Form Number 3354-100 Rev B

Commercial Walk-Behind Mower

Fixed Deck, Pistol Grip, Hydro Drive with 52in TURBO FORCE® Cutting Unit

Model No. 30989 - 260000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

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

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

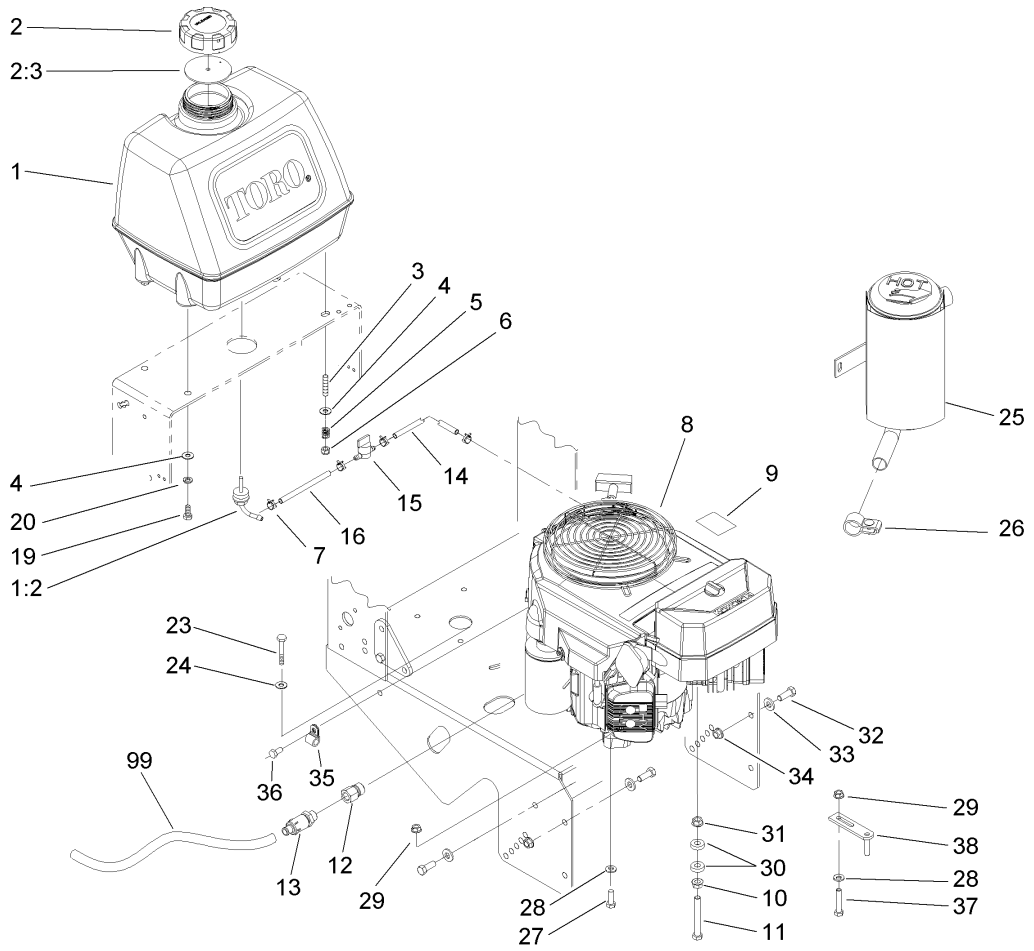
AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
HYD	hydraulic
INC	incorporated
LH	left hand
NI	nylon insert
NPTF	national pipe thread fine
PFH	phillips flat head
PPH	phillips pan head
PPHTF	phillips pan head thread forming
PRH	phillips round head
PTH	phillips truss head
PTO	power-take-off
RH	right hand
ROPS	roll-over-protection-system
SFH	slotted fillister head
SHH	slotted hex head
SHWH	slotted hex washer head
SPH	slotted pan head
SQH	square head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	torx truss head

Footnotes

❶ Not illustrated

❷ Not serviced separately

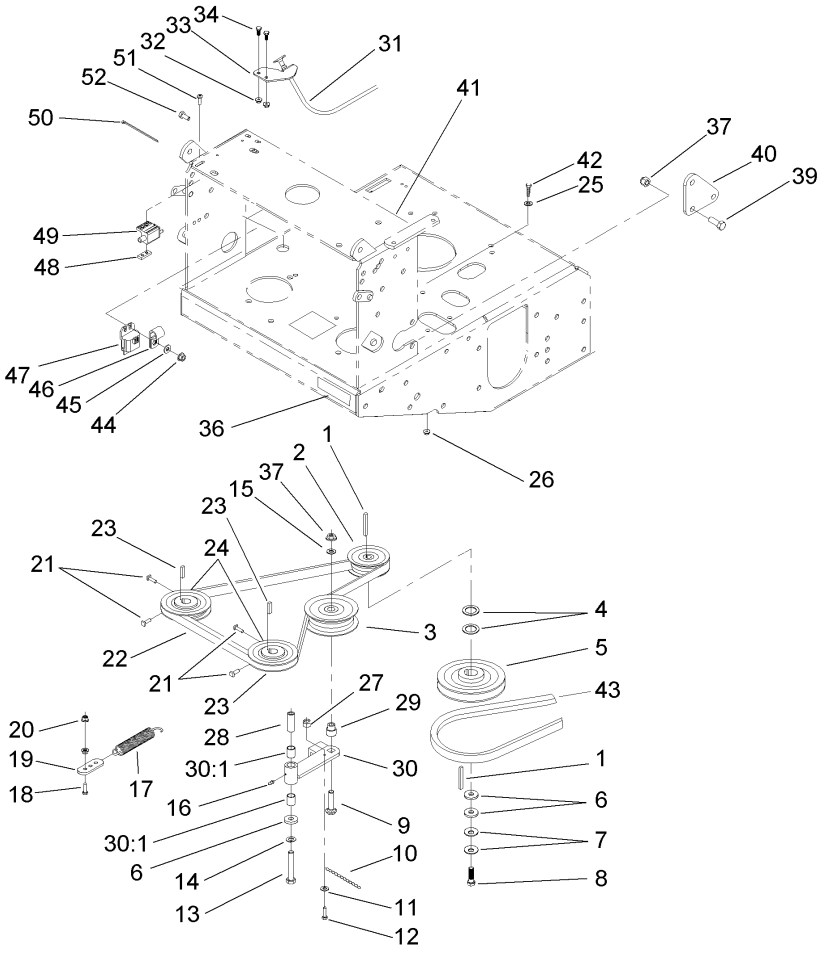
❸ Obtain from your local Kawasaki dealer



Engine and Fuel Tank Assembly

Ref	Part No.	Qty.	Description
1	106-0730	1	Fuel Tank ASM
1:2	103-2605	1	Fitting-Fuel, Bulkhead
2	88-3980	1	Gas Cap ASM
2:3	88-4010	1	Gasket-Cap, Gas
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
❷❸8		1	Engine-Kawasaki, FH541V-Bs23R
9	106-0699	1	Decal-Warning, Hot Surfaces
10	32128-21	1	Nut-HF
11	323-14	1	Screw-HH
12	103-1966	1	Adapter
13	92-6877	1	Valve-Drain, Oil
14	109-0293	1	Hose-Fuel
15	1-603770	1	Valve-Fuel
16	109-0306	1	Hose-Fuel
19	322-3	2	Screw-HH
20	1-805005	2	Washer-Lock
23	33113-016	1	Screw-HH
24	1-805004	1	Washer-Lock
25	100-6467	1	Muffler
26	103-5465	1	Clamp-Muffler

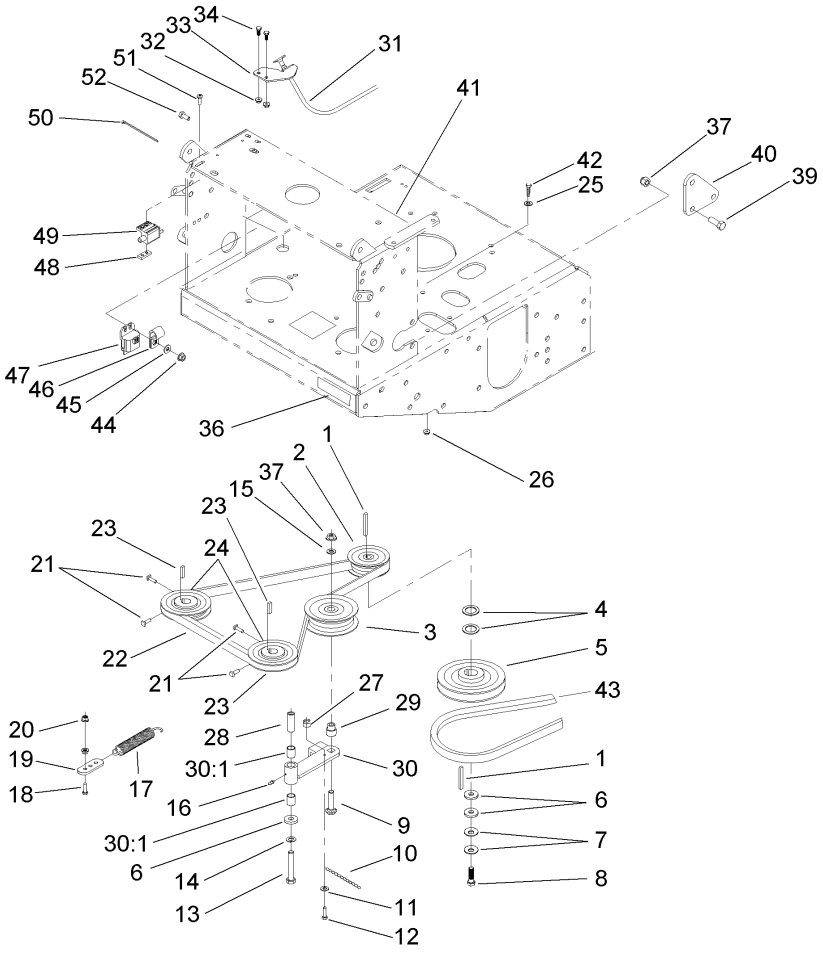
Ref	Part No.	Qty.	Description
27	322-7	3	Screw-HH
28	1-303334	4	Washer-Spring
29	32128-20	4	Nut-HF
30	5-0652	2	Spacer
31	3296-29	1	Nut-Lock, NI
32	323-6	8	Screw-HH
33	98-5975	8	Washer-Belleville
34	3290-357	8	Nut-HHF, Whiz
35	1-413510	1	Clip-Loom
36	33114-016	1	Screw-HH
37	322-9	1	Screw-HH
38	1-322110	1	Guide-Belt
99	103-1964	1	Hose-Drain, Oil



Drive Assembly

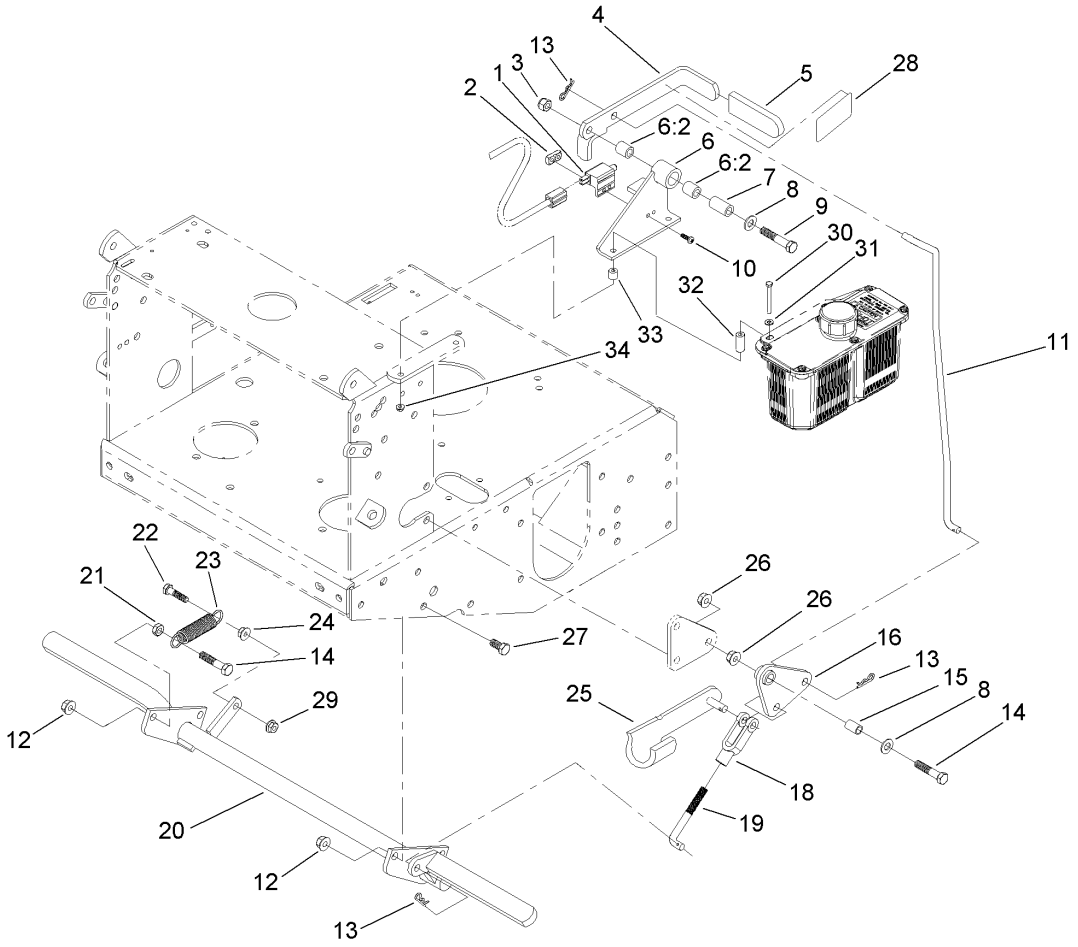
Ref	Part No.	Qty.	Description
1	1-807259	2	Key
2	1-653035	1	Pulley
3	1-603843	1	Pulley-Idler
4	1-523157	2	Washer-Spacer, 14 GA
5	110-4891	1	Pulley ASM
6	1-373034	3	Washer
7	1-603610	2	Washer-Spring
8	3212-6	1	Screw-HH
9	3231-6	1	Screw-CARR
10	1-323365	1	Chain-Link, Twist
11	3256-14	1	Washer-Flat
12	1-809069	1	Screw-Cap Socket Head
13	323-12	1	Screw-HH
14	1-373034	1	Washer
15	5-0652	1	Spacer
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	2	Nut-HF
21	1-803050	4	Screw-Set
22	106-2740	1	V-Belt-Drive, Hydro
23	1-807272	2	Key
24	1-413010	2	Sheave ASM W/Hub

Ref	Part No.	Qty.	Description
25	3256-24	1	Washer-Flat
26	3290-357	1	Nut-HHF, Whiz
27	3296-2	1	Nut-Lock
28	1-603044	1	Bushing
29	1-603496	1	Bushing-Idler
30	1-602521	1	Idler Arm ASM
30:1	103-4681	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
37	3296-39	3	Nut-Lock, NI
39	323-6	2	Screw-HH
40	1-413497	1	Bellcrank
41	95-2814	1	Decal-Shut Off, Fuel
42	323-7	1	Screw-HH
43	110-2126	1	Belt-V
44	3296-42	1	Nut-Lock, NI
45	3256-22	1	Washer-Flat
46	1-603727	1	Clip-Loom
47	1-323430	1	Module-Interlock
48	1-633181	1	Plate-Tapped
49	1-513051	1	Switch-Open, Normally



Drive Assembly (continued)

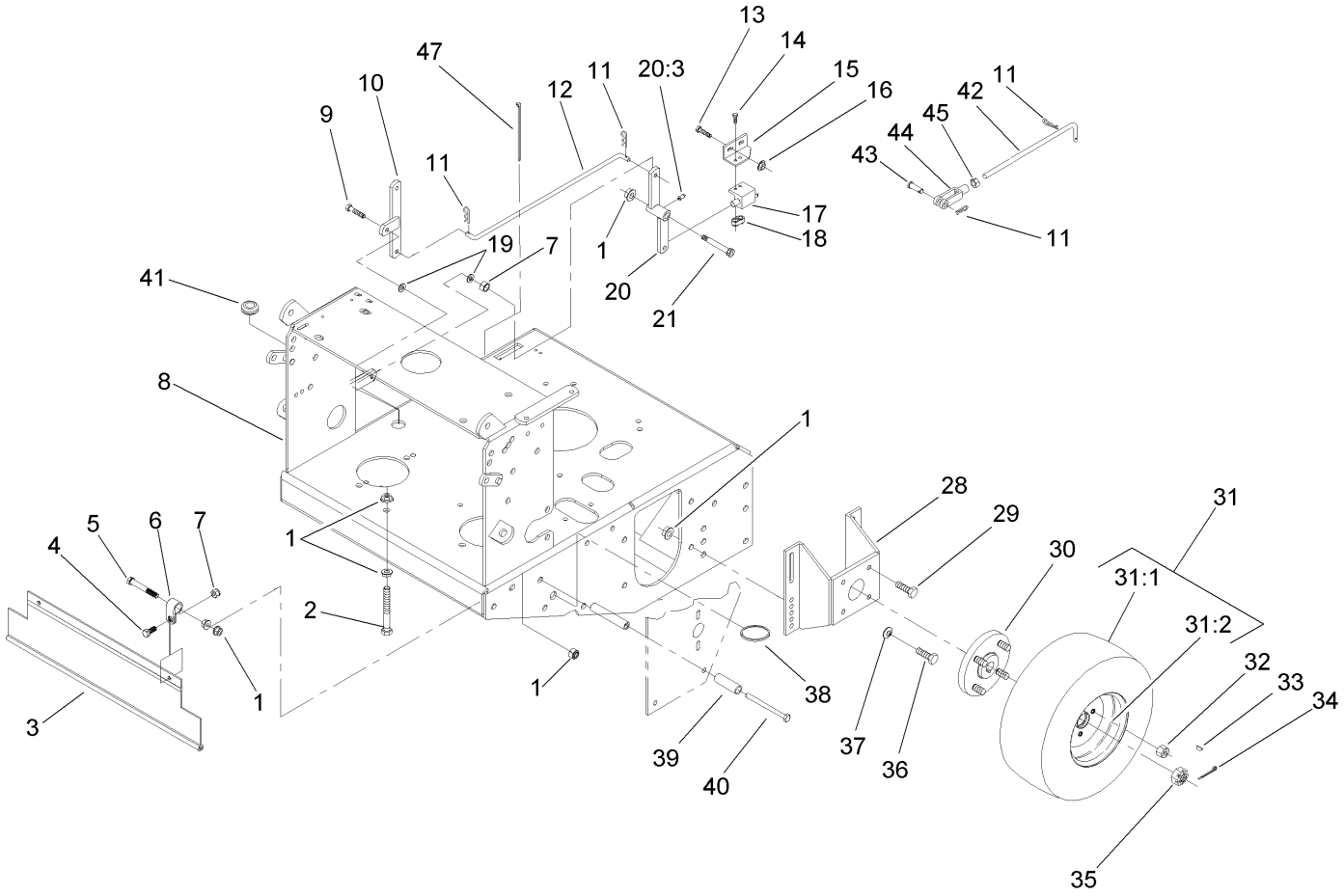
Ref	Part No.	Qty.	Description
50	1-303287	1	Tie-Plastic
51	3290-500	2	Screw-PPH
52	321-4	1	Screw-HH



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	1-513051	1	Switch-Open, Normally
2	1-633181	1	Plate-Tapped
3	3296-39	1	Nut-Lock, NI
4	1-412501-03	1	Lever-Parkbrake
5	1-303020	1	Grip-Lever
6	1-414504	1	Bracket ASM
6:2	1-413347	2	Sleeve-Bushing
7	1-413344	1	Bushing-Pivot
8	3256-24	2	Washer-Flat
9	323-10	1	Screw-HH
10	3290-500	2	Screw-PPH
11	1-413496	1	Linkage-Upper
12	3296-39	4	Nut-Lock, NI
13	1-806003	3	Pin-Hair
14	323-9	2	Screw-HH
15	1-303548	1	Bushing-Plastic
16	1-414508	1	Bellcrank ASM
18	1-633131	1	Yoke-Linkage, Brake
19	1-413489	1	Linkage-Lower
20	103-2004-03	1	Brake
21	3218-3	1	Nut-Jam
22	322-6	1	Screw-HH
23	1-323161	1	Spring-Idler
24	32128-20	1	Nut-HF

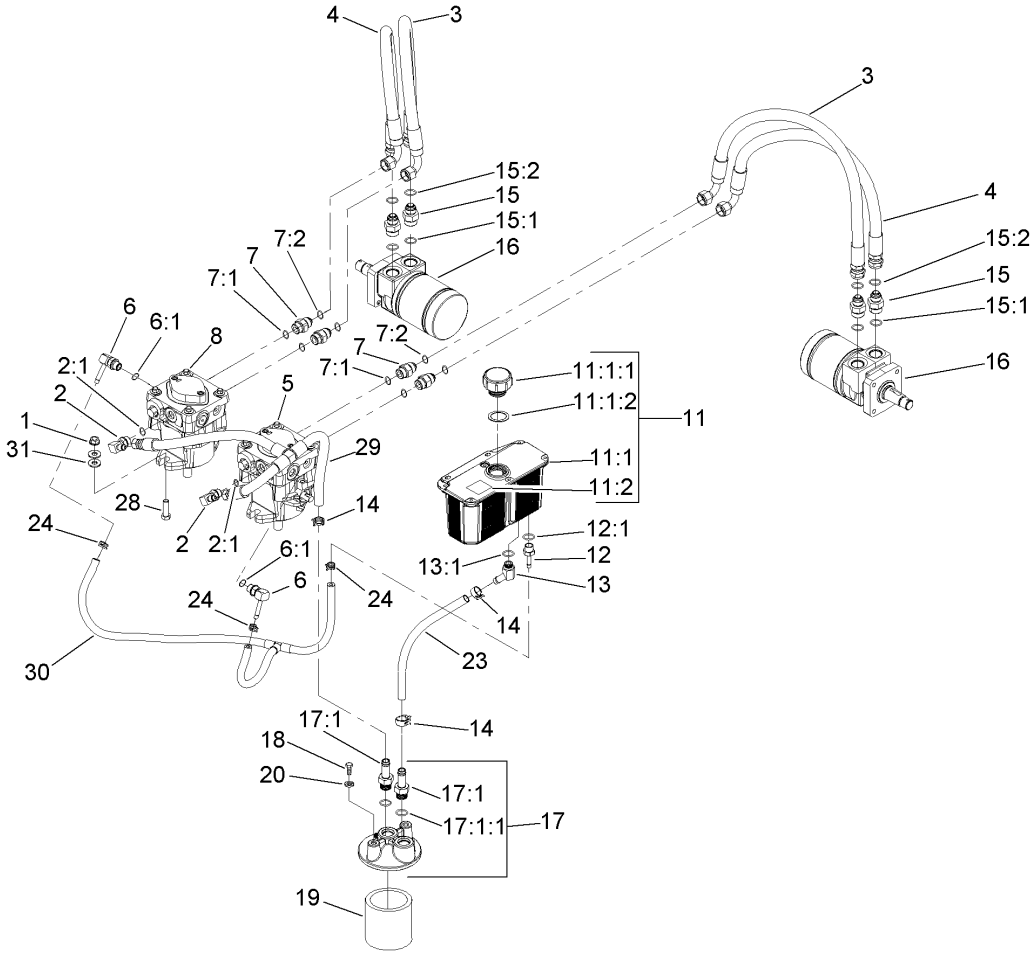
Ref	Part No.	Qty.	Description
25	103-2399	1	Pin-Spring, Clevis
26	32128-21	2	Nut-HF
27	323-6	3	Screw-HH
28	103-2103	1	Decal-Brake, Park
29	3296-29	1	Nut-Lock, NI
30	321-23	2	Screw-HH
31	3256-22	2	Washer-Flat
32	103-2191	2	Spacer
33	1-323549	2	Spacer
34	32128-33	2	Nut-HF



Frame and Wheel Assembly

Ref	Part No.	Qty.	Description
1	3290-357	16	Nut-HHF, Whiz
2	323-11	1	Screw-HH
3	103-2056	1	Shield-Drag
4	322-3	2	Screw-HH
5	323-13	2	Screw-HH
6	1-413510	2	Clip-Loom
7	3296-29	3	Nut-Lock, NI
8	110-6915-01	1	Hydro Frame ASM
9	322-6	1	Screw-HH
10	1-322090-01	1	Bellcrank ASM
11	1-806003	4	Pin-Hair
12	1-323172	1	Linkage-Engage, Blade
13	321-3	2	Screw-HH
14	3290-500	2	Screw-PPH
15	1-323213	1	Bracket-Switch, Blade
16	32128-33	2	Nut-HF
17	1-513051	1	Switch-Open, Normally
18	1-633181	1	Plate-Tapped
19	3256-23	2	Washer-Flat
20	1-322108	1	Bellcrank ASM
20:3	302-40	1	Fitting-Grease
21	1-809062	1	Screw
28	1-402062-01	2	Mount-Motor
29	3234-12	8	Screw-HHF

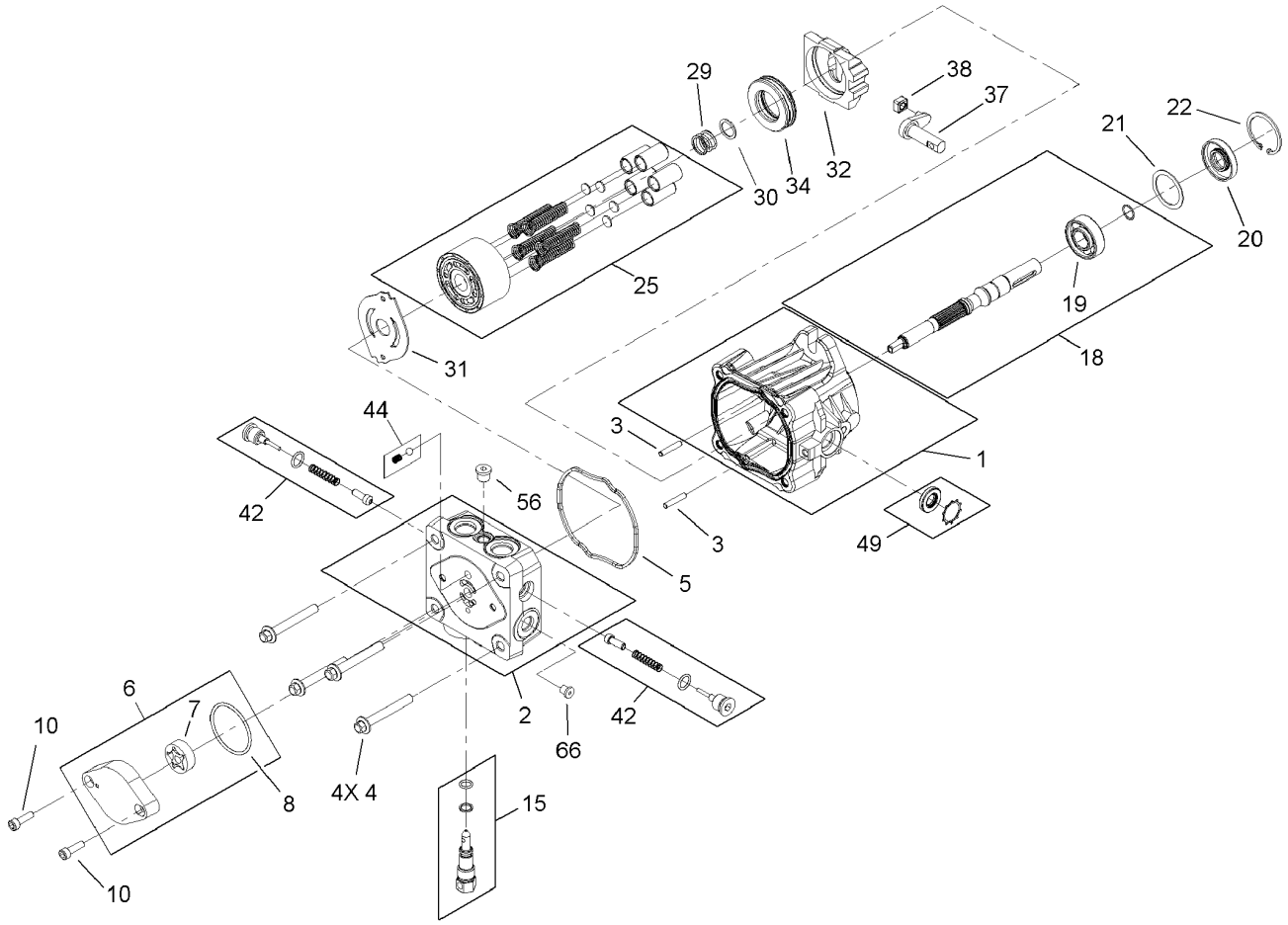
Ref	Part No.	Qty.	Description
30	1-602997	2	Hub W/Studs
❷31		2	Wheel And Tire ASM
31:1	1-613264	1	Tire-Turfmaster
31:2	1-603715	1	Wheel-Rim
32	242-50	8	Nut-Lug
33	1-807019	2	Key-Woodruff
34	1-806800	2	Pin-Cotter
35	32136-5	2	Nut-Hex, Slotted
36	323-6	8	Screw-HH
37	98-5975	8	Washer-Belleville
38	1-323366	1	Ring-Split
39	105-4820	1	Spacer-Short
40	323-23	1	Screw-HH
41	1-543296	1	Grommet
42	110-4873	1	Rod-Linkage
43	1-808280	1	Pin-Clevis
44	1-303105	1	Yoke-Adjustable
45	3219-2	1	Nut-Hex
47	1-303287	2	Tie-Plastic



Hydraulic Assembly

Ref	Part No.	Qty.	Description
1	3290-357	4	Nut-HHF, Whiz
2	103-1802	2	Fitting-HYD, 90 DEG
2:1	1-603921	1	O-Ring
3	1-323241	2	Hose-Pressure, High
4	1-613034	2	Hose-Pressure, High
5	103-4611	1	Pump-HYD
❶5:1	105-6184	1	Overhaul Seal Kit
❶5:2	105-6185	1	Plate-Valve
❶5:8	103-2664	1	Input Shaft Kit
❶5:9	94-6922	1	Bearing-Thrust
❶5:10	103-2666	1	Cylinder Block Kit
6	103-1799	2	Elbow-90 DEG
6:1	237-42	1	O-Ring
7	1-603990	4	Fitting-Straight
7:1	1-603920	1	O-Ring
7:2	1-603992	1	O-Ring
8	106-5490	1	Hydraulic Pump ASM
11	103-1947	1	HYD Reservoir ASM
❷11:1		1	Reservoir-HYD
11:1:1	103-1948	1	Cap-Reservoir, HYD
11:1:2	103-1949	1	Gasket-Cap
11:2	1-523552	1	Decal-Tank, HYD
12	103-1801	1	Adapter-Straight
12:1	237-42	1	O-Ring

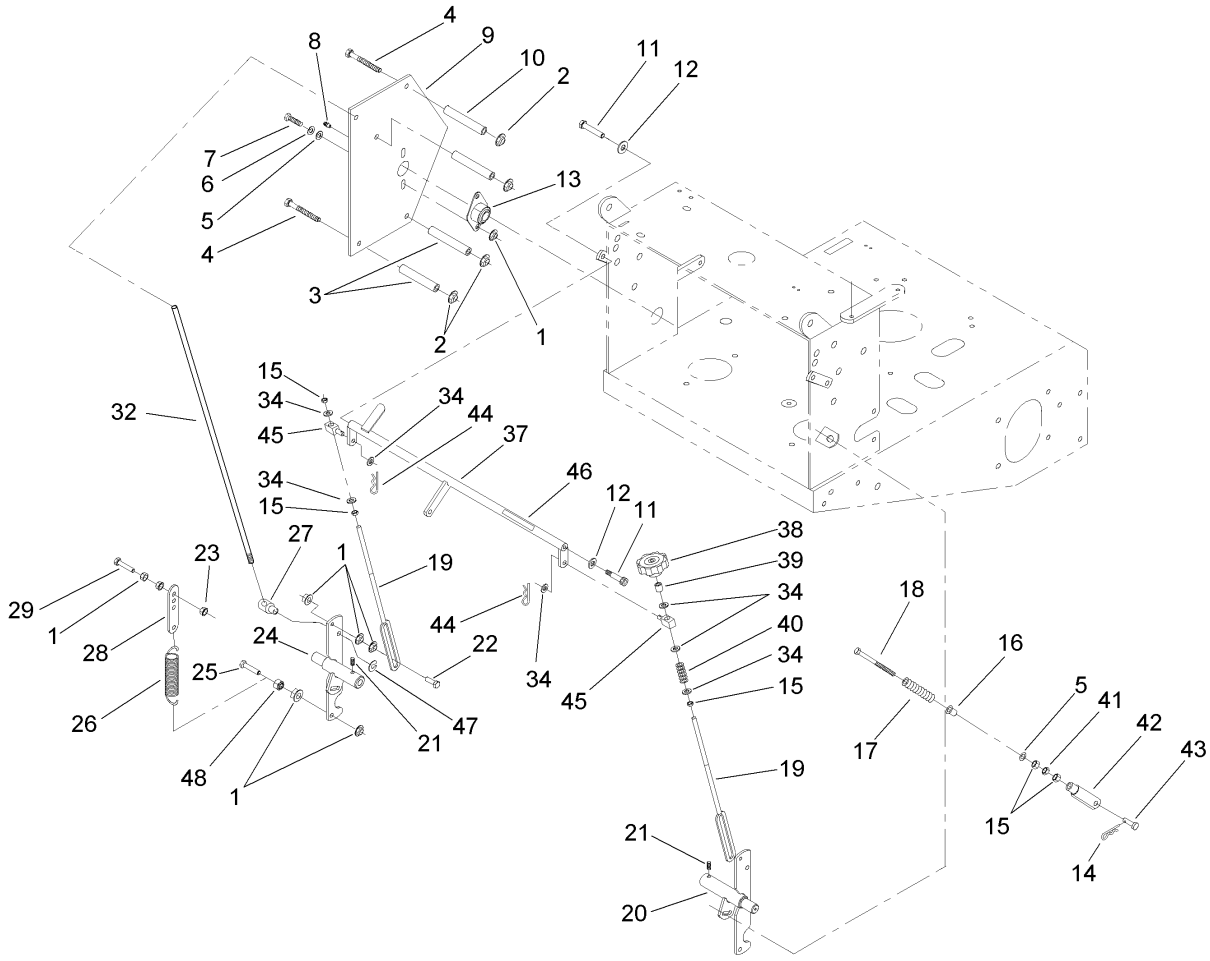
Ref	Part No.	Qty.	Description
13	103-1807	1	Elbow-45 DEG
13:1	237-42	1	O-Ring
14	103-1988	3	Clamp-Hose
15	1-603991	4	Fitting-Straight
15:1	237-80	1	O-Ring
15:2	1-603992	1	O-Ring
16	1-603718	2	Motor-Wheel
❶16:1	1-000119	1	Seal Kit
17	103-2889	1	Filter Head ASM
17:1	103-1912	2	Adapter-Straight
17:1:1	237-42	1	O-Ring
18	321-3	2	Screw-HH
19	1-633750	1	Filter-Oil, HYD
20	1-805004	2	Washer-Lock
23	103-2959	1	Hose-Charge
24	103-1716	3	Clamp-Hose
28	323-7	4	Screw-HH
29	103-3914	1	Charge Hose ASM
30	103-4019	1	Case Drain Hose ASM
31	3256-3	8	Washer-Flat



Hydraulic Pump Assembly No. 106-5490

Ref	Part No.	Qty.	Description
1	106-8751	1	Housing Kit
2	106-8752	1	End Cap Kit (W/Poppets)
3	106-8753	2	Pin-Headless, Straight
4	106-8754	4	Bolt-HF
5	106-8755	1	O-Ring
6	106-8756	1	Charge Pump Kit
7	104-2122	1	Gerotor ASM
8	106-8757	1	O-Ring
10	106-8758	2	Screw-HSH
15	106-8759	1	Bypass Valve Kit
18	103-2664	1	Input Shaft Kit
19	104-5311	1	Bearing-Ball
20	104-5310	1	Seal-Lip
21	104-5308	1	Spacer
22	104-5309	1	Ring-Retaining
25	104-2106	1	Cylinder Block ASM
29	94-1936	1	Spring-Block
30	94-1937	1	Washer-Block, Thrust
31	105-6185	1	Plate-Valve
32	94-1907	1	Swashplate-Variable
34	94-6922	1	Bearing-Thrust
37	94-1909	1	Arm-Trunion
38	94-1910	1	Guide-Slot
42	98-3252	2	Valve-Check (W/Poppet)

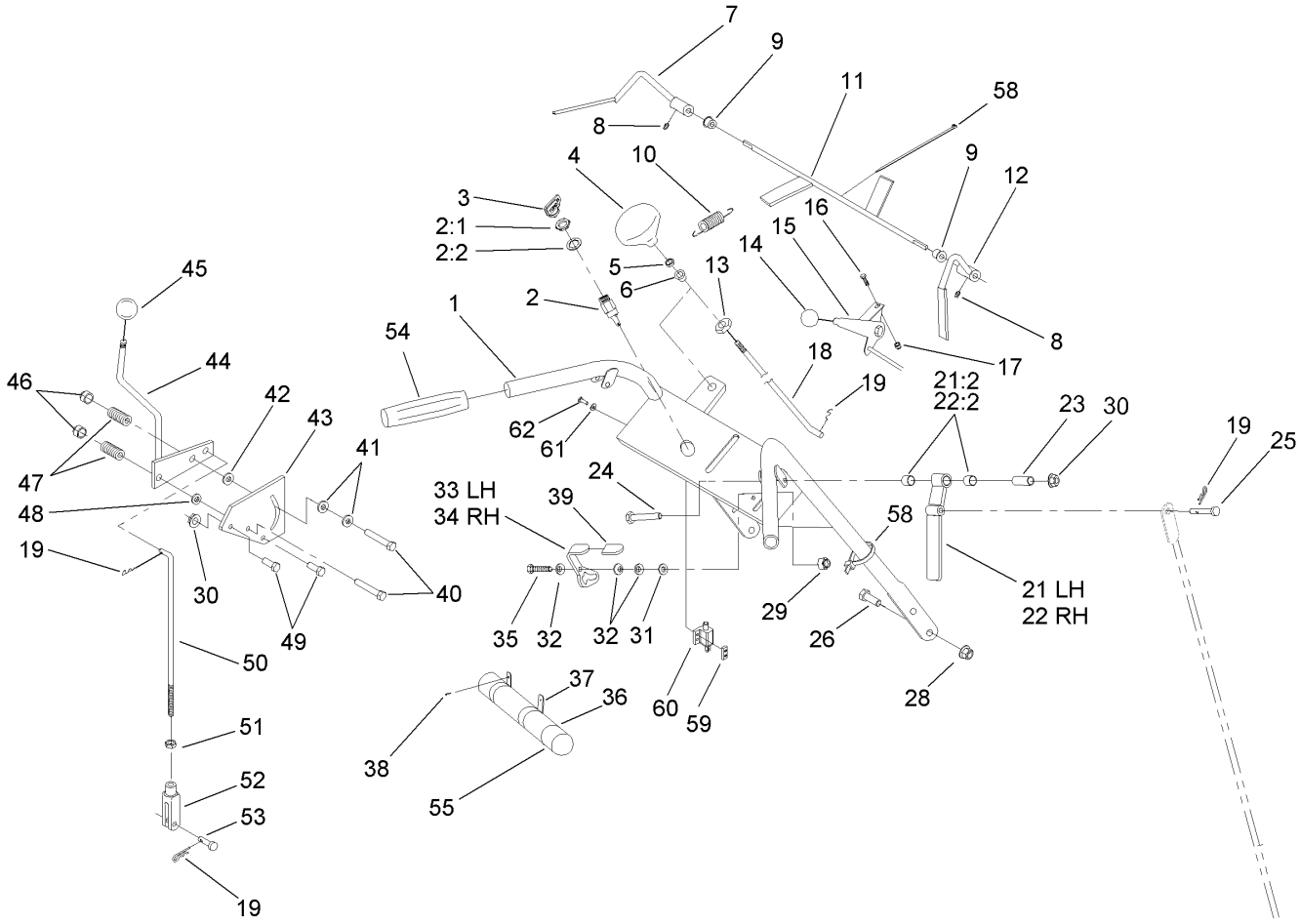
Ref	Part No.	Qty.	Description
44	106-8760	1	Charge Relief Valve Kit
49	106-8761	1	Trunnion Seal / Retainer Kit
56	106-8762	1	Plug-HSH
66	106-8763	1	Plug-HSH
❶99	105-6184	1	Overhaul Seal Kit



Pivot and Linkage Assembly

Ref	Part No.	Qty.	Description
1	32128-20	18	Nut-HF
2	3290-357	7	Nut-HHF, Whiz
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	110-4897-01	2	Shield-Control, 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	103-4796-01	1	Shaft-Control, RH
21	1-803022	2	Screw-Set
22	1-403180	2	Screw-HH
23	3296-29	2	Nut-Lock, NI
24	103-1190-01	1	Shaft-Control, LH

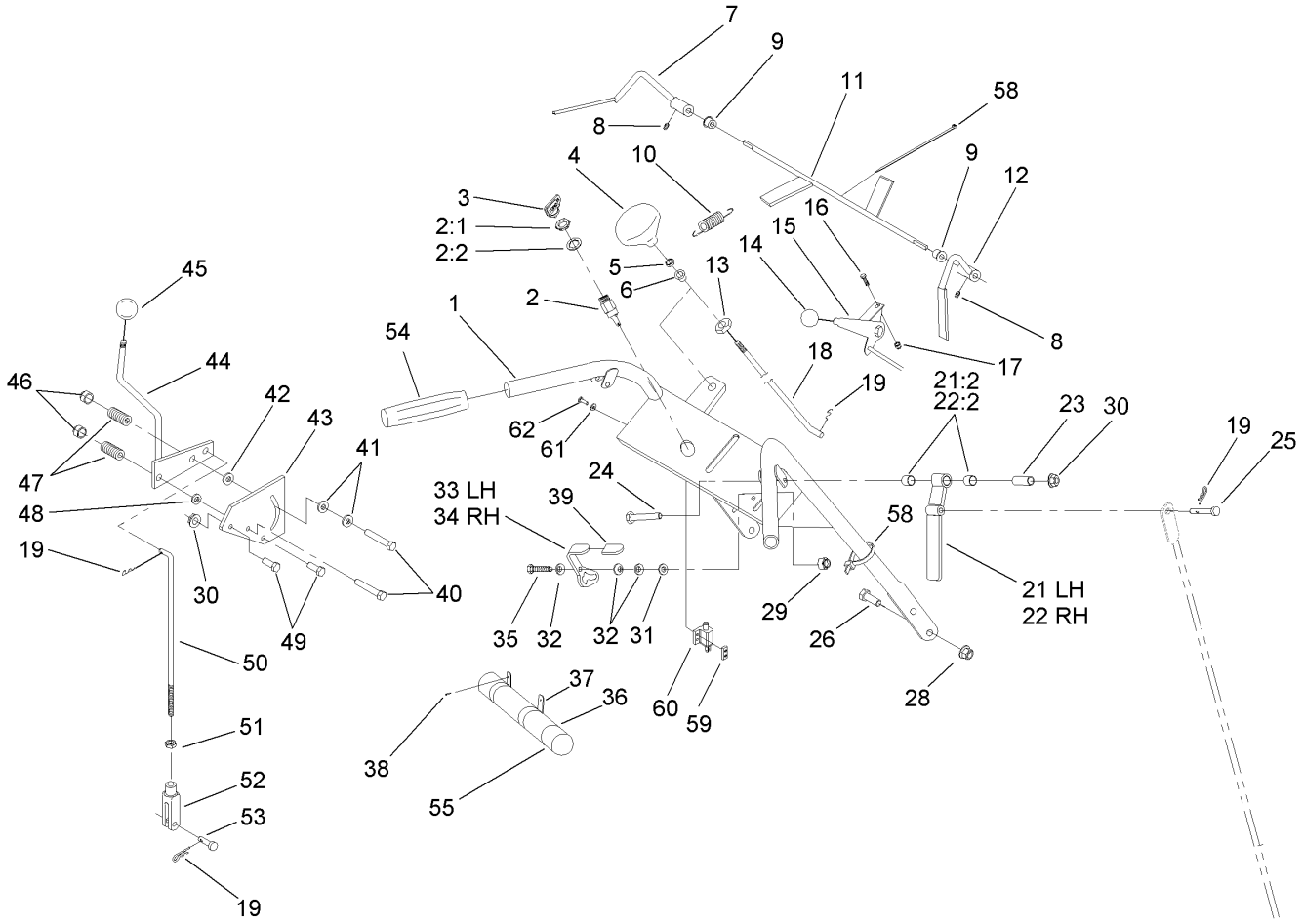
Ref	Part No.	Qty.	Description
25	322-6	2	Screw-HH
26	1-603693	2	Spring-Extension
27	103-1235	2	Swivel-Lever, Drive
28	1-613089	2	Tab-Spring, Extension
29	1-800016	2	Bolt-TAP, HH
32	1-413219	2	Rod-Lever, Drive
34	3256-23	7	Washer-Flat
37	1-412203-01	1	Crank-Control, Speed
38	1-413151	1	Knob-Tracking
39	1-603903	1	Spacer
40	1-323245	1	Spring-Compression
41	3220-2	2	Nut-Jam
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
48	3218-2	2	Nut-Jam



Handle and Control Assembly

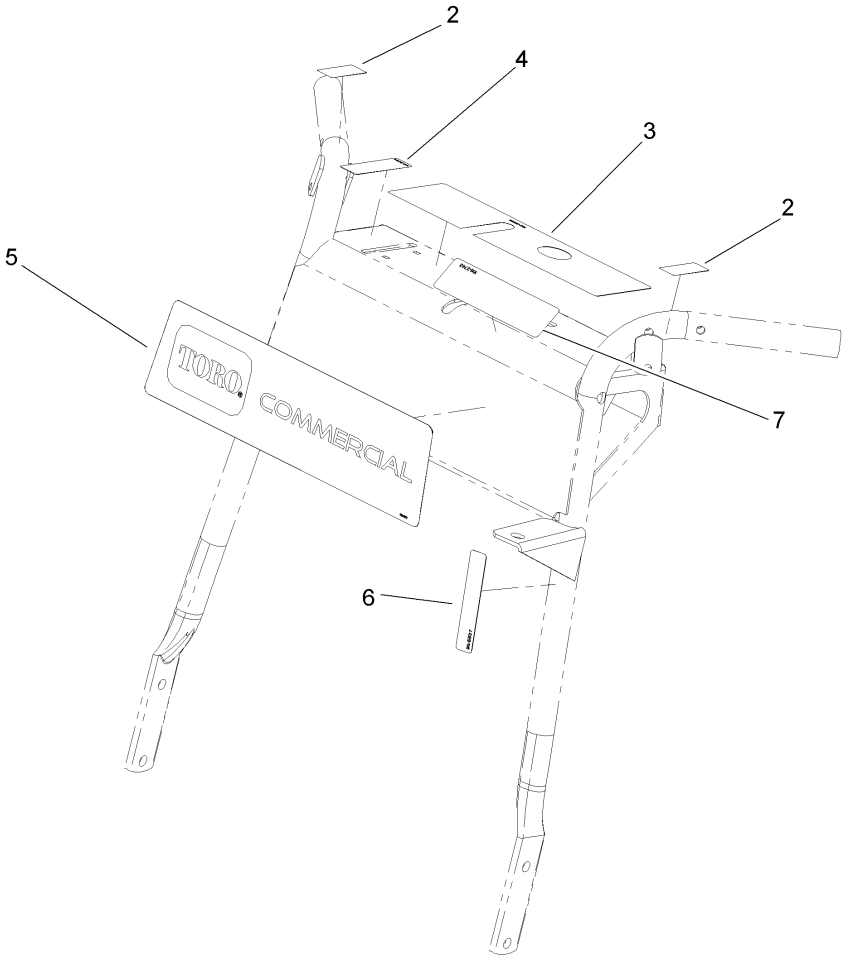
Ref	Part No.	Qty.	Description
1	110-6907	1	Hydro Handle ASM
2	29-5560	1	Switch-On / Off
2:1	218-461	1	Nut-HH
2:2	3254-5	1	Washer-Tooth
3	63-8360	1	Key-Ignition
4	1-323134	1	Knob-Push / Pull
5	3218-2	1	Nut-Jam
6	1-323143	1	Bearing-Nylon
7	106-5485	1	LH Opc Lever ASM
8	1-803322	2	Screw-Set
9	1-303365	2	Bushing-Nylon
10	1-303363	1	Spring-Extension
11	106-2717-03	1	Rod-Control, Operator Presence
12	106-5486	1	RH Opc Lever ASM
13	1-323142	1	Nut-Push
14	1-513592	1	Knob-Ball
15	1-633696	1	Throttle Cable ASM
16	1-807513	2	Bolt-CARR
17	3296-2	2	Nut-Lock
18	1-323181	1	Linkage-Blade
19	1-806003	5	Pin-Hair
21	103-0218	1	LH Drive Lever ASM
21:2	1-413152	2	Sleeve-Bushing
22	103-0219	1	RH Drive Lever ASM

Ref	Part No.	Qty.	Description
22:2	1-413152	2	Sleeve-Bushing
23	1-603749	2	Bushing-Lever, Drive
24	321-9	2	Screw-HH
25	1-613055	2	Pin-Clevis
26	3234-11	4	Screw-HHF
28	32128-21	4	Nut-HF
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	1-612167	1	LH Grip / Latch ASM
34	1-612168	1	RH Grip / Latch ASM
35	321-10	2	Screw-HH
36	104-7050	1	Housing-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-Lever, Shifter
44	106-2748	1	Lever-Shift
45	1-603175	1	Knob-Ball
46	3296-29	2	Nut-Lock, NI



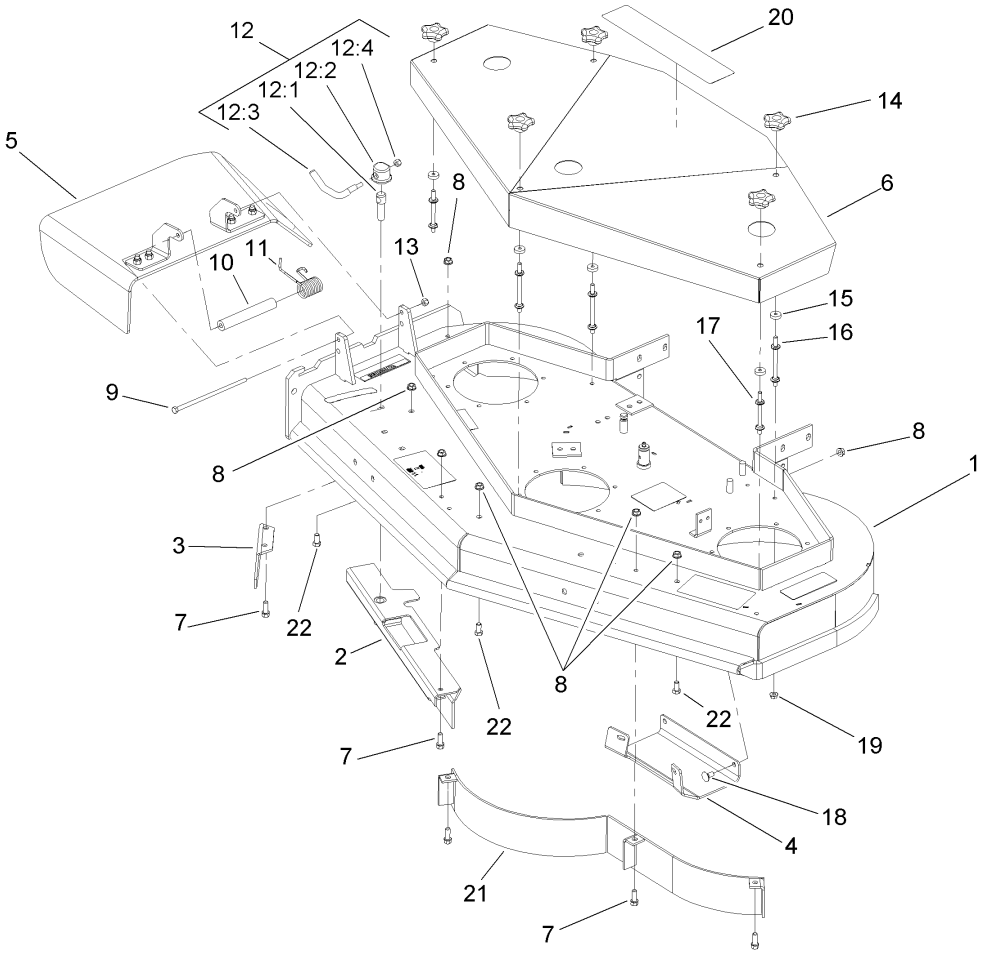
Handle and Control Assembly (continued)

Ref	Part No.	Qty.	Description
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-Jam
52	1-303105	1	Yoke-Adjustable
53	1-808280	1	Pin-Clevis
54	104-9838	2	Grip-Foam
55	104-7048	1	Cap-Housing
58	1-303287	3	Tie-Plastic
59	1-633181	1	Plate-Tapped
60	1-513051	1	Switch-Open, Normally
61	3256-14	2	Washer-Flat
62	3290-500	2	Screw-PPH
❶63	103-2007	1	Harness-Wiring



Control Handle Assembly No. 110-6907

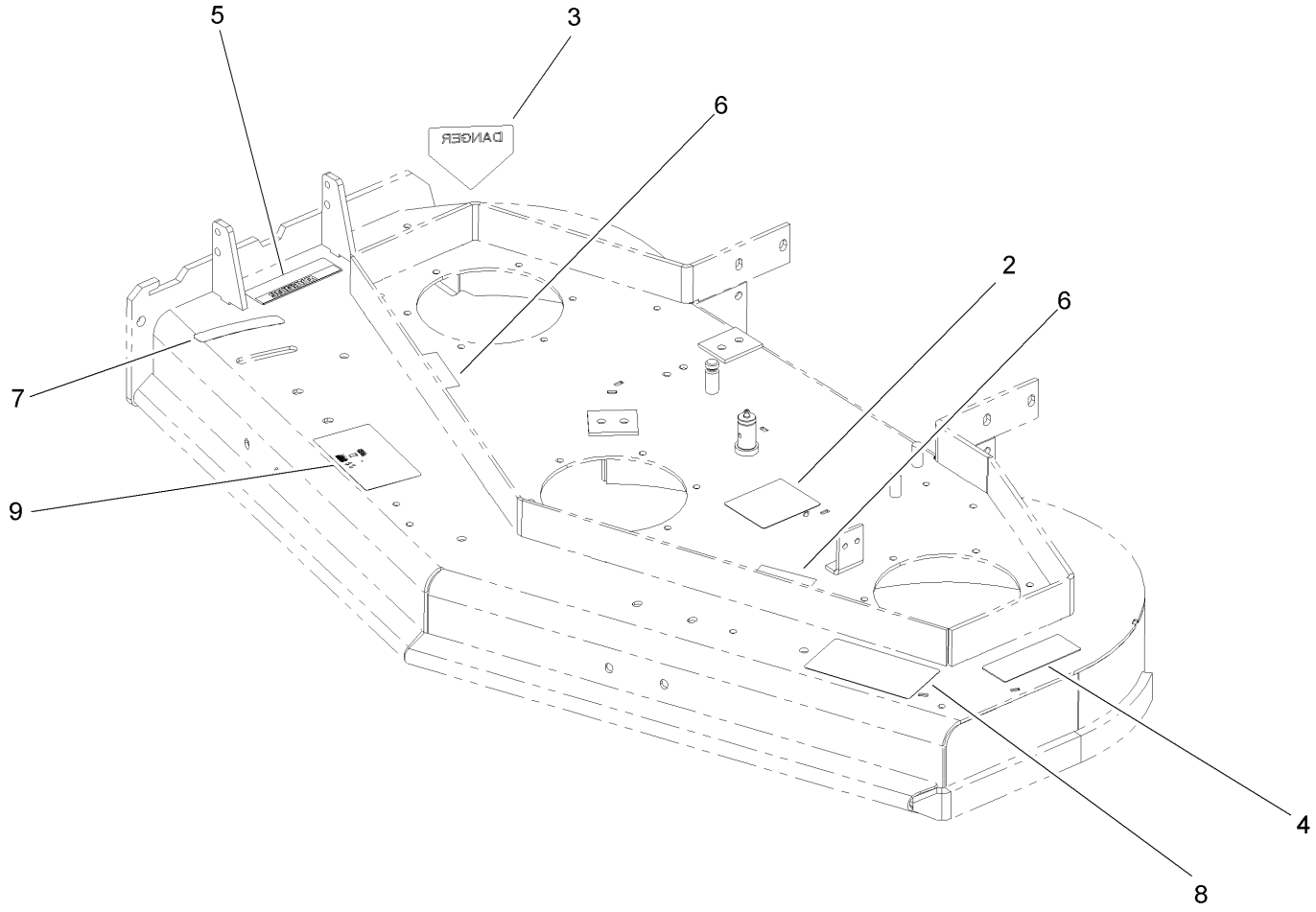
Ref	Part No.	Qty.	Description
2	105-4110	2	Decal-Lock, Neutral
3	106-2738	1	Decal-Warning
4	106-2733	1	Decal-Throttle
5	110-6917	1	Decal-Control Panel
6	95-5537	1	Decal-Engage, Deck
7	106-2743	1	Decal-Caution, Brake



Deck Assembly

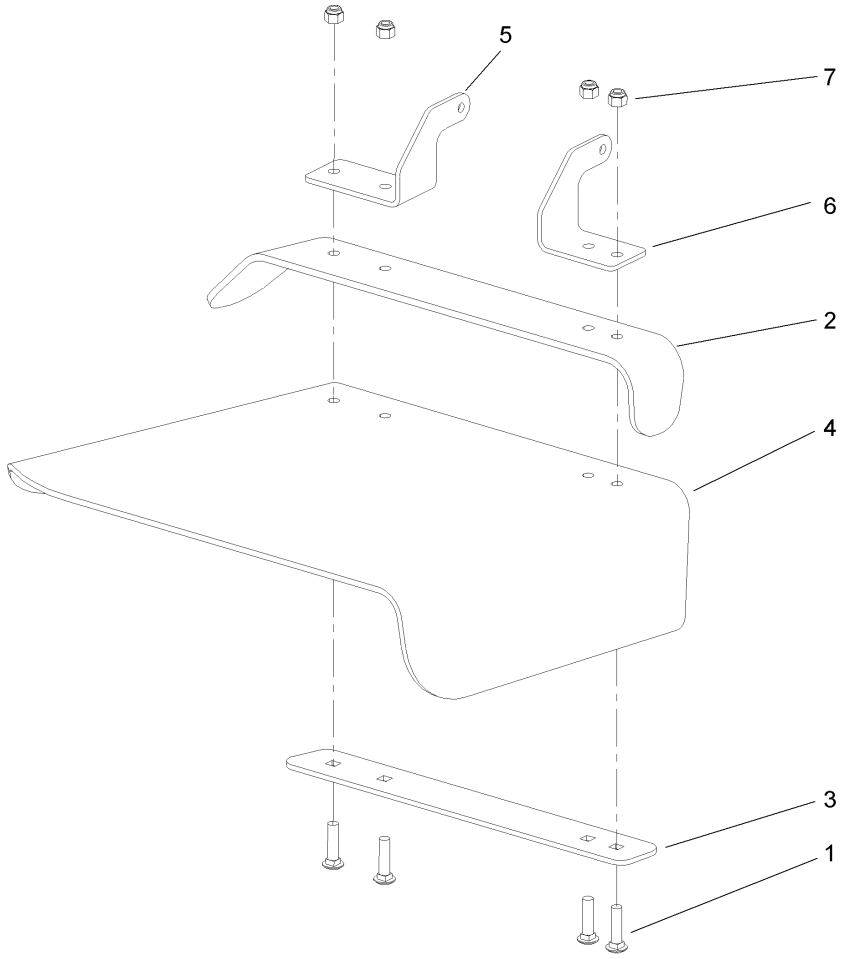
Ref	Part No.	Qty.	Description
1	110-4910	1	52 Inch Deck ASM
2	110-2125-01	1	Baffle-Adjustable
3	110-0754-01	1	Baffle-Discharge
4	106-7358-01	1	Plate-Skid
5	110-0758	1	Deflector ASM
6	110-2120-01	1	Cover
7	92-1624	6	Screw
8	3290-357	13	Nut-HHF, Whiz
9	322-50	1	Screw-HH
10	105-4622	1	Spacer
11	104-8554	1	Spring-Torsion
12	107-1664	1	Lever ASM
12:1	106-3239	1	Screw-Lock
12:2	107-1644	1	Cap-Lock
12:3	106-3241	1	Lever-Lock
12:4	3296-29	1	Nut-Lock, NI
13	3296-29	1	Nut-Lock, NI
14	106-4161	5	Knob-Handle
15	1-323417	5	Washer
16	1-303536	3	Stud-Shield, Belt (Long)
17	1-303537	2	Stud-Shield, Belt (Short)
18	3231-1	4	Screw-CARR
19	32128-20	5	Nut-HF
20	110-6921	1	Decal-Turbo Force

Ref	Part No.	Qty.	Description
21	110-0740-01	1	Baffle ASM
22	323-4	3	Screw-HH



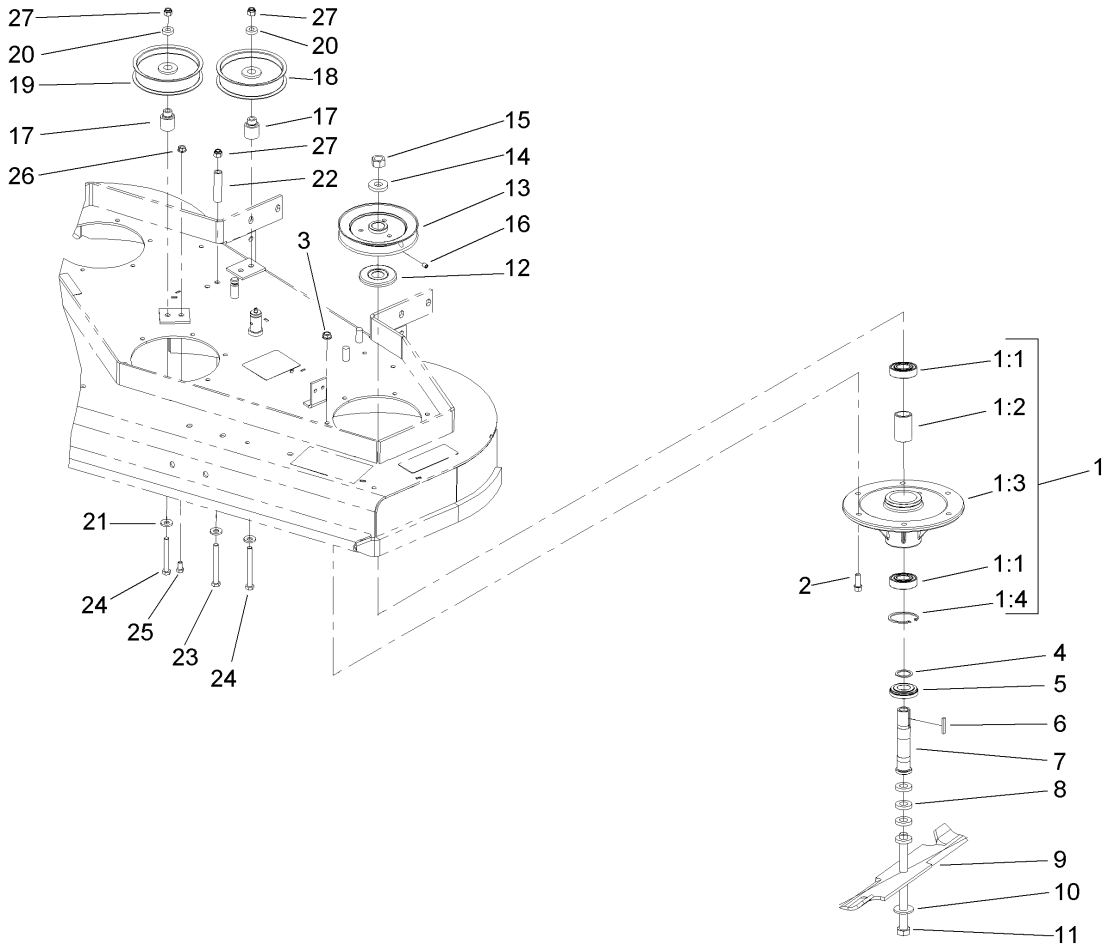
Deck Decal Assembly No. 110-4910

Ref	Part No.	Qty.	Description
2	99-3943	1	Decal-Routing, Belt
3	43-8480	1	Decal-Danger
4	98-5130	1	Decal-Torque, Bolt
5	104-8569	1	Decal-Warning
6	98-5954	2	Decal-Missing, Cover
7	110-2067	1	Decal-Setting, Baffle
8	66-1340	1	Decal-Danger
9	110-2068	1	Decal-Adjustment, Baffle



Deflector Assembly No. 110-0758

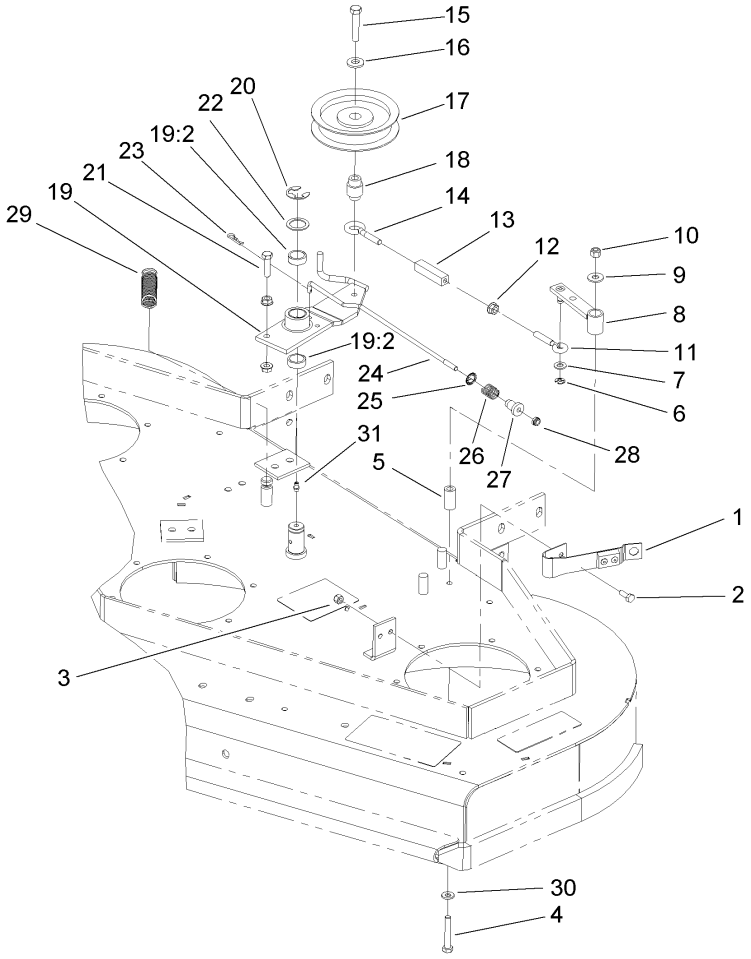
Ref	Part No.	Qty.	Description
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	110-0759	1	Deflector-Rubber
5	107-4197-01	1	Bracket-Hinge, Rear
6	107-4196-01	1	Bracket-Hinge, Front
7	3296-39	4	Nut-Lock, NI



Spindle and Blade Assembly

Ref	Part No.	Qty.	Description
❷1		3	Spindle Housing ASM
1:1	110-2118	2	Bearing
1:2	110-2116	1	Spacer-Bearing
1:3	108-6694	1	Housing-Spindle
1:4	32120-8	1	Ring-Snap
2	92-1624	18	Screw
3	3290-357	18	Nut-HHF, Whiz
4	110-4888	3	Washer-Spacer
5	103-2535	3	Spacer-Guard, Bottom
6	1-807267	3	Key
7	1-323529	3	Tube-Spindle, Short
8	1-323539	12	Spacer-Drive, Blade
9	105-7781	3	Blade-Hi Flow, 18 Inch
10	1-513208	3	Washer-Spring
11	1-800861	3	Screw-Cap, HH
12	103-1330	3	Guard-Bearing, Top
13	1-403183	3	Sheave
14	1-323339	3	Washer-Retainer, Sheave
15	3219-6	3	Nut-Hex
16	1-803310	3	Screw-Set
17	1-403184	2	Bushing-Idler
18	1-403186	1	Idler-Pulley, Flat
19	1-613098	1	Pulley-Idler
20	5-0652	2	Spacer

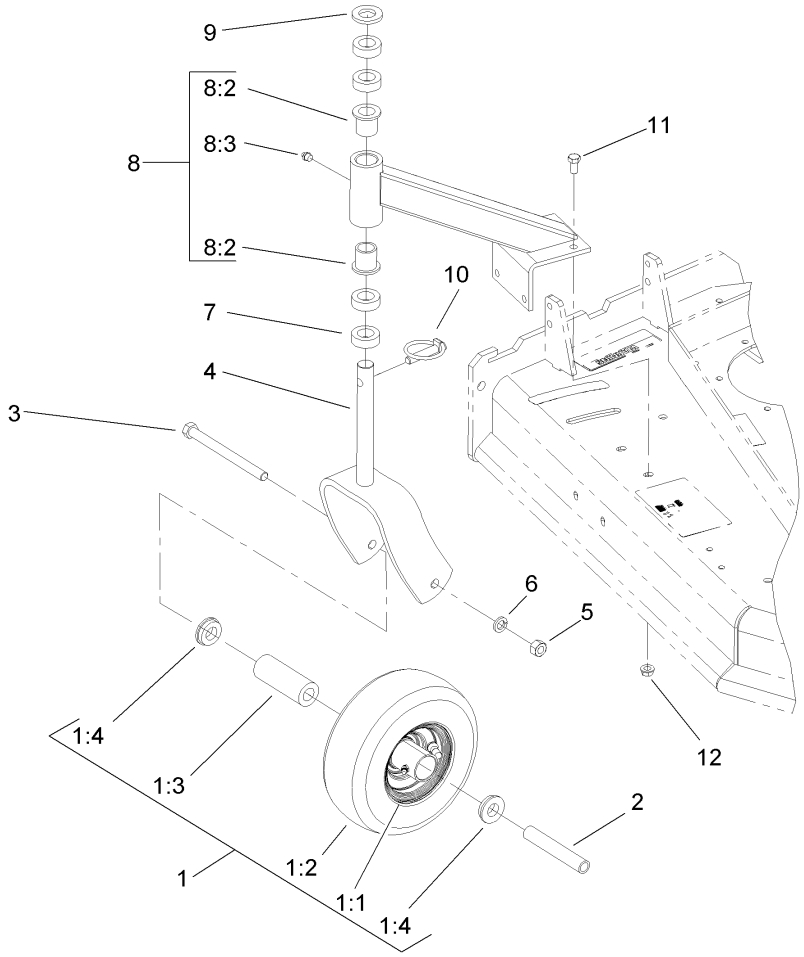
Ref	Part No.	Qty.	Description
21	98-5975	3	Washer-Belleville
22	1-403188	1	Spacer
23	323-15	1	Screw-HH
24	323-14	2	Screw-HH
25	322-2	1	Screw-HH
26	32128-20	1	Nut-HF
27	3296-39	3	Nut-Lock, NI



Idler Assembly

Ref	Part No.	Qty.	Description
1	1-324372	1	Pad / Spring ASM
2	321-4	2	Screw-HH
3	3296-42	2	Nut-Lock, NI
4	322-10	1	Screw-HH
5	1-403179	1	Tube-Pivot
6	32120-35	1	E-Ring
7	3256-23	1	Washer-Flat
8	1-322235	1	Arm-Assist
9	3256-3	1	Washer-Flat
10	3296-29	1	Nut-Lock, NI
11	1-303238	1	Eyebolt-Thread, RH
12	32128-20	2	Nut-HF
13	1-303236	1	Body-Turnbuckle
14	1-303348	1	Eyebolt-Thread, LH
15	702809	1	Screw-Cap
16	98-5975	1	Washer-Belleville
17	1-603843	1	Pulley-Idler
18	1-303434	1	Bushing-Engagement
19	103-3600	1	Idler Arm ASM
19:2	1-323729	2	Sleeve-Bearing
20	32151-103	1	Ring-Snap
21	322-6	1	Screw-HH
22	1-303352	1	Washer-Spindle
23	1-806003	1	Pin-Hair

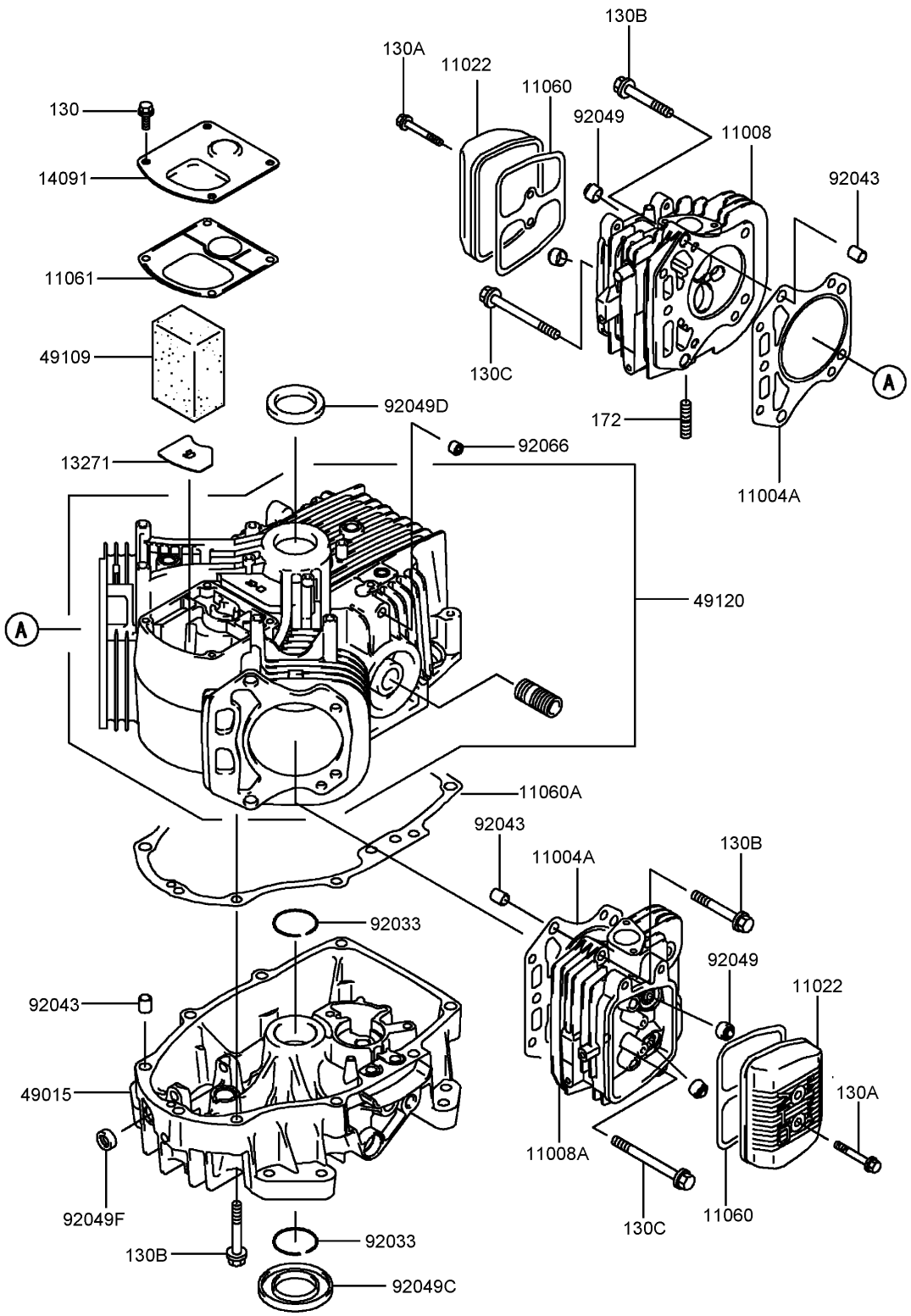
Ref	Part No.	Qty.	Description
24	110-0524	1	Rod-Brake
25	1-323748	1	Ring-Push On
26	1-323747	1	Spring-Compression
27	1-323746	1	Spacer-Flanged
28	3296-56	1	Nut-Lock, NI
29	1-323071	1	Spring-Extension
30	1-303334	1	Washer-Spring
31	302-19	2	Fitting-Grease



Caster Assembly

Ref	Part No.	Qty.	Description
1	1-513648	2	Wheel And Tire ASM
❷1:1		1	Rim
1:2	1-513808	1	Tire
1:3	1-513809	1	Bearing
1:4	1-513810	2	Bushing
2	1-513547	2	Spacer
3	325-20	2	Screw-HH
4	1-322145-01	2	Fork
5	3217-9	2	Nut-Hex
6	3253-7	2	Washer-Lock
7	1-303314	8	Spacer-Caster
8	110-2130	2	Support ASM
8:2	1-303514	2	Bearing-Flanged
8:3	302-52	1	Fitting-Grease
9	1-513338	2	Washer-Flat
10	1-809020	2	Pin
11	323-4	8	Screw-HH
12	3290-357	8	Nut-HHF, Whiz

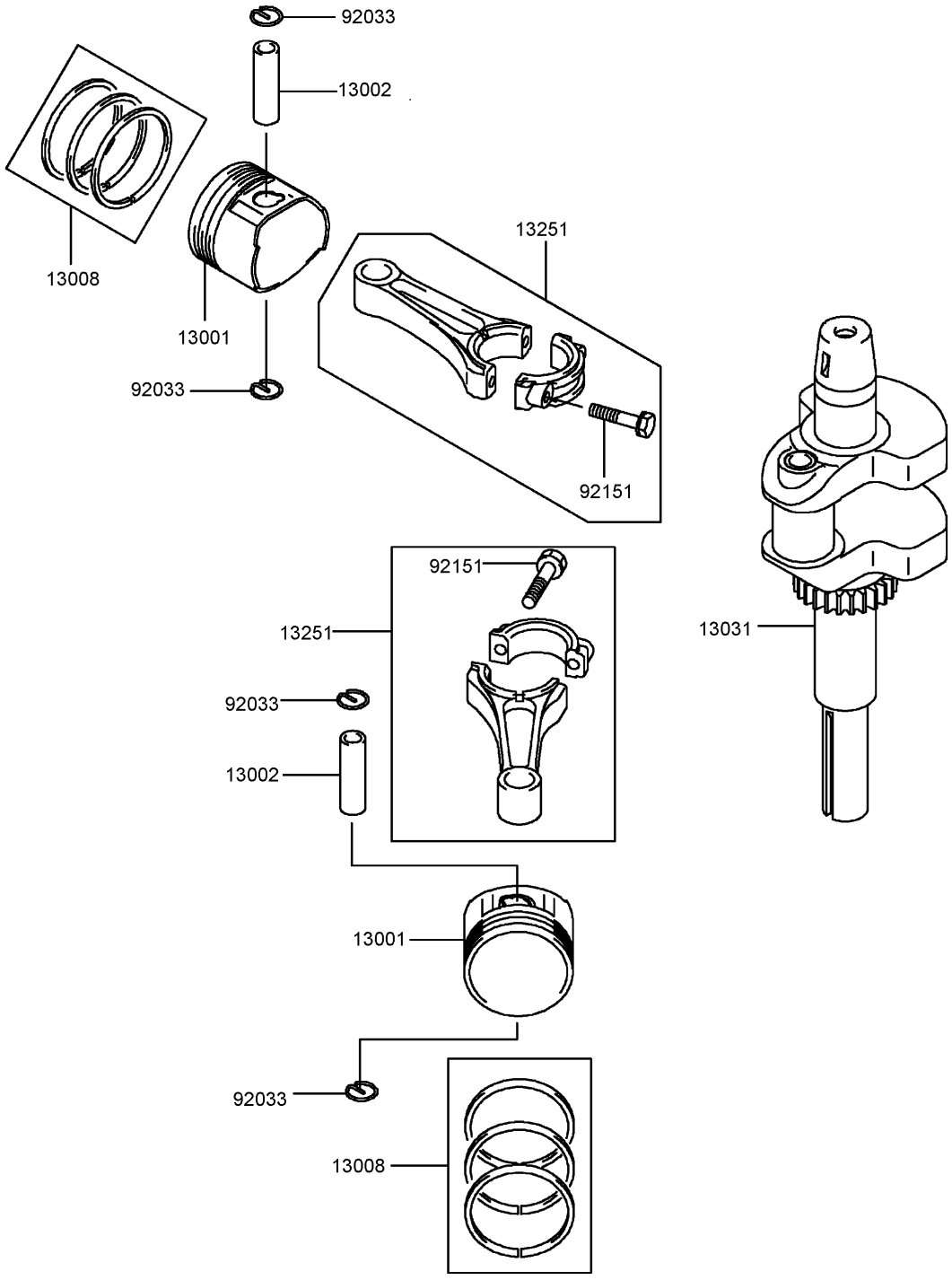
Cylinder and Crankcase Assembly
Kawasaki FH541V-BS23-R



Cylinder and Crankcase Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸11004A	11004-7016	2	Gasket-Head
❸11008	11008-6043	1	Head-Cylinder, No. 1
❸11008A	11008-7020	1	Head-Cylinder, No. 2
❸11022	11022-7003	2	Case-Rocker
❸11060	11060-7001	2	Gasket-Case, Rocker
❸11060A	11060-7008	1	Gasket-Cover, Crankcase
❸11061	11061-7001	1	Gasket-Breather
❸13271	13271-7016	1	Plate
❸14091	14091-7006	1	Cover
❸49015	49015-6253	1	Cover-Crankcase
❸49109	49109-7002	1	Element-Breather
❸49120	49120-7023	1	Crankcase
❸92033	92033-7003	2	Ring-Snap
❸92043	92043-7001	6	Pin
❸92049	92049-7001	4	Seal-Oil, Rvc2 (6X11X10.2)
❸92049C	92049-7015	1	Seal-Oil, Sd (35X62X8 L Hs)
❸92049D	92049-7016	1	Seal-Oil, Sd (35X48X8 R Hs)
❸92049F	92049-7019	1	Seal-Oil, So (8X14X5 Hs)
❸92066	92066-7002	1	Plug
❸130	130B0612	4	Bolt-Flanged
❸130A	130B0640	4	Bolt-Flanged
❸130B	130T0850	17	Bolt-Flanged
❸130C	130T0875	2	Bolt-Flanged
❸172	172G0818	4	Bolt-Stud

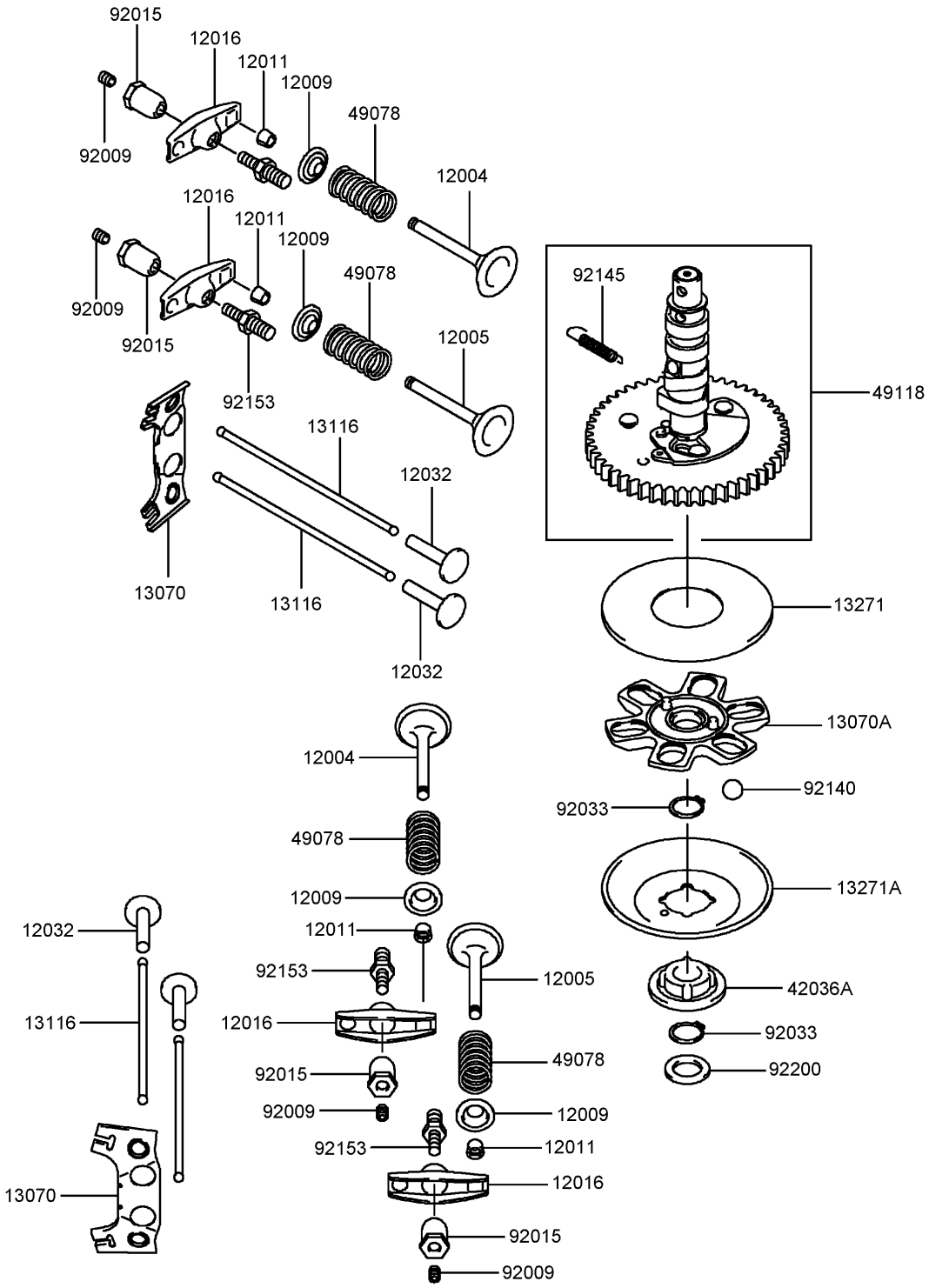
Piston and Crankshaft Assembly
Kawasaki FH541V-BS23-R



Piston and Crankshaft Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸13001	13001-7010	2	Piston-Engine
❸13002	13002-7001	2	Pin-Piston
❸13008	13008-6060	2	Ring Set-Piston
❸13031	13031-7036	1	Crankshaft
❸13251	13251-7010	2	Connecting Rod ASM
❸92033	92033-7005	4	Ring-Snap
❸92151	92151-7017	4	Bolt (6X35)

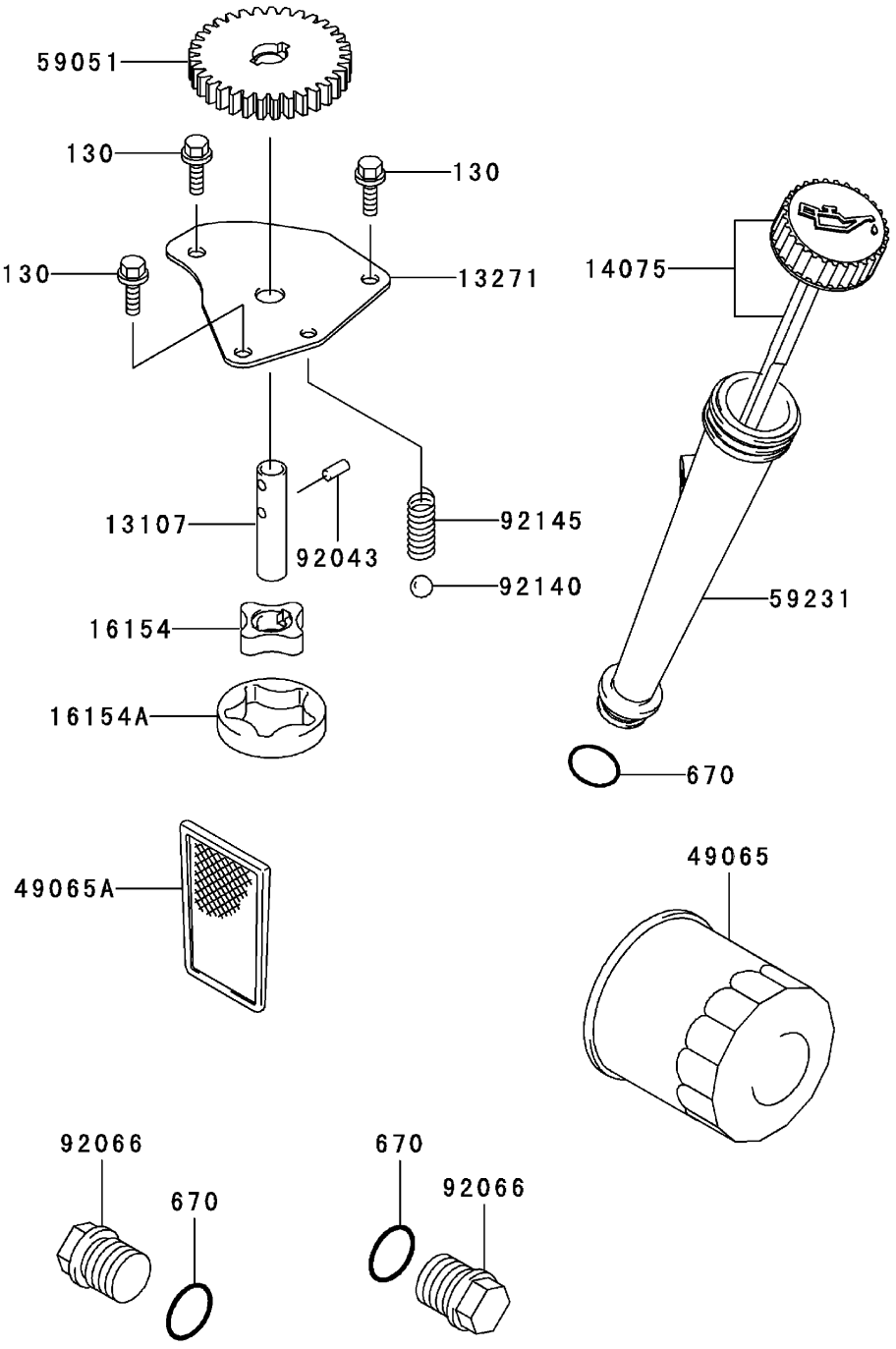
Valve and Camshaft Assembly
Kawasaki FH541V-BS23-R



Valve and Camshaft Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸12004	12004-7003	2	Valve-Intake
❸12005	12005-7003	2	Valve-Exhaust
❸12009	12009-7001	4	Retainer-Spring, Valve
❸12011	12011-2056	8	Collet
❸12016	12016-7001	4	Arm-Rocker
❸12032	12032-7001	4	Tappet
❸13070	13070-7001	2	Guide
❸13070A	13070-7004	1	Guide
❸13116	13116-2057	4	Rod-Push
❸13271	13271-7007	1	Plate
❸13271A	13271-7021	1	Plate-Governor
❸42036A	42036-7010	1	Sleeve
❸49078	49078-7001	4	Spring-Valve, Engine
❸49118	49118-7004	1	Camshaft
❸92009	92009-2341	4	Screw
❸92015	92015-2253	4	Nut
❸92033	92033-7001	2	Ring-Snap
❸92140	92140-7002	6	Ball
❸92145	92145-7001	1	Spring
❸92153	92153-7019	4	Bolt
❸92200	92200-7001	1	Washer

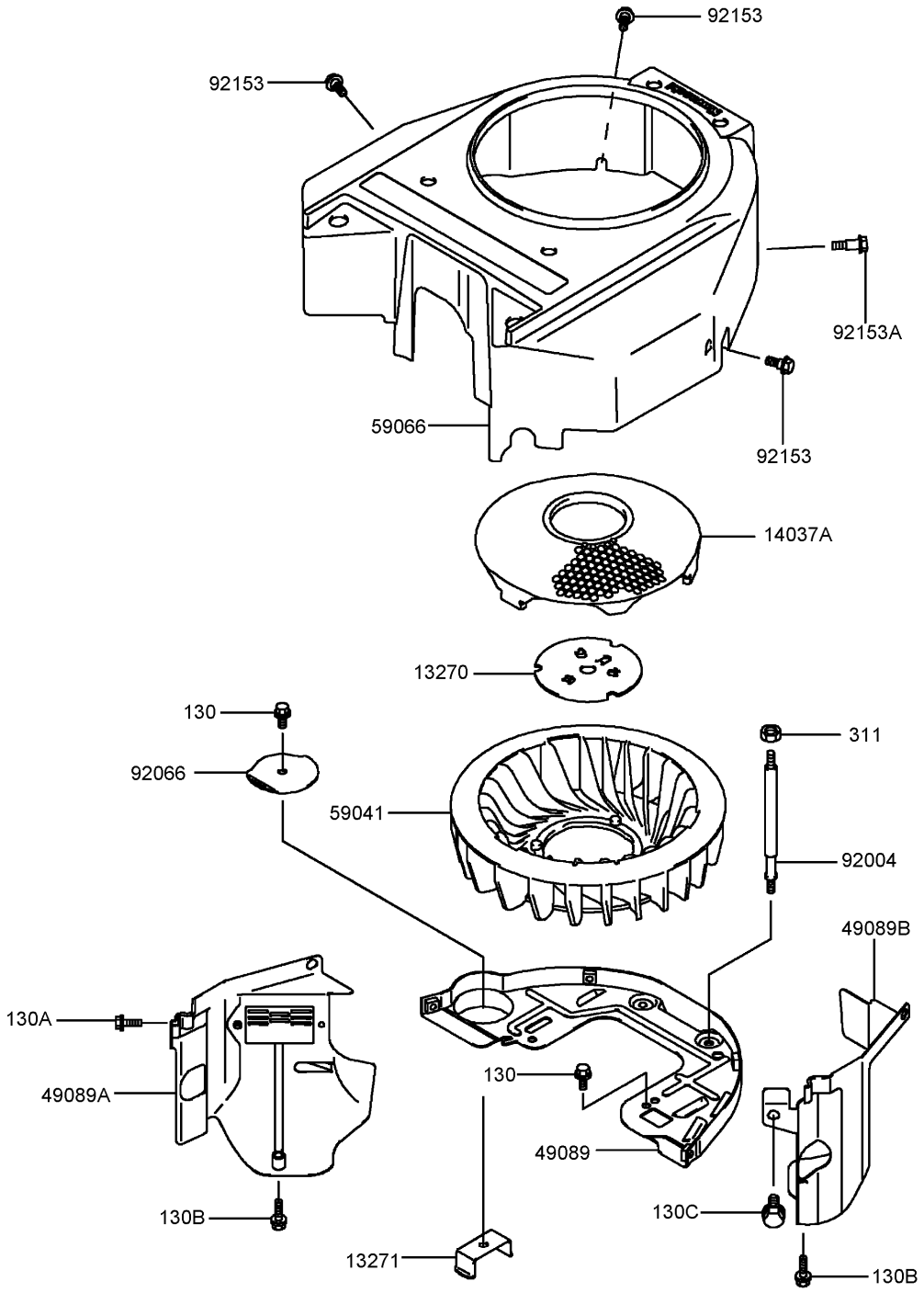
Lubrication Equipment Assembly
Kawasaki FH541V-BS23-R



Lubrication Equipment Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸13107	13107-7009	1	Shaft
❸13271	13271-7017	1	Plate
❸14075	14075-7009	1	Cap ASM
❸16154	16154-2053	1	Rotor-Pump (In)
❸16154A	16154-2054	1	Rotor-Pump (Out)
❸49065	49065-2078	1	Filter-Oil
❸49065A	49065-7004	1	Filter-Oil
❸59051	59051-7011	1	Gear-Spur
❸59231	59231-7005	1	Filler
❸92043	92043-7003	2	Pin
❸92066	92066-7003	2	Plug
❸92140	92140-7003	1	Ball
❸92145	92145-7002	1	Spring
❸130	130B0612	3	Bolt-Flanged
❸670	670D2016	3	O-Ring (16Mm)

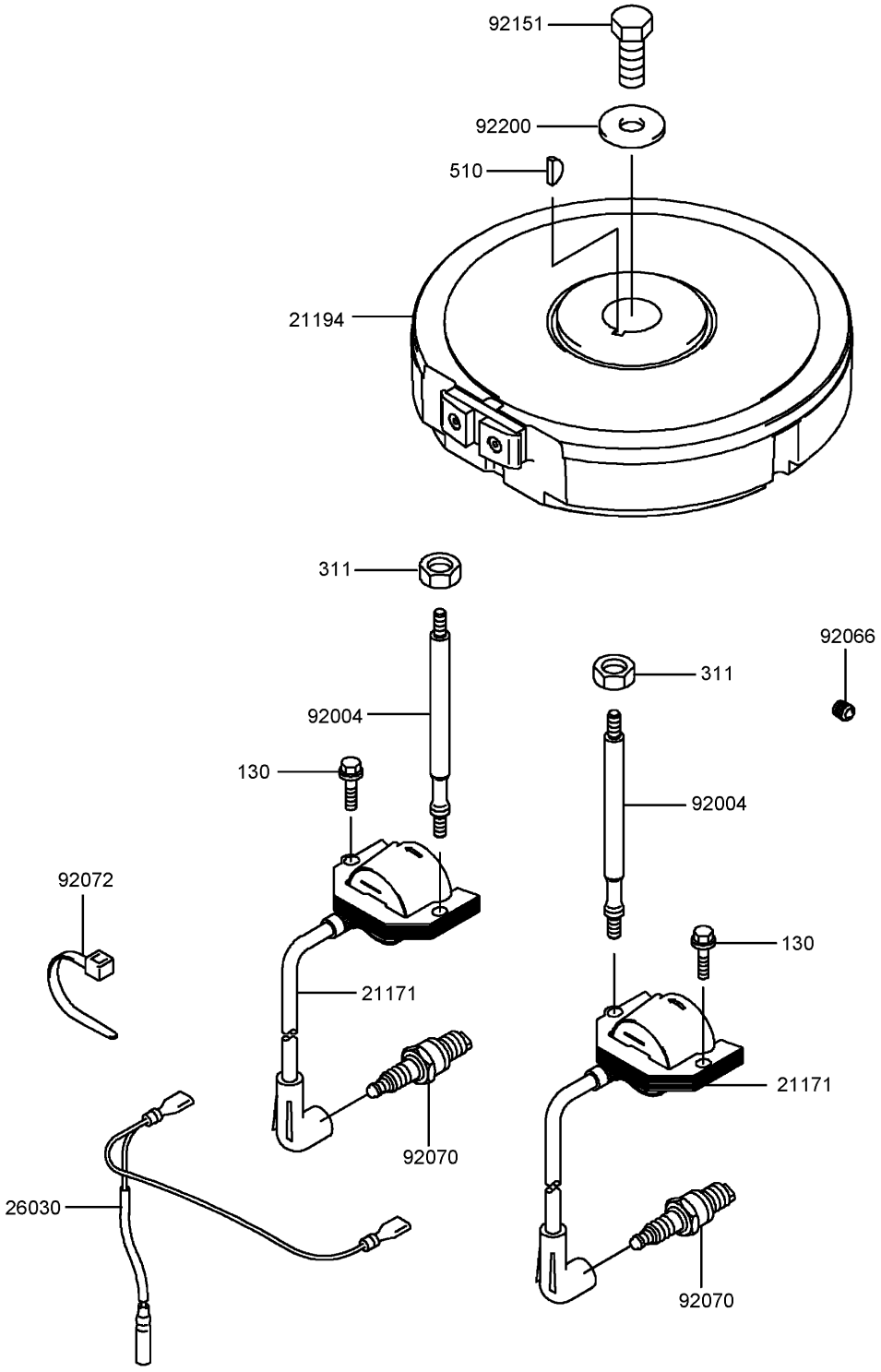
Cooling Equipment Assembly
Kawasaki FH541V-BS23-R



Cooling Equipment Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸13270	13270-7007	1	Plate
❸13271	13271-7002	1	Plate
❸14037A	14037-7025-9H	1	Screen
❸49089	49089-7032	1	Shroud-Engine
❸49089A	49089-7042	1	Shroud-Engine
❸49089B	49089-7043	1	Shroud-Engine
❸59041	59041-7010	1	Fan
❸59066	59066-7024	1	Housing-Fan
❸92004	92004-7006	2	Stud
❸92066	92066-7004	1	Plug
❸92153	92153-7007	3	Bolt
❸92153A	92153-7008	1	Bolt
❸130	130B0612	3	Bolt-Flanged
❸130A	130B0616	2	Bolt-Flanged
❸130B	130B0625	2	Bolt-Flanged
❸130C	130B0816	1	Bolt-Flanged
❸311	311B0600	2	Nut-Hex

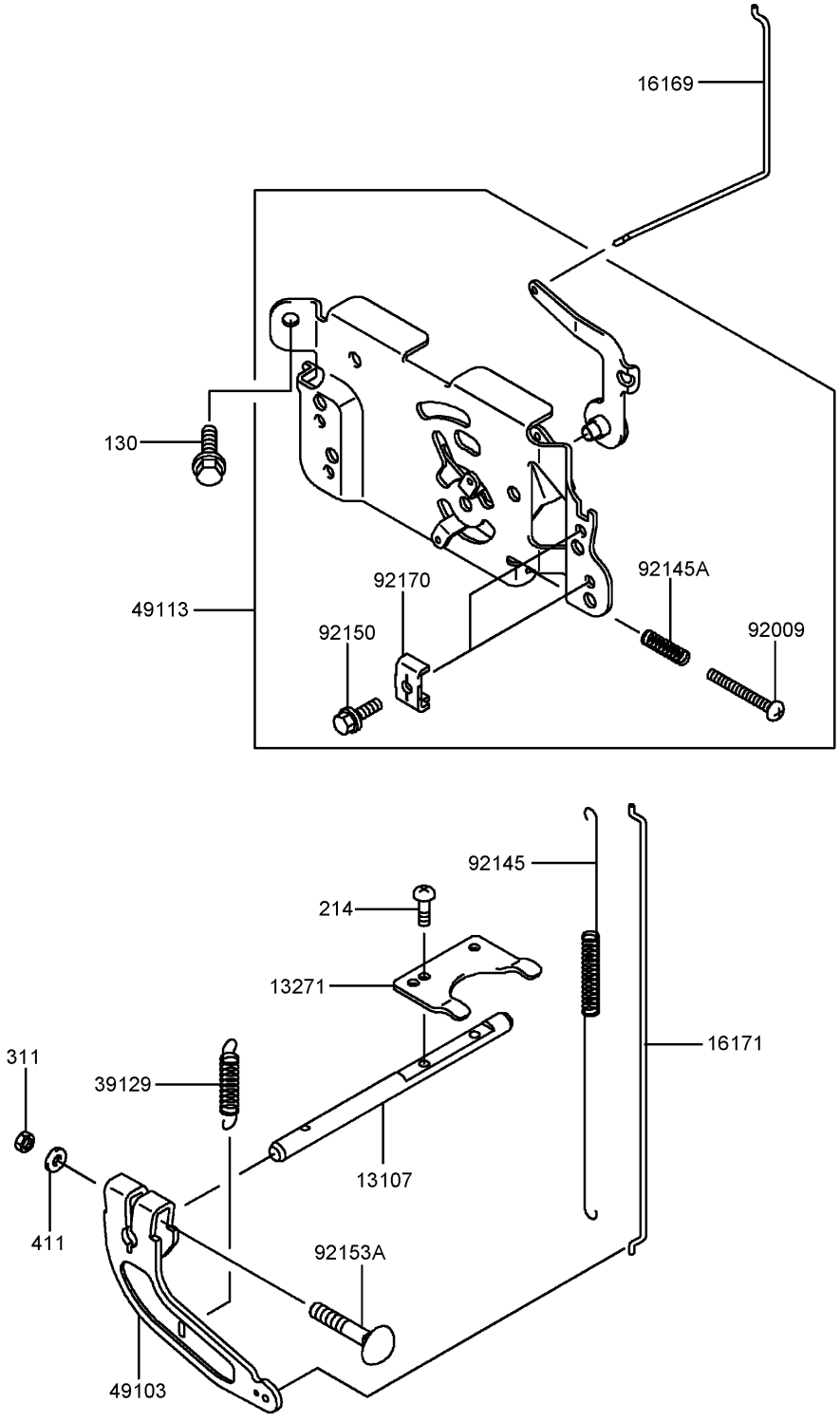
Electric Equipment Assembly
Kawasaki FH541V-BS23-R



Electric Equipment Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸21171	21171-7013	2	Ignition Coil ASM
❸21194	21194-7002	1	Flywheel
❸26030	26030-7001	1	Harness
❸92004	92004-7009	2	Stud
❸92066	92066-7002	1	Plug
❸92070	92070-7003	2	Plug-Spark (Rcj8Y, Solid)
❸92072	92072-7003	2	Band
❸92151	92151-2097	1	Bolt (12X30)
❸92200	92200-7002	1	Washer
❸130	130B0620	2	Bolt-Flanged
❸311	311B0600	2	Nut-Hex
❸510	510A5100	1	Key-Woodruff

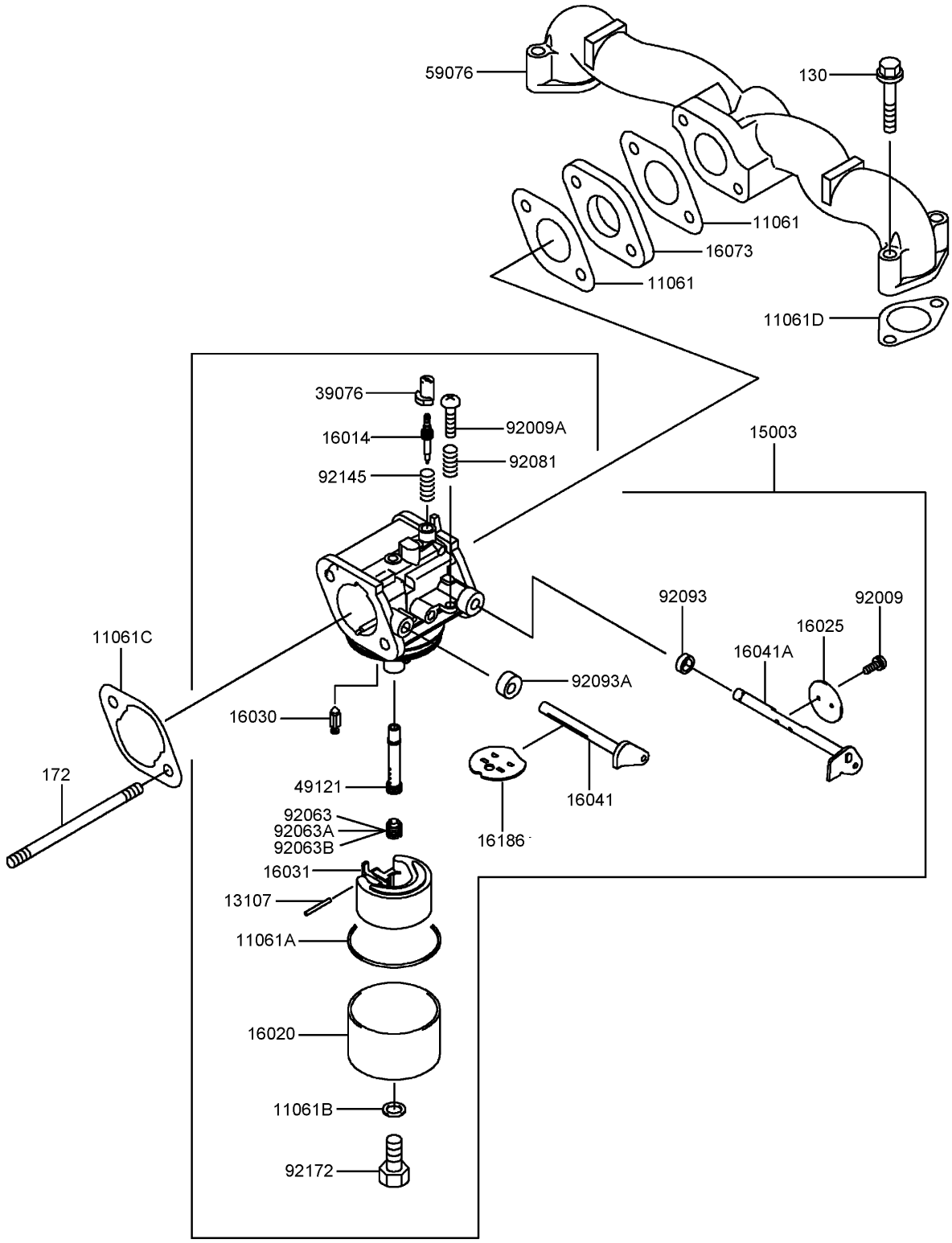
Control Equipment Assembly
Kawasaki FH541V-BS23-R



Control Equipment Assembly
Kawasaki FH541V-BS23-R

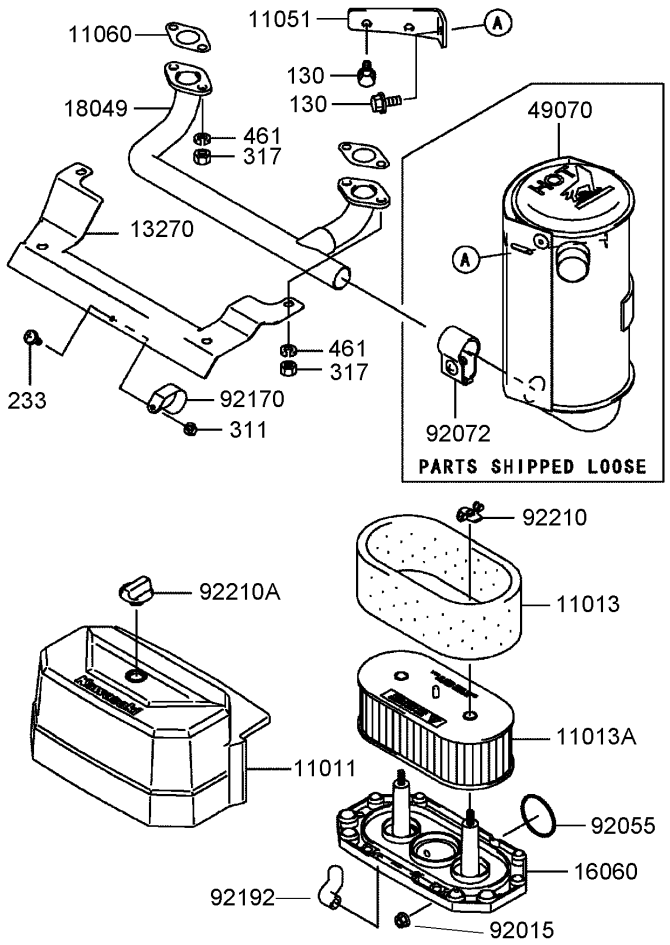
Ref	Part No.	Qty.	Description
❸13107	13107-7010	1	Shaft
❸13271	13271-7018	1	Plate
❸16169	16169-7010	1	Link-Choke
❸16171	16171-7001	1	Link
❸39129	39129-7003	1	Spring-Governor
❸49103	49103-7004	1	Arm-Governor
❸49113	49113-7024	1	Panel-Control
❸92009	92009-7007	1	Screw (4X35)
❸92145	92145-7003	1	Spring
❸92145A	92145-7005	1	Spring
❸92150	92150-2182	2	Bolt (5X18)
❸92153A	92153-7033	1	Bolt (6X35)
❸92170	92170-7001	2	Clamp
❸130	130B0612	2	Bolt-Flanged
❸214	214B0408	2	Screw-Pan
❸311	311B0600	1	Nut-Hex
❸411	411b0600	1	Washer-Plain

Carburetor Assembly
Kawasaki FH541V-BS23-R



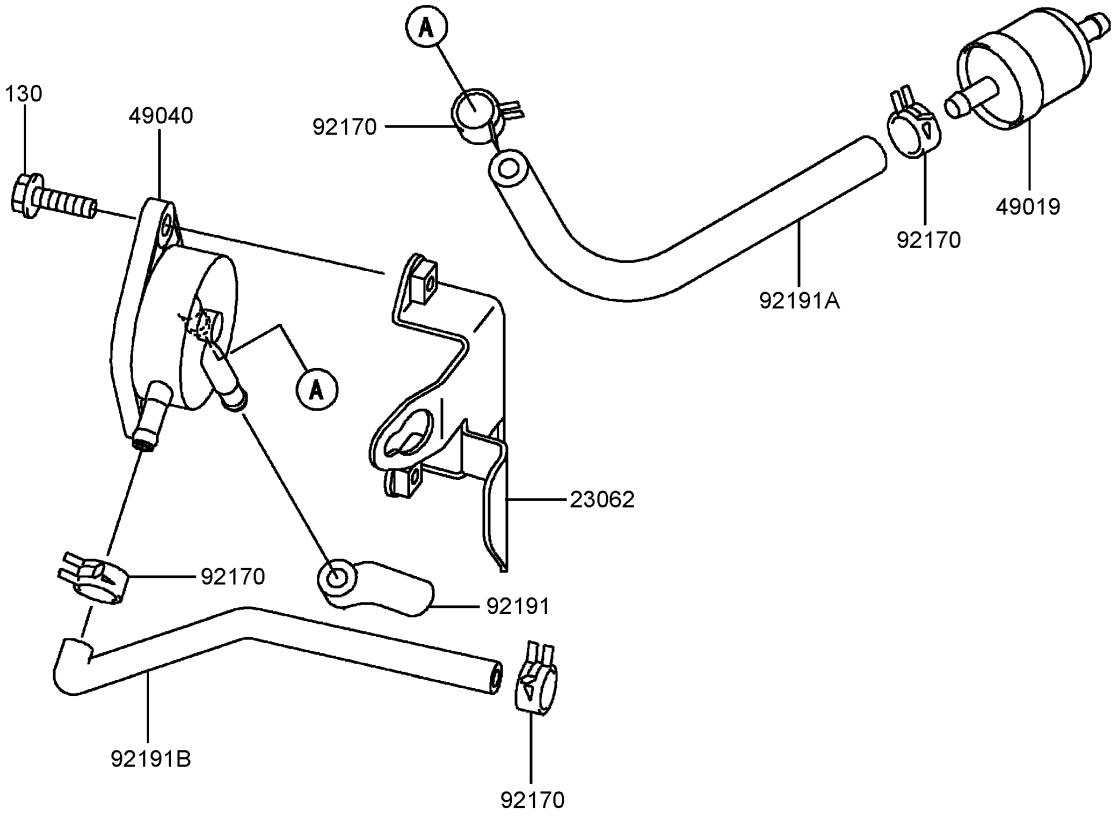
Carburetor Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸11061	11061-7004	2	Gasket-Insulator
❸11061A	11061-7009	1	Gasket-Chamber
❸11061B	11061-7010	1	Gasket-Screw
❸11061C	11061-7018	1	Gasket-Cleaner, Air
❸11061D	11061-7019	2	Gasket
❸13107	13107-7018	1	Shaft
❸15003	15003-7107	1	Carburetor ASM
❸16014	16014-7007	1	Screw-Air, Pilot
❸16020	16020-7003	1	Chamber-Float
❸16025	16025-7006	1	Valve-Throttle
❸16030	16030-7003	1	Valve-Float
❸16031	16031-7002	1	Float
❸16041	16041-7016	1	Shaft-Choke, Carburetor
❸16041A	16041-7018	1	Shaft-Throttle, Carburetor
❸16073	16073-7007	1	Insulator
❸16186	16186-7004	1	Choke Valve ASM
❸39076	39076-7001	1	Limiter
❸49121	49121-7010	1	Nozzle-Main
❸59076	59076-7001	1	Manifold-Intake
❸92009	92009-2083	2	Screw
❸92009A	92009-2349	1	Screw
❸92063	92063-7062	1	Jet-Main, No.110
❸92063A	92063-7065	1	Jet-Main, No.112
❸92063B	92063-7066	1	Jet-Main, No.108
❸92081	92081-2234	1	Spring
❸92093	92093-2100	1	Seal
❸92093A	92093-7003	1	Seal
❸92145	92145-7015	1	Spring
❸92172	92172-7002	1	Screw
❸130	130B0635	4	Bolt-Flanged
❸172	172G0690	2	Bolt-Stud



Air Filter and Muffler Assembly
Kawasaki FH541V-BS23-R

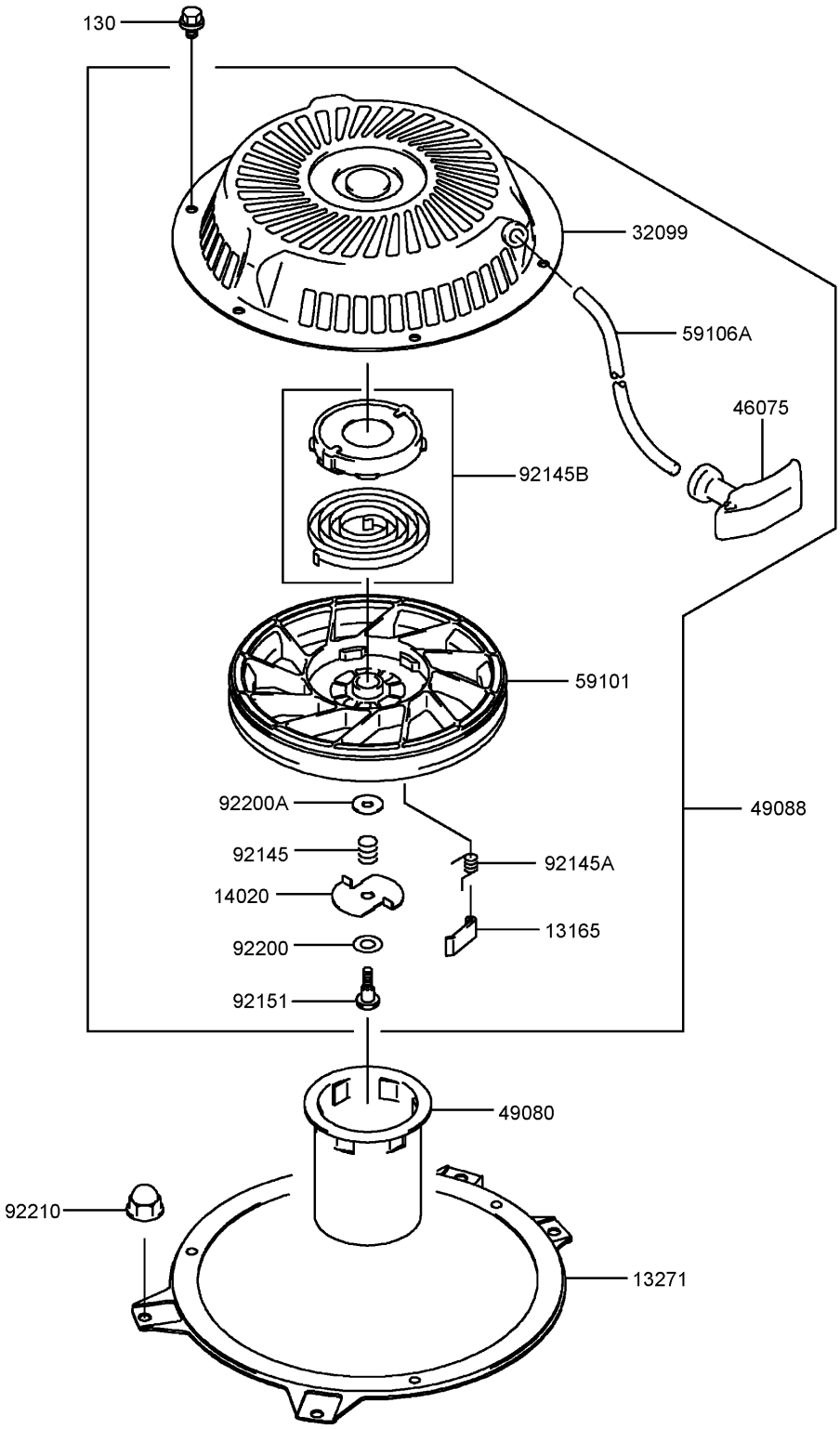
Ref	Part No.	Qty.	Description
❸11011	11011-7036	1	Case-Airfilter
❸11013	11013-7025	1	Element-Filter, Air
❸11013A	11013-7031	1	Element-Filter, Air
❸11051	11051-7005-9H	1	Bracket
❸11060	11060-7021	2	Gasket-Muffler
❸13270	13270-7008	1	Plate
❸16060	16060-7016	1	Pipe-Intake
❸18049	18049-7001	1	Pipe-Exhaust
❸49070	49070-7015	1	Muffler
❸92015	92015-1193	2	Nut
❸92055	92055-7015	1	Ring-O
❸92072	92072-7008	1	Band
❸92170	92170-7002	1	Clamp
❸92192	92192-7010	1	Tube
❸92210	92210-7004	2	Nut
❸92210A	92210-7019	1	Nut
❸130	130B0816	2	Bolt-Flanged
❸233	233B0416	1	Screw
❸311	311B0400	1	Nut-Hex
❸317	317R0800	4	Nut-Hex
❸461	461F0800	4	Washer-Spring



Fuel Tank and Valve Assembly
Kawasaki FH541V-BS23-R

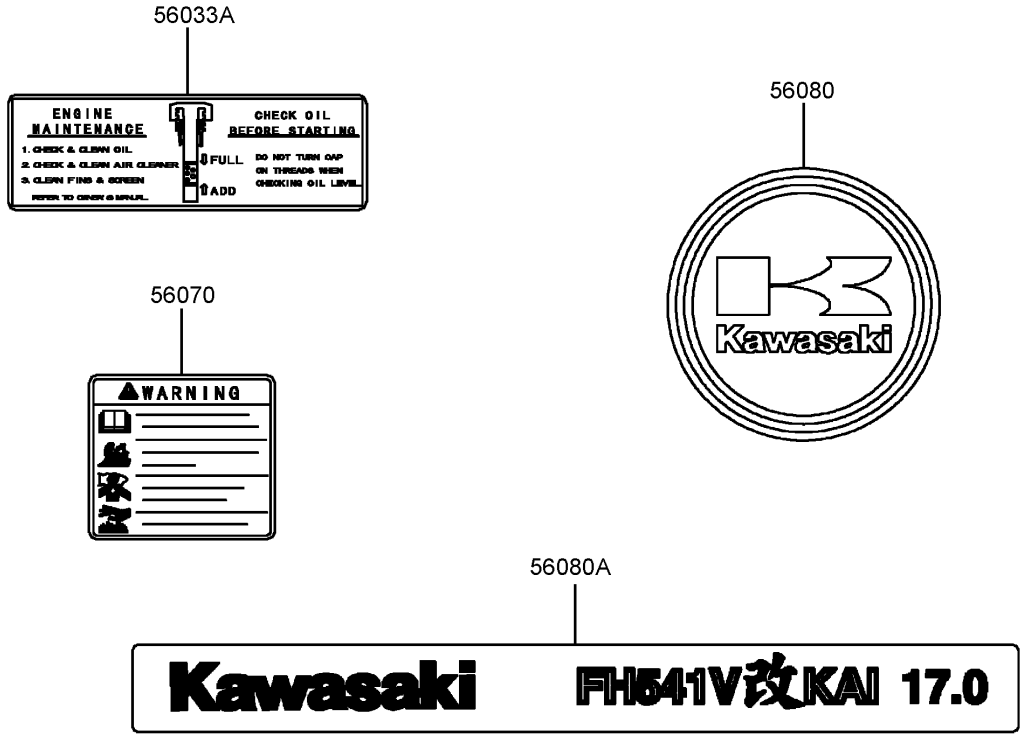
Ref	Part No.	Qty.	Description
❸23062	23062-7004-9H	1	Bracket
❸49019	49019-7001	1	Filter-Fuel
❸49040	49040-7001	1	Pump-Fuel
❸92170	92170-2088	4	Clamp
❸92191	92191-7002	1	Tube
❸92191A	92191-7003	1	Tube (6.35X12.7X160)
❸92191B	92191-7004	1	Tube
❸130	130B0620	2	Bolt-Flanged

Starter Assembly
Kawasaki FH541V-BS23-R



Starter Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸13165	13165-7001	2	Pawl-Starter, Recoil
❸13271	13271-7003-9H	1	Plate
❸14020	14020-7001	1	Retainer
❸32099	32099-7002	1	Case-Recoil, Starter
❸46075	46075-7001	1	Grip-Recoil, Starter
❸49080	49080-7001	1	Pulley-Starting
❸49088	49088-7013	1	Starter-Recoil
❸59101	59101-7001	1	Reel-Recoil
❸59106A	59106-7005	1	Rope
❸92145	92145-7006	1	Spring
❸92145A	92145-7007	2	Spring
❸92145B	92145-7008	1	Spring
❸92151	92151-7008	1	Bolt
❸92200	92200-7004	1	Washer
❸92200A	92200-7005	1	Washer
❸92210	92210-0003	4	Nut
❸130	130B0608	3	Bolt-Flanged



Label Assembly
Kawasaki FH541V-BS23-R

Ref	Part No.	Qty.	Description
❸56033A	56033-7003	1	Label-Manual
❸56070	56070-7001	1	Label-Warning
❸56080	56080-2077	1	Label-Brand
❸56080A	56080-7023	1	Label-Brand

Attachments and Accessories

For 30989 - Commercial Walk-Behind Mower, Fixed Deck Pistol Grip Hydro with 52in TURBO FORCE Cutting Unit

Product Name	Model/Part
Blade-Recycler, 18 Inch	105-7779-03
Blade-Med Flow, 18 Inch	105-7794-03
Blade-Low Flow, 18 Inch	105-7795-03
Blade-Atomic, 18 Inch	105-7796-03
Turbo Baffle Kit	107-1634
52 Inch Recycler Kit	110-2040
Weight Kit	110-2085
Soft Bag (3 Bushel)	30104
Sulky	30109

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TORO®