



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

Model No. 38988 - 290000001 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

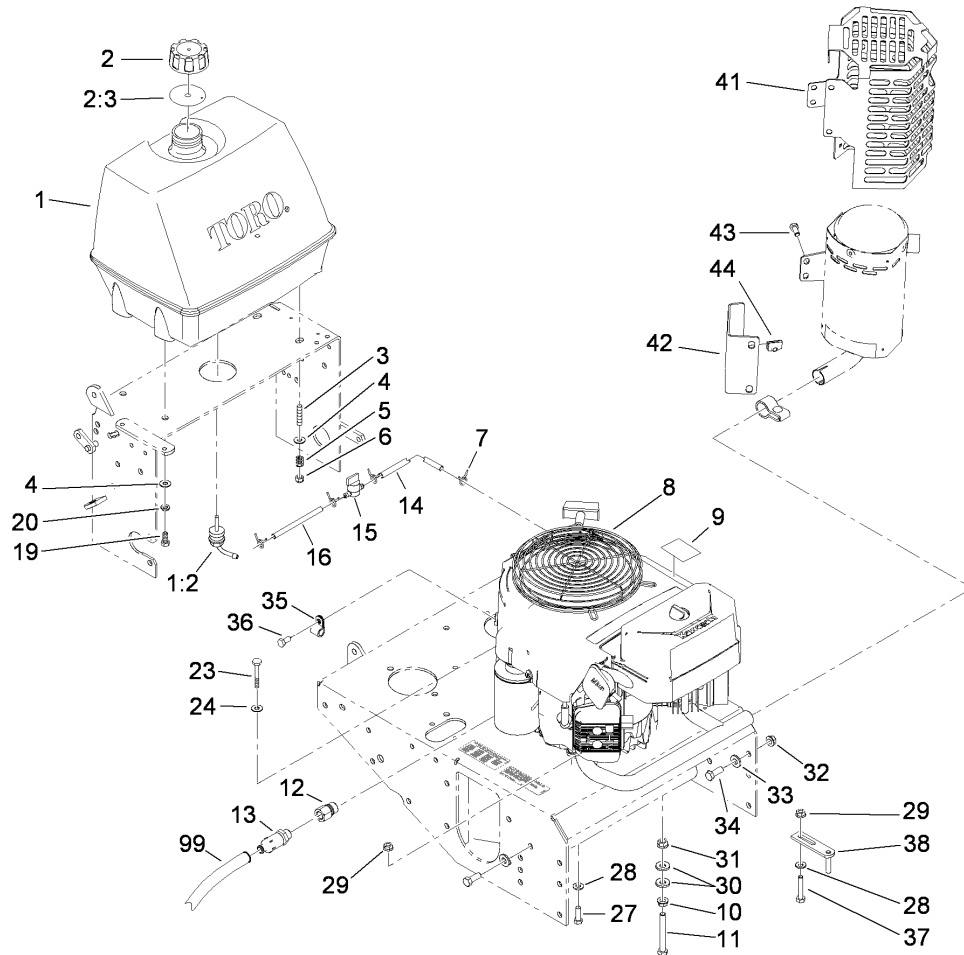
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

- ❶ Not illustrated
- ❸ Obtain parts from www.kawpowerepc.com

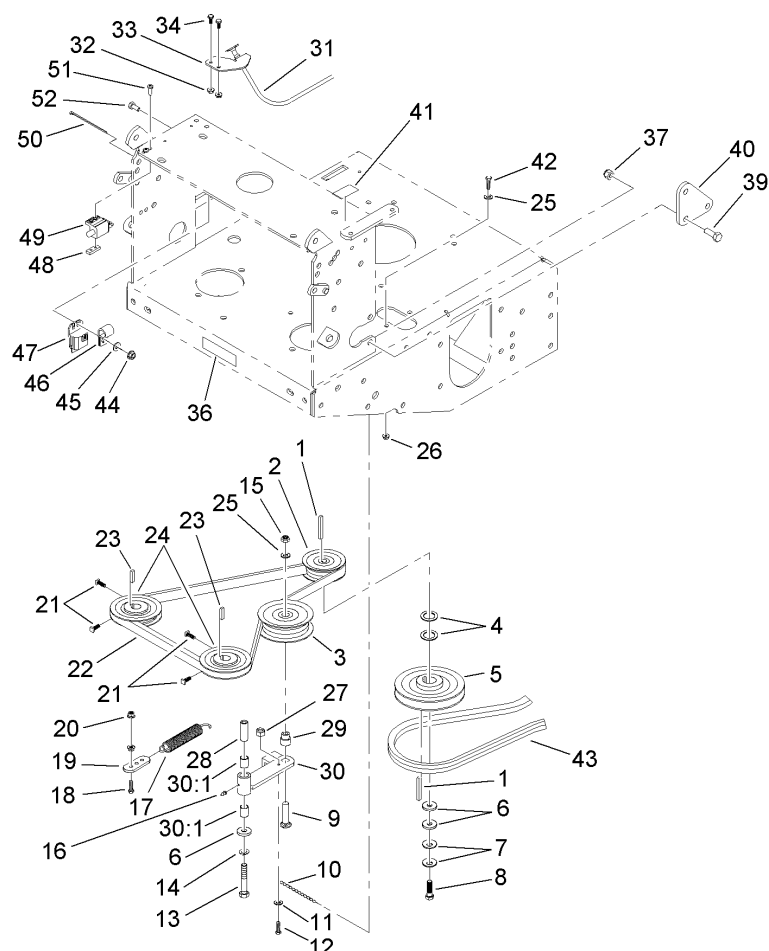
- ❷ Not serviced separately



Engine and Fuel System Assembly

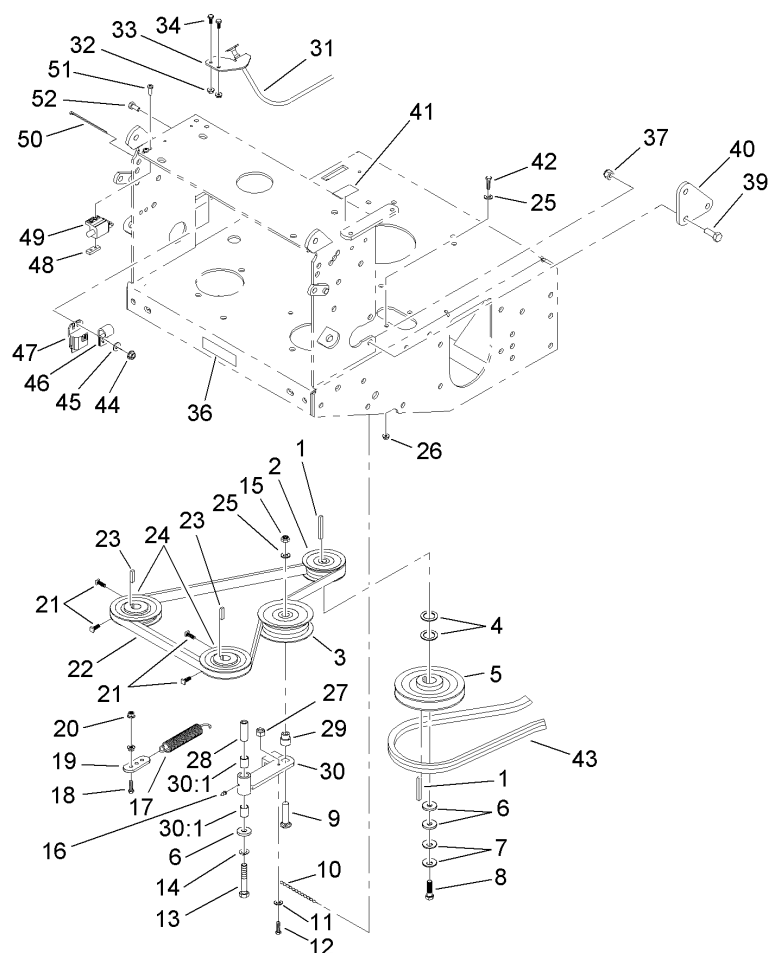
Ref	Part No.	Qty.	Description
1	106-0730	1	Fuel Tank ASM
1:2	103-2605	1	Fitting-Fuel, Bulkhead
2	88-3980	1	Gas Cap ASM
2:3	88-4010	1	Gasket-Cap, Gas
3	1-633023	2	Stud
4	3256-23	4	Washer-Flat
5	1-633349	2	Spring-Tank, Fuel
6	3296-47	2	Nut-Lock, NI
7	1-303077	4	Clamp
8		1	Engine-Kawasaki, FH541V-Fs23
9	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
41	115-4150-03	1	Muffler Shield ASM
42	115-4154-03	1	Bracket-Muffler
43	322-3	4	Screw-HH
44	94-2413	4	U-Nut
99	103-1964	1	Hose-Drain, Oil



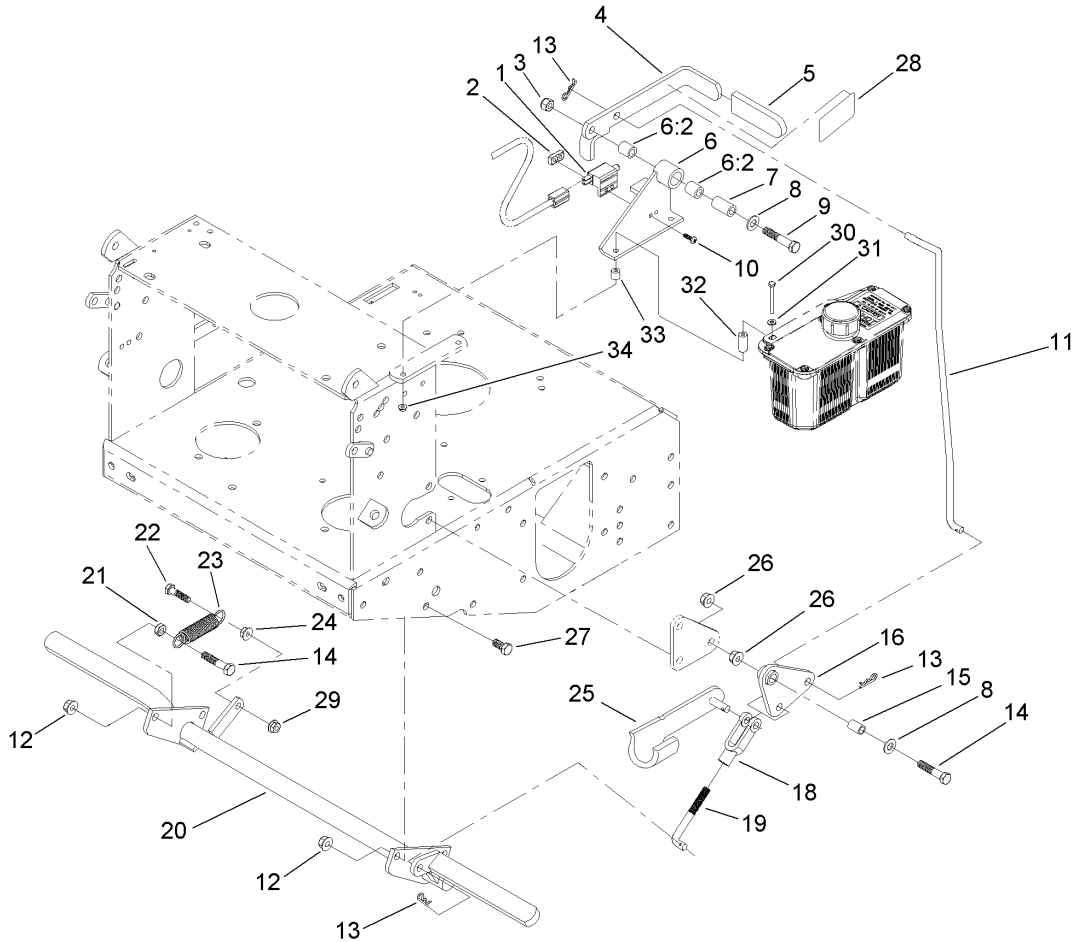
Drive Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-807259	2	Key	25	3256-24	2	Washer-Flat
2	1-653035	1	Pulley	26	3290-357	1	Nut-HHF, Whiz
3	1-603843	1	Pulley-Idler	27	3296-2	1	Nut-Lock, NI
4	1-523157	2	Washer-Spacer	28	1-603044	1	Bushing
5	110-4890	1	Pulley ASM	29	1-603496	1	Bushing-Idler
6	1-373034	3	Washer	30	1-602521	1	Idler Arm ASM
7	1-603610	2	Washer-Spring	30:1	103-4681	2	Sleeve-Bearing
8	3212-6	1	Screw-HH	31	103-1796	1	Cable-Choke
9	3231-29	1	Screw-CARR	32	32128-33	2	Nut-HF
10	1-323365	1	Chain-Link, Twist	33	103-1797-01	1	Bracket-Cable, Choke
11	3256-14	1	Washer-Flat	34	321-3	2	Screw-HH
12	1-809069	1	Screw-HSH	36	98-0776	1	Decal-Caution
13	323-12	1	Screw-HH	37	3296-39	2	Nut-Lock, NI
14	1-373034	1	Washer	39	323-6	2	Screw-HH
15	32128-21	1	Nut-HF	40	1-413497	1	Bellcrank
16	302-19	1	Fitting-Grease	41	95-2814	1	Decal-Shut Off, Fuel
17	1-603402	1	Spring-Extension	42	323-7	1	Screw-HH
18	322-5	1	Screw-HH	43	110-0543	1	Belt-V
19	1-603801	1	Anchor-Spring	44	3296-42	1	Nut-Lock, NI
20	32128-20	2	Nut-HF	45	3256-22	1	Washer-Flat
21	1-803050	4	Screw-Set	46	1-603727	1	Clip-Loom
22	106-2740	1	V-Belt	47	1-323430	1	Module-Interlock
23	1-807272	2	Key	48	1-633181	1	Plate-Tapped
24	1-413010	2	Sheave ASM	49	1-513051	1	Switch-Open, Normally



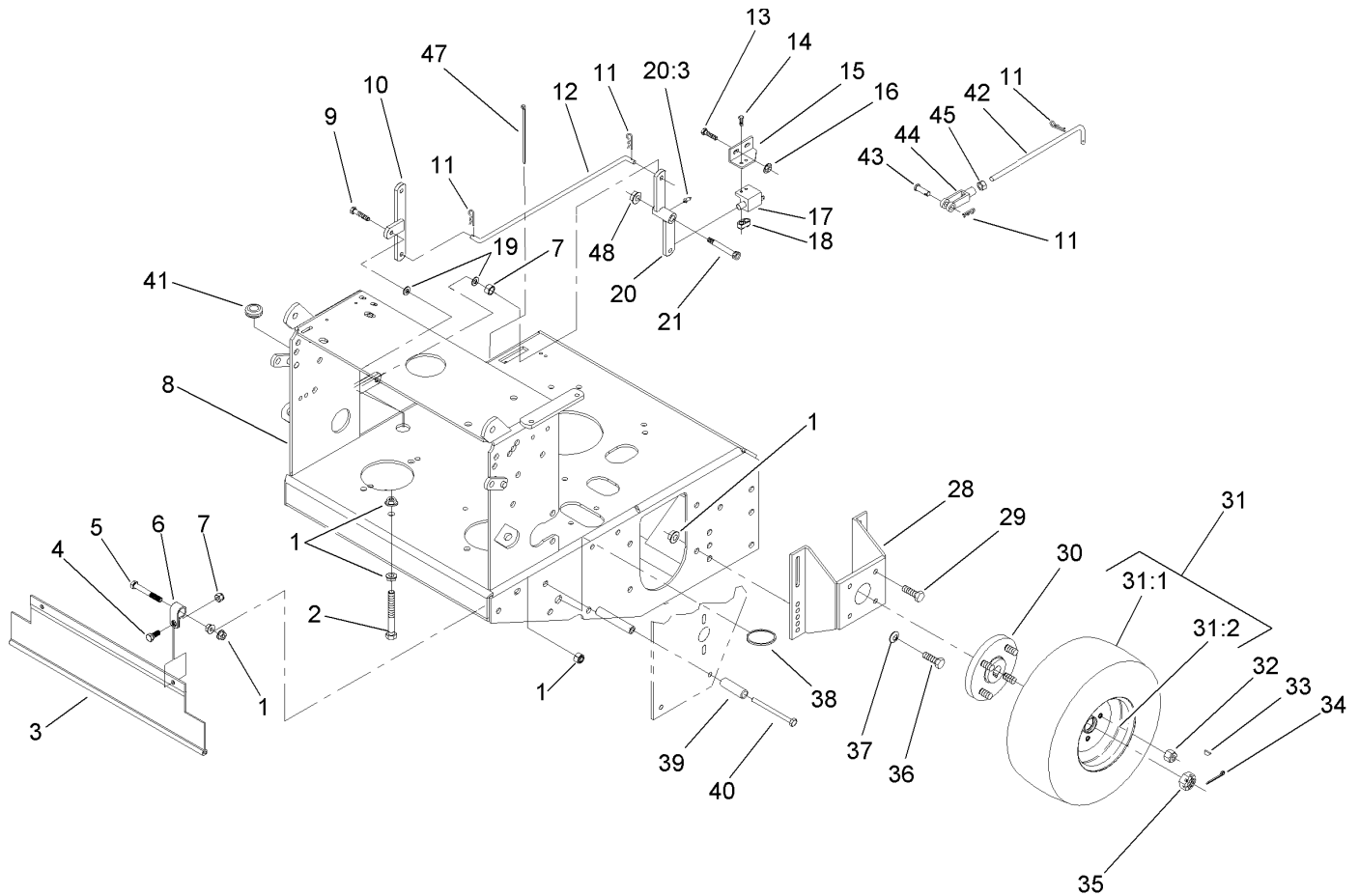
Drive Assembly (continued)

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

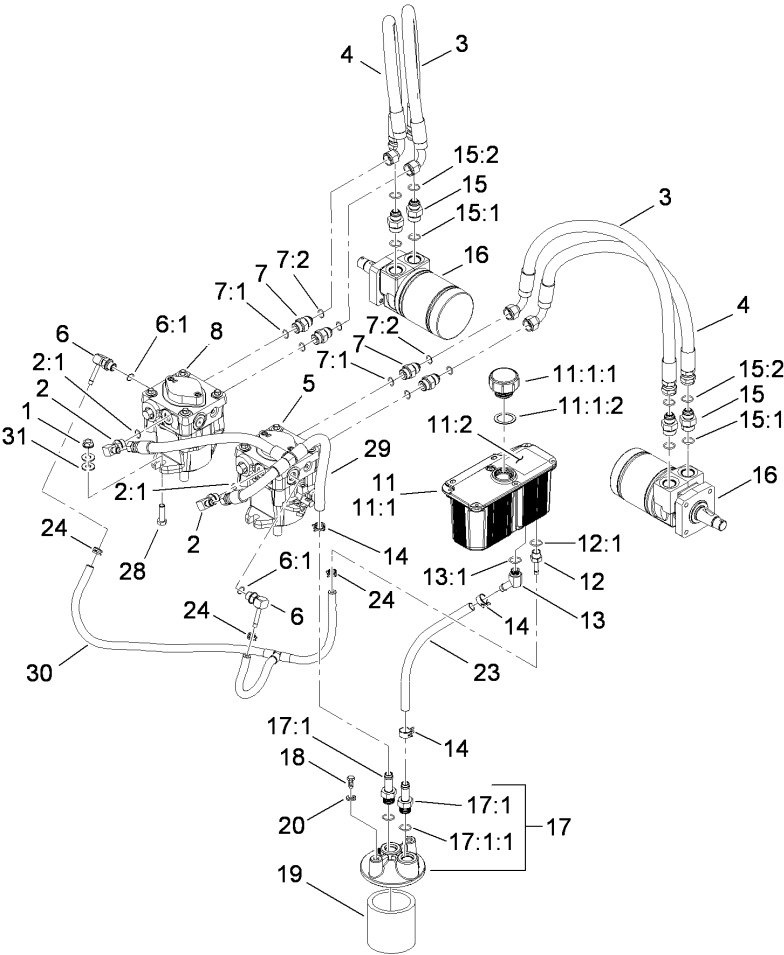
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	1-513051	1	Switch-Open, Normally	25	103-2399	1	Pin-Spring, Clevis
2	1-633181	1	Plate-Tapped	26	32128-21	2	Nut-HF
3	3296-39	1	Nut-Lock, NI	27	323-6	3	Screw-HH
4	1-412501-03	1	Lever-Parkbrake	28	103-2103	1	Decal-Brake, Park
5	1-303020	1	Grip-Lever	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-Cotter, 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-Cotter, 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

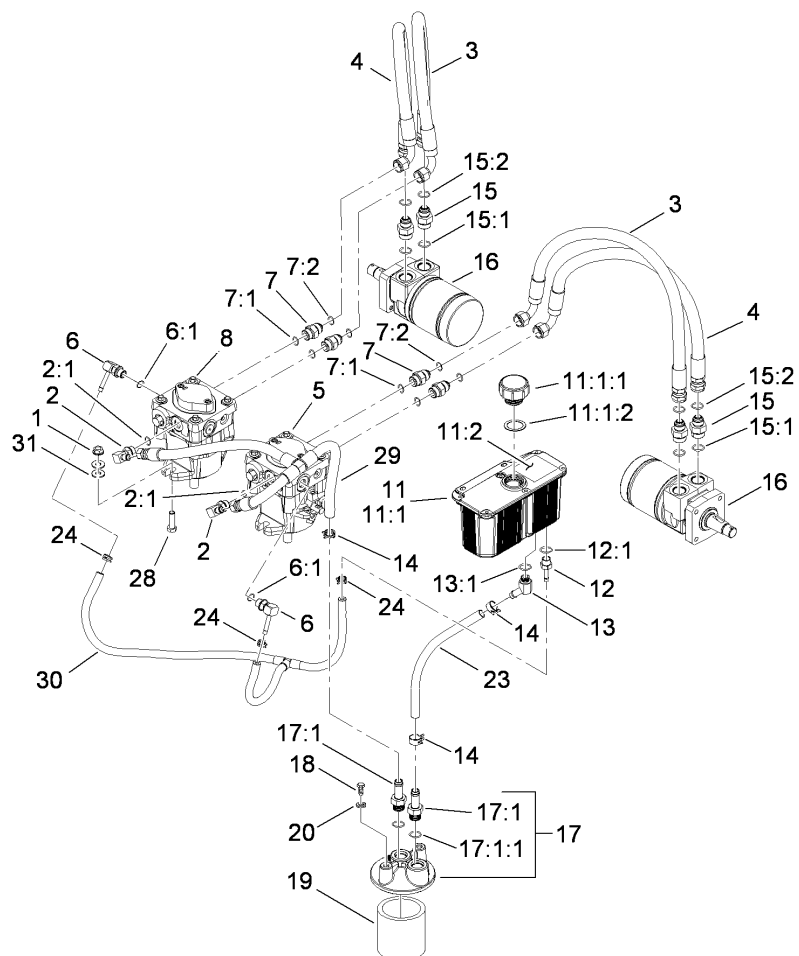
Ref	Part No.	Qty.	Description
30	1-602997	2	Hub ASM W/Studs
31	1-613263	2	Wheel And Tire ASM
31:1	1-613264	1	Tire-Turfmaster
31:2	1-603715	1	Wheel-Rim
32	242-50	8	Nut-Lug
33	1-807019	2	Key-Woodruff
34	1-806800	2	Pin-Cotter
35	32136-5	2	Nut-Hex, Slotted
36	323-6	8	Screw-HH
37	98-5975	8	Washer-Belleville
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 System Assembly

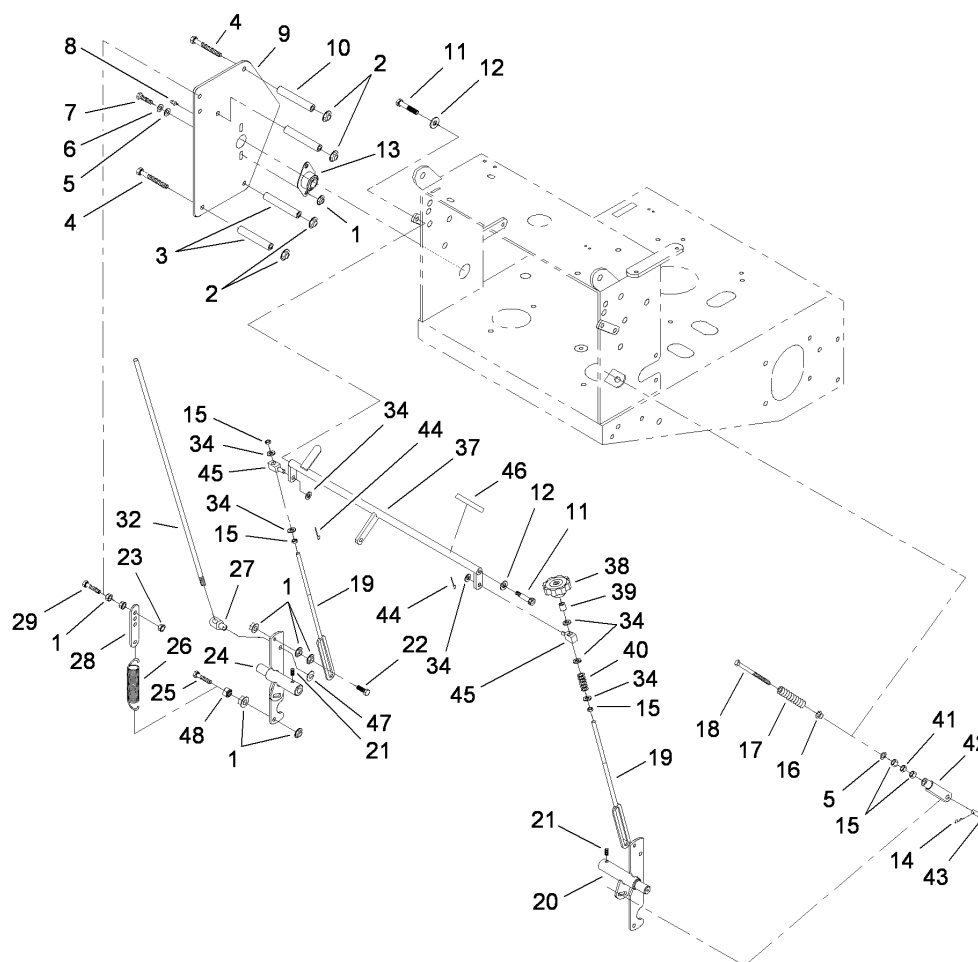
Ref	Part No.	Qty.	Description
1	3290-357	4	Nut-HHF, Whiz
2	103-1802	2	Fitting-HYD, 90 DEG
2:1	1-603921	1	O-Ring
3	1-323241	2	Hose-Pressure, High
4	1-613034	2	Hose-Pressure, High
5	109-4987	1	Pump-HYD
15:1	103-2664	1	Input Shaft Kit
15:2	94-6922	1	Bearing-Thrust
15:3	103-2666	1	Cylinder Block Kit
15:4	105-6185	1	Plate-Valve
15:5	105-6184	1	Seal Overhaul 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
18:1	103-2664	1	Input Shaft Kit
18:2	94-6922	1	Bearing-Thrust
18:3	103-2666	1	Cylinder Block Kit
18:4	105-6185	1	Plate-Valve
18:5	105-6184	1	Seal Overhaul Kit
11	107-8433	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	115-4212	1	Decal-Warning
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 System Assembly (continued)

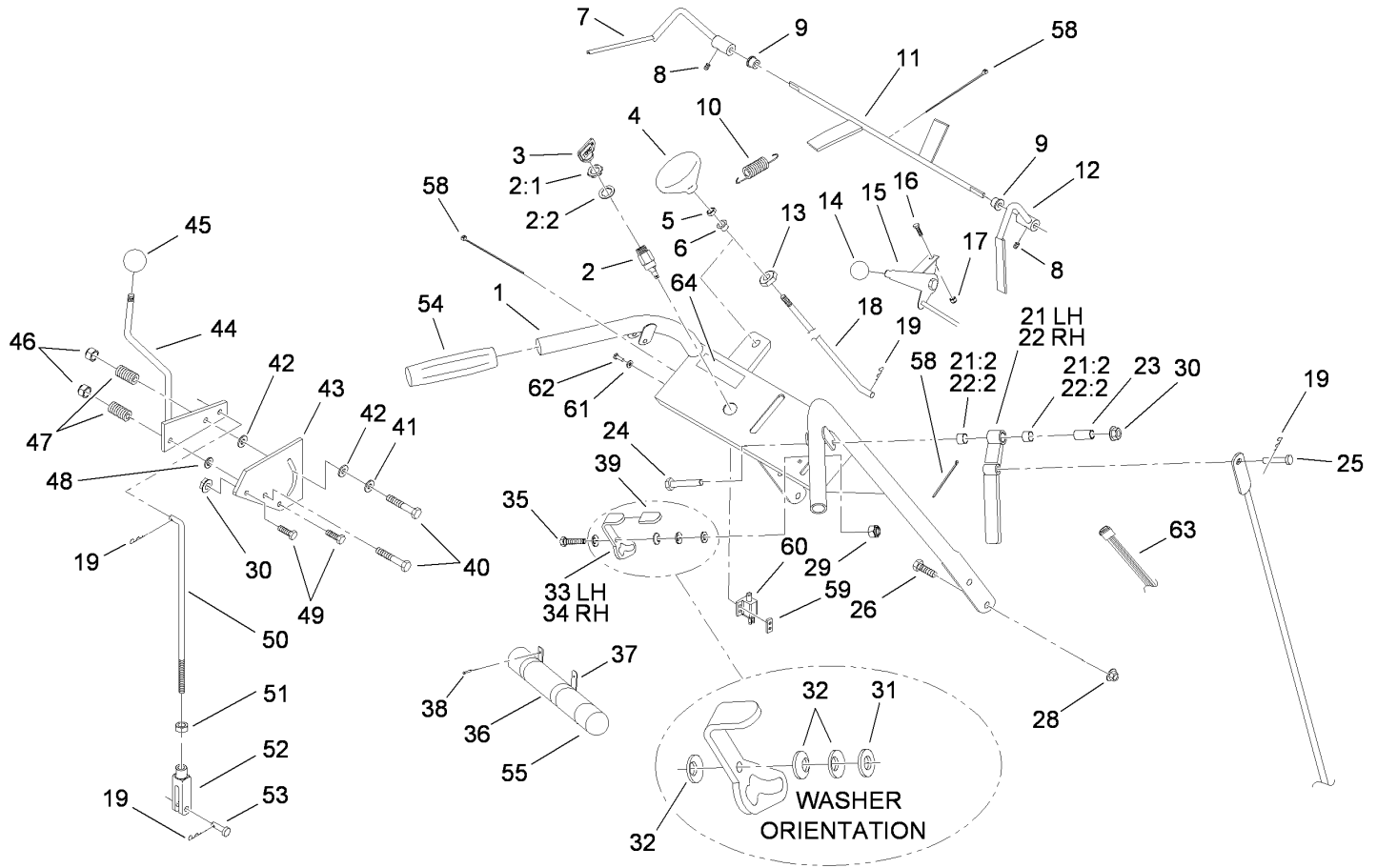
Ref	Part No.	Qty.	Description
31	3256-3	8	Washer-Flat



Lower Control 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-Cotter, Hair
15	3219-2	7	Nut-Hex
16	109-3769	2	Bushing-Nylon, 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	3246-4	2	Screw-Set
22	1-403180	2	Screw-HH
23	3296-29	2	Nut-Lock, NI
24	103-1190-01	1	Shaft-Control, LH

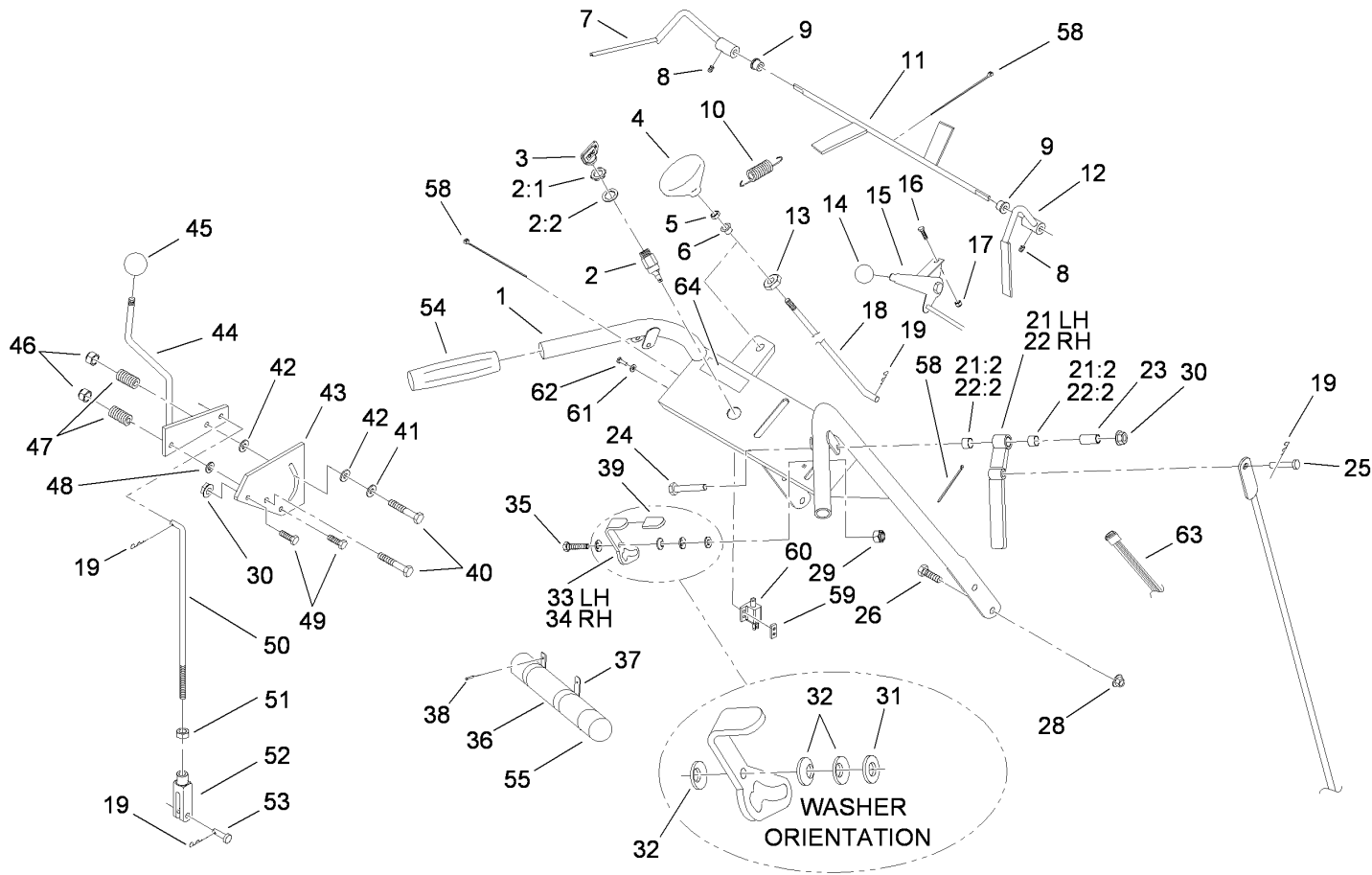
Ref	Part No.	Qty.	Description
25	322-6	2	Screw-HH
26	1-603693	2	Spring-Extension
27	103-1235	2	Swivel-Lever, Drive
28	1-613089	2	Tab-Spring, Extension
29	1-800016	2	Bolt-TAP, HH
32	1-413219	2	Rod-Lever, Drive
34	3256-23	7	Washer-Flat
37	1-412203-01	1	Crank-Control, Speed
38	1-413151	1	Knob-Tracking
39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



Upper Handle Assembly

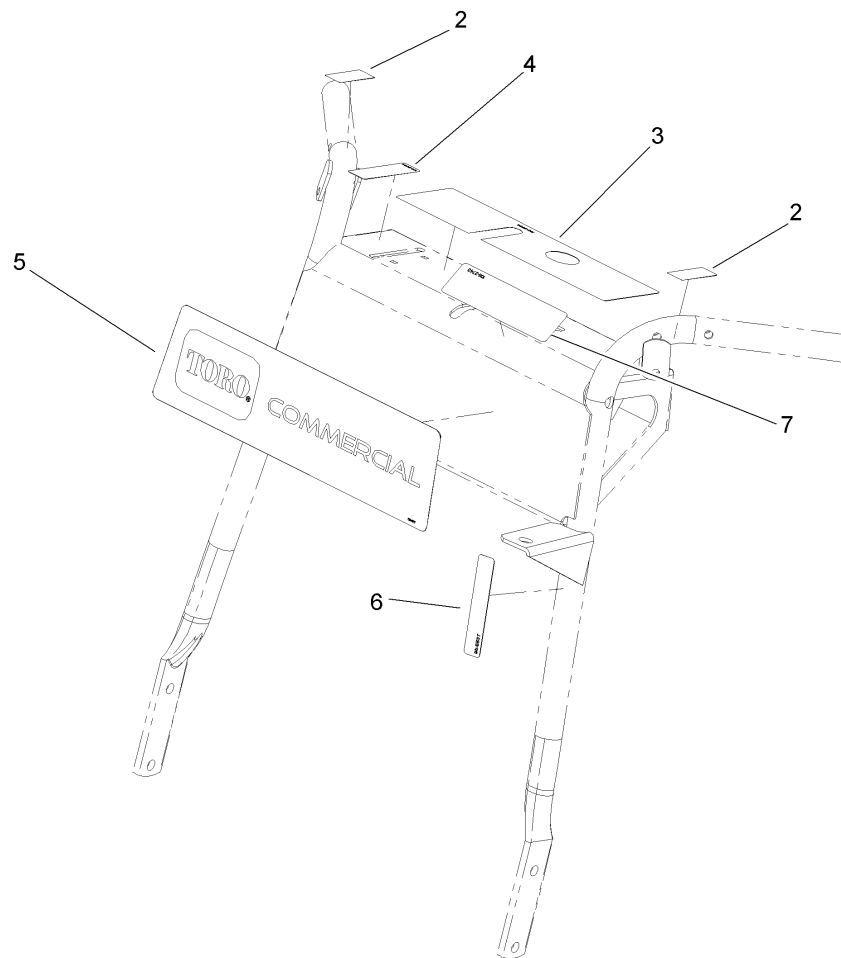
Ref	Part No.	Qty.	Description
1	110-6907	1	Hydro Handle ASM
2	29-5560	1	Switch-On / Off
2:1	218-461	1	Nut-HH
2:2	3254-5	1	Washer-Tooth
3	63-8360	1	Key-Ignition
4	1-323134	1	Knob-Push / Pull
5	3218-2	1	Nut-Jam
6	1-323143	1	Bearing-Nylon
7	106-5485	1	LH Operator Presence Control Lever ASM
8	1-803322	2	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, NI
18	1-323181	1	Linkage-Blade
19	1-806003	5	Pin-Cotter, 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



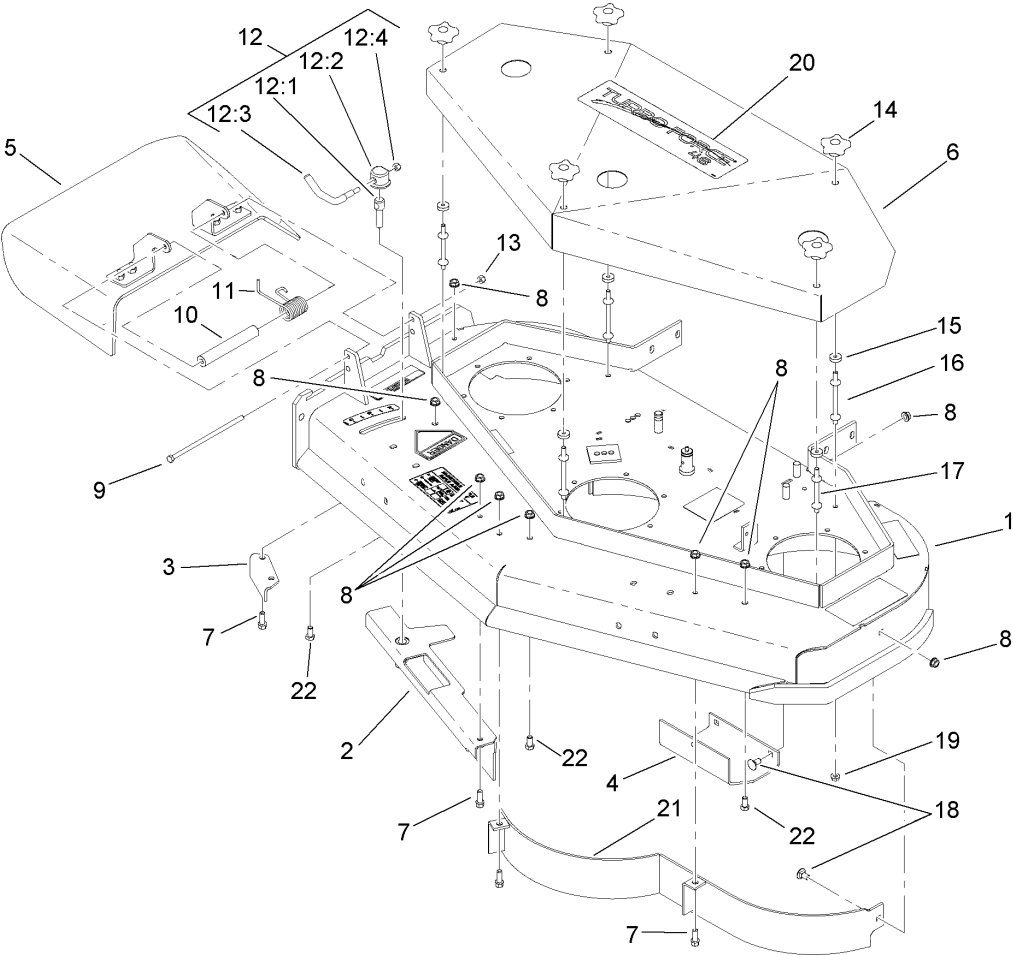
Upper Handle Assembly (continued)

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				
64	117-2718	1	Decal-Arrester, Spark				



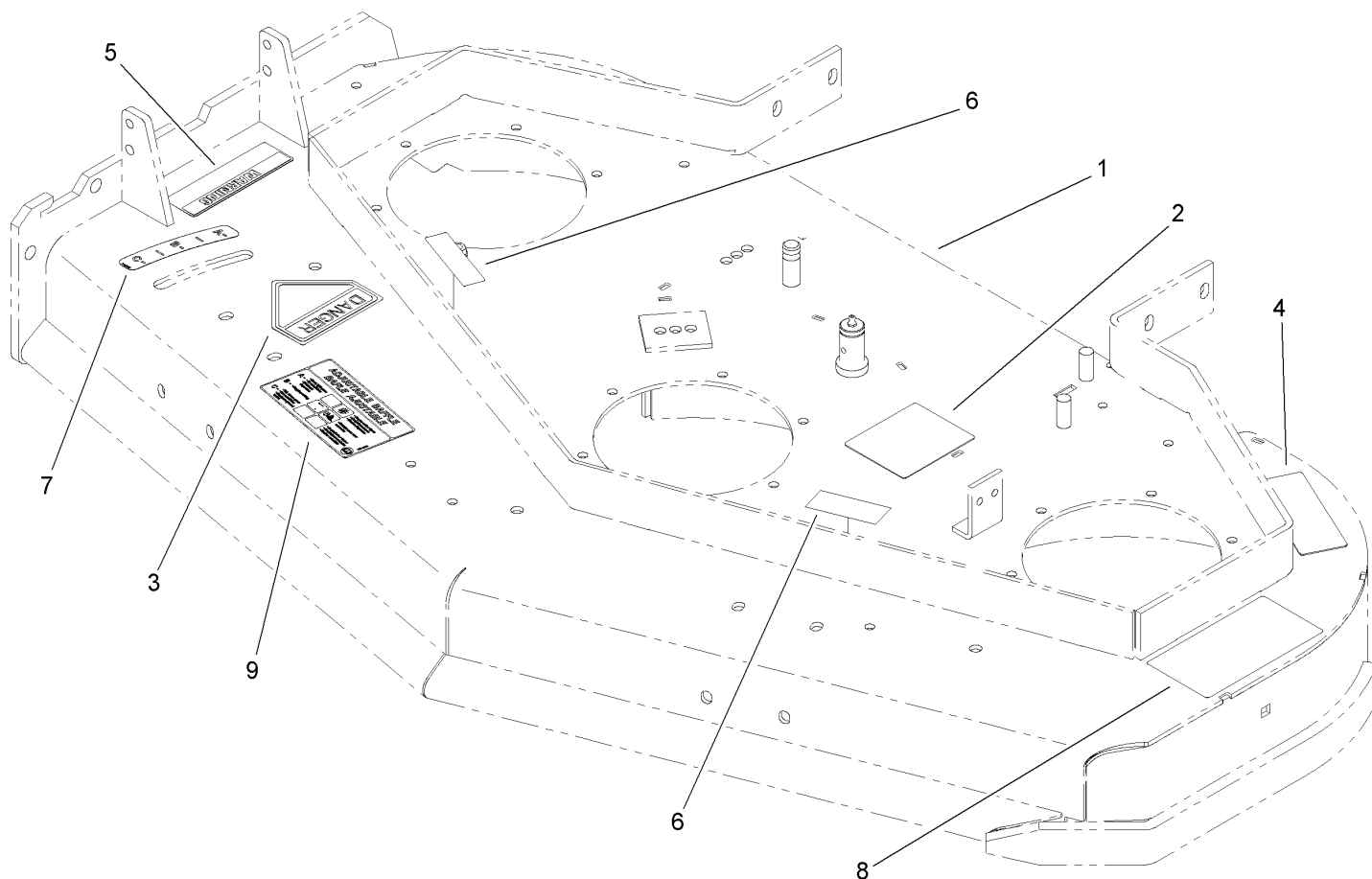
Control Handle Assembly No. 110-6907

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				



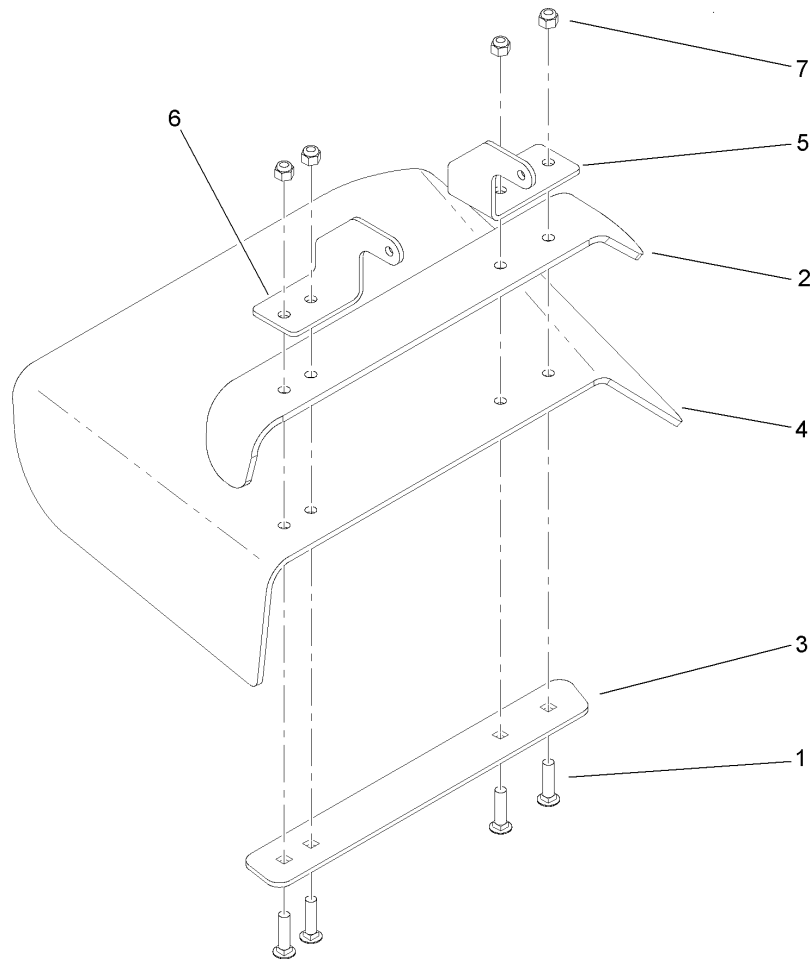
Deck Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-4909	1	Deck ASM	21	110-0735-03	1	Baffle ASM
2	110-0533-03	1	Baffle-Adjustable	22	323-4	3	Screw-HH
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-HWH				
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	112-9712	1	Decal				



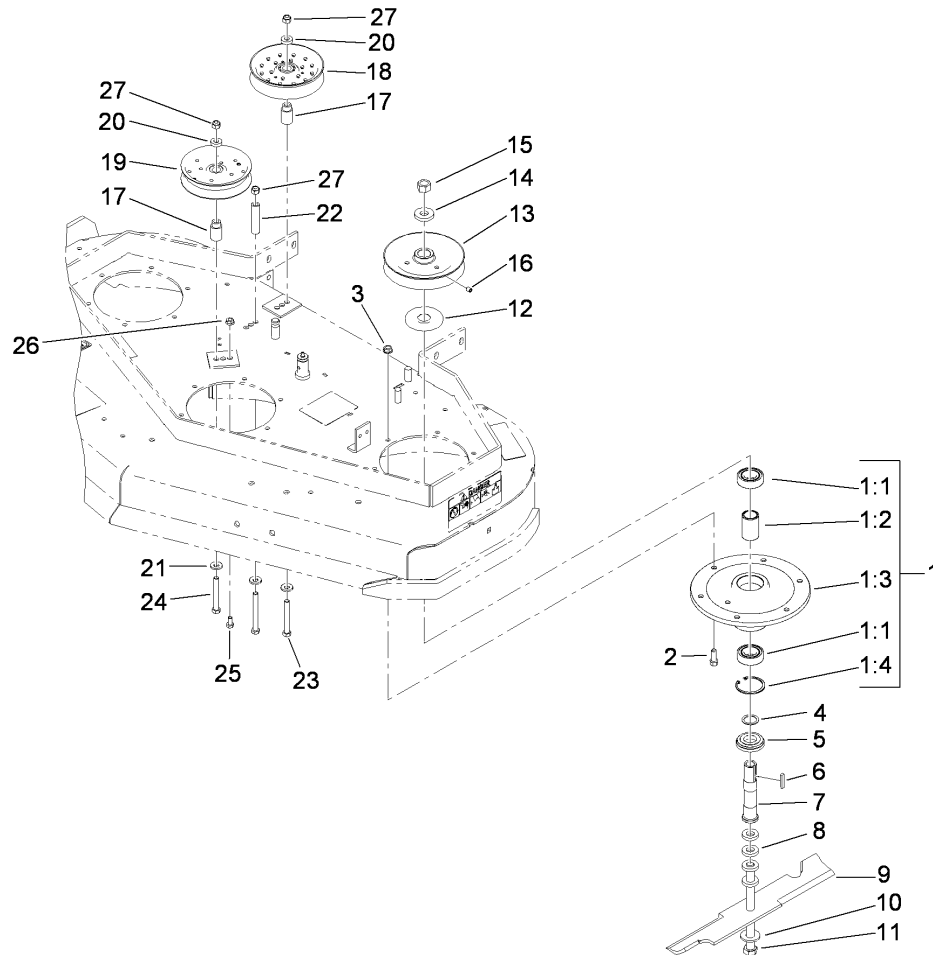
Deck Assembly No. 110-4909

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, Thrown Object
9	110-2068	1	Decal-Adjustment, Baffle



Deflector Assembly No. 110-0758

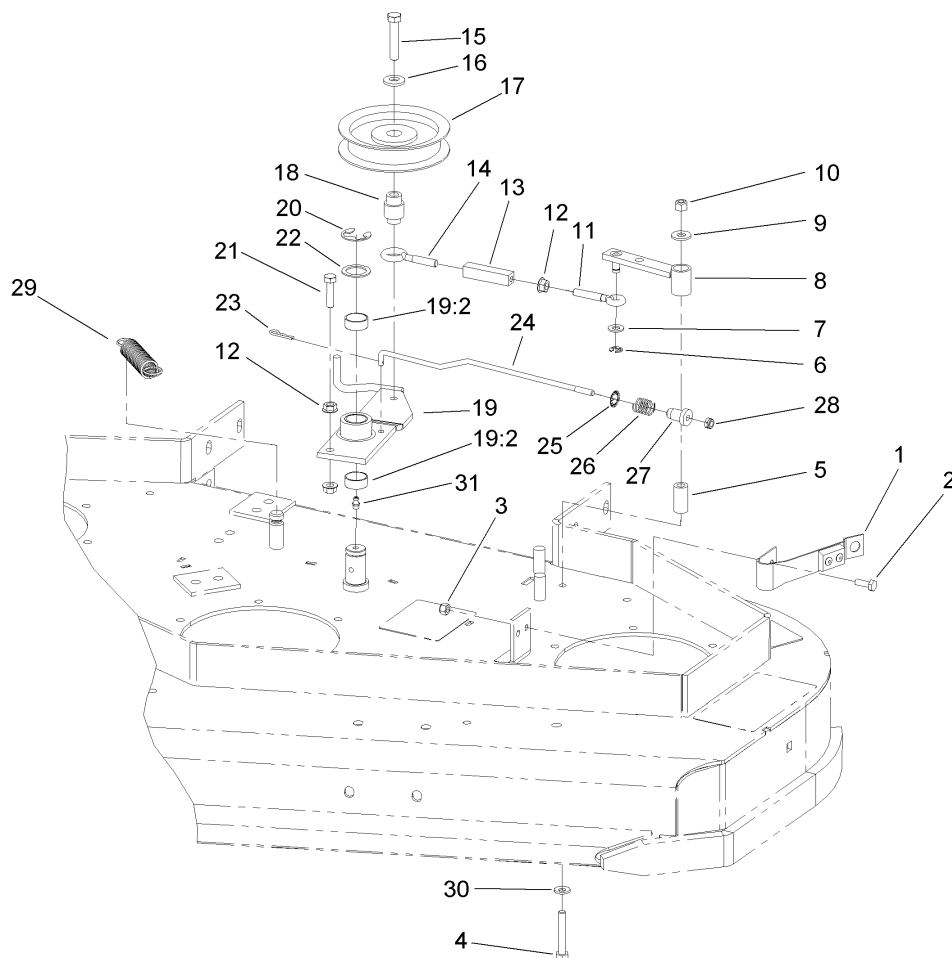
Ref	Part No.	Qty.	Description				
1	3231-4	4	Screw-CARR				
2	106-3246-01	1	Deflector				
3	106-3248-03	1	Strap-Discharge				
4	110-0759	1	Deflector-Rubber				
5	107-4197-01	1	Bracket-Hinge, Rear				
6	107-4196-01	1	Bracket-Hinge, Front				
7	3296-39	4	Nut-Lock, NI				



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-HWH
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	107-3192-03	3	Blade-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	1-413113	2	Bushing-Idler
18	1-403186	1	Idler-Pulley, Flat
19	1-613098	1	Pulley-Idler
20	5-0652	2	Spacer

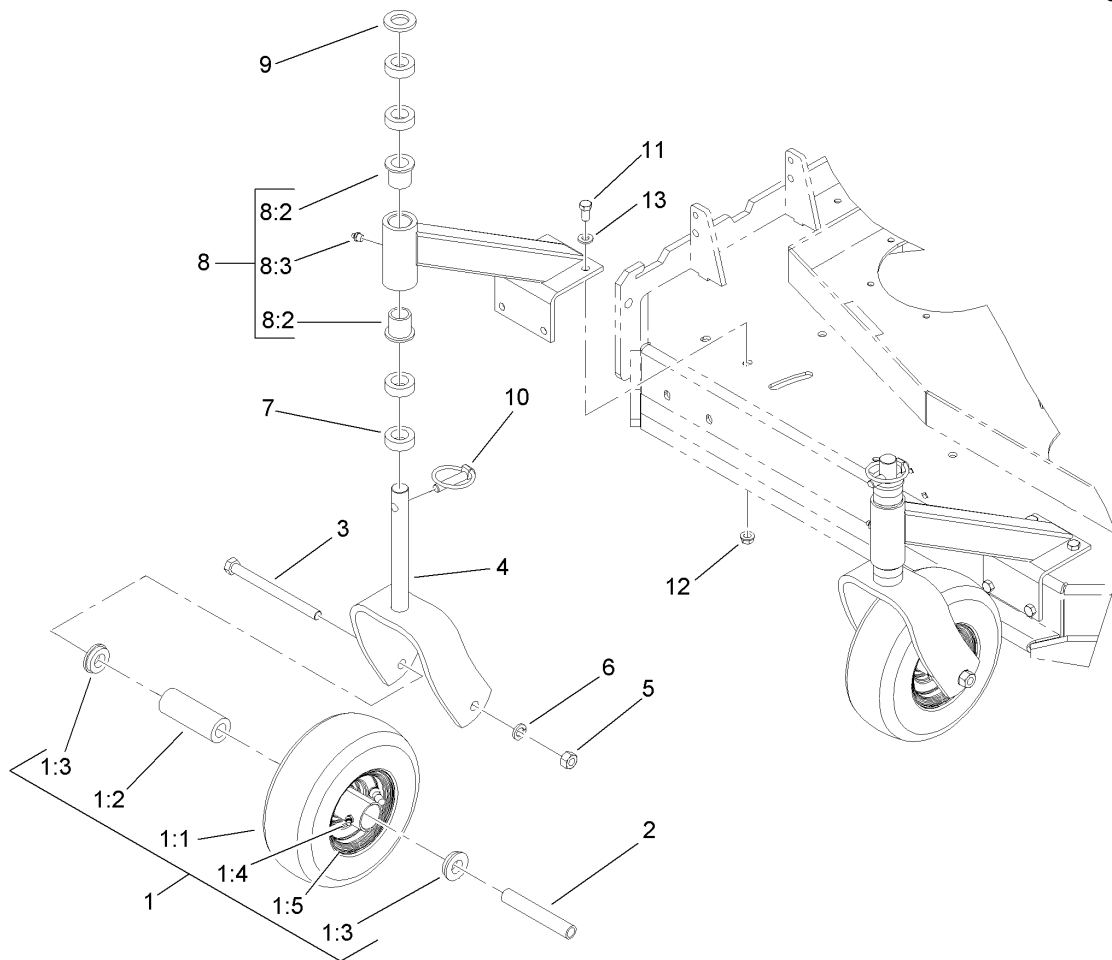
Ref	Part No.	Qty.	Description
21	98-5975	3	Washer-Belleville
22	1-403188	1	Spacer
23	323-15	1	Screw-HH
24	323-14	2	Screw-HH
25	322-2	1	Screw-HH
26	32128-20	1	Nut-HF
27	3296-39	3	Nut-Lock, NI



Idler Assembly

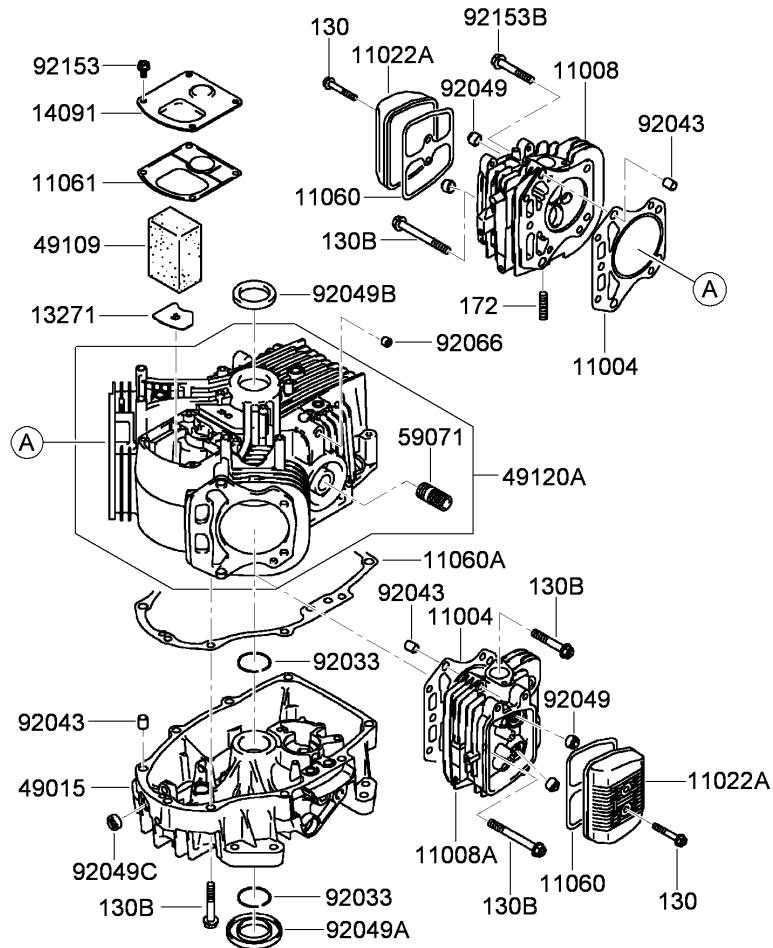
Ref	Part No.	Qty.	Description
1	1-324372	1	Pad And Spring ASM
2	321-4	2	Screw-HH
3	3296-42	2	Nut-Lock, NI
4	322-10	1	Screw-HH
5	1-403179	1	Tube-Pivot
6	32120-35	1	Ring-Retaining, EXT
7	3256-23	1	Washer-Flat
8	1-322235	1	Arm-Assist
9	3256-3	1	Washer-Flat
10	3296-29	1	Nut-Lock, NI
11	1-303238	1	Eyebolt-Thread, RH
12	32128-20	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-Cotter, Hair

Ref	Part No.	Qty.	Description
24	110-4932	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	1	Fitting-Grease



Caster Assembly

Ref	Part No.	Qty.	Description				
1	110-5023	2	Wheel And Tire ASM				
② 1:1		1	Tire				
1:2	1-513809	1	Bearing				
1:3	1-513810	2	Bushing				
1:4	302-61	1	Zerk				
② 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				

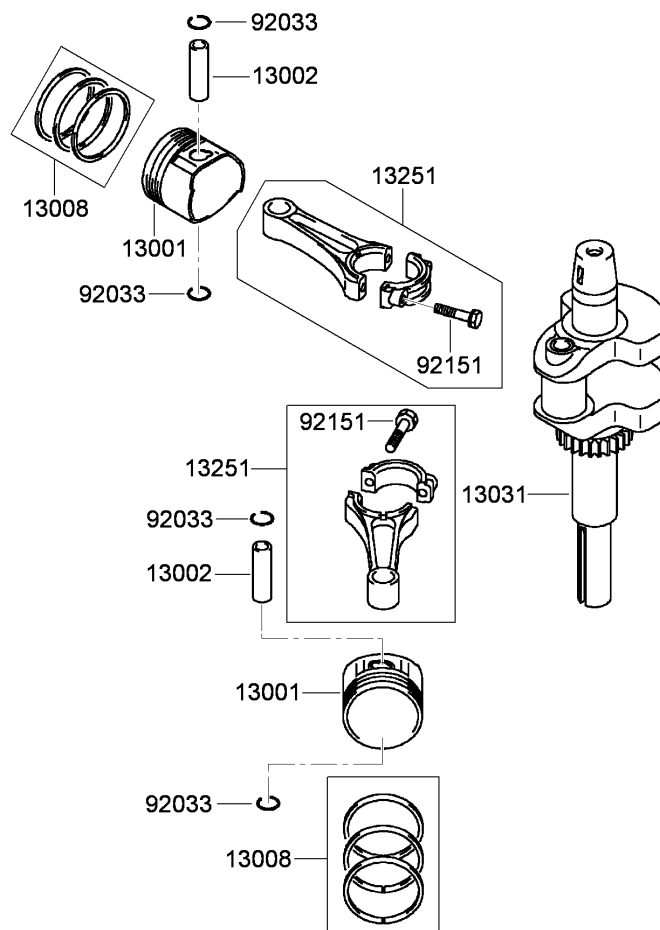


Cylinder and Crankcase Assembly

Kawasaki FH541V-FS23

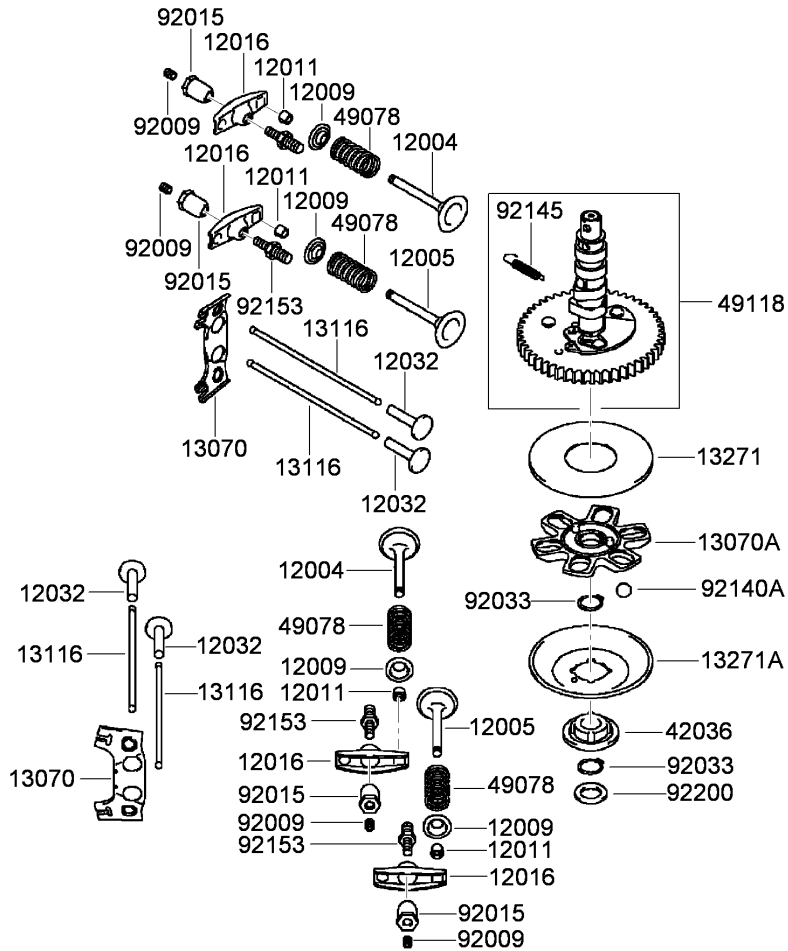
Ref	Part No.	Qty.	Description
❶130	130AA0640	4	Bolt-Flanged,6X40
❶130B	130CA0875	2	Bolt-Flanged (8X75)
❶172	172BA0818	4	Bolt-Stud (8X18)
❶11004	11004-7016	2	Gasket-Head
❶11008	11008-6043	1	Head-Cylinder, No. 1
❶11008A	11008-7020	1	Head-Cylinder, No. 2
❶11022A	11022-7018	2	Case-Rocker
❶11060	11060-7001	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
❶49120A	49120-7113	1	Crankcase
❶59071	59071-2079	1	Joint
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	92066-7026	1	Plug
❶92153	92153-7043	4	Bolt (6X12)

Ref	Part No.	Qty.	Description
❶92153B	92153-7054	17	Bolt (8X50)



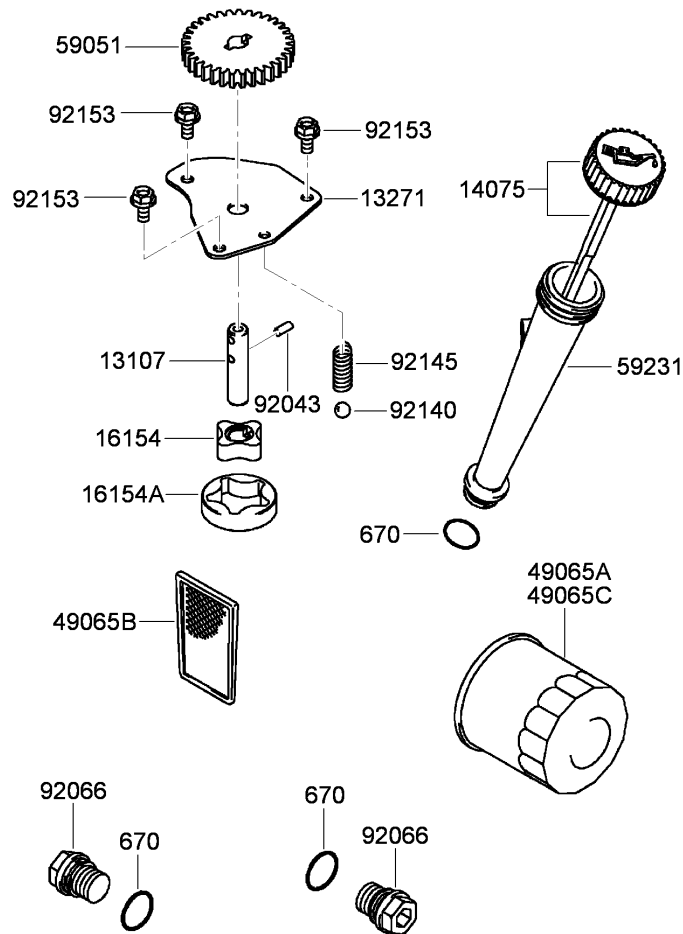
Piston and Crankshaft Assembly Kawasaki FH541V-FS23

Ref	Part No.	Qty.	Description				
③13001	13001-7010	2	Piston-Engine				
③13002	13002-7001	2	Pin-Piston				
③13008	13008-6060	2	Piston Ring Set				
③13031	13031-7073	1	Crankshaft				
③13251	13251-7010	2	Connecting Rod ASM				
③92033	92033-7002	4	Ring-Snap				
③92151	92151-7017	4	Bolt (6X35)				



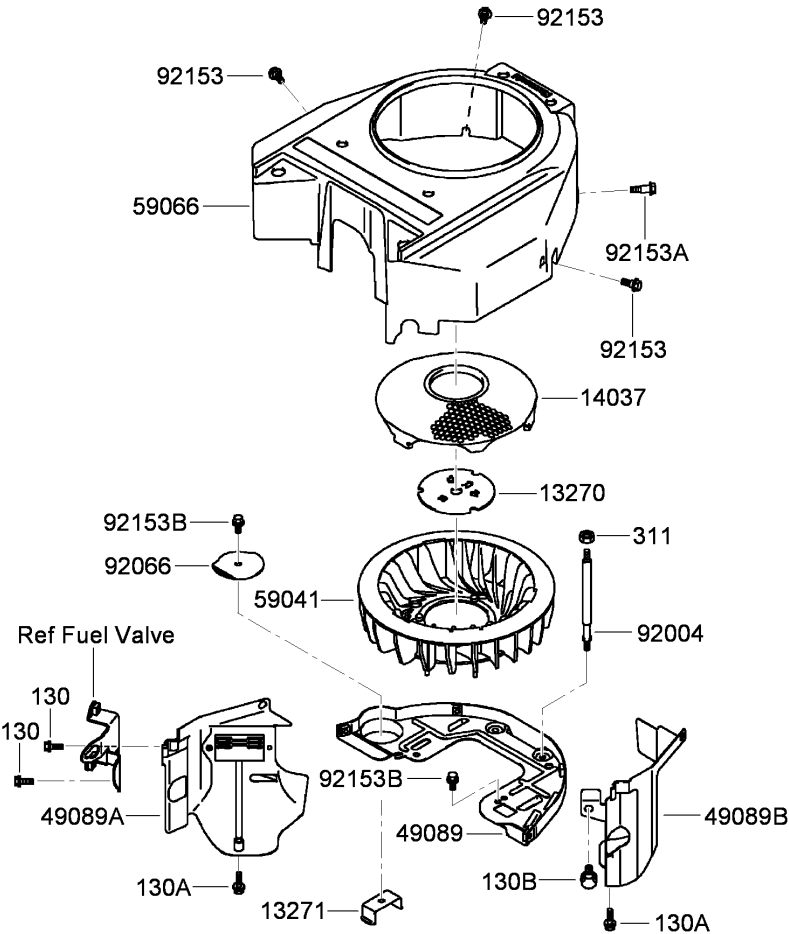
Valve and Camshaft Assembly
Kawasaki FH541V-FS23

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				
❶92140A	92140-7005	6	Ball				
❶92145	92145-7001	1	Spring				
❶92153	92153-7019	4	Bolt				
❶92200	92200-7001	1	Washer				



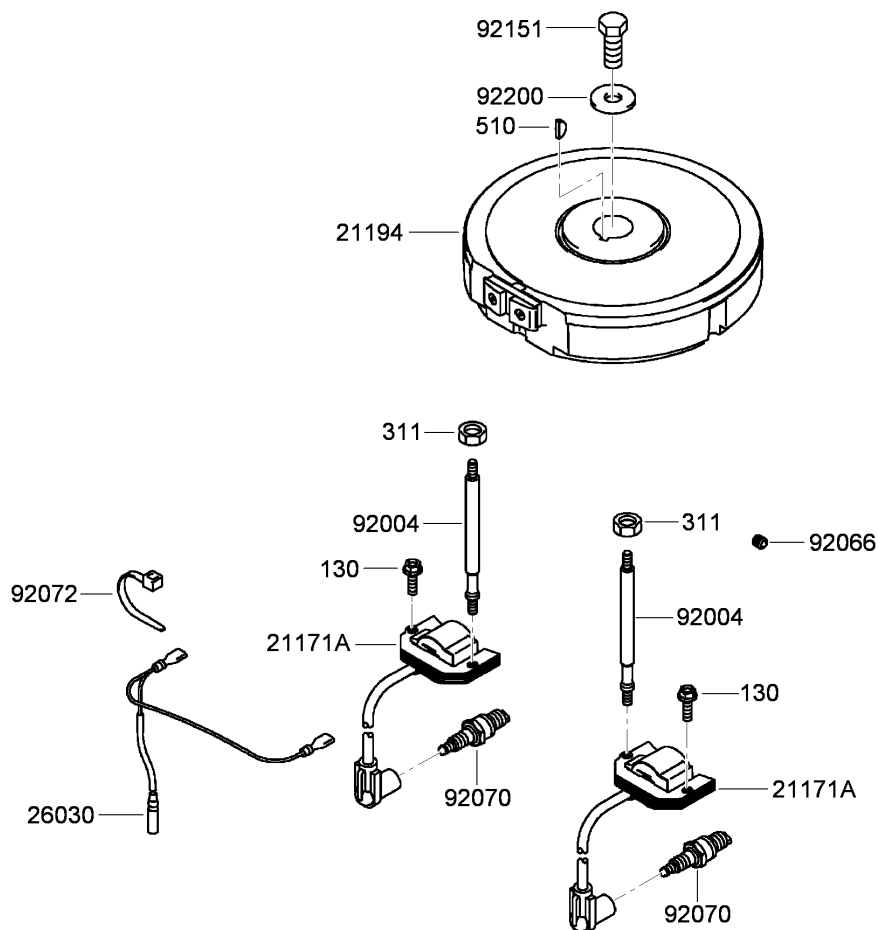
Lubrication Equipment Assembly
Kawasaki FH541V-FS23

Ref	Part No.	Qty.	Description				
❶670	670D2016	3	O-Ring (16Mm)				
❶13107	13107-7009	1	Shaft				
❶13271	13271-7017	1	Plate				
❶14075	14075-7009	1	Cap ASM				
❶16154	16154-2053	1	Rotor-Pump (In)				
❶16154A	16154-2054	1	Rotor-Pump (Out)				
❶49065A	49065-2078	1	Filter-Oil (Part May Be Used As Substitute And Is Supplied Until The Stock Is Exhausted)				
❶49065B	49065-7004	1	Filter-Oil				
❶49065C	49065-7010	1	Filter-Oil				
❶59051	59051-7011	1	Gear-Spur				
❶59231	59231-7005	1	Filler				
❶92043	92043-7003	2	Pin				
❶92066	92066-7003	2	Plug				
❶92140	92140-7003	1	Ball				
❶92145	92145-7002	1	Spring				
❶92153	92153-7043	3	Bolt (6X12)				



Cooling Equipment Assembly
Kawasaki FH541V-FS23

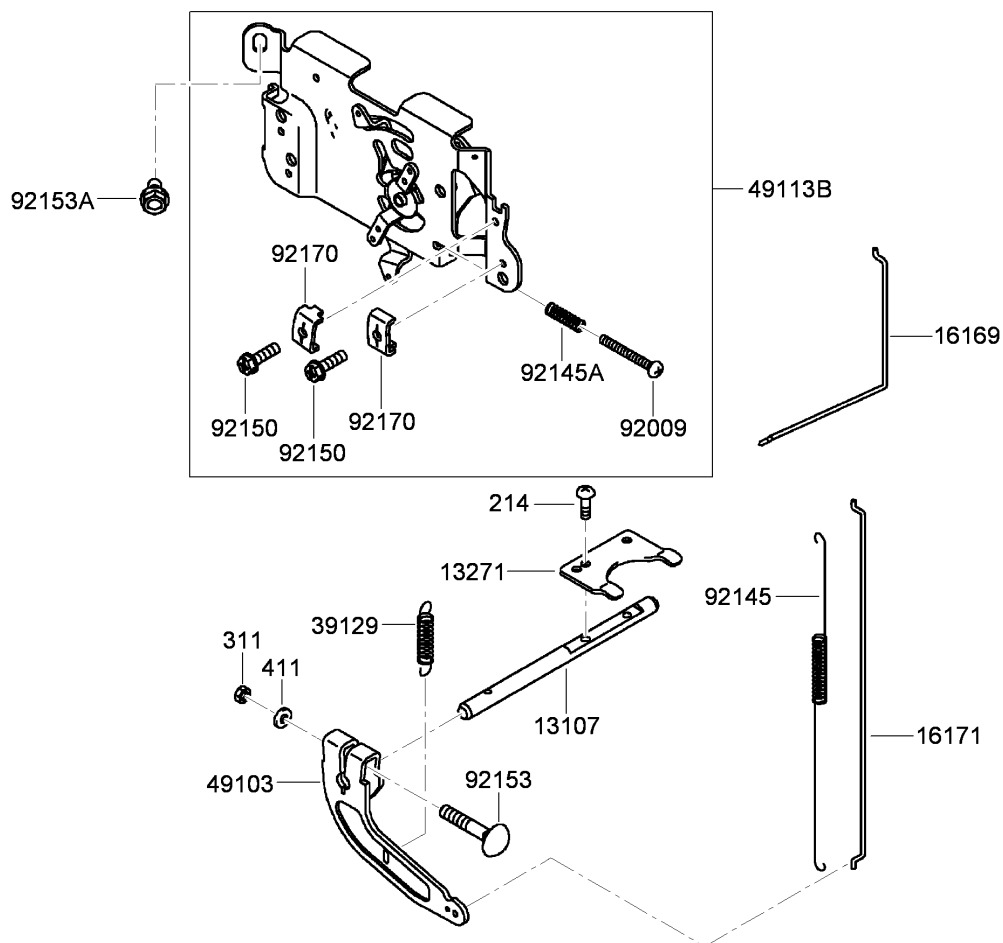
Ref	Part No.	Qty.	Description				
❶130	130AA0616	2	Bolt-Flanged,6X16				
❶130A	130AA0625	2	Bolt-Flanged (6X25)				
❶130B	130AA0816	1	Bolt-Flanged (8X16)				
❶311	311AA0600	2	Nut-Hex (6Mm)				
❶13270	13270-7007	1	Plate				
❶13271	13271-7002	1	Plate				
❶14037	14037-7025-9H	1	Screen				
❶49089	49089-7032	1	Shroud-Engine				
❶49089A	49089-7042	1	Shroud-Engine				
❶49089B	49089-7043	1	Shroud-Engine				
❶59041	59041-7012	1	Fan				
❶59066	59066-7037	1	Housing-Fan				
❶92004	92004-7006	2	Stud				
❶92066	92066-7004	1	Plug				
❶92153	92153-7007	3	Bolt				
❶92153A	92153-7008	1	Bolt				
❶92153B	92153-7043	3	Bolt (6X12)				



Electric Equipment Assembly

Kawasaki FH541V-FS23

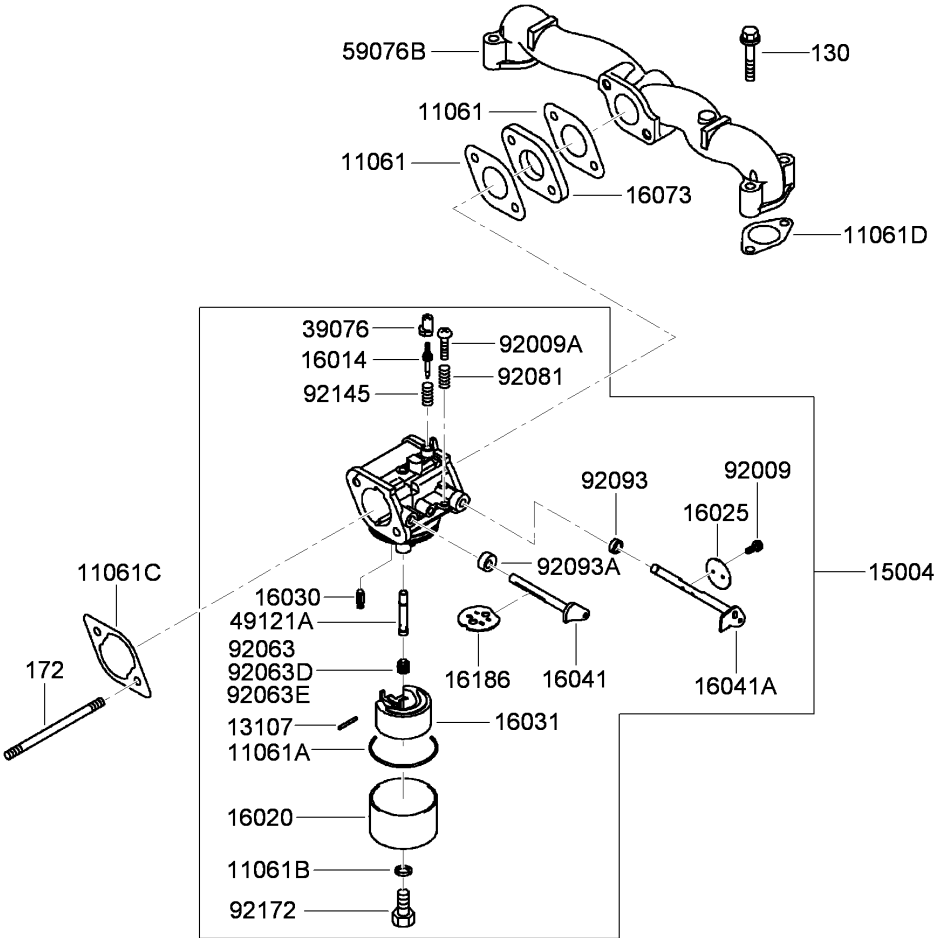
Ref	Part No.	Qty.	Description				
③130	130AA0620	2	Bolt-Flanged (6X20)				
③311	311AA0600	2	Nut-Hex (6Mm)				
③510	510A5100	1	Key-Woodruff				
③21171A	21171-7034	2	Ignition Coil ASM				
③21194	21194-7027	1	Flywheel				
③26030	26030-7001	1	Harness				
③92004	92004-7009	2	Stud				
③92066	92066-7026	1	Plug				
③92070	92070-7003	2	Spark Plug (R C J 8 Y, Solid)				
③92072	92072-7003	3	Band				
③92151	92151-2097	1	Bolt (12X30)				
③92200	92200-7002	1	Washer				



Control Equipment Assembly

Kawasaki FH541V-FS23

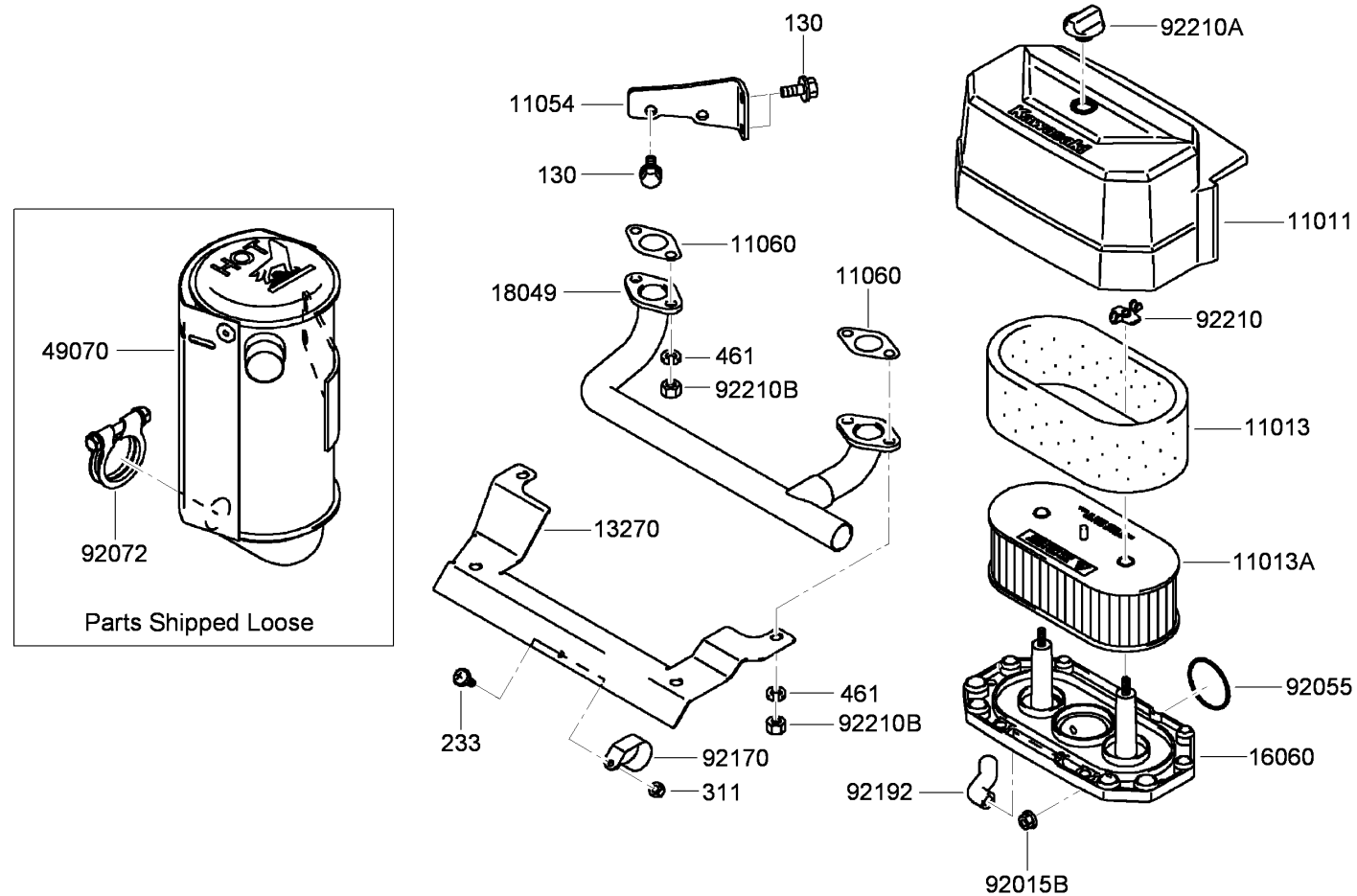
Ref	Part No.	Qty.	Description				
③214	214AA0408	2	Screw-Pan +- (4X8)				
③311	311AA0600	1	Nut-Hex (6Mm)				
③411	411AA0600	1	Washer-Plain (6Mm)				
③13107	13107-7010	1	Shaft				
③13271	13271-7032	1	Plate				
③16169	16169-7010	1	Link-Choke				
③16171	16171-7001	1	Link				
③39129	39129-7003	1	Spring-Governor				
③49103	49103-7004	1	Arm-Governor				
③49113B	49113-7054	1	Control Panel ASM				
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)				
③92153A	92153-7043	2	Bolt (6X12)				
③92170	92170-7001	2	Clamp				



Carburetor Assembly
Kawasaki FH541V-FS23

Ref	Part No.	Qty.	Description
❶130	130AA0635	4	Bolt-Flanged (6X35)
❶172	172BA0690	2	Bolt-Stud (6X90)
❶11061	11061-7004	2	Gasket-Insulator
❶11061A	11061-7009	1	Gasket-Chamber
❶11061B	11061-7010	1	Gasket-Screw
❶11061C	11061-7018	1	Gasket-Cleaner, Air
❶11061D	11061-7019	2	Gasket
❶13107	13107-7018	1	Shaft
❶15004	15004-7057	1	Carburetor ASM
❶16014	16014-7005	1	Screw-Air, Pilot
❶16020	16020-7003	1	Chamber-Float
❶16025	16025-7006	1	Valve-Throttle
❶16030	16030-7003	1	Valve-Float
❶16031	16031-7002	1	Float
❶16041	16041-7016	1	Shaft-Choke, Carburetor
❶16041A	16041-7018	1	Shaft-Throttle, Carburetor
❶16073	16073-7007	1	Insulator
❶16186	16186-7001	1	Choke Valve ASM
❶39076	39076-7001	1	Limiter
❶49121A	49121-7017	1	Nozzle-Main
❶59076B	59076-7017	1	Manifold-Intake
❶92009	92009-2083	2	Screw
❶92009A	92009-2349	1	Screw
❶92063	92063-7029	1	Jet-Main, No.82 (6560 Ft)

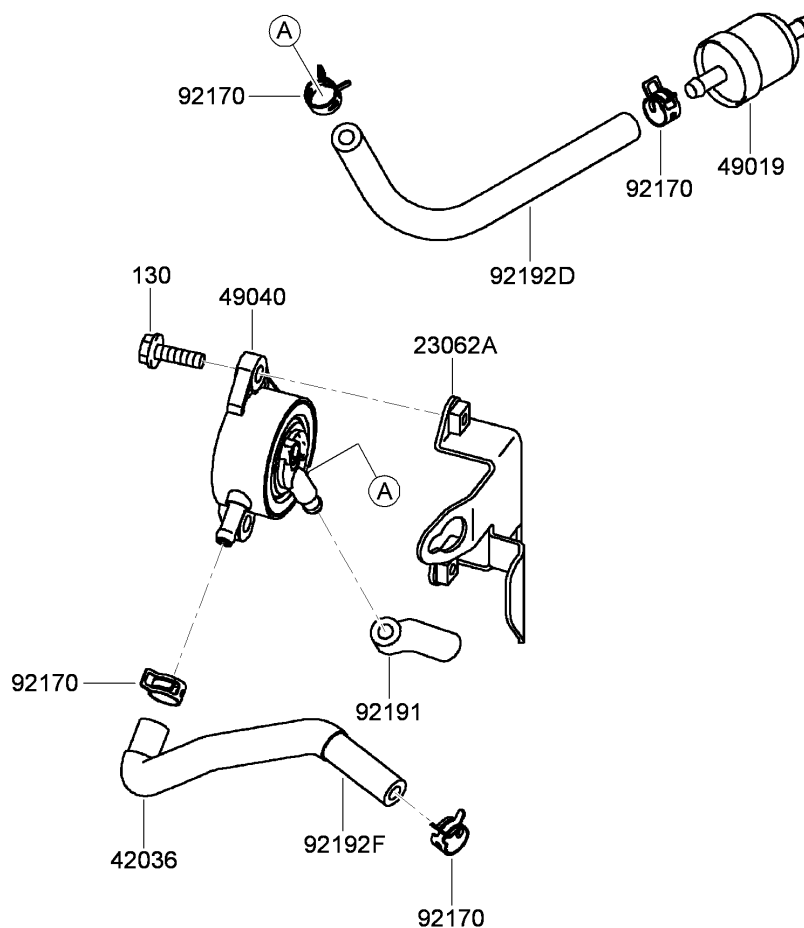
Ref	Part No.	Qty.	Description
❶92063D	92063-7147	1	Jet-Main, No.86
❶92063E	92063-7148	1	Jet-Main-No.84 (3280 Ft)
❶92081	92081-2234	1	Spring
❶92093	92093-2100	1	Seal
❶92093A	92093-7003	1	Seal
❶92145	92145-7015	1	Spring
❶92172	92172-7002	1	Screw



Air Filter and Muffler Assembly

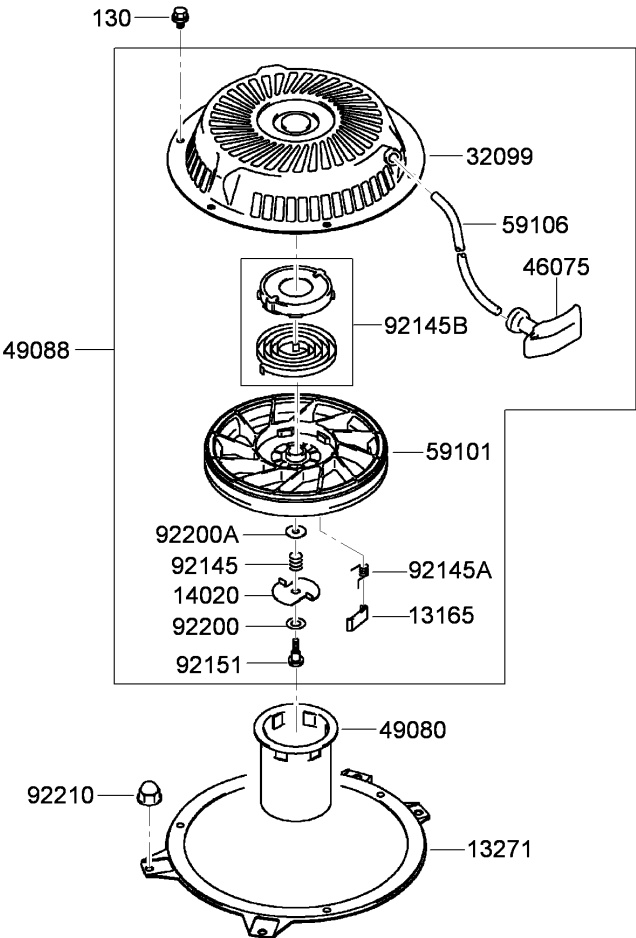
Kawasaki FH541V-FS23

Ref	Part No.	Qty.	Description				
❸130	130AA0816	3	Bolt-Flanged (8X16)				
❸233	233AA0416	1	Screw-Pan, Wp +-(4X16)				
❸311	311AA0400	1	Nut-Hex (4Mm)				
❸461	461DA0800	4	Washer-Spring (8Mm)				
❸11011	11011-7046	1	Case-Filter, Air				
❸11013	11013-7025	1	Element-Filter, Air				
❸11013A	11013-7031	1	Element-Filter, Air				
❸11054	11054-7002-9H	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	49070-7021	1	Muffler				
❸92015B	92015-1367	2	Nut				
❸92055	92055-7015	1	O-Ring				
❸92072	92072-7012	1	Band				
❸92170	92170-7002	1	Clamp				
❸92192	92192-7010	1	Tube				
❸92210	92210-7004	2	Nut (M6)				
❸92210A	92210-7019	1	Nut				
❸92210B	92210-7027	4	Nut (M8)				



Fuel Tank and Valve Assembly Kawasaki FH541V-FS23

Ref	Part No.	Qty.	Description				
③130	130AA0620	2	Bolt-Flanged (6X20)				
③23062A	23062-7019-9H	1	Bracket				
③42036	42036-7012	1	Sleeve				
③49019	49019-7001	1	Filter-Fuel				
③49040	49040-7001	1	Pump-Fuel				
③92170	92170-2009	4	Clamp				
③92191	92191-7002	1	Tube				
③92192D	92192-7135	1	Tube (6.35X12.7X160)				
③92192F	92192-7136	1	Tube (6.35X12.7X180)				



Starter Assembly **Kawasaki FH541V-FS23**

Ref	Part No.	Qty.	Description				
❶ 130	130AA0608	3	Bolt-Flanged (6X8)				
❶ 13165	13165-7001	2	Pawl-Starter, Recoil				
❶ 13271	13271-7003-9H	1	Plate				
❶ 14020	14020-7001	1	Retainer				
❶ 32099	32099-7002	1	Case-Starter, Recoil				
❶ 46075	46075-7001	1	Grip-Starter, Recoil				
❶ 49080	49080-7001	1	Pulley-Starting				
❶ 49088	49088-7013	1	Starter-Recoil				
❶ 59101	59101-7001	1	Reel-Starter, Recoil				
❶ 59106	59106-7005	1	Rope				
❶ 92145	92145-7006	1	Spring				
❶ 92145A	92145-7007	2	Spring				
❶ 92145B	92145-7008	1	Spring				
❶ 92151	92151-7008	1	Bolt				
❶ 92200	92200-7004	1	Washer				
❶ 92200A	92200-7005	1	Washer				
❶ 92210	92210-0003	4	Nut				

Attachments and Accessories

For 38988 - 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
Operator-Controlled Discharge Chute Kit	115-4195
Soft Bag (3 Bushel)	30104
Sulky	30109

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