Form No. 3327–573

Mid–Size Mower

ProLine Hydro 15hp with 36in Side Discharge Mower

Model No. 30524—220000001 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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Accessories

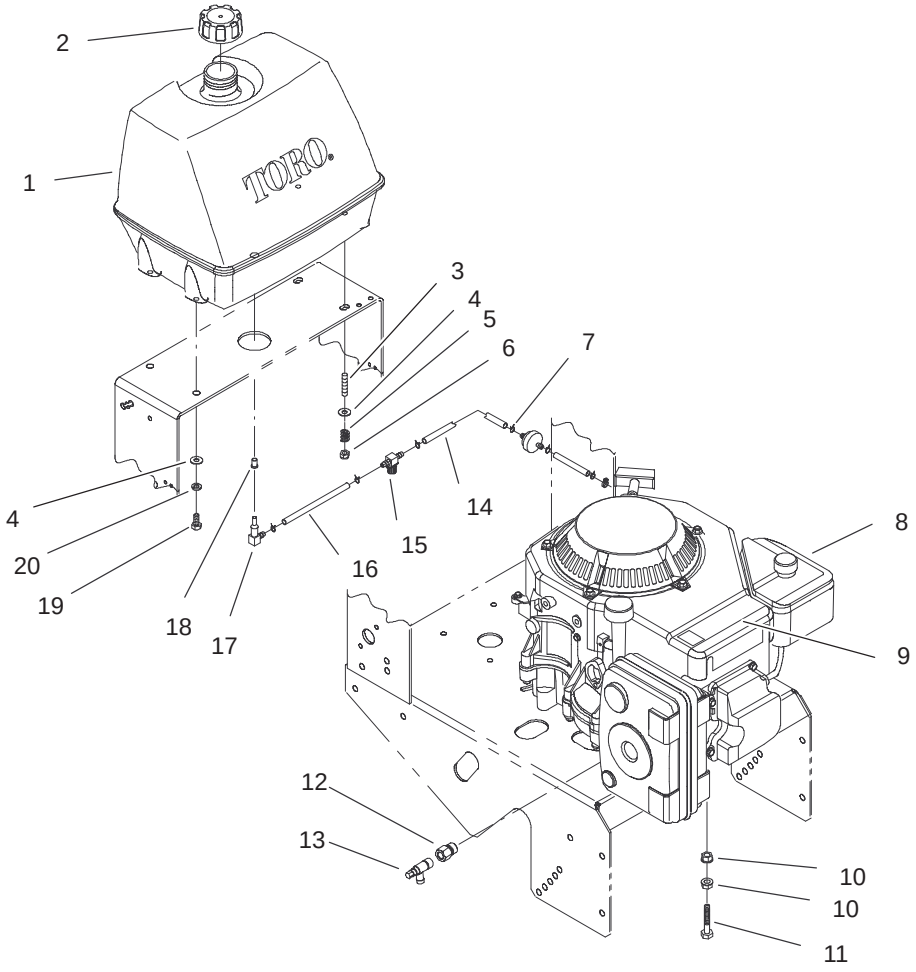
Description	Model / Part No.
Parking Brake Kit	106–2746
Recycler Kit	30142
Low Sail Blade	103–2508
Soft Bagger	30198
Atomic Blade	104–8590

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
HYD	hydraulic
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

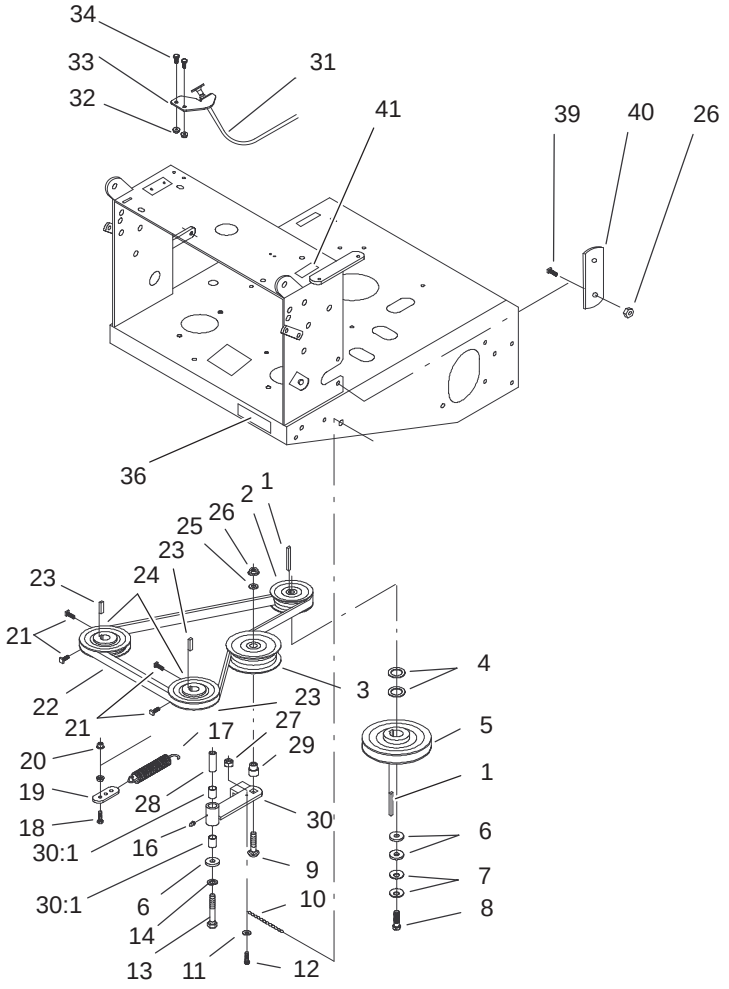
Engine and Fuel System Assembly

Ref. No.	Part No.	Qty.	Description
1	1–323551	1	Tank–Fuel
2	1–513508	1	Cap–Fuel
3	1–633023	2	Stud
4	3256–23	4	Washer–Flat
5	1–633349	2	Spring–Tank, Fuel
6	3296–47	2	Nut–Lock, NI
7	1–303077	4	Clamp–Line, Fuel
☆8		1	Engine–Kawasaki, FH451V–BS04
9	63–8440	1	Decal–Surface, Hot
10	3290–357	2	Nut–HHF
11	323–13	1	Screw–HH
12	103–1966	1	Adapter
13	103–1965	1	Valve–Drain, Oil
14	1–303022	1	Hose–Line, Fuel
15	1–603770	1	Valve–Fuel
16	1–603955	1	Hose–Line, Fuel
17	1–543277	1	Elbow–Tank, Fuel
18	1–513645	1	Bushing–Valve, Fuel
19	322–3	2	Screw–HH
20	1–805005	2	Washer–Lock

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

☆ Not serviced separately



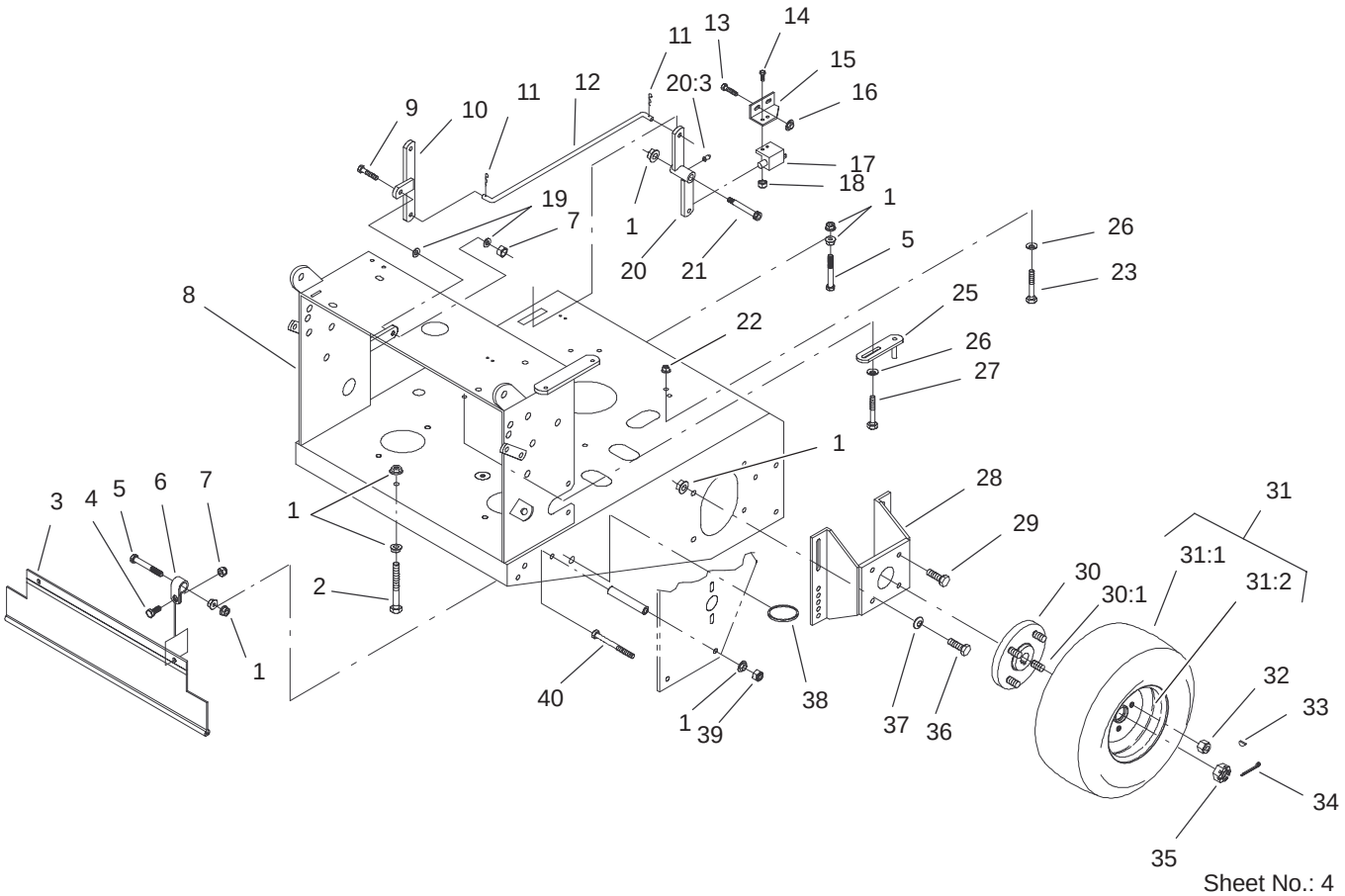
Sheet No.: 3

Transmission and Drive Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	1–807259	2	Key
2	1–653035	1	Sheave W/Hub
3	1–603843	1	Pulley–Idler
4	1–523157	2	Washer–Spacer
5	103–1668	1	Sheave
6	1–373034	3	Washer–Swivel
7	1–603610	2	Washer–Spring
8	3212–6	1	Screw–HH
9	3231–29	1	Screw–CARR
10	1–323365	1	Chain–Link, Twist
11	3256–14	1	Washer–Flat
12	1–809069	1	Screw–Cap HH
13	323–12	1	Screw–HH
14	3253–5	1	Washer–Lock
16	302–19	1	Fitting–Grease
17	1–603402	1	Spring–Extension
18	322–5	1	Screw–HH
19	1–603801	1	Anchor–Spring
20	32128–20	6	Nut–HF
21	1–803050	4	Screw–Set
22	106–2740	1	V–Belt–Hydro Drive
23	1–807272	2	Key–Machine
24	1–413010	2	Sheave W/Hub
25	3256–24	1	Washer–Flat
26	3290–357	6	Nut–HHF
27	3296–2	1	Nut–Lock

Ref. No.	Part No.	Qty.	Description
28	1–603044	1	Bushing
29	1–603496	1	Bushing–Idler
30	1–602521	1	Idler Arm ASM
30:1	1–513034	2	Sleeve–Bearing
31	103–1796	1	Cable–Choke
32	32128–33	2	Nut–HF
33	103–1797–01	1	Bracket–Cable, Choke
34	321–3	2	Screw–HH
36	98–0776	1	Decal–Caution
39	321–4	2	Screw–HH
40	1–633068	1	Arm–Lift, Deck
41	95–2814	1	Decal–Shut Off, Fuel

PROTOTYPE



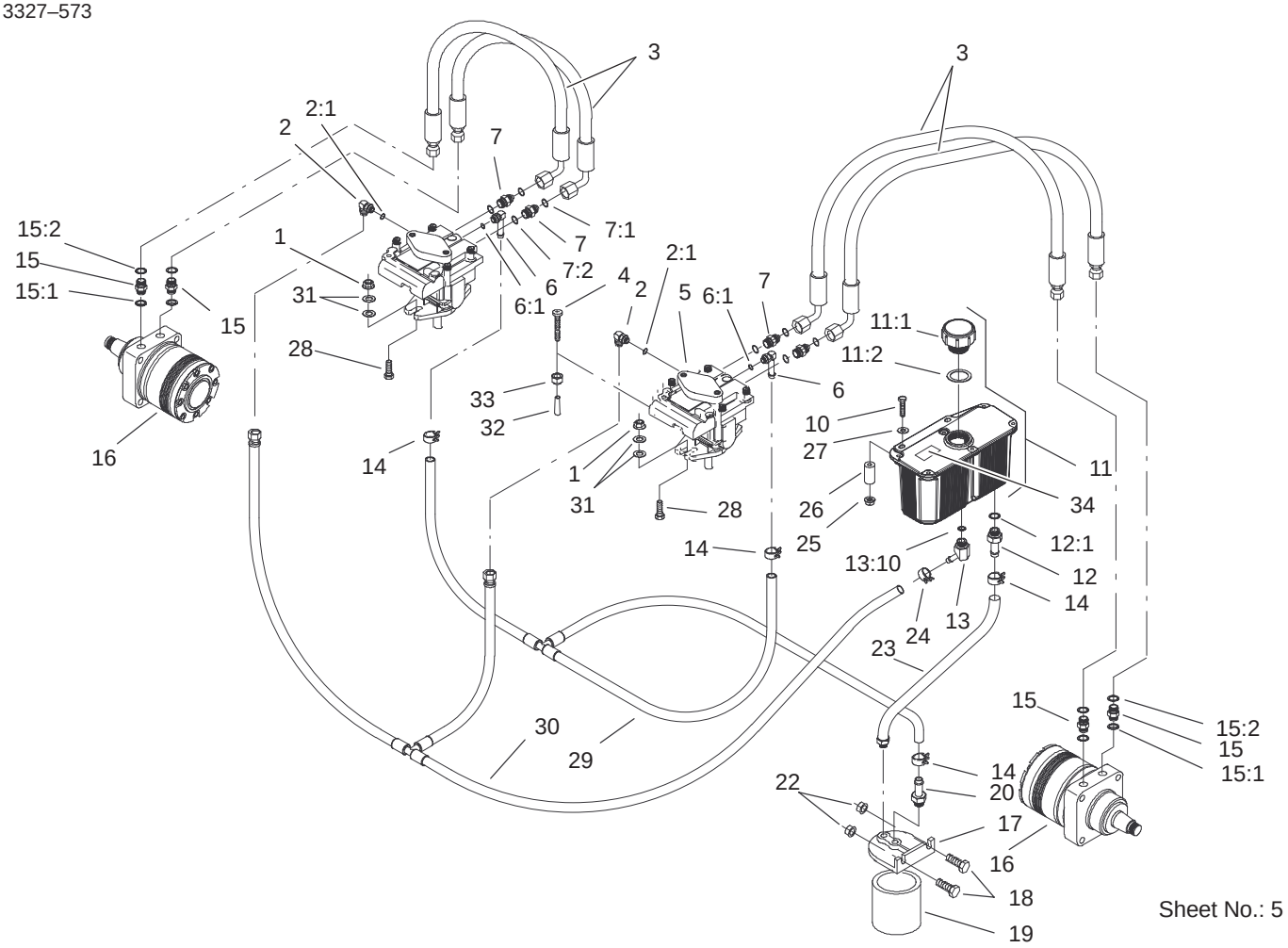
Sheet No.: 4

Wheel Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	3290–357	8	Nut–HHF
2	323–11	1	Screw–HH
3	103–2056	1	Shield–Drag
4	322–3	2	Screw–HH
5	323–13	4	Screw–HH
6	1–413510	2	Clip–Loom
7	3296–29	3	Nut–Lock, NI
8	103–2287–01	1	Deck–Rear
9	322–6	2	Screw–HH
10	1–322090–01	1	Bellcrank
11	1–806003	3	Pin–Hair
12	1–323172	1	Linkage–Engage, Blade
13	321–3	2	Screw–HH
14	3290–500	1	Screw–PPH
15	1–323213	1	Bracket–Switch, Blade
16	32128–33	2	Nut–HF
17	1–513051	1	Switch–Open, Normally
18	3296–2	2	Nut–Lock
19	3256–23	5	Washer–Flat
20	1–322108	1	Bellcrank ASM
20:3	302–40	1	Fitting–Grease
21	1–809062	1	Screw
22	32128–20	6	Nut–HF
23	322–7	3	Screw–HH

Ref. No.	Part No.	Qty.	Description
25	1–322110	1	Guide–Belt
26	1–303334	4	Washer–Spring
27	322–9	1	Screw–HH
28	1–322162–01	2	Mount–Motor
29	3234–12	8	Screw–HHF
30	1–602997	2	Hub W/Studs
30:1	1–633926	4	Stud
31	1–413473	2	Wheel And Tire ASM
31:1	1–413474	1	Tire–Turfmaster
31:2	1–603715	1	Wheel–Rim
32	242–50	8	Nut–Lug
33	1–807019	2	Key–Woodruff
34	1–806800	2	Pin–Cotter
35	1–803040	2	Nut–Slotted
36	323–6	8	Screw–HH
37	98–5975	8	Washer–Belleville
38	1–323366	1	Ring–Split
39	3296–39	1	Nut–Lock, NI
40	323–23	1	Screw–HH

PROTOTYPE



Sheet No.: 5

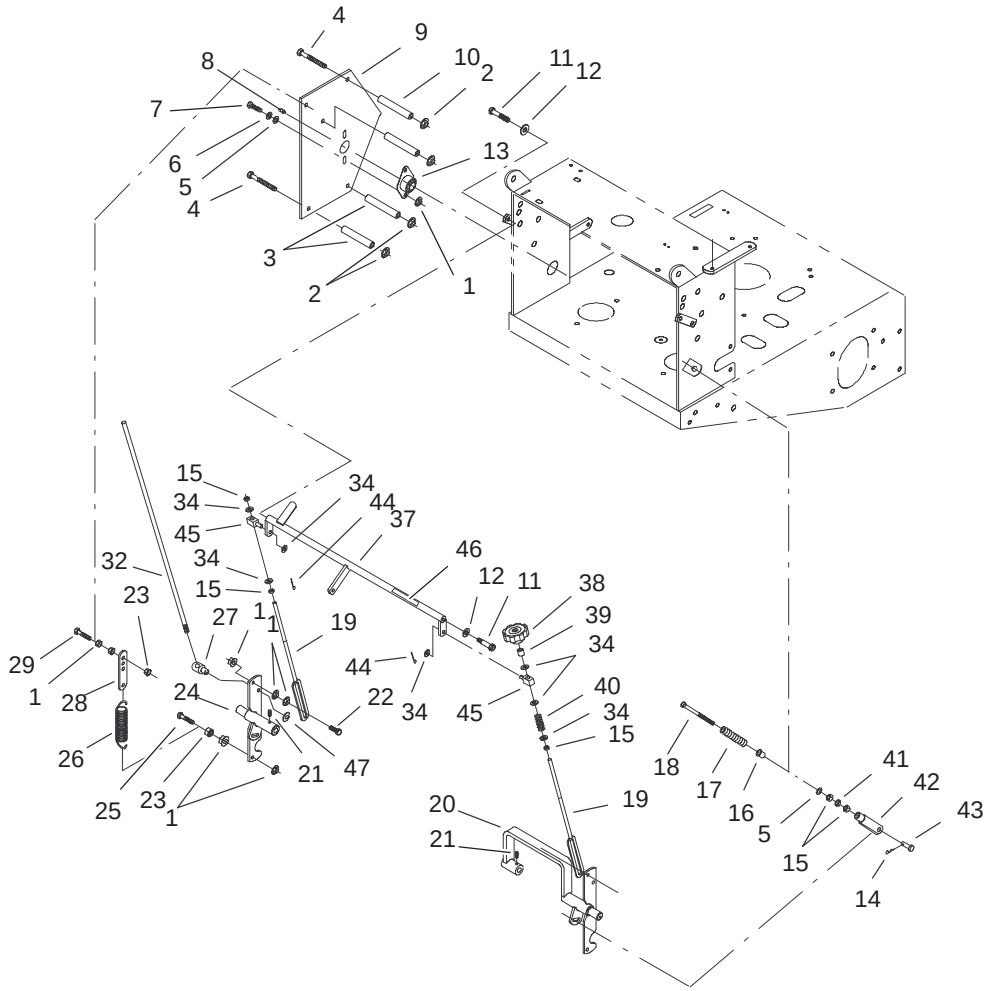
Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
1	3290–357	4	Nut–HHF
2	1–513840	2	Fitting–90°
2:1	237–42	1	O–Ring
3	1–403102	4	Hose–Pressure, High
4	1–801063	2	Screw
5	1–613042	2	Pump
6	1–603989	2	Fitting
6:1	237–78	1	O–Ring
7	1–603990	4	Fitting–Straight
7:1	237–79	1	O–Ring
7:2	1–603992	1	O–Ring
10	321–15	2	Screw–HH
11	103–1946	1	Reservoir–HYD
11:1	103–1948	1	Cap–HYD Reservoir
11:2	103–1949	1	Gasket–Cap
12	103–1912	1	Adapter–Straight
12:1	237–42	1	O–Ring
13	103–2112	1	Elbow–45°
13:10	1–603921	1	O–Ring
14	103–1988	4	Clamp–Hose
15	1–603991	4	Fitting–Straight
15:1	237–80	1	O–Ring
15:2	1–603992	1	O–Ring
16	1–603718	2	Motor–Wheel
*16:1	1–000119	1	Kit–Seal
17	1–603720	1	Head–Filter

Ref. No.	Part No.	Qty.	Description
18	322–5	2	Screw–HH
19	1–633750	1	Filter–HYD
20	103–1804	1	Adapter–Straight
22	32128–20	2	Nut–HF
23	103–1805	1	HYD Hose ASM
24	103–1716	1	Clamp–Hose
25	32128–33	2	Nut–HF
26	103–2191	2	Spacer
27	3256–22	2	Washer–Flat
28	323–7	4	Screw–HH
29	103–2057	1	HYD Hose ASM
30	103–2073	1	HYD Hose ASM
31	3256–3	8	Washer–Flat
32	1–613073	2	Grip–Valve, Dump
33	3296–42	2	Nut–Lock, NI
34	1–523552	1	Decal–Tank, Hydraulic

PROTOTYPE

* Not illustrated



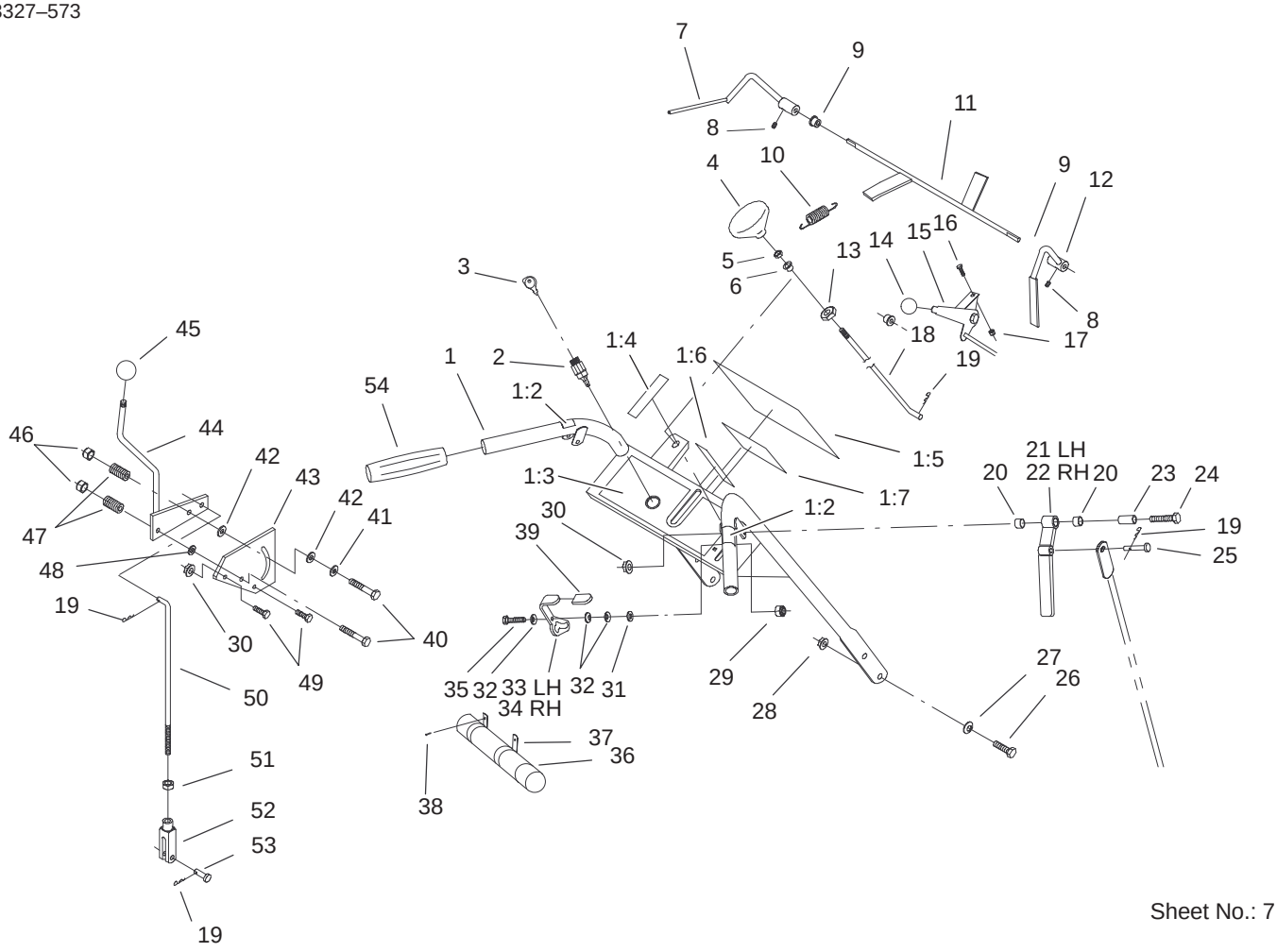
Sheet No.: 6

Lower Control Assembly

Ref. No.	Part No.	Qty.	Description
1	32128–20	12	Nut–HF
2	3290–357	8	Nut–HHF
3	1–323197–01	4	Spacer–Shield
4	323–16	7	Screw–HH
5	3256–2	6	Washer–Flat
6	1–805005	4	Washer–Lock
7	322–3	4	Screw–HH
8	302–19	2	Fitting–Grease
9	1–413201–01	2	Shield–Controls, Hydro
10	1–323195–01	4	Spacer–Shield
11	1–809056	2	Screw
12	3256–24	2	Washer–Flat
13	1–633102	2	Bearing–Flange, Side
14	1–806003	2	Pin–Hair
15	3219–2	7	Nut–Hex
16	1–603735	2	Bushing–Flanged
17	1–603807	2	Spring–Return, Neutral
18	1–603737	2	Bolt–Return, Neutral
19	1–413350	2	Link–Control, Speed
20	103–1191–01	1	Shaft–Control, RH
21	1–803022	2	Screw
22	1–403180	2	Screw–HH
23	3296–29	4	Nut–Lock, NI
24	103–1190–01	1	Shaft–Control, LH

Ref. No.	Part No.	Qty.	Description
25	322–6	2	Screw–HH
26	1–603693	2	Spring–Extension
27	103–1235	2	Swivel–Drive Lever
28	1–613089	2	Tab–Spring, Extension
29	1–800016	2	Bolt–TAP HH
32	1–413219	2	Rod–Drive Lever
34	3256–23	7	Washer–Flat
37	1–412203–01	1	Crank–Control, Speed
38	1–413151	1	Knob–Tracking
39	1–603903	1	Spacer
40	1–323245	1	Spring–Compression
41	3220–2	2	Nut
42	1–303105	2	Yoke–Adjustable
43	1–808280	2	Pin–Clevis
44	3272–5	2	Pin–Cotter
45	1–603676	2	Swivel–Adjustable, Short
46	105–4109	1	Decal–Tracking
47	32151–47	2	Ring–Retaining

PROTOTYPE



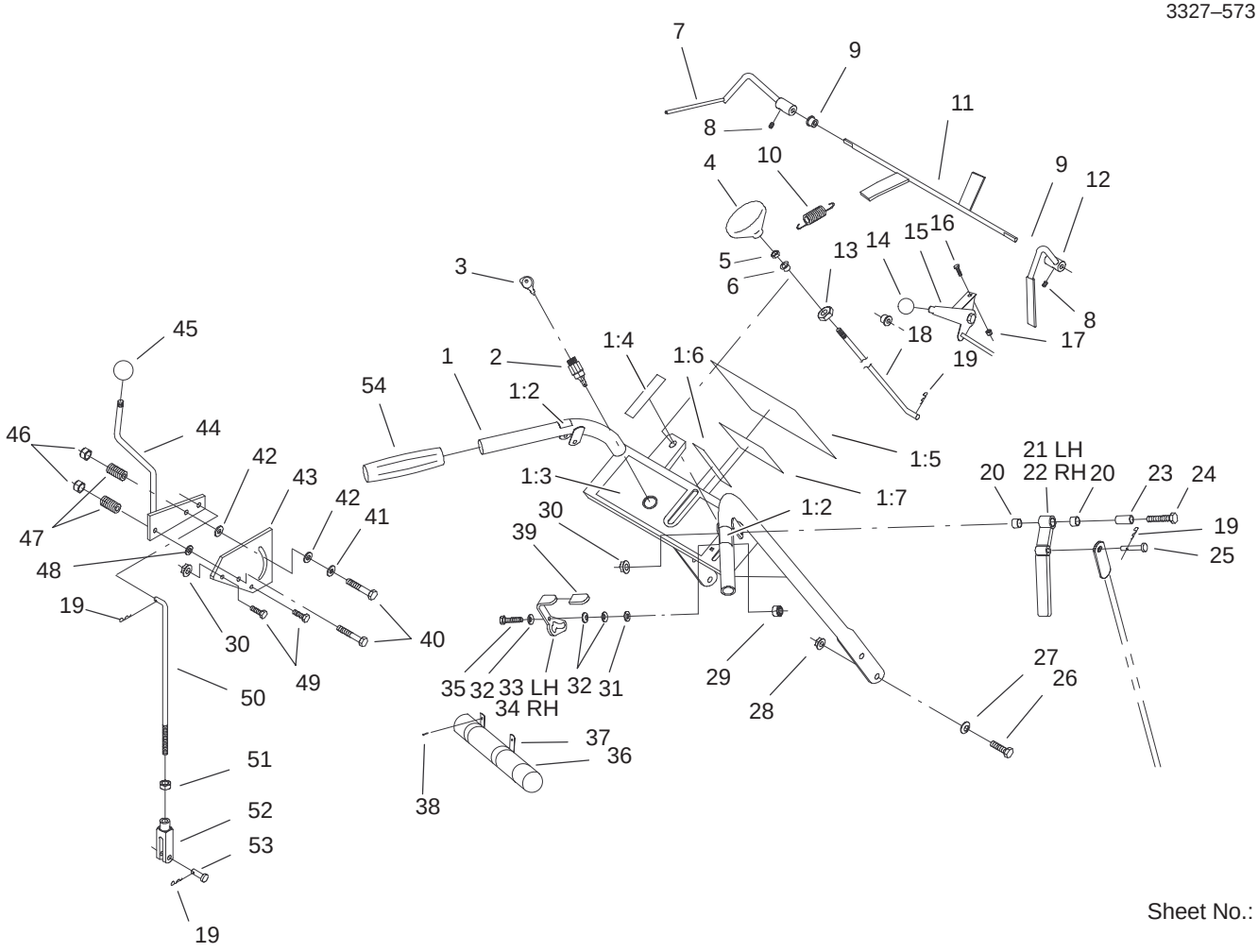
Sheet No.: 7

Upper Handle Assembly

Ref. No.	Part No.	Qty.	Description
1	106–2732	1	Handle ASM
1:2	105–4110	2	Decal–Neutral Lock
1:3	106–2738	1	Decal–Warning
1:4	106–2733	1	Decal–Throttle
1:5	106–2735	1	Decal–Proline
1:6	95–5537	1	Decal–Engage, Deck
1:7	106–2743	1	Decal–Caution, Brake
2	1–403121	1	Switch–Key
3	63–8360	1	Key–Ignition
4	1–323134	1	Knob–Push/Pull
5	3218–2	1	Nut–Jam
6	1–323143	1	Bearing–Nylon
7	1–412183–03	1	Lever–LH
8	1–803322	2	Screw–Set
9	1–303365	2	Bushing–Nylon
10	1–303363	1	Spring–Extension
11	106–2717–03	1	Operator Presence Control Rod ASM
12	1–412185–03	1	Lever–RH
13	1–323142	1	Nut,Push
14	1–513592	1	Knob–Ball
15	1–633696	1	Cable–Throttle
16	1–807513	2	Bolt–CARR
17	3296–2	2	Nut–Lock
18	1–323181	1	Linkage–Blade
19	1–806003	3	Pin–Hair

Ref. No.	Part No.	Qty.	Description
20	1–413152	4	Sleeve–Bushing
21	103–0218	1	LH Drive Lever ASM
22	103–0219	1	RH Drive Lever ASM
23	1–603749	2	Bushing–Lever, Drive
24	321–9	2	Screw–HH
25	1–613055	2	Pin–Clevis
26	323–6	4	Screw–HH
27	98–5975	4	Washer–Belleville
28	3290–357	4	Nut–HHF
29	3296–42	2	Nut–Lock, NI
30	32128–33	4	Nut–HF
31	3256–2	2	Washer–Flat
32	1–303435	6	Washer–Spring
33	1–413148	1	Latch–Lever, LH
34	1–413150	1	Latch–Lever, Drive, RH
35	321–10	2	Screw–HH
36	74–0720	1	Tube–Manual
37	2412–120	2	R–Clamp
38	32104–76	2	Screw
39	1–303019	2	Grip–Latch
40	322–10	2	Screw–HH
41	1–603716	1	Washer–Friction
42	1–323244	2	Washer–Friction
43	1–603730	1	Plate–Shifter Lever
44	106–2748	1	Lever–Shift

PROTOTYPE



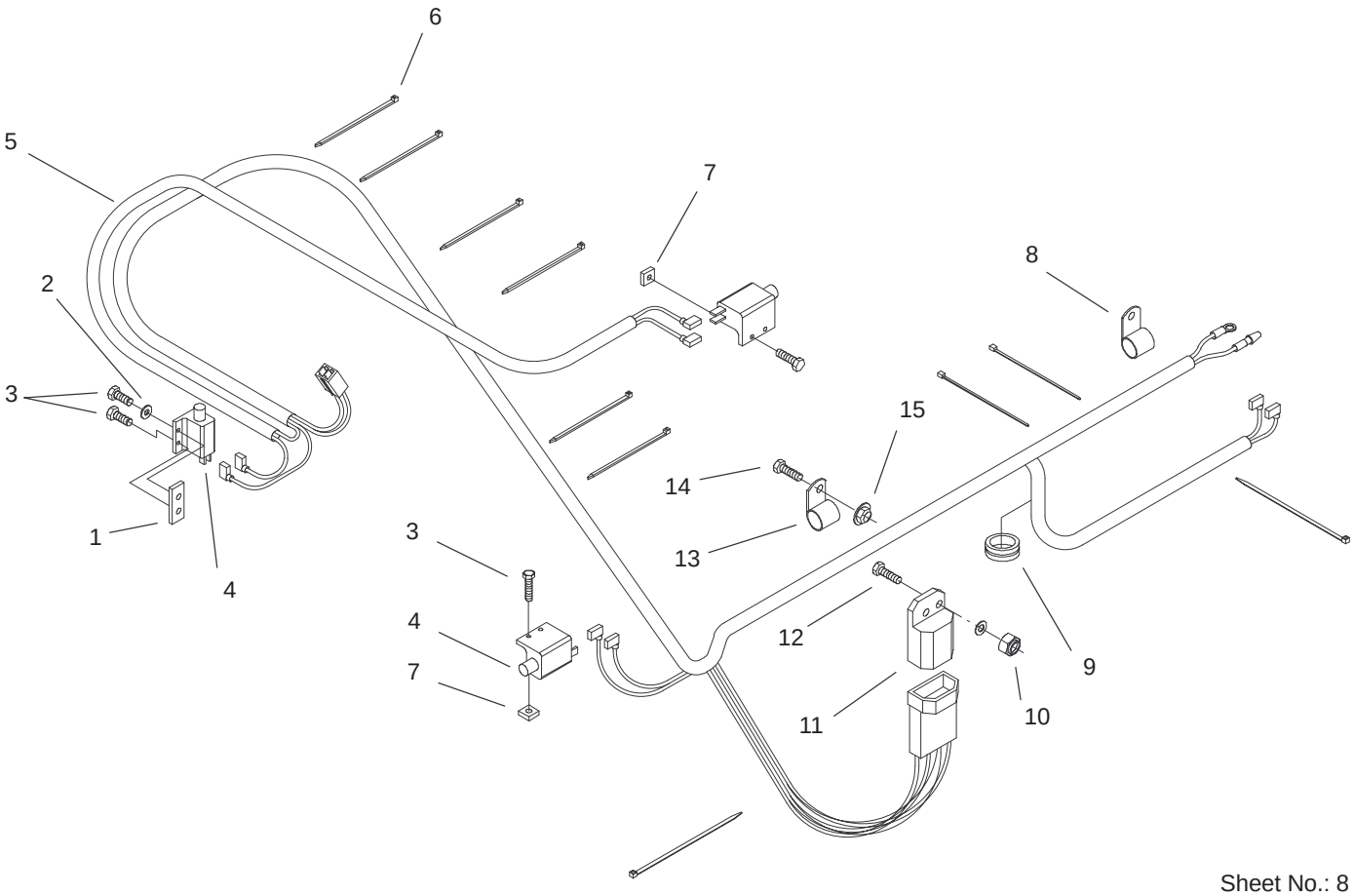
Sheet No.: 7

Upper Handle Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
45	1–603175	1	Knob,Ball
46	3296–29	2	Nut–Lock, NI
47	1–323245	2	Spring–Compression
48	3256–23	1	Washer–Flat
49	321–3	2	Screw–HH
50	1–323522	1	Rod–Control, Speed
51	3220–2	1	Nut
52	1–303105	1	Yoke–Adjustable
53	1–808280	1	Pin–Clevis
54	1–303097	2	Grip–Handle

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



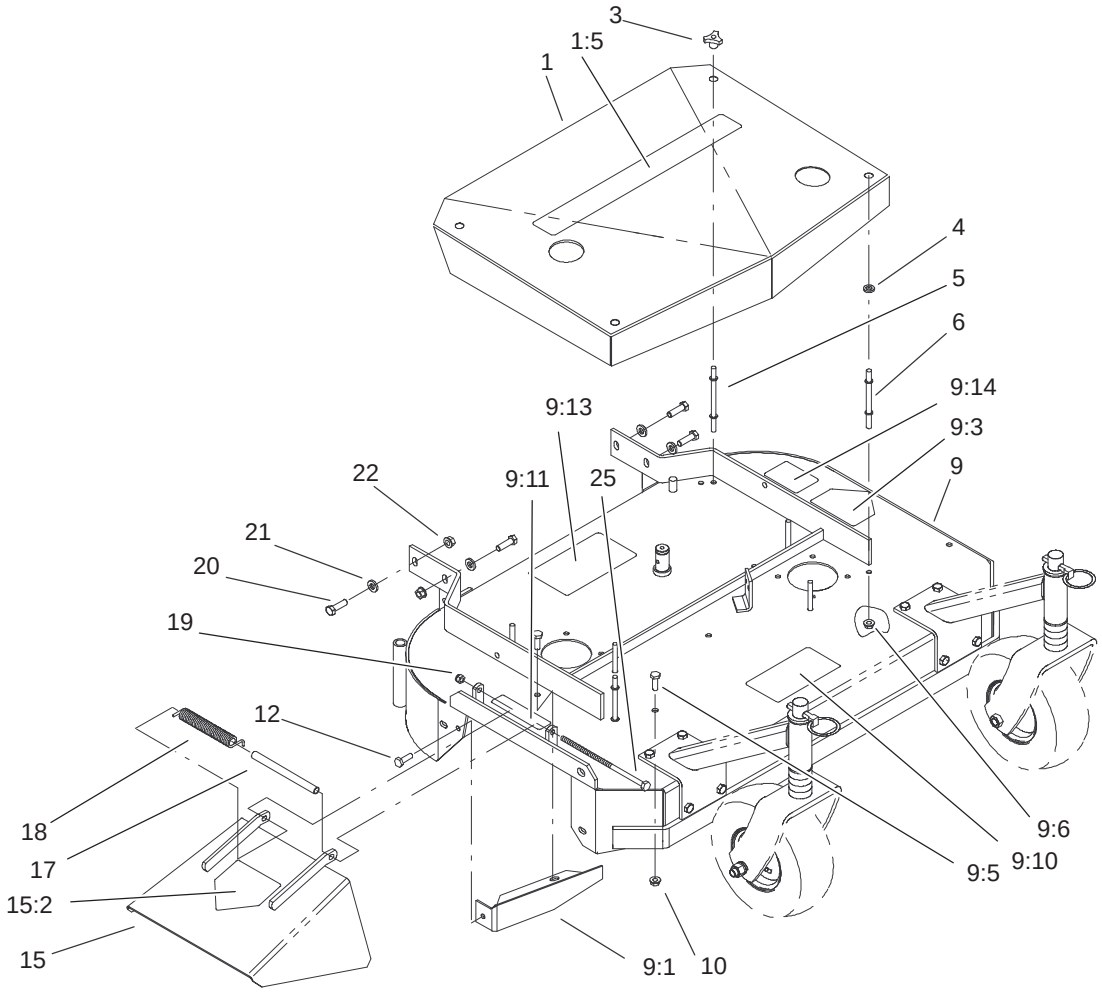
Sheet No.: 8

Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	1–633181	1	Plate–Tapped
2	3256–14	1	Washer–Flat
3	3290–500	3	Screw–PPH
4	1–513051	2	Switch–Open, Normally
5	1–403181	1	Harness–Wiring
6	1–303287	6	Tie–Plastic
7	1–804002	4	Nut–SQH
8	1–323229	1	Clip–Loom
9	1–543296	1	Grommet–Line, Fuel
10	3296–42	2	Nut–Lock, NI
11	1–323430	1	Module–Harness, Wiring
12	321–4	1	Screw–HH
13	1–603727	1	Clip–Loom
14	321–3	1	Screw–HH
15	32128–33	1	Nut–HF

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



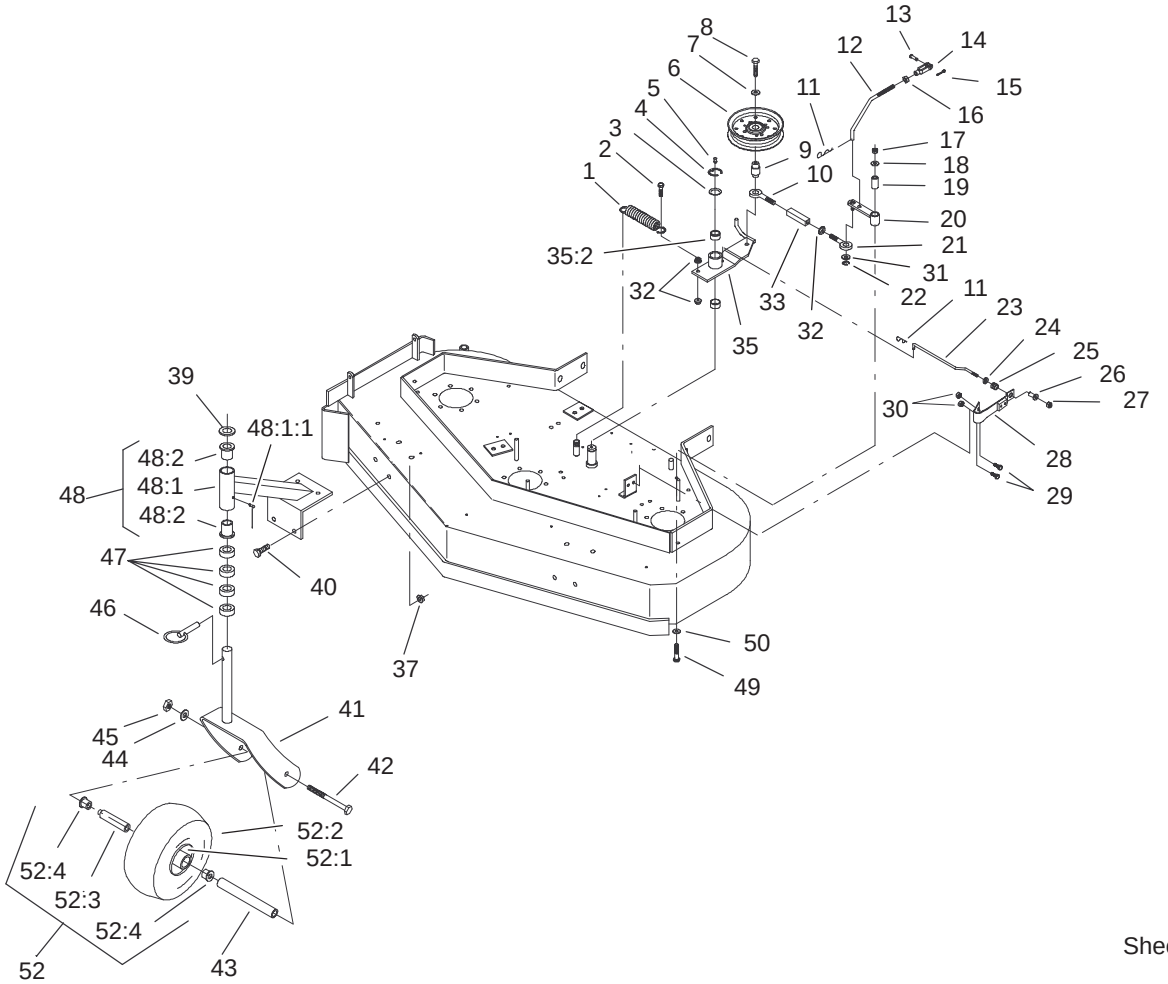
Sheet No.: 9

Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	1–304258	1	Belt Shield ASM
1:5	95–5436	1	Decal–Proline
3	1–323385	4	Knob–3 Prong
4	1–323417	4	Washer
5	1–303536	2	Stud–Shield, Belt (Long)
6	1–303537	2	Stud–Shield, Belt (Short)
9	105–4680	1	Deck ASM
9:1	1–302189–01	1	Baffle
9:3	1–403005	1	Decal–Danger
9:5	322–2	8	Screw–HH
9:6	32128–20	8	Nut–HF
9:10	66–1340	1	Decal–Danger
9:11	67–5360	1	Decal–Danger
9:13	98–3296	1	Decal–Routing, Belt
9:14	98–5130	1	Decal–Torque
10	32128–20	12	Nut–HF
12	322–2	7	Screw–HH
15	1–304256	1	Chute–Discharge
15:2	54–9220	1	Decal–Danger
17	98–3281	1	Spacer–Spring
18	98–3280	1	Spring–Deflector
19	3296–29	1	Nut–Lock, NI
20	323–8	6	Screw–HH
21	98–5975	6	Washer–Belleville

Ref. No.	Part No.	Qty.	Description
22	3290–357	14	Nut–HHF
25	322–50	1	Screw–Cap

PROTOTYPE



Sheet No.: 11

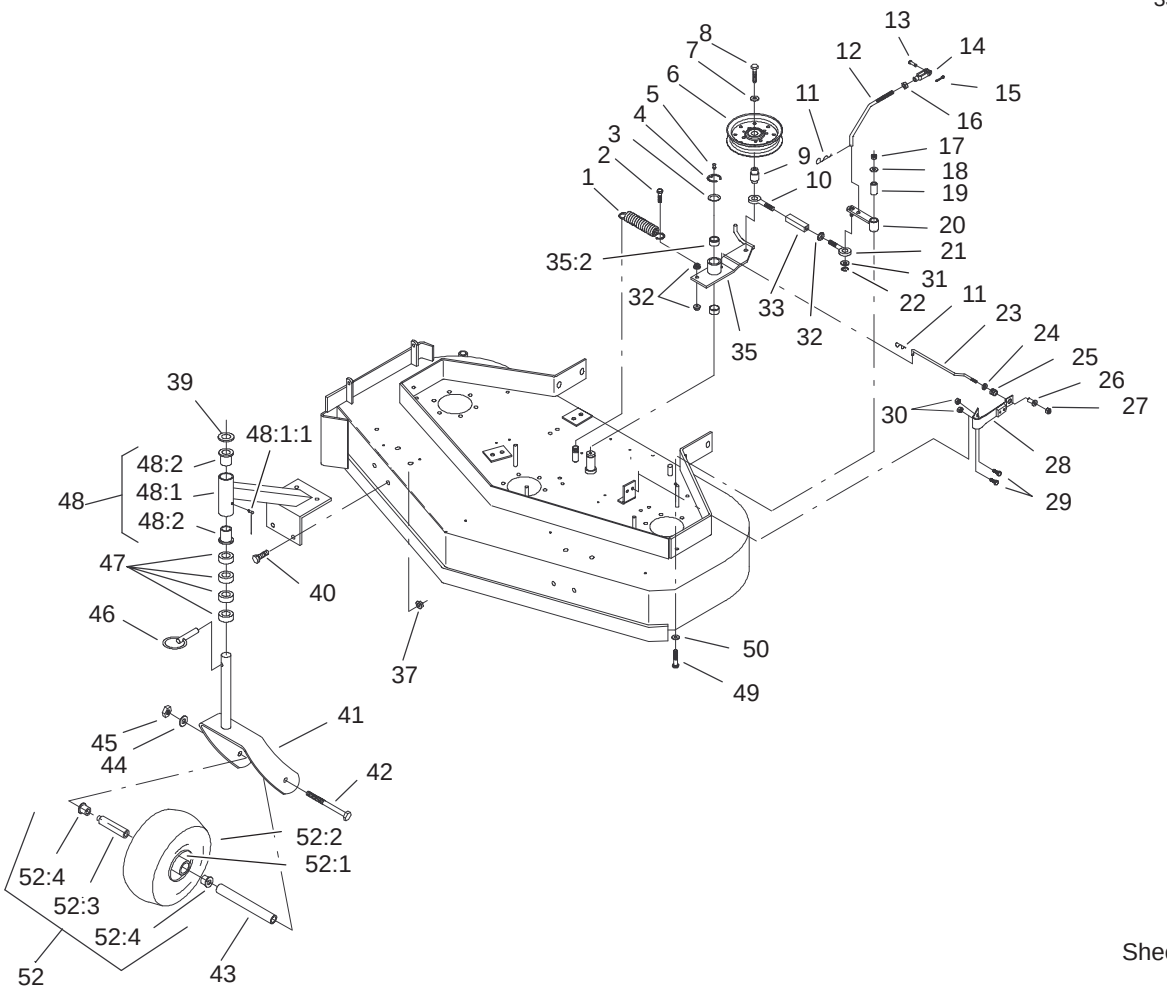
Front Caster and Blade Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	1–323071	1	Spring–Extension
2	322–6	1	Screw–HH
3	1–303352	1	Washer–Spindle
4	32151–103	1	Ring–Snap
5	302–19	1	Fitting–Grease
6	1–603843	1	Pulley–Idler
7	98–5975	3	Washer–Belleville
8	702809	1	Screw–Cap
9	1–303434	1	Bushing–Engagement
10	1–303348	1	Eyebolt–LH Thread
11	1–806003	3	Pin–Hair
12	1–323174	1	Linkage–Arm, Assist
13	1–808280	1	Pin–Clevis
14	1–303105	1	Yoke–Adjustable
15	3272–5	1	Pin–Cotter
16	3219–2	1	Nut–Hex
17	3296–29	1	Nut–Lock, NI
18	3256–3	1	Washer–Flat
19	1–403179	1	Tube–Pivot
20	1–322235	1	Arm
21	1–303238	1	Eyebolt–RH Thread
22	32120–35	1	E–Ring
23	1–323715	1	Rod–Brake
24	1–323748	1	Ring–Push On
25	1–323747	1	Spring–Compression
26	1–323746	1	Spacer–Flanged

Ref. No.	Part No.	Qty.	Description
27	3296–56	1	Nut–Lock, NI
28	1–324372	1	Pad/Spring ASM
29	321–4	2	Screw–HH
30	3296–42	2	Nut–Lock, NI
31	3256–23	1	Washer–Flat
32	32128–20	3	Nut–HF
33	1–303236	1	Body–Turnbuckle
35	1–324408	1	Idler Arm ASM
35:2	1–323729	2	Sleeve–Bearing
37	3290–357	8	Nut–HHF
39	1–513338	2	Washer–Flat
40	323–4	8	Screw–HH
41	1–322145–01	2	Fork
42	325–20	2	Screw–HH
43	1–513547	2	Spacer
44	3253–7	2	Washer–Lock
45	3217–9	2	Nut–HH
46	1–809020	2	Pin
47	1–303314	8	Spacer–Caster
48	1–302203	2	Support ASM
☆48:1		1	Support–Caster
48:1:1	302–52	1	Fitting–Grease
48:2	1–303514	2	Bearing–Flanged
49	322–10	1	Screw–HH
50	1–303334	1	Washer–Spring
52	1–513648	2	Wheel And Tire ASM

☆ Not serviced separately

PROTOTYPE



Sheet No.: 11

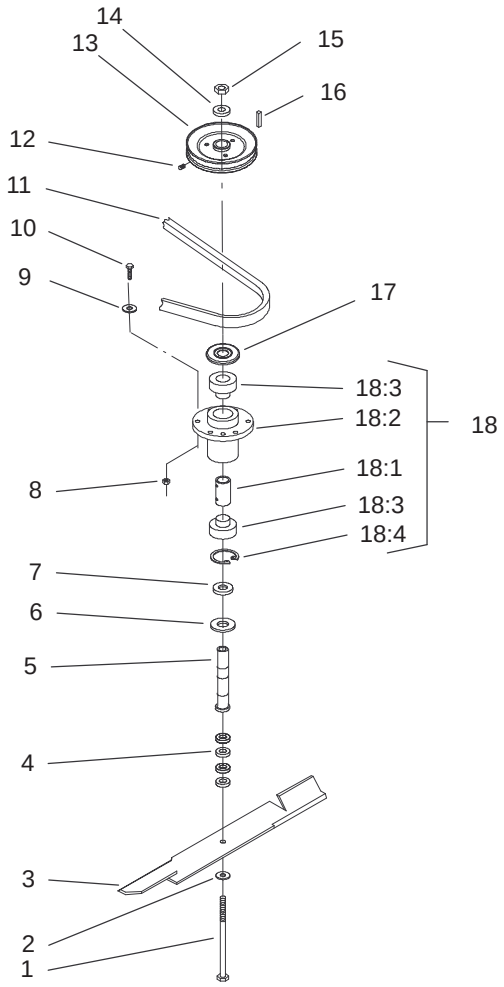
Front Caster and Blade Brake Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
☆52:1		1	Rim
52:2	1–513808	1	Tire
52:3	1–513809	1	Bearing
52:4	1–513810	2	Bushing

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

☆ Not serviced separately



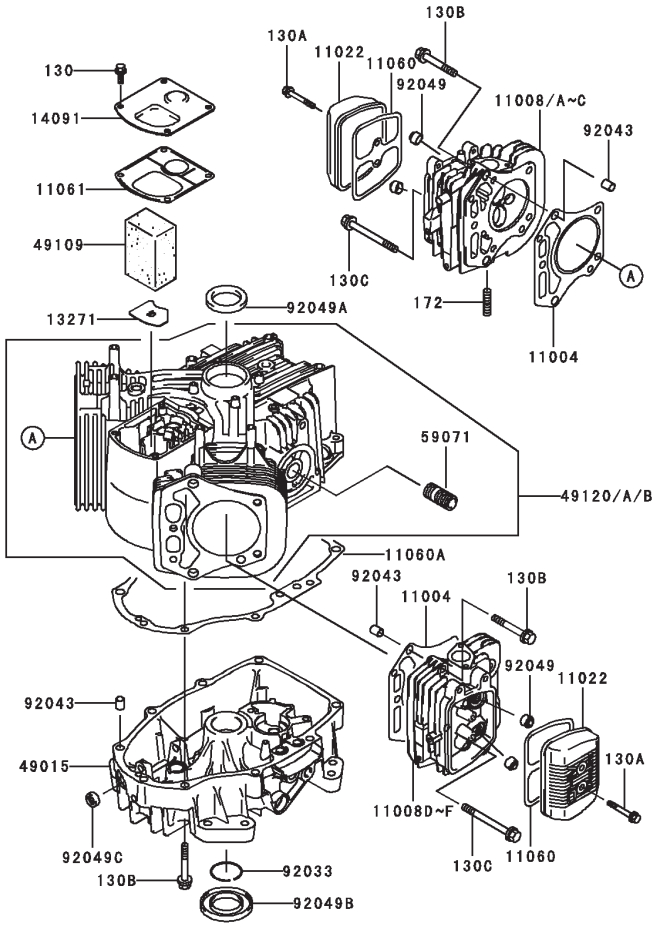
Sheet No.: 12

Spindle Assembly

Ref. No.	Part No.	Qty.	Description
1	1–800861	2	Screw–Cap, HH
2	1–513208	2	Washer–Spring
3	103–2528	2	Blade–Notched
3	103–2508	2	Blade–Low Lift
4	1–323539	8	Spacer–Drive, Blade
5	1–323529	2	Tube–Spindle, Short
6	1–633573	2	Guard–Bearing, Bottom
7	1–323533	2	Spacer–Pulley/Bearing
8	32128–20	8	Nut–HF
9	1–303334	8	Washer–Spring
10	322–6	8	Screw–HH
11	106–2741	1	V–Belt
12	1–803310	2	Screw–Set
13	1–403183	2	Sheave
14	1–323339	2	Washer–Retainer, Sheave
15	3219–6	2	Nut–Hex
16	1–807267	2	Key
17	103–1330	2	Guard–Bearing, Top
18	1–634619	2	Cutter Housing ASM
18:1	1–323528	1	Spacer–Bearing
18:2	1–323532	1	Housing–Spindle
18:3	1–513016	2	Bearing
18:4	32120–8	1	Ring–Snap

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



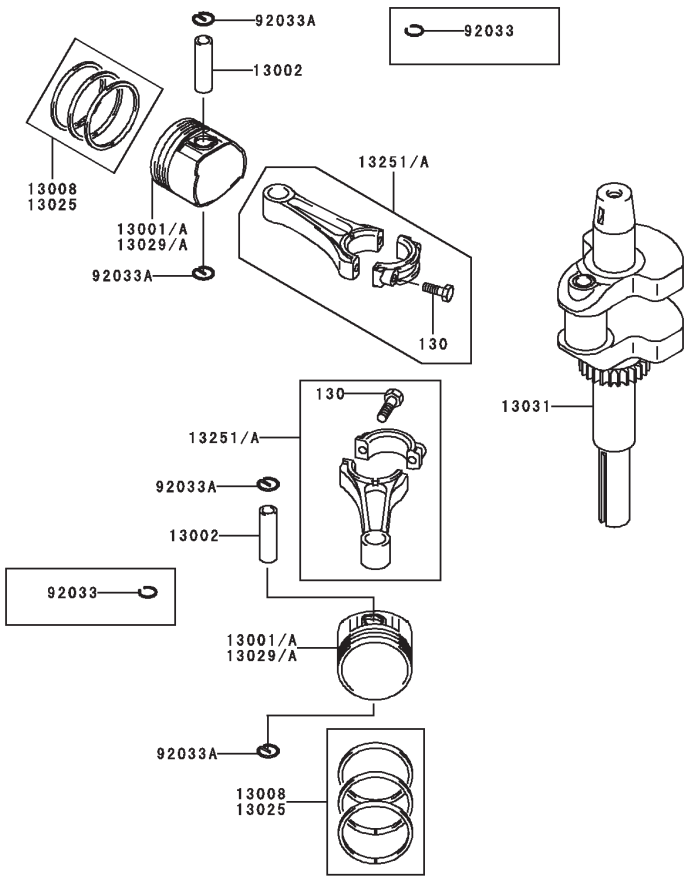
Cylinder/Crankcase Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
11004	11004–7005	2	Gasket–Head
11008A	11008–6042	1	Head–Comp–Cylinder
11008E	11008–7009	1	Head–Comp–Cylinder
11022	11022–7003	2	Case–Rocker
11060	11060–7001	2	Gasket,Rocker Case
11060A	11060–7008	1	Gasket,Crankcase Cover
11061	11061–7001	1	Gasket,Breather
13271	13271–7016	1	Plate
14091	14091–7006	1	Cover
49015	49015–6223	1	Cover–Crankcase
49109	49109–7002	1	Element–Breather
49120A	49120–6132	1	Crankcase–Comp
59071	59071–2079	1	Joint
92033	92033–7003	1	Ring–Snap
92043	92043–7001	6	Pin
92049	92049–7001	4	Seal–Oil
92049A	92049–7002	1	Seal–Oil
92049B	92049–7004	1	Seal–Oil
92049C	92049–7005	1	Seal–Oil
130	130B0612	4	Bolt–Flanged
130A	130B0640	4	Bolt–Flanged
130B	130T0850	17	Bolt–Flanged
130C	130T0875	2	Bolt–Flanged

Ref. No.	Part No.	Qty.	Description
172	172G0818	4	Bolt–Stud

PROTOTYPE

Obtain Parts From Kawasaki



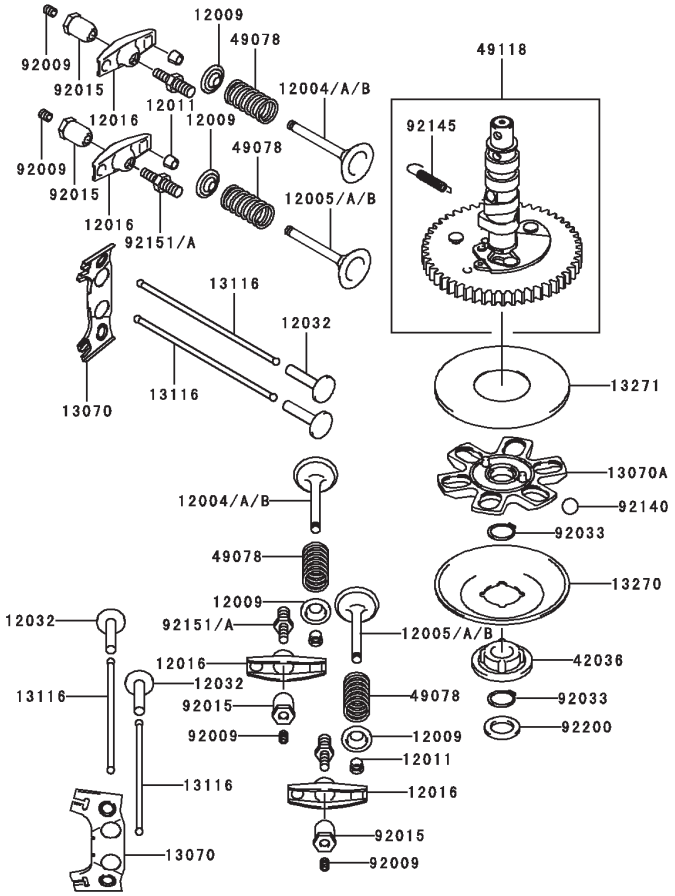
Piston/Crankshaft Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
13001A	13001–7008	2	Piston–Engine
13002	13002–7001	2	Pin–Piston
13008	13008–6055	2	Ring–Set–Piston
13025	13025–7001	AR	Ring–Set–Piston L,0.50
13029A	13029–7004	AR	Piston–Engine L,0.50
13031	13031–7001	1	Crankshaft–Comp
13251	13251–7003	AR	Rod–Assy–Connecting, U/S=0.50
13251A	13251–7004	2	Rod–Assy–Connecting
92033A	92033–7005	4	Ring–Snap
130	130G0630	4	Bolt–Flanged

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



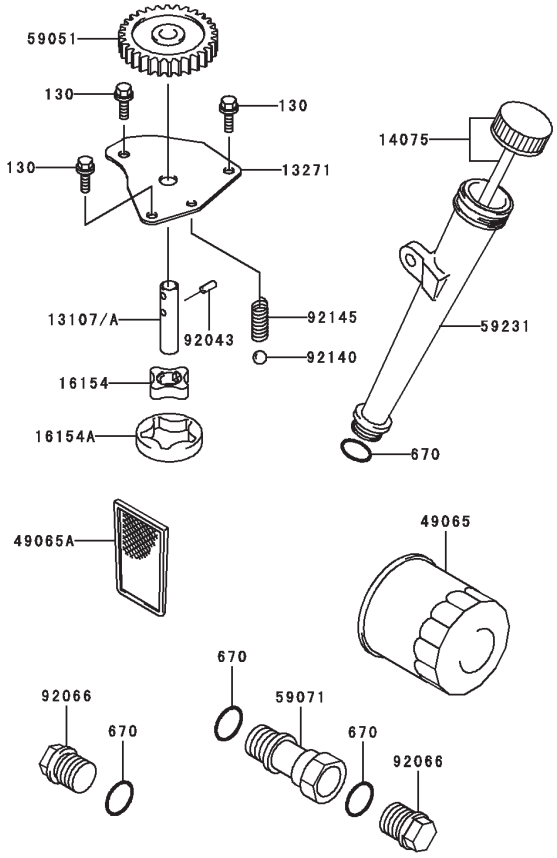
Valve/Camshaft Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
12004A	12004–7003	2	Valve–Intake
12005A	12005–7003	2	Valve–Exhaust
12009	12009–7001	4	Retainer–Valve Spring
12011	12011–2056	8	Collet
12016	12016–7001	4	Arm–Rocker
12032	12032–7001	4	Tappet
13070	13070–7001	2	Guide
13070A	13070–7004	1	Guide
13116	13116–2057	4	Rod–Push
13270	13270–7002	1	Plate
13271	13271–7007	1	Plate
42036	42036–7001	1	Sleeve
49078	49078–7001	4	Spring–Engine Valve
49118	49118–7002	1	Camshaft–Comp
92009	92009–2341	4	Screw
92015	92015–2253	4	Nut
92033	92033–7001	2	Ring–Snap
92140	92140–7002	6	Ball
92145	92145–7001	1	Spring
92151A	92151–7019	4	Bolt
92200	92200–7001	1	Washer

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



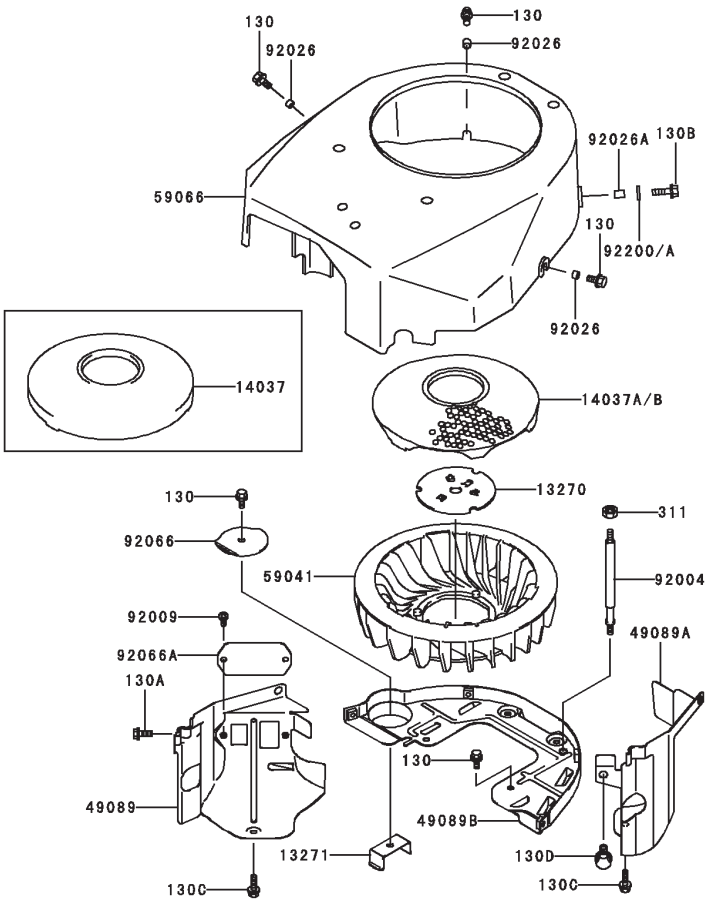
Lubrication Equipment Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
13107A	13107–7009	1	Shaft
13271	13271–7017	1	Plate
14075	14075–7001	1	Cap–Assy
16154	16154–2053	1	Rotor–Pump,In
16154A	16154–2054	1	Rotor–Pump,Out
49065	49065–2078	1	Filter–Oil
49065A	49065–7004	1	Filter–Oil
59051	59051–7004	1	Gear–Spur
59071	59071–7003	1	Joint
59231	59231–7001	1	Filler
92043	92043–7003	1	Pin
92066	92066–7003	2	Plug
92140	92140–7003	1	Ball
92145	92145–7002	1	Spring
130	130B0612	3	Bolt–Flanged
670	670D2016	4	O Ring,16mm

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



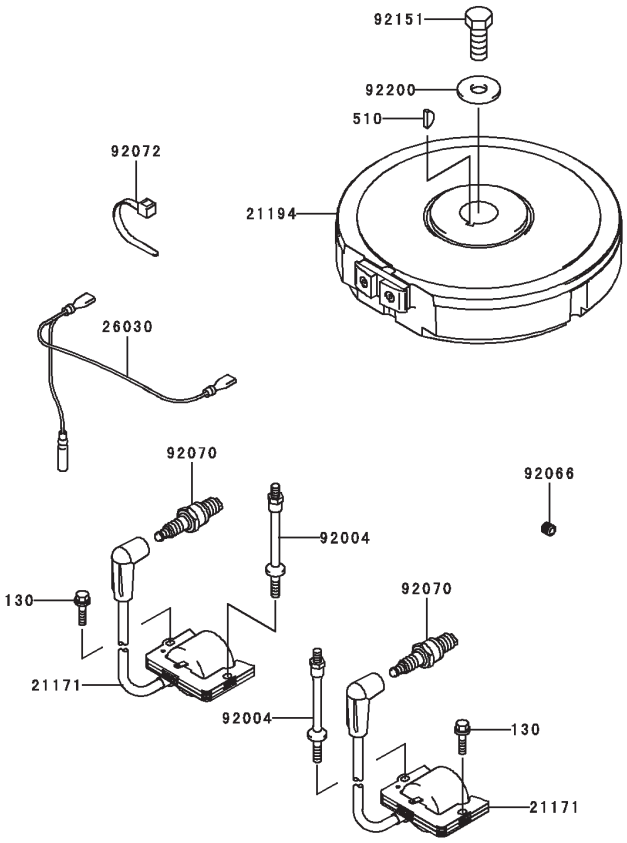
Cooling Equipment Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
13270	13270–7007	1	Plate
13271	13271–7002	1	Plate
14037A	14037–7015–9H	1	Screen
49089	49089–7001	1	Shroud–Engine
49089A	49089–7002	1	Shroud–Engine
49089B	49089–7003	1	Shroud–Engine
59041	59041–7001	1	Fan
59066	59066–7002	1	Housing–Fan
92004	92004–7006	2	Stud
92009	92009–2308	2	Screw
92026	92026–7001	3	Spacer,6.2x7.9x5
92026A	92026–7003	1	Spacer,6.5x7.9x10.5
92066	92066–7004	1	Plug
92066A	92066–7005	1	Plug
92200	92200–2078	1	Washer,6.5x18x2.0
130	130B0612	6	Bolt–Flanged
130A	130B0616	2	Bolt–Flanged
130B	130B0620	1	Bolt–Flanged
130C	130B0625	2	Bolt–Flanged
130D	130B0816	1	Bolt–Flanged
311	311B0600	2	Nut–Hex

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



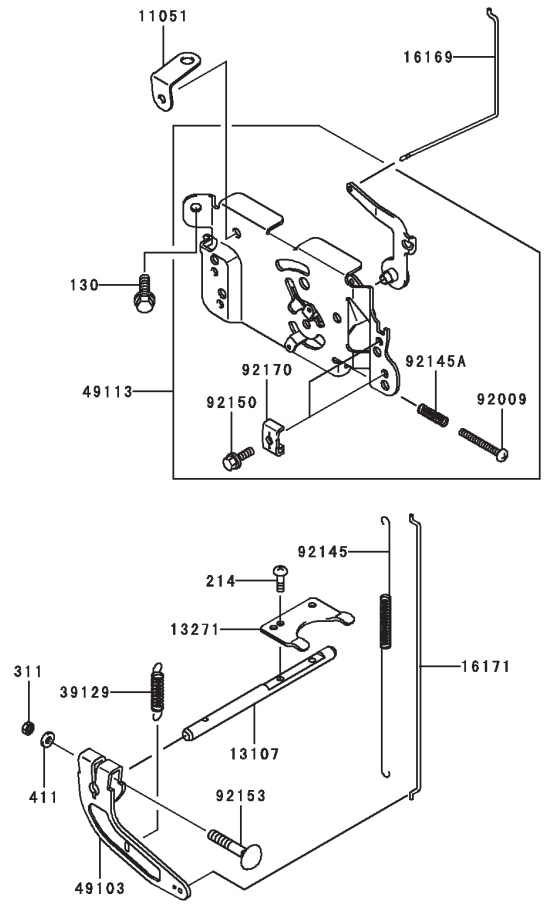
Electric Equipment Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
21171	21171–7001	2	Coil–Assy–Ignition
21194	21194–7002	1	Flywheel–Comp
26030	26030–7001	1	Harness
92004	92004–2147	2	Stud
92066	92066–7002	1	Plug
92070	92070–7003	2	Plug–Spark,RCJ8Y, Solid
92072	92072–7003	2	Band
92151	92151–2097	1	Bolt,12x30
92200	92200–7002	1	Washer
130	130B0620	2	Bolt–Flanged
510	510A5100	1	Key–Woodruff

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



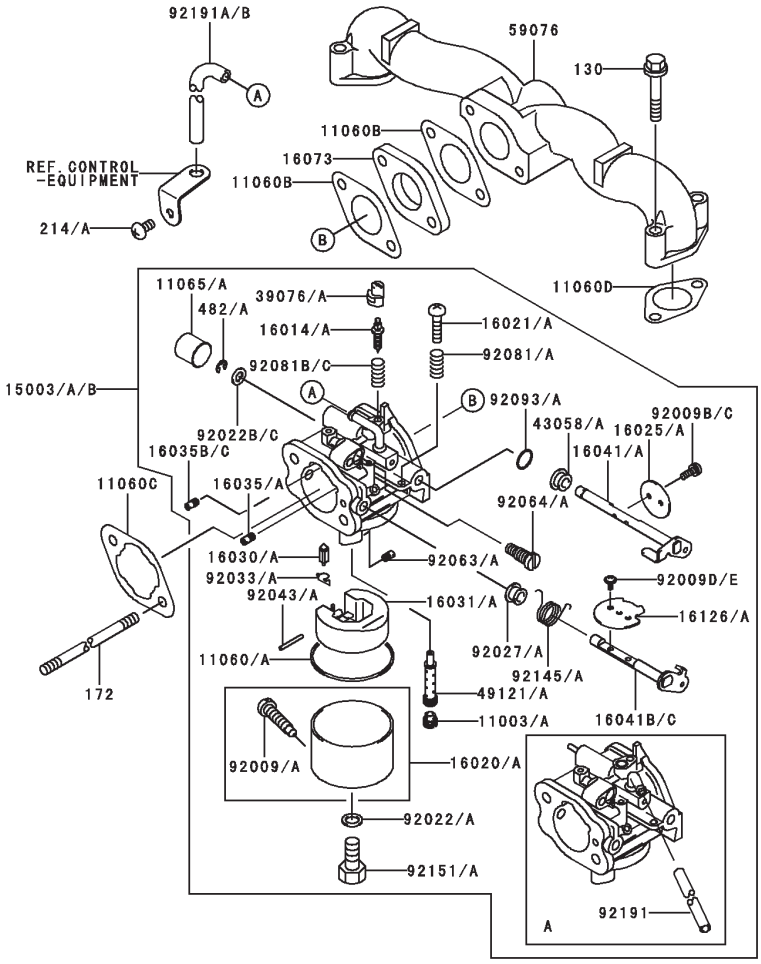
Control Equipment Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
11051	11051–7008	1	Bracket
13107	13107–7010	1	Shaft
13271	13271–7018	1	Plate
16169	16169–7001	1	Link–Choke
16171	16171–7001	1	Link
39129	39129–7003	1	Spring–Governor
49103	49103–7004	1	Arm–Governor
49113	49113–7024	1	Panel–Comp–Control
92009	92009–7007	1	Screw,4x35
92145	92145–7003	1	Spring
92145A	92145–7005	1	Spring
92150	92150–2182	2	Bolt,5x18
92153	92153–7005	1	Bolt,6x35
92170	92170–7001	2	Clamp
130	130B0612	2	Bolt–Flanged
214	214B0408	2	Screw–Pan+–
311	311B0600	1	Nut–Hex
411	411B0600	1	Washer–Plain

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



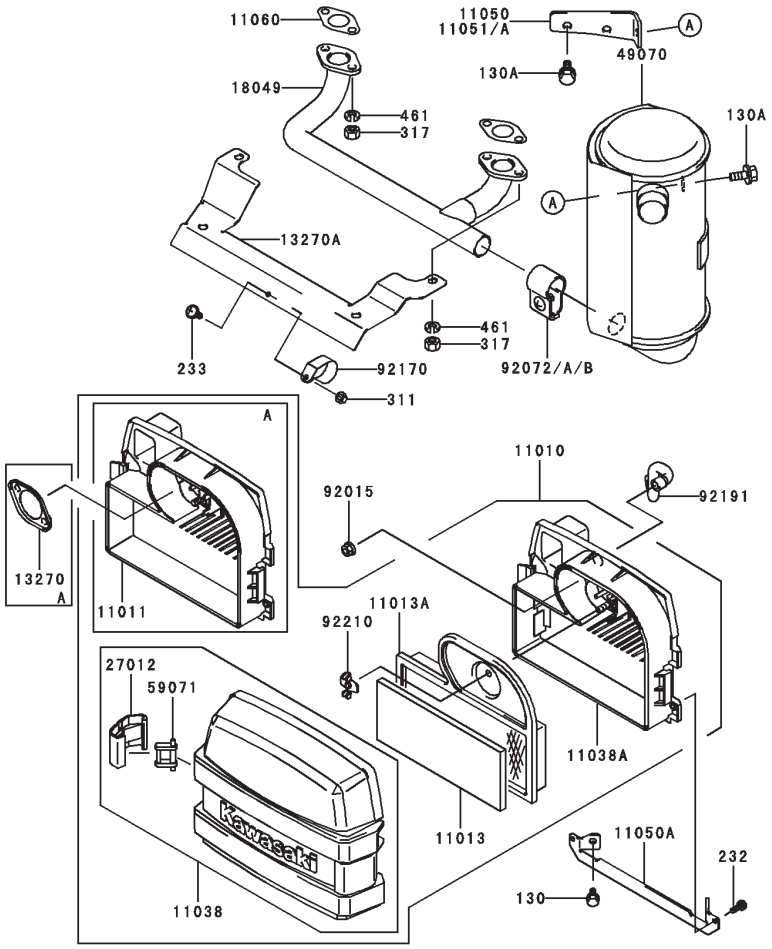
Carburetor Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
11003	11003–2105	1	Seat–Valve
11060	11060–2406	1	Gasket
11060B	11060–7003	2	Gasket,Insurator
11060C	11060–7004	1	Gasket,Air Filter
11060D	11060–7005	2	Gasket,Manifold
11065	11065–2061	1	Cap
15003A	15003–7036	1	Carburetor–Assy
16014	16014–2080	1	Screw–Pilot Air
16020	16020–2141	1	Chamber–Float
16021	16021–2060	1	Screw–Throttle Stop
16025	16025–2193	1	Valve–Throttle,#130
16030	16030–2067	1	Valve–Float
16031	16031–2066	1	Float
16035	16035–2060	1	Jet–Air,#1.7
16035B	16035–2061	1	Jet–Air,#1.2
16041	16041–7005	1	Shaft–Carburetor
16041B	16041–7006	1	Shaft–Carburetor
16073	16073–7001	1	Insulator
16126	16126–7007	1	Valve
39076	39076–2053	1	Limiter
43058	43058–3716	1	Ring
49121	49121–2222	1	Nozzle–Main,#113a
59076	59076–7001	1	Manifold–Intake
92009	92009–2015	1	Screw

Ref. No.	Part No.	Qty.	Description
92009B	92009–2024	2	Screw
92009D	92009–2081	2	Screw
92022	92022–2231	1	Washer
92022B	92022–2239	1	Washer
92027	92027–2025	1	Collar
92033	92033–2067	1	Ring–Snap
92043	92043–2226	1	Pin
92063	92063–2358	1	Jet–Main,#125
92064	92064–2125	1	Jet–Pilot,#48.8
92081	92081–2009	1	Spring
92081B	92081–2256	1	Spring
92093	92093–2002	1	Seal
92145	92145–2061	1	Spring
92151	92151–2092	1	Bolt
92191A	92191–7016	1	Tube,4.76x7.94x225
130	130B0635	4	Bolt–Flanged
172	172G0685	2	Bolt–Stud
214	214B0510	1	Screw–Pan+–
482	482L4000	1	Circlip–Type–E

PROTOTYPE

Obtain Parts From Kawasaki



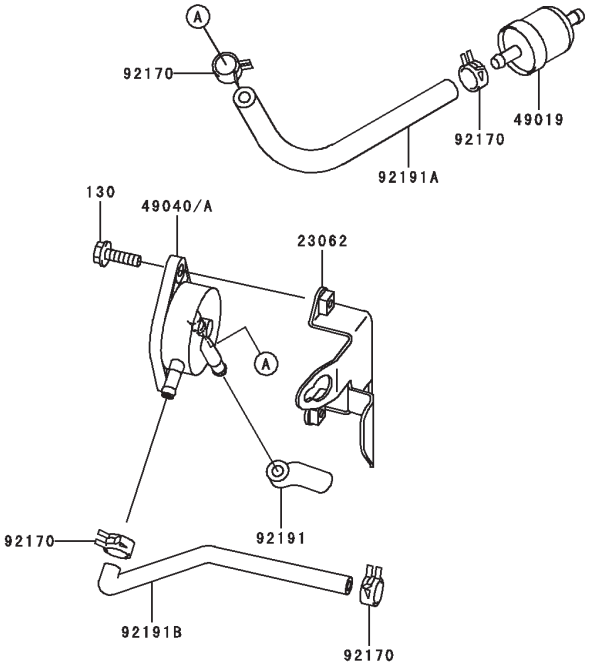
Air Filter/Muffler Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
11010	11010–7001	1	Filter–Assy–Air
11013	11013–7001	1	Element–Air Filter
11013A	11013–7002	1	Element–Air Filter
11038	11038–7001	1	Case–Assy–Air Filter
11038A	11038–7003	1	Case–Assy–Air Filter
11050A	11050–7006	1	Bracket
11051	11051–7005–9H	1	Bracket
11060	11060–7021	2	Gasket,Muffler
13270A	13270–7008	1	Plate
18049	18049–7001	1	Pipe–Exhaust
27012	27012–7001	2	Hook,Air Filter
49070	49070–7002	1	Muffler–Comp
59071	59071–7001	2	Joint
92015	92015–1193	2	Nut
92072A	92072–7007	1	Band
92170	92170–7002	1	Clamp
92191	92191–7001	1	Tube
92210	92210–7004	1	Nut
130	130B0612	2	Bolt–Flanged
130A	130B0816	2	Bolt–Flanged
232	232B0514	2	Screw–Pan–WS+–
233	233B0416	1	Screw–Pan–WP+–
311	311B0400	1	Nut–Hex
317	317R0800	4	Nut–Hex–Small

Ref. No.	Part No.	Qty.	Description
461	461F0800	4	Washer–Spring

PROTOTYPE

Obtain Parts From Kawasaki



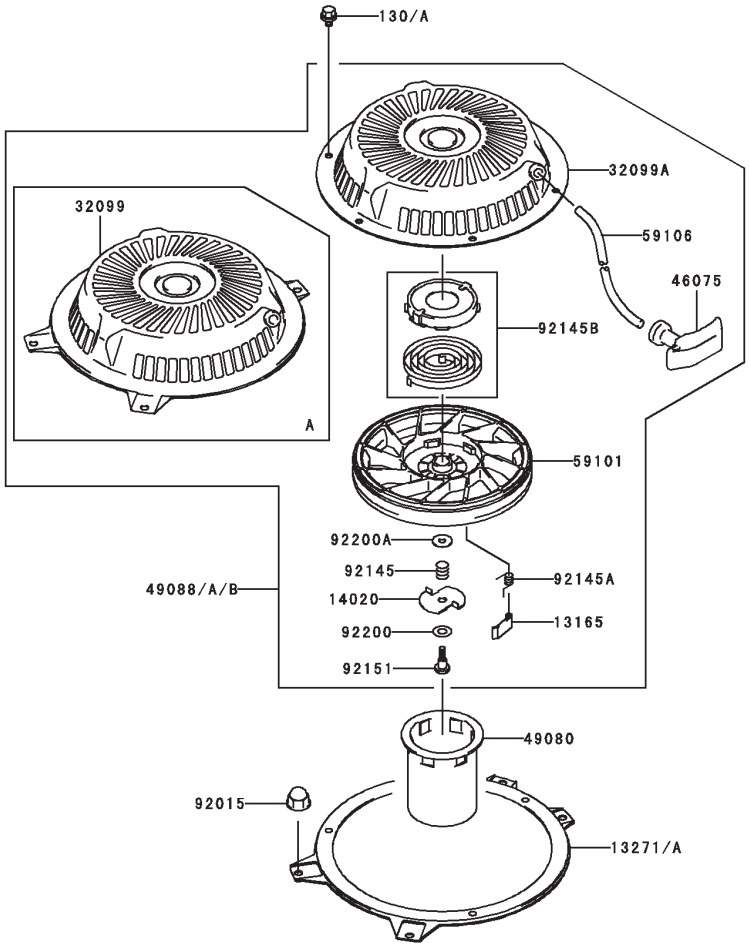
Fuel Tank/Fuel Valve Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
23062	23062–7004–9H	1	Bracket–Comp
49019	49019–7001	1	Filter–Fuel
49040A	49040–7001	1	Pump–Fuel
92170	92170–2088	4	Clamp
92191	92191–7002	1	Tube
92191A	92191–7003	1	Tube,6.35x12.7x160
92191B	92191–7004	1	Tube
130	130B0620	2	Bolt–Flanged

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



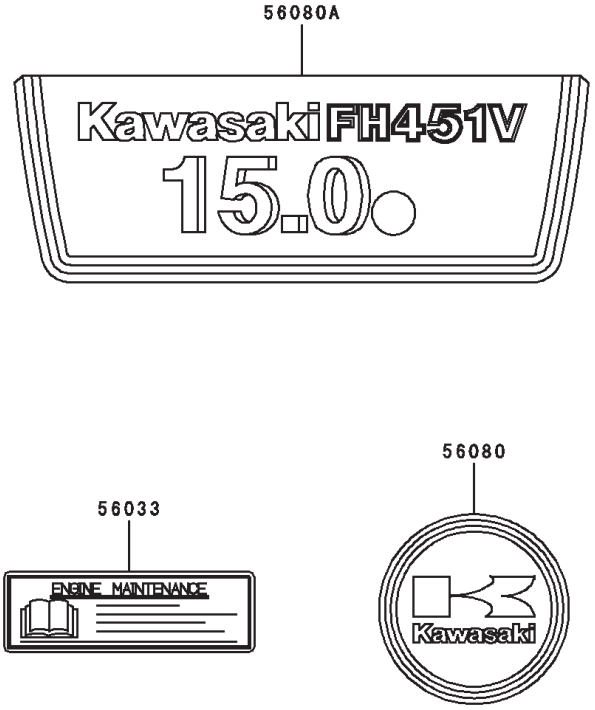
Starter Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
13165	13165–7001	2	Pawl,Recoil Starter
13271	13271–7003–9H	1	Plate
14020	14020–7001	1	Retainer
32099	32099–7002	1	Case,Recoil Starter
46075	46075–7001	1	Grip,Recoil Starter
49080	49080–7001	1	Pulley–Starting
49088	49088–7002	1	Starter–Recoil
59101	59101–7001	1	Reel,Recoil Starter
59106	59106–7001	1	Rope
92015	92015–1170	4	Nut
92145	92145–7006	1	Spring
92145A	92145–7007	2	Spring
92145B	92145–7008	1	Spring
92151	92151–7008	1	Bolt
92200	92200–7004	1	Washer
92200A	92200–7005	1	Washer
130	130B0608	3	Bolt–Flanged

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki



Label Assembly
Kawasaki FH451V–BS04

Ref. No.	Part No.	Qty.	Description
56033	56033–7001	1	Label–Manual
56080	56080–2077	1	Label–Brand
56080A	56080–7010	1	Label–Brand

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain Parts From Kawasaki

Maintenance Record

Date								



PROTOTYPE