Form No. 3364-487 Rev A

TORO®

Count on it.

Parts Catalog

Commercial Walk-Behind Mower

Fixed Deck, Pistol Grip, Gear Drive with 48in TURBO FORCE® Cutting Unit

Model No. 39638—Serial No. 311000001 and Up

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 illustration and in parts 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

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

LH: left hand

LP: Liquid Propane

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

RRB: rear roller brush

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

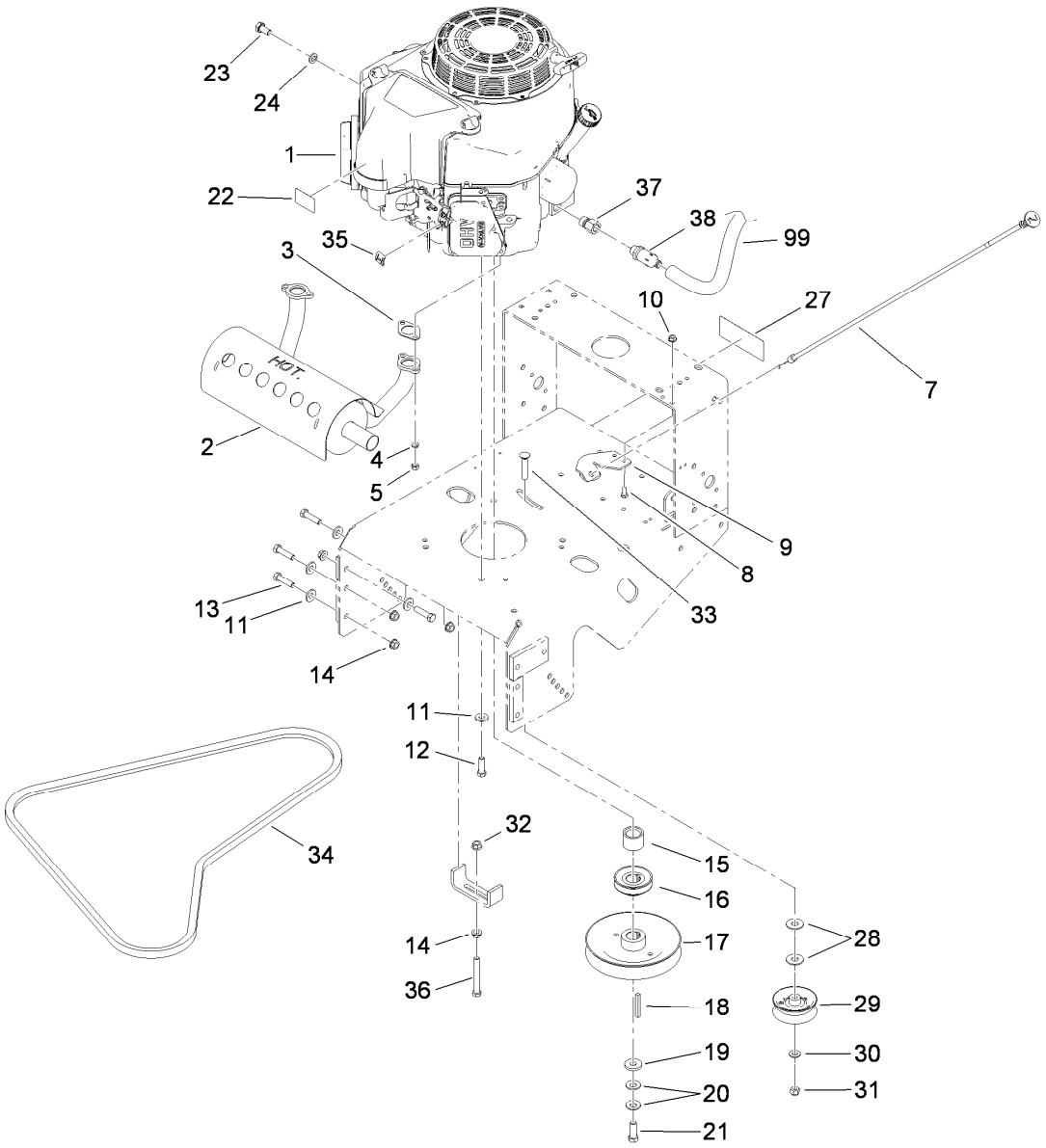
TTH: torx truss head

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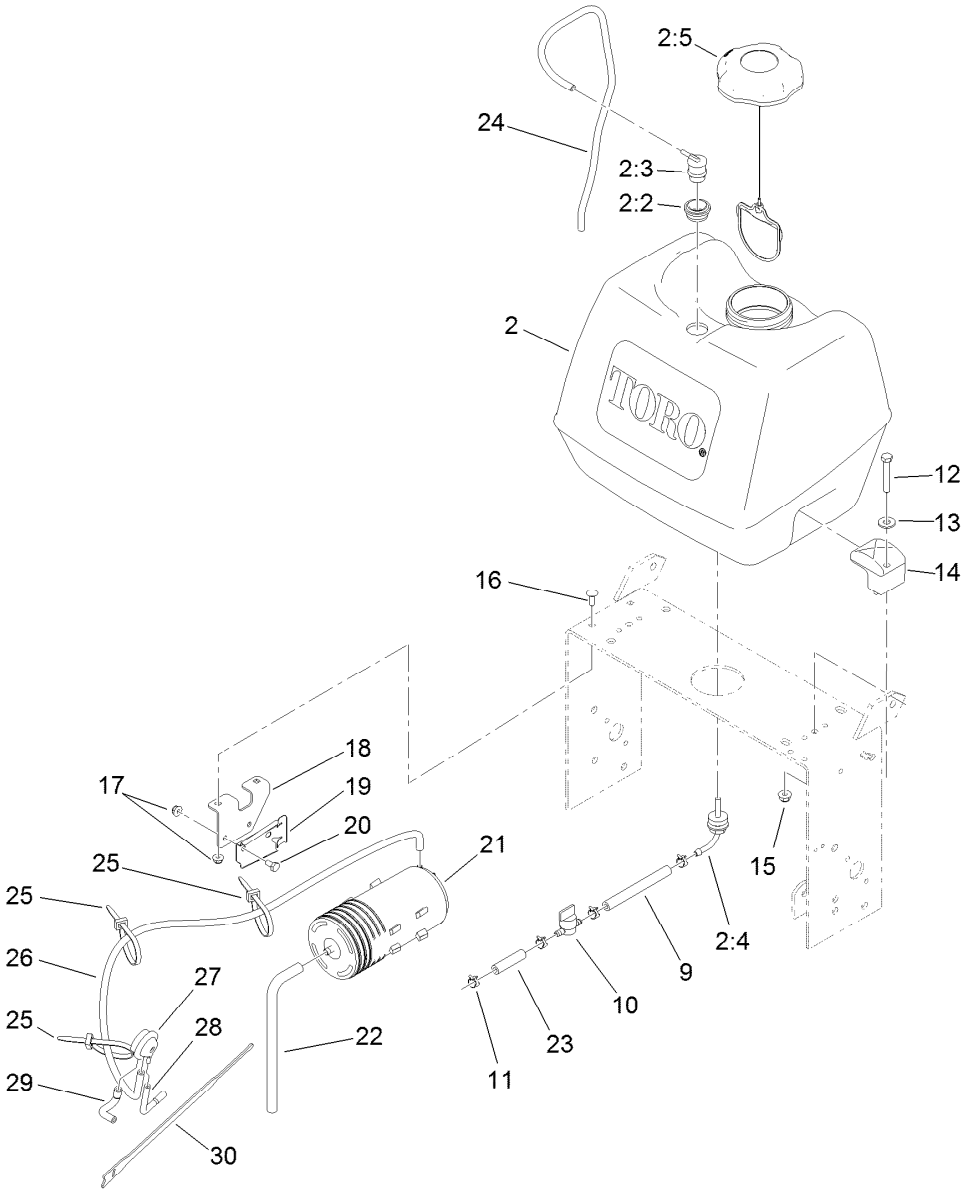


Engine and Exhaust Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fs481V-As06 ●■
2	116-4396	1	Muffler-Horizontal, Offset
3	1-653313	2	Gasket-Exhaust
4	114-3550	4	Washer-Lock, Spring
5	114-3549	4	Nut
7	103-1796	1	Cable-Choke
8	321-3	2	Screw-HH
9	103-1797-01	1	Bracket-Cable, Choke
10	32128-33	2	Nut-HF
11	98-5975	12	Washer-Belleville
12	323-7	4	Screw-HH
13	323-8	8	Screw-HH
14	3290-357	9	Nut-HHF, Whiz
15	1-633453	1	Spacer-Clutch
16	103-1666	1	Sheave-Transmission
17	110-4890	1	Pulley ASM
18	103-4177	1	Key
19	1-373034	1	Washer
20	1-603610	2	Washer-Spring
21	116-3702	1	Screw-HH
22	103-2076	1	Decal-Caution
23	33114-016	1	Screw-HH
24	3253-4	1	Washer-Lock
27	98-0776	1	Decal-Caution
28	3256-5	2	Washer-Flat
29	1-323285	1	Pulley-Idler, Flat
30	3256-24	1	Washer-Flat
31	3296-39	1	Nut-Lock, NI
32	32128-21	1	Nut-HF
33	3231-6	1	Screw-CARR
34	110-0543	1	Belt-V
35	81-1690	1	Clamp-Cable
36	323-14	1	Screw-HH
37	103-1966	1	Adapter
38	92-6877	1	Valve-Drain, Oil
99	103-1964	1	Hose-Drain, Oil

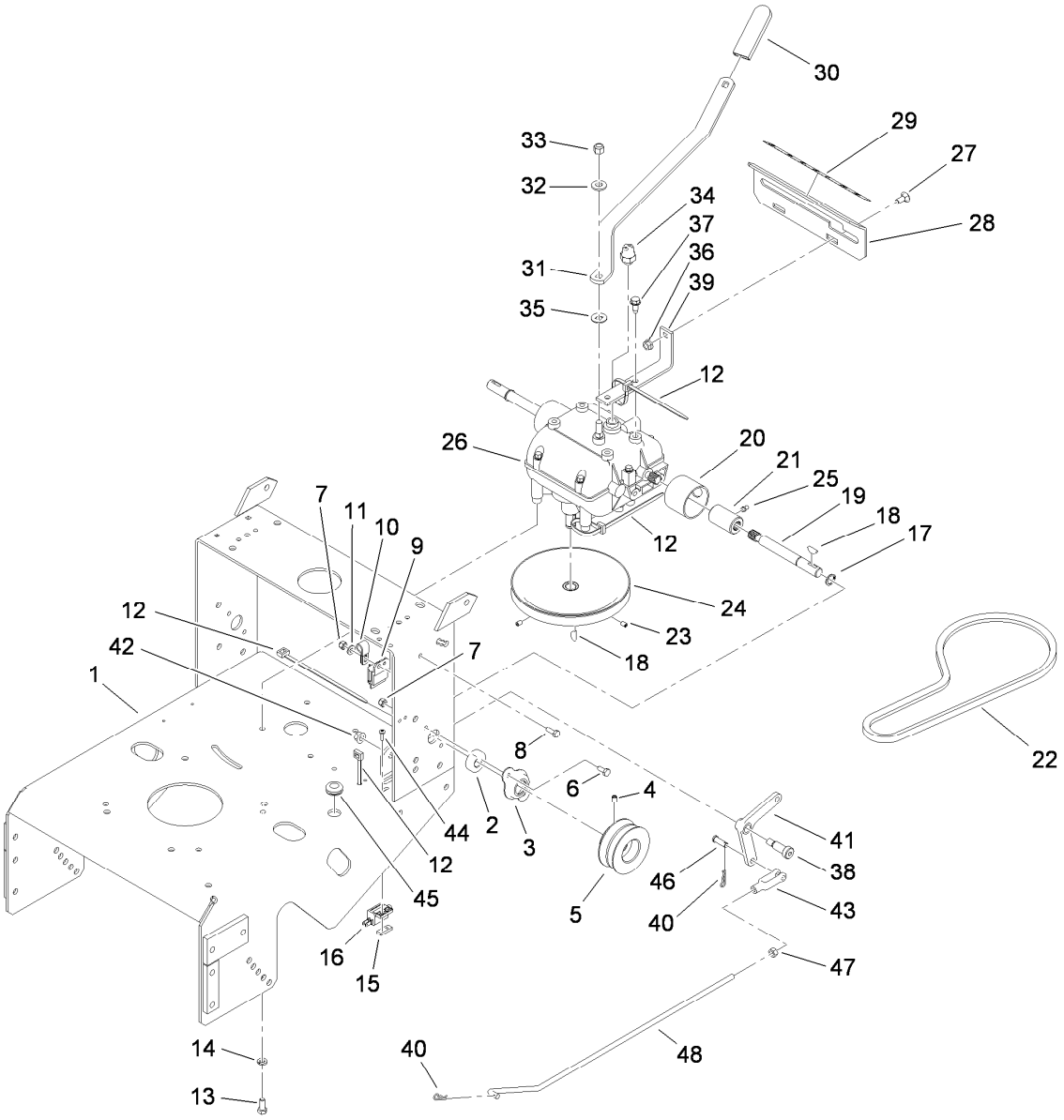
● Not serviced separately

■ Obtain parts from www.kawpowerepc.com



Fuel System Assembly

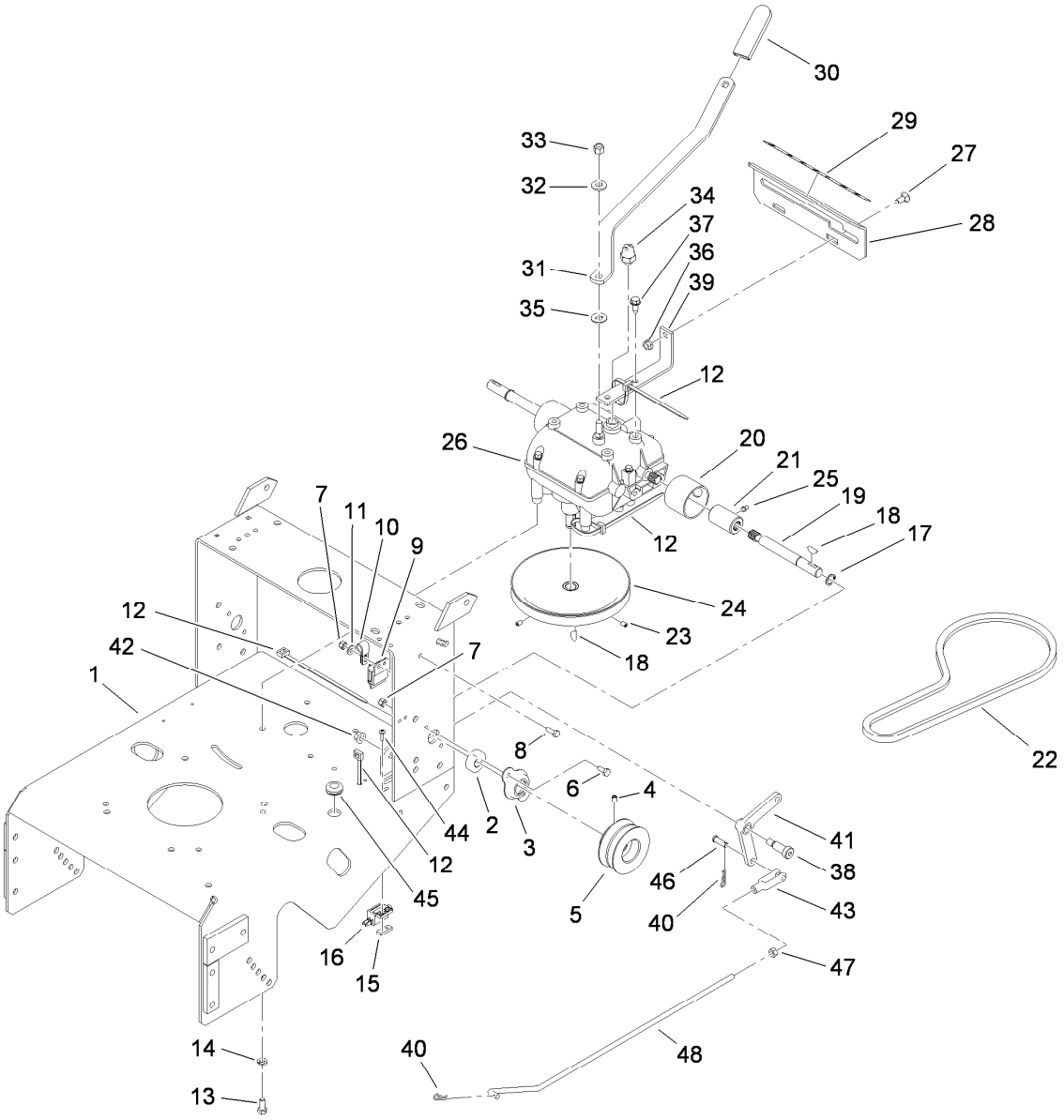
Ref.	Part Number	Qty.	Description
2	119-7899	1	Fuel Tank ASM
2:2	119-6549	1	Grommet-Valve, Roll-Over
2:3	114-0285	1	Valve-Rollover
2:4	103-2605	1	Fitting-Fuel, Bulkhead
2:5	115-4465	1	Cap-Fuel, Ratcheting
9	109-0650	1	Hose-Fuel
10	1-603770	1	Valve-Fuel
11	2412-98	4	Clamp
12	322-10	2	Screw-HH
13	3256-3	2	Washer-Flat
14	107-4543	2	Clamp
15	104-8300	2	Nut-Flange, NI
16	3229-1	2	Screw-CARR
17	104-7201	4	Nut-HF
18	115-4486-01	1	Bracket-Canister, Carbon
19	114-0292	1	Bracket-Canister, Carbon
20	321-2	2	Screw-HH
21	117-1221	1	Canister-Carbon, 800Cc
22	115-0962	1	Hose-Vent, Canister
23	99-9415	1	Hose-Fuel
24	114-0286	1	Hose-Vent
25	3290-378	3	Tie-Cable
26	116-2231	1	Formed-Hose
27	116-2232	1	Valve-Control, Vacuum
28	119-8501	1	Hose-Formed, High Vacuum Port
29	119-8502	1	Hose-Formed, Low Vacuum Port
30	116-2469	1	Strap-Velcro, Cable Tie



Frame and Transmission Assembly

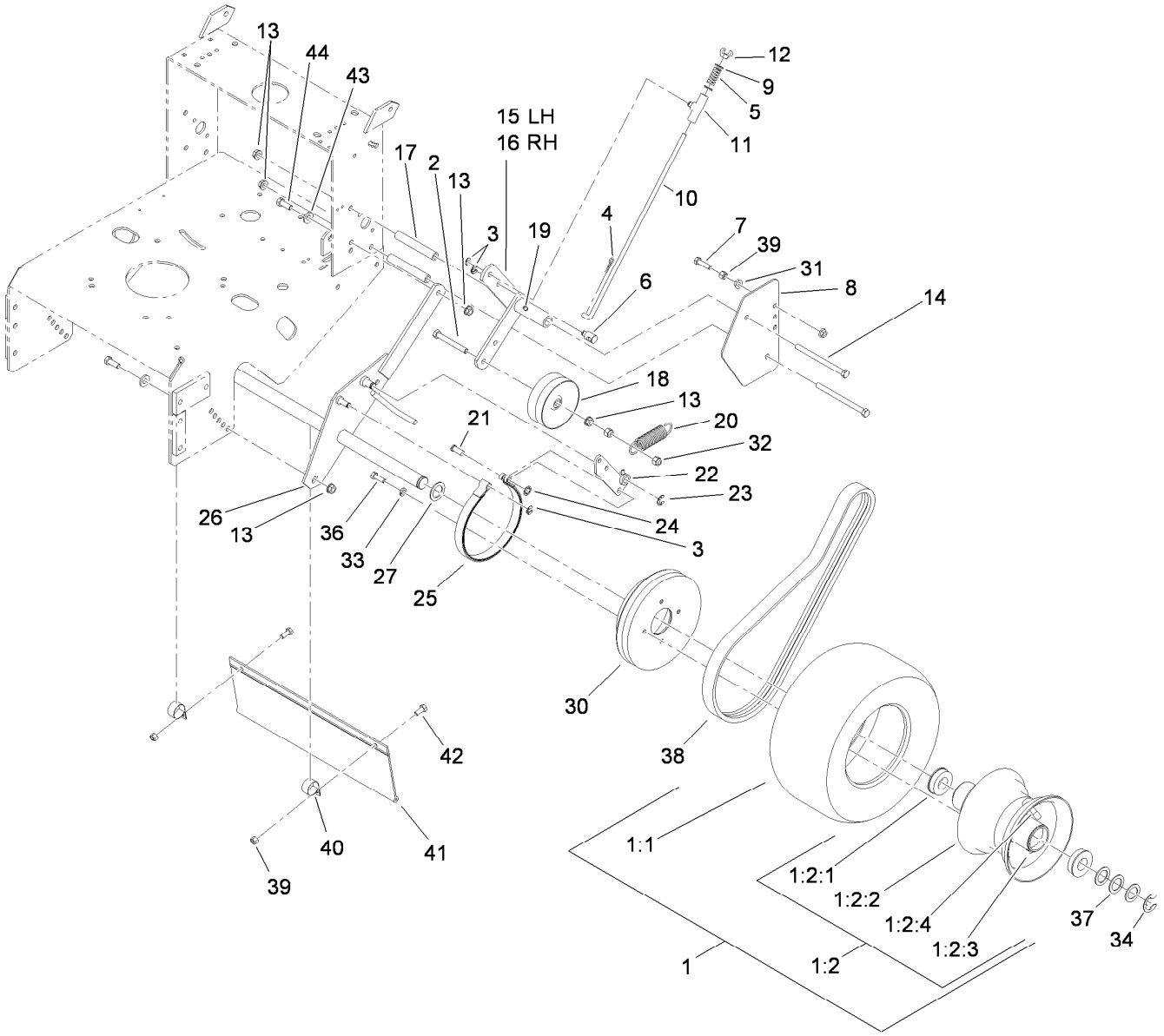
Ref.	Part Number	Qty.	Description
1	117-3521-01	1	Gear Frame ASM
2	1-323252	2	Bearing-Shaft
3	1-323254	2	Flange-Output
4	1-803310	2	Screw-Set
5	103-6511	2	Sheave-Transmission
6	321-3	4	Screw-HH
7	3296-42	5	Nut-Lock, NI
8	321-4	1	Screw-HH
9	1-323430	1	Module-Interlock
10	1-513762	1	Clip-Loom
11	3256-22	1	Washer-Flat
12	1-303335	4	Tie-Plastic
13	322-3	4	Screw-HH
14	1-805005	4	Washer-Lock
15	1-633181	1	Plate-Tapped
16	1-513051	1	Switch-Open, Normally
17	32151-62	2	Ring-Retaining
18	3257-5	3	Key-Woodruff
19	1-323502	2	Shaft-Transmission
20	51-4220	2	Guard-Coupler
21	1-323680	2	Coupler

Ref.	Part Number	Qty.	Description
22	1-323630	1	V-Belt
23	3245-41	2	Screw-HSH
24	1-323278	1	Sheave-Transmission
25	302-19	2	Fitting-Grease
26	1-323500	1	Transmission
27	3230-1	2	Bolt-CARR
28	1-323387-03	1	Plate-Shift
29	105-4104	1	Decal-Speed, Ground
30	1-303020	1	Grip-Lever
31	98-3274-03	1	Lever-Shift
32	98-5975	1	Washer-Belleville
33	3296-6	1	Nut-Lock
34	1-303282	1	Switch-Start, Neutral
35	1-323379	1	Washer
36	32128-20	2	Nut-HF
37	9264964	4	Screw-HWH, Thread Cut
38	1-603403	1	Bolt-Shoulder
39	1-323389-03	2	Bracket-Plate, Shift
40	1-806003	2	Pin-Cotter, Hair
41	1-303186	1	Bellcrank
42	32128-21	1	Nut-HF



Frame and Transmission Assembly (continued)

Ref.	Part Number	Qty.	Description
43	1-303105	1	Yoke-Adjustable
44	3290-500	2	Screw-PPH
45	1-543296	1	Grommet
46	1-808280	1	Pin-Clevis
47	3219-2	1	Nut-Hex
48	1-323303	1	Linkage-Arm

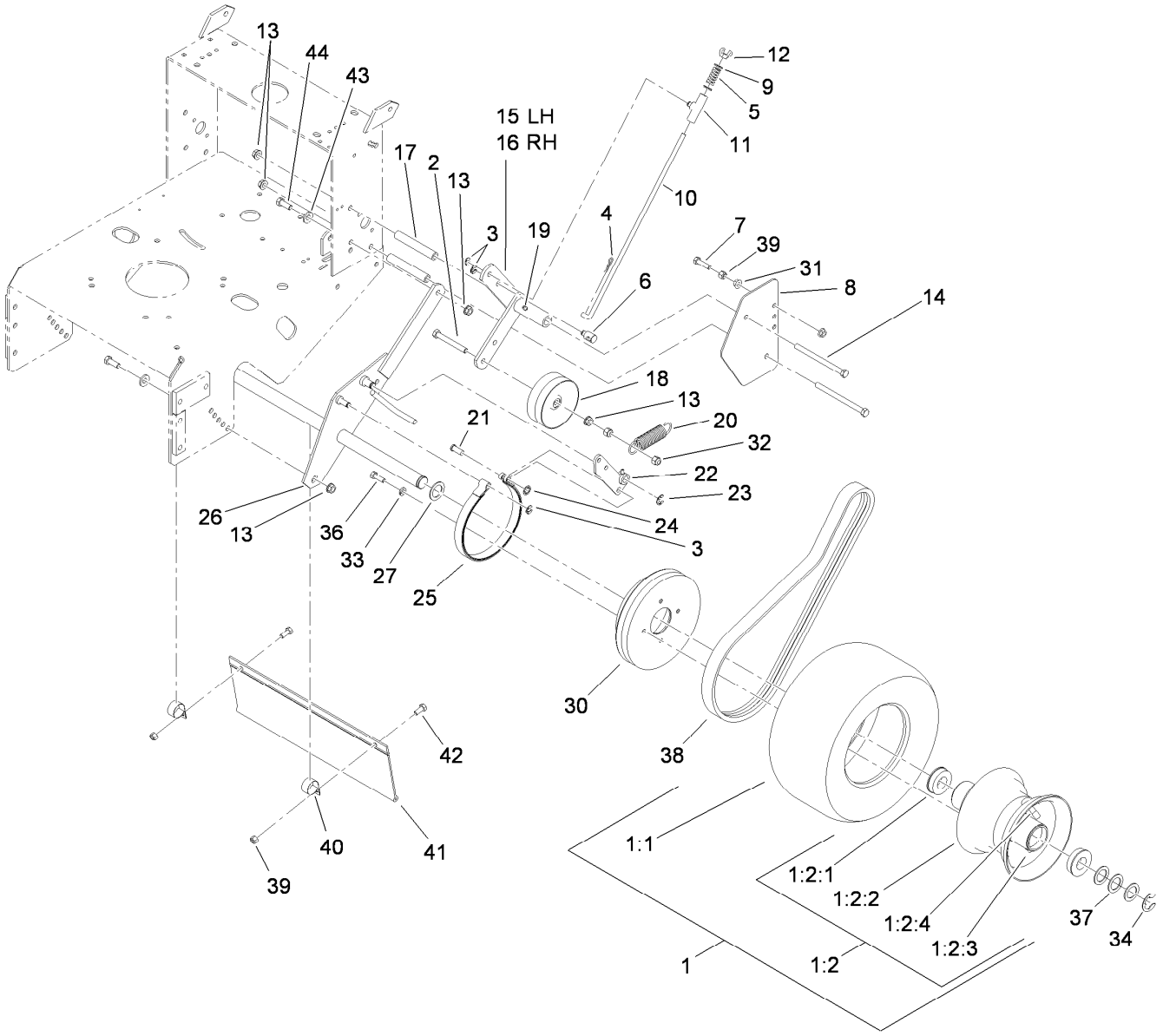


Drive Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description
1	1-323719	2	Wheel And Tire ASM
1:1	1-323720	1	Tire-Turfmaster
1:2	1-323328	1	Wheel And Hub ASM
1:2:1	1-323329	2	Bearing-Flanged
1:2:2		1	Rim ASM ●
1:2:3		1	Fitting-Grease ●
1:2:4		1	Stem-Valve ●
2	99-8664	2	Screw-HH
3	32151-47	6	Ring-Retaining
4	1-806003	2	Pin-Cotter, Hair
5	1-323245	2	Spring-Compression
6	103-1864	2	Swivel-Lever, Drive
7	116-3515	2	Screw-HH Special
8	1-323287-01	2	Shield-Wheel, Drive
9	3256-23	4	Washer-Flat
10	1-323548	2	Linkage-Brake
11	110-5866	2	Swivel-Brake
12	1-513959	2	Wingnut-Nylock
13	3290-357	10	Nut-HHF, Whiz

Ref.	Part Number	Qty.	Description
14	323-39	4	Screw-HH
15	103-1615-03	1	Arm-Idler, LH
16	103-1616-03	1	Arm-Idler, RH
17	1-323283	4	Spacer-Shield
18	119-7887	2	Pulley-Idler
19	302-19	2	Fitting-Grease
20	1-603402	2	Spring-Extension
21	1-323307	2	Pin-Clevis
22	103-1611-03	2	Arm-Brake
23	32120-47	2	Ring-Retaining, External
24	1-803051	2	Nut-Push
25	1-323262	2	Band-Brake
26	1-322117-03	1	Axle
27	1-543436	2	Washer-Spacer
30	109-4359	2	Drum And Sheave ASM
31	32128-20	4	Nut-HF
32	3296-39	4	Nut-Lock, NI
33	1-805005	8	Washer-Lock
34	1-808519	2	Ring-Snap

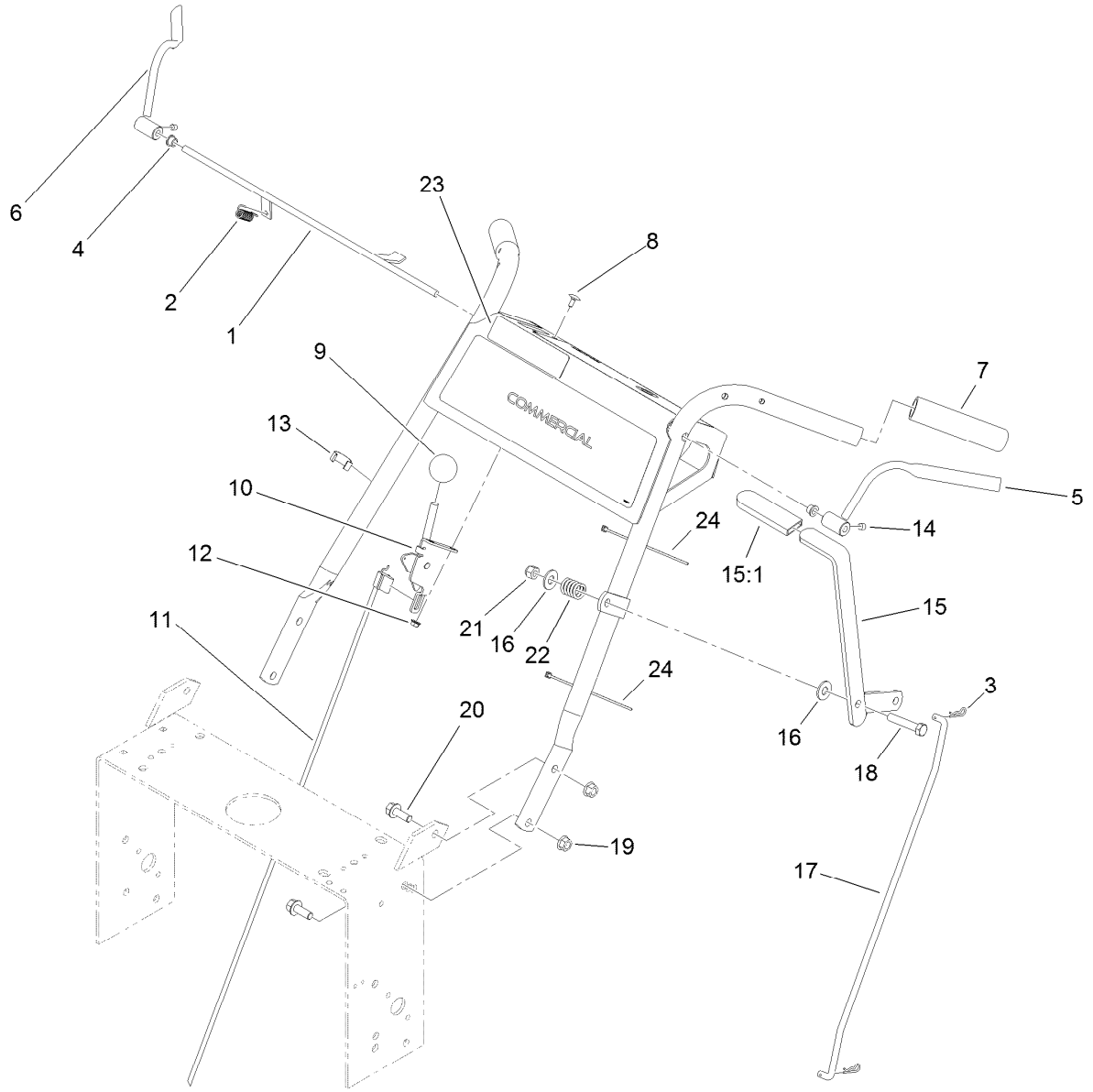
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Drive Wheel and Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
36	322-5	8	Screw-HH
37	1-523157	6	Washer-Spacer
38	1-323631	2	V-Belt
39	3296-29	4	Nut-Lock, NI
40	2412-104	2	Clamp-R
41	98-3259	1	Shield-Trailing
42	322-3	2	Screw-HH
43	98-5975	4	Washer-Belleville
44	323-6	4	Screw-HH

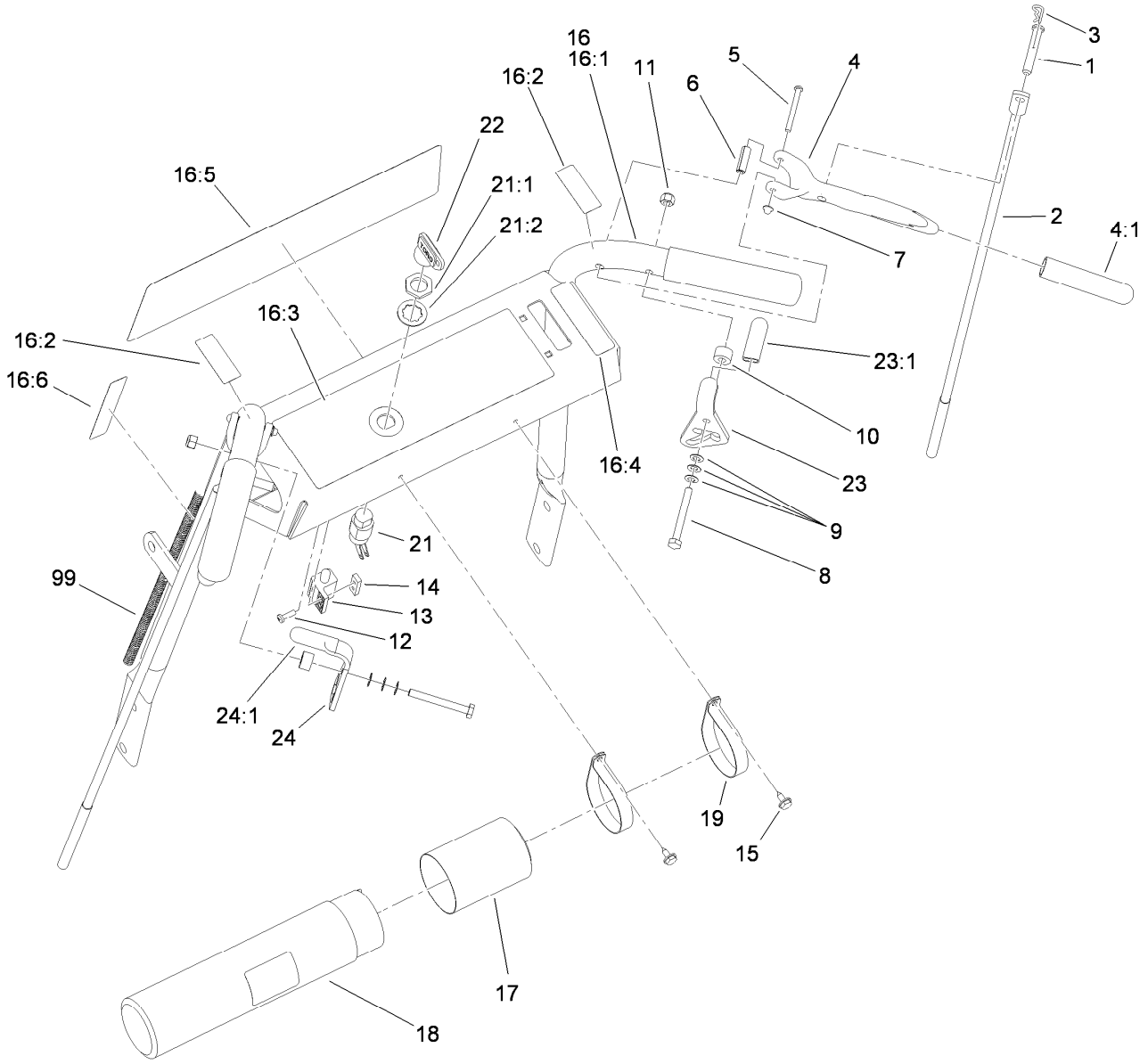
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Handle Control Assembly

Ref.	Part Number	Qty.	Description
1	106-2717-03	1	Rod-Control, Operator Presence
2	1-303363	1	Spring-Extension
3	1-806003	2	Pin-Cotter, Hair
4	1-303365	2	Bushing-Nylon
5	106-5485	1	LH Operator Presence Control Lever ASM
6	106-5486	1	RH Operator Presence Control Lever ASM
7	104-9838	2	Grip-Foam
8	1-807513	2	Bolt-CARR
9	1-603175	1	Knob-Ball
10	110-5547	1	Control Lever ASM
11	119-1823	1	Cable-Control, Throttle

Ref.	Part Number	Qty.	Description
12	32128-17	2	Nut-Lock, Flange
13	1-303088	1	Clip-Cable
14	1-803322	2	Screw-Set
15	1-322157	1	Lever ASM
15:1	1-303020	1	Grip-Lever
16	3256-4	2	Washer-Flat
17	1-323298	1	Linkage-Blade, Upper
18	323-10	1	Screw-HH
19	32128-21	4	Nut-HF
20	3234-11	4	Screw-HHF
21	3296-39	1	Nut-Lock, NI
22	1-303160	1	Spring-Compression
23	117-2718	1	Decal-Arrester, Spark
24	1-303287	2	Tie-Cable

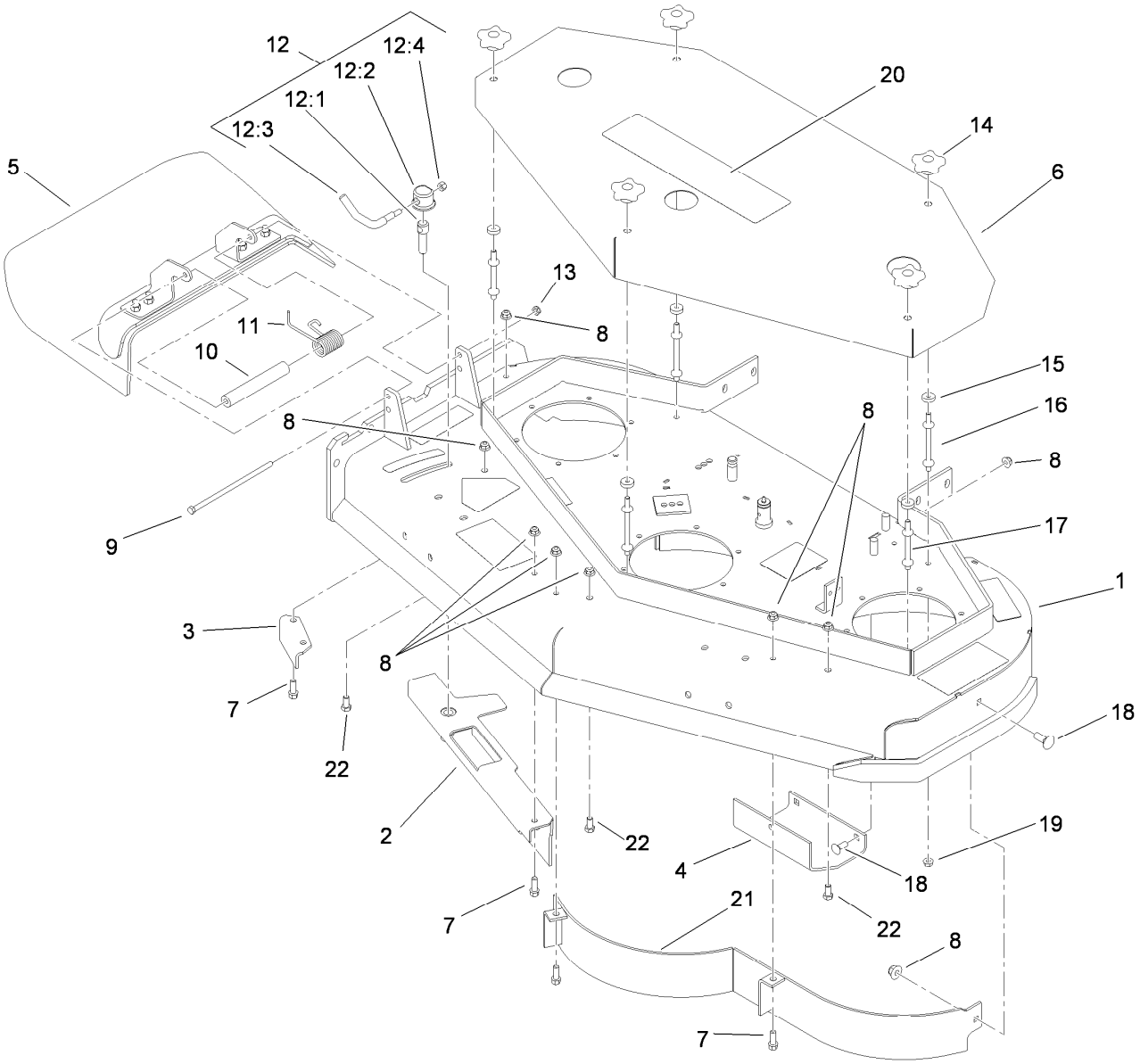


Handle Assembly

Ref.	Part Number	Qty.	Description
1	1-808286	2	Pin-Clevis
2	1-323359	2	Linkage-Wheel, Drive
3	1-806003	2	Pin-Cotter, Hair
4	1-302006	2	Drive Lever ASM
4:1	1-303021	1	Grip-Lever, Drive
5	1-808250	2	Pin-Lever, Drive
6	1-806340	2	Pin-Roll
7	1-803001	2	Nut
8	321-18	2	Screw-HH
9	1-303435	6	Washer-Spring
10	1-323549	2	Spacer
11	3296-42	2	Nut-Lock, NI
12	3290-500	2	Screw-PPH
13	1-513051	1	Switch-Open, Normally
14	1-633181	1	Plate-Tapped
15	32104-76	2	Screw
16	119-3638	1	Handle ASM
16:1		1	Pistol Grip Handle ASM ●

Ref.	Part Number	Qty.	Description
16:2	105-4111	2	Decal-Lock, Neutral
16:3	106-2737	1	Decal-Warning
16:4	106-2733	1	Decal-Throttle
16:5	110-6917	1	Decal
16:6	95-5537	1	Decal-Engage, Deck
17	104-7048	1	Cap-Housing
18	104-7050	1	Tube-Manual
19	2412-120	2	R-Clamp
21	29-5560	1	Switch-On / Off
21:1	218-461	1	Nut-HH
21:2	3254-5	1	Washer-Tooth, Internal
22	63-8360	1	Key-Ignition
23	1-324280	1	RH Thumb Latch ASM
23:1	1-303019	1	Grip-Latch
24	1-324279	1	LH Thumb Latch ASM
24:1	1-303019	1	Grip-Latch
99	116-2661	1	Harness-Wire

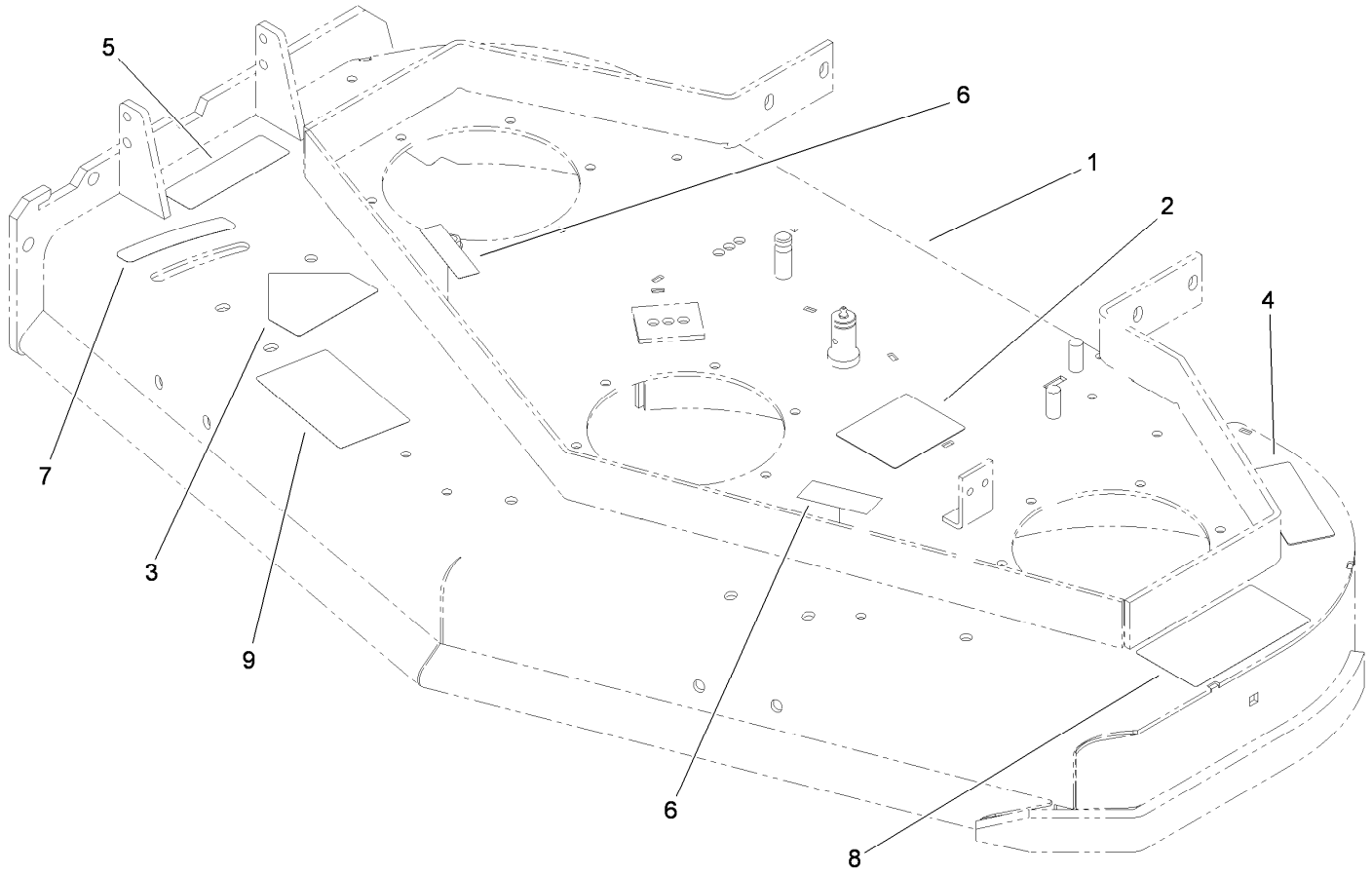
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Deck Assembly

Ref.	Part Number	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-HWH
8	104-8301	12	Nut-Flange, NI
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

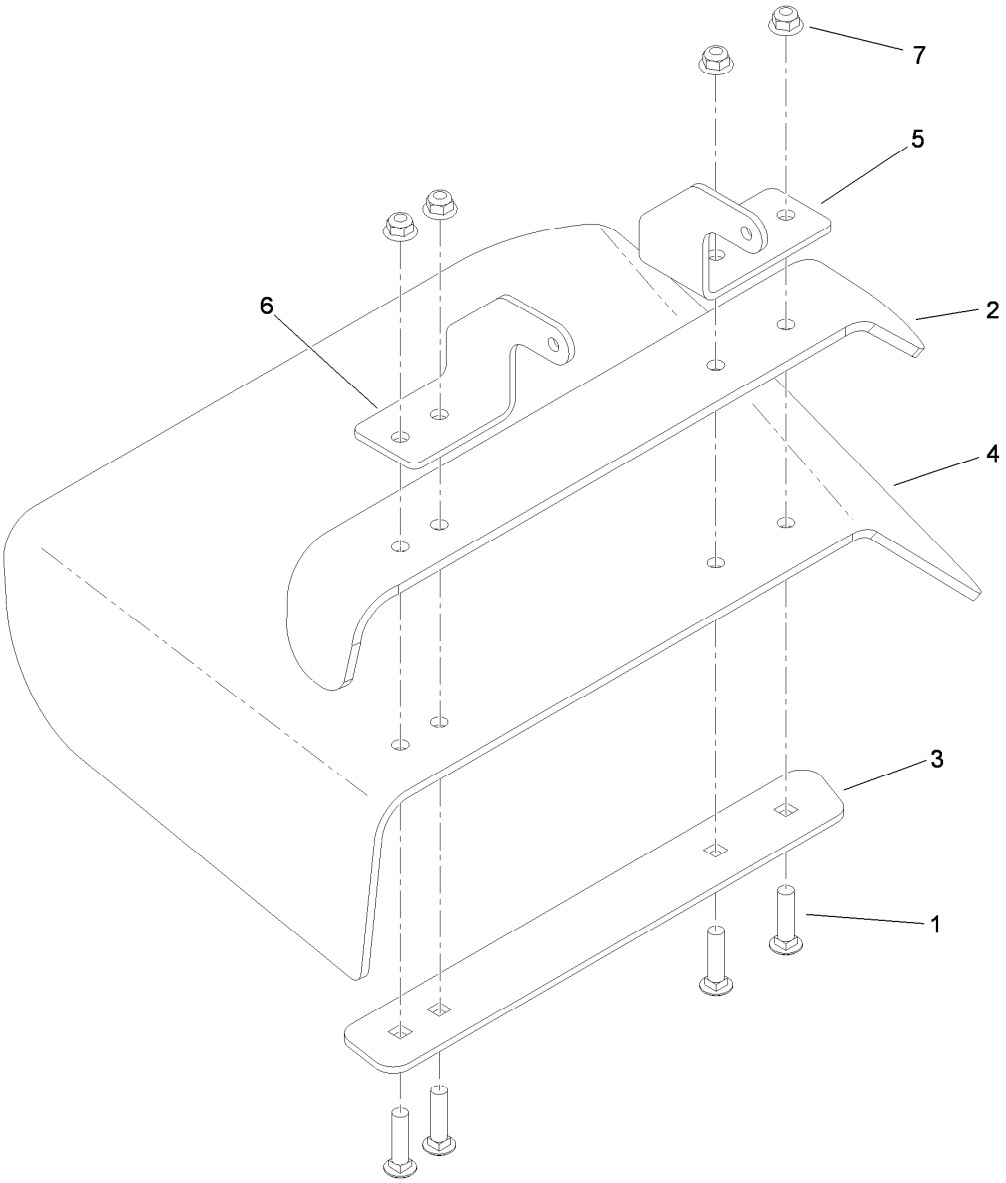
Ref.	Part Number	Qty.	Description
12:2	107-1644	1	Cap-Lock
12:3	106-3241	1	Lever-Lock
12:4	3296-29	1	Nut-Lock, NI
13	3296-47	1	Nut-Lock, NI
14	106-4161	5	Knob-Handle
15	1-323417	5	Washer
16	1-303536	3	Stud-Shield, Belt (Long)
17	1-303537	2	Stud-Shield, Belt (Short)
18	3231-2	4	Screw-CARR
19	32128-20	5	Nut-HF
20	112-9712	1	Decal
21	110-0735-03	1	Baffle ASM
22	323-4	3	Screw-HH



Deck Decal Assembly No. 110-4909

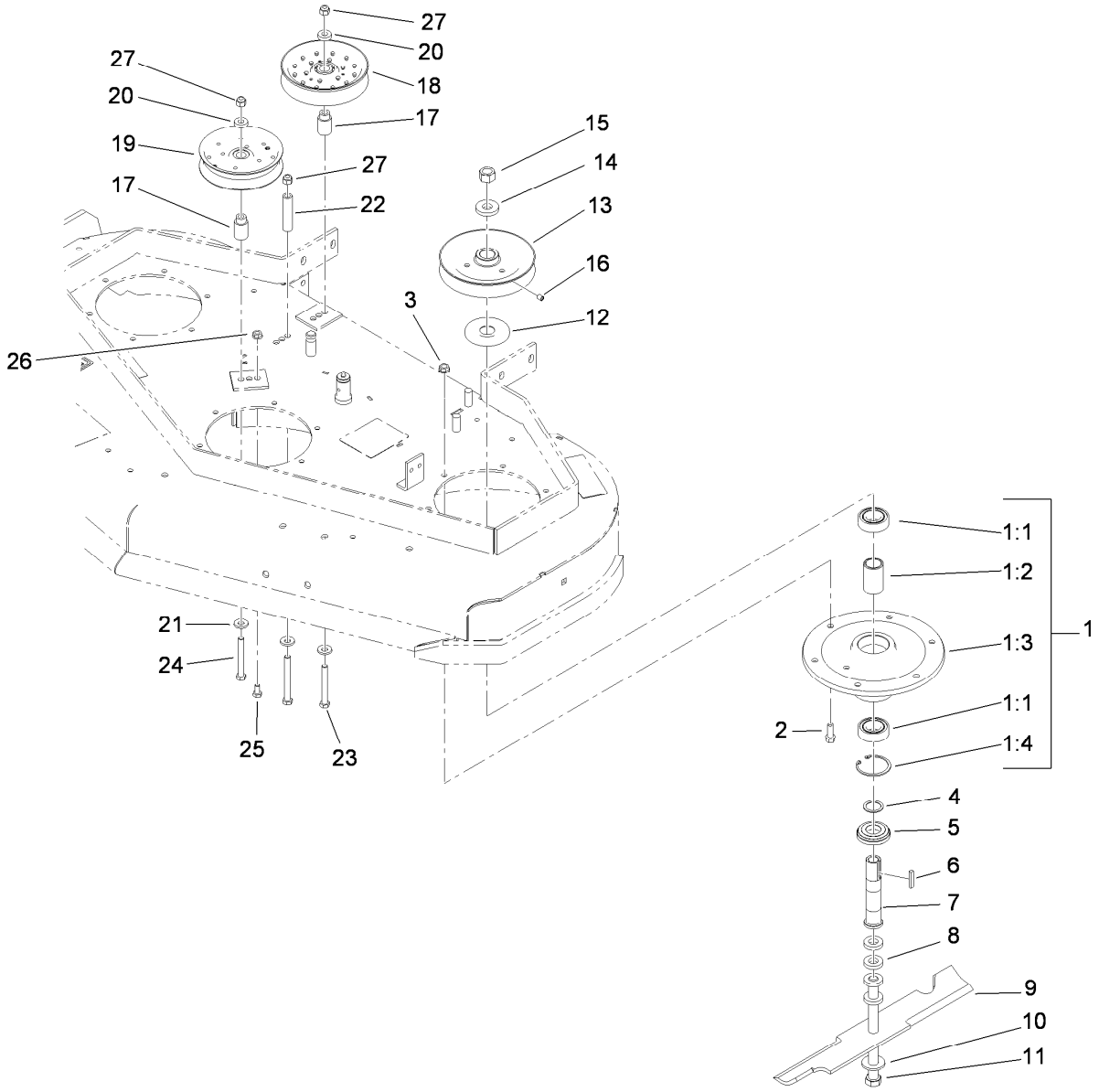
Ref.	*Part Number*	*Qty.*	*Description*
1		1	48 Inch Deck ASM ●
2	99-3943	1	Decal-Routing, Belt
3	43-8480	1	Decal-Danger
4	98-5130	1	Decal-Torque, Bolt
5	104-8569	1	Decal-Warning
6	98-5954	2	Decal-Cover, Missing
7	110-2067	1	Decal-Setting, Baffle
8	66-1340	1	Decal-Danger, Thrown Object
9	110-2068	1	Decal-Adjustment, Baffle

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Deflector Assembly No. 110-0758

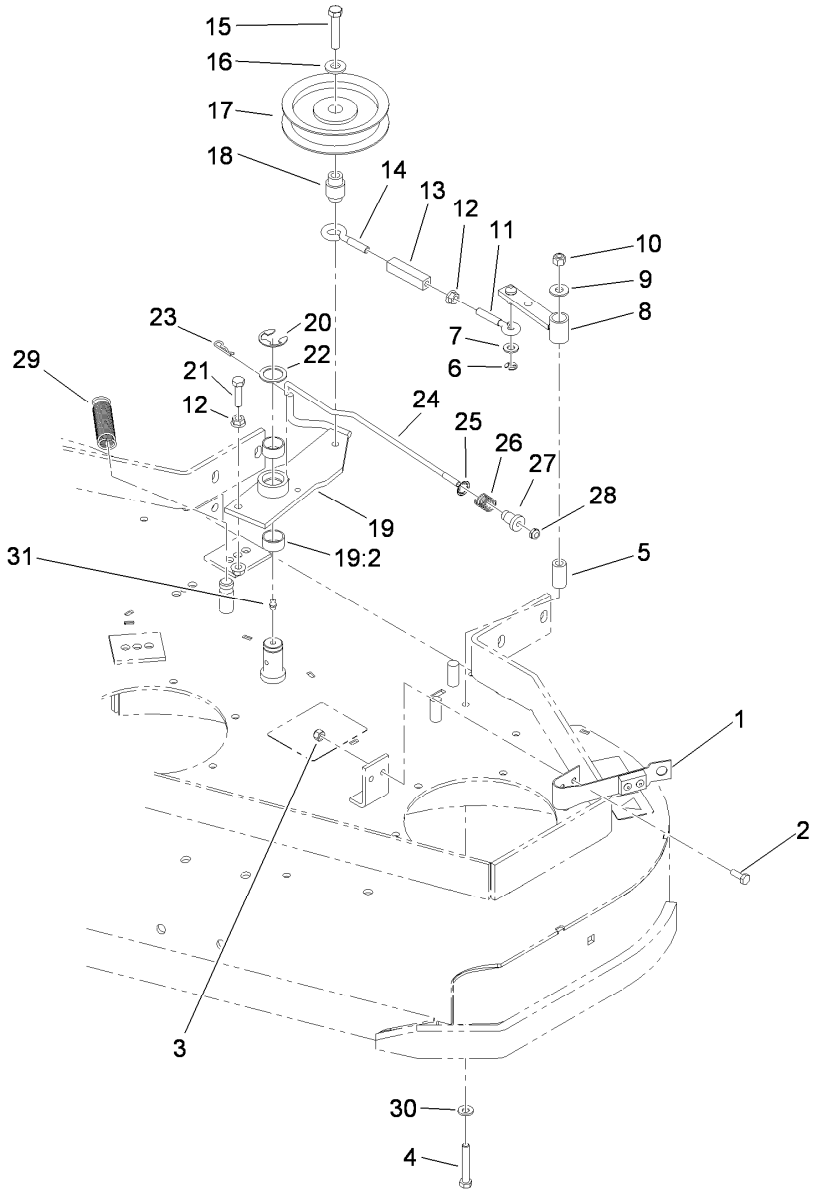
Ref.	*Part Number*	*Qty.*	*Description*
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	110-0759	1	Deflector-Rubber
5	107-4197-01	1	Bracket-Hinge, Rear
6	107-4196-01	1	Bracket-Hinge, Front
7	104-8301	4	Nut-Flange, NI



Sheave, Spindle and Blade Assembly

Ref.	Part Number	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	104-8301	18	Nut-Flange, NI
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

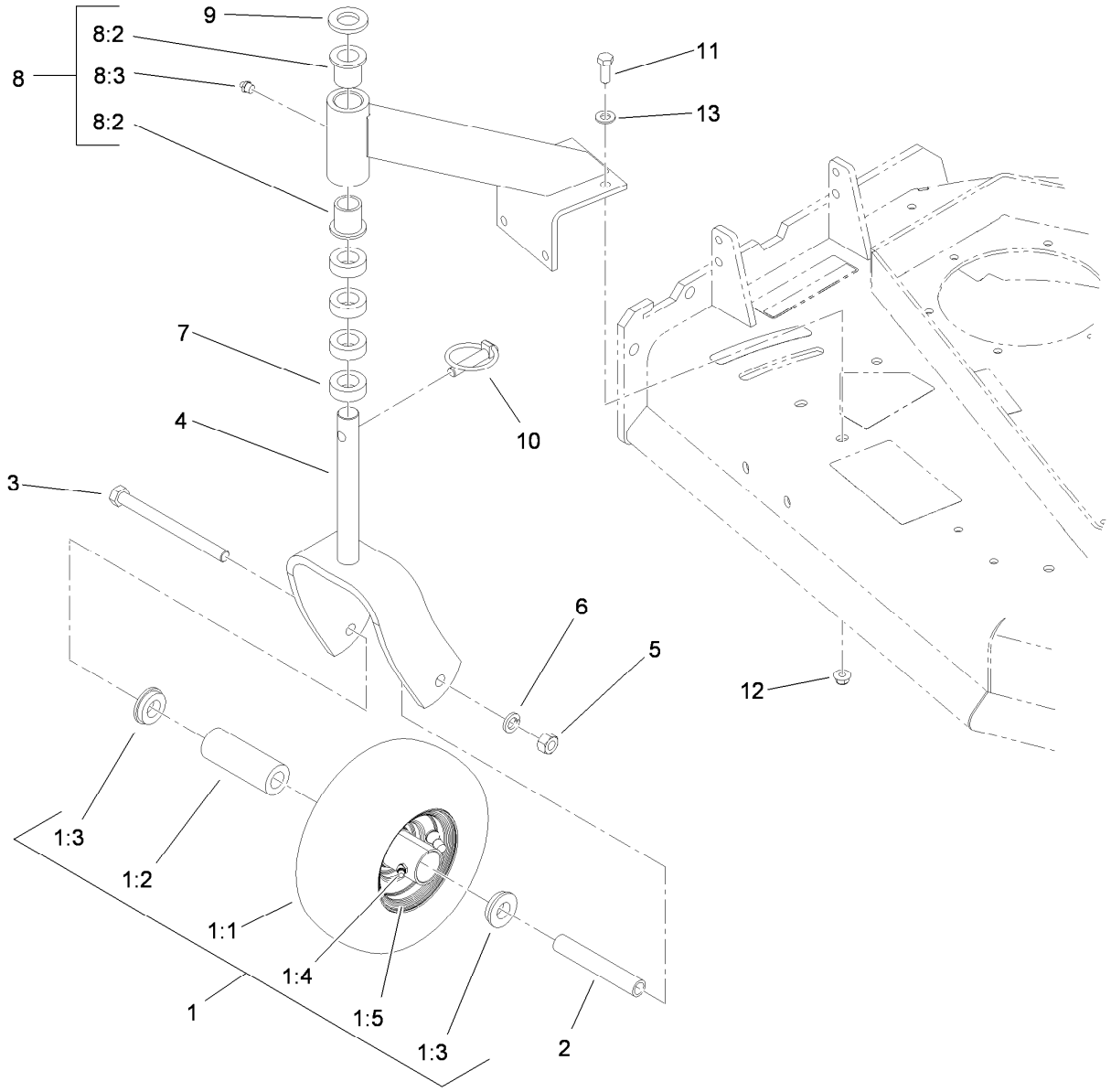
Ref.	Part Number	Qty.	Description
13	1-403183	3	Sheave
14	1-323339	3	Washer-Retainer, Sheave
15	3219-6	3	Nut-Hex
16	1-803310	3	Screw-Set
17	1-413113	2	Bushing-Idler
18	1-403186	1	Idler-Pulley, Flat
19	1-613098	1	Pulley-Idler
20	5-0652	2	Spacer
21	98-5975	3	Washer-Belleville
22	1-403188	1	Spacer
23	323-15	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 Number	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-HH
16	98-5975	1	Washer-Belleville

Ref.	Part Number	Qty.	Description
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
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 Number	Qty.	Description
1	110-5023	2	Wheel And Tire ASM
1:1		1	Tire ●
1:2	1-513809	1	Bearing
1:3	1-513810	2	Bushing
1:4	302-61	1	Fitting-Grease
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	104-8301	8	Nut-Flange, NI
13	3256-24	8	Washer-Flat

● Not serviced separately

Attachments and Accessories

For 39638 Commercial Walk-Behind Mower Fixed Deck, Pistol Grip, Gear 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
Weight Kit	110-2085
Operator Controlled Discharge Chute Kit	115-4195
Soft Bag (3 Bushel)	30104
Sulky	30109

Notes:



Count on it.