633102	2	Bearing–Side Flange
13	E633131	4	Yoke–Brake Linkage
14	E633144	2	Pin–Trunion
15	E634927	2	Hub And Drum ASM
15:2	E633926	4	Stud–Wheel
17	E633268	1	Grip–Brake Lever
18	323–4	4	Screw–HH
19	E808285	4	Pin–Clevis
20	325–17	8	Screw–HH
21	E811007	2	Fitting–Grease
22	3217–9	8	Nut–Hex
23	3219–3	8	Nut–Hex
24	3290–357	4	Nut–Lock
25	3253–7	8	Washer–Lock/Sp
26	3256–4	4	Washer–Flat
27	3272–10	7	Pin–Cotter
28	E806800	2	Pin–Cotter

Ref. No.	Part No.	Qty.	Description
29	E808283	2	Pin–Clevis
30	E808514	2	Ring–Retaining
31	3256–28	2	Washer–Flat
32	E523157	2	Spacer
*33	E632715	1	Bracket–Brake, RH

* Not illustrated

3321–673



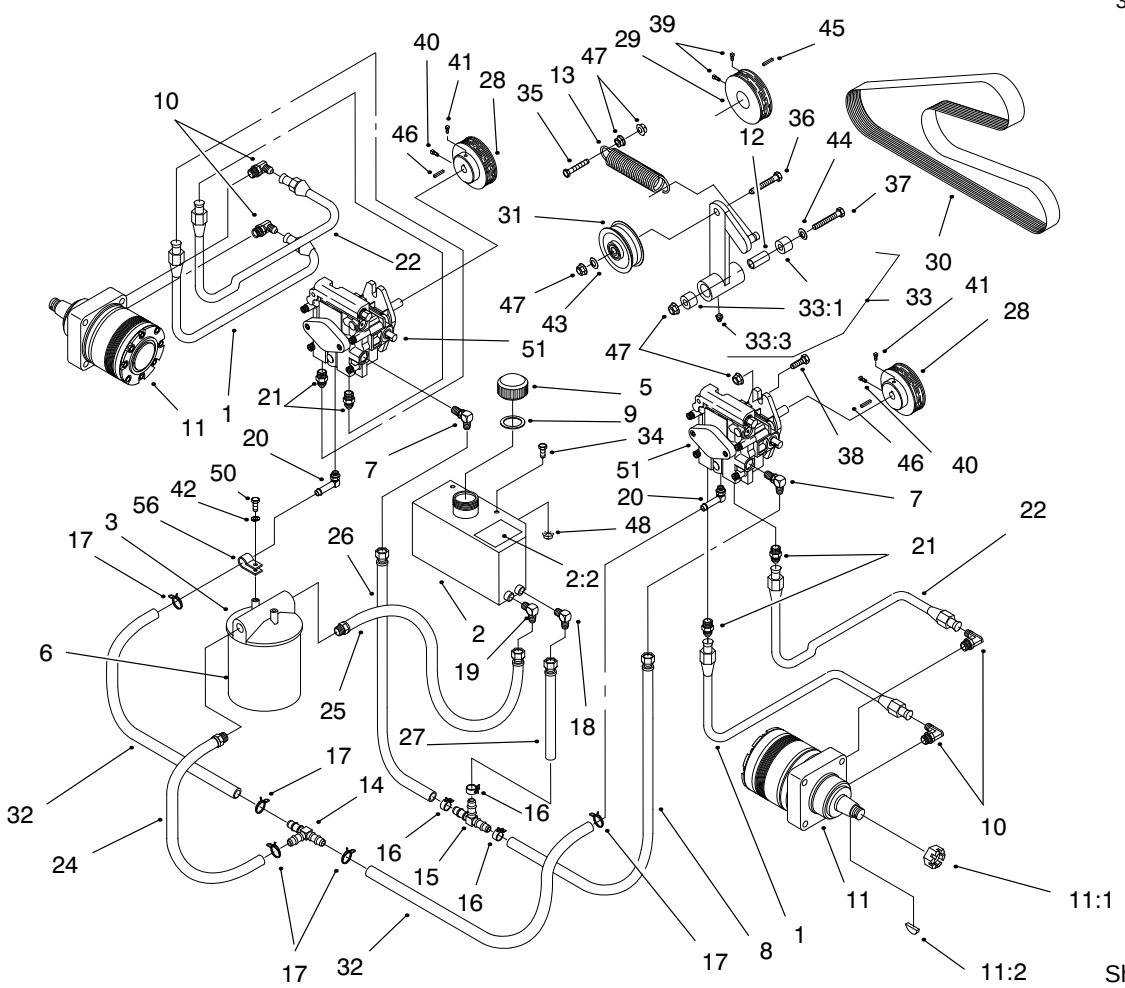
Sheet No.:6

Control Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	E303105	2	Yoke–Adjustable
2	98–5975	4	Washer
3	E523027	2	Damper–Control
4	E543017	2	Ball Joint
5	E603735	2	Bushing–Nylon Flanged
6	E603737	2	Bolt–Neutral Return
7	E603807	2	Spring–Neutral Return
8	E809057	4	Bolt–Shloulder
9	E603903	4	Spacer
11	E632193	1	Lever–RH
12	E632208	2	Arm–Pump Control
13	E632911	1	Motion Control
14	E632912	1	Motion Control
15	E633153	2	Linkage
16	E633102	4	Bearing–Side Flange
17	E633152	2	Ball Joint–LH Thread
18	E633177	2	Arm
19	E633257	2	Grip–Motion 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	E803022	2	Screw
25	32146–2	6	Nut–Lock Ni
26	3219–2	10	Nut–Hex

Ref. No.	Part No.	Qty.	Description
27	3220–20	2	Nut–Jam LH
28	3220–2	2	Nut–Jam
29	3256–2	2	Washer–Flat
30	3256–3	4	Washer–Flat
31	3256–23	4	Washer–Flat
32	3272–5	2	Pin–Cotter
33	E808280	2	Pin–Clevis
34	32128–20	4	Nut–Hex Flange
35	3290–357	8	Nut–Lock
36	32128–33	4	Nut–Hex Flange
*37	E632191	1	Lever–LH

* Not illustrated

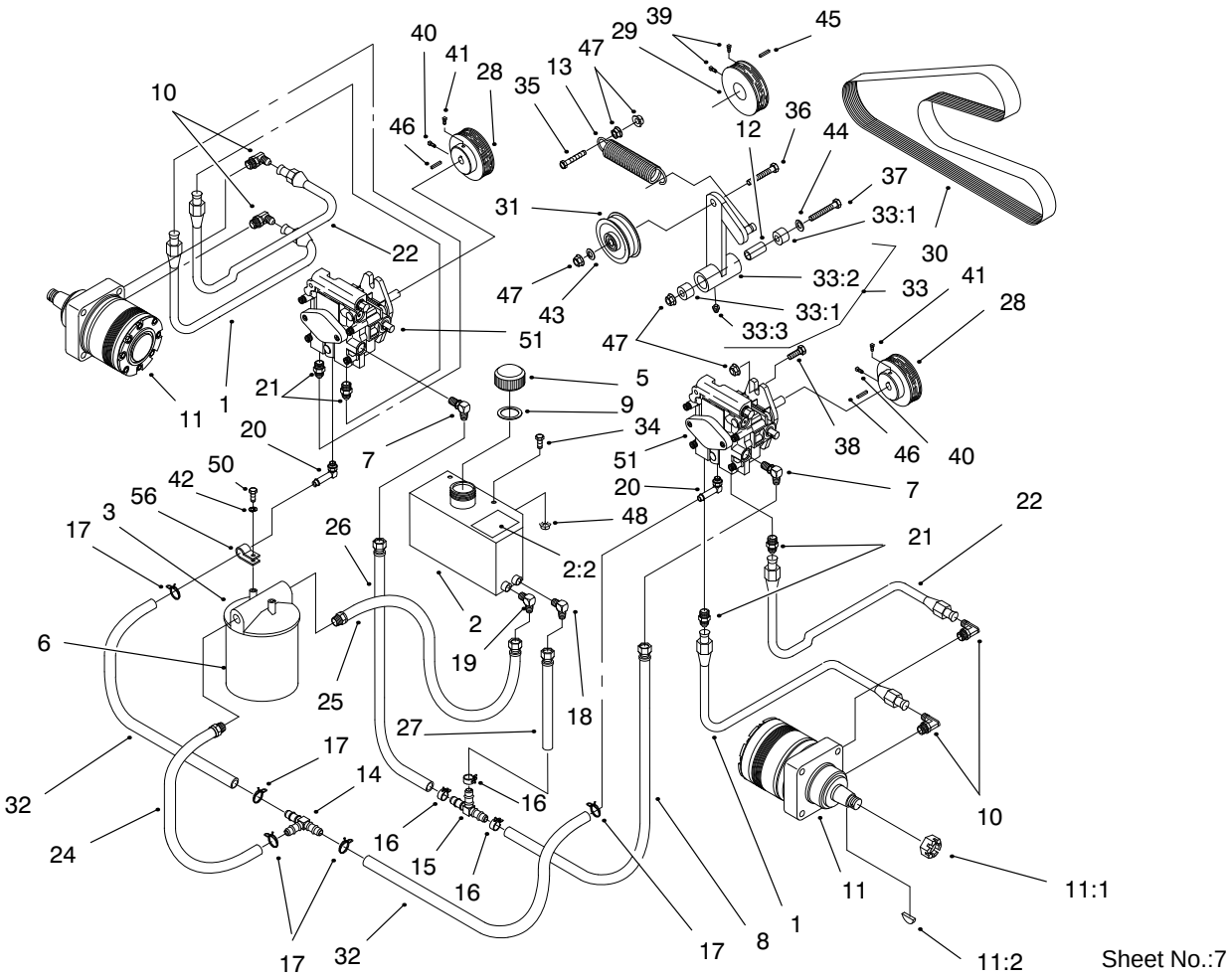


Sheet No.:7

Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	E633774	2	Hose–High Pressure
2	99–4625	1	Hydraulic Tank ASM
2:2	E523552	1	Decal – Hydraulic Tank, Hot Surface
3	E513006	1	Filter–Head
5	E513167	1	Cap–Hydraulic Reservior
6	E633750	1	Filter–Hydro
6	E633752	1	Filter–Winter Hydro
7	E513840	2	Elbow–90
8	E522217	1	Low Pressure Hose ASM
9	E523103	1	Gasket–Tank/Cap
10	E633786	4	Elbow 90°
11	E523328	2	Motor–Wheel
11:1	E809036	1	Nut–Castle
11:2	E807020	1	Woodruff–Key
12	E603384	1	Bushing–Idler Pivot
13	E603413	1	Spring–Extension
14	E603721	1	Fitting
15	E603722	1	Fitting
16	E603826	3	Clamp–Hose
17	E603827	5	Clamp–Hose
18	E603987	1	Elbow
19	E603988	1	Elbow
20	E603989	2	Elbow

Ref. No.	Part No.	Qty.	Description
21	E603990	4	Adapter
22	E633775	2	Hose–High Pressure
24	E632281	1	12” Low Pressure Hose ASM
25	E632282	1	13” Low Pressure Hose ASM
26	E632285	1	Hose–Low Pressure
27	E632286	1	Hose–Low Pressure
28	E633568	2	Sheave
29	E633567	1	Sheave
30	E633749	1	Belt
31	E633167	1	Pulley–Idler
32	E633335	2	Hose–Low Pressure
33	E634277	1	Arm ASM
33:1	E513034	2	Bearing–Pivot
33:3	E811008	1	Fitting–Grease
34	321–4	2	Screw–HH
35	323–8	1	Screw–HH
36	323–9	1	Screw–HH
37	E800805	1	Screw–HH
38	323–7	4	Screw–HH
39	E803022	2	Screw
40	3242–6	2	Screw–Sq Hd Set
41	3242–4	2	Screw–Sq Hd Set
42	3253–3	2	Washer–Lock/Sp
43	3256–3	1	Washer–Flat

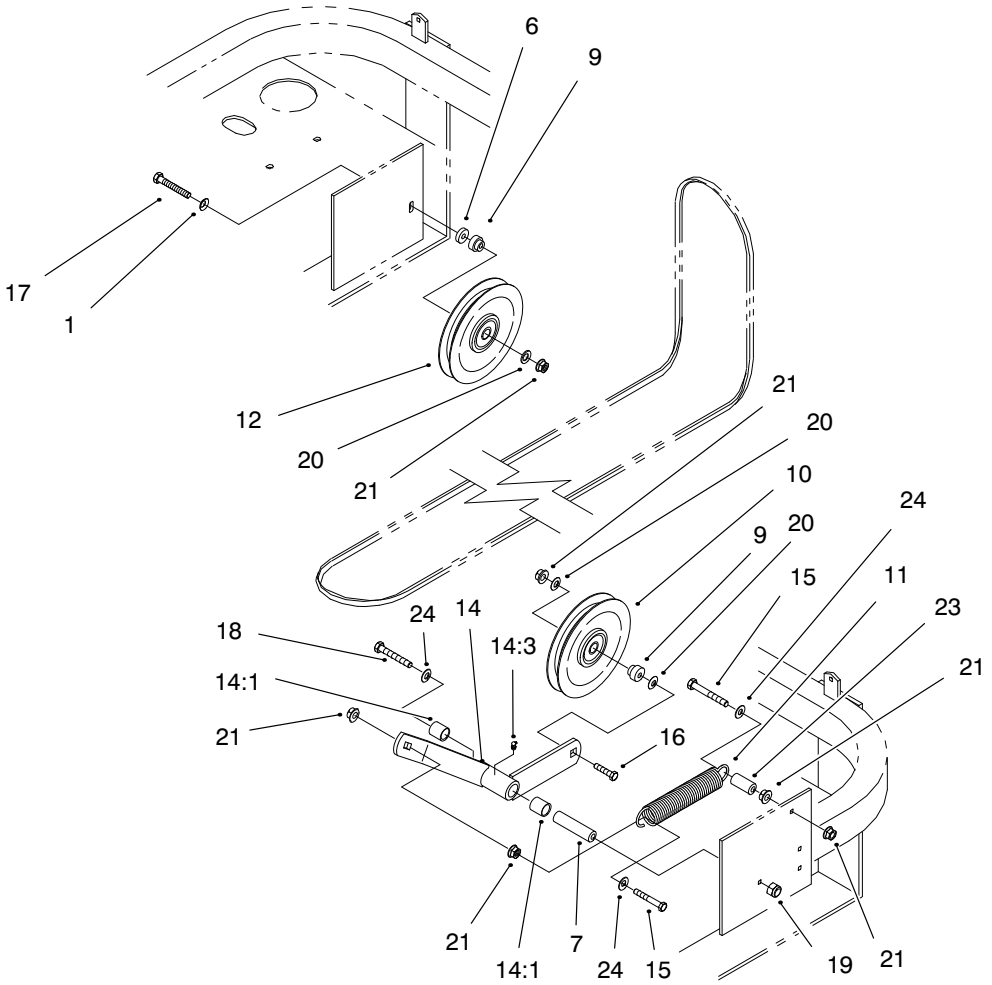


Sheet No.:7

Hydraulic System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
44	3256–4	1	Washer–Flat
45	13–2840	1	Square Key
46	E807272	2	Key
47	3290–357	8	Nut–Lock
48	32128–33	2	Nut–Hex Flange
50	321–3	2	Screw–HH
51	E603841	2	Pump–Hydro
56	E513762	1	Clip

Ref. No.	Part No.	Qty.	Description

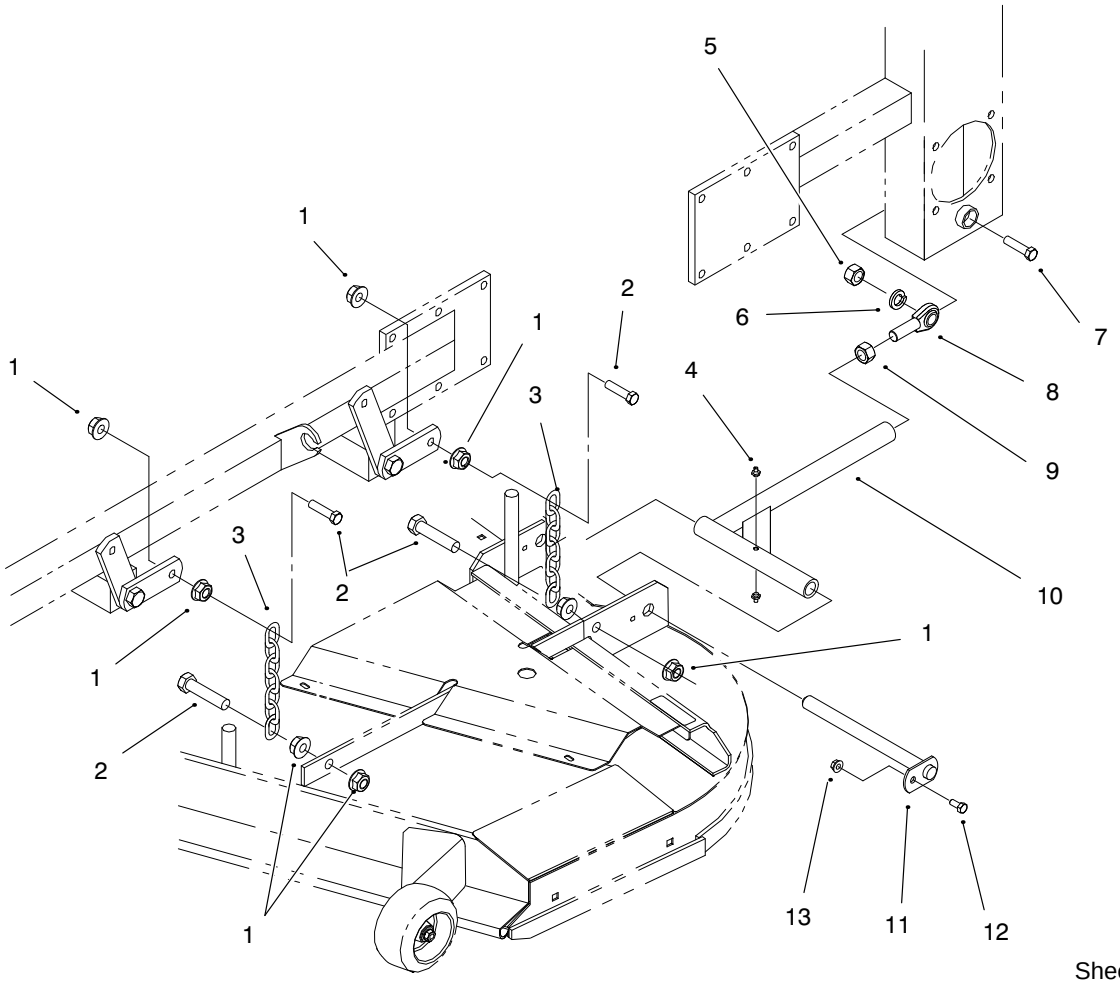


Sheet No.:10

Idler Assembly

Ref. No.	Part No.	Qty.	Description
1	98–5975	1	Washer
6	E603050	1	Bushing Spacer
7	E603384	1	Bushing–Idler Pivot
9	E603496	2	Bushing–Idler
10	E603805	1	Idler
11	E603402	1	Spring–Extension
12	E633166	1	Idler–Pulley
14	E632469	1	Arm ASM
14:1	E513034	2	Bearing–Pivot
14:3	E811008	1	Fitting–Grease
15	323–11	2	Screw–HH
16	323–9	1	Screw–HH
17	323–13	1	Screw–HH
18	E800805	1	Screw–HH
19	32146–2	1	Nut–Lock Ni
20	3256–24	4	Washer–Flat
21	3290–357	6	Nut–Lock
23	E603401	1	Spacer–Fender
24	3256–4	3	Washer–Flat

Ref. No.	Part No.	Qty.	Description

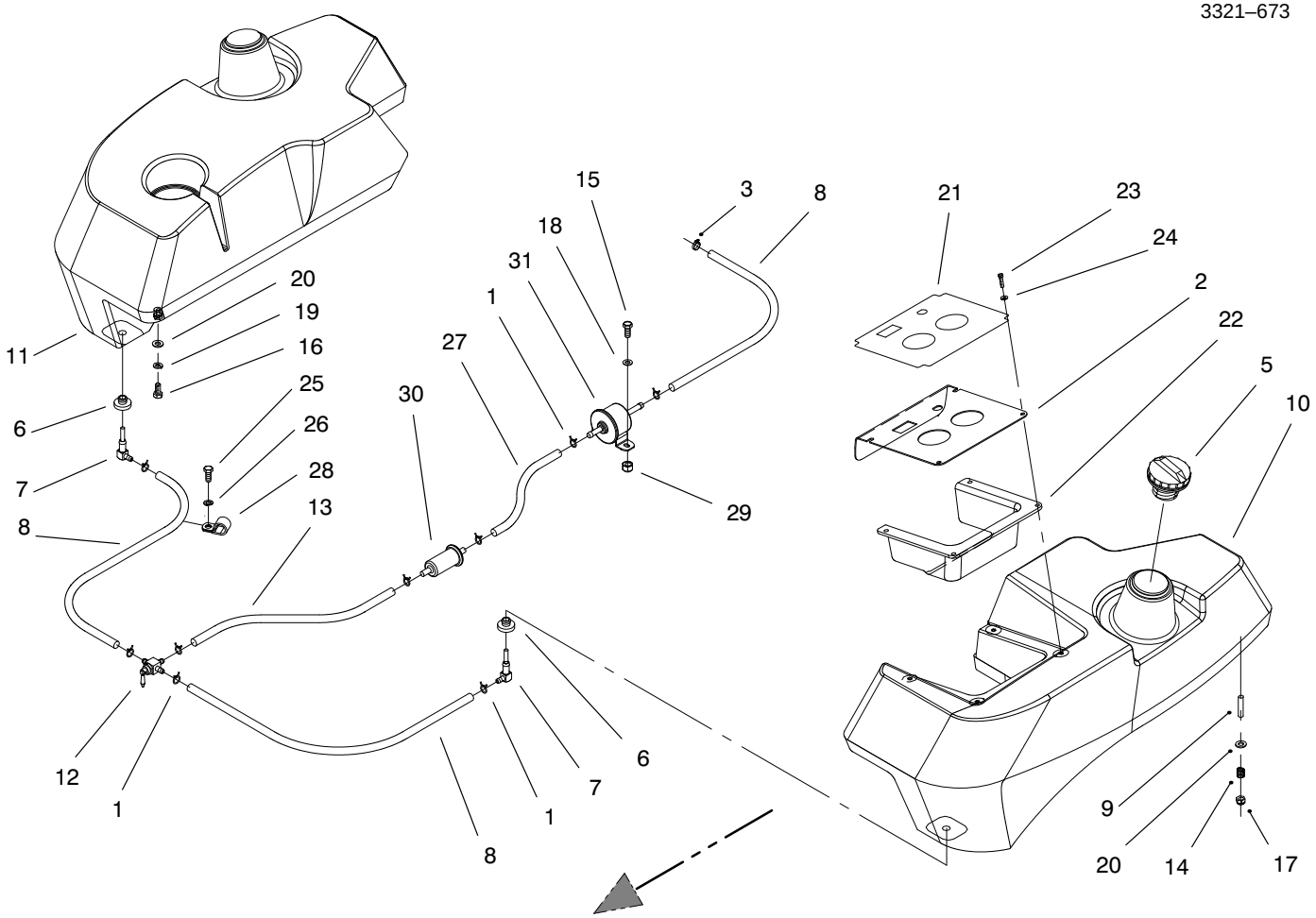


Sheet No.:12

Frame And Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	32128–37	16	Nut–Whizlock
2	324–6	8	Screw–HH
3	E633447	4	Chain – Deck Lift
4	302–19	4	Fitting – Grease
5	3217–11	2	Nut–Hex
6	3253–8	2	Washer–Lock/Sp
7	327–11	2	Screw–HH
8	E633029	2	End–Rod, Spherical
9	3219–6	2	Nut–Hex
10	E632690	2	Strut
11	E632199	2	Pin–Deck Strut
12	322–3	2	Screw–HH
13	32128–20	2	Nut–Hex Flange

Ref. No.	Part No.	Qty.	Description



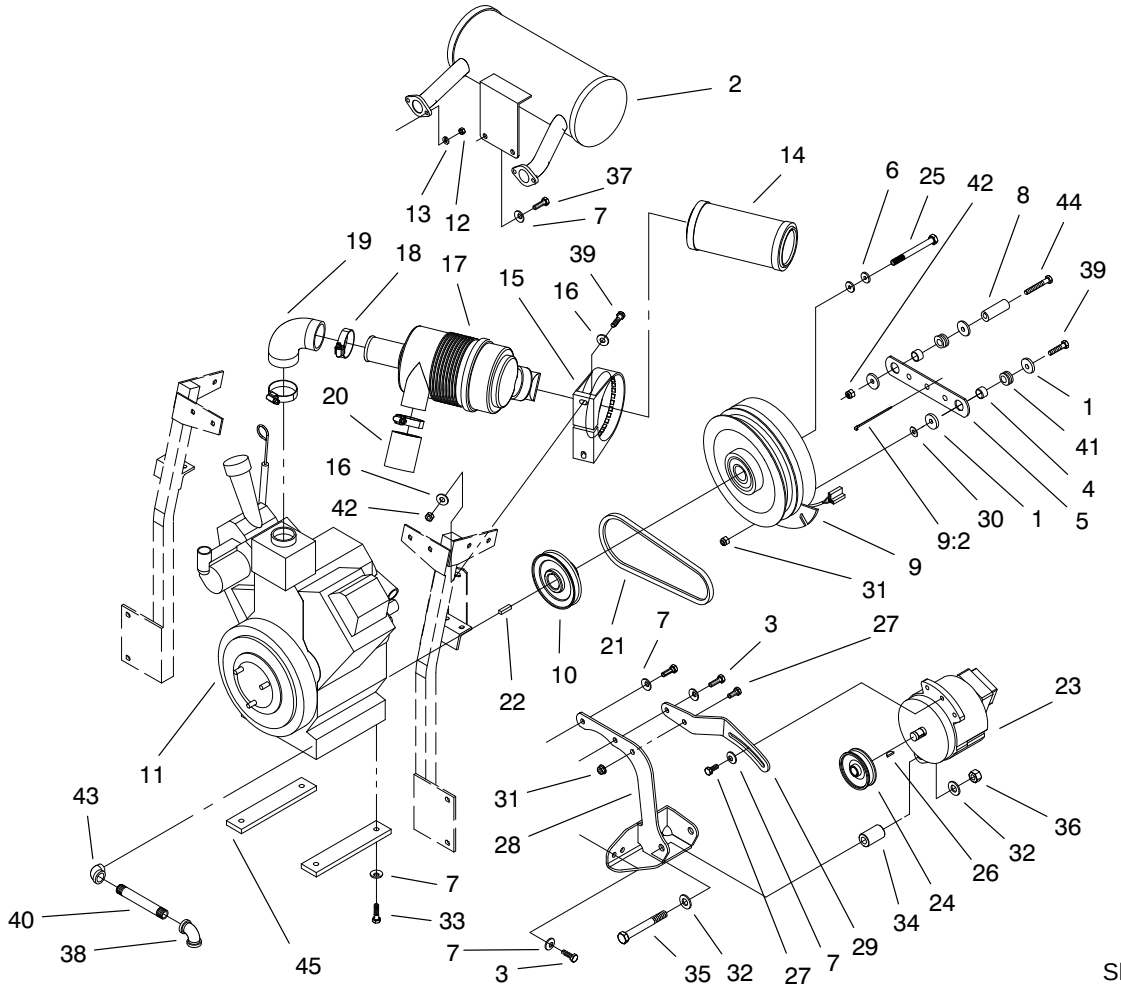
Sheet No.:13

Tank And Fuel Line

Ref. No.	Part No.	Qty.	Description
1	E303077	9	Clamp – Gas Line
2	99–4617	1	Panel – Control
3	E303308	1	Clamp – Fuel Line
5	93–3101	2	Cap–Fuel
6	E513645	2	Bushing–Valve, Fuel
7	E543277	2	Elbow–Fuel Tank
8	E543456	3	Fuel Line – 21.5
9	E633023	6	Stud
10	99–4608	1	Tank – LH Fuel
11	99–4607	1	Tank – RH Fuel
12	E633347	1	Valve–Fuel Line
13	E303426	1	Fuel Line
14	E633349	6	Spring–Fuel Tank
15	321–4	2	Screw–HH
16	322–3	4	Screw–HH
17	3296–29	6	Nut–Lock Ni
18	3256–2	2	Washer–Flat
19	3253–4	4	Washer–Lock/Sp
20	3256–23	10	Washer–Flat
21	99–4612	1	Decal–Control Panel
22	99–4940	1	Shield–Control Panel
23	E803071	4	Screw
24	E303435	4	Washer–Belleview
25	321–3	1	Screw–HH
26	3253–3	1	Washer–Lock/Sp
27	E643270	1	Fuel Line

Ref. No.	Part No.	Qty.	Description
28	E513762	1	Clip
29	32128–33	2	Nut–Hex Flange
‡30	49019–1055	1	Kawasaki Fuel Filter
‡31	49040–2065	1	Kawasaki Fuel Pump

‡ Obtain locally.



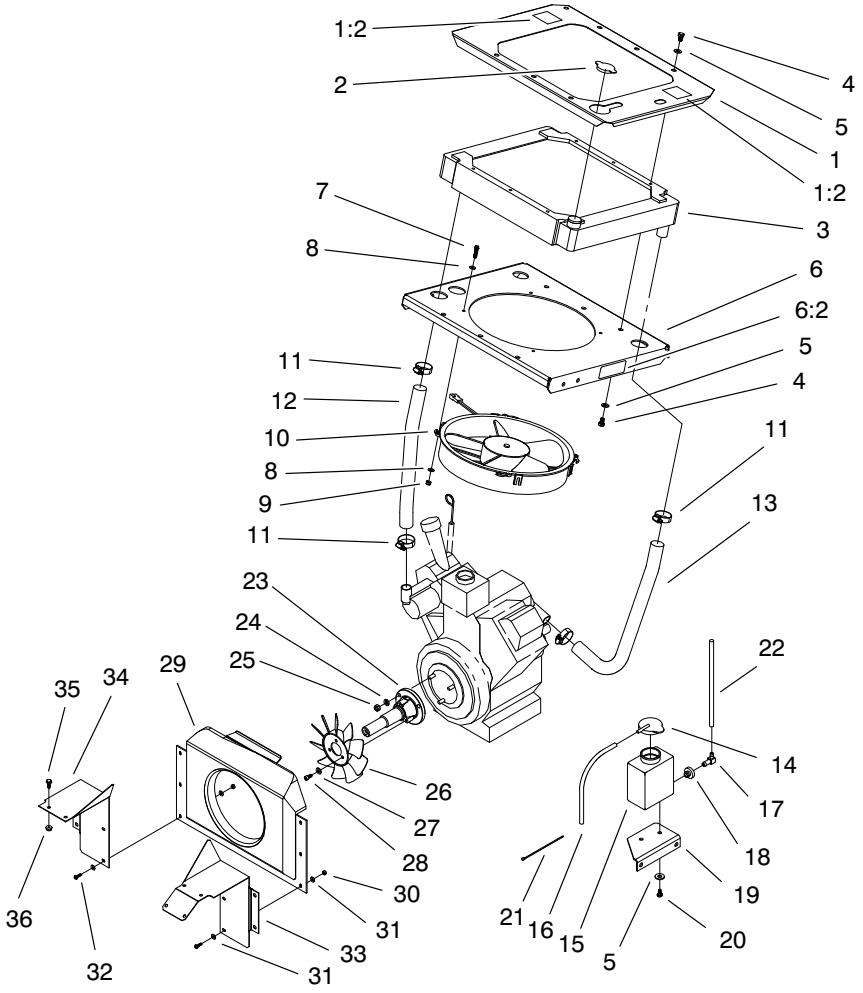
Sheet No.:14

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	E613235	4	Washer
2	E633832	1	Muffler
3	E809072	4	Screw–HH
4	E633545	2	Spacer–Grommet
5	E633543	1	Strap–Clutch/Brake
6	E603610	2	Washer – Spring, Disc
7	E303334	11	Washer–Disc Spring
8	E643008	1	Spacer – Anchor, Clutch
9	E631732	1	Clutch
9:2	E303335	1	Tie–Plastic
10	E633841	1	Sheave/Hub ASM
11	E633892	1	Engine–Kawasaki FD661D
12	33013–00	4	Nut–Hex
13	3253–3	4	Washer–Lock/Sp
14	93–2195	1	Filter
15	95–5806	1	Bracket – Mounting, Air Cleaner
16	3256–3	4	Washer–Flat
17	95–5805	1	Air Cleaner ASM
18	E643009	3	Clamp – Hose
19	E643083	1	Hose–Air Cleaner
20	E643084	1	Hose – Inlet, Air
21	E633853	1	Belt – Alternator
22	E807259	1	Key

Ref. No.	Part No.	Qty.	Description
23	E633881	1	Alternator
*23:1	E643158	1	Regulator – Alternator
*23:2	E643159	1	Brushes – Alternator
24	E633882	1	Sheave – Alternator
25	E809096	1	Screw – HH
26	E807004	1	Key
27	322–3	1	Screw–HH
28	E632835	1	Bracket – Alternator
29	E633838	1	Arm–Tension, Alt.
30	3256–3	1	Washer–Flat
31	32128–20	2	Nut–Hex Flange
32	3256–26	2	Washer–Flat
33	E809018	4	Screw – HH
34	E633839	1	Spacer
35	325–17	1	Screw–HH
36	32146–13	2	Nut–Eslok
37	E809026	2	Screw – HH
38	E303428	1	Elbow
39	322–6	3	Screw–HH
40	E643167	1	Nipple
41	E633630	2	Grommet
42	3296–39	3	Nut–Lock Ni
43	E403124	1	Elbow – Street
44	322–38	1	Screw–HH
45	E643007	2	Spacer – Engine

* Not illustrated

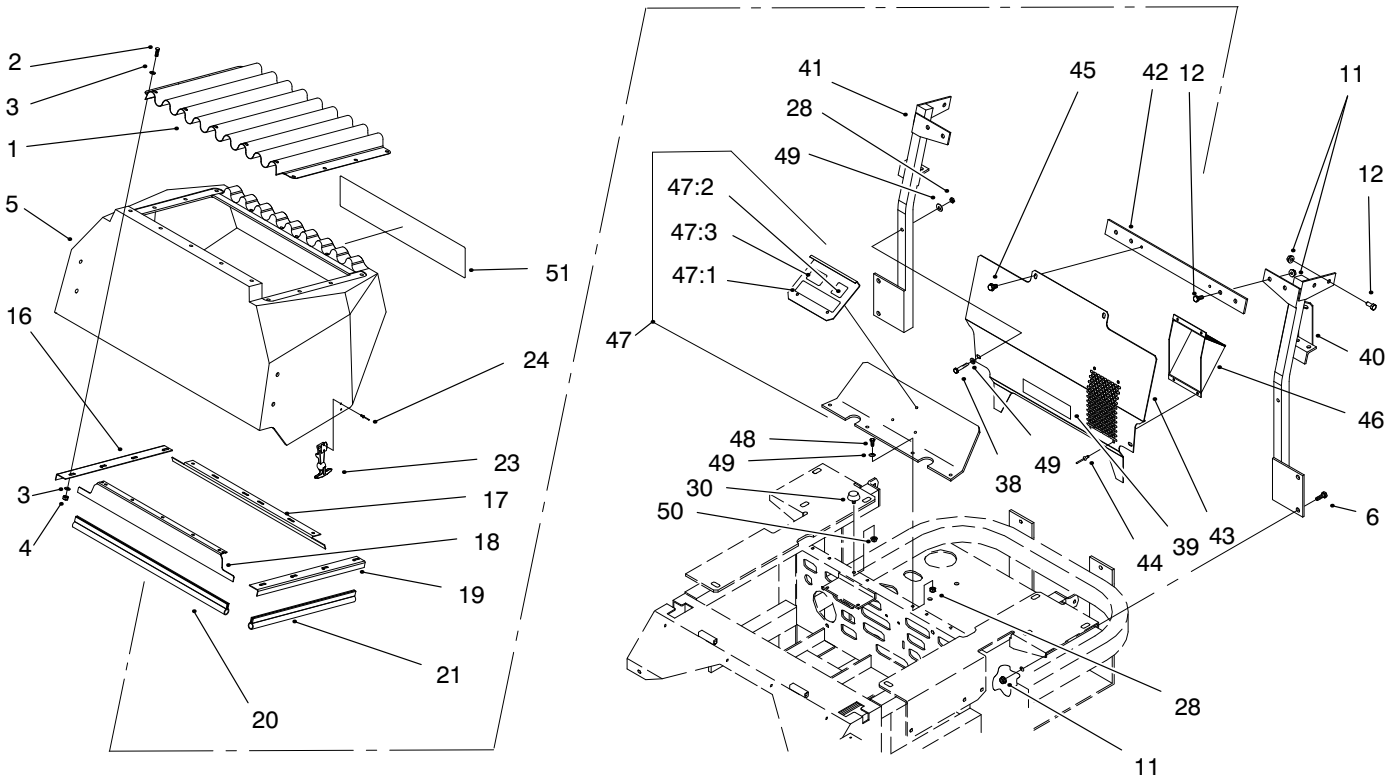


Sheet No.:15

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	99–4645	1	Radiator Trim Plate ASM
1:2	65–2690	2	Decal–Hot Surface
2	E643161	1	Cap – Radiator
3	E633829	1	Radiator – Horizontal Mount
4	322–1	12	Screw–HH
5	3256–23	14	Washer–Flat
6	99–4644	1	Fan Mounting Plate ASM
6:2	E643253	2	Decal – Fan, Radiator
7	E803067	4	Screw – Hswh Machine
8	E805254	8	Washer – Flat
9	E804254	4	Nut – HH, Nyloc
10	E633831	1	Fan ASM – High Profile, 12 Inch
11	E633989	4	Clamp – Hose
12	E633894	1	Hose – Inlet, Radiator
13	E633895	1	Hose – Return, Radiator
14	E643164	1	Cap – Tank, Overflow
15	E643163	1	Tank – Overflow
16	E643131	1	Hose
17	E643259	1	Elbow – 90 Degree
18	E513645	1	Bushing–Valve, Fuel

Ref. No.	Part No.	Qty.	Description
19	E643024	1	Bracket – Bottle
20	321–2	2	Screw–HH
21	E303287	3	Tie–Plastic
22	E643129	1	Hose
23	E633851	1	Extension – Crankshaft
24	3253–4	3	Washer–Lock/Sp
25	E809099	3	Nut – Hex
26	E633869	1	Fan – Cooling, Pump
27	3256–22	3	Washer–Flat
28	E809095	3	Screw – HSH
29	E633854	1	Shroud – Cooling Fan, Pump
30	32146–18	6	Nut–Lock
31	3256–14	12	Washer–Flat
32	E803028	6	Screw
33	E643143	1	Shield – LH
34	E633794	1	Shield – RH
35	321–4	6	Screw–HH
36	32128–33	6	Nut–Hex Flange

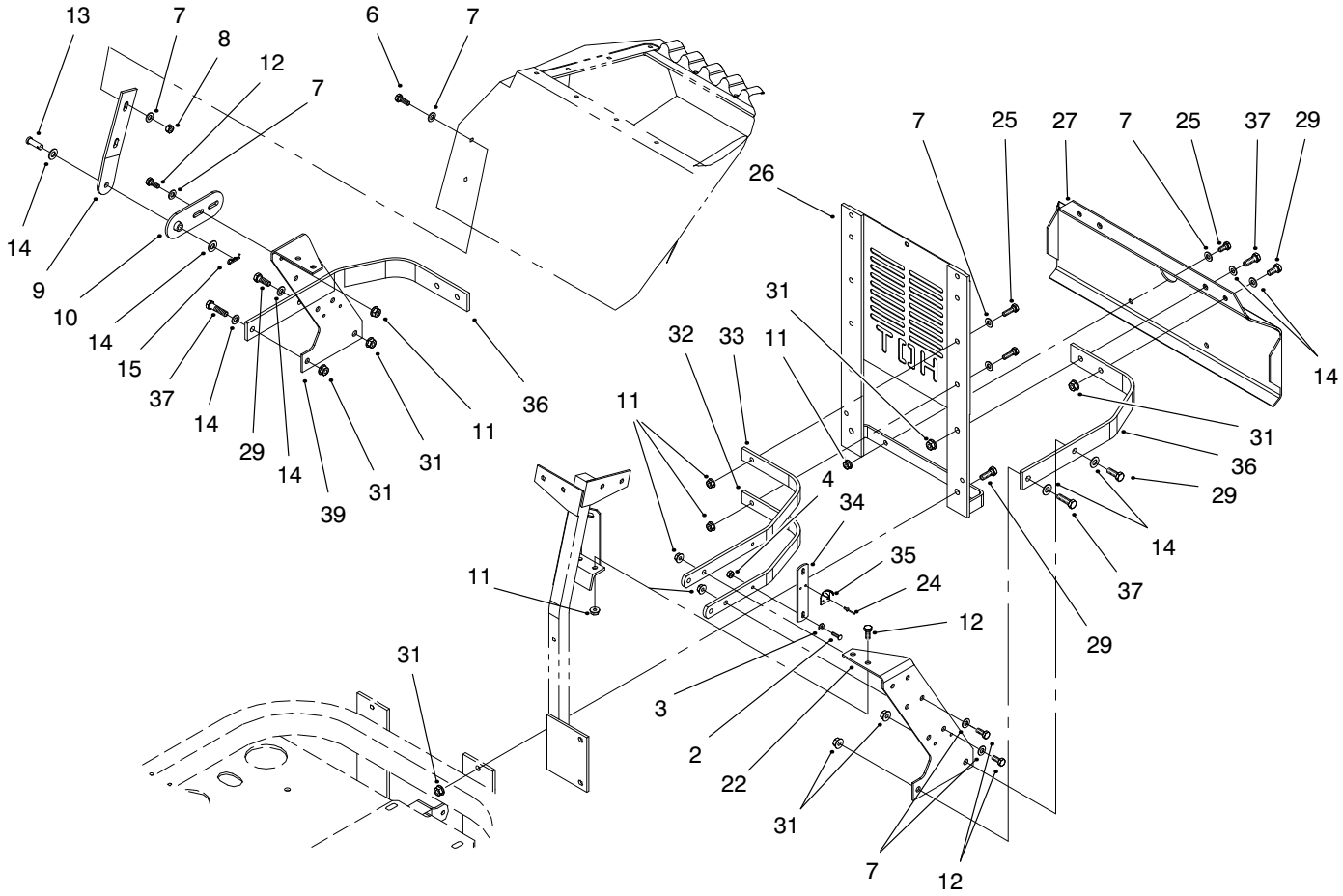


Sheet No.:16

Rear Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	E633864	1	Screen – Intake, Radiator
2	E803069	17	Screw – HSBH
3	3256–14	34	Washer–Flat
4	32146–18	17	Nut–Lock
5	E633858	1	Hood – Engine
6	322–4	4	Screw–HH
11	32128–20	12	Nut–Hex Flange
12	322–3	8	Screw–HH
16	E643106	1	Angle – Trim, Radiator
17	E643108	1	Angle – Trim, Radiator
18	E643107	1	Angle – Trim, Radiator
19	E643105	1	Angle – Trim, Radiator
20	E643187	2	Seal – Trim
21	E643186	2	Seal – Trim
23	E643188	2	Latch – Rubber
24	E803056	4	Rivet
28	32146–17	6	Nut–Lock
30	E523420	2	Bumper
38	321–9	2	Screw–HH
39	E633771	1	Decal – Belt, Pump
40	E632984	1	Radiator Brace ASM, LH
41	E632985	1	Radiator Brace ASM, RH
42	E633878	1	Crossbar

Ref. No.	Part No.	Qty.	Description
43	E643087	1	Deflector – Air
44	E803010	4	Rivet – Pop
45	E809086	2	Screw – Tapping
46	E643096	1	Plenum – Intake, Air
47	E634862	1	Shield & Decal ASM
47:1	E643252	1	Decal – Drive, Belt
47:2	E513748	1	Decal–Guard
47:3	E633462	1	Decal–Important
48	321–4	4	Screw–HH
49	E805256	6	Washer – Flat
50	E809012	2	Nut – Whizlock
51	99–4621	1	Decal–Z Master Liquid Cooled

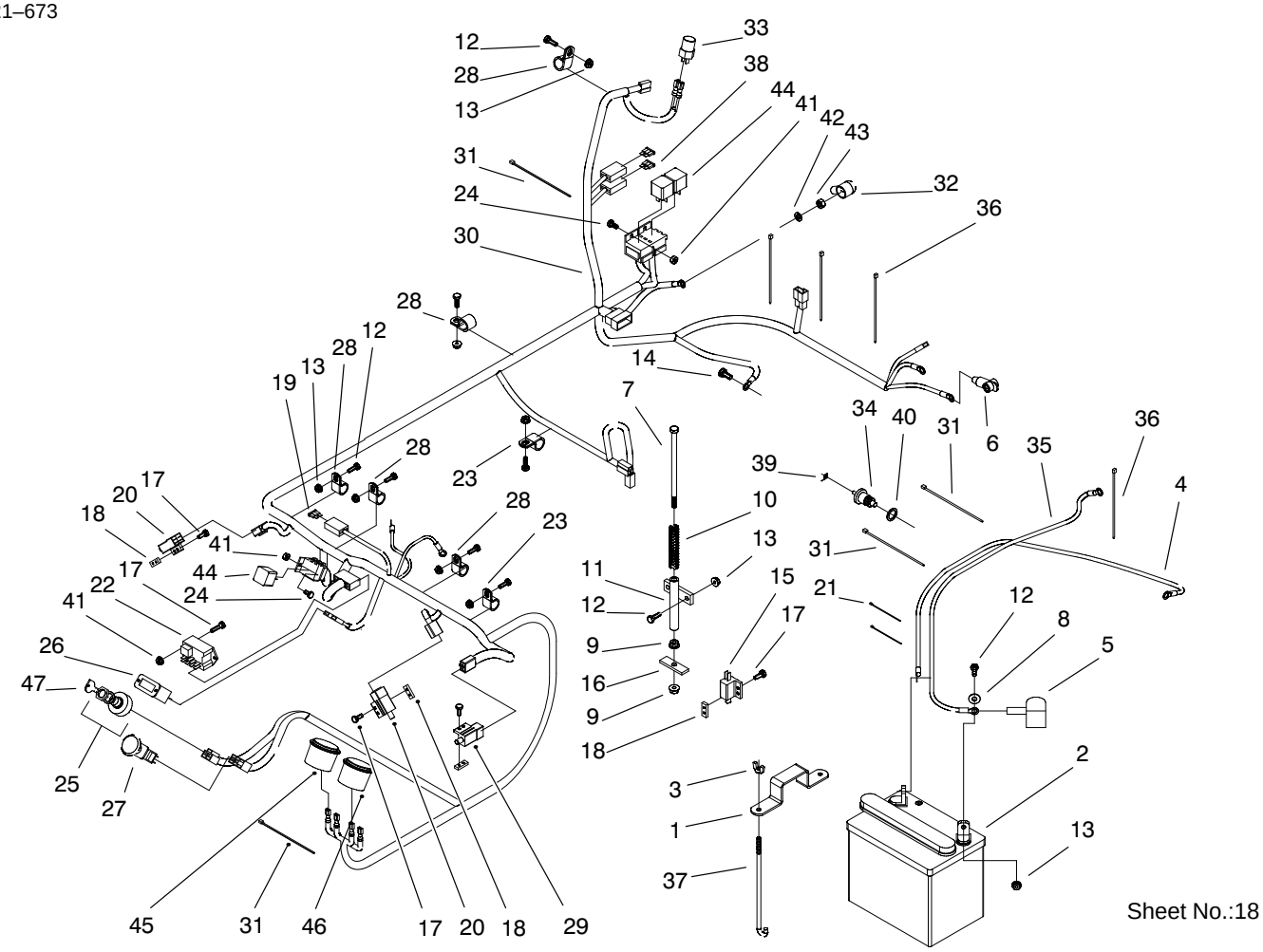


Sheet No.:17

Rear Bumper Assembly

Ref. No.	Part No.	Qty.	Description
2	E803069	4	Screw – HSBH
3	3256–14	4	Washer–Flat
4	32146–18	4	Nut–Lock
6	322–4	4	Screw–HH
7	3256–23	25	Washer–Flat
8	32146–4	4	Nut–Lock Ni
9	E633885	2	Plate – Hinge, Hood
10	E632986	2	Shackle Hinge ASM
11	32128–20	25	Nut–Hex Flange
12	322–3	16	Screw–HH
13	E808285	2	Pin–Clevis
14	3256–24	12	Washer–Flat
15	E806003	2	Pin–Hair Cotter
22	E633900	1	Plate – Mount, Radiator
24	E803056	4	Rivet
25	322–5	9	Screw–HH
26	E632873	1	Rear Radiator Mount ASM
27	E633886	1	Bumper – Rear
29	323–6	6	Screw–HH
31	3290–357	10	Nut–Lock
32	E633897	2	Rib – Top
33	E633898	2	Rib – Bottom
34	E633877	2	Bar – Hook, Latch

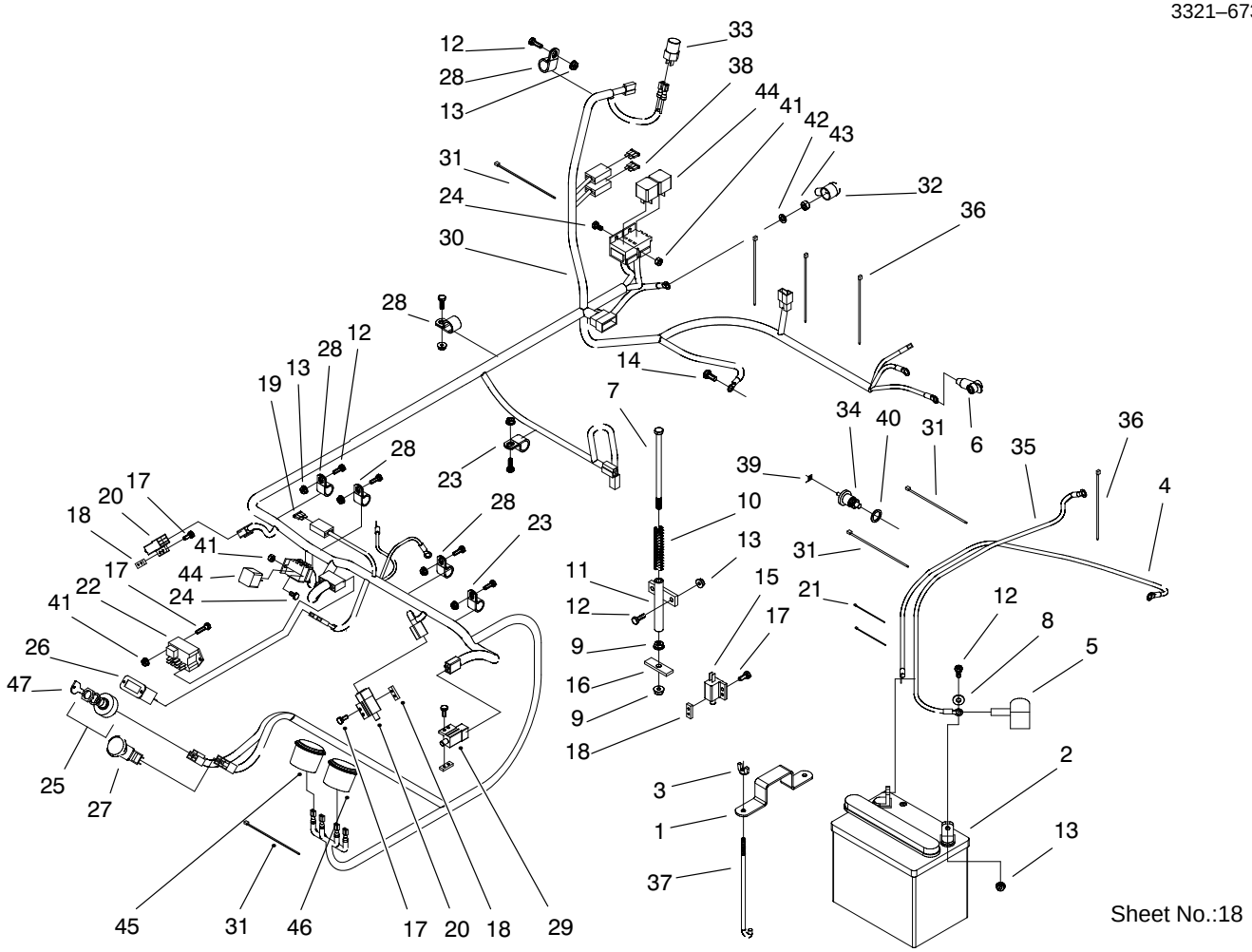
Ref. No.	Part No.	Qty.	Description
35	E643189	2	Keeper – Latch, Rubber
36	E633896	2	Bar – Frame, Radiator Mount
37	323–7	4	Screw–HH
39	E633901	1	Plate – Mount, Radiator



Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	E633652	1	Strap–Battery Hold Down
2	E603479	1	Battery–12v
3	E543792	2	Wingnut–Nyloc
4	E633307	1	Wire–Ground
5	E543391	1	Insulator–Battery
6	E643178	1	Cap – Insulator, Alternator
7	E800282	1	Screw–HH
8	3256–2	2	Washer–Flat
9	32128–20	2	Nut–Hex Flange
10	E523415	1	Spring–Switch, Seat
11	E522424	1	Spring Mount
12	321–4	11	Screw–HH
13	32128–33	11	Nut–Hex Flange
14	E809026	1	Screw – HH
15	E513152	1	Switch–Seat
16	E513180	1	Actuator – Switch, Seat
17	E803028	10	Screw
18	E633181	4	Plate–Tapped
19	E816001	1	Fuse–Blade Type 20 Amp
20	E633111	2	Switch–Drive Lever
21	E303287	6	Tie–Plastic

Ref. No.	Part No.	Qty.	Description
22	E633856	1	Module – Interlock, Ignition
23	E513762	2	Clip
24	E803071	3	Screw
25	E543070	1	Switch–Ignition
26	E513374	1	Meter–Engine Hours
27	E633673	1	Switch–PTO
28	E633396	5	Clip – Loom
29	E633110	1	Switch–Brake
30	E643205	1	Harness – Wiring, Toro
31	E303335	4	Tie–Plastic
32	E543393	1	Insulator–Solenoid
33	E633833	1	Switch – Fan, Thermal
34	E643036	1	Sender Unit – Temperature
35	E523279	1	Cable – Battery
36	E643115	3	Tie – Plastic
37	E633651	2	Bolt–Battery Hold Down
38	E816003	2	Fuse – 30 Amp
39	E643145	1	Tab
40	E643153	1	Washer – Sender Gasket, Aluminum
41	32146–18	5	Nut–Lock
42	3253–4	1	Washer–Lock/Sp
43	33014–00	1	Nut–Hex

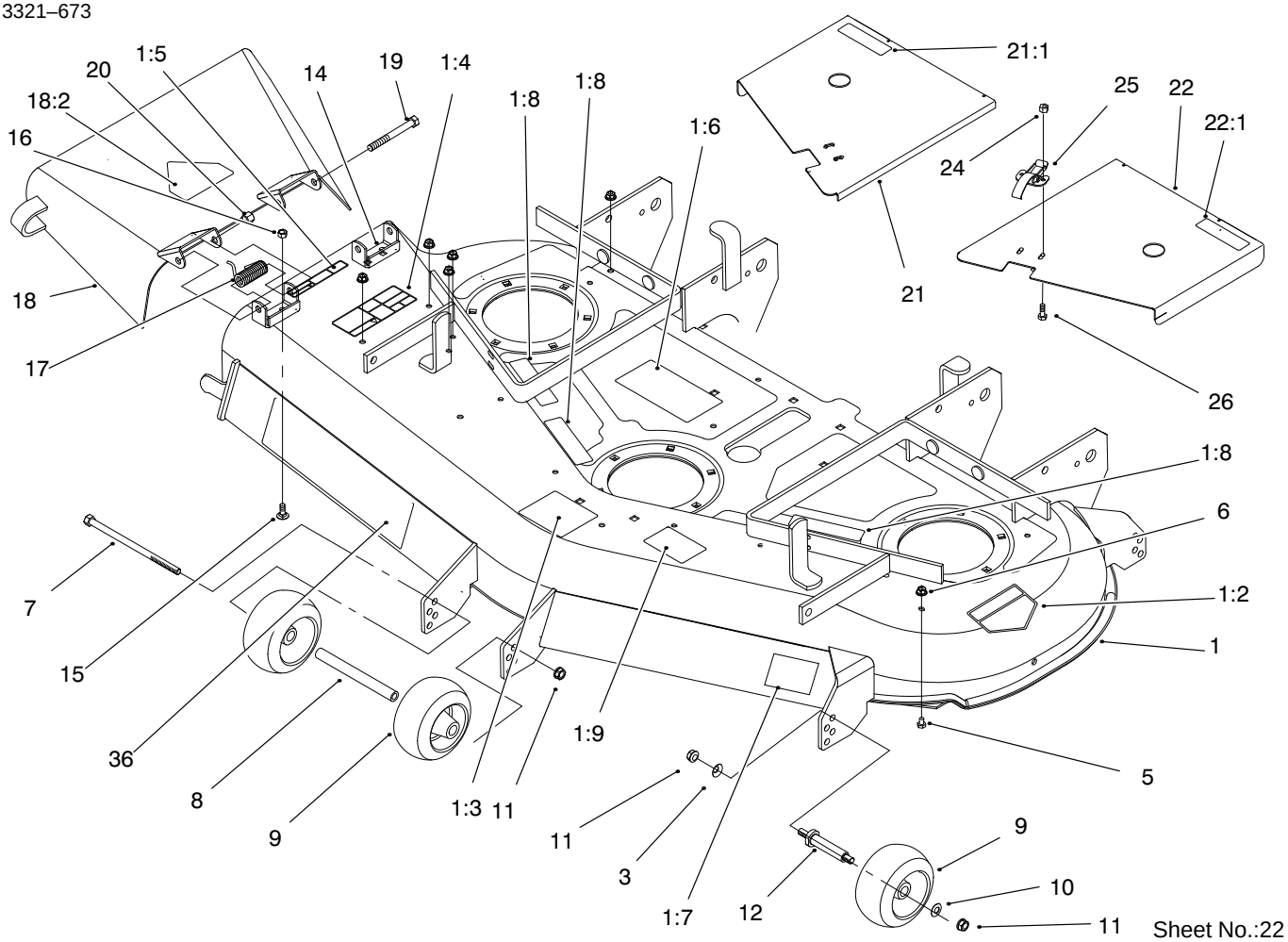


Sheet No.:18

Electrical Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
44	E643275	3	Relay
45	E643037	1	Gauge – Voltmeter
46	E643021	1	Gauge – Temperature
47	63–8360	2	Key–Ignition w/Shield

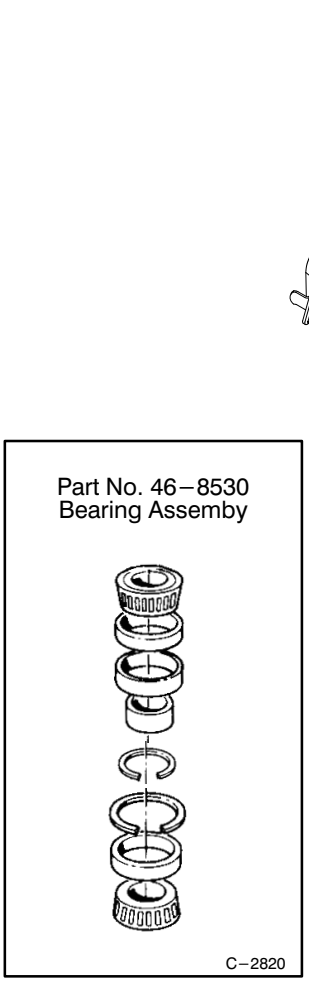
Ref. No.	Part No.	Qty.	Description

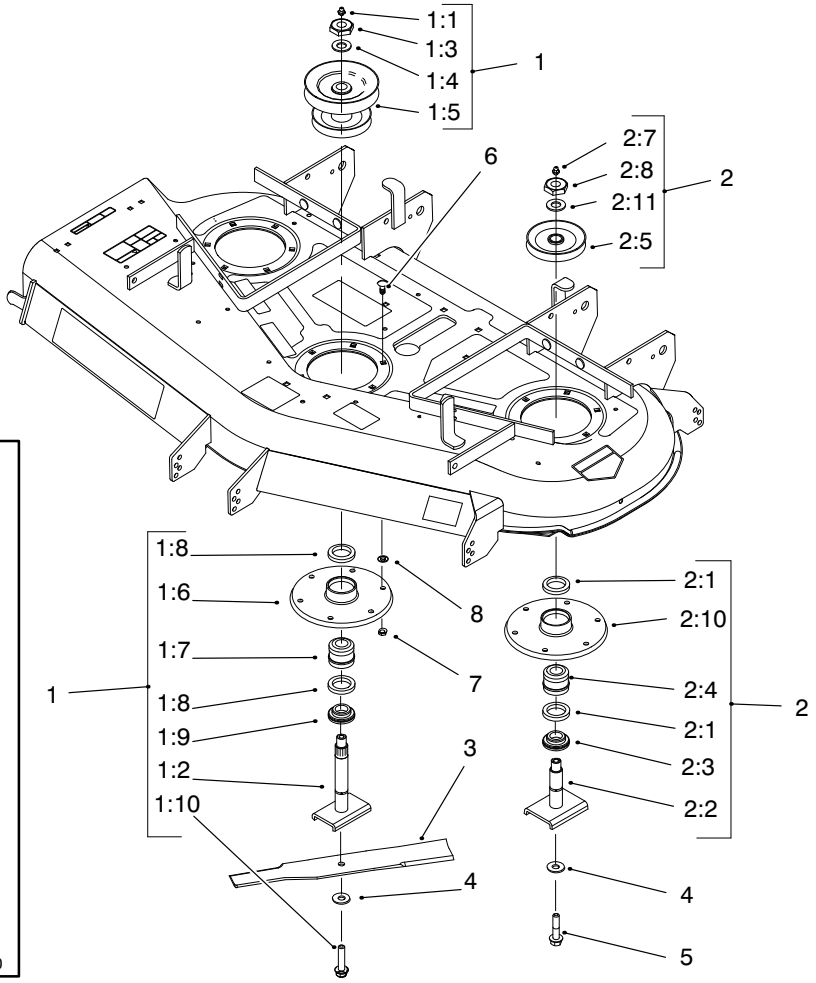


Deck, Wheels And Deflector Assembly

Ref. No.	Part No.	Qty.	Description
1	100–2338	1	Deck ASM
1:2	43–8480	1	Decal–Danger
1:3	98–3798	1	Decal–Gage Wheel
1:4	66–1340	1	Decal–Danger
1:5	66–6380	1	Decal–Danger
1:6	98–3799	1	Decal–Belt Routing
1:7	98–3269	1	Decal–Made In USA
1:8	98–5954	3	Decal–Cover Missing
1:9	93–7818	1	Decal–Blade Bolt Torque
3	98–5975	3	Washer
5	321–1	6	Screw–HH
6	32128–33	6	Nut–Hex Flange
7	323–28	1	Screw–HH
8	98–5967	1	Spacer–Wheel
9	68–2730	5	Gage Wheel
10	E373034	3	Washer–Swivel
11	3290–357	7	Nut–Lock
12	99–2842	3	Spacer–Wheel
14	29–5590–01	2	Bracket–Pivot
15	3230–18	4	Screw–CARR
16	32152–1	4	Nut–Lock
17	40–6230	2	Spring
18	98–5984	1	Deflector ASM
18:2	54–9220	1	Decal–Danger
19	3211–15	2	Screw–HH

Ref. No.	Part No.	Qty.	Description
20	3296–5	2	Nut–Lock Ni
21	98–5963	1	Assembly – RH Cover
21:1	67–5360	1	Decal–Danger
22	98–5965	1	Assembly – LH Cover
22:1	67–5360	1	Decal–Danger
24	32128–17	4	Nut–Flange Lock
25	249–21	2	Clamp–Slotted
26	3290–321	4	Screw–HWH
36	98–5953	1	Decal–SFS



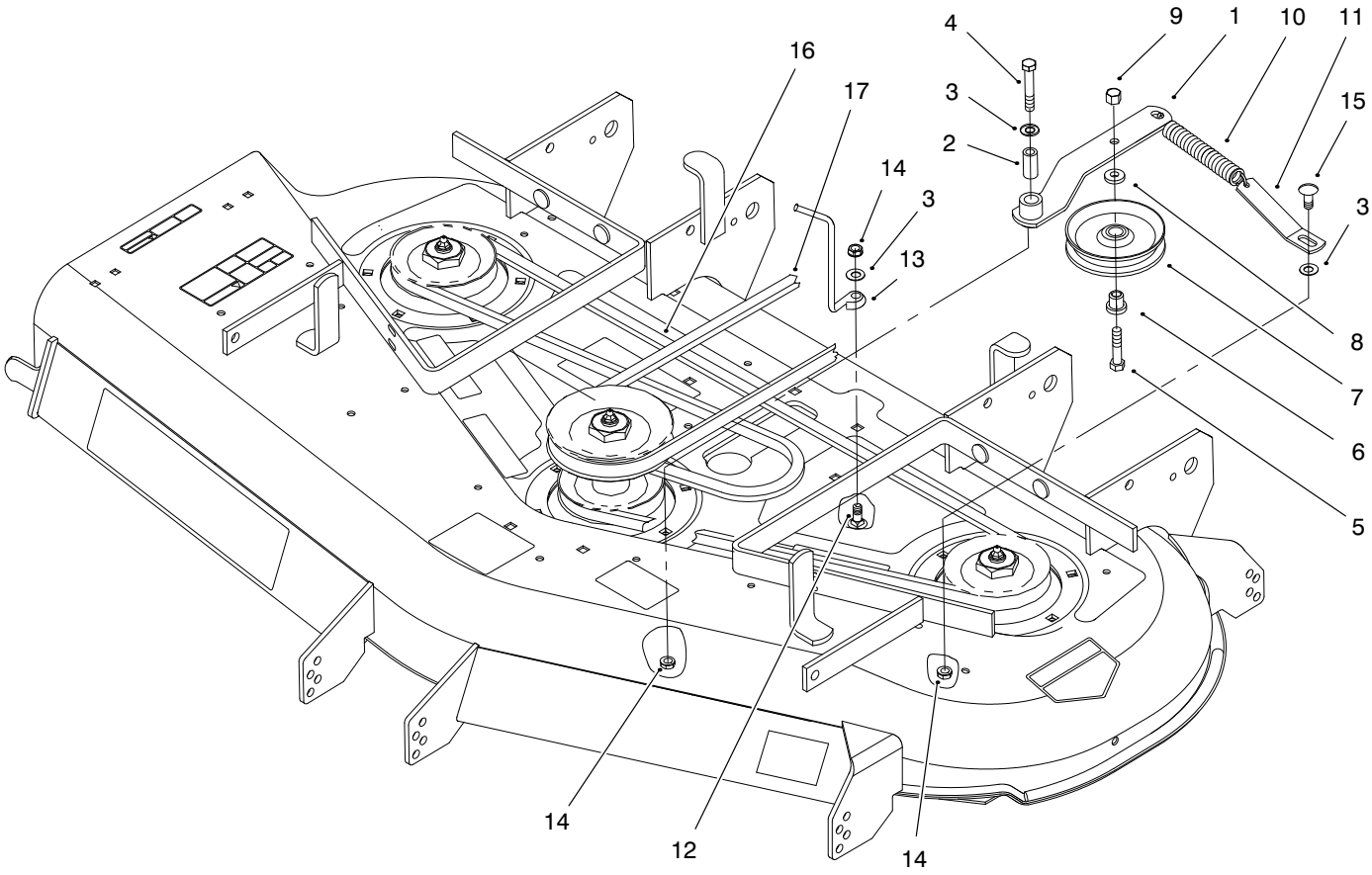


Sheet No.:23

Deck And Pulleys Assembly

Ref. No.	Part No.	Qty.	Description
1	100–2313	1	Spindle Housing ASM
1:1	302–2	1	Fitting–Grease
1:2	51–3551	1	Shaft–Spindle
1:3	32146–20	1	Nut–Jam
1:4	92–5836	1	Washer – Axle
1:5	100–2312	1	Pulley And Hub ASM
1:6	61–4160	1	Spindle
1:7	46–8530	1	Bearing ASM
1:8	253–139	2	Seal–Oil
1:9	27–0950	1	Spacer–Bearing, Spindle
1:10	92–5816	1	Flangebolt–Blade
2	99–4639	2	Spindle ASM
2:1	253–139	2	Seal–Oil
2:2	27–0920	1	Shaft–Spindle
2:3	27–0950	1	Spacer–Bearing, Spindle
2:4	46–8530	1	Bearing ASM
2:5	99–4613	1	Pulley & Hub
2:7	302–2	1	Fitting–Grease
2:8	32146–20	1	Nut–Jam
2:10	61–4160	1	Spindle
2:11	7–4150	1	Washer–Pinion
3	27–0990	3	Blade
4	E513435	3	Washer–Spring
5	92–5816	2	Flangebolt–Blade

Ref. No.	Part No.	Qty.	Description
6	3231–22	16	Screw–CARR
7	32128–21	16	Nut–Flange Lock
8	3256–24	1	Washer–Flat

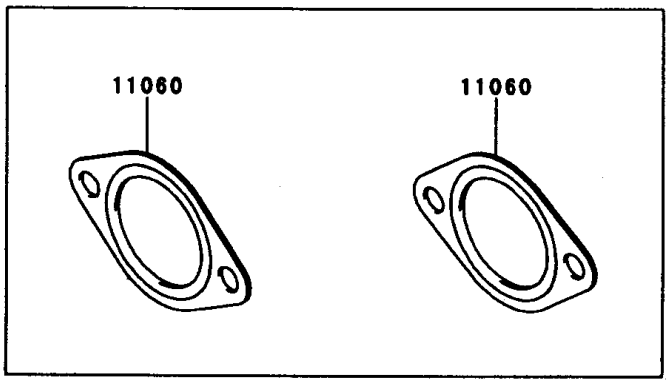


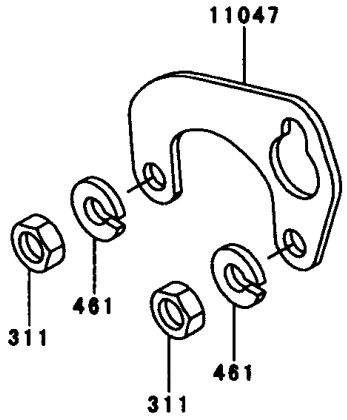
Sheet No.:24

Deck, Belts And Idler Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	55–7640–03	1	Idler Arm
2	51–3640	1	Idler Pivot Sleeve
3	3256–24	3	Washer–Flat
4	323–11	1	Screw–HH
5	3211–8	1	Screw–HH
6	65–5950	1	Bushing–Pulley
7	65–5940	1	Idler Pulley
8	7–0081	1	Washer – Flat
9	3296–5	1	Nut–Lock Ni
10	51–3650	1	Spring – Extension
11	55–7650	1	Spring Plate
12	3231–22	1	Screw–CARR
13	98–5980	1	Guide – Belt
14	32128–21	3	Nut–Flange Lock
15	3231–28	1	Screw–CARR
16	27–1160	1	Deck Belt
17	100–2314	1	52” Belt Eng/Deck

Ref. No.	Part No.	Qty.	Description

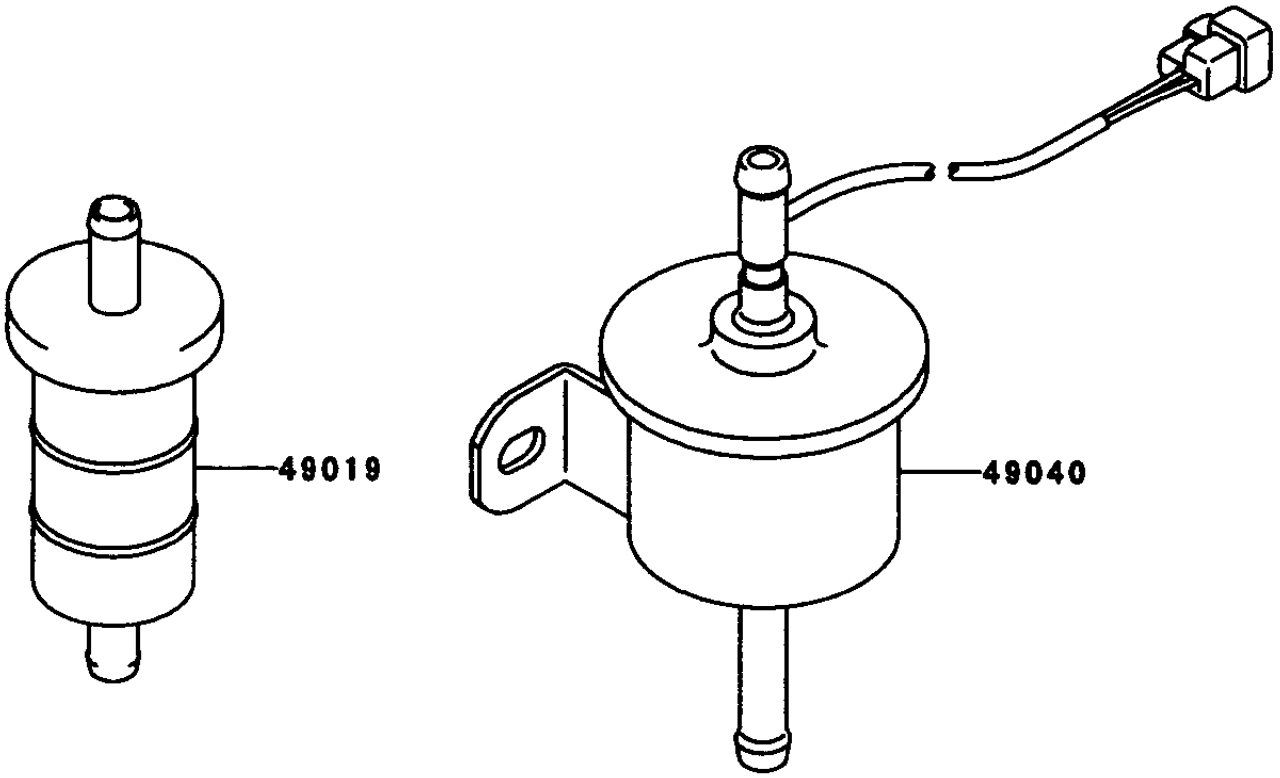




Air Filter/Muffler – Kawasaki FD661D S03

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

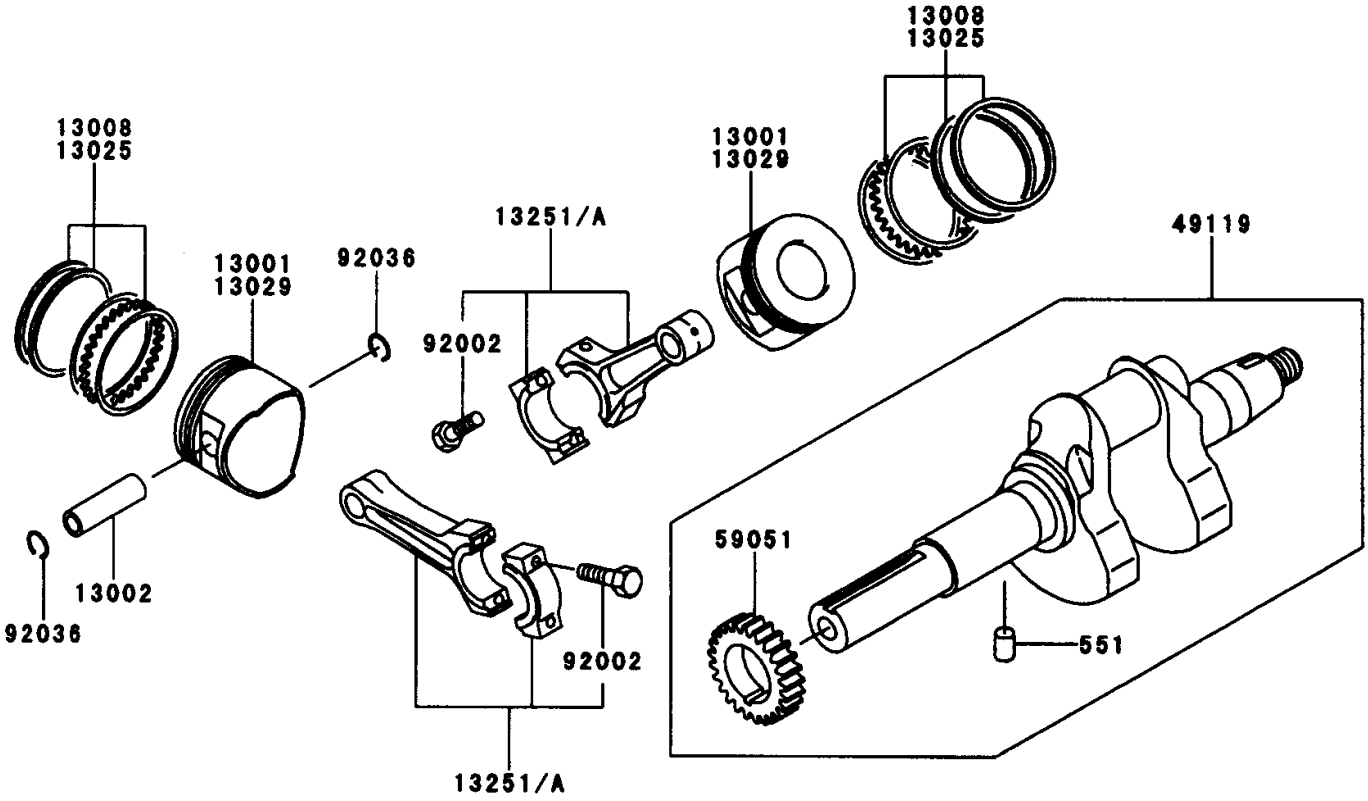
Ref. No.	Part No.	Qty.	Description



Fuel–Tank/Fuel–Valve – Kawasaki FD661D S03

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

Ref. No.	Part No.	Qty.	Description

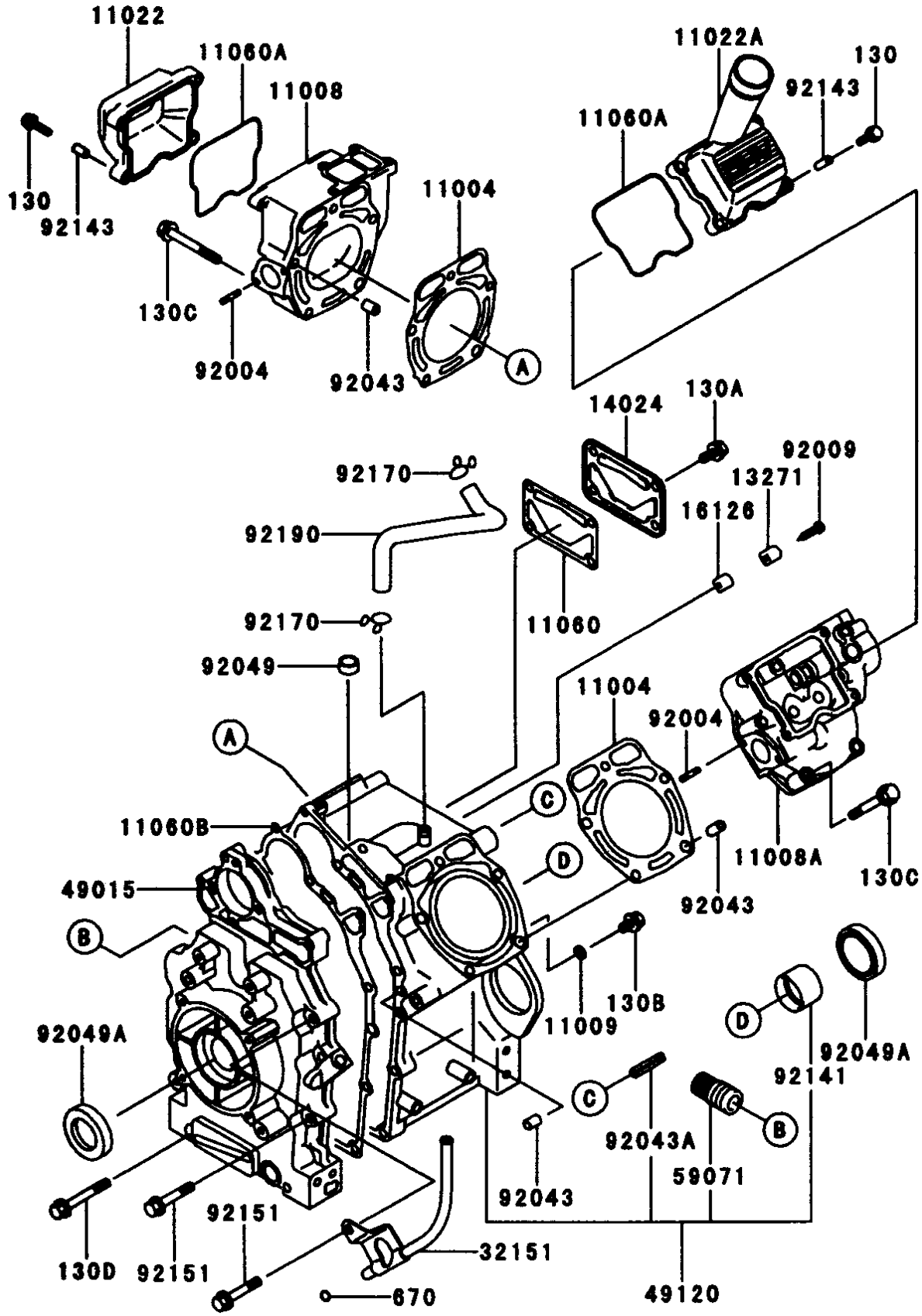


Piston/Crankshaft – Kawasaki FD661D S03

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 S03

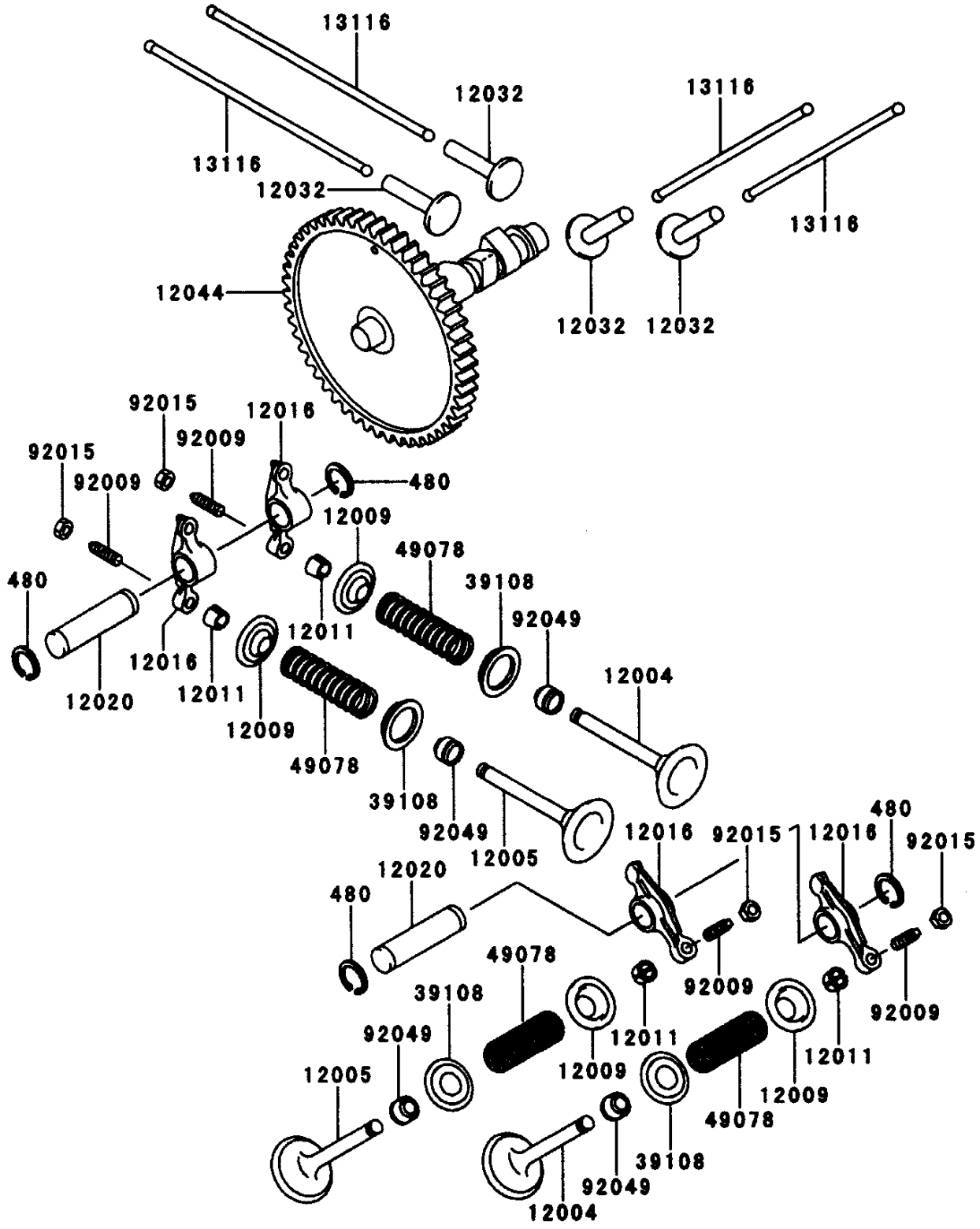


Cylinder/Crankcase – Kawasaki FD661D S03

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 S03

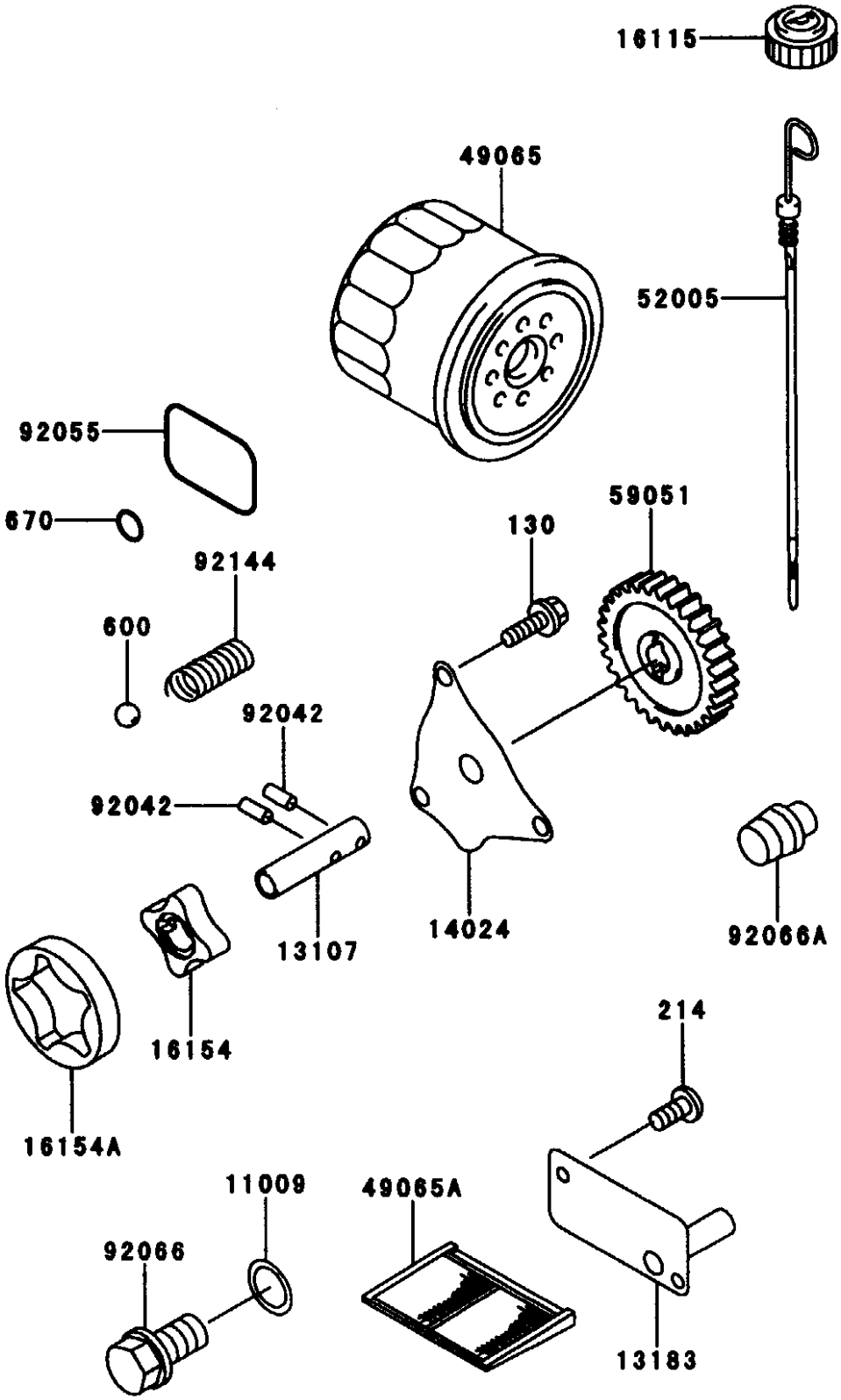


Valve/Camshaft – Kawasaki FD661D S03

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 S03

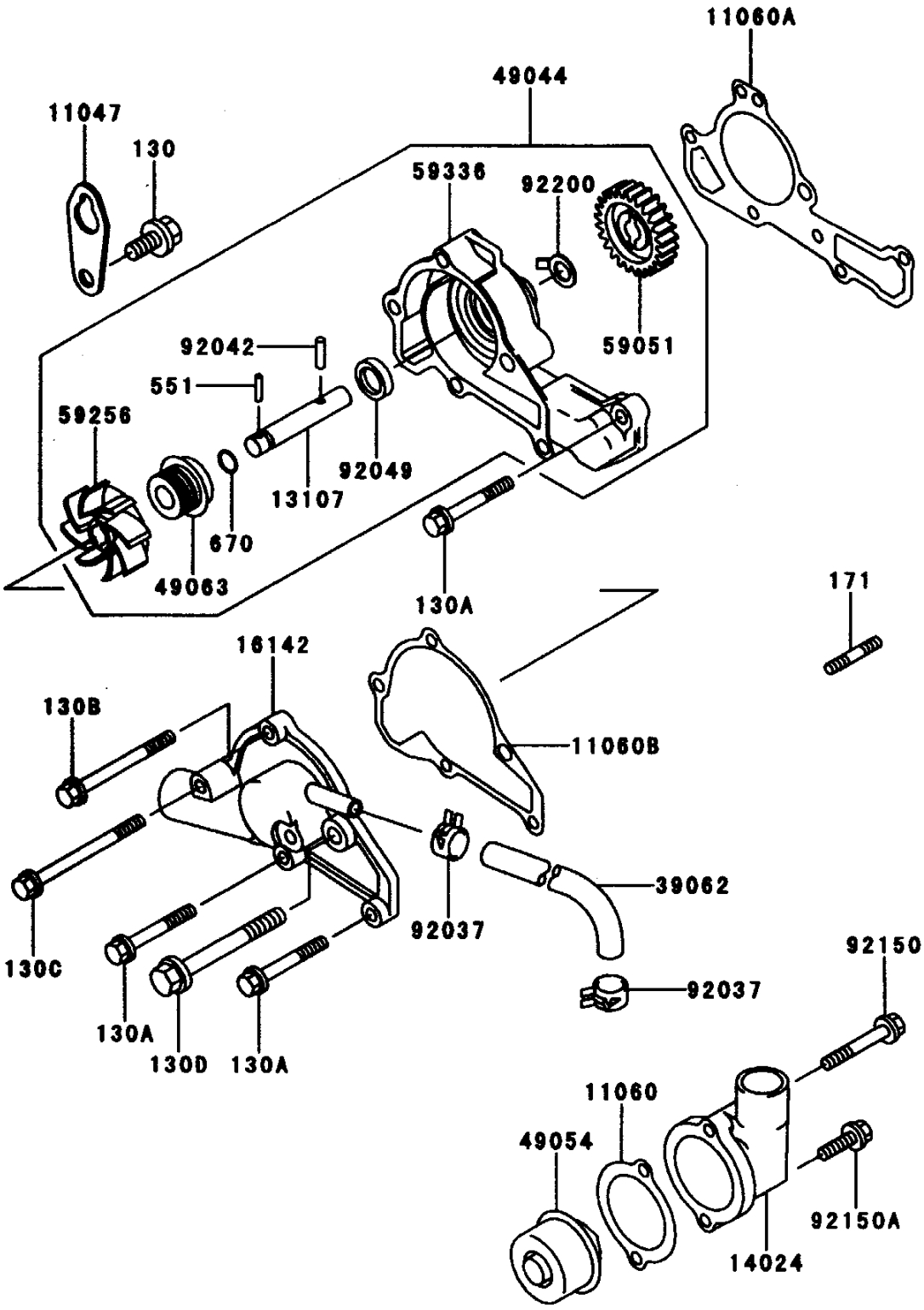


Lubrication–Equipment – Kawasaki FD661D S03

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 S03

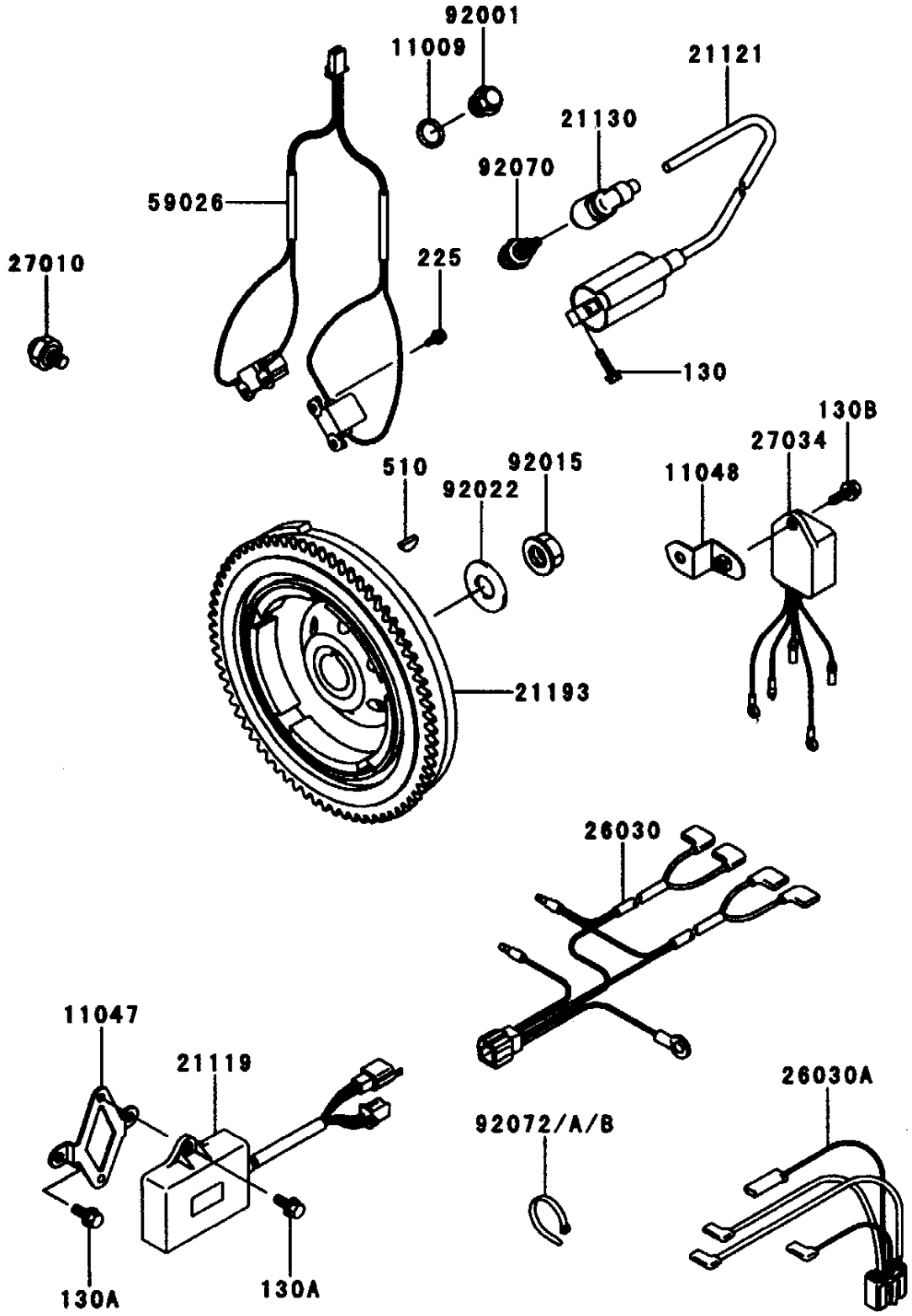


Cooling–Equipment – Kawasaki FD661D S03

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 S03

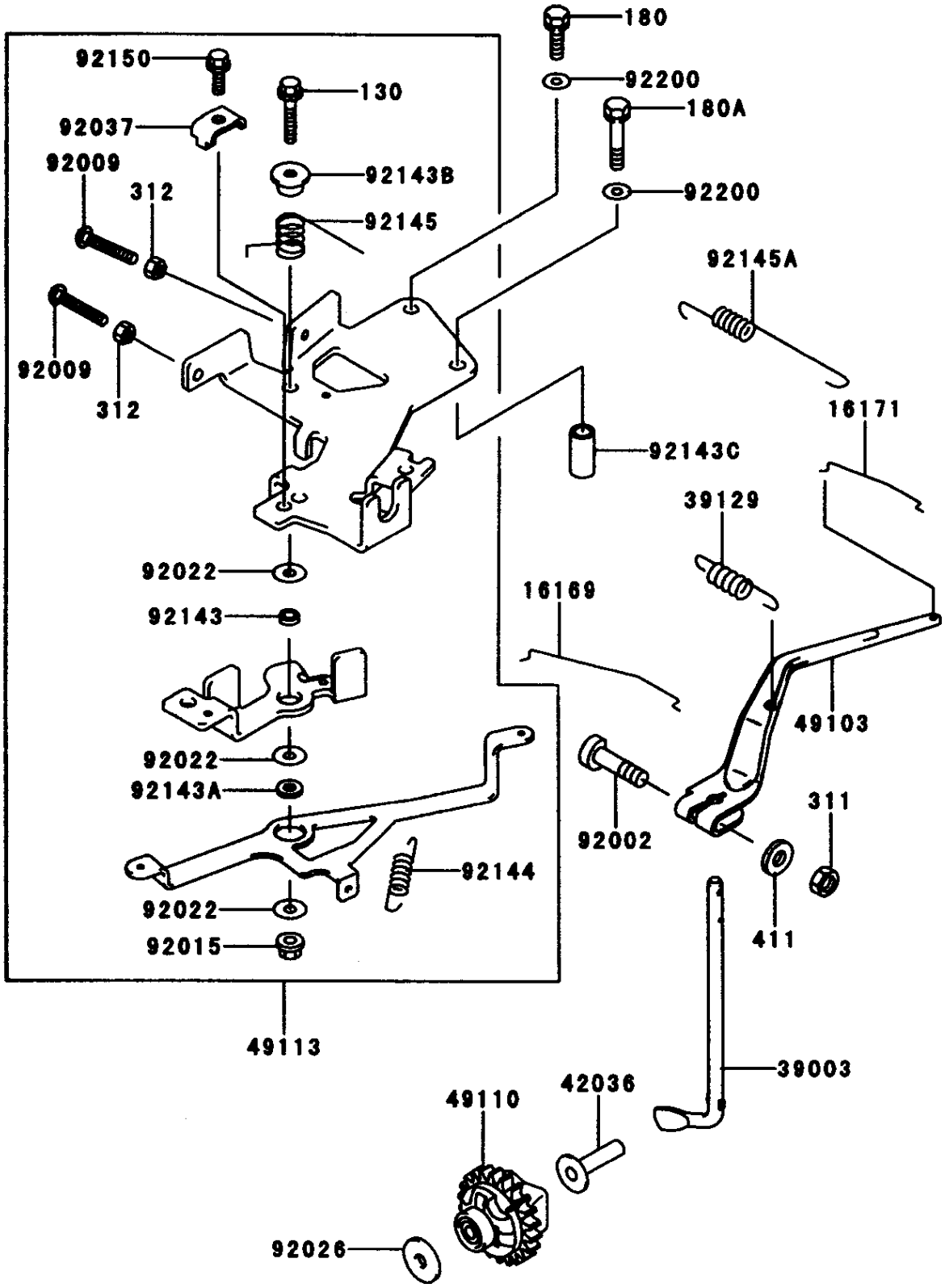


Electric–Equipment – Kawasaki FD661D S03

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 S03

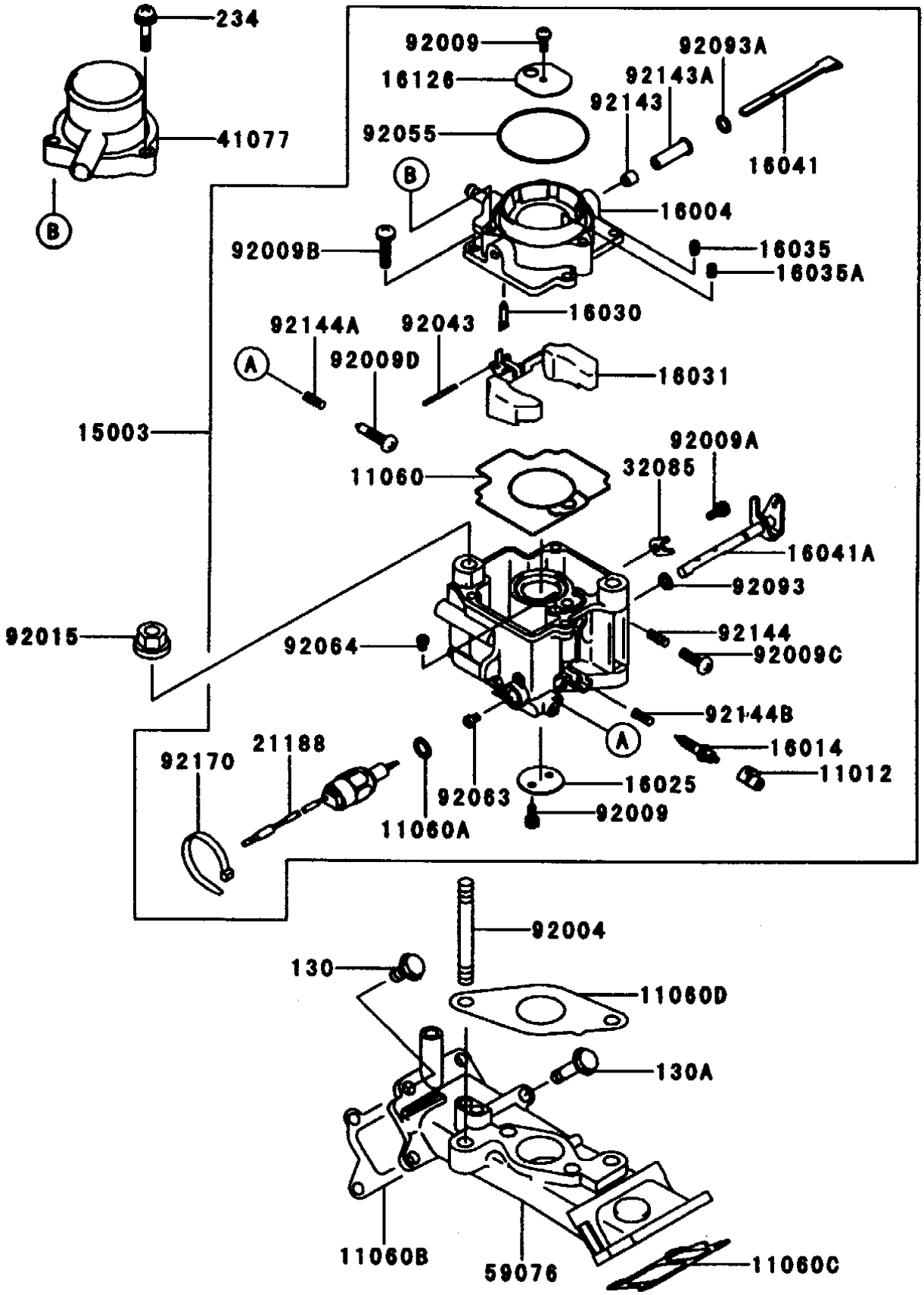


Control–Equipment – Kawasaki FD661D S03

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

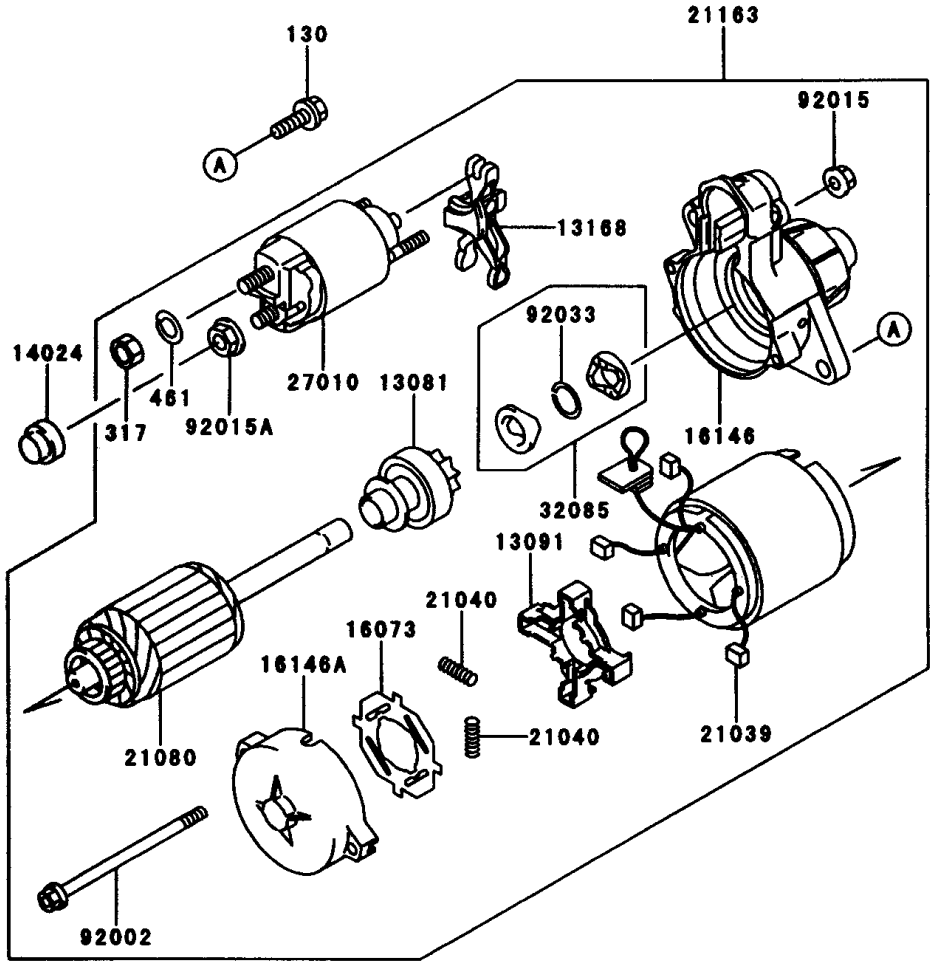
Carburetor – Kawasaki FD661 S03



Carburetor – Kawasaki FD661 S03

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



Starter – Kawasaki FD661D S03

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

TORO PART NUMBER INDEX

Part No.	Pg. No.	Ref. No.	Qty.	Description
E303077	10	1	9	Clamp – Gas Line
E303105	5	1	2	Yoke–Adjustable
E303287	14	21	6	Tie–Plastic
E303308	10	3	1	Clamp – Fuel Line
E303334	11	7	11	Washer–Disc Spring
E303335	3	25	1	Tie–Plastic
E303335	11	9:2	1	Tie–Plastic
E303335	14	31	4	Tie–Plastic
E303426	10	13	1	Fuel Line
E303428	11	38	1	Elbow
E303435	10	24	4	Washer–Belleview
E373034	16	10	3	Washer–Swivel
E403124	11	43	1	Elbow – Street
E513006	6	3	1	Filter–Head
E513011	3	15	1	Nut–Wheel
E513034	6	33:1	2	Bearing–Pivot
E513034	8	14:1	2	Bearing–Pivot
E513140	4	1	2	Bearing, Control
E513152	14	15	1	Switch–Seat
E513167	6	5	1	Cap–Hydraulic Reservior
E513180	14	16	1	Actuator – Switch, Seat
E513374	14	26	1	Meter–Engine Hours
E513435	17	4	3	Washer–Spring
E513592	3	26	1	Knob–Ball, Red
E513645	10	6	2	Bushing–Valve, Fuel
E513658	3	29	2	Bumper–Catcher, Grass
E513747	3	11:2	1	Decal–Battery
E513748	12	47:2	1	Decal–Guard
E513762	3	24	1	Clip
E513762	7	56	1	Clip
E513762	10	28	1	Clip
E513762	14	23	2	Clip
E513840	6	7	2	Elbow–90
E513929	3	11:4	1	Decal–Drive Release
E522217	6	8	1	Low Pressure Hose ASM
E522424	14	11	1	Spring Mount
E523027	5	3	2	Damper–Control
E523103	6	9	1	Gasket–Tank/Cap
E523157	4	32	2	Spacer
E523279	14	35	1	Cable – Battery
E523328	6	11	2	Motor–Wheel
E523415	14	10	1	Spring–Switch, Seat
E523420	12	30	2	Bumper
E523552	6	2:2	1	Decal – Hot Surface
E543017	5	4	2	Ball Joint
E543070	14	25	1	Switch–Ignition
E543277	10	7	2	Elbow–Fuel Tank
E543391	14	5	1	Insulator–Battery
E543393	14	32	1	Insulator–Solenoid
E543401	3	2:5	4	Spacer–Track
E543407	3	2:1	1	Cushion–Seat
E543456	10	8	3	Fuel Line – 21.5
E543511	2	7	2	Seal–Grease
E543513	2	1	2	Cap–Grease
E543792	14	3	2	Wingnut–Nyloc
E603050	8	6	1	Bushing Spacer
E603336	3	10	1	Control–Choke, Push–Pull
E603384	6	12	1	Bushing–Idler Pivot
E603384	8	7	1	Bushing–Idler Pivot
E603401	8	23	1	Spacer–Fender
E603402	8	11	1	Spring–Extension
E603413	6	13	1	Spring–Extension
E603479	14	2	1	Battery–12v
E603496	8	9	2	Bushing–Idler
E603610	11	6	2	Washer – Spring, Disc
E603721	6	14	1	Fitting
E603722	6	15	1	Fitting
E603735	5	5	2	Bushing–Nylon Flanged
E603737	5	6	2	Bolt–Neutral Return
E603805	8	10	1	Idler
E603807	5	7	2	Spring–Neutral Return
E603826	6	16	3	Clamp–Hose
E603827	6	17	5	Clamp–Hose
E603841	7	51	2	Pump–Hydro
E603903	5	9	4	Spacer
E603987	6	18	1	Elbow
E603988	6	19	1	Elbow
E603989	6	20	2	Elbow
E603990	6	21	4	Adapter
E613235	11	1	4	Washer
E631732	11	9	1	Clutch
E632187	3	14	1	Frame–Seat
E632191	5	37	1	Lever–LH
E632193	5	11	1	Lever–RH
E632199	9	11	2	Pin–Deck Strut
E632208	5	12	2	Arm–Pump Control
E632217	4	5	1	Shaft–Brake
E632219	1	7	1	Arm–Deck Lift
E632281	6	24	1	12” Low Pressure Hose
E632282	6	25	1	13” Low Pressure Hose
E632285	6	26	1	Hose–Low Pressure
E632286	6	27	1	Hose–Low Pressure
E632324	1	5	1	Lift Lever ASM
E632469	8	14	1	Arm ASM
E632489	4	4	1	Lever–Brakepoint
E632511	2	8	2	Caster
E632690	9	10	2	Strut
E632714	4	6	1	Bracket–Brake,LH
E632715	4	33	1	Bracket–Brake, RH
E632835	11	28	1	Bracket – Alternator
E632873	13	26	1	Rear Radiator Mount ASM
E632899	1	16	1	Plate–Deck Lift
E632911	5	13	1	Motion Control
E632912	5	14	1	Motion Control
E632984	12	40	1	Radiator Brace ASM, LH
E632985	12	41	1	Radiator Brace ASM, RH
E632986	13	10	2	Shackle Hinge ASM
E633002	2	11:6:1	1	Tire
E633007	3	12	2	Wheel & Tire ASM
E633008	3	12:1	1	Tire
E633009	3	12:2	1	Wheel
E633023	10	9	6	Stud
E633029	9	8	2	End–Rod, Spherical
E633068	1	12	2	Arm–Deck Lift
E633080	1	18	1	Bushing–Lift Lever
E633082	1	17	1	Bushing–Lift Lever
E633096	1	28	2	Rod–Deck Lift
E633097	1	20	1	Pin–Hitch w/Lanyard
E633102	4	12	2	Bearing–Side Flange
E633102	5	16	4	Bearing–Side Flange
E633110	14	29	1	Switch–Brake
E633111	14	20	2	Switch–Drive Lever
E633131	4	13	4	Yoke–Brake Linkage
E633144	4	14	2	Pin–Trunion
E633152	5	17	2	Ball Joint–LH Thread
E633153	5	15	2	Linkage
E633166	8	12	1	Idler–Pulley
E633167	6	31	1	Pulley–Idler
E633177	5	18	2	Arm
E633181	14	18	4	Plate–Tapped
E633257	5	19	2	Grip–Motion Control
E633268	4	17	1	Grip–Brake Lever
E633293	3	16	1	Rod–Seat Holdup
E633295	1	6	1	Grip–Lift Lever
E633307	14	4	1	Wire–Ground
E633325	1	8	1	Spring–Compression
E633335	6	32	2	Hose–Low Pressure
E633345	1	37	1	Decal–Deck Height
E633346	3	13:3	1	Decal–Fuel Valve
E633347	10	12	1	Valve–Fuel Line
E633349	10	14	6	Spring–Fuel Tank
E633354	3	11:3	2	Decal–Motion Control
E633380	4	10	4	Spacer–Short, Wheel
E633382	4	11	4	Spacer–Long, Wheel
E633396	14	28	5	Clip – Loom
E633441	1	30	4	Swivel–Deck Mount
E633447	9	3	4	Chain – Deck Lift
E633454	4	2	2	Spring–Brake

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Pg. No.	Ref. No.	Qty.	Description
E633462	12	47:3	1	Decal−Important
E633477	4	3	3	Rod−Brake
E633508	2	3	6	Washer−Belleview
E633543	11	5	1	Strap−Clutch/Brake
E633545	11	4	2	Spacer−Grommet
E633553	1	3:2	3	Pad − Antiskid
E633567	6	29	1	Sheave
E633568	6	28	2	Sheave
E633579	2	11:3	1	Spacer−Front Caster
E633580	2	11:4	2	Seal−Bearing
E633581	2	11:5	2	Spacer−Bearing
E633582	2	11:6	1	Wheel & Tire ASM
E633583	2	11:6:2	1	Wheel
E633587	1	35	1	Handle
E633630	11	41	2	Grommet
E633651	14	37	2	Bolt−Battery Hold Down
E633652	14	1	1	Strap−Battery Hold Down
E633673	14	27	1	Switch−PTO
E633693	4	9	2	Brake Band
E633696	3	9	1	Cable−Throttle
E633705	3	2	1	Seat ASM w/Armrest
E633706	1	36	1	Decal−Deck Height
E633709	3	2:2	1	Cushion−Backrest
E633710	3	2:3	1	Armrest − RH
E633711	3	2:4	1	Armrest − LH
E633737	1	3:5	1	Decal− Z−Master
E633749	6	30	1	Belt
E633750	6	6	1	Filter−Hydro
E633752	6	6	1	Filter−Winter Hydro
E633766	1	3:3	1	Decal−Check
E633771	12	39	1	Decal − Belt, Pump
E633774	6	1	2	Hose−High Pressure
E633775	6	22	2	Hose−High Pressure
E633786	6	10	4	Elbow 90 DEG
E633818	1	1:2	1	Decal
E633832	11	2	1	Muffler
E633833	14	33	1	Switch − Fan, Thermal
E633838	11	29	1	Arm−Tension, Alt.
E633839	11	34	1	Spacer
E633841	11	10	1	Sheave/Hub ASM
E633853	11	21	1	Belt − Alternator
E633856	14	22	1	Module − Interlock, Ignition
E633858	12	5	1	Hood − Engine
E633859	3	2:7	1	Frame−Seat
E633864	12	1	1	Screen − Intake, Radiator
E633872	3	47	2	Spacer−Stop,Seat
E633877	13	34	2	Bar − Hook, Latch
E633878	12	42	1	Crossbar
E633881	11	23	1	Alternator
E633882	11	24	1	Sheave − Alternator
E633885	13	9	2	Plate − Hinge, Hood
E633886	13	27	1	Bumper − Rear
E633889	1	15	1	Plate − Deck Lift
E633892	11	11	1	Engine−Kawasaki FD661D
E633896	13	36	2	Bar − Frame, Radiator
E633897	13	32	2	Rib − Top
E633898	13	33	2	Rib − Bottom
E633900	13	22	1	Plate − Mount, Radiator
E633901	13	39	1	Plate − Mount, Radiator
E633926	4	15:2	4	Stud−Wheel
E633964	3	1	1	Stop − Park Brake
E634277	6	33	1	Arm ASM
E634662	2	11	2	Caster Wheel ASM
E634861	1	1	1	Frame ASM
E634862	12	47	1	Shield & Decal ASM
E634927	4	15	2	Hub And Drum ASM
E643007	11	45	2	Spacer − Engine
E643008	11	8	1	Spacer − Anchor, Clutch
E643009	11	18	3	Clamp − Hose
E643021	15	46	1	Gauge − Temperature
E643036	14	34	1	Sender Unit − Temperature
E643037	15	45	1	Gauge − Voltmeter
E643083	11	19	1	Hose−Air Cleaner
E643084	11	20	1	Hose − Inlet, Air
E643087	12	43	1	Deflector − Air
E643096	12	46	1	Plenum − Intake, Air
E643105	12	19	1	Angle − Trim, Radiator
E643106	12	16	1	Angle − Trim, Radiator
E643107	12	18	1	Angle − Trim, Radiator
E643108	12	17	1	Angle − Trim, Radiator
E643115	14	36	3	Tie − Plastic
E643145	14	39	1	Tab
E643153	14	40	1	Washer − Sender Gasket
E643158	11	23:1	1	Regulator − Alternator
E643159	11	23:2	1	Brushes − Alternator
E643167	11	40	1	Nipple
E643178	14	6	1	Cap − Insulator, Alternator
E643186	12	21	2	Seal − Trim
E643187	12	20	2	Seal − Trim
E643188	12	23	2	Latch − Rubber
E643189	13	35	2	Keeper − Latch, Rubber
E643205	14	30	1	Harness − Wiring, Toro
E643252	12	47:1	1	Decal − Drive, Belt
E643255	3	2:6	1	Track−Locking, 4”
E643270	10	27	1	Fuel Line
E643275	15	44	3	Relay
E653009	1	32	2	Spring−Lift Assist
E800282	14	7	1	Screw−HH
E800805	6	37	1	Screw−HH
E800805	8	18	1	Screw−HH
E803010	12	44	4	Rivet − Pop
E803022	5	24	2	Screw
E803022	6	39	2	Screw
E803028	14	17	10	Screw
E803056	12	24	4	Rivet
E803056	13	24	4	Rivet
E803069	12	2	17	Screw − HSBH
E803069	13	2	4	Screw − HSBH
E803071	10	23	4	Screw
E803071	14	24	3	Screw
E805256	12	49	6	Washer − Flat
E806003	13	15	2	Pin−Hair Cotter
E806005	1	21	1	Hairpin
E806800	4	28	2	Pin−Cotter
E807004	11	26	1	Key
E807020	6	11:2	1	Woodruff−Key
E807259	11	22	1	Key
E807272	7	46	2	Key
E807513	3	22	2	Bolt−CARR
E808280	5	33	2	Pin−Clevis
E808283	4	29	2	Pin−Clevis
E808284	1	14	2	Pin−Clevis
E808285	4	19	4	Pin−Clevis
E808285	13	13	2	Pin−Clevis
E808505	1	11	5	Ring−Snap
E808514	4	30	2	Ring−Retaining
E809012	12	50	2	Nut − Whizlock
E809018	11	33	4	Screw − HH
E809026	11	37	2	Screw − HH
E809026	14	14	1	Screw − HH
E809036	6	11:1	1	Nut−Castle
E809057	5	8	4	Bolt−Shloulder
E809072	11	3	4	Screw−HH
E809086	12	45	2	Screw − Tapping
E809096	11	25	1	Screw − HH
E811007	4	21	2	Fitting−Grease
E811008	6	33:3	1	Fitting−Grease
E811008	8	14:3	1	Fitting−Grease
E811010	1	1:3	2	Plug−Caster Swivel
E816001	14	19	1	Fuse−Blade Type 20 Amp
E816003	14	38	2	Fuse − 30 Amp
7−0081	18	8	1	Washer − Flat
7−4150	17	2:11	1	Washer−Pinion
13−2840	7	45	1	Square Key
27−0920	17	2:2	1	Shaft−Spindle
27−0950	17	1:9	1	Spacer−Bearing, Spindle
27−0950	17	2:3	1	Spacer−Bearing, Spindle
27−0990	17	3	3	Blade

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Pg. No.	Qty.	Ref. No.	Description
27−1160	18	16	1	Deck Belt
29−5590−01	16	14	2	Bracket−Pivot
40−6230	16	17	2	Spring
43−8480	16	1:2	1	Decal−Danger
46−8530	17	1:7	1	Bearing ASM
46−8530	17	2:4	1	Bearing ASM
51−3551	17	1:2	1	Shaft−Spindle
51−3640	18	2	1	Idler Pivot Sleeve
51−3650	18	10	1	Spring − Extension
54−9220	16	18:2	1	Decal−Danger
55−7640−03	18	1	1	Idler Arm
55−7650	18	11	1	Spring Plate
61−4160	17	1:6	1	Spindle
61−4160	17	2:10	1	Spindle
63−8360	15	47	2	Key−Ignition w/Shield
65−5940	18	7	1	Idler Pulley
65−5950	18	6	1	Bushing−Pulley
66−1340	16	1:4	1	Decal−Danger
66−6380	16	1:5	1	Decal−Danger
67−5360	16	21:1	1	Decal−Danger
67−5360	16	22:1	1	Decal−Danger
68−2730	16	9	5	Gage Wheel
74−0720	3	33	1	Tube−Manual
92−5816	17	1:10	1	Flangebolt−Blade
92−5816	17	5	2	Flangebolt−Blade
92−5836	17	1:4	1	Washer − Axle
93−2195	11	14	1	Filter
93−3101	10	5	2	Cap−Fuel
93−7818	16	1:9	1	Decal−Blade Bolt Torque
95−5805	11	17	1	Air Cleaner ASM
95−5806	11	15	1	Bracket − Mounting
98−3269	16	1:7	1	Decal−Made In USA
98−3798	16	1:3	1	Decal−Gage Wheel
98−3799	16	1:6	1	Decal−Belt Routing
98−4387	3	13:4	1	Decal − Ear Protection
98−5953	16	36	1	Decal−SFS
98−5954	1	3:4	1	Decal−Cover Missing
98−5954	16	1:8	3	Decal−Cover Missing
98−5963	16	21	1	Assembly − RH Cover
98−5965	16	22	1	Assembly − LH Cover
98−5967	16	8	1	Spacer−Wheel
98−5975	1	23	12	Washer
98−5975	5	2	4	Washer
98−5975	8	1	1	Washer
98−5975	16	3	3	Washer
98−5980	18	13	1	Guide − Belt
98−5984	16	18	1	Deflector ASM
99−2842	16	12	3	Spacer−Wheel
99−4600	3	42	1	Decal − Z252L
99−4607	10	11	1	Tank − RH Fuel
99−4608	10	10	1	Tank − LH Fuel
99−4611	3	13:2	1	Decal−Control Panel
99−4612	10	21	1	Decal−Control Panel
99−4613	17	2:5	1	Pulley & Hub
99−4617	10	2	1	Panel − Control
99−4621	12	51	1	Decal−Z Master LC
99−4622	1	3	1	Floorpan ASM
99−4623	3	13	1	Console ASM
99−4624	3	11	1	Frame ASM
99−4625	6	2	1	Hydraulic Tank ASM
99−4639	17	2	2	Spindle ASM
99−4646−01	2	15	3	Weight Bar ASM
99−4940	10	22	1	Shield−Control Panel
100−2312	17	1:5	1	Pulley And Hub ASM
100−2313	17	1	1	Spindle Housing ASM
100−2314	18	17	1	52” Belt Eng/Deck
100−2333−01	2	10	1	Bar − Weight
100−2338	16	1	1	Deck ASM
100−2339	2	9	2	U−Bolt
249−21	16	25	2	Clamp−Slotted
2412−120	3	30	2	R Clamp
253−139	17	1:8	2	Seal−Oil
253−139	17	2:1	2	Seal−Oil
254−72	2	5	4	Cup−Bearing, Outer
254−78	2	11:1	2	Bearing−Roller, Cone
254−79	2	11:6:3	2	Bearing−Roller, Cup
254−94	2	4	4	Bearing−Cone
302−2	17	1:1	1	Fitting−Grease
302−2	17	2:7	1	Fitting−Grease
302−19	9	4	4	Fitting − Grease
320−19	1	1:4	5	Fitting − Grease
321−1	16	5	6	Screw−HH
321−3	7	50	2	Screw−HH
321−3	10	25	1	Screw−HH
321−4	3	27	1	Screw−HH
321−4	6	34	2	Screw−HH
321−4	10	15	2	Screw−HH
321−4	12	48	4	Screw−HH
321−4	14	12	11	Screw−HH
321−9	12	38	2	Screw−HH
322−3	3	4	8	Screw−HH
322−3	9	12	2	Screw−HH
322−3	10	16	4	Screw−HH
322−3	11	27	1	Screw−HH
322−3	12	12	8	Screw−HH
322−3	13	12	16	Screw−HH
322−4	12	6	4	Screw−HH
322−4	13	6	4	Screw−HH
322−5	3	17	1	Screw−HH
322−5	13	25	9	Screw−HH
322−6	5	20	4	Screw−HH
322−6	11	39	3	Screw−HH
322−38	11	44	1	Screw−HH
323−4	4	18	4	Screw−HH
323−4	5	21	8	Screw−HH
323−6	1	25	3	Screw−HH
323−6	3	5	2	Screw−HH
323−6	5	22	4	Screw−HH
323−6	13	29	6	Screw−HH
323−7	1	26	12	Screw−HH
323−7	6	38	4	Screw−HH
323−7	13	37	4	Screw−HH
323−8	6	35	1	Screw−HH
323−9	1	22	2	Screw−HH
323−9	5	23	6	Screw−HH
323−9	6	36	1	Screw−HH
323−9	8	16	1	Screw−HH
323−11	8	15	2	Screw−HH
323−11	18	4	1	Screw−HH
323−13	1	19	1	Screw−HH
323−13	8	17	1	Screw−HH
323−21	3	18	2	Screw−HH
323−28	16	7	1	Screw−HH
324−6	9	2	8	Screw−HH
325−17	4	20	8	Screw−HH
325−17	11	35	1	Screw−HH
325−36	2	11:7	1	Screw−HH
327−11	9	7	2	Screw−HH
3211−8	18	5	1	Screw−HH
3211−15	16	19	2	Screw−HH
3217−9	4	22	8	Nut−Hex
3217−11	1	29	8	Nut−Hex
3217−11	9	5	2	Nut−Hex
3218−6	1	33	4	Nut−Jam
3219−2	5	26	10	Nut−Hex
3219−3	4	23	8	Nut−Hex
3219−6	9	9	2	Nut−Hex
3220−2	5	28	2	Nut−Jam
3220−20	5	27	2	Nut−Jam LH
3230−18	16	15	4	Screw−CARR
3231−22	17	6	16	Screw−CARR
3231−22	18	12	1	Screw−CARR
3231−28	18	15	1	Screw−CARR
3242−4	6	41	2	Screw−Sq Hd Set
3242−6	6	40	2	Screw−Sq Hd Set
3253−3	6	42	2	Washer−Lock/Sp
3253−3	10	26	1	Washer−Lock/Sp
3253−3	11	13	4	Washer−Lock/Sp

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Pg. No.	Ref. No.	Qty.	Description
3253−4	10	19	4	Washer−Lock/Sp
3253−4	14	42	1	Washer−Lock/Sp
3253−7	4	25	8	Washer−Lock/Sp
3253−8	9	6	2	Washer−Lock/Sp
3256−2	5	29	2	Washer−Flat
3256−2	10	18	2	Washer−Flat
3256−2	14	8	2	Washer−Flat
3256−3	5	30	4	Washer−Flat
3256−3	6	43	1	Washer−Flat
3256−3	11	16	4	Washer−Flat
3256−3	11	30	1	Washer−Flat
3256−4	4	26	4	Washer−Flat
3256−4	7	44	1	Washer−Flat
3256−4	8	24	3	Washer−Flat
3256−7	1	31	2	Washer−Flat
3256−14	12	3	34	Washer−Flat
3256−14	13	3	4	Washer−Flat
3256−23	3	44	6	Washer−Flat
3256−23	5	31	4	Washer−Flat
3256−23	10	20	10	Washer−Flat
3256−23	13	7	25	Washer−Flat
3256−24	1	9	3	Washer−Flat
3256−24	8	20	4	Washer−Flat
3256−24	13	14	12	Washer−Flat
3256−24	17	8	1	Washer−Flat
3256−24	18	3	3	Washer−Flat
3256−26	11	32	2	Washer−Flat
3256−27	1	34	2	Washer−Flat
3256−28	4	31	2	Washer−Flat
3256−29	1	27	4	Washer−Flat
3272−5	5	32	2	Pin−Cotter
3272−10	1	13	2	Pin−Cotter
3272−10	4	27	7	Pin−Cotter
3290−321	16	26	4	Screw−HWH
3290−357	1	24	17	Nut−Lock
3290−357	2	12	4	Nut−Lock
3290−357	4	24	4	Nut−Lock
3290−357	5	35	8	Nut−Lock
3290−357	7	47	8	Nut−Lock
3290−357	8	21	6	Nut−Lock
3290−357	13	31	10	Nut−Lock
3290−357	16	11	7	Nut−Lock
3296−5	16	20	2	Nut−Lock Ni
3296−5	18	9	1	Nut−Lock Ni
3296−29	10	17	6	Nut−Lock Ni
3296−39	11	42	3	Nut−Lock Ni
3296−45	2	11:8	1	Nut−Lock Ni
32104−76	3	31	2	Screw−Acorn Slot
32128−17	16	24	4	Nut−Flange Lock
32128−20	3	23	12	Nut−Hex Flange
32128−20	5	34	4	Nut−Hex Flange
32128−20	9	13	2	Nut−Hex Flange
32128−20	11	31	2	Nut−Hex Flange
32128−20	12	11	12	Nut−Hex Flange
32128−20	13	11	25	Nut−Hex Flange
32128−20	14	9	2	Nut−Hex Flange
32128−21	17	7	16	Nut−Flange Lock
32128−21	18	14	3	Nut−Flange Lock
32128−33	3	28	1	Nut−Hex Flange
32128−33	5	36	4	Nut−Hex Flange
32128−33	7	48	2	Nut−Hex Flange
32128−33	10	29	2	Nut−Hex Flange
32128−33	14	13	11	Nut−Hex Flange
32128−33	16	6	6	Nut−Hex Flange
32128−37	9	1	16	Nut−Whizlock
32146−2	1	10	7	Nut−Lock Ni
32146−2	3	21	4	Nut−Lock Ni
32146−2	5	25	6	Nut−Lock Ni
32146−2	8	19	1	Nut−Lock Ni
32146−4	3	20	2	Nut−Lock Ni
32146−4	13	8	4	Nut−Lock Ni
32146−13	11	36	2	Nut−Eslok
32146−14	2	2	2	Locknut
32146−17	12	28	6	Nut−Lock
32146−18	3	19	2	Nut−Lock
32146−18	12	4	17	Nut−Lock
32146−18	13	4	4	Nut−Lock
32146−18	14	41	5	Nut−Lock
32146−20	17	1:3	1	Nut−Jam
32146−20	17	2:8	1	Nut−Jam
32152−1	16	16	4	Nut−Lock
33013−00	11	12	4	Nut−Hex
33014−00	14	43	1	Nut−Hex
49019−1055	10	30	1	Kawasaki Fuel Filter
49040−2065	10	31	1	Kawasaki Fuel Pump

*Not Illustrated