Form No. 3324–946

TORO®

Z287L

Z–Master® with 72” Side Discharge Mower

Model No. 74214–210000001 and Up

Parts Catalog

PROTOTYPE

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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Contents

Description	Page
Front Frame Assembly	3
Caster and Wheel Assembly	4
Rear Frame and Wheel Assembly	5
Brake and Wheel Hub Assembly	7
Control Panel Assembly	8
Hydraulic System Assembly	9
Idler Assembly	11
Frame and Deck Assembly	12
Tank and Fuel Lines Assembly	13
Engine Assembly	14
Rear Hood Assembly	16
Rear Bumper Assembly	17
Deck, Deflector and Roller Assembly	18
Spindle and Pulley Assembly	19
Belts and Idler Arm Assembly	20
Stand Assembly	21
Electrical Assembly	22
Cylinder/Crankcase (Kawasaki FD750D–AS03)	23
Piston/Crankshaft (Kawasaki FD750D–AS03)	24
Valve/Camshaft (Kawasaki FD750D–AS03)	25
Lubrication Equipment (Kawasaki FD750D–AS03)	26
Cooling Equipment (Kawasaki FD750D–AS03)	27
Electric Equipment (Kawasaki FD750D–AS03)	28
Control Equipment (Kawasaki FD750D–AS03)	29
Carburetor (Kawasaki FD750D–AS03)	30
Air–Filter/Muffler (Kawasaki FD750D–AS03)	31
Fuel–Tank/Fuel–Valve (Kawasaki FD750D–AS03)	32
Starter (Kawasaki FD750D–AS03)	33

Accessories

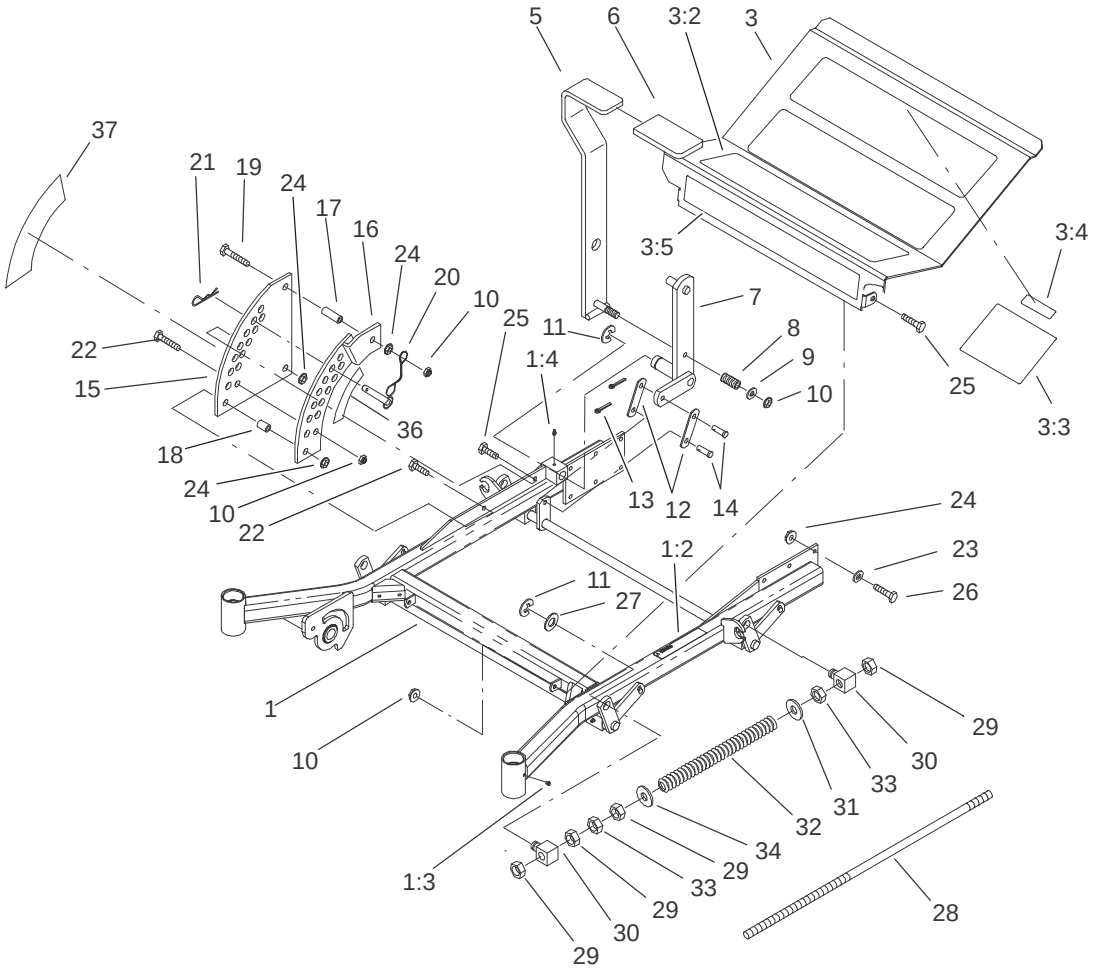
Description	Model / Part No.
Roll–Over Protection System	78480
Hitch Kit	99–8925
Atomic Blade Assembly	104–1304
62”/72” Stripping Kit	30163

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

PROTOTYPE



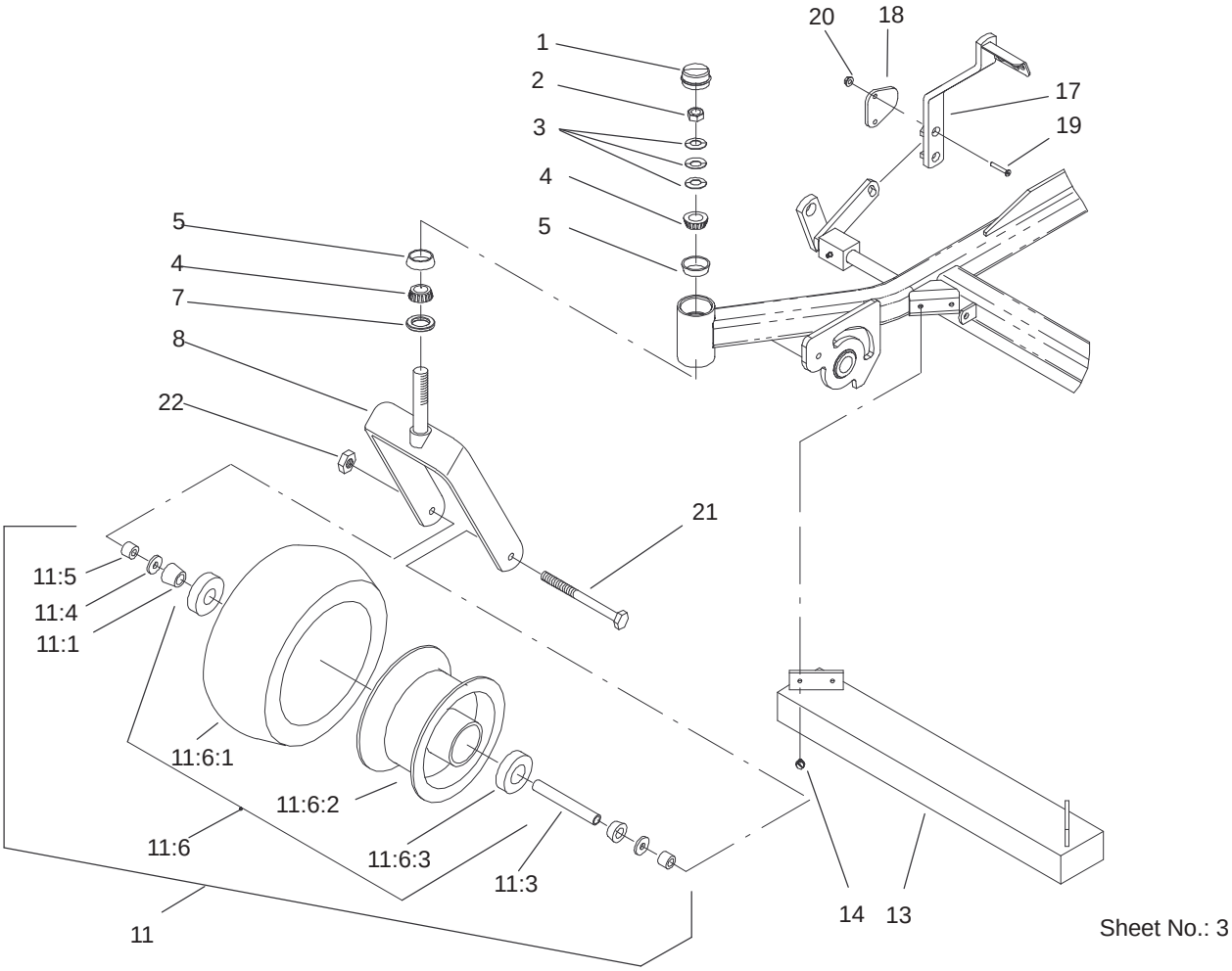
Sheet No.: 2

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
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, NI
11	32151–103	5	Ring–Snap
12	1–633068	2	Arm–Lift, Deck
13	3272–10	2	Pin–Cotter
14	283–2	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
20	1–633097	1	Pin–Hitch w/Lanyard
21	1–806005	1	Pin–Hair

Ref. No.	Part No.	Qty.	Description
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
28	1–633096	2	Rod–Lift, Deck
29	3217–11	8	Nut–Hex
30	1–633441	4	Swivel–Deck Mount, Rear
31	3256–7	2	Washer–Flat
32	1–633064	2	Spring–Support, Deck
33	3218–6	4	Nut–Jam
34	3256–7	2	Washer–Flat
36	1–633706	1	Decal–Height, Deck
37	1–633345	1	Decal–Height, Deck

PROTOTYPE



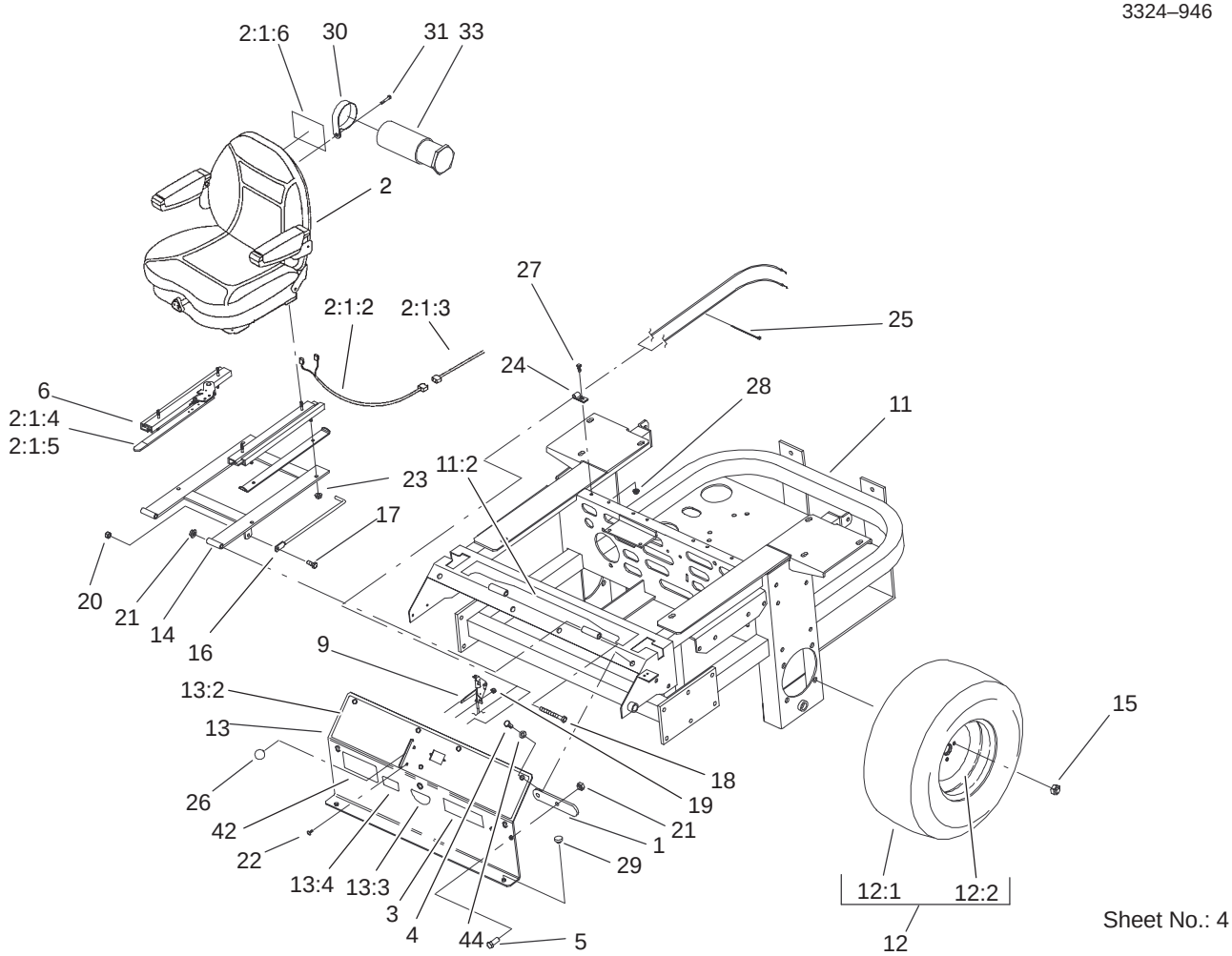
Sheet No.: 3

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
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
13	100–6530–01	1	Weight ASM
14	32144–70	4	Screw–HH
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	325–24	2	Screw–HH
22	3296–45	2	Nut–Lock, NI

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



Sheet No.: 4

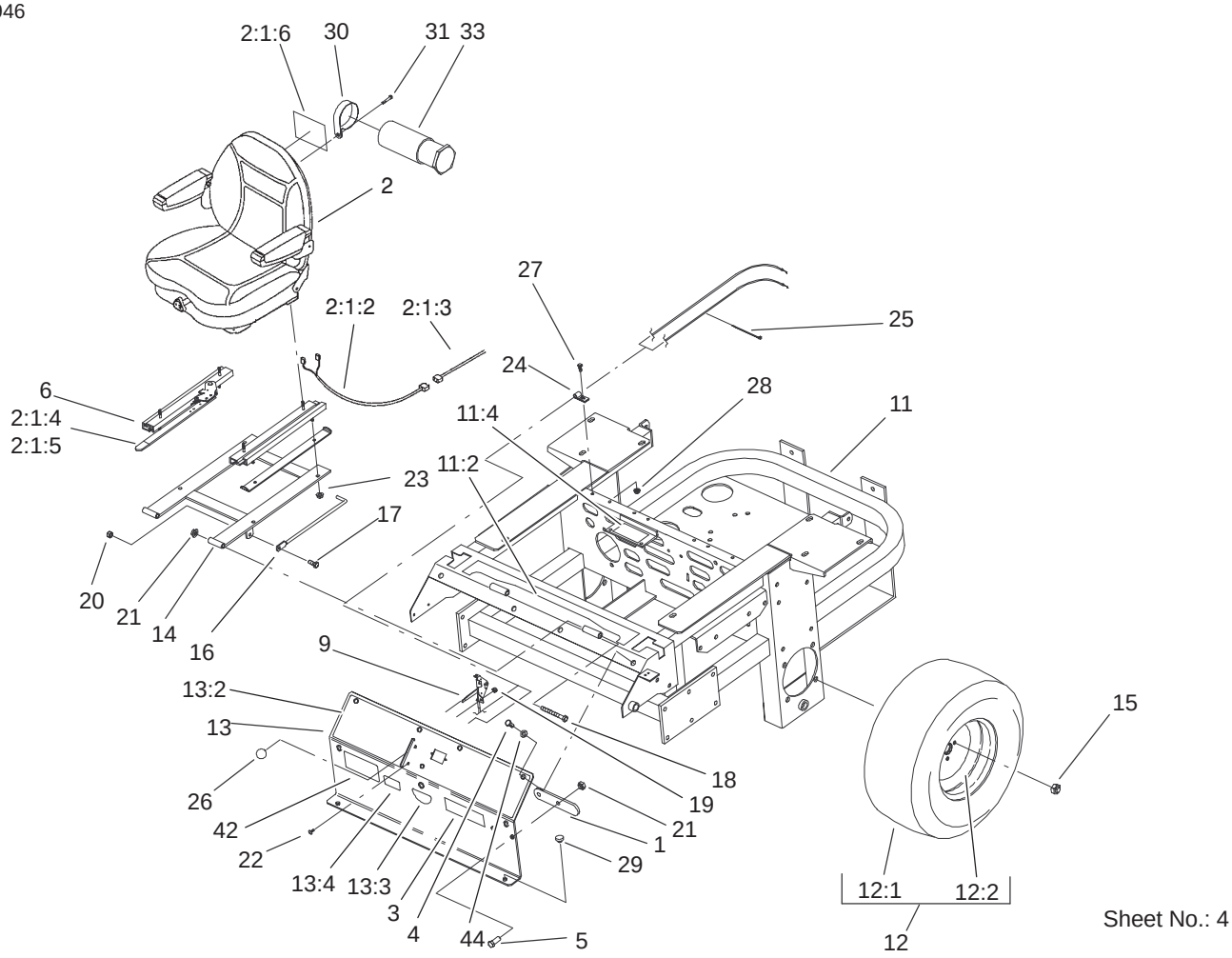
Rear Frame and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	1–633964–03	1	Stop–Brake, Park
2	74210	1	Seat–Suspension, High
☆2:1		1	Kit–Suspension, Seat
2:1:2	1–633840	1	Harness–Wiring, Seat
2:1:3	1–303335	1	Tie–Plastic
2:1:4	1–633872–03	2	Stop–Seat
2:1:5	1–653282–03	2	Stop/Spacer–Seat
2:1:6	99–4693	1	Decal–Toro
*2:99	1–631842	1	Kit–Pad, Armrest
*2:99	1–631843	1	Kit–Boot
*2:99	1–631844	1	Arm Kit ASM
*2:99	1–631845	1	Pan ASM
*2:99	1–631846	1	Kit–Damper
*2:99	1–631847	1	Kit–Roller
*2:99	1–631848	1	Kit–Spring & Cable
*2:99	1–631849	1	Kit–Knob & Shaft
*2:99	1–643281	1	Switch–Seat
4	322–3	6	Screw–HH
5	323–6	2	Screw–HH
6	1–643255	1	Track–Seat, 4”
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

Ref. No.	Part No.	Qty.	Description
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
18	323–21	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	32144–70	2	Screw–HH
33	74–0720	1	Tube–Manual

PROTOTYPE

☆ Not serviced
* Not illustrated



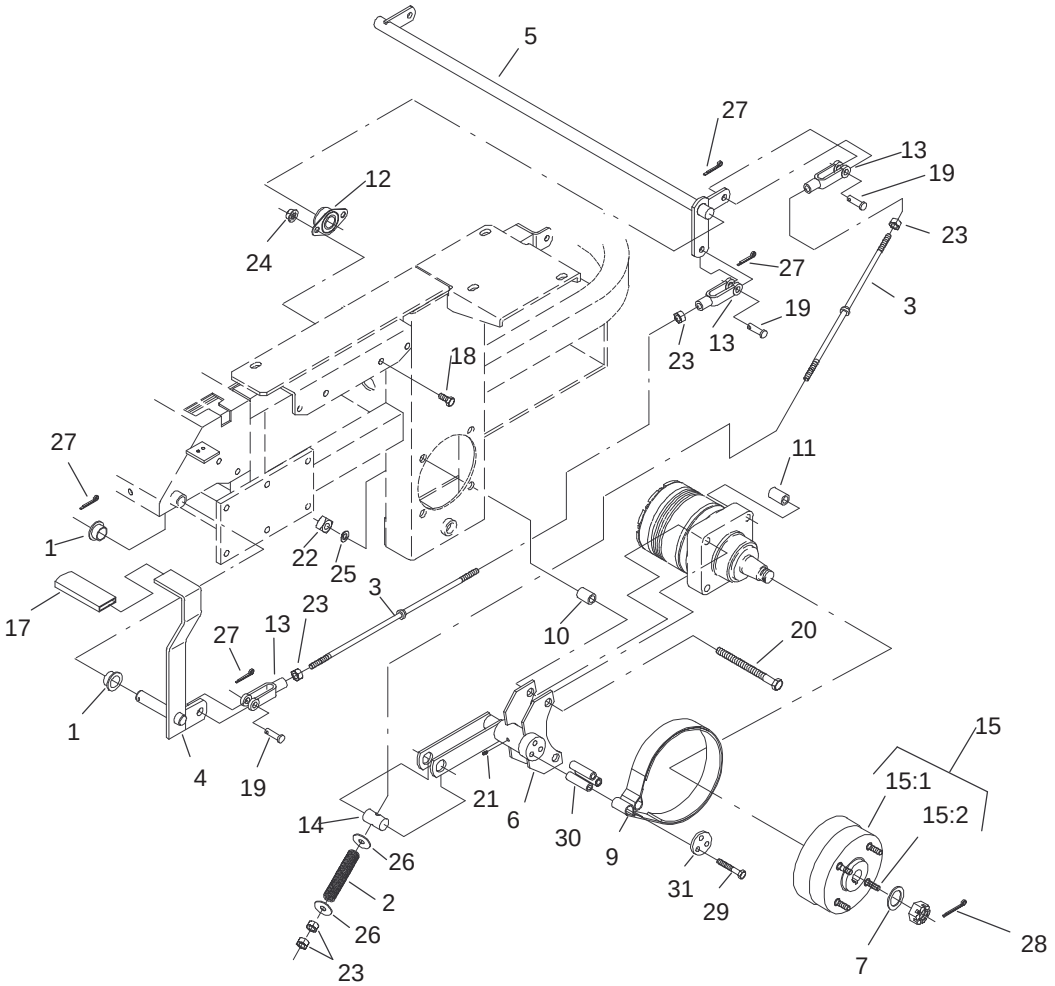
Sheet No.: 4

Rear Frame and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
42	104–7787	1	Decal – Z287l
44	3256–23	6	Washer–Flat
47	1–633872–03	2	Stop–Seat

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



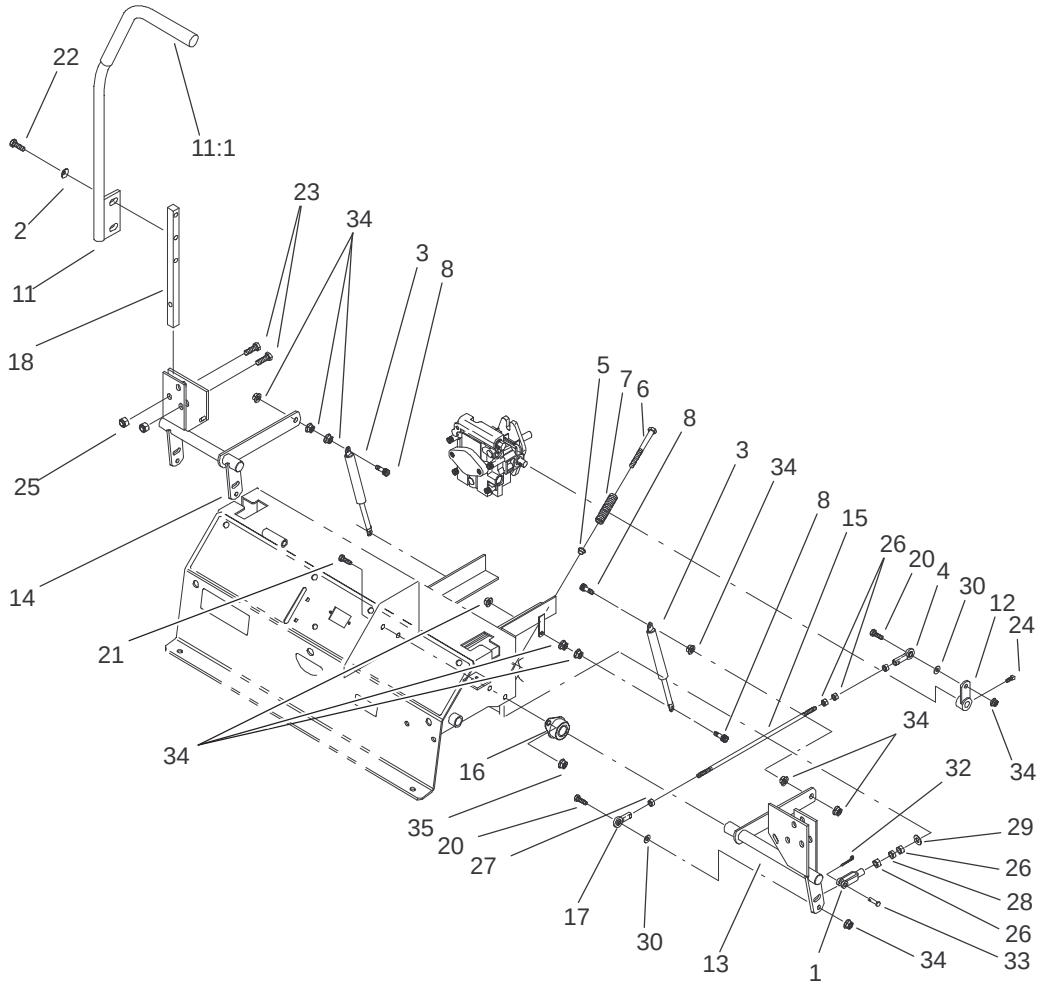
Sheet No.: 5

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	103–0354–03	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 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	325–20	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–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

PROTOTYPE



Sheet No.: 6

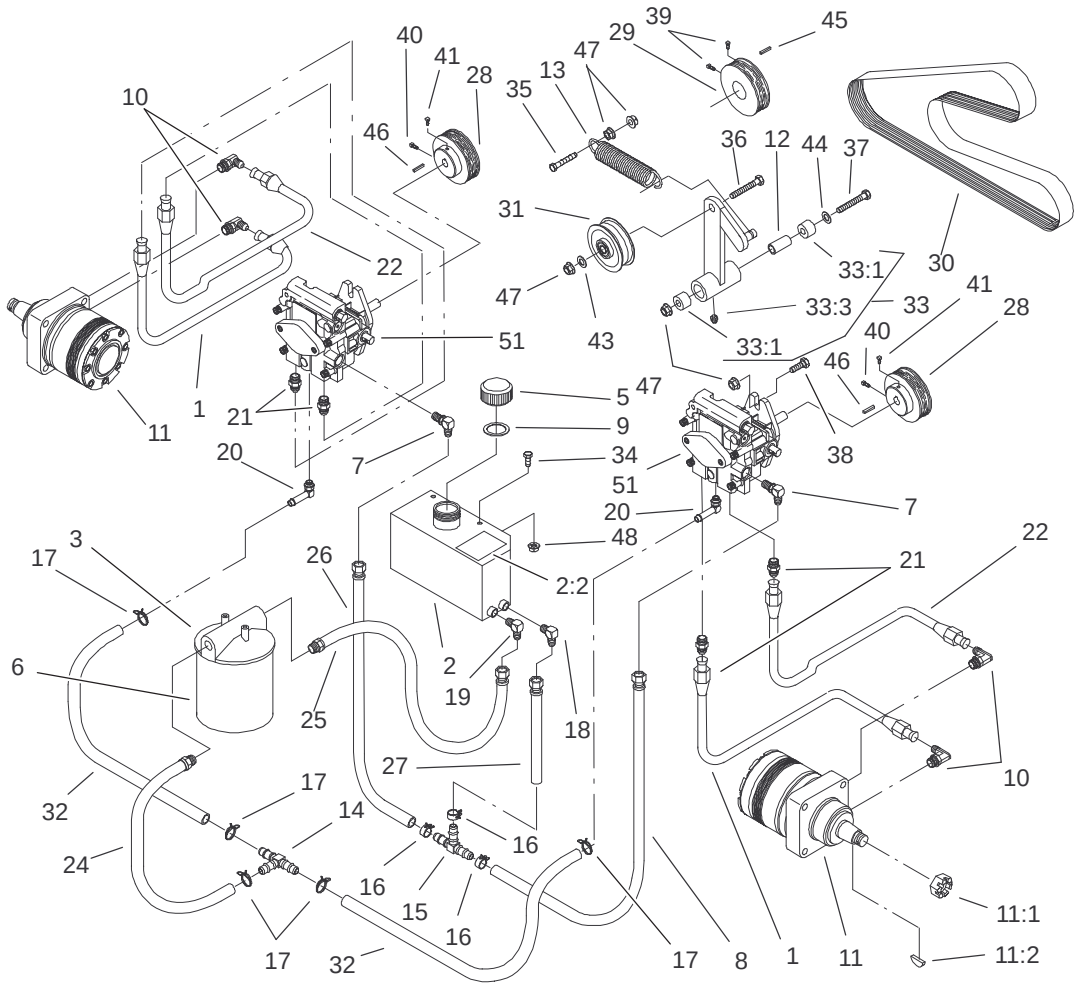
Control Panel Assembly

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	1–632208–03	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

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

PROTOTYPE

* Not illustrated



Sheet No.: 7

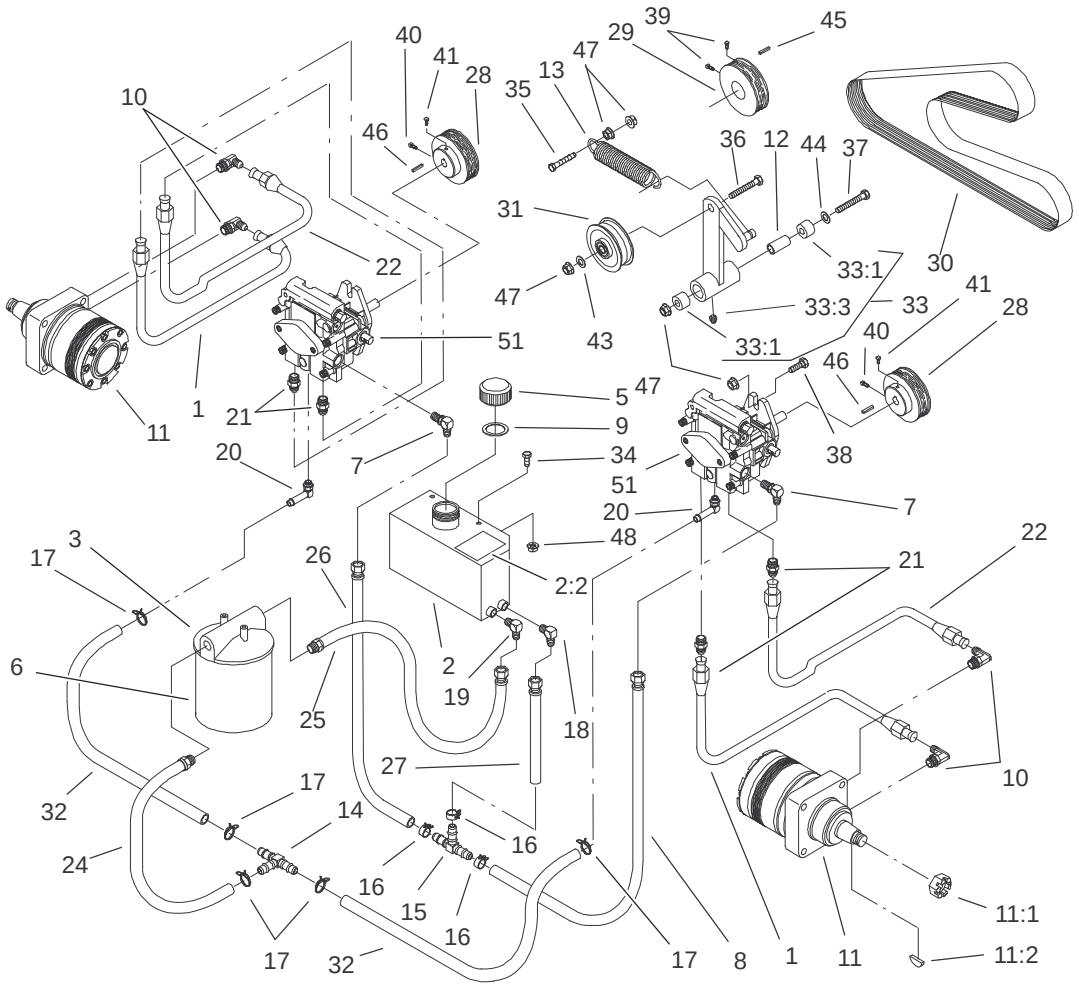
Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	1–633776	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–Reservoir, Hydraulic
6	1–633750	1	Filter–Hydraulic
6	1–633752	1	Filter–Winter, Hydraulic
7	1–513840	2	Fitting–90°
8	1–522217	1	Low Pressure Hose ASM
9	1–523103	1	Gasket–Cap, Tank
10	1–633786	4	Fitting–90°
11	1–523328	2	Motor–Wheel
11:1	1–809036	1	Nut–HH
11:2	1–807020	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

Ref. No.	Part No.	Qty.	Description
19	1–603988	1	Fitting–Elbow
20	1–603989	2	Fitting–Elbow
21	1–603990	4	Fitting–Straight
22	1–633777	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

* Not illustrated

PROTOTYPE



Sheet No.: 7

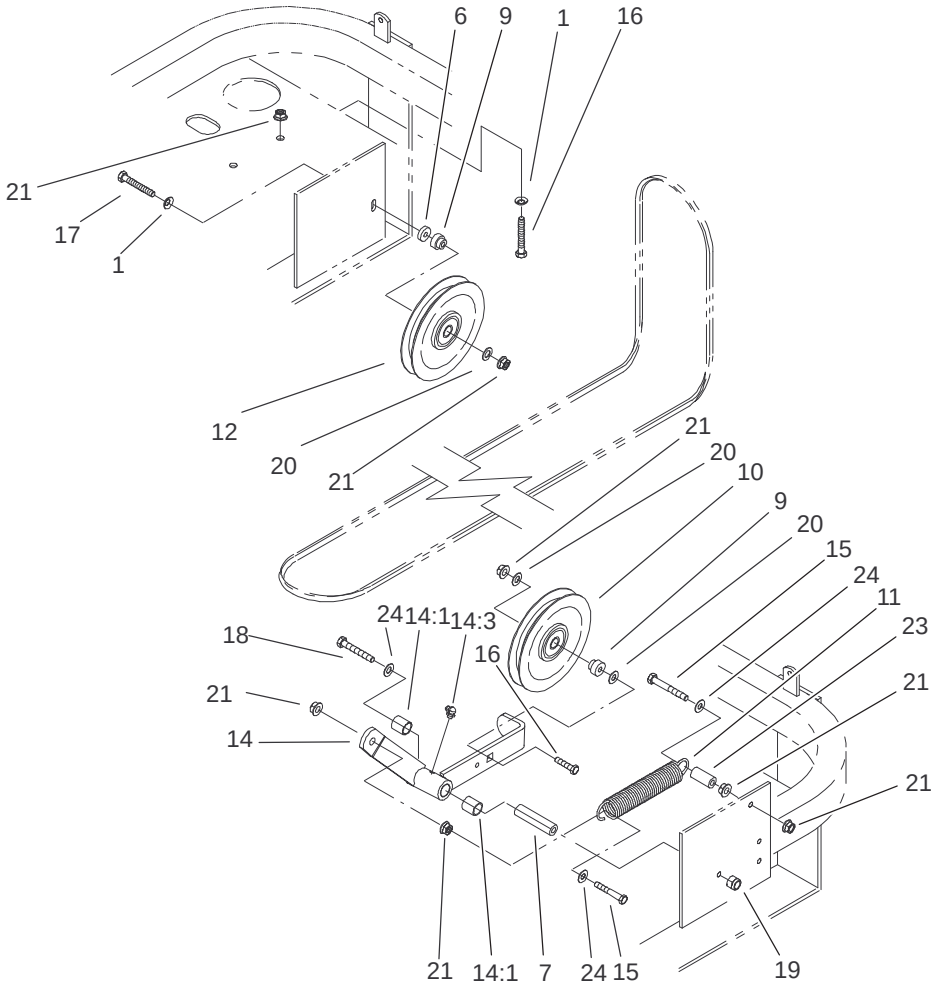
Hydraulic System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
45	13–2840	1	Key–Square
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, RH
*51	80–6130	1	Kit–Seal, Overhaul

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

* Not illustrated



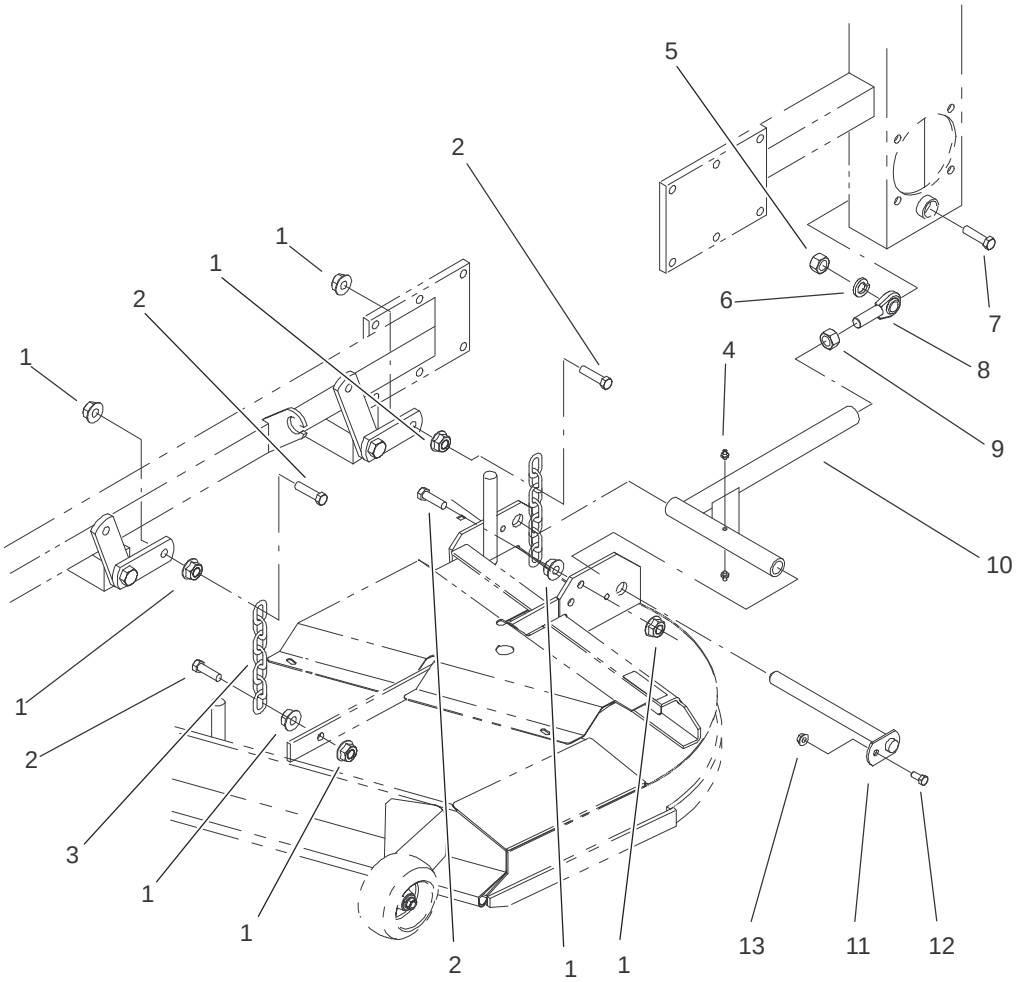
Sheet No.: 10

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	V–Belt–Idler
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

PROTOTYPE



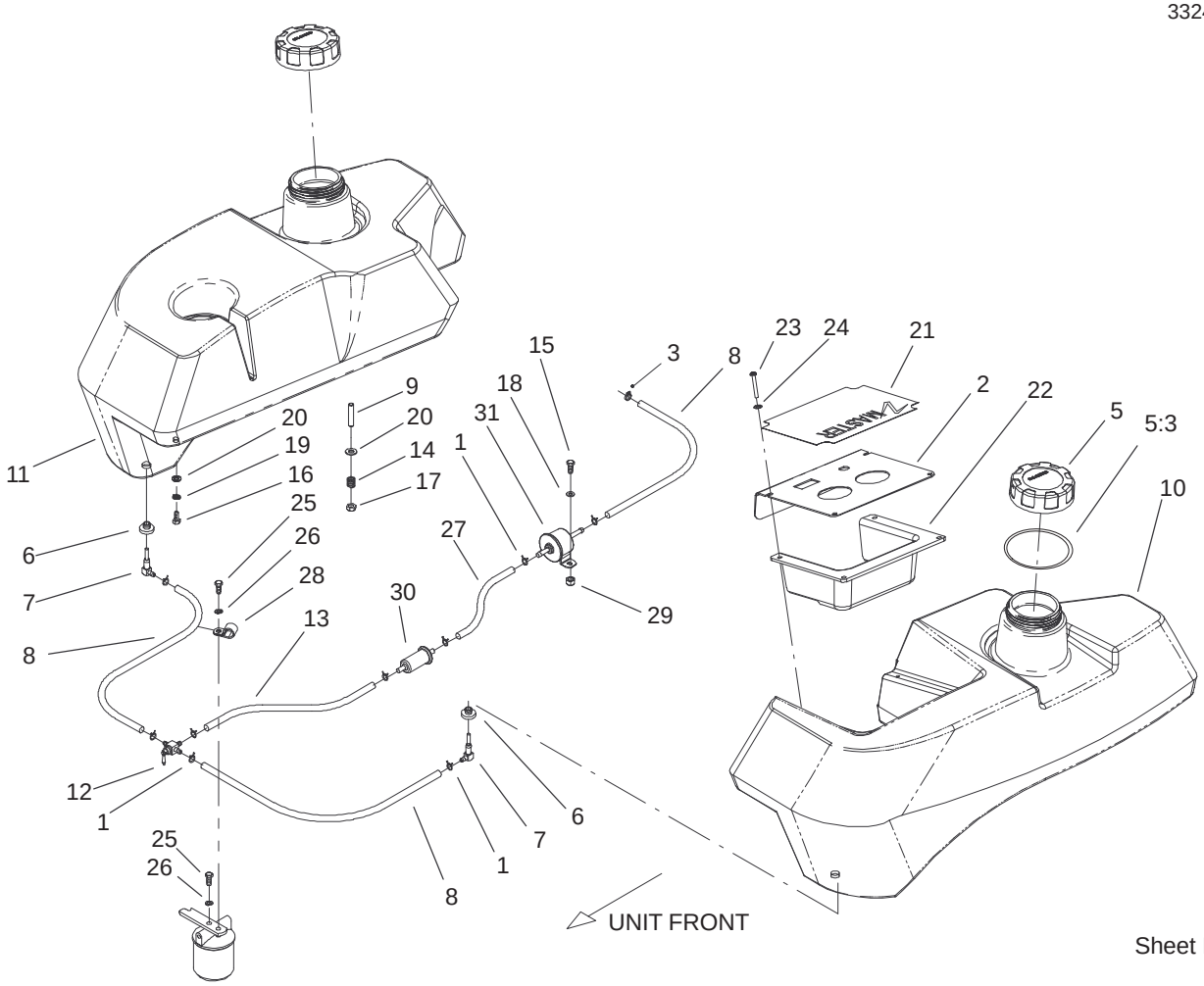
Sheet No.: 12

Frame and Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	32128–37	16	Nut–HF
2	324–6	8	Screw–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

PROTOTYPE



Sheet No.: 13

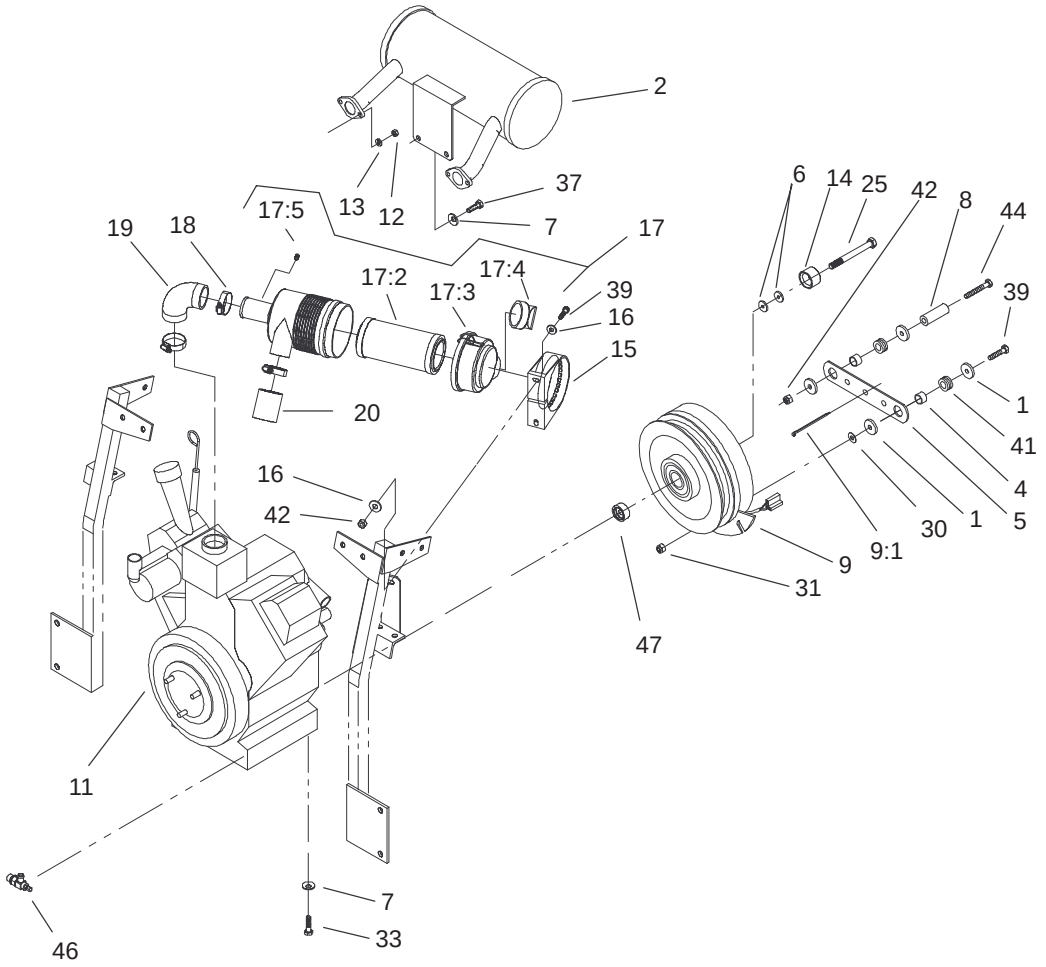
Tank and Fuel Lines Assembly

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	2	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

PROTOTYPE

‡ Obtain locally.



Sheet No.: 14

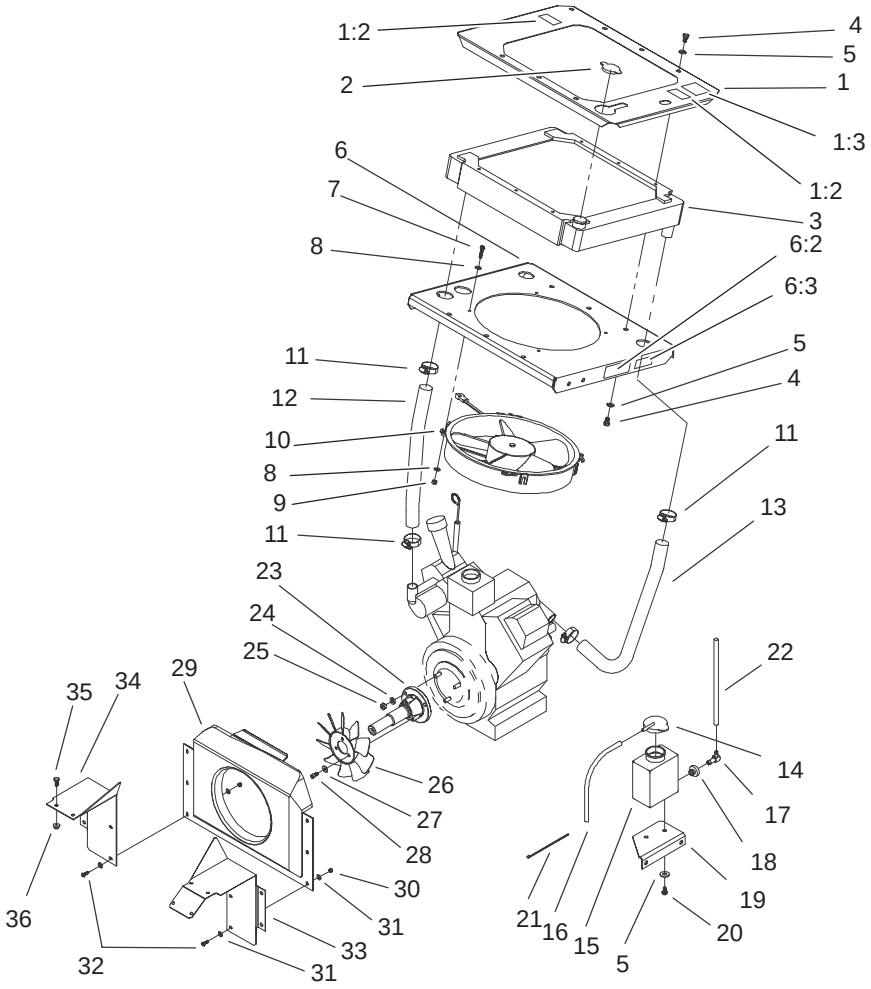
Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	1–613235	4	Washer
2	103–0059	1	Muffler
4	1–633545	2	Spacer–Grommet
5	1–633543–03	1	Strap–Clutch, Brake
6	1–603610	2	Washer–Spring
7	1–303334	6	Washer–Spring
8	1–643008	1	Spacer–Anchor, Clutch
9	103–0665	1	Clutch ASM
9:1	1–303335	1	Tie–Plastic
☆11		1	Engine–Kawasaki, Fd750d–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, Air Cleaner
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	2	Clamp–Hose
19	103–0104	1	Hose, Air Cleaner/Carb
20	1–643084	1	Hose–Inlet, Air

Ref. No.	Part No.	Qty.	Description
25	48–7570	1	Screw – HH
30	3256–3	1	Washer–Flat
31	32128–20	1	Nut–HF
33	33115–025	4	Screw–HH
37	33115–020	2	Screw–HH
39	322–6	3	Screw–HH
41	1–633630	2	Grommet–Brake
42	3296–29	3	Nut–Lock
44	322–38	1	Screw–HH
46	103–0161	1	Valve, Oil Drain
47	103–0114	1	Spacer–Clutch

PROTOTYPE

☆ Not serviced



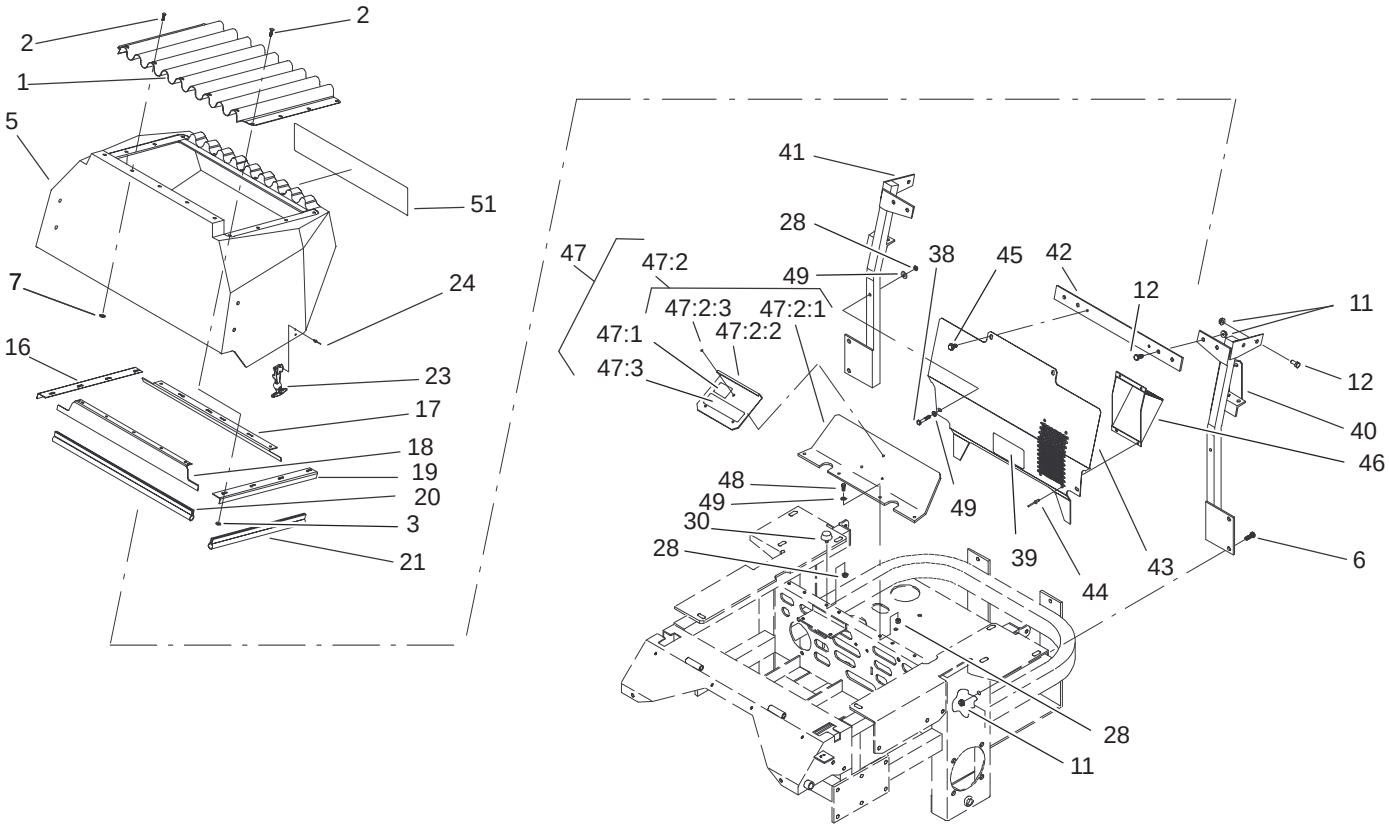
Sheet No.: 15

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	103–1046	1	Radiator,Horiz Mount
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	103–0074	1	Hose, Radiator Inlet
13	103–0075	1	Hose, Radiator Outlet
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
19	1–643024–03	1	Bracket,Bottle

Ref. No.	Part No.	Qty.	Description
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

PROTOTYPE



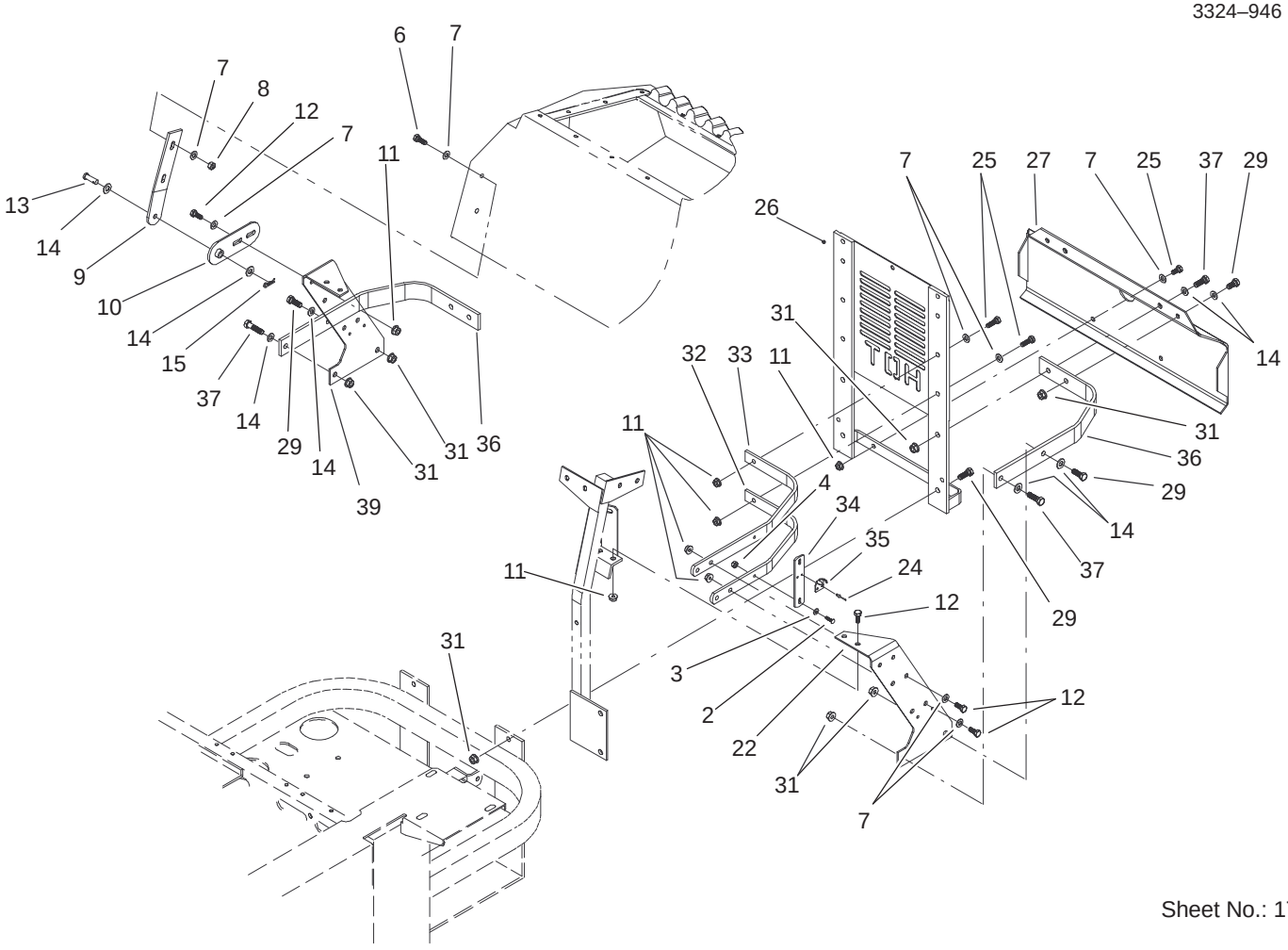
Sheet No.: 16

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 NI
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	103–0107–03	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	103–0110–03	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

PROTOTYPE



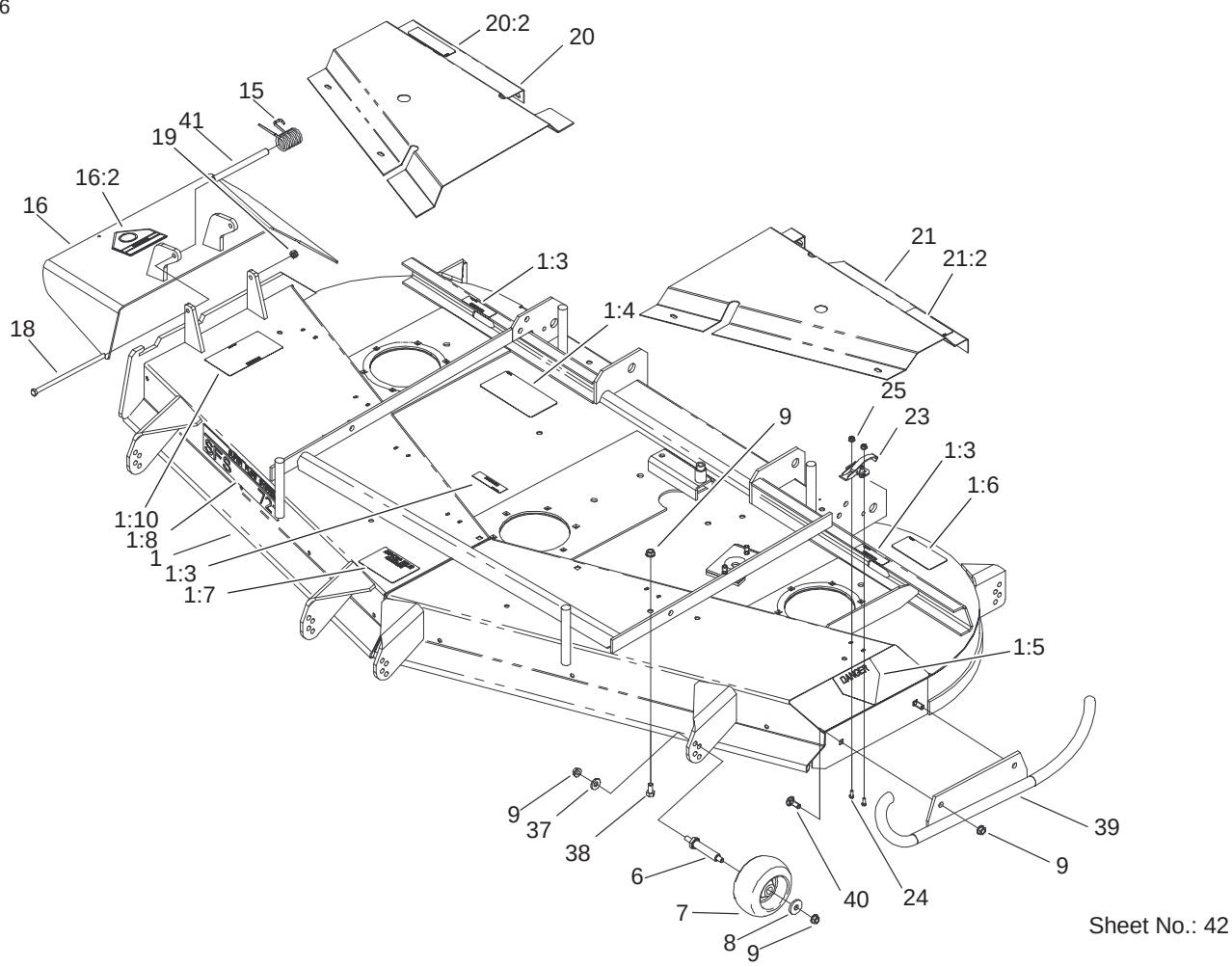
Sheet No.: 17

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

PROTOTYPE



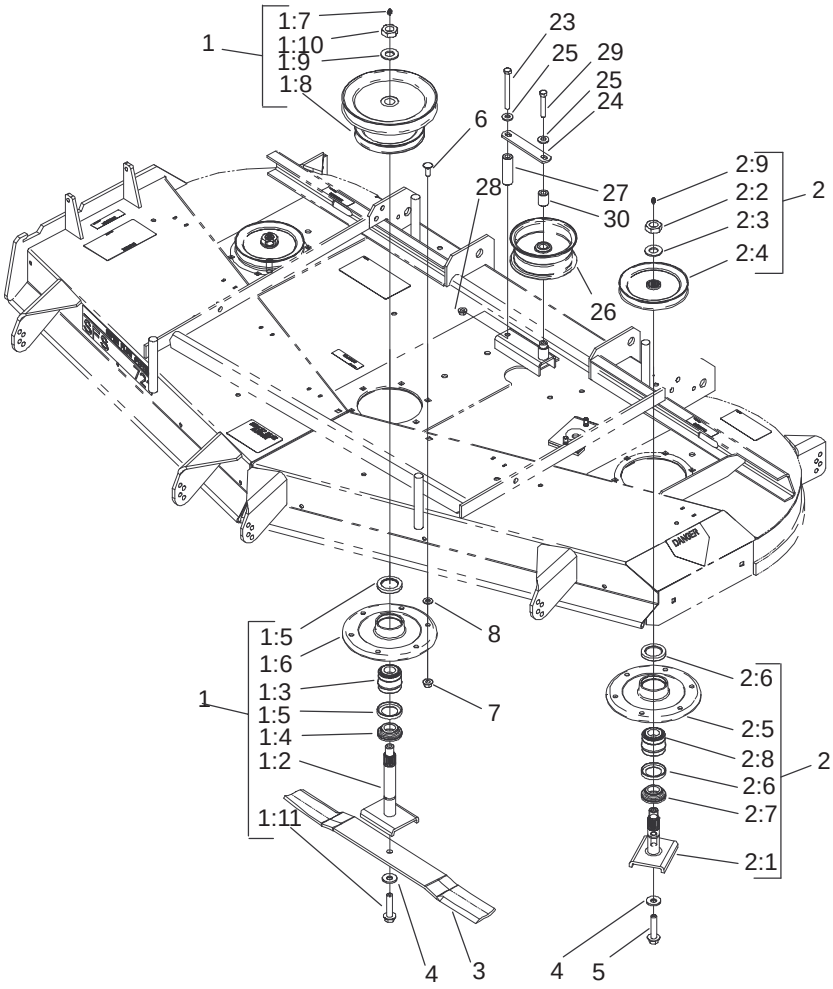
Sheet No.: 42

Deck, Deflector and Roller Assembly

Ref. No.	Part No.	Qty.	Description
1	104–7772	1	Deck ASM
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
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	Gage–Wheel
8	1–373034	6	Washer–Swivel
9	3290–357	18	Nut–Flange, Lock
15	104–8554	1	Spring–Torsion
16	104–7763	1	Deflector ASM
16:2	54–9220	1	Decal–Danger
18	322–50	1	Screw–Cap
19	3296–29	1	Nut–Lock
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
23	249–21	4	Clamp–Slotted
24	3290–321	8	Screw–HWH
25	32128–17	8	Nut–Lock, Flange

Ref. No.	Part No.	Qty.	Description
37	98–5975	6	Washer–Belleville
38	323–4	4	Screw–HH
39	98–7923–01	1	Skid
40	3231–22	2	Screw–CARR
41	104–8555	1	Spacer–Deflector, Mounting

PROTOTYPE



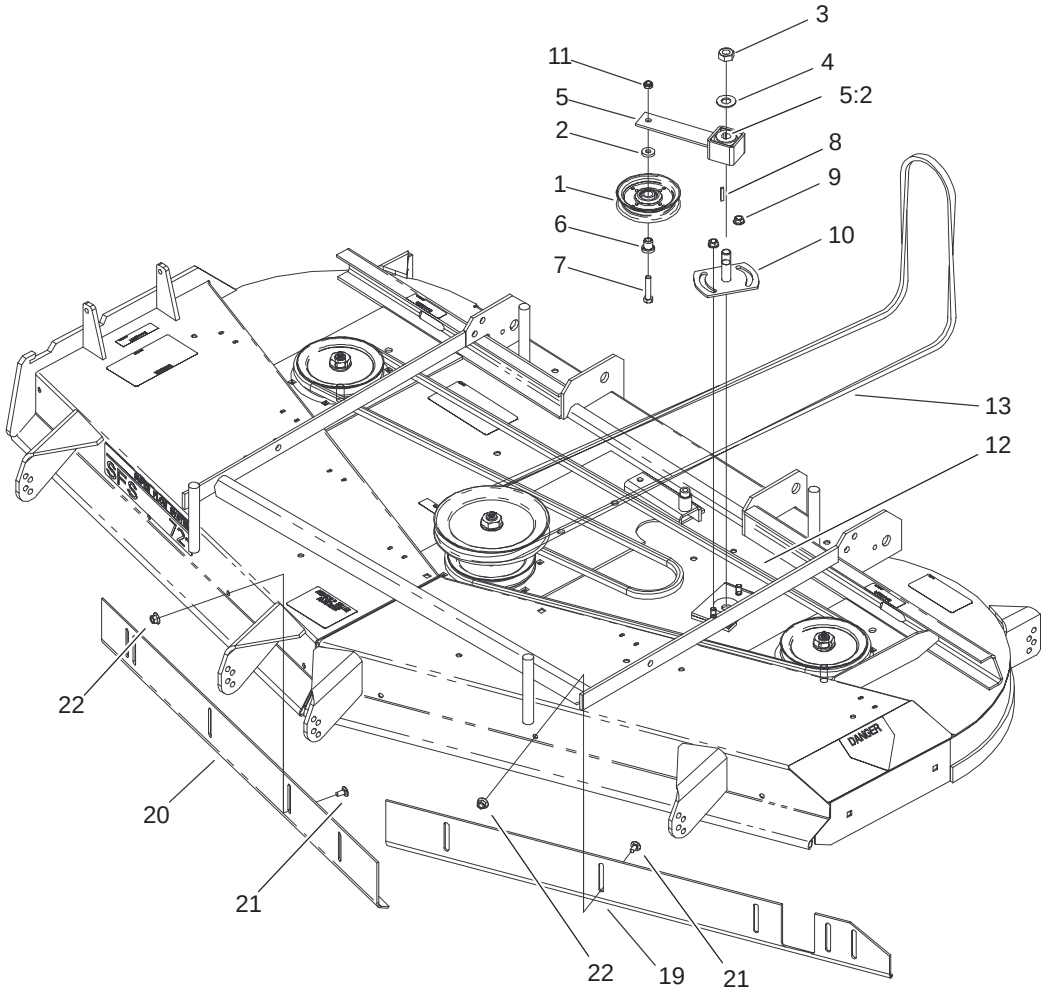
Sheet No.: 43

Spindle and Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	100–4321	1	Middle Spindle ASM
1:2	51–3551	1	Shaft–Spindle
1:3	46–8530	1	Bearing ASM
1:4	27–0950	1	Spacer–Bearing, Spindle
1:5	253–139	2	Seal–Oil
1:6	61–4160	1	Housing–Spindle
1:7	302–2	1	Fitting–Grease
1:8	100–4309	1	Hub Pulley ASM
1:9	92–5836	1	Washer–Axle
1:10	32146–20	1	Nut–Jam
1:11	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	1	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–Flange, Lock
29	323–11	1	Screw–HH
30	1–653190	1	Spacer

PROTOTYPE



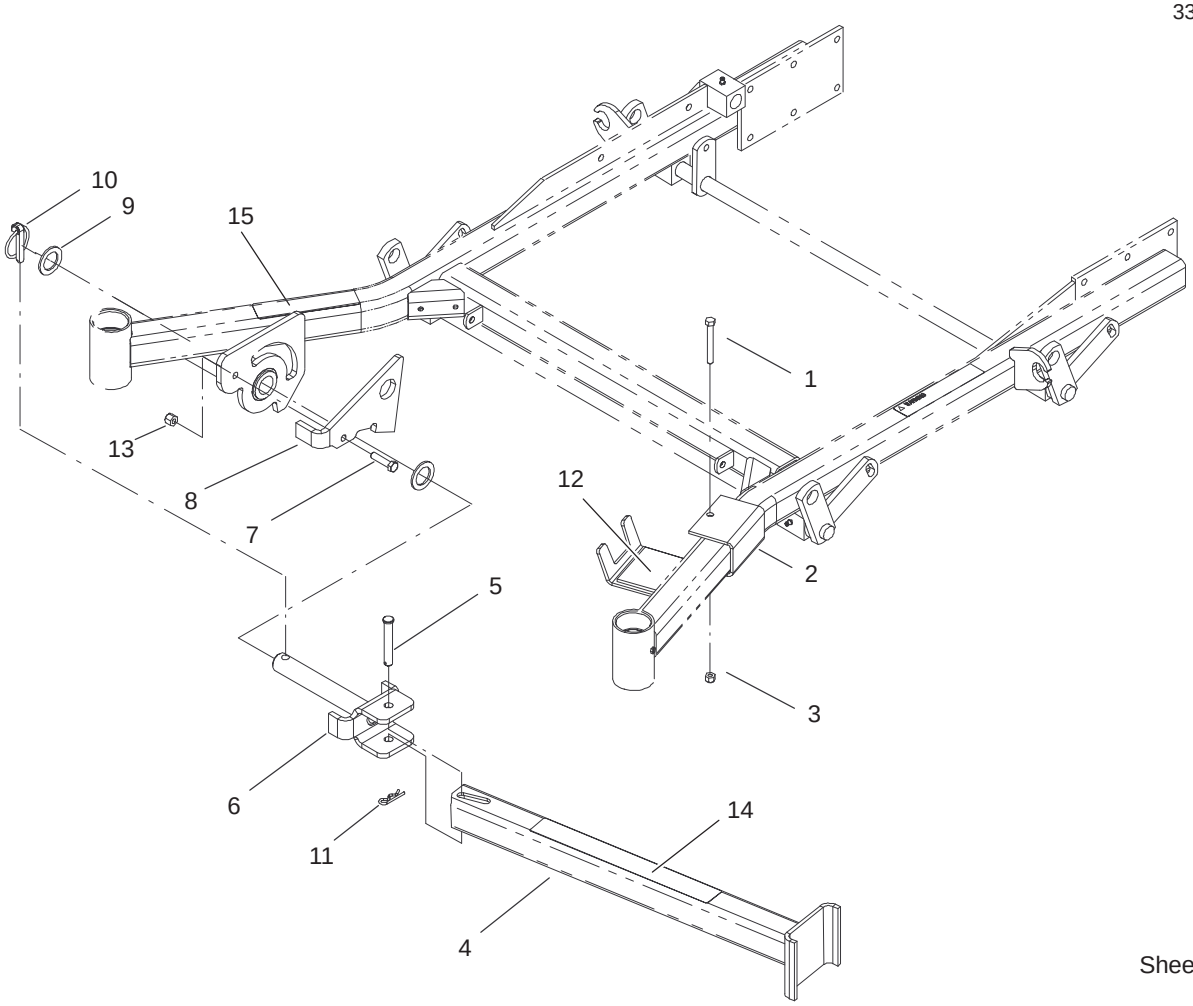
Sheet No.: 44

Belts and Idler Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	65–5940	1	Pulley–Idler
2	7–0081	1	Washer–Flat
3	3296–33	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–Flange, Lock
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

PROTOTYPE



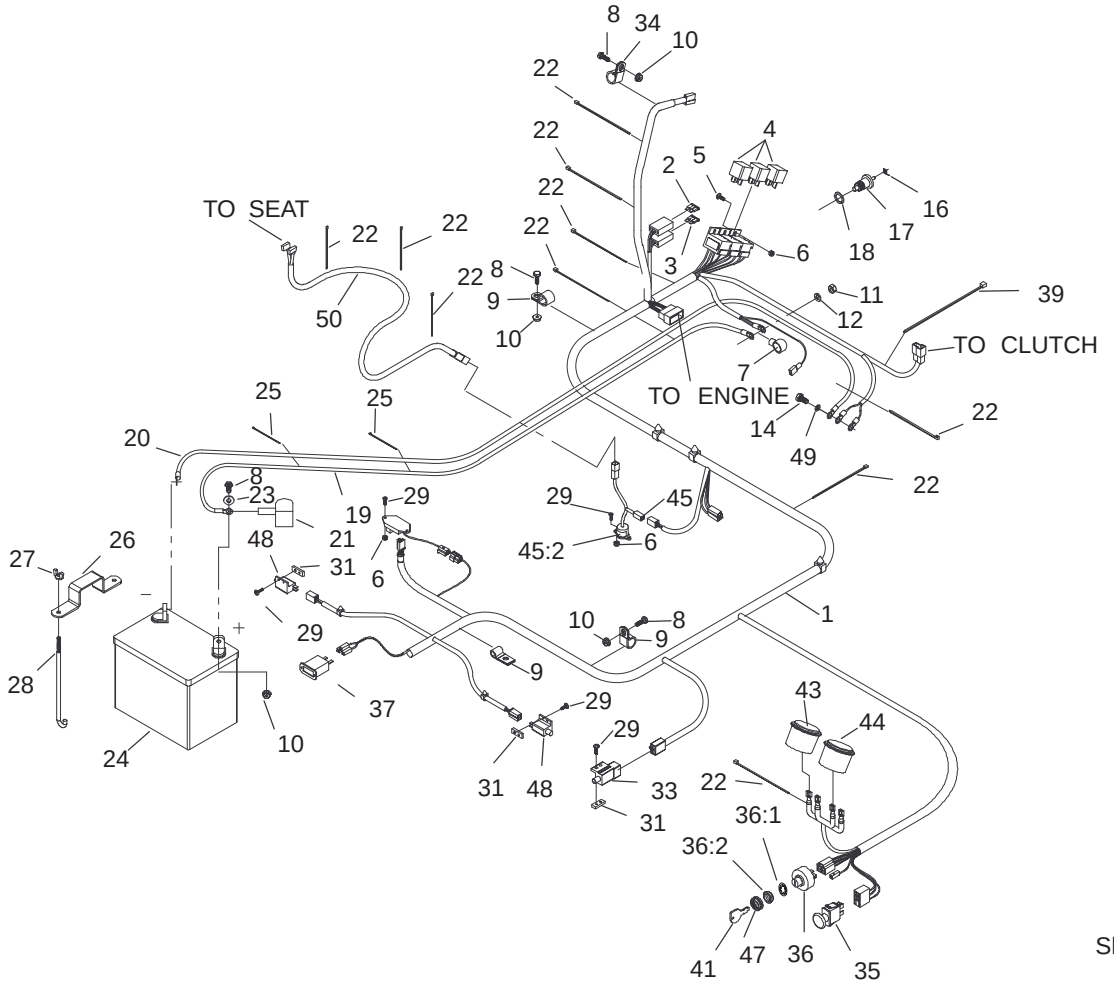
Sheet No.: 51

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	100–9695–01	1	Leg ASM
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
14	104–7758	1	Decal–Z Stand
15	104–7759	1	Decal–Warning

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



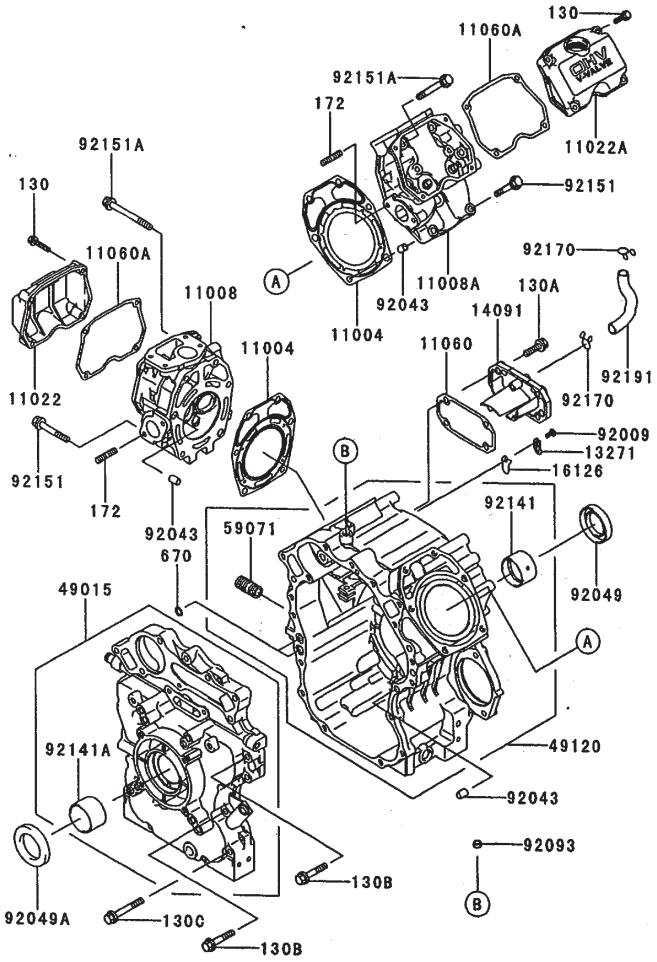
Sheet No.: 52

Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	104–7757	1	Harness – Wire, 27 Kaw
2	1–816001	1	Fuse–Type, Blade
3	1–816003	1	Fuse–Blade Type, 30 Amp
4	1–643275	3	Relay
5	1–803071	2	Screw
6	3296–2	6	Nut–Lock
7	1–543393	1	Insulator–Solenoid
8	321–4	5	Screw–HH
9	1–633396	3	Clip–Loom
10	32128–33	5	Nut–HF
11	33014–00	1	Nut–Hex
12	3256–23	1	Washer–Flat
14	33114–016	1	Screw–HH
16	1–643145	1	Tab
17	103–0283	1	Sender,Eng.temp.m1 –1.5
18	1–643153	1	Washer–Aluminum
19	1–523279	1	Wire–Battery, Positive
20	1–633307	1	Wire–Ground
21	1–543391	1	Insulator–Battery
22	1–303335	10	Tie–Plastic
23	3256–2	2	Washer–Flat
24	1–603479	1	Battery
25	1–303287	2	Tie–Plastic

Ref. No.	Part No.	Qty.	Description
26	1–633652–03	1	Strap–Holddown, Battery
27	1–543792	2	Wingnut
28	1–633651	2	Bolt–Holddown
29	3290–500	10	Screw–PPH
31	1–633181	3	Plate–Tapped
33	1–633111	1	Switch
34	1–513762	1	Clip–Loom
35	1–633673	1	Switch–Delta
36	88–9830	1	Switch–Ignition
36:1	3254–5	1	Washer–Lock, Internal
36:2	218–461	1	Nut–HH
37	1–513374	1	Meter–Hours
39	1–643115	1	Tie–Plastic
41	63–8360	2	Key–Ignition
43	1–643037	1	Gauge–Voltmeter
44	1–643021	1	Gauge–Temperature
45	1–644427	1	Tilt Switch ASM
45:2	1–643401	1	Decal–Switch, Mercury
47	103–0499	1	Seal–Switch, Ignition
48	1–513051	2	Switch–Open, Normally
49	3256–23	1	Washer–Flat
50	1–633840	1	Harness–wiring, Seat

PROTOTYPE



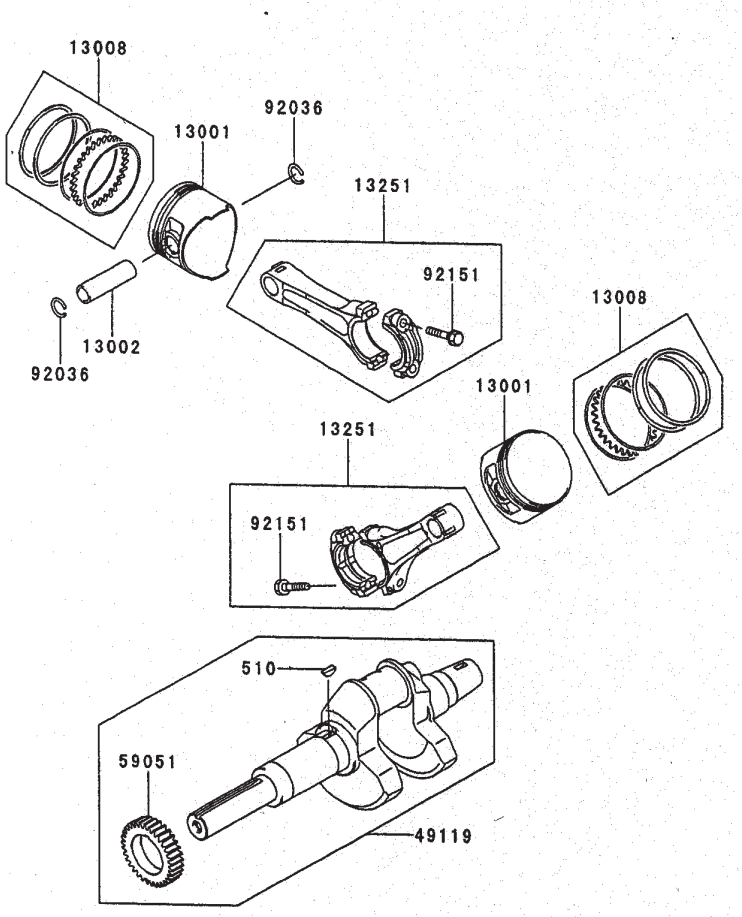
Cylinder/Crankcase (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11004	11004–2142	2	Gasket–Head
11008	11008–2145	1	Head–Comp–Cylinder
11008A	11008–2146	1	Head–Comp–Cylinder
11022	11022–2072	1	Case–Rocker
11022A	11022–2073	1	Case–Rocker
11060	11060–2466	1	Gasket, Breath
11060A	11060–2470	2	Gasket, Rocker, Case
13271	13271–2105	2	Plate
14091	14091–2064	1	Cover, Breath
16126	16126–2225	2	Valve, Breath
49015	49015–6232	1	Cover–Crankcase
49120	49120–6127	1	Crankcase–Comp
59071	59071–2079	1	Joint
92009	92009–2308	2	Screw
92043	92043–1037	6	Pin
92049	92049–2242	1	Seal–Oil
92049A	92049–2243	1	Seal–Oil
92093	92093–2086	1	Seal
92141	92141–2118	1	Bearing–Plane
92141A	92141–2119	1	Bearing–Plane
92151	92151–2158	4	Bolt
92151A	92151–2159	8	Bolt
92170	92170–2002	2	Clamp
92191	92191–2105	1	Tube
130	130G0630	8	Bolt–Flanged
130A	130G0830	4	Bolt–Flanged

Ref. No.	Part No.	Qty.	Description
130B	130G0845	4	Bolt–Flanged
130C	310G0860	4	Bolt–Flanged
172	172G0822	4	Bolt–Stud
670	670B2011	2	O–Ring

PROTOTYPE

Obtain Parts from Kawasaki.



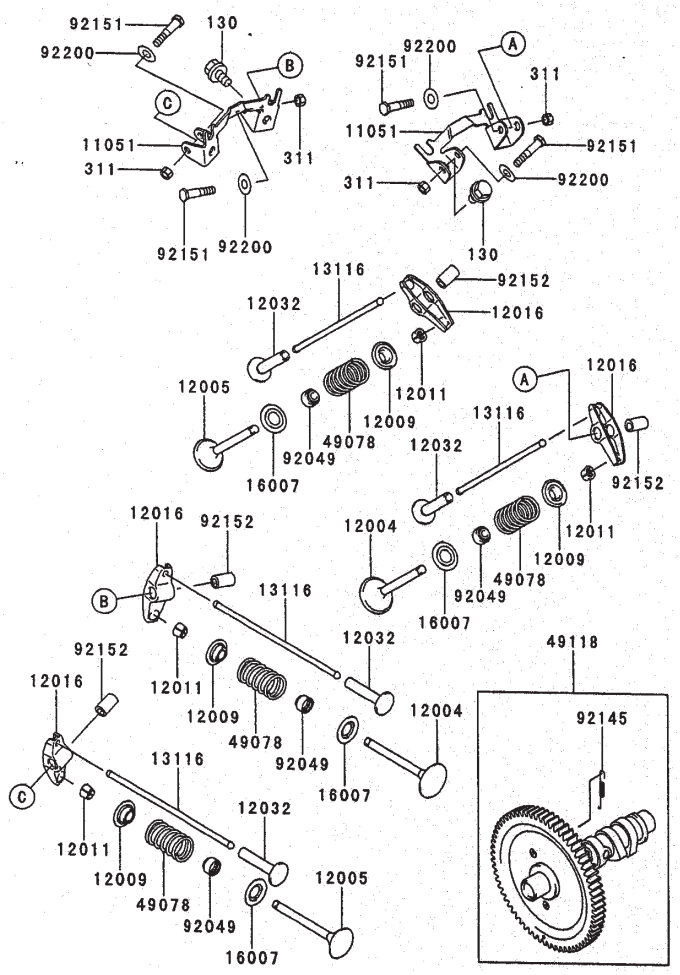
Piston/Crankshaft (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
13001	13001–2125	2	Piston–Engine
13002	13002–0269	2	Pin–Piston
13008	13008–6007	2	Ring–Set–Piston
13251	13251–2058	2	Rod ASM–Connecting
49119	49119–2198	1	Crankshaft ASM
59051	59051–2358	1	Gear–Spur, 33T
92036	92036–008	4	Ring–Snap
92151	92151–2150	4	Bolt
510	510A5100	1	Key–Woodruff

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.



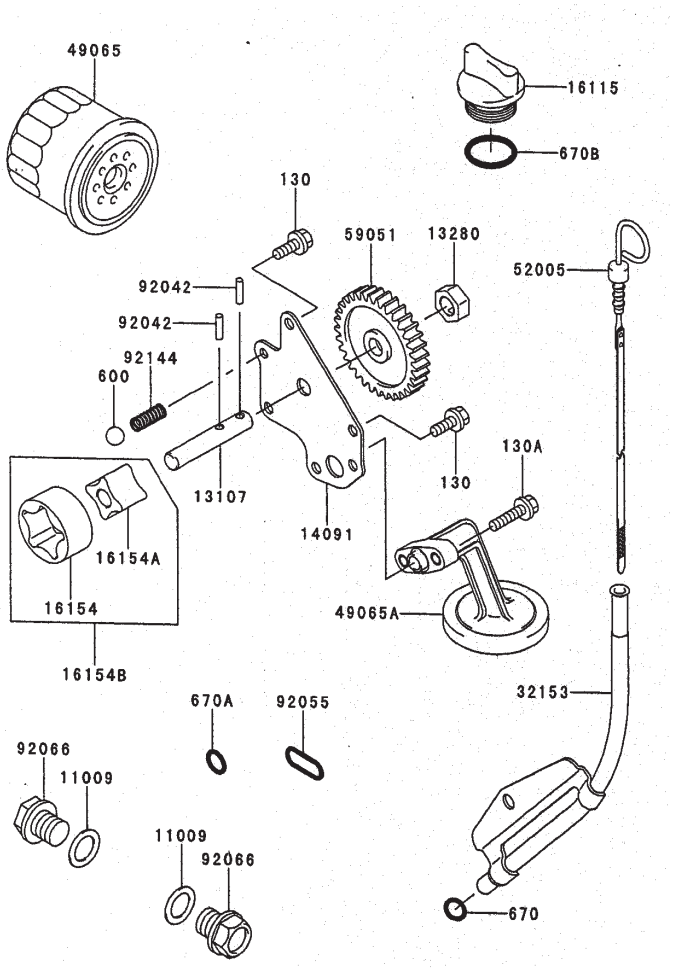
Valve/Camshaft (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11051	11051–2092	2	Bracket
12004	12004–2113	2	Valve–Intake
12005	12005–2100	2	Valve–Exhaust
12009	12009–2060	4	Retainer–Valve Spring
12011	12011–252	8	Collet
12016	12016–2063	4	Arm–Rocker
12032	12032–2060	4	Tappet
13116	13116–2074	4	Rod–Push
16007	16007–2052	4	Seat–Spring
49078	49078–2060	4	Spring–Engine Valve
49118	49118–2138	1	Camshaft
92049	92049–2100	4	Seal–Oil
92145	92145–2085	1	Spring
92151	92151–2134	4	Bolt
92152	92152–2066	4	Collar
92200	92200–2128	4	Washer
130	130G0814	4	Bolt–Flanged
311	311B0600	4	Nut–Hex

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.



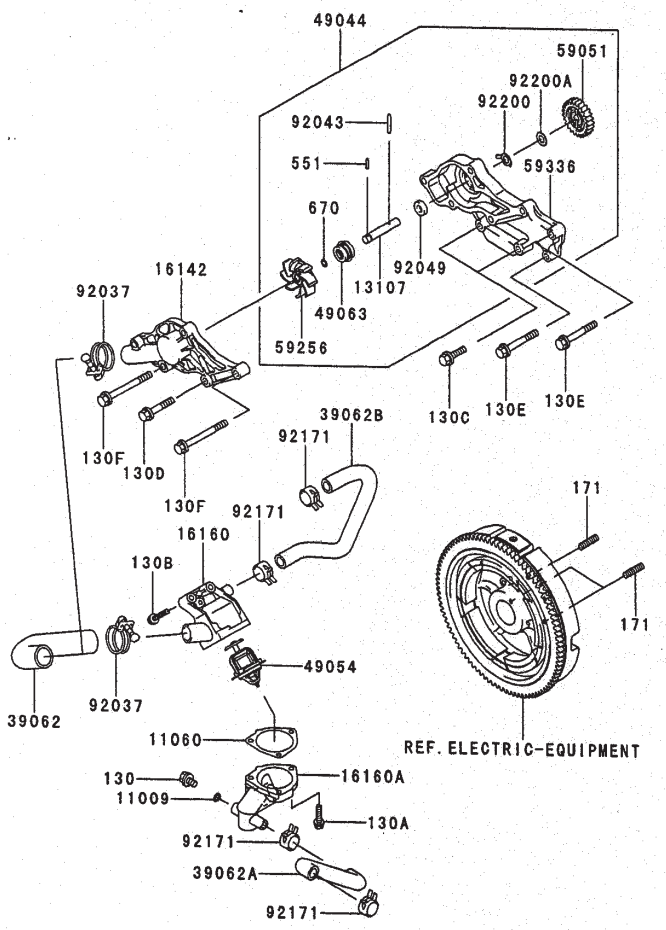
Lubrication Equipment (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11009	11009–2566	2	Gasket, Drain Plug
13107	13107–2281	1	Shaft, Oil Pump
13280	13280–2061	1	Holder, Oil Pump
14091	14091–2065	1	Cover, Oil Pump
16115	16115–2126	1	Cap–Oil Filler
16154	16154–1075	1	Rotor–Pump, Outer
16154A	16154–1076	1	Rotor–Pump, Inner
16154B	16154–1079	1	Rotor–Pump
32153	32153–2076–9H	1	Pipe, Oil Gauge
49065	49065–2071	1	Filter–Oil
49065A	49065–2082	1	Filter
52005	52005–2132	1	Gauge, Oil
59051	59051–2354	1	Gear–Spur, 33T
92042	92042–014	2	Pin
92055	92055–2086	1	O–Ring
92066	92066–2099	2	Plug, Drain
92144	92144–2053	1	Spring
130	130G0616	3	Bolt–Flanged
130A	130G0625	2	Bolt–Flanged
600	600A1300	1	Ball–Steel
670	670B2010	1	O–Ring
670A	670B2011	1	O–Ring
670B	670B3025	1	O–Ring

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.



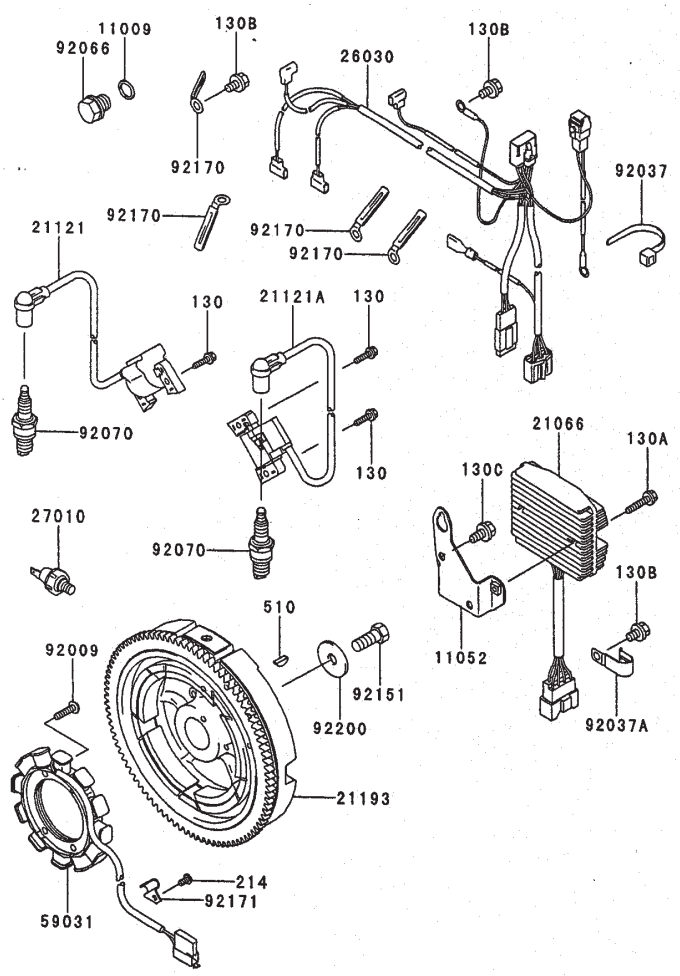
Cooling Equipment (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11009	11009–3028	1	Gasket
11060	11060–2475	1	Gasket–Thermostat
13107	13107–2097	1	Shaft–Impeller
16142	16142–2077	1	Cover–Pump
16160	16160–2127	1	Body–Upper
16160A	16160–6002	1	Body–Valve
39062	39062–2080	1	Hose–Cooling
39062A	39062–2083	1	Hose–Cooling
39062B	39062–2084	1	Hose–Cooling
49044	49044–2063	1	Pump–Water
49054	49054–2058	1	Thermostat
49063	49063–1054	1	Seal–Mechanical
59051	59051–2355	1	Gear–Spur, 25T
59256	59256–2069	1	Impeller
59336	59336–2078	1	Case–Pump
92037	92037–2210	2	Clamp
92043	92043–2237	1	Pin
92049	92049–2111	1	Seal–Oil
92171	92171–2056	4	Clamp
92200	92200–2134	1	Washer
92200A	92200–2135	1	Washer
130	130C0812	1	Bolt–Flanged
130A	130G0625	3	Bolt–Flanged
130B	130G0635	2	Bolt–Flanged
130C	130G0830	2	Bolt–Flanged
130D	130G0845	1	Bolt–Flanged

Ref. No.	Part No.	Qty.	Description
130E	130G0860	2	Bolt–Flanged
130F	130G0880	4	Bolt–Flanged
171	171G0818	3	Bolt–Stud
551	551A0314	1	Pin–Dowel
670	670B1507	1	O–Ring

PROTOTYPE

Obtain Parts from Kawasaki.



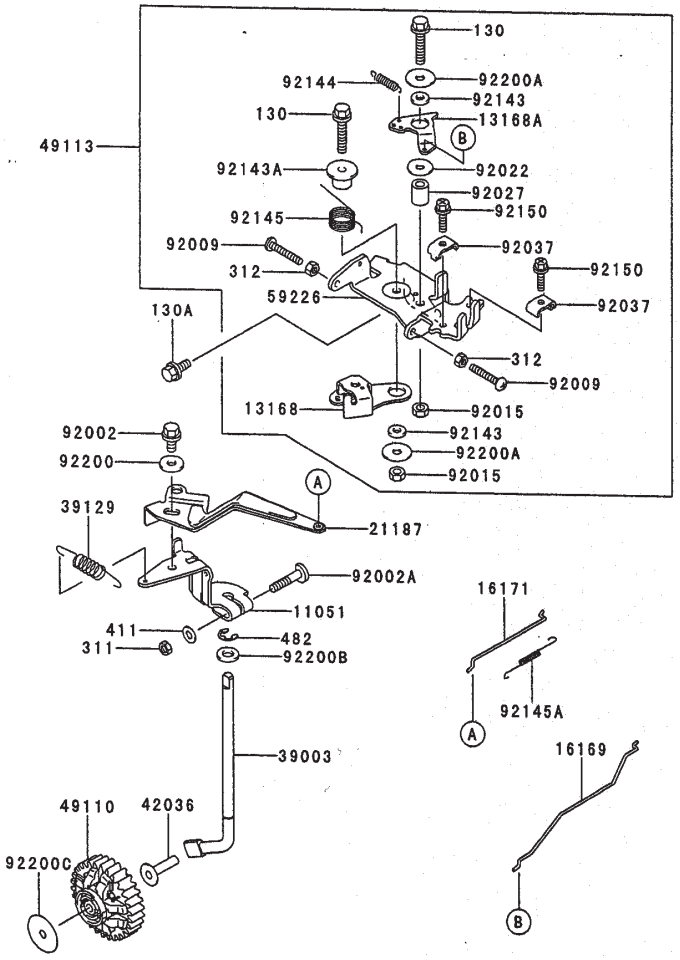
Electric Equipment (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11009	11009–2766	1	Gasket
11052	11052–2058	1	Bracket
21066	21066–2079	1	Regulator–Voltage
21121	21121–2090	1	Coil–Ignition, No. 1
21121A	21121–2091	1	Coil–Ignition, No. 2
21193	21193–2177	1	Flywheel ASM
26030	26030–2320	1	Harness
27010	27010–7001	1	Switch
59031	59031–2127	1	Coil–Charging
92009	92009–2273	4	Scerw
92037	92037–1173	1	Clamp
92037A	92037–2101	1	Clamp
92066	92066–2099	1	Plug–Drain
92070	92070–2110	2	Plug–Spark, BPR2ES
92151	92151–0297	1	Bolt
92170	92170–2060	4	Clamp
92171	92171–2060	1	Clamp
92200	92200–2119	1	Washer
130	130G0520	1	Bolt–Flanged
130A	130G0630	2	Bolt–Flanged
130B	130G0812	3	Bolt–Flanged
130C	130G0816	2	Bolt–Flanged
214	214B0510	1	Screw–Pan+–
510	510A5100	1	Key–Woodruff

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.



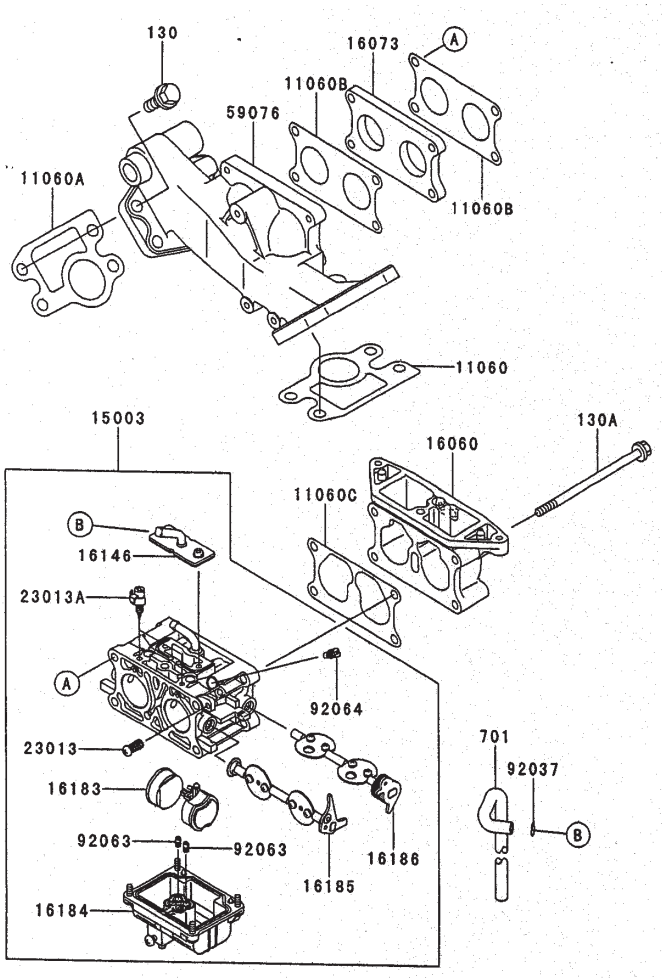
Control Equipment (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11051	11051–2113	1	Bracket
13168	13168–2466	1	Lever–Throttle
13168A	13168–2467	1	Lever–Choke
16169	16169–2142	1	Link–Choke
16171	16171–2091	1	Link
21187	21187–2073	1	Arm ASM
39003	39003–2091	1	Arm–Pivot
39129	39129–2099	1	Spring–Governor
42036	42036–2060	1	Sleeve
49110	49110–2094	1	Governor ASM
49113	49113–2170	1	Panel–Comp–Control
59226	59226–2328	1	Panel–Control
92002	92002–1902	1	Bolt
92002A	92002–2269	1	Bolt
92009	92009–2381	2	Screw
92015	92015–2051	2	Nut
92022	92002–2372	1	Washer
92027	92027–1461	1	Collar
92037	92037–2209	2	Clamp
92143	92143–2135	2	Collar
92143A	92143–2148	1	Collar
92144	92144–2052	1	Spring
92145	92145–2058	1	Spring
92145A	92145–2095	1	Spring
92150	92150–2182	2	Bolt
92200	92200–2035	1	Washer

Ref. No.	Part No.	Qty.	Description
92200A	92200–2108	2	Washer
92200B	92200–2120	1	Washer
92200C	92200–2122	1	Washer
130	130B0630	2	Bolt–Flanged
130A	130G0614	2	Bolt–Flanged
311	311B0600	2	Nut–Hex
312	312G0500	2	Nut–Hex
411	411B0600	1	Washer
482	482J7000	1	Circlip–Type E

PROTOTYPE

Obtain Parts from Kawasaki.



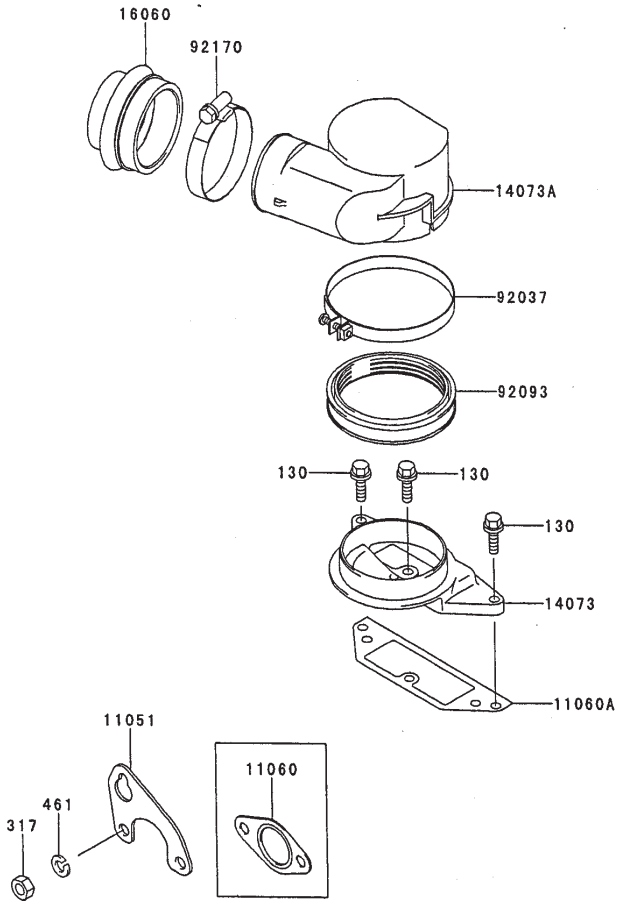
Carburetor (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11060	11060–2468	1	Gasket–Intake
11060A	11060–2469	1	Gasket–Intake
11060B	11060–2471	2	Gasket–Intake Pipe
11060C	11060–2473	1	Gasket–Carburetor
15003	15003–2776	1	Carburetor ASM
16060	16060–2194	1	Pipe–Intake
16073	16073–2206	1	Insulator
16146	16146–2227	1	Cover ASM
16183	16183–2006	1	Float ASM
16184	16184–2004	1	Float Chamber ASM
16185	16185–2036	1	Throttle Valve ASM
16186	16186–2036	1	Choke Valve ASM
23013	23013–2059	1	Screw ASM
23013A	23013–2060	1	Screw ASM
59076	59076–2065	1	Manifold–Intake
92037	92037–1610	1	Clamp
92063	92063–2400	2	Jet–Main
92064	92064–2113	2	Jet–Pilot
130	130G0825	8	Bolt–Flanged
130A	130T06110	4	Bolt–Flanged
701	701Q061000	1	Tube–PVC

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.



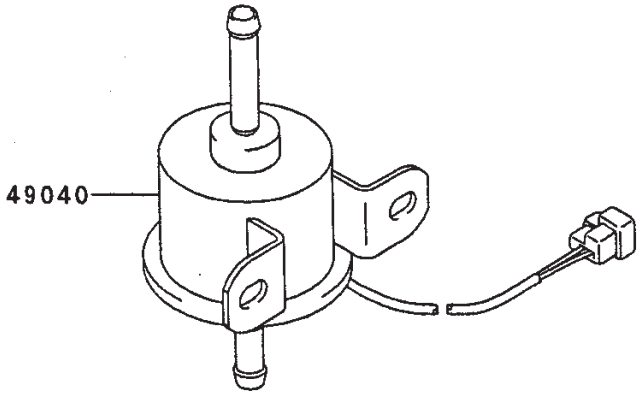
Air–Filter/Muffler (Kawasaki FD750D–AS03)

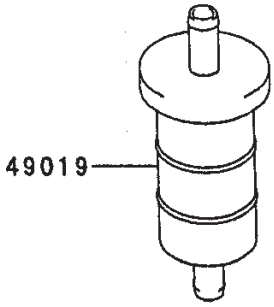
Ref. No.	Part No.	Qty.	Description
11051	11051–2088	1	Bracket
11060	11060–2467	2	Gasket–Muffler
11060A	11060–2474	2	Gasket–Air Filter
14073	14073–2075	1	Duct–Lower
14073A	14073–2076	1	Duct–Upper
16060	16060–2197	1	Pipe–Intake
92037	92037–1654	1	Clamp
92093	92093–2118	1	Seal
92170	92170–2075	1	Clamp
130	130G0620	3	Bolt–Flanged
317	317R0800	1	Nut–Hex
461	461F0800	1	Washer–Spring

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.





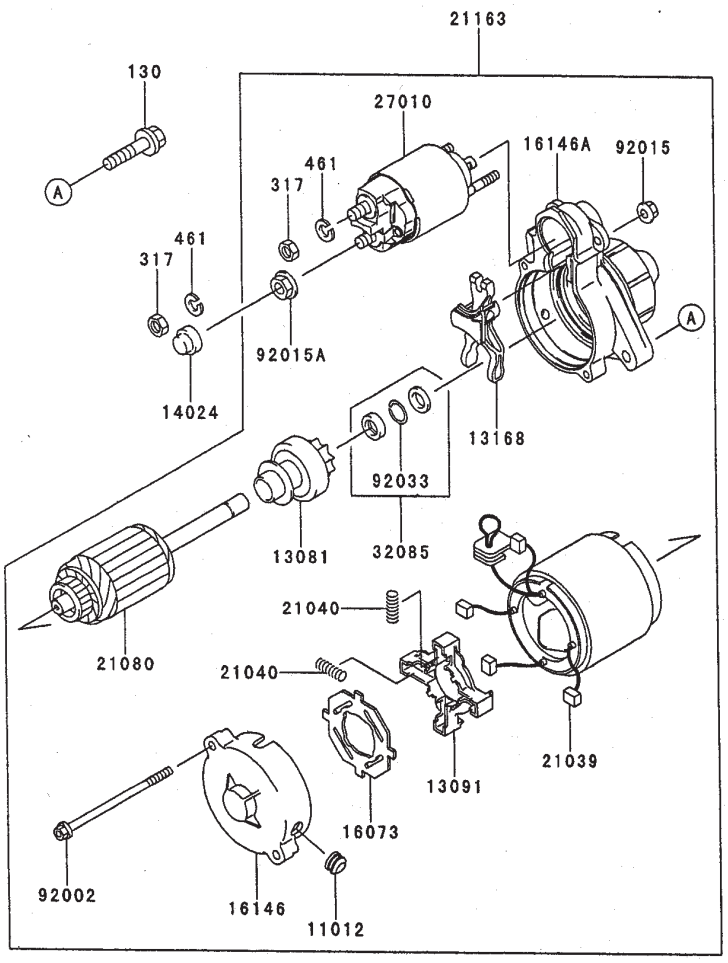
Fuel–Tank/Fuel–Valve (Kawasaki FD750D–AS03)

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

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.



Starter (Kawasaki FD750D–AS03)

Ref. No.	Part No.	Qty.	Description
11012	11012–2226	1	Cap
13081	13081–2108	1	Clutch ASM
13091	13091–2068	1	Holder–Brush
13168	13168–2131	1	Lever–Shift
14024	14024–2205	1	Cover
16073	16073–2098	1	Insulator
16146	16146–2187	1	Cover ASM
16146A	16146–2225	1	Cover ASM
21039	21039–2059	4	Brush
21040	21040–2052	4	Spring–Brush
21080	21080–2054	1	Armature
21163	21163–2120	1	Starter–Electric
32085	32085–2097	1	Stopper
92002	92002–2277	2	Bolt
92015	92015–2146	2	Nut
92015A	92015–2147	1	Nut
992033	92033–2081	1	Ring–Snap
130	130G0835	2	Bolt–Flanged
317	317B0800	2	Nut–Hex
461	461F0800	2	Washer–Spring

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts from Kawasaki.

Maintenance Record

Date								

PROTOTYPE

Maintenance Record

Date								



PROTOTYPE