



Commercial Walk-Behind Mower Fixed Deck, Pistol Grip, Hydro Drive with 48in TURBO FORCE® Cutting Unit

Model No. 39988 - 280000001 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

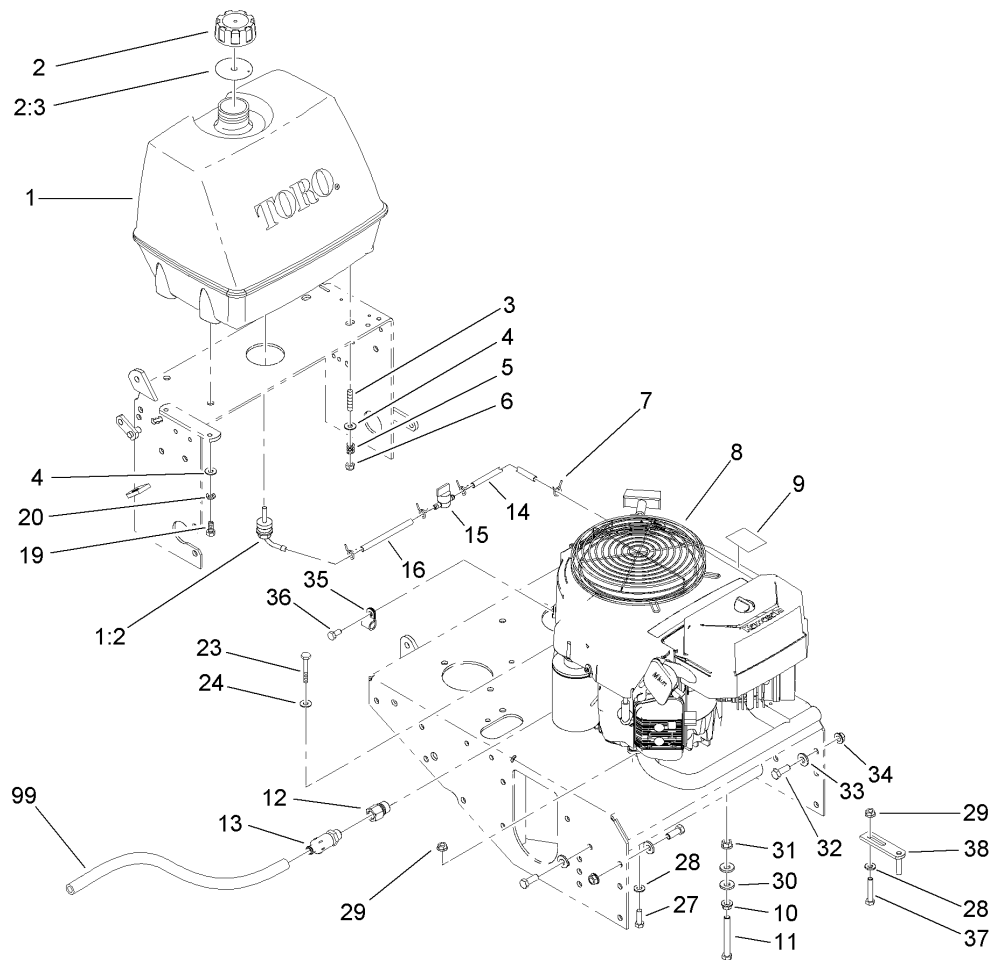
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

- ❶ Not illustrated
- ❸ Obtain from your local Kawasaki dealer

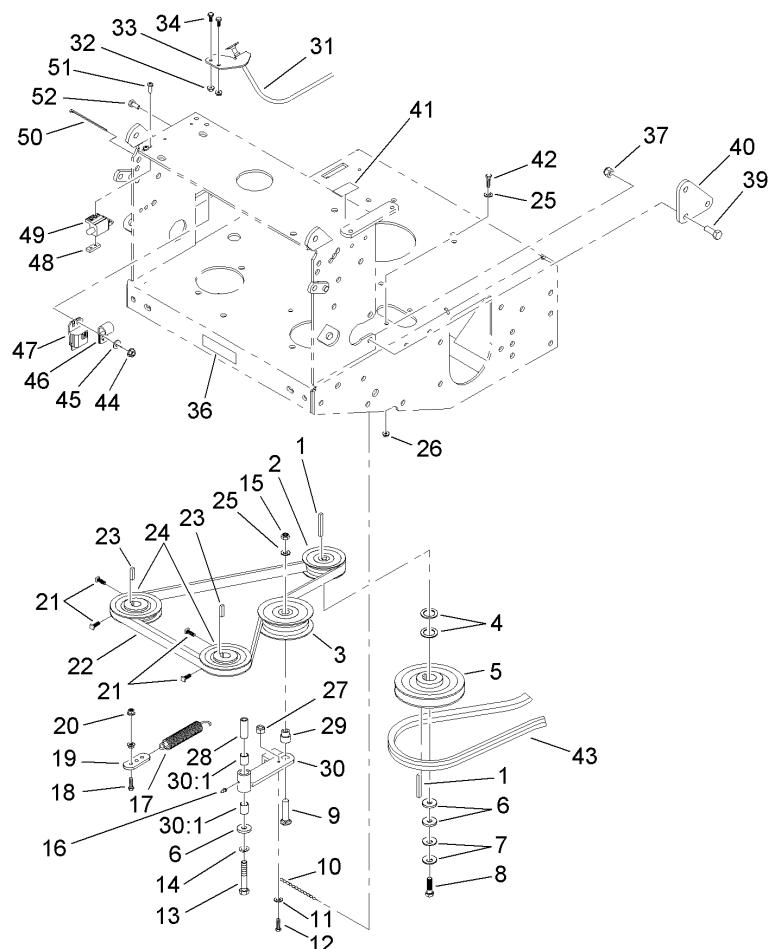
- ❷ Not serviced separately



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
8	1-303077	1	Engine-Kawasaki, FH541V-Ds23
9	106-0699	1	Decal-Warning
10	3290-357	1	Nut-HHF, Whiz
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
27	322-7	3	Screw-HH
28	1-303334	4	Washer-Spring

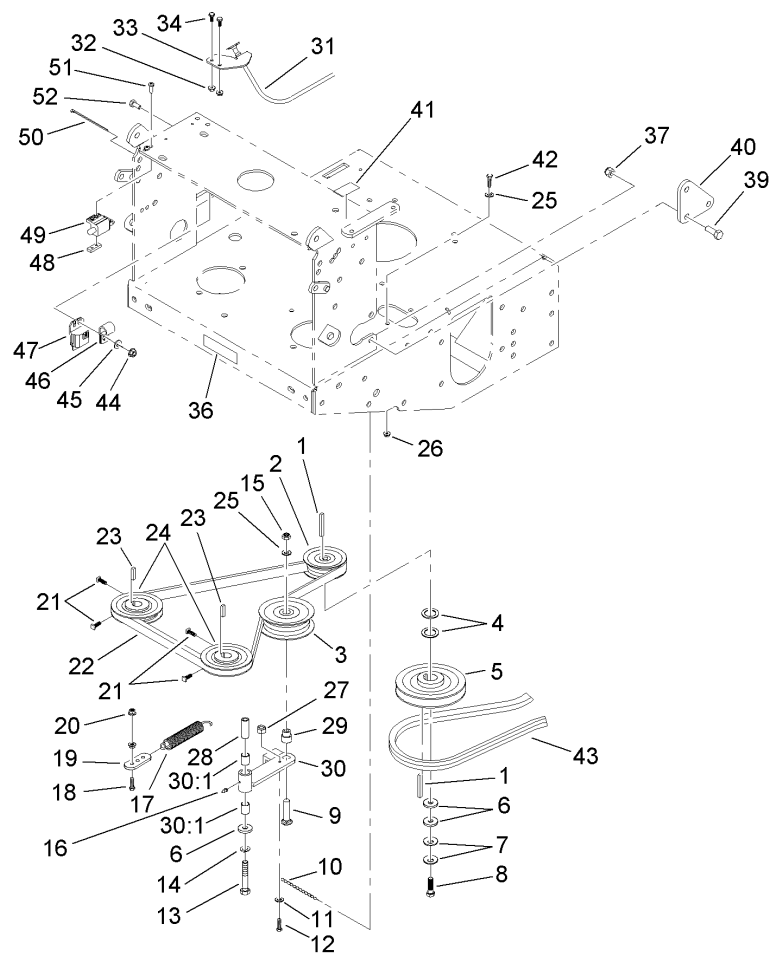
Ref	Part No.	Qty.	Description
29	32128-20	4	Nut-HF
30	98-5975	2	Washer-Belleville
31	32128-21	1	Nut-HF
32	323-6	8	Screw-HH
33	98-5975	8	Washer-Belleville
34	3290-357	8	Nut-HHF, Whiz
35	1-413510	1	Clip-Loom
36	33114-016	1	Screw-HH
37	322-9	1	Screw-HH
38	1-322110	1	Guide-Belt
99	103-1964	1	Hose-Drain, Oil



Drive Assembly

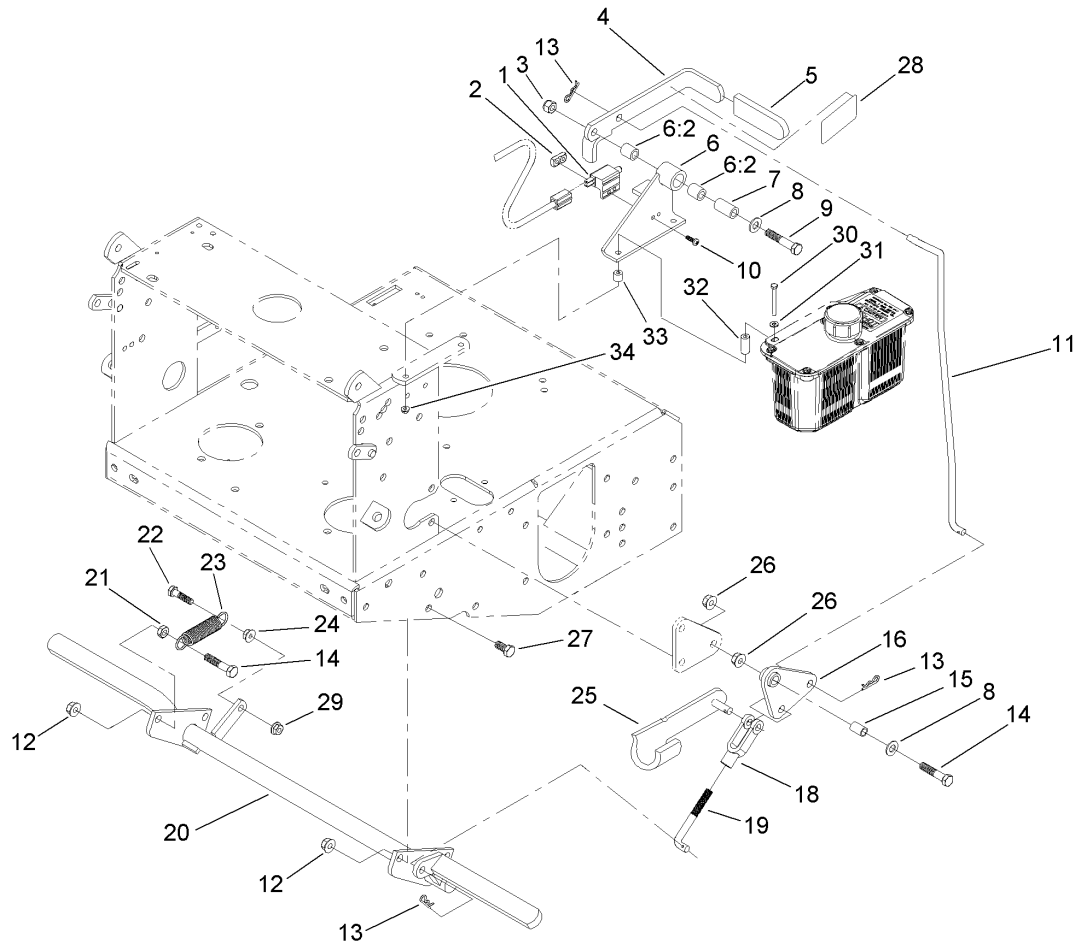
Ref	Part No.	Qty.	Description
1	1-807259	2	Key
2	1-653035	1	Pulley
3	1-603843	1	Pulley-Idler
4	1-523157	2	Washer-Spacer
5	110-4890	1	Pulley ASM
6	1-373034	3	Washer
7	1-603610	2	Washer-Spring
8	3212-6	1	Screw-HH
9	3231-29	1	Screw-CARR
10	1-323365	1	Chain-Link, Twist
11	3256-14	1	Washer-Flat
12	1-809069	1	Screw-HSH
13	323-12	1	Screw-HH
14	1-373034	1	Washer
15	32128-21	1	Nut-HF
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
23	1-807272	2	Key
24	1-413010	2	Sheave ASM

Ref	Part No.	Qty.	Description
25	3256-24	2	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	2	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	110-0543	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



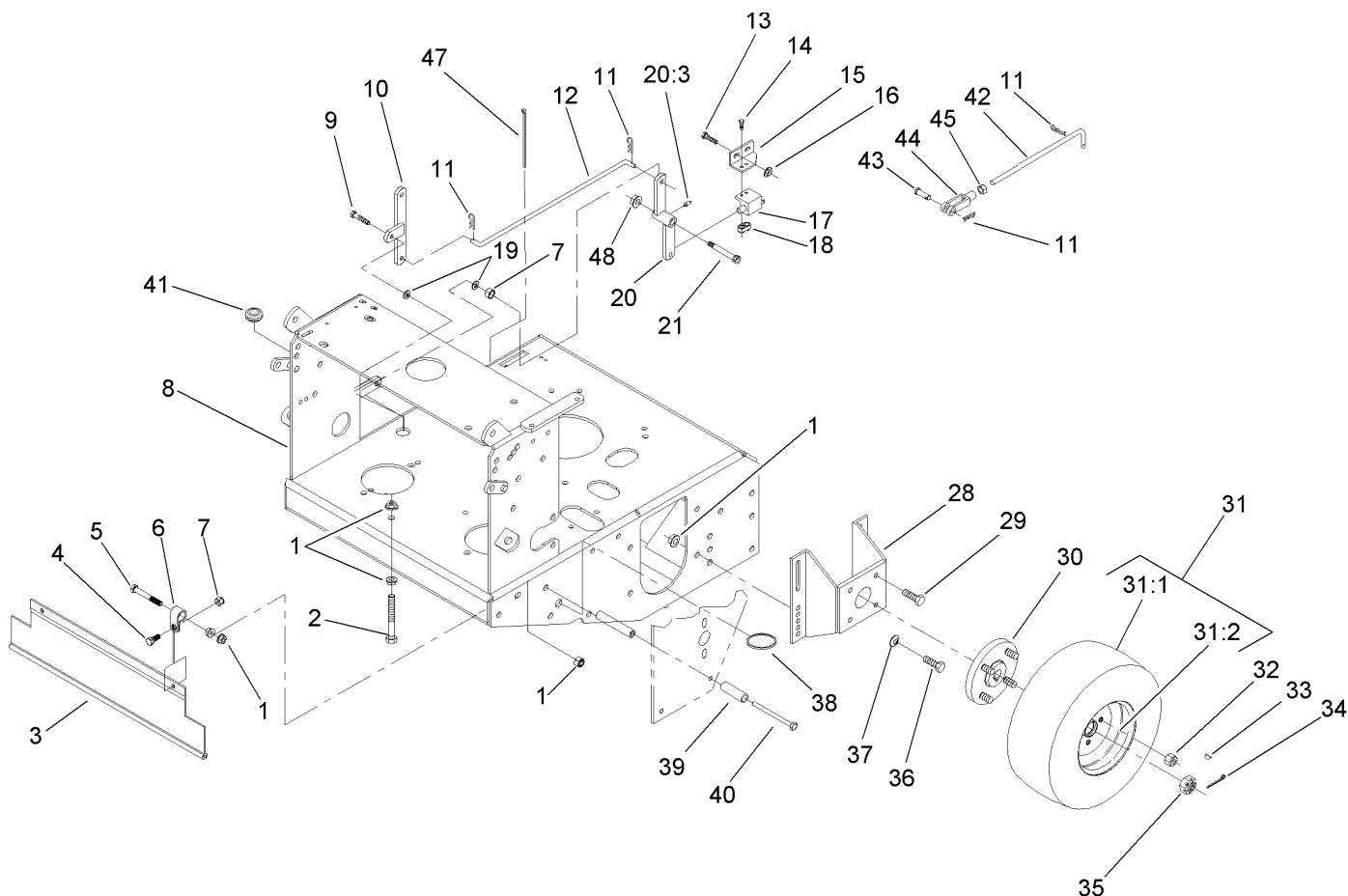
Drive Assembly (continued)

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Parking Brake Assembly

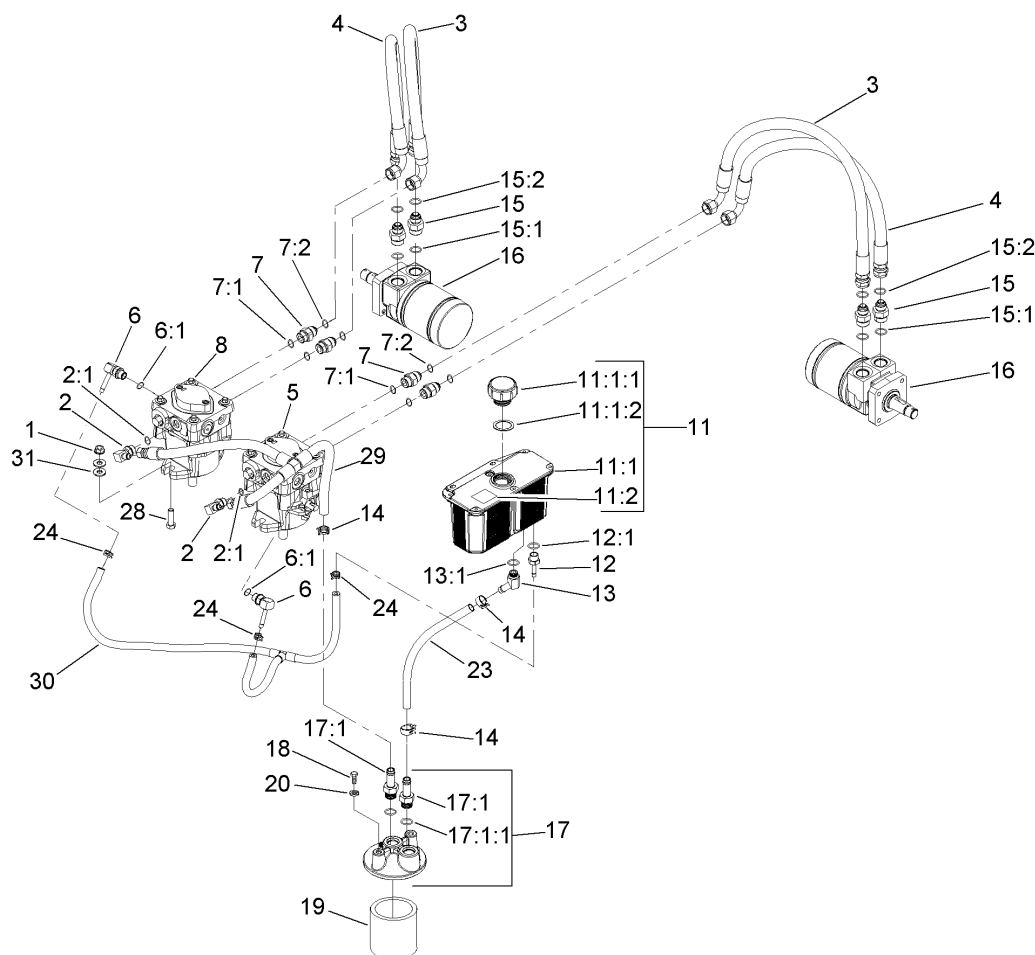
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-513051	1	Switch-Open, Normally	25	103-2399	1	Pin-Spring, Clevis
2	1-633181	1	Plate-Tapped	26	32128-21	2	Nut-HF
3	3296-39	1	Nut-Lock, NI	27	323-6	3	Screw-HH
4	1-412501-03	1	Lever-Parkbrake	28	103-2103	1	Decal-Brake, Park
5	1-303020	1	Grip-Lever	29	3296-29	1	Nut-Lock, NI
6	1-414504	1	Bracket ASM	30	321-23	2	Screw-HH
6:2	1-413347	2	Sleeve-Bushing	31	3256-22	2	Washer-Flat
7	1-413344	1	Bushing-Pivot	32	103-2191	2	Spacer
8	3256-24	2	Washer-Flat	33	1-323549	2	Spacer
9	323-10	1	Screw-HH	34	32128-33	2	Nut-HF
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				



Frame and Wheel Assembly

Ref	Part No.	Qty.	Description
1	3290-357	15	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

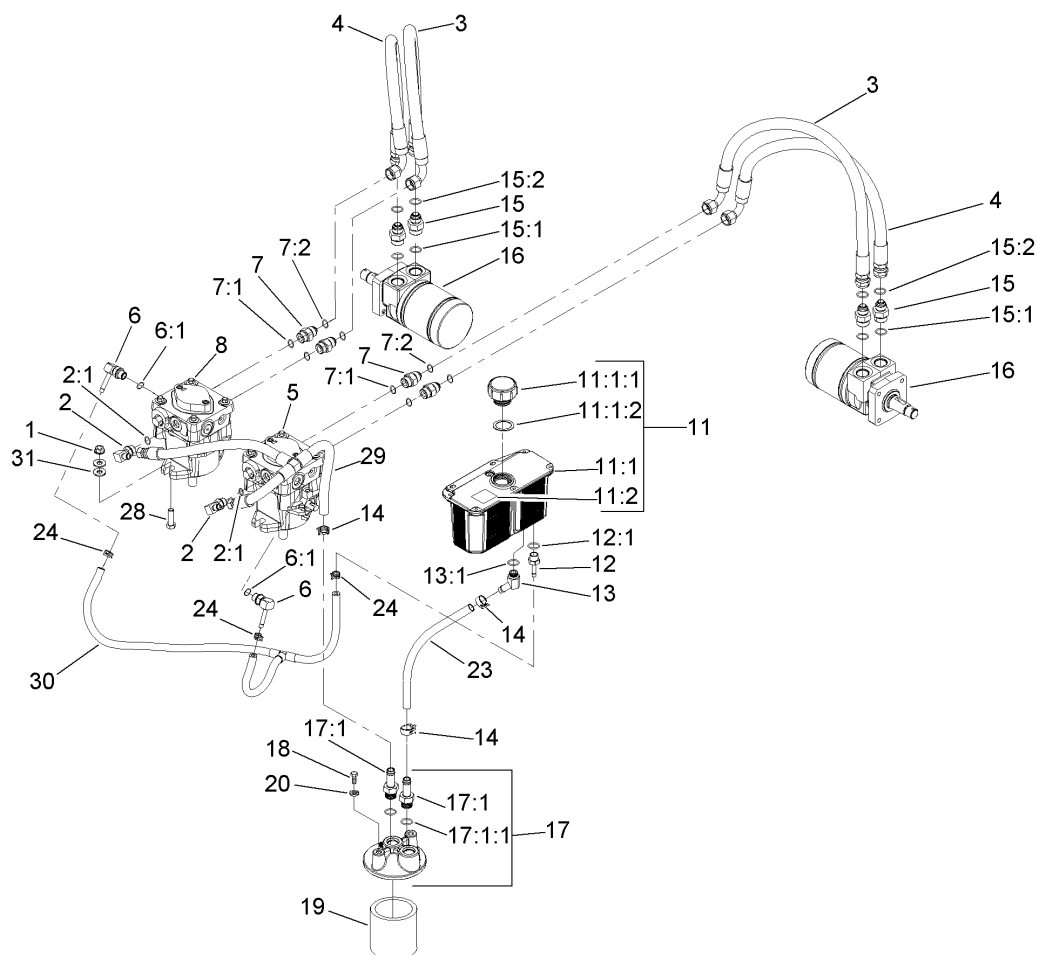
Ref	Part No.	Qty.	Description
30	1-602997	2	Hub ASM W/Studs
31	1-613263	2	Wheel And Tire ASM
31:1	1-613264	1	Tire-Turfmaster
31:2	1-603715	1	Wheel-Rim
32	242-50	8	Nut-Lug
33	1-807019	2	Key-Woodruff
34	1-806800	2	Pin-Cotter
35	32136-5	2	Nut-Hex, Slotted
36	323-6	8	Screw-HH
37	98-5975	8	Washer-Belleville
38	1-323366	1	Ring-Split
39	105-4820	1	Spacer-Short
40	323-23	1	Screw-HH
41	1-543296	1	Grommet
42	1-323174	1	Arm-Linkage, Assist
43	1-808280	1	Pin-Clevis
44	1-303105	1	Yoke-Adjustable
45	3219-2	1	Nut-Hex
47	1-303287	2	Tie-Plastic
48	32128-21	1	Nut-HF



Hydraulic Assembly

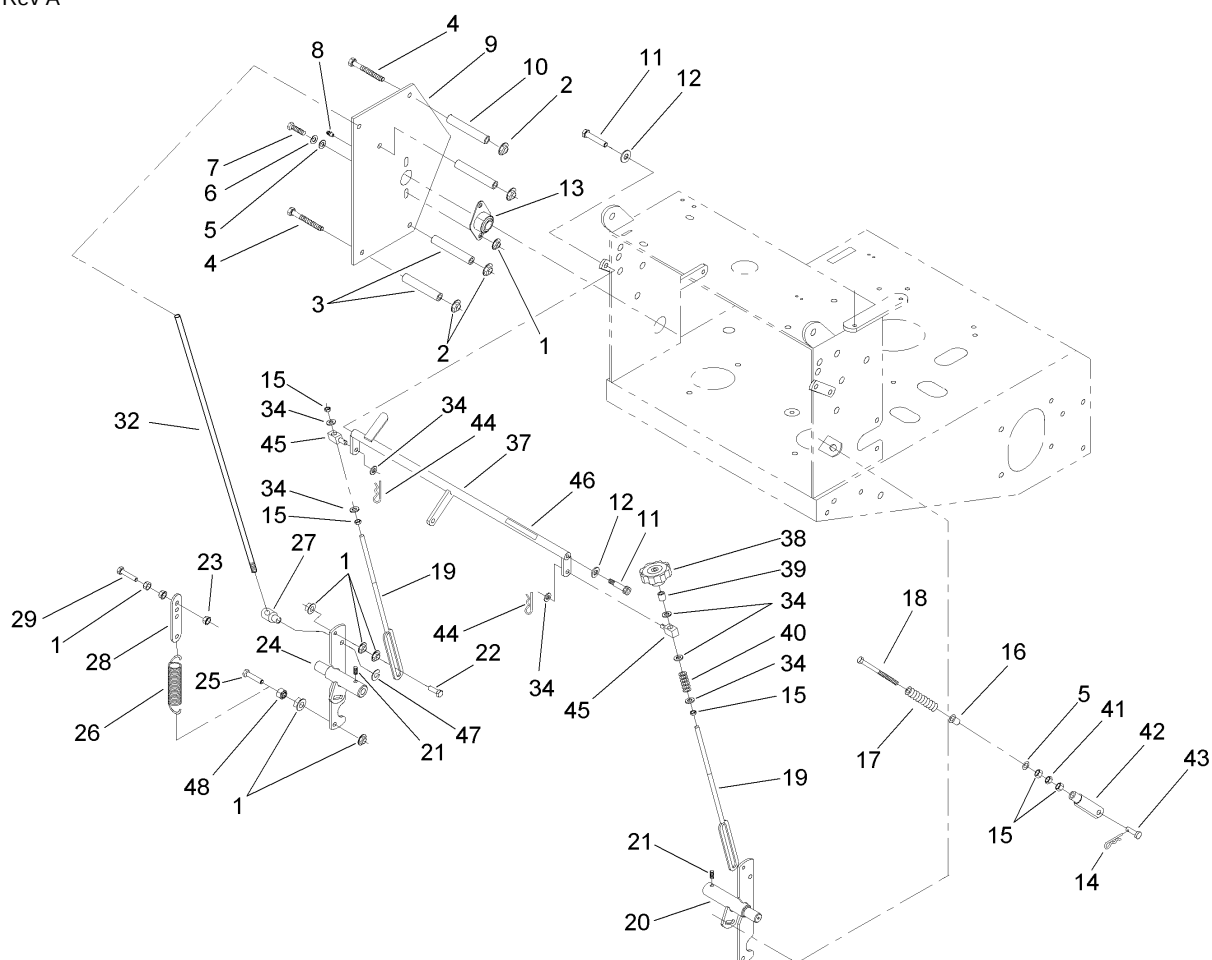
Ref	Part No.	Qty.	Description
1	3290-357	4	Nut-HHF, Whiz
2	103-1802	2	Fitting-HYD, 90 DEG
2:1	1-603921	1	O-Ring
3	1-323241	2	Hose-Pressure, High
4	1-613034	2	Hose-Pressure, High
5	109-4987	1	Pump-HYD
●5:1	103-2664	1	Input Shaft Kit
●5:2	94-6922	1	Bearing-Thrust
●5:3	103-2666	1	Cylinder Block Kit
●5:4	105-6185	1	Plate-Valve
●5:5	105-6184	1	Seal 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	109-4988	1	Pump-HYD
●8:1	103-2664	1	Input Shaft Kit
●8:2	94-6922	1	Bearing-Thrust
●8:3	103-2666	1	Cylinder Block Kit
●8:4	105-6185	1	Plate-Valve
●8:5	105-6184	1	Seal Kit
11	103-1947	1	HYD Reservoir ASM
●11:1		1	Reservoir-HYD

Ref	Part No.	Qty.	Description
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
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
●16:1	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



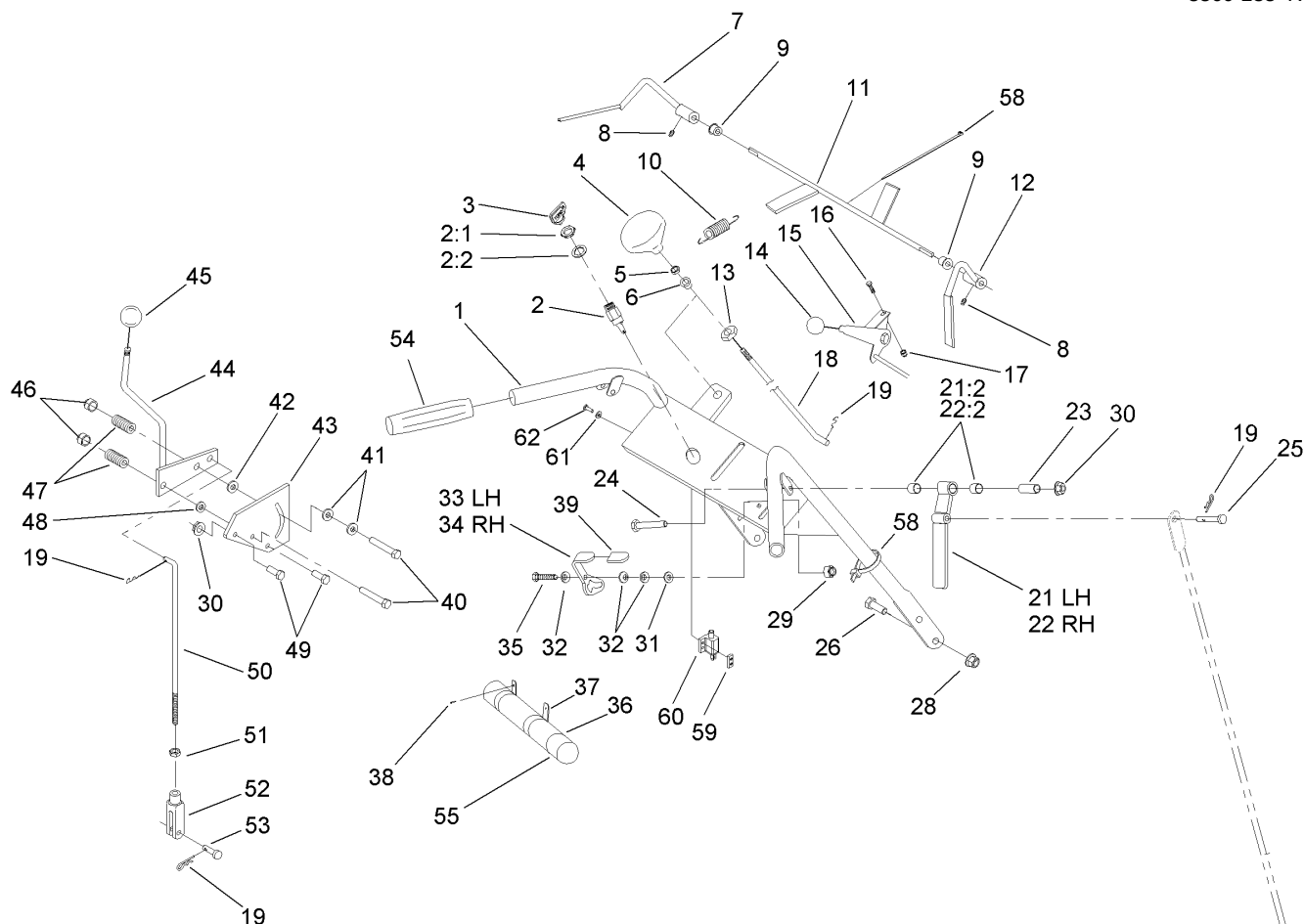
Hydraulic Assembly (continued)

Ref	Part No.	Qty.	Description
31	3256-3	8	Washer-Flat



Pivot and Linkage Assembly

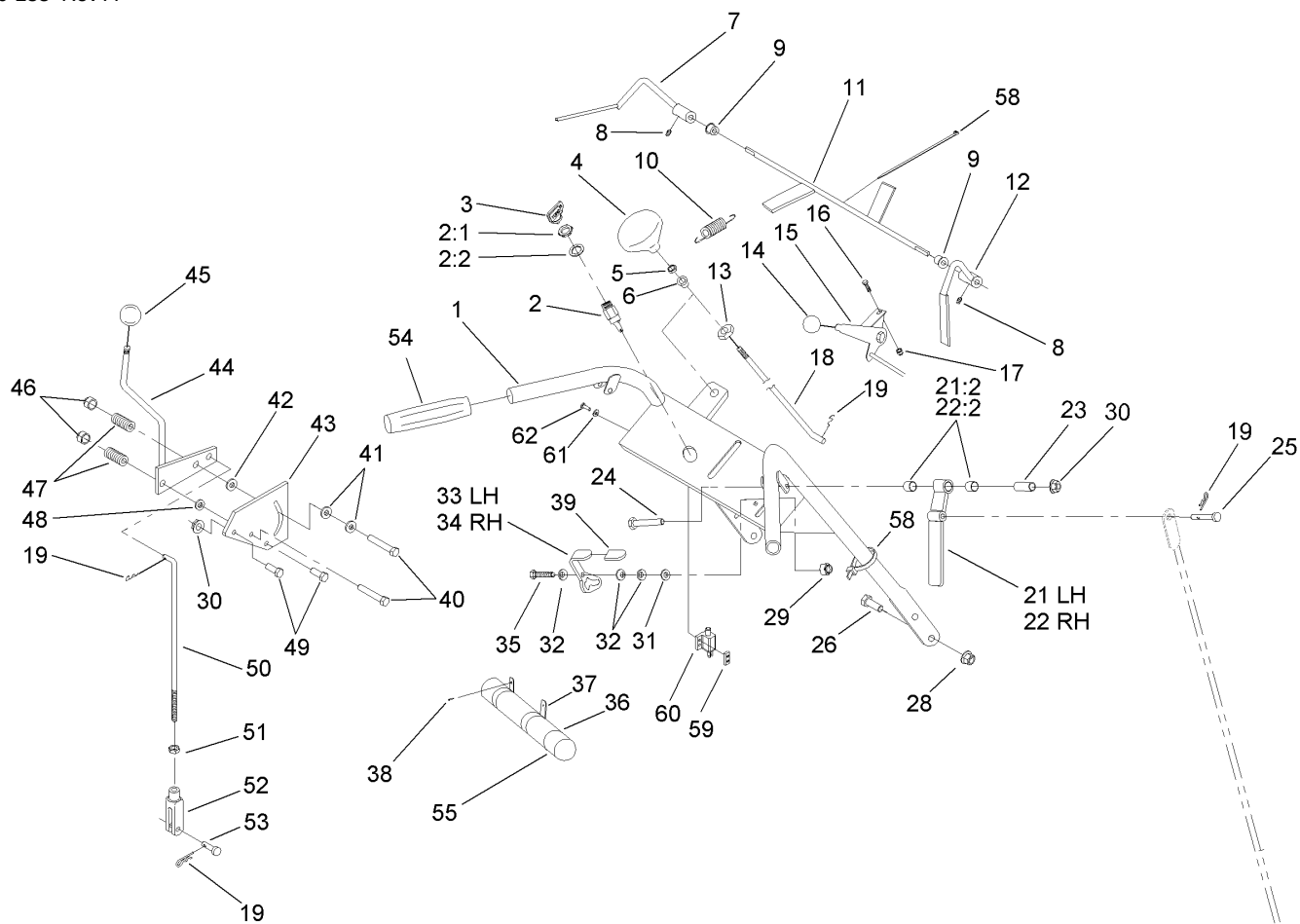
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	32128-20	18	Nut-HF	25	322-6	2	Screw-HH
2	3290-357	7	Nut-HHF, Whiz	26	1-603693	2	Spring-Extension
3	1-323197-01	4	Spacer-Shield	27	103-1235	2	Swivel-Lever, Drive
4	323-16	7	Screw-HH	28	1-613089	2	Tab-Spring, Extension
5	3256-2	6	Washer-Flat	29	1-800016	2	Bolt-TAP, HH
6	1-805005	4	Washer-Lock	32	1-413219	2	Rod-Lever, Drive
7	322-3	4	Screw-HH	34	3256-23	7	Washer-Flat
8	302-19	2	Fitting-Grease	37	1-412203-01	1	Crank-Control, Speed
9	110-4897-01	2	Shield-Control, Hydro	38	1-413151	1	Knob-Tracking
10	1-323195-01	4	Spacer-Shield	39	1-603903	1	Spacer
11	1-809056	2	Screw	40	1-323245	1	Spring-Compression
12	3256-24	2	Washer-Flat	41	3220-2	2	Nut-Jam
13	1-633102	2	Bearing-Flange, Side	42	1-303105	2	Yoke-Adjustable
14	1-806003	2	Pin-Hair	43	1-808280	2	Pin-Clevis
15	3219-2	7	Nut-Hex	44	3272-5	2	Pin-Cotter
16	109-3769	2	Bushing-Nylon, Flanged	45	1-603676	2	Swivel-Adjustable, Short
17	1-603807	2	Spring-Return, Neutral	46	105-4109	1	Decal-Tracking
18	1-603737	2	Bolt-Return, Neutral	47	32151-47	2	Ring-Retaining
19	1-413350	2	Link-Control, Speed	48	3218-2	2	Nut-Jam
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				



Handle and Control Assembly

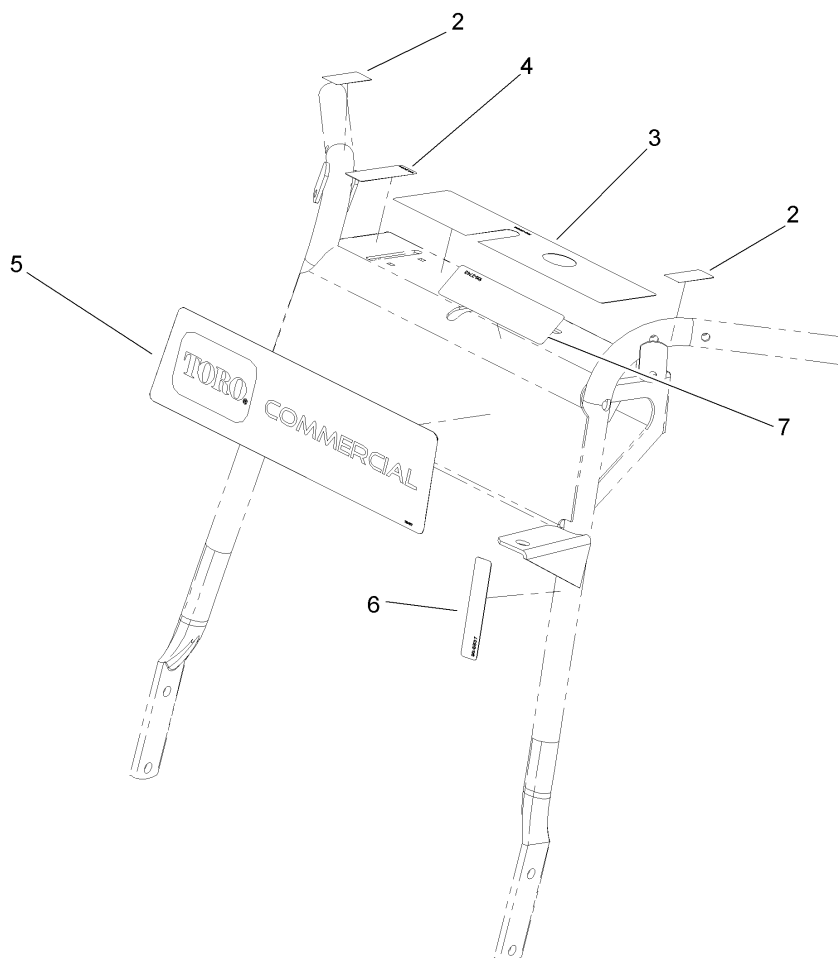
Ref	Part No.	Qty.	Description
1	110-6907	1	Hydro Handle ASM
2	29-5560	1	Switch-On / Off
2:1	218-461	1	Nut-HH
2:2	3254-5	1	Washer-Tooth
3	63-8360	1	Key-Ignition
4	1-323134	1	Knob-Push / Pull
5	3218-2	1	Nut-Jam
6	1-323143	1	Bearing-Nylon
7	106-5485	1	LH Operator Presence Control Lever ASM
8	1-803322	2	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 Operator Presence Control 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

Ref	Part No.	Qty.	Description
21:2	1-413152	2	Sleeve-Bushing
22	103-0219	1	RH Drive Lever ASM
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



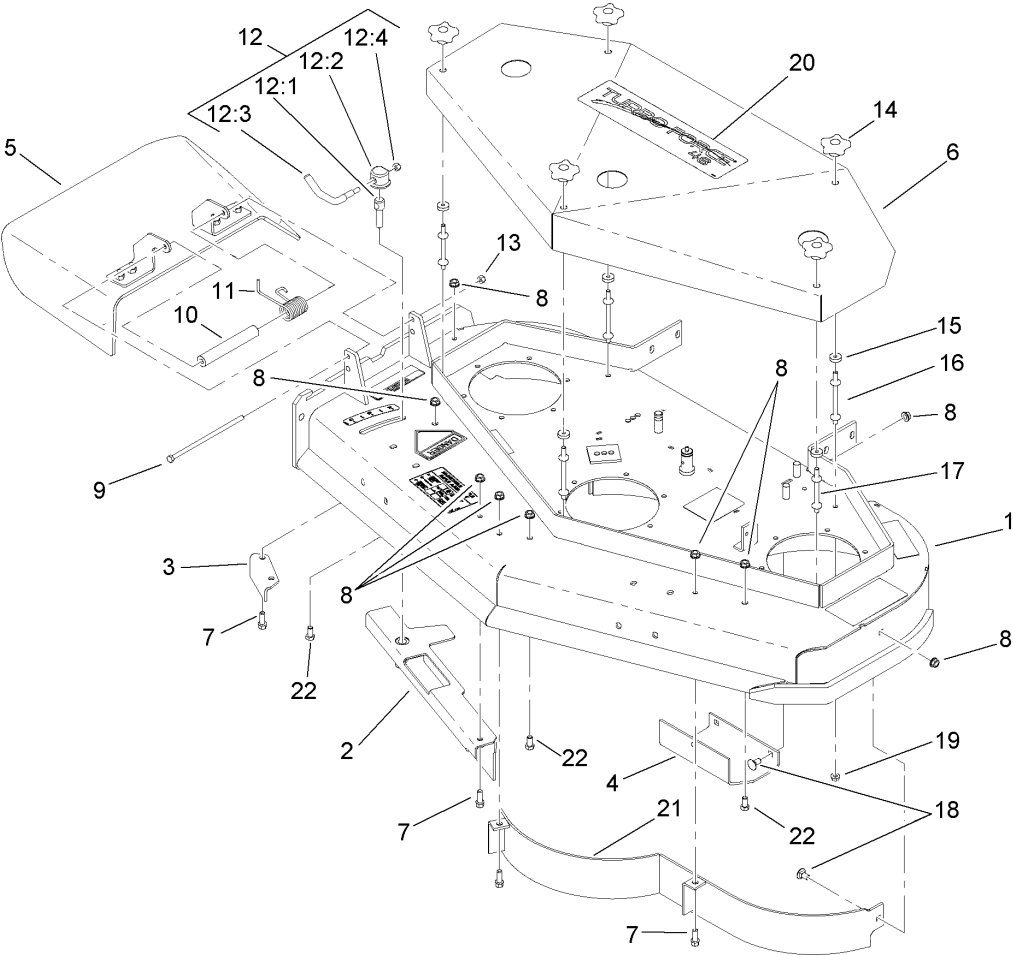
Handle and Control Assembly (continued)

Ref	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-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				
63	103-2007	1	Harness-Wiring				



Control Handle Assembly No. 110-6907

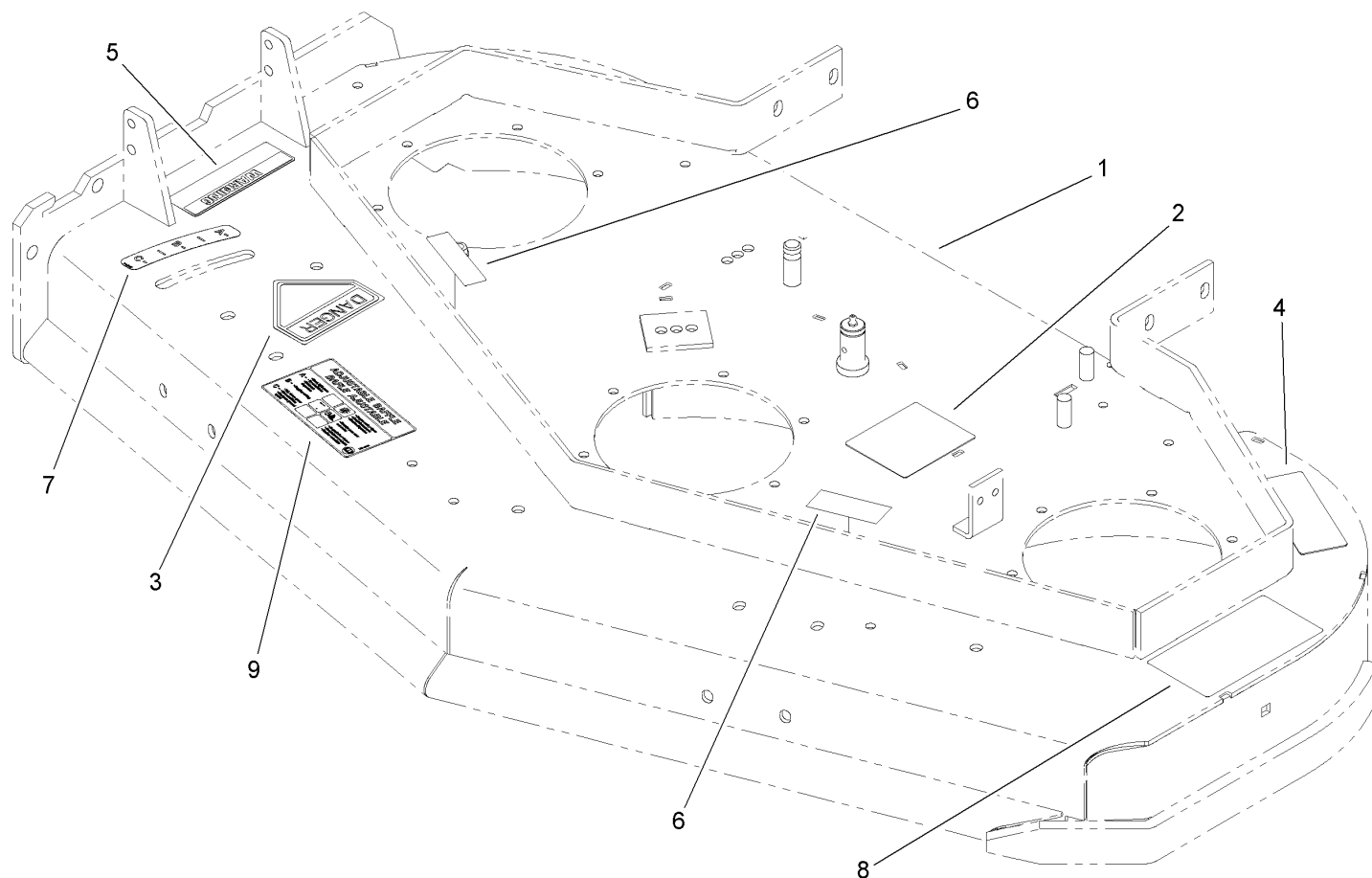
Ref	Part No.	Qty.	Description
2	105-4110	2	Decal-Lock, Neutral
3	106-2738	1	Decal-Warning
4	106-2733	1	Decal-Throttle
5	110-6917	1	Decal
6	95-5537	1	Decal-Engage, Deck
7	106-2743	1	Decal-Caution, Brake



Deck Assembly

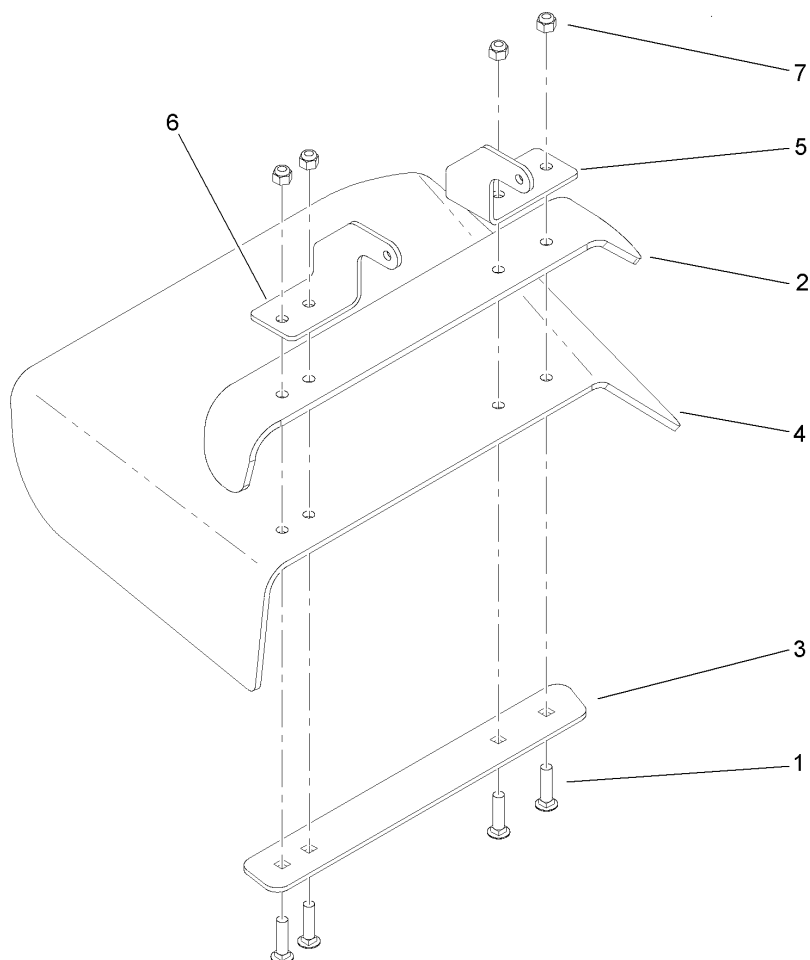
Ref	Part No.	Qty.	Description
1	110-4909	1	Deck ASM
2	110-0533-03	1	Baffle-Adjustable
3	110-0744-01	1	Baffle-Discharge
4	107-3166-01	1	Skid
5	110-0758	1	Deflector ASM
6	110-2119-01	1	Cover
7	92-1624	5	Screw
8	3290-357	12	Nut-HHF, Whiz
9	322-50	1	Screw-HH
10	105-4622	1	Spacer
11	104-8554	1	Spring-Torsion
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	7	Screw-CARR
19	32128-20	5	Nut-HF
20	110-6920	1	Decal

Ref	Part No.	Qty.	Description
21	110-0735-03	1	Baffle ASM
22	323-4	3	Screw-HH



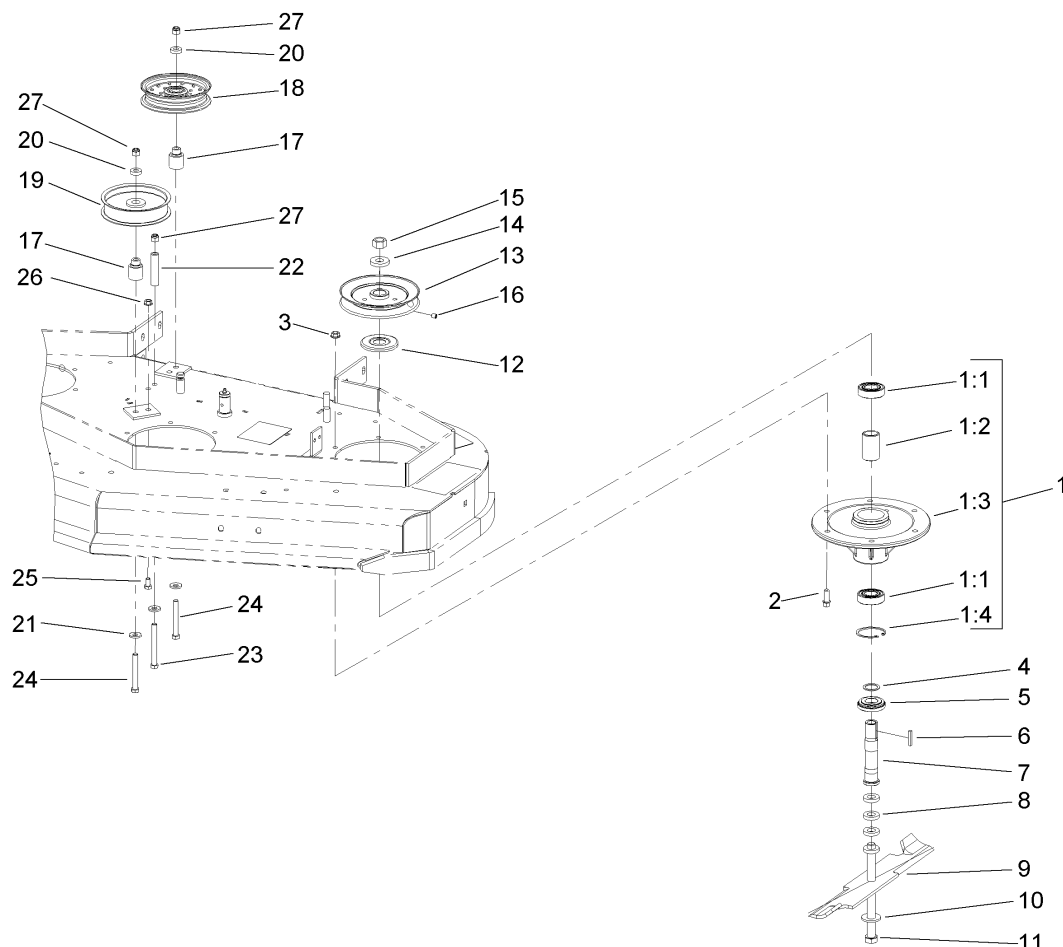
Deck Assembly No. 110-4909

Ref	Part No.	Qty.	Description
1		1	48 Inch Deck ASM
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-Cover, Missing
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

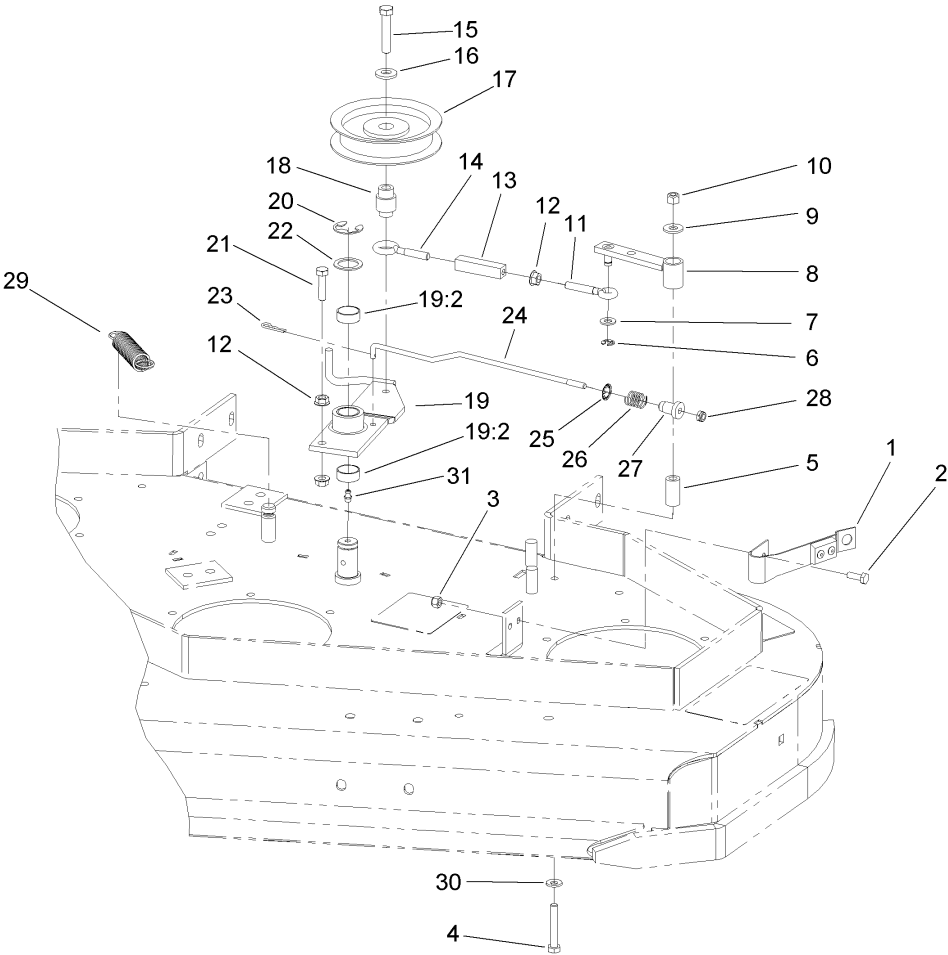
Ref	Part No.	Qty.	Description
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	110-0759	1	Deflector-Rubber
5	107-4197-01	1	Bracket-Hinge, Rear
6	107-4196-01	1	Bracket-Hinge, Front
7	3296-39	4	Nut-Lock, NI



Sheave, Spindle and Blade Assembly

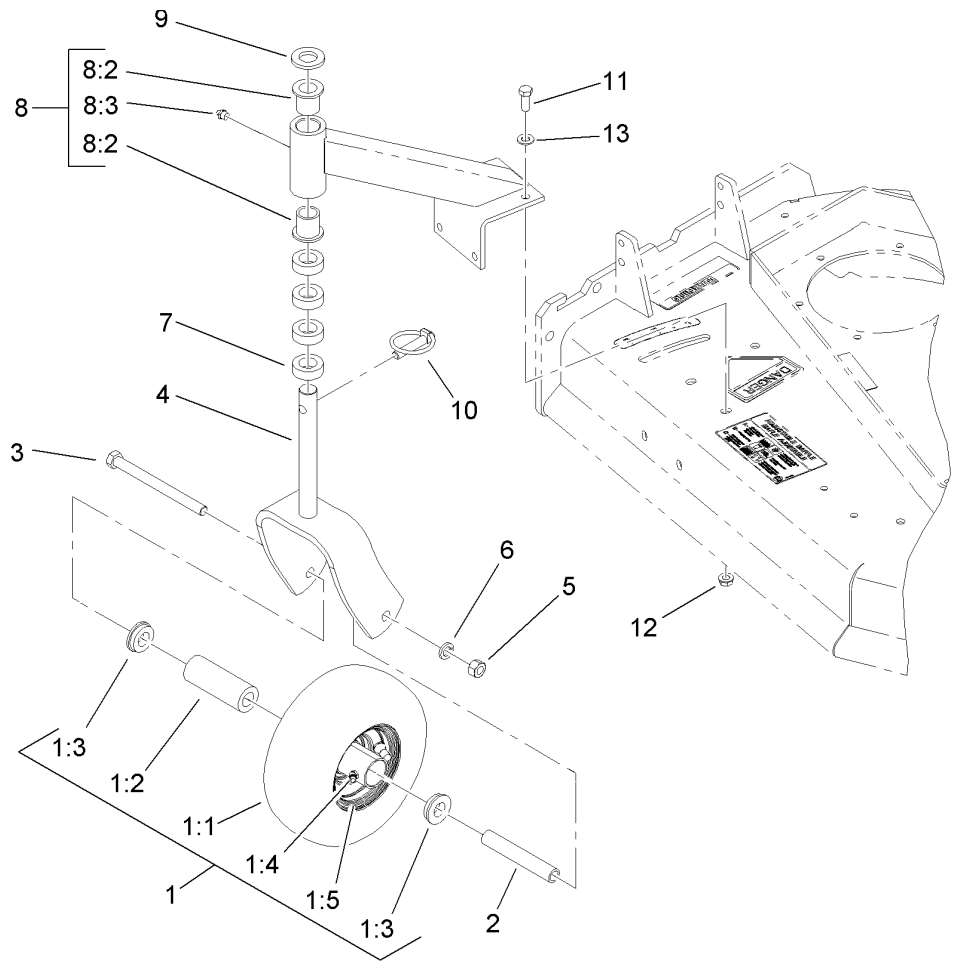
Ref	Part No.	Qty.	Description
1	108-6697	3	Spindle Housing ASM
1:1	110-2118	2	Bearing
1:2	110-2116	1	Spacer-Bearing
1:3	108-6694	1	Housing-Spindle
1:4	32120-8	1	Ring-Snap
2	92-1624	18	Screw
3	3290-357	18	Nut-HHF, Whiz
4	110-4888	3	Washer-Spacer
5	103-2535	3	Spacer-Guard, Bottom
6	1-807267	3	Key
7	1-323529	3	Tube-Spindle, Short
8	1-323539	12	Spacer
9	107-3192	3	Blade-Rotary, 16.5 Inch (High Flow)
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

Ref	Part No.	Qty.	Description
20	5-0652	2	Spacer
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



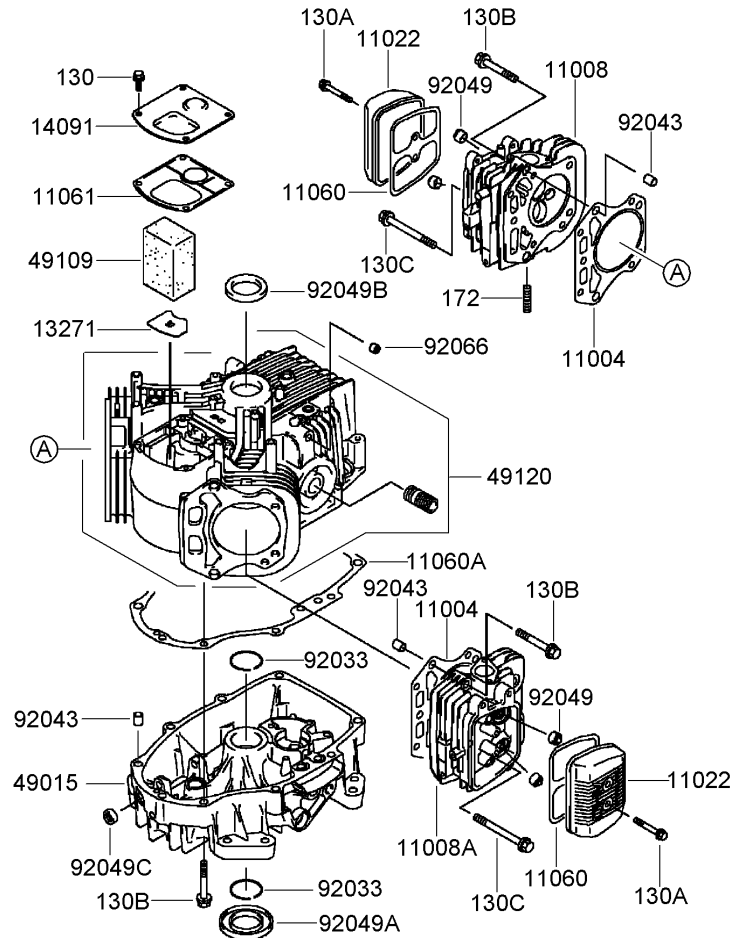
Idler Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-324372	1	Pad And Spring ASM	24	110-4932	1	Rod-Brake
2	321-4	2	Screw-HH	25	1-323748	1	Ring-Push On
3	3296-42	2	Nut-Lock, NI	26	1-323747	1	Spring-Compression
4	322-10	1	Screw-HH	27	1-323746	1	Spacer-Flanged
5	1-403179	1	Tube-Pivot	28	3296-56	1	Nut-Lock, NI
6	32120-35	1	Ring-Retaining, EXT	29	1-323071	1	Spring-Extension
7	3256-23	1	Washer-Flat	30	1-303334	1	Washer-Spring
8	1-322235	1	Arm-Assist	31	302-19	1	Fitting-Grease
9	3256-3	1	Washer-Flat				
10	3296-29	1	Nut-Lock, NI				
11	1-303238	1	Eyebolt-Thread, RH				
12	32128-20	3	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-Retaining, EXT				
21	322-6	1	Screw-HH				
22	1-303352	1	Washer-Spindle				
23	1-806003	1	Pin-Hair				



Caster Assembly

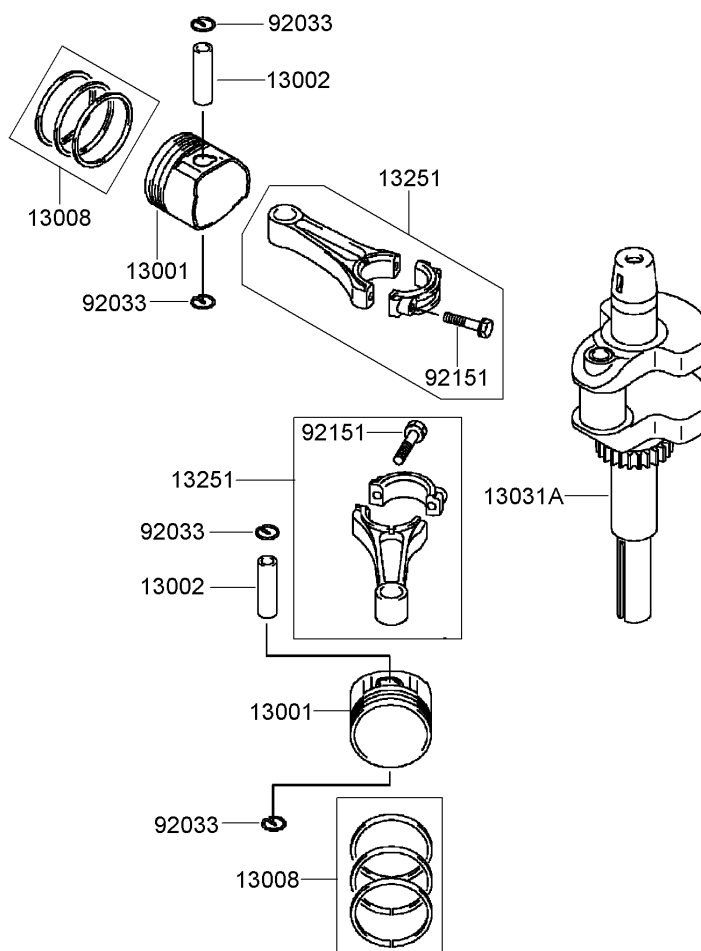
Ref	Part No.	Qty.	Description				
1	110-5023	2	Wheel And Tire ASM				
2		1	Tire				
1:2	1-513809	1	Bearing				
1:3	1-513810	2	Bushing				
1:4	302-61	1	Zerk				
1:5		1	Wheel				
2	1-513547	2	Spacer				
3	325-20	2	Screw-HH				
4	1-322145-01	2	Fork				
5	3217-9	2	Nut-HH				
6	3253-7	2	Washer-Lock				
7	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	323-6	8	Screw-HH				
12	3290-357	8	Nut-HHF, Whiz				
13	3256-24	8	Washer-Flat				



Cylinder and Crankcase Assembly

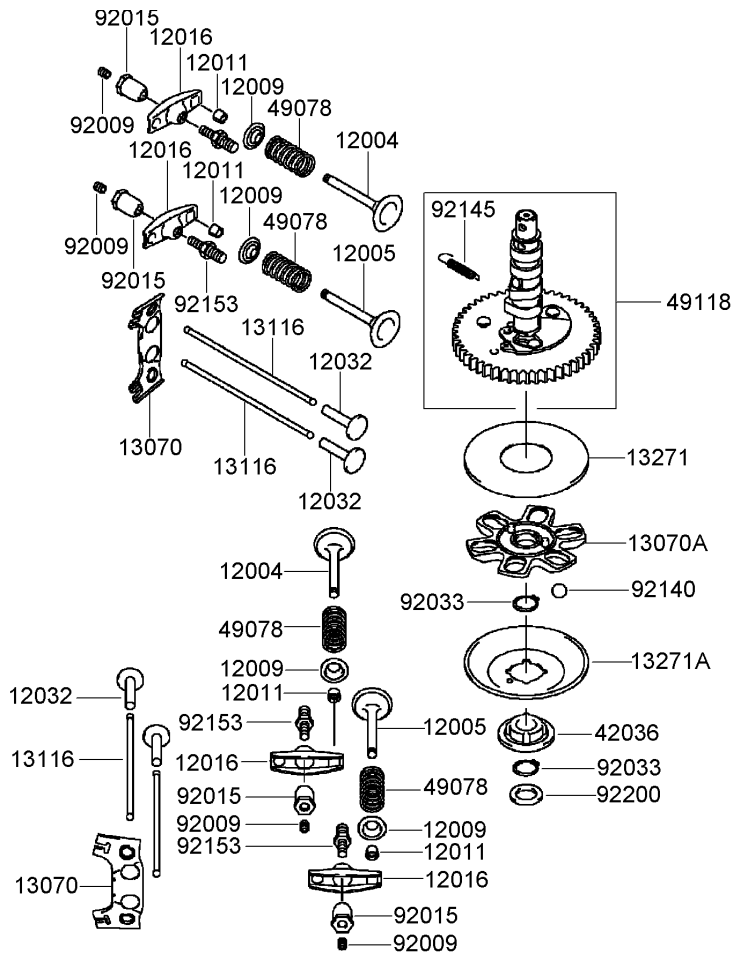
Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description				
❶11004	11004-7016	2	Gasket-Head				
❶11008	11008-6043	1	Head-Cylinder, No. 1				
❶11008A	11008-7020	1	Head-Cylinder, No. 2				
❶11022	11022-7003	2	Case-Rocker				
❶11060	11060-7001	2	Gasket-Case, Rocker				
❶11060A	11060-7008	1	Gasket-Cover, Crankcase				
❶11061	11061-7001	1	Gasket-Breather				
❶13271	13271-7016	1	Plate				
❶14091	14091-7006	1	Cover				
❶49015	49015-6253	1	Cover-Crankcase				
❶49109	49109-7002	1	Element-Breather				
❶49120	49120-7023	1	Crankcase				
❶92033	92033-7003	2	Ring-Snap				
❶92043	92043-7001	6	Pin				
❶92049	92049-7001	4	Seal-Oil, R V C2 (6X11X10.2)				
❶92049A	92049-7015	1	Seal-Oil, S D (35X62X8 L HSH)				
❶92049B	92049-7016	1	Seal-Oil, S D (35X48X8 R HSH)				
❶92049C	92049-7019	1	Seal-Oil, S O (8X14X5 HSH)				
❶92066	92066-7002	1	Plug				
❶130	130B0612	4	Bolt-Flanged (6X12)				
❶130A	130B0640	4	Bolt-Flanged (6X40)				
❶130B	130T0850	17	Bolt-Flanged (8X50)				
❶130C	130T0875	2	Bolt-Flanged (8X75)				
❶172	172G0818	4	Bolt-Stud (8X18)				



Piston and Crankshaft Assembly Kawasaki FH541V-DS23

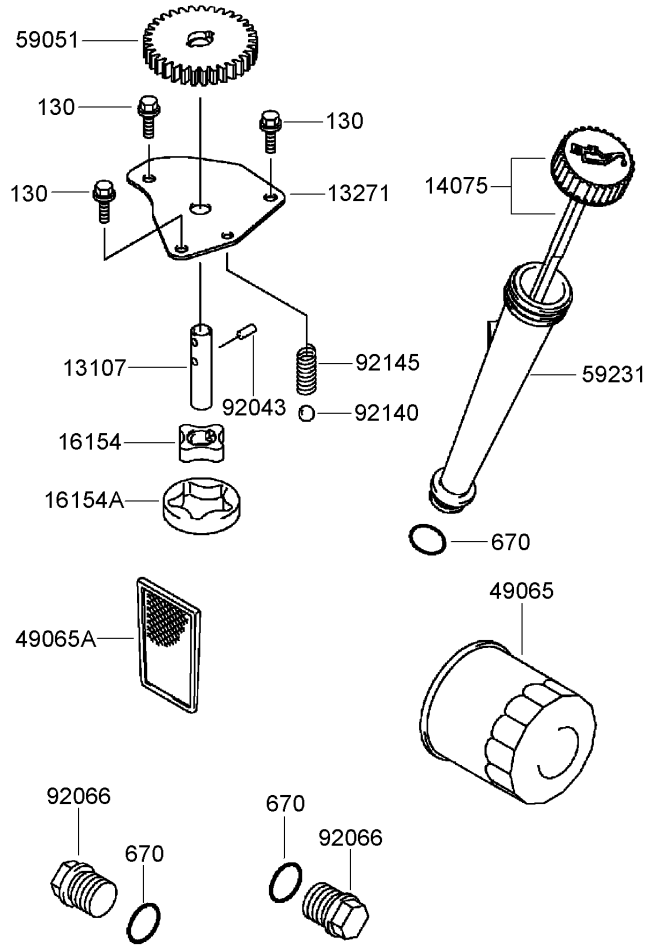
Ref	Part No.	Qty.	Description				
③13001	13001-7010	2	Piston-Engine				
③13002	13002-7001	2	Pin-Piston				
③13008	13008-6060	2	Ring Set-Piston				
③13031A	13031-7073	1	Crankshaft				
③13251	13251-7010	2	Connecting Rod ASM				
③92033	92033-7005	4	Ring-Snap				
③92151	92151-7017	4	Bolt (6X35)				



Valve and Camshaft Assembly

Kawasaki FH541V-DS23

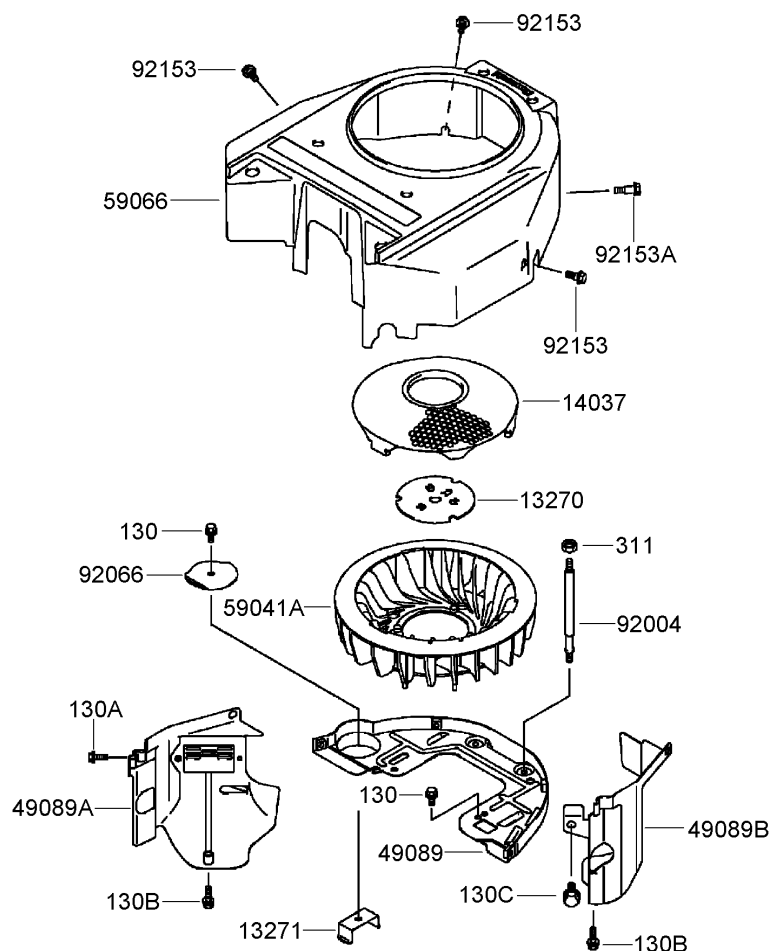
Ref	Part No.	Qty.	Description				
❶12004	12004-7003	2	Valve-Intake				
❶12005	12005-7003	2	Valve-Exhaust				
❶12009	12009-7001	4	Retainer-Spring, Valve				
❶12011	12011-2056	8	Collet				
❶12016	12016-7008	4	Arm-Rocker				
❶12032	12032-7001	4	Tappet				
❶13070	13070-7001	2	Guide				
❶13070A	13070-7004	1	Guide				
❶13116	13116-2057	4	Rod-Push				
❶13271	13271-7007	1	Plate				
❶13271A	13271-7021	1	Plate-Governor				
❶42036	42036-7010	1	Sleeve				
❶49078	49078-7001	4	Spring-Valve, Engine				
❶49118	49118-7004	1	Camshaft				
❶92009	92009-2341	4	Screw				
❶92015	92015-2253	4	Nut				
❶92033	92033-7001	2	Ring-Snap				
❶92140	92140-7002	6	Ball				
❶92145	92145-7001	1	Spring				
❶92153	92153-7019	4	Bolt				
❶92200	92200-7001	1	Washer				



Lubrication Equipment Assembly

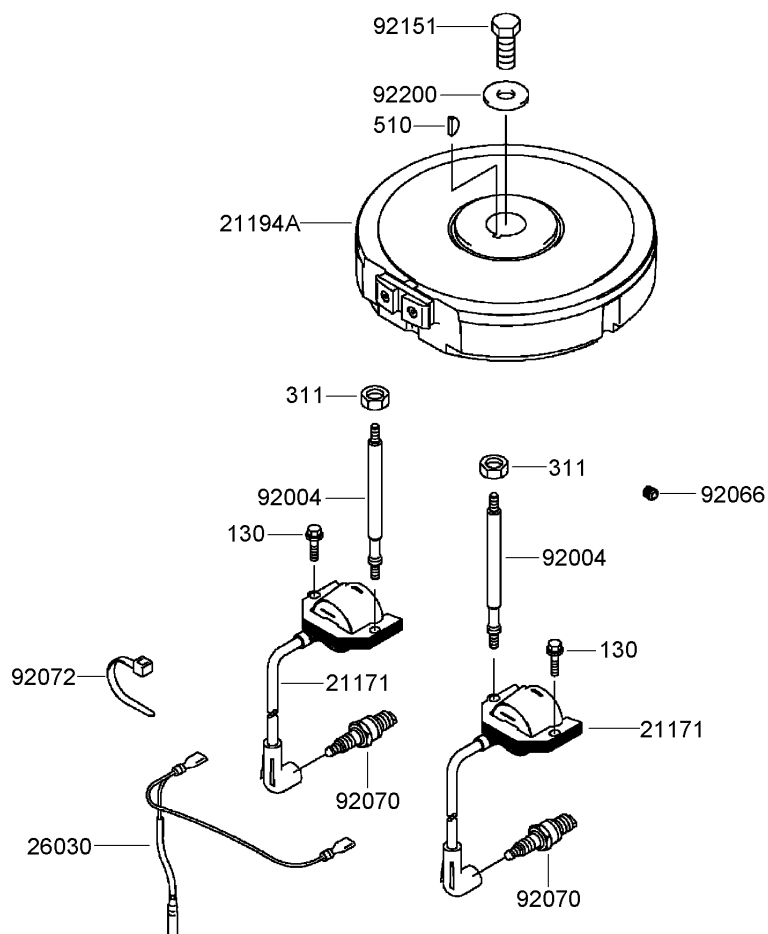
Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description				
13107	13107-7009	1	Shaft				
13271	13271-7017	1	Plate				
14075	14075-7009	1	Cap ASM				
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	59051-7011	1	Gear-Spur				
59231	59231-7005	1	Filler				
92043	92043-7003	2	Pin				
92066	92066-7003	2	Plug				
92140	92140-7003	1	Ball				
92145	92145-7002	1	Spring				
130	130B0612	3	Bolt-Flanged (6X12)				
670	670D2016	3	O-Ring (16Mm)				



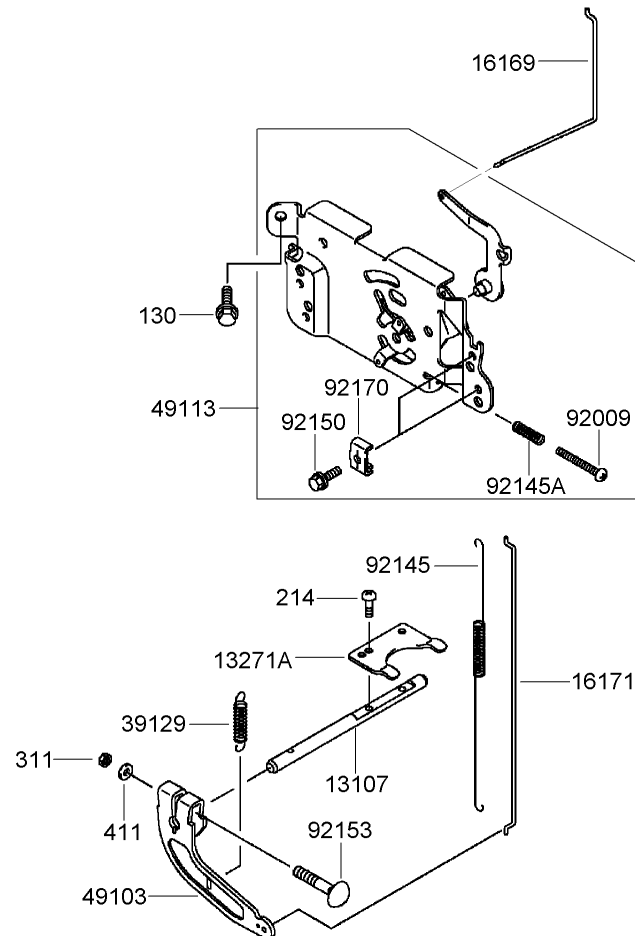
Cooling Equipment Assembly Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description				
③13270	13270-7007	1	Plate				
③13271	13271-7002	1	Plate				
③14037	14037-7025-9H	1	Screen				
③49089	49089-7032	1	Shroud-Engine				
③49089A	49089-7042	1	Shroud-Engine				
③49089B	49089-7043	1	Shroud-Engine				
③59041A	59041-7012	1	Fan				
③59066	59066-7037	1	Housing-Fan				
③92004	92004-7006	2	Stud				
③92066	92066-7004	1	Plug				
③92153	92153-7007	3	Bolt				
③92153A	92153-7008	1	Bolt				
③130	130B0612	3	Bolt-Flanged (6X12)				
③130A	130B0616	2	Bolt-Flanged (6X16)				
③130B	130B0625	2	Bolt-Flanged (6X25)				
③130C	130B0816	1	Bolt-Flanged (8X16)				
③311	311B0600	2	Nut-Hex (6Mm)				



Electric Equipment Assembly Kawasaki FH541V-DS23

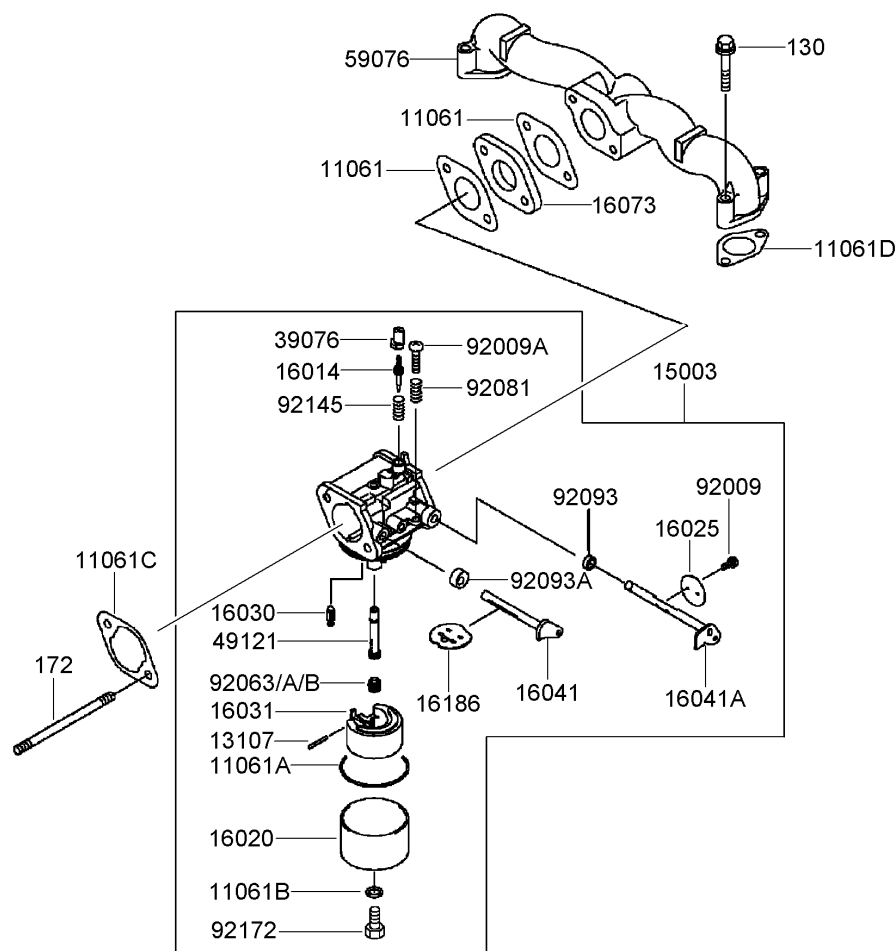
Ref	Part No.	Qty.	Description				
③21171	21171-7013	2	Ignition Coil ASM				
③21194A	21194-7027	1	Flywheel-Comp				
③26030	26030-7001	1	Harness				
③92004	92004-7009	2	Stud				
③92066	92066-7002	1	Plug				
③92070	92070-7003	2	Plug-Spark (R C J 8 Y, Solid)				
③92072	92072-7003	2	Band				
③92151	92151-2097	1	Bolt (12X30)				
③92200	92200-7002	1	Washer				
③130	130B0620	2	Bolt-Flanged (6X20)				
③311	311B0600	2	Nut-Hex (6Mm)				
③510	510A5100	1	Key-Woodruff				



Control Equipment Assembly

Kawasaki FH541V-DS23

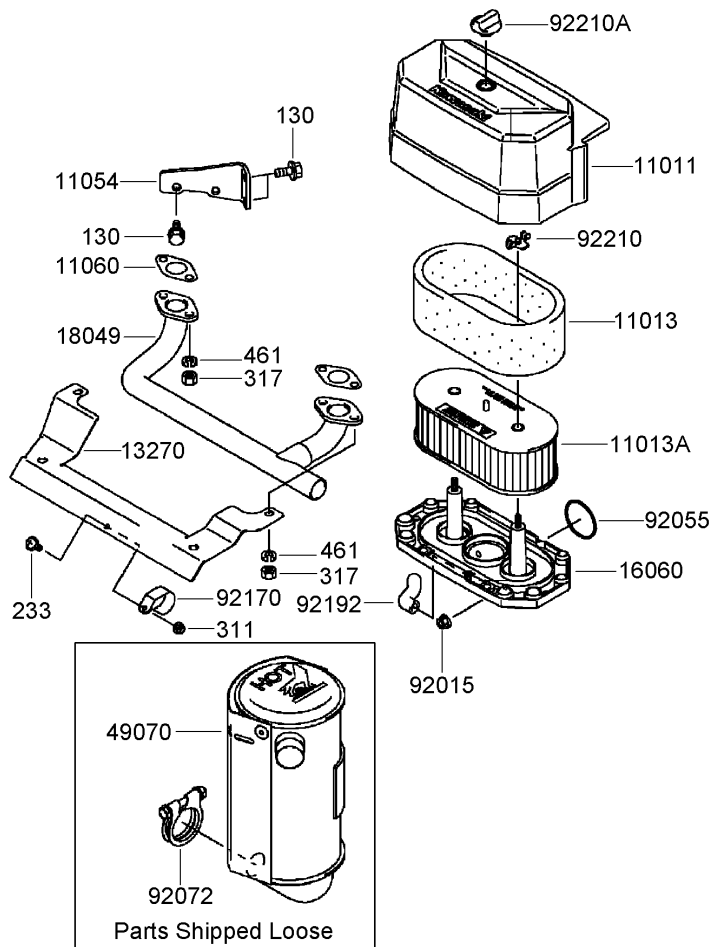
Ref	Part No.	Qty.	Description				
③13107	13107-7010	1	Shaft				
③13271A	13271-7032	1	Plate				
③16169	16169-7010	1	Link-Choke				
③16171	16171-7001	1	Link				
③39129	39129-7003	1	Spring-Governor				
③49103	49103-7004	1	Arm-Governor				
③49113	49113-7024	1	Panel-Control				
③92009	92009-7007	1	Screw (4X35)				
③92145	92145-7003	1	Spring				
③92145A	92145-7005	1	Spring				
③92150	92150-2182	2	Bolt (5X18)				
③92153	92153-7033	1	Bolt (6X35)				
③92170	92170-7001	2	Clamp				
③130	130B0612	2	Bolt-Flanged (6X12)				
③214	214B0408	2	Screw-Pan (4X8)				
③311	311B0600	1	Nut-Hex (6Mm)				
③411	411B0600	1	Washer-Plain (6Mm)				



Carburetor Assembly Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description
①11061	11061-7004	2	Gasket-Insulator
①11061A	11061-7009	1	Gasket-Chamber
①11061B	11061-7010	1	Gasket-Screw
①11061C	11061-7018	1	Gasket-Cleaner, Air
①11061D	11061-7019	2	Gasket
①13107	13107-7018	1	Shaft
①15003	15003-7107	1	Carburetor ASM
①16014	16014-7007	1	Screw-Air, Pilot
①16020	16020-7003	1	Chamber-Float
①16025	16025-7006	1	Valve-Throttle
①16030	16030-7003	1	Valve-Float
①16031	16031-7002	1	Float
①16041	16041-7016	1	Shaft-Choke, Carburetor
①16041A	16041-7018	1	Shaft-Throttle, Carburetor
①16073	16073-7007	1	Insulator
①16186	16186-7004	1	Choke Valve ASM
①39076	39076-7001	1	Limiter
①49121	49121-7010	1	Nozzle-Main
①59076	59076-7001	1	Manifold-Intake
①92009	92009-2083	2	Screw
①92009A	92009-2349	1	Screw
①92063	92063-7062	1	Jet-Main No. 110
①92063A	92063-7065	1	Jet-Main, No. 112
①92063B	92063-7066	1	Jet-Main, No. 108

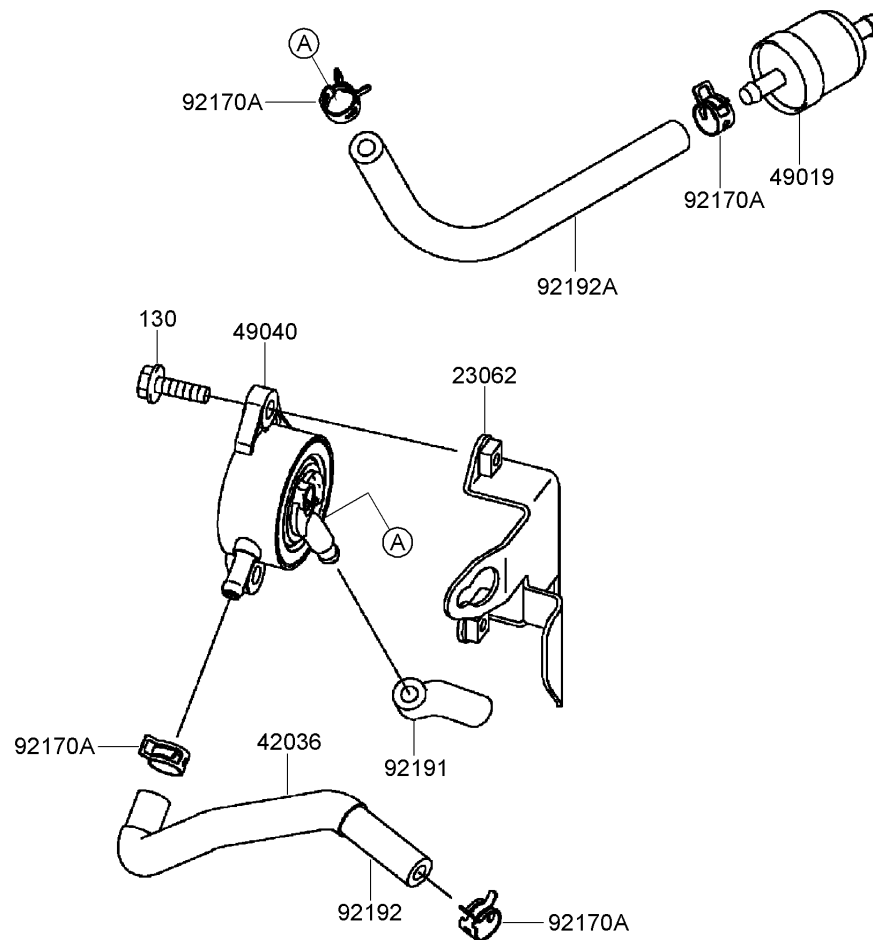
Ref	Part No.	Qty.	Description
①92081	92081-2234	1	Spring
①92093	92093-2100	1	Seal
①92093A	92093-7003	1	Seal
①92145	92145-7015	1	Spring
①92172	92172-7002	1	Screw
①130	130B0635	4	Bolt-Flanged (6X35)
①172	172G0690	2	Bolt-Stud (6X90)



Air Filter and Muffler Assembly

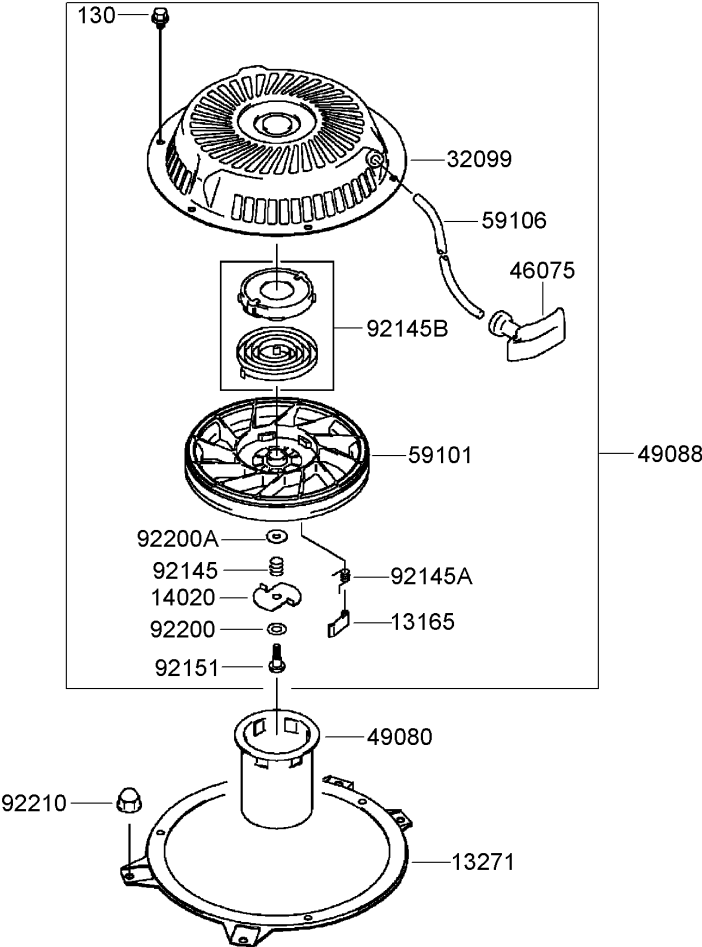
Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description				
❶11011	11011-7046	1	Case-Air Filter				
❶11013	11013-7025	1	Element-Filter, Air				
❶11013A	11013-7031	1	Element-Filter, Air				
❶11054	11054-7002-9H	1	Bracket				
❶11060	11060-7021	2	Gasket-Muffler				
❶13270	13270-7008	1	Plate				
❶16060	16060-7016	1	Pipe-Intake				
❶18049	18049-7001	1	Pipe-Exhaust				
❶49070	49070-7021	1	Muffler				
❶92015	92015-1193	2	Nut				
❶92055	92055-7015	1	O-Ring				
❶92072	92072-7012	1	Band				
❶92170	92170-7002	1	Clamp				
❶92192	92192-7010	1	Tube				
❶92210	92210-7004	2	Nut				
❶92210A	92210-7019	1	Nut				
❶130	130B0816	3	Bolt-Flanged (8X16)				
❶233	233B0416	1	Screw (4X16)				
❶311	311B0400	1	Nut-Hex (4Mm)				
❶317	317R0800	4	Nut-Hex, Small (8Mm)				
❶461	461F0800	4	Washer-Spring (8Mm)				



Fuel Tank and Valve Assembly Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description				
③23062	23062-7004-9H	1	Bracket				
③42036	42036-7012	1	Sleeve				
③49019	49019-7001	1	Filter-Fuel				
③49040	49040-7001	1	Pump-Fuel				
③92170A	92170-2088	4	Clamp				
③92191	92191-7002	1	Tube				
③92192	92192-7035	1	Tube (6.35X12.7X170)				
③92192A	92192-7037	1	Tube (6.35X12.7X160)				
③130	130B0620	2	Bolt-Flanged (6X20)				



Starter Assembly
Kawasaki FH541V-DS23

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-Starter, Recoil				
❸46075	46075-7001	1	Grip-Starter, Recoil				
❸49080	49080-7001	1	Pulley-Starting				
❸49088	49088-7013	1	Starter-Recoil				
❸59101	59101-7001	1	Reel-Starter, Recoil				
❸59106	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 (6X8)				

ENGINE MAINTENANCE

1. CHECK & ADD OIL.
2. CHECK & CLEAN AIR CLEANER
3. CLEAN FLOW & SCREEN

REFER TO MANUAL & MANUAL.

CHECK OIL BEFORE STARTING

FULL

ADD

DO NOT TURN ON OR THROTTLE WHEN CHECKING OIL LEVEL.



Kawasaki	FH541V改[KAI] 17.0
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Label Assembly

Kawasaki FH541V-DS23

Ref	Part No.	Qty.	Description
③56033	56033-7003	1	Label-Manual
③56070	56070-7001	1	Label-Warning
③56080	56080-2077	1	Label-Brand
③56080A	56080-7023	1	Label-Brand

Attachments and Accessories

For 39988 - Commercial Walk-Behind Mower, Fixed Deck, Pistol Grip, Hydro Drive with 48in TURBO FORCE Cutting Unit

Product Name	Model/Part
Blade-Low Flow, 16.5 Inch	107-3193-03
Blade-Mid Flow, 16.5 Inch	107-3194-03
Blade-Atomic, 16.5 Inch	107-3195-03
Blade-Recycling, 16.5 Inch	107-3196-03
Bagging Enhancement Kit	108-4091
Blade-Hi Flow, 16.5 Inch (6 Pack)	110-0414
Blade-Lo Flow, 16.5 Inch (6 Pack)	110-0415
Blade-Recycler, 16.5 Inch (6 Pack)	110-0416
Blade-Atomic, 16.5 Inch (6 Pack)	110-0417
Blade-Mid Flow, 16.5 Inch (6 Pack)	110-0418
48 Inch Recycler Kit	110-2060
Soft Bag (3 Bushel)	30104
Sulky	30109

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