Form No. 3364-517 Rev A

TORO®

Count on it.

Parts Catalog

Commercial Walk-Behind Mower

Floating Deck, T-Bar, Gear Drive with 52in TURBO FORCE® Cutting Unit

Model No. 30079—Serial No. 310000001 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

CCW: counter clock wise

CW: clockwise

CW: clockwise

DEG: degrees

ECM: electronic control module

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

HWHTF: hex washer head thread forming

HYD: hydraulic

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

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

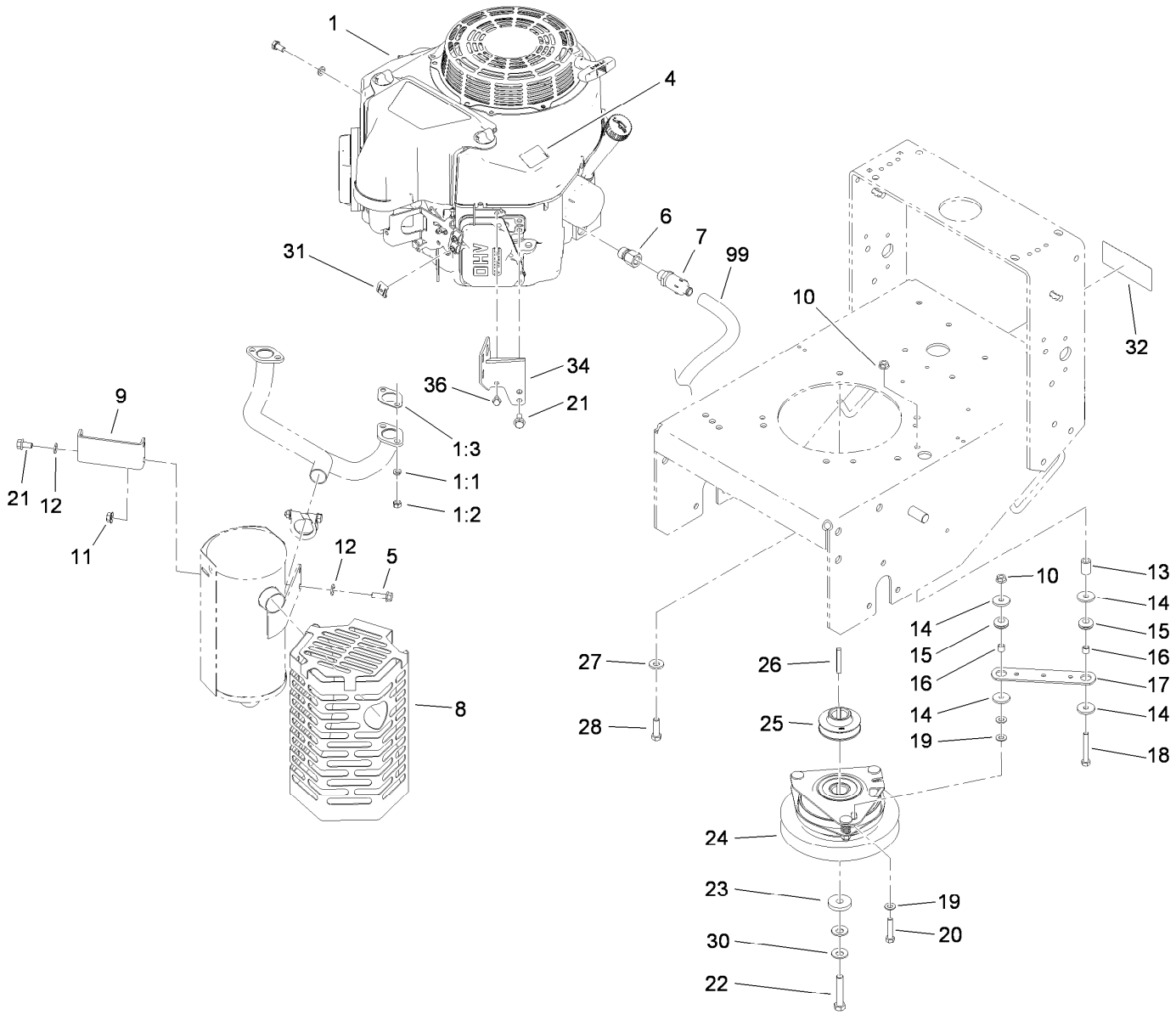
TTH: torx truss head

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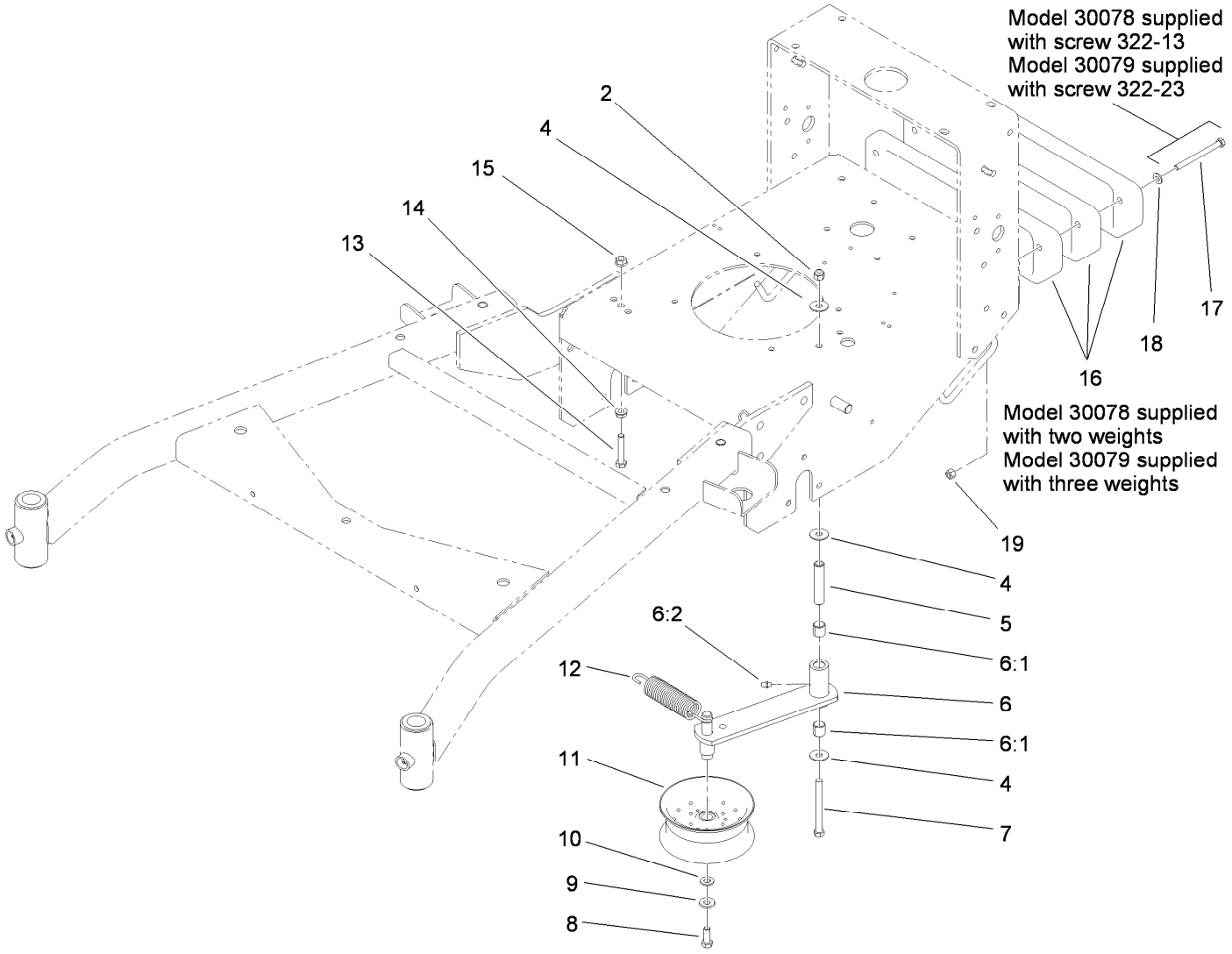
Engine and Clutch Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fs541V-As11 ●■
1:1	114-3550	4	Washer-Lock, Spring
1:2	114-3549	4	Nut
1:3	1-653313	2	Gasket-Exhaust
4	106-0699	1	Decal-Warning
5	33104-025	2	Screw-HHF
6	103-1966	1	Adapter
7	92-6877	1	Valve-Drain, Oil
8	119-3629-03	1	Muffler Shield ASM
9	119-3635-03	1	Bracket-Shield, Muffler
10	32128-20	2	Nut-HF
11	117-1350	4	Nut-HF, Lock
12	1-303334	4	Washer-Spring
13	104-6373	1	Tube-Retainer
14	1-613235	4	Washer
15	1-633630	2	Grommet-Brake
16	1-633545	2	Spacer

Ref.	Part Number	Qty.	Description
17	1-633543-03	1	Strap-Clutch, Brake
18	322-11	1	Screw-HH
19	3256-23	3	Washer-Flat
20	322-7	1	Screw-HH
21	33104-016	4	Screw-HHF
22	3212-9	1	Screw-HH
23	107-4136	1	Washer
24	105-2635	1	Clutch / Brake ASM
25	107-4112	1	Pulley-Drive
26	608006	1	Key-Square
27	98-5975	4	Washer-Belleville
28	323-7	4	Screw-HH
30	1-603610	2	Washer-Spring
31	81-1690	1	Clamp-Cable
32	98-0776	1	Decal-Caution
34	117-8561-03	1	Bracket-Muffler
36	33103-012	1	Screw-HHF
99	103-1964	1	Hose-Drain, Oil

● Not serviced separately

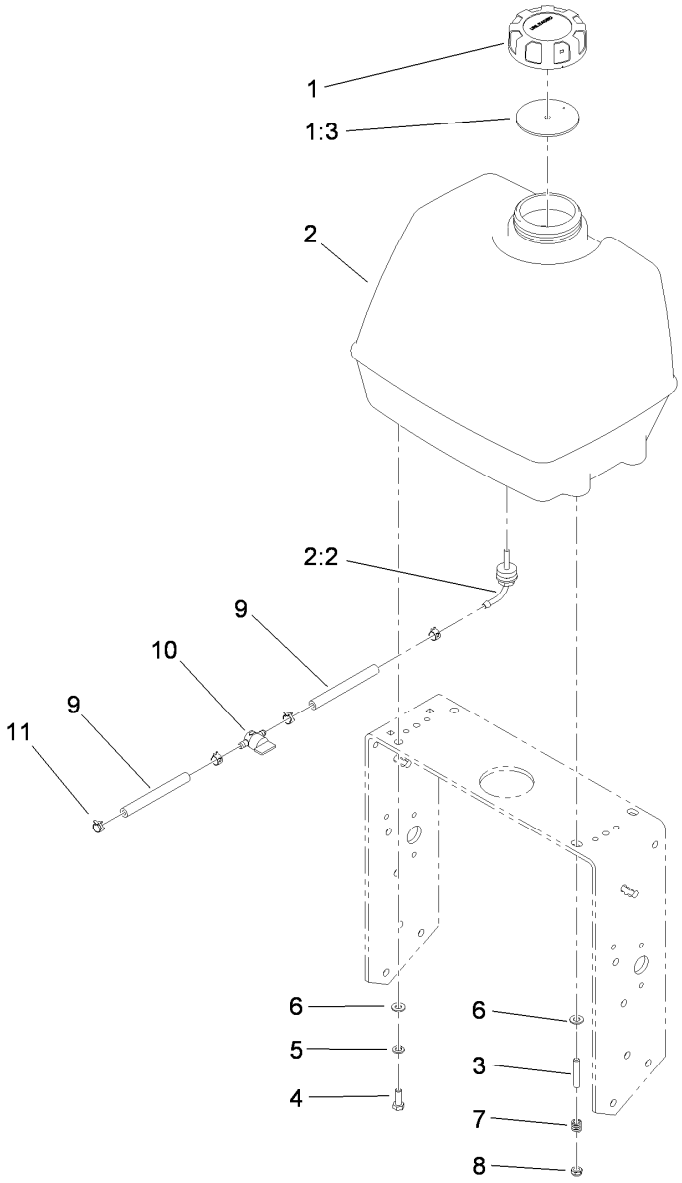
■ Obtain parts from www.kawpowerepc.com



Power-Take-Off Idler and Weight Assembly

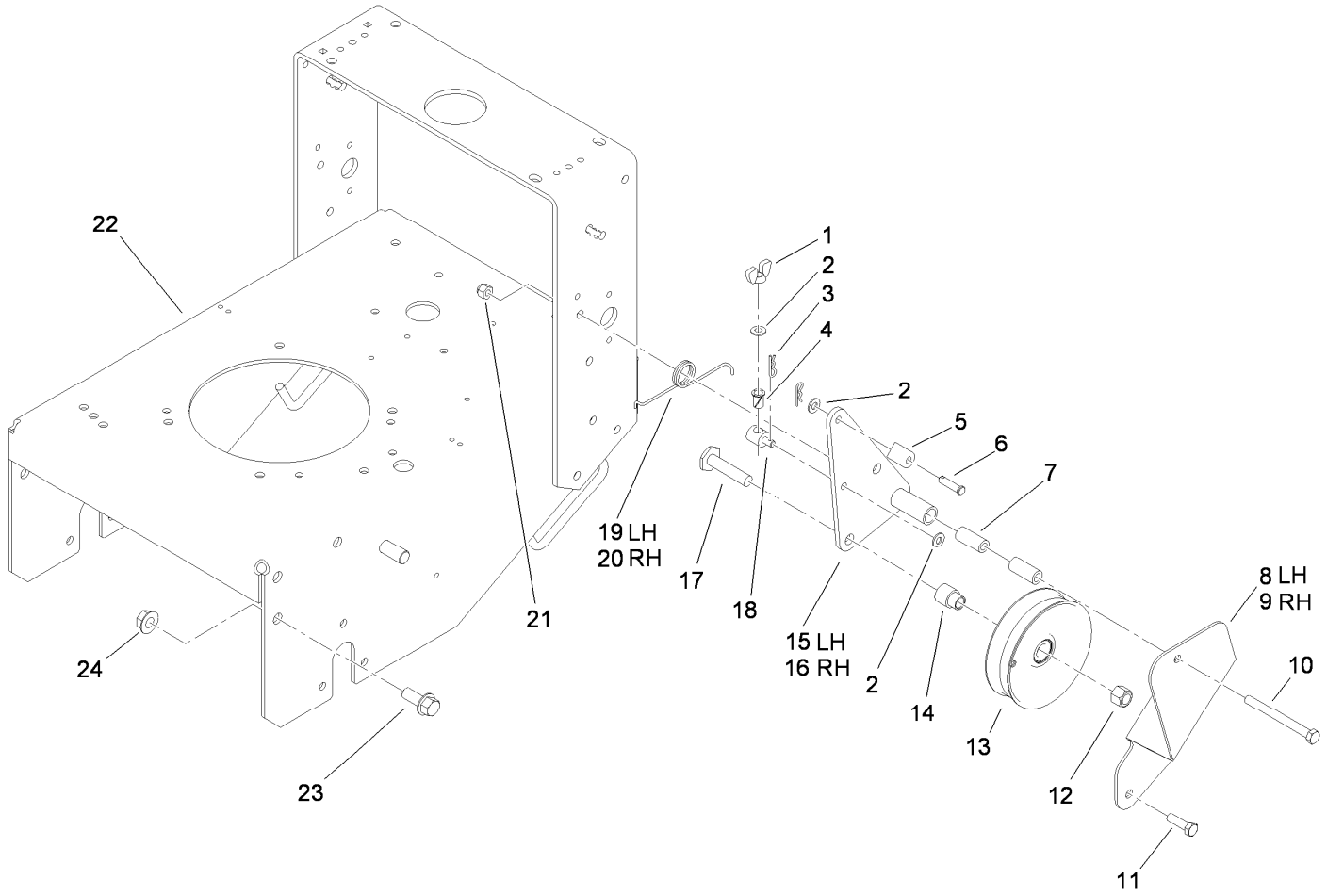
Ref.	*Part Number*	*Qty.*	*Description*
2	3296-39	1	Nut-Lock, NI
4	52-2860	3	Washer
5	104-6377	1	Tube-Idler
6	108-2734	1	Idler Arm ASM
6:1	1-513034	2	Sleeve-Bearing
6:2	302-5	1	Fitting-Grease
7	323-42	1	Screw-HH
8	323-6	1	Screw-HH
9	98-5975	1	Washer-Belleville
10	3256-24	1	Washer-Flat

Ref.	*Part Number*	*Qty.*	*Description*
11	1-413099	1	Pulley-Idler
12	105-8443	1	Spring-Extension
13	323-10	1	Screw-HH
14	3290-357	1	Nut-HHF, Whiz
15	32128-21	1	Nut-HF
16	112-7059-01	3	Weight-Cast
17	322-23	2	Screw-HH
18	3256-23	2	Washer-Flat
19	3296-29	2	Nut-Lock, NI



Fuel System Assembly

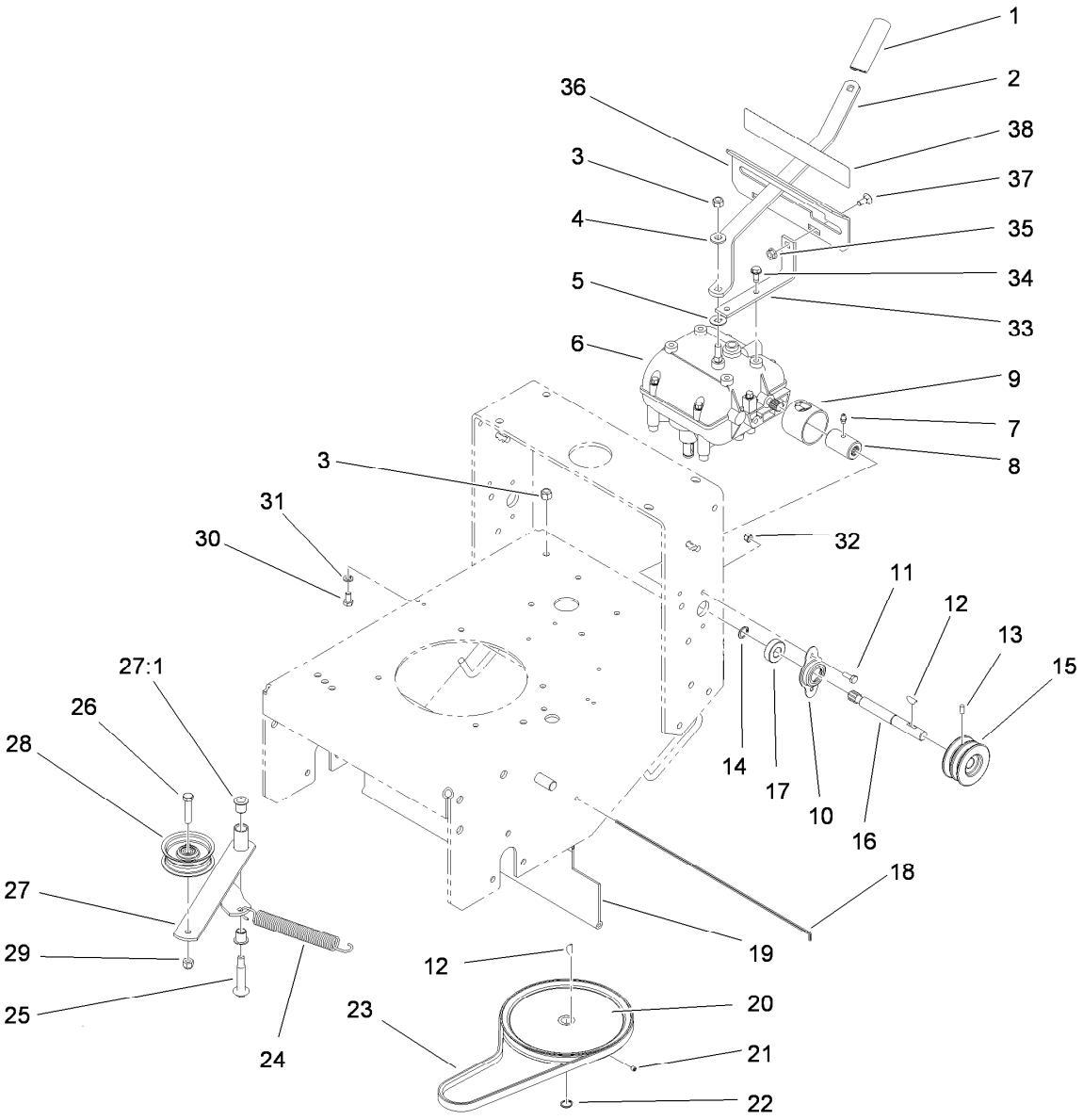
Ref.	*Part Number*	*Qty.*	*Description*
1	88-3980	1	Gas Cap ASM
1:3	88-4010	1	Gasket-Cap, Gas
2	106-0730	1	Fuel Tank ASM
2:2	103-2605	1	Fitting-Fuel, Bulkhead
3	104-8121	2	Stud-Threaded
4	322-4	2	Screw-HH
5	3253-4	2	Washer-Lock
6	3256-23	4	Washer-Flat
7	1-633349	2	Spring-Tank, Fuel
8	3296-47	2	Nut-Lock, NI
9	109-0650	2	Hose-Fuel
10	1-603770	1	Valve-Fuel
11	2412-98	4	Clamp



Lower Control Assembly

Ref.	Part Number	Qty.	Description
1	32103-25	2	Nut-Wing
2	3256-23	6	Washer-Flat
3	3290-307	4	Pin-Hair
4	52-2890	2	Bushing-Nylon
5	74-0521	2	Fitting-Rod
6	283-6	2	Pin-Clevis
7	74-0040	4	Spacer-Pivot, Idler
8	108-2725-01	1	Support-Idler, LH
9	108-2724-01	1	Support-Idler, RH
10	323-16	2	Screw-HH
11	323-7	4	Screw-HH
12	3296-23	2	Nut-Lock, NI

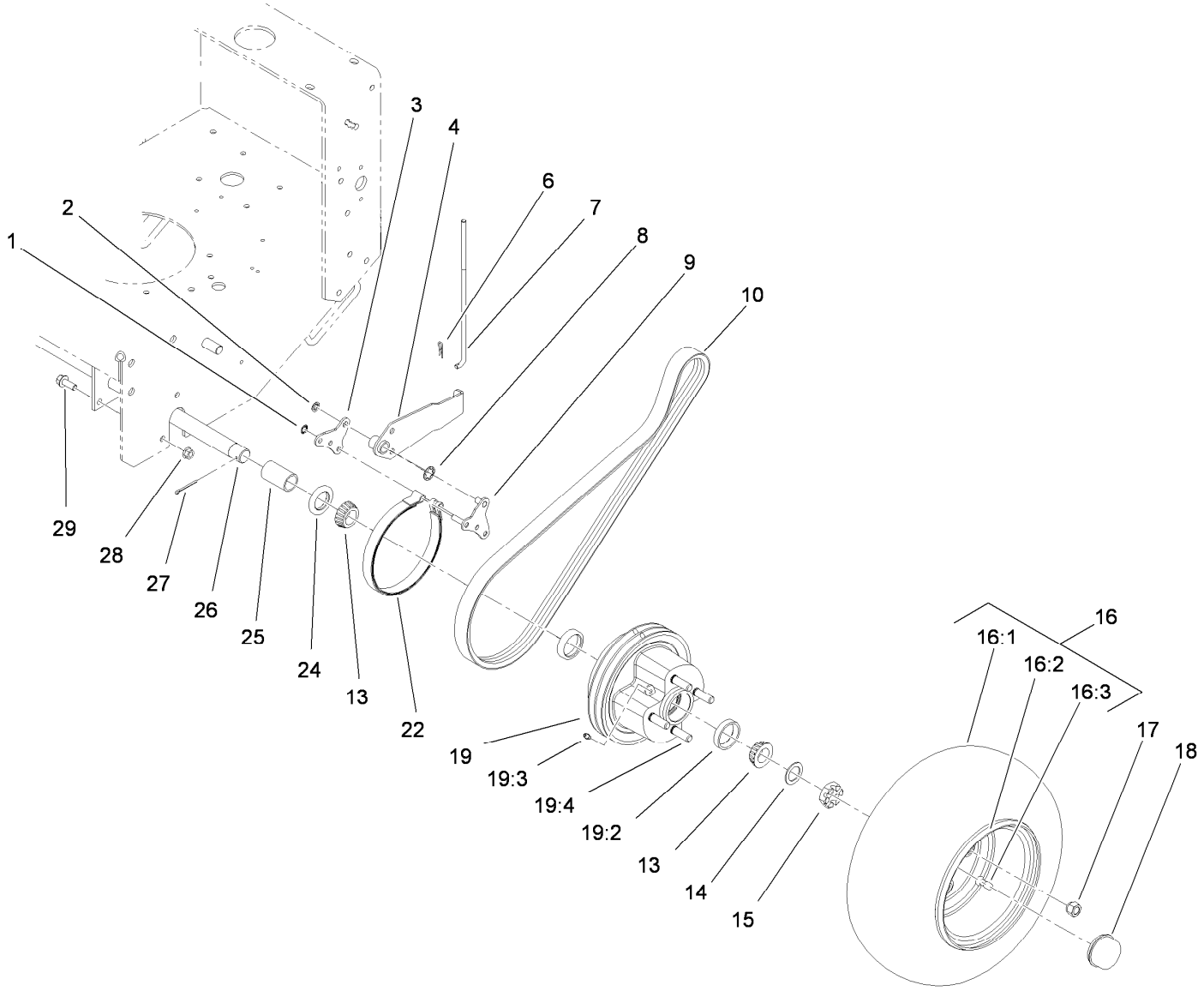
Ref.	Part Number	Qty.	Description
13	95-2800	2	Pulley-Idler
14	95-2801	2	Spacer-Pulley
15	108-2740-01	1	LH Idler Arm ASM
16	108-2741-01	1	RH Idler Arm ASM
17	51-4450	2	Screw-Leveler
18	68-9690	2	Fitting-Rod
19	51-4380	1	Spring-Torsion, LH
20	51-4370	1	Spring-Torsion, RH
21	3296-39	6	Nut-Lock, NI
22	117-5236-01	1	Gear Frame ASM
23	3234-32	6	Screw-HHF
24	32128-23	6	Nut-HF



Transmission Drive Assembly

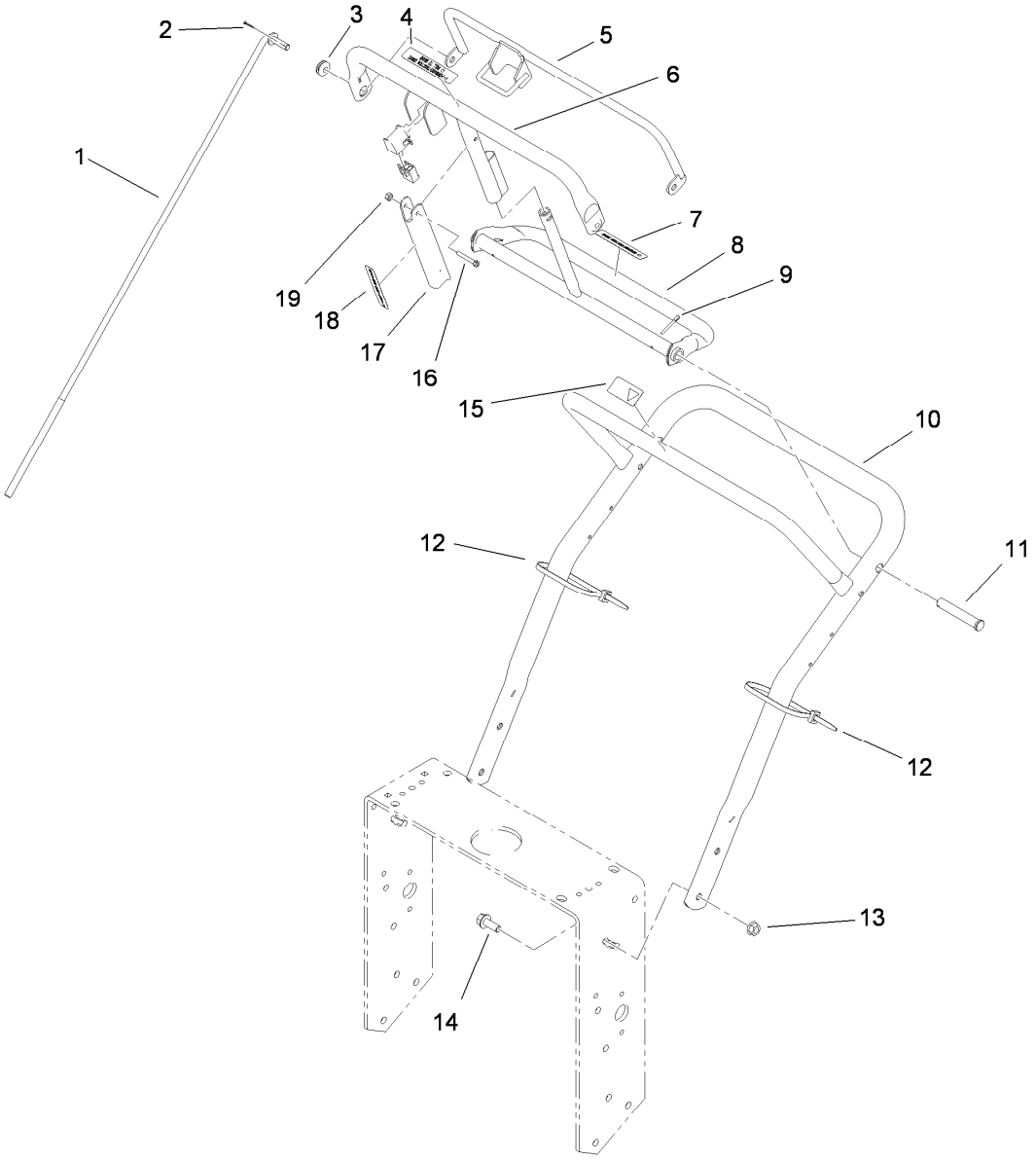
Ref.	Part Number	Qty.	Description
1	47-1970	1	Grip
2	98-3274-03	1	Lever-Shift
3	3296-6	2	Nut-Lock
4	98-5975	1	Washer-Belleville
5	1-323379	1	Washer
6	1-323500	1	Transmission
7	302-5	2	Fitting-Grease
8	1-323680	2	Coupler
9	51-4220	2	Guard-Coupler
10	1-323254	2	Flange-Output
11	321-4	4	Screw-HH
12	3257-5	3	Key-Woodruff
13	3245-9	2	Screw-Set
14	32151-62	2	Ring-Retaining
15	105-2698	2	Pulley-Transmission
16	104-1102	2	Shaft-Output
17	1-323252	2	Bearing-Shaft
18	95-1529	1	Rod-Shield
19	95-1526	1	Shield-Trailing
20	105-5646	1	Pulley-Driven

Ref.	Part Number	Qty.	Description
21	3245-1	1	Screw-Set, HSH
22	32120-64	1	Ring-Snap, External
23	105-5668	1	V-Belt
24	80-6610	1	Spring-Extension
25	27-6230	1	Bolt-Wheel
26	323-9	1	Screw-HH
27	16-7509	1	Lever-Idler
27:1	256-155	2	Bushing-Flange
28	62-4540	1	Pulley
29	3296-39	1	Nut-Lock, NI
30	322-2	4	Screw-HH
31	3253-4	4	Washer-Lock
32	3296-42	4	Nut-Lock, NI
33	1-323389-03	2	Bracket-Plate, Shift
34	9264964	4	Screw-HWH, Thread Cut
35	32128-20	2	Nut-HF
36	1-323387-03	1	Plate-Shift
37	3230-1	2	Bolt-CARR
38	98-3256	1	Decal-Speed, Ground



Wheel Drive and Brake Assembly

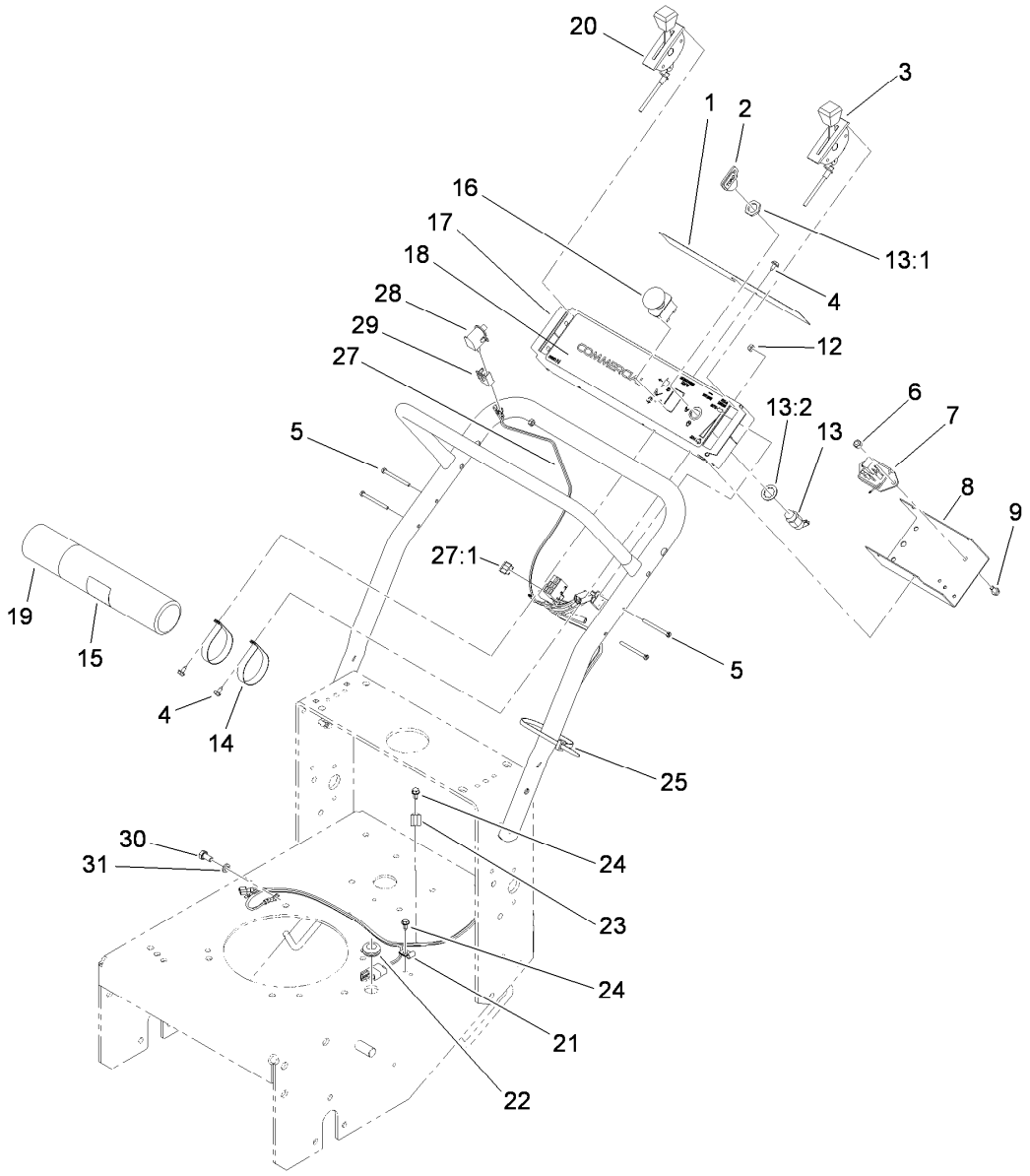
Ref.	Part Number	Qty.	Description
1	32151-72	4	Ring-Retaining
2	32151-56	2	Ring-Retaining, External
3	106-8792	2	Plate-Link, Brake
4	110-5010-01	2	Brake Arm ASM
6	3290-307	2	Pin-Hair
7	108-2730	2	Rod-Brake
8	32151-40	2	Ring-Retaining
9	106-8773	2	Brake Link ASM
10	108-2723	2	Belt-V, Banded
13	1-543509	4	Bearing-Roller, Tapered
14	1-523157	2	Washer-Spacer
15	1-809082	2	Nut-SHH
16	106-0892	2	Wheel And Tire ASM
16:1	104-6322	1	Tire
16:2	106-0893	1	Wheel
16:3	232-27	1	Stem-Valve
17	242-50	8	Nut-Lug
18	241-119	2	Cap-Dust
19	107-4090	2	Wheel Hub ASM
19:2	1-543508	2	Cup-Bearing
19:3	302-5	1	Fitting-Grease
19:4	10-6830	4	Stud-Type, Drive
22	1-323262	2	Band-Brake
24	1-543511	2	Seal-Grease
25	110-5006	2	Spacer-Wheel
26	110-4983-01	1	Axle ASM
27	1-806800	2	Pin-Cotter
28	32128-21	6	Nut-HF
29	3234-11	6	Screw-HHF



Handle Assembly

Ref.	Part Number	Qty.	Description
1	105-4677	2	Rod-Control
2	3272-4	2	Pin-Cotter
3	237-141	2	Grommet-Rubber
4	82-2290	1	Decal
5	82-7680-03	1	Bail ASM
6	82-7690-03	1	Bar-Control
7	82-2280	1	Decal
8	106-5477-03	1	Control Pivot ASM
9	3272-11	2	Pin-Cotter
10	105-3158-03	1	Upper Handle ASM

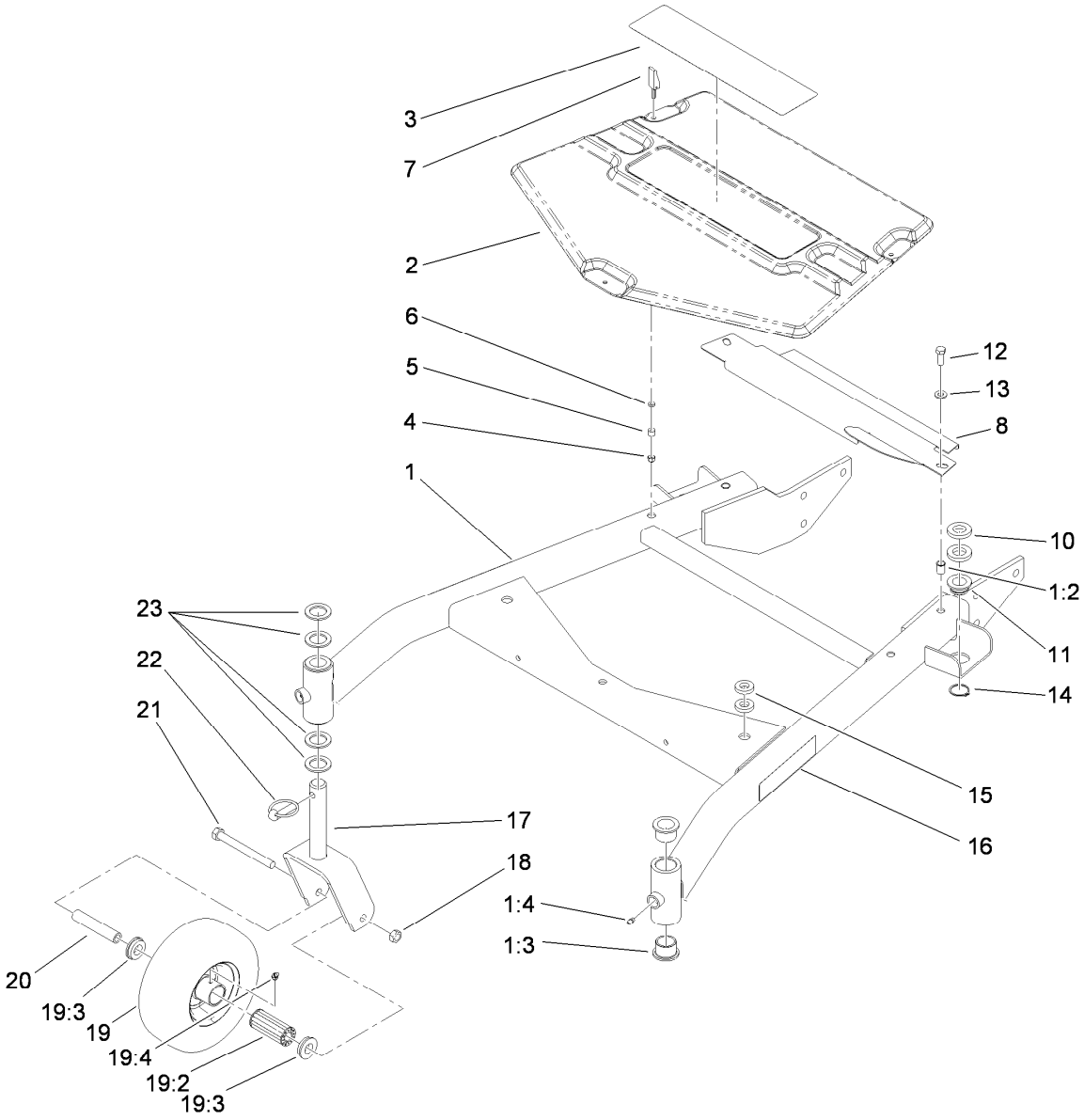
Ref.	Part Number	Qty.	Description
11	283-55	2	Pin-Clevis
12	3290-378	2	Tie-Cable
13	32128-21	4	Nut-HF
14	3234-11	4	Screw-HHF
15	98-4387	1	Decal-Protection, Ear
16	32105-1	1	Screw-SHH
17	51-4850-03	1	Lever-Brake, Parking
18	52-2010	1	Decal-Lever, Parking
19	3296-2	1	Nut-Lock, NI



Control Panel Assembly

Ref.	Part Number	Qty.	Description
1	105-0884	1	Decal-Danger
2	63-8360	1	Key-Ignition
3	119-6539	1	Cable-Throttle
4	32104-76	4	Screw
5	32105-14	4	Screw-SHH
6	3296-42	1	Nut-Lock, NI
7	104-8141	1	Module-Delay
8	93-1187-03	1	Panel-Bottom
9	321-2	1	Screw-HH
12	3296-2	4	Nut-Lock, NI
13	29-5560	1	Switch-On / Off
13:1	218-461	1	Nut-HH
13:2	3254-5	1	Washer-Tooth, Internal
14	2412-120	2	R-Clamp
15	104-7050	1	Tube-Manual
16	104-8140	1	Switch-PTO

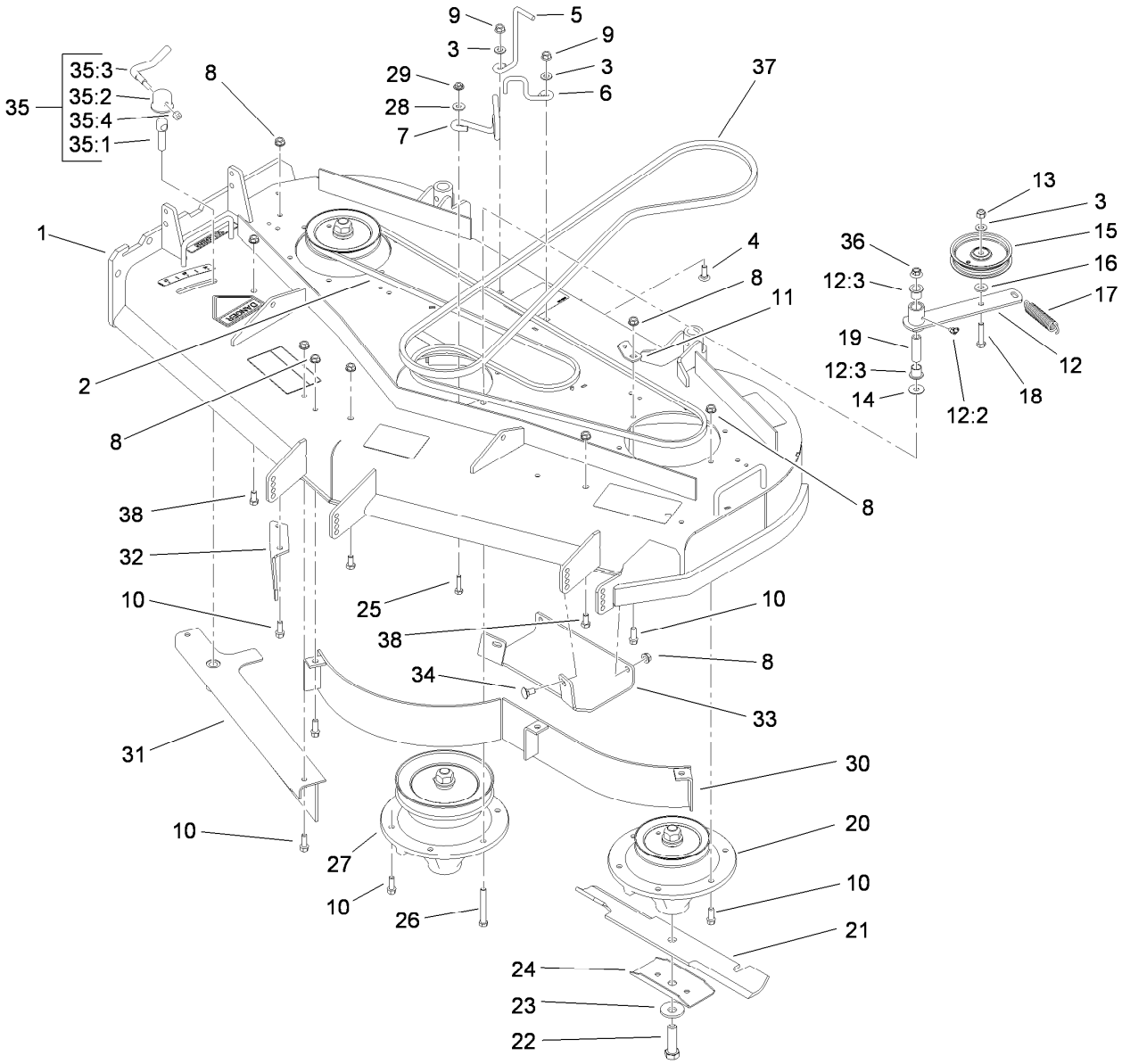
Ref.	Part Number	Qty.	Description
17	110-4982-03	1	Panel-Control
18	110-4971	1	Decal-Control Panel
19	104-7048	1	Cap-Housing
20	110-4995	1	Cable-Choke
21	2412-72	1	Clip-Closed, Insulated
22	112-7069	1	Grommet
23	2412-134	1	Clamp-R
24	12-3270	2	Screw
25	3290-378	1	Tie-Cable
27	119-6508	1	Harness-Wire
27:1	114241	1	Fuse-7.5 Amp
28	82-2190	1	Switch-Bail
29	218-595	1	Connector-Body
30	33114-016	1	Screw-HH
31	3253-4	1	Washer-Lock



Carrier Frame Assembly

Ref.	Part Number	Qty.	Description
1	108-2665	1	Carrier Frame ASM
1:2	32148-9	2	Insert-Nut
1:3	94-1291	4	Bushing
1:4	302-5	2	Fitting-Grease
2	108-6625	1	Cover-Frame, Carrier
3	112-9713	1	Decal
4	1-804254	3	Nut
5	106-6778	3	Bushing-Latch, Swell
6	99-3058	3	Washer
7	106-6777	3	Handle-Latch, Swell
8	119-6534-01	1	Shield-Belt
10	104-1105	4	Spacer-Support, Deck
11	1-513336	2	Bushing-Deck
12	323-6	2	Screw-HH

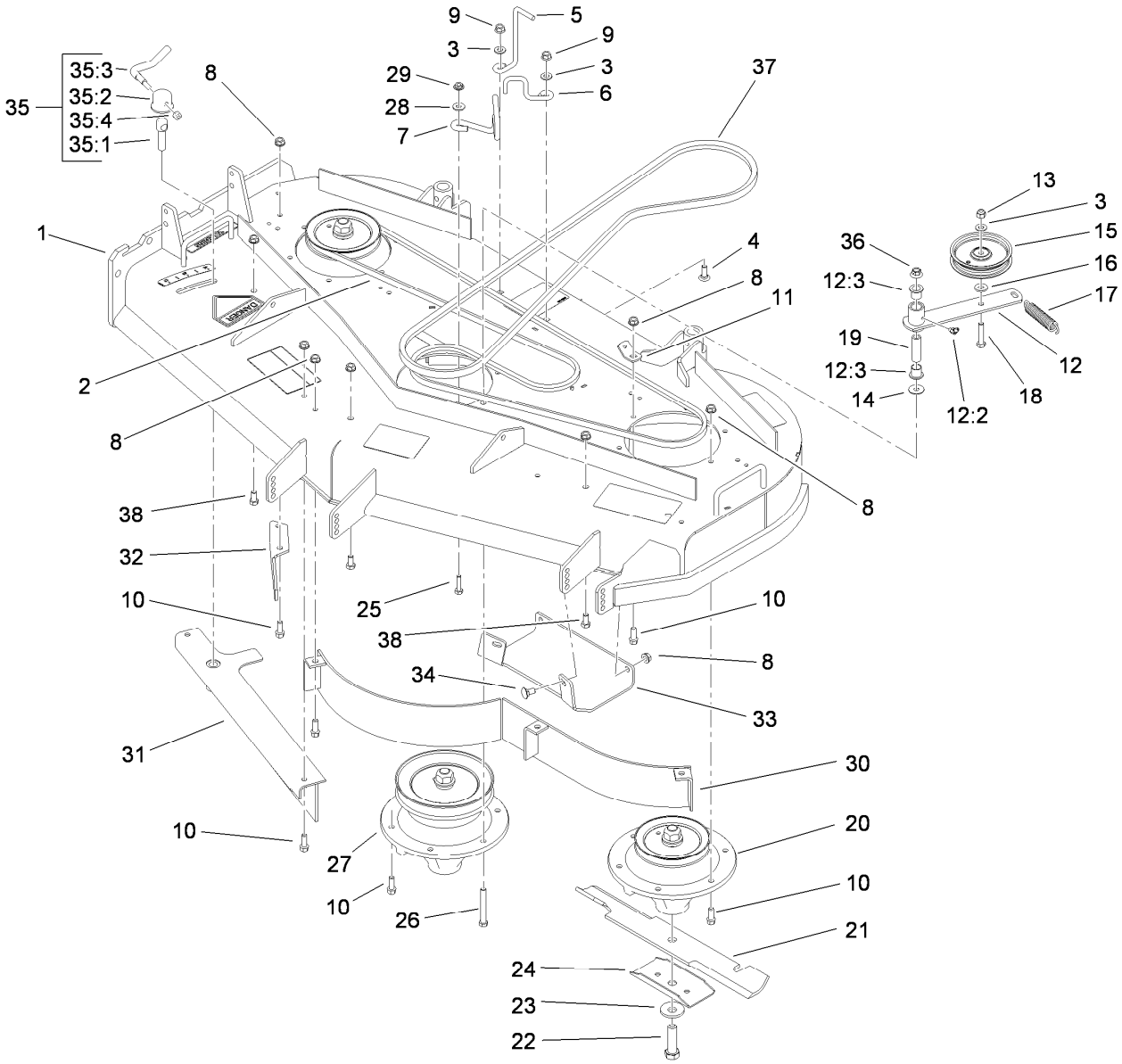
Ref.	Part Number	Qty.	Description
13	3256-24	2	Washer-Flat
14	32120-33	2	Ring-Retaining
15	1-323539	4	Spacer
16	106-0635	2	Decal-HOC
17	105-3159-01	2	Castor Fork ASM
18	32153-5	2	Nut-Hex
19	110-5024	2	Wheel And Tire ASM
19:2	112-7066	1	Bearing-Roller
19:3	1-513810	2	Bushing
19:4	302-61	1	Zerk
20	100-6453	2	Bushing-Spanner
21	325-19	2	Screw-HH
22	283-71	2	Pin-Lynch
23	3-6781	8	Washer-Thrust



Deck Drive and Baffle Assembly

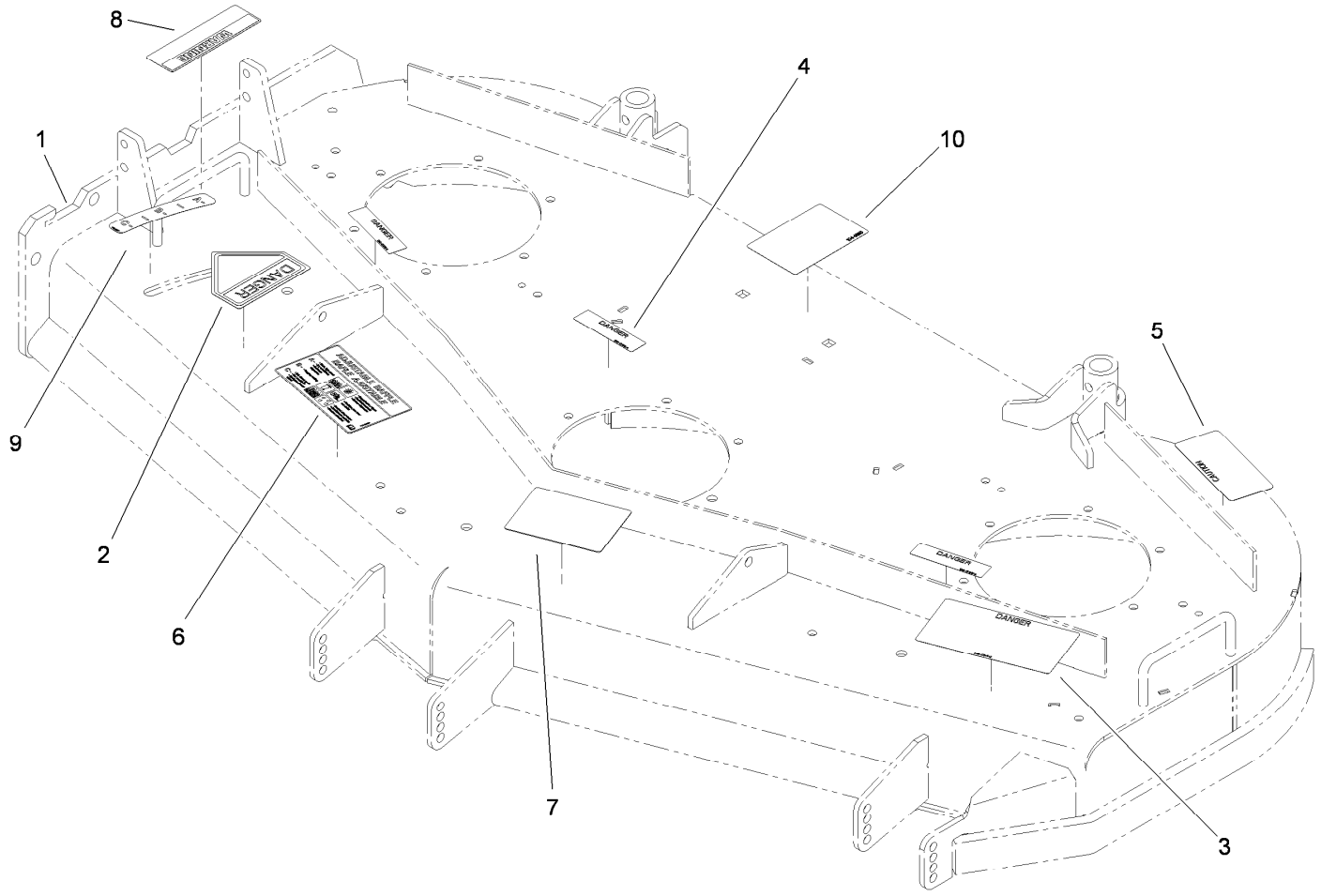
Ref.	Part Number	Qty.	Description
1	112-7083	1	Deck ASM
2	108-2694	1	Belt-V
3	3256-24	3	Washer-Flat
4	3231-22	2	Screw-CARR
5	98-5980	1	Guide-Belt
6	110-6975	1	Guide-Belt
7	105-0850	1	Guide-Belt
8	3290-357	29	Nut-HHF, Whiz
9	32128-21	2	Nut-HF
10	92-1624	22	Screw-HWH
11	104-6374	1	Plate-Spring
12	108-2728	1	Idler Arm ASM
12:2	302-11	1	Fitting-Lube, 45 DEG
12:3	256-90	2	Bushing-Flange
13	3296-39	1	Nut-Lock, NI
14	52-2860	1	Washer
15	93-1622	1	Pulley-Idler
16	9202414	1	Washer-Spacer
17	51-3650	1	Spring-Extension
18	323-9	1	Screw-HH
19	112-7091	1	Spacer

Ref.	Part Number	Qty.	Description
20	110-0728	2	Spindle ASM
21	105-7781-03	3	Blade-18 Inch (Hi Flow)
22	51-4060	3	Screw-Blade
23	103-0865	3	Washer-Blade Bolt, Heavy
24	108-2727	3	Stiffener-Blade
25	322-6	1	Screw-HH
26	323-14	1	Screw-HH
27	110-0730	1	Spindle ASM
28	3256-3	1	Washer-Flat
29	32128-13	1	Nut-HF
30	110-0740-03	1	Baffle ASM
31	110-0745-03	1	Adjustable Baffle ASM
32	110-0754-01	1	Baffle-Discharge
33	106-7358-01	1	Plate-Skid
34	3231-1	4	Screw-CARR
35	107-1664	1	Lever ASM
35:1	106-3239	1	Screw-Lock
35:2	107-1644	1	Cap-Lock
35:3	106-3241	1	Lever-Lock
35:4	3296-29	1	Nut-Lock, NI
36	32128-19	1	Nut-HF



Deck Drive and Baffle Assembly (continued)

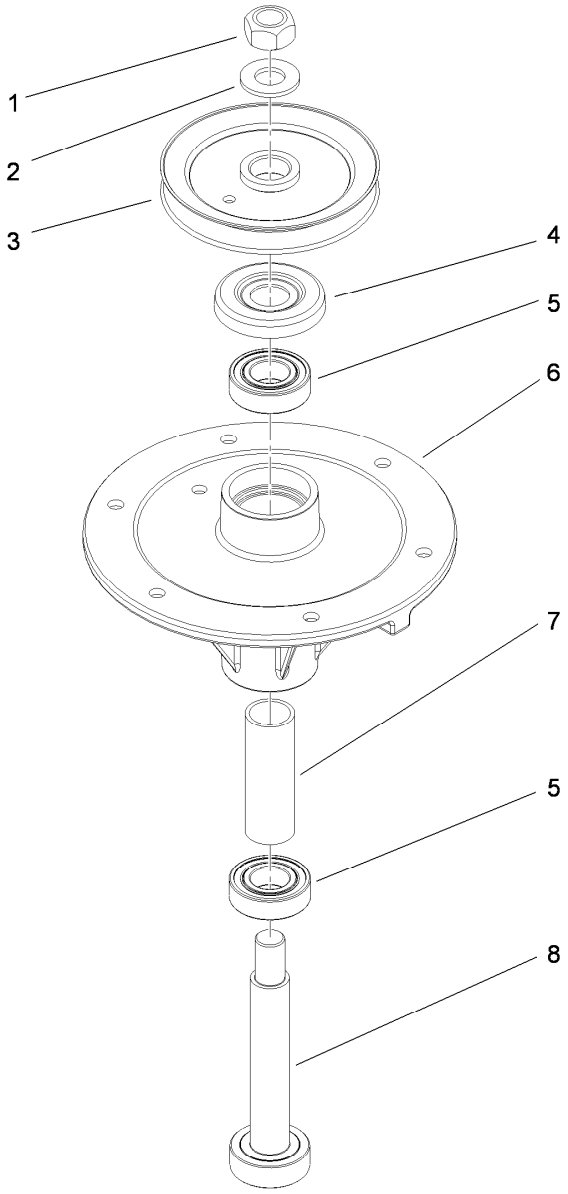
Ref.	*Part Number*	*Qty.*	*Description*
37	108-2693	1	Belt-V
38	323-4	3	Screw-HH



Deck Assembly No. 112-7083

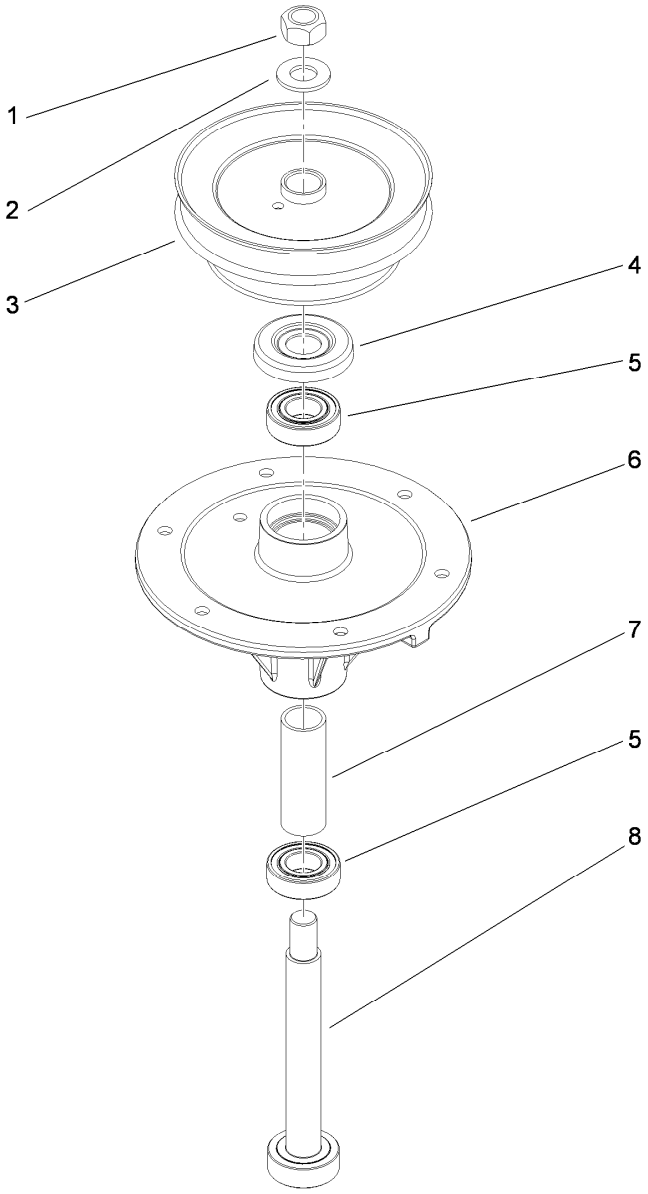
Ref.	*Part Number*	*Qty.*	*Description*
1		1	52 Inch Deck ASM ●
2	43-8480	1	Decal-Danger
3	66-1340	1	Decal-Danger, Thrown Object
4	98-5954	3	Decal-Cover, Missing
5	68-8340	1	Decal-Torque
6	110-2068	1	Decal-Adjustment, Baffle
7	105-7798	1	Decal-Scalp, Anti
8	104-8569	1	Decal-Warning
9	110-2067	1	Decal-Setting, Baffle
10	104-8186	1	Decal-Routing, Belt

● Not serviced separately



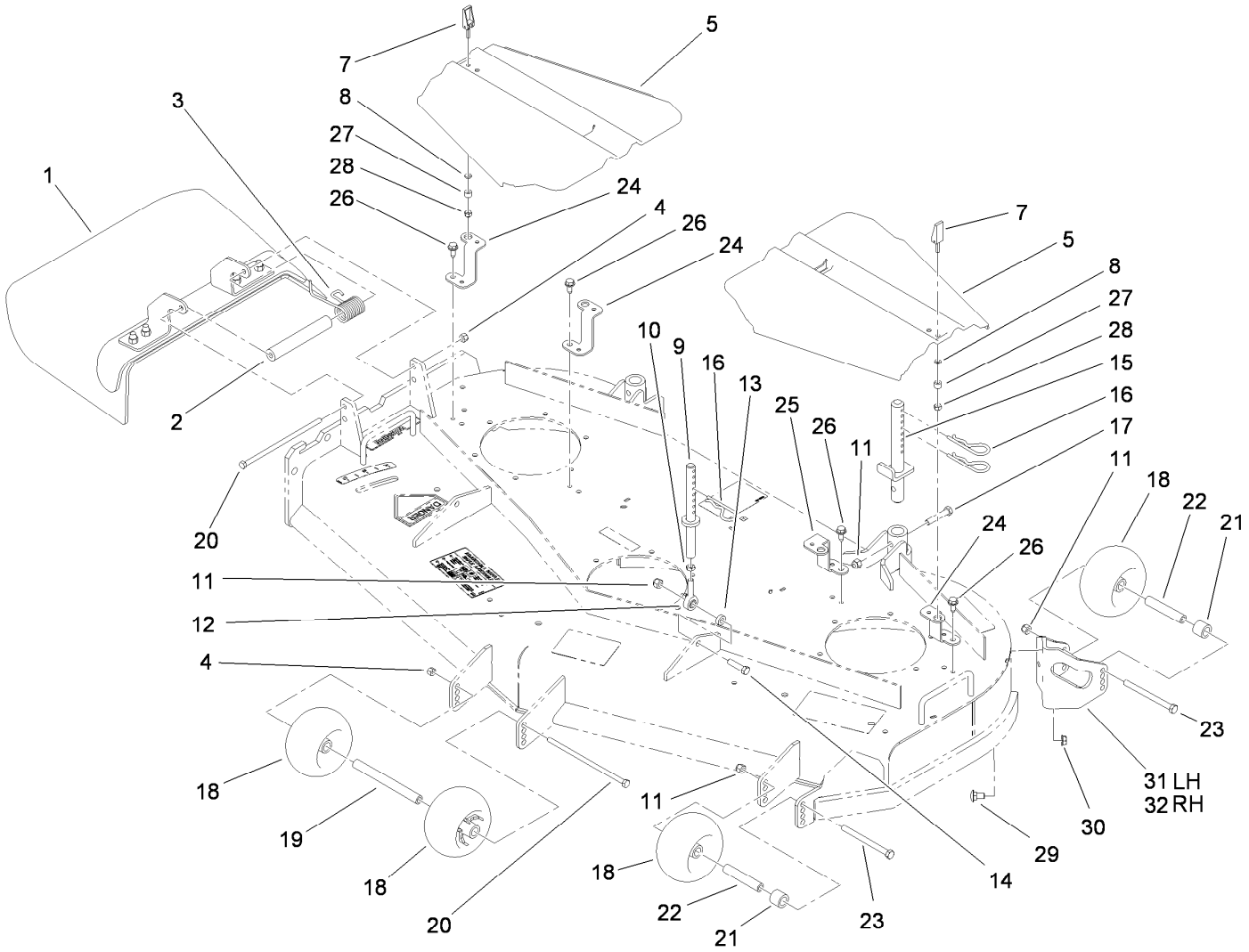
Spindle Assembly No. 110-0728

Ref.	*Part Number*	*Qty.*	*Description*
1	3219-7	1	Nut-Hex
2	7-4150	1	Washer
3	104-1181	1	Pulley ASM
4	106-0873	1	Shield-Bearing
5	104-6325	2	Bearing-Ball
6	108-6696	1	Housing-Spindle
7	110-0727	1	Spacer-Bearing
8	110-0726	1	Shaft-Spindle



Spindle Assembly No. 110-0730

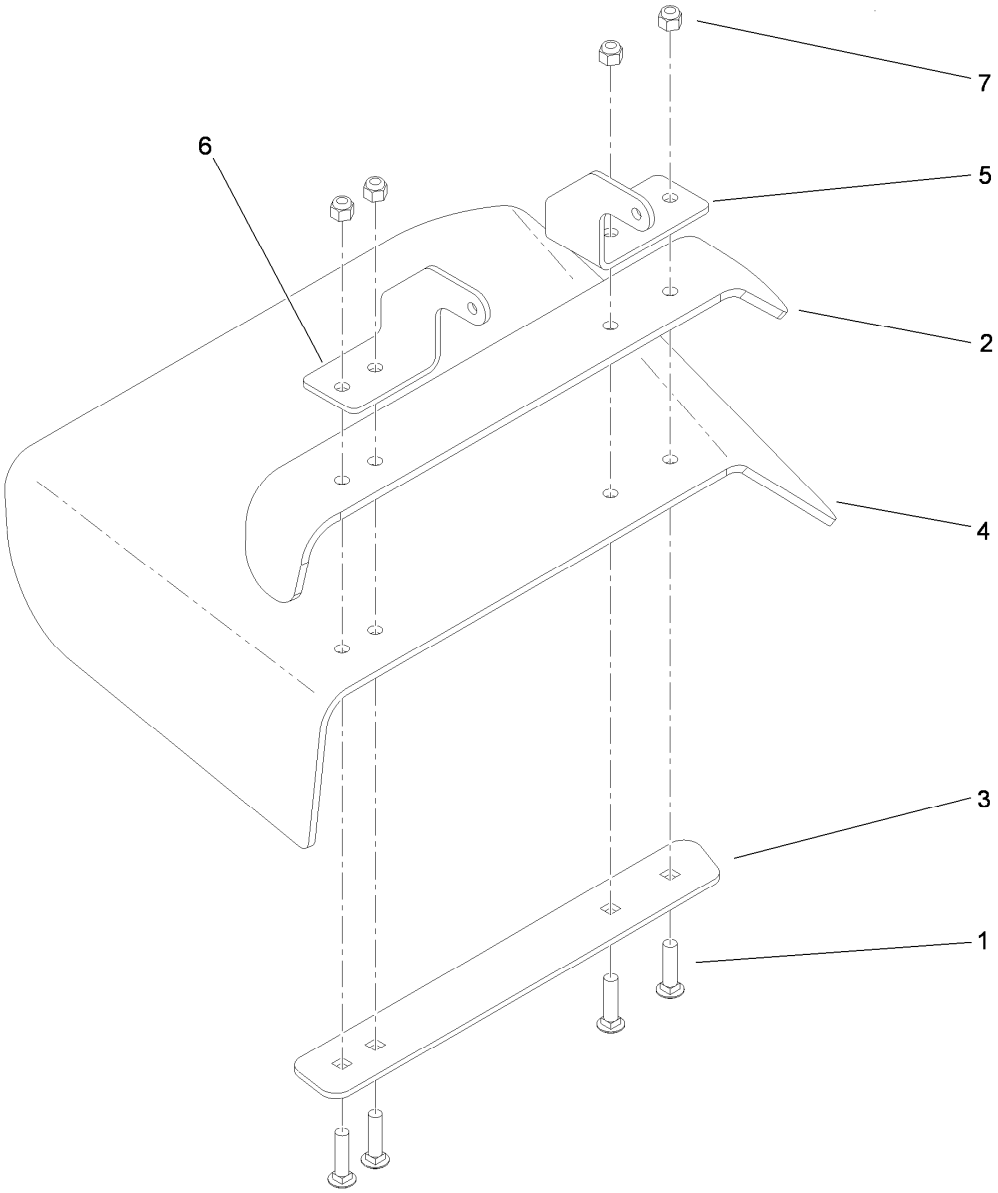
Ref.	*Part Number*	*Qty.*	*Description*
1	3219-7	1	Nut-Hex
2	7-4150	1	Washer
3	108-6627	1	Pulley And Hub ASM
4	106-0873	1	Shield-Bearing
5	104-6325	2	Bearing-Ball
6	108-6696	1	Housing-Spindle
7	110-0727	1	Spacer-Bearing
8	110-0725	1	Shaft-Spindle



Deck Assembly

Ref.	Part Number	Qty.	Description
1	110-0758	1	Deflector ASM
2	105-4622	1	Spacer
3	104-8554	1	Spring-Torsion
4	3296-29	2	Nut-Lock, NI
5	107-8536	2	Cover-Belt
7	106-6777	2	Handle-Latch, Swell
8	99-3058	2	Washer
9	108-2674	2	Front Pin ASM
10	3220-3	2	Nut-HJ
11	3296-39	7	Nut-Lock, NI
12	1-613204	2	Balljoint
13	104-1156	2	Spacer
14	323-8	2	Screw-HH
15	110-2086	2	Rear Pin ASM
16	3290-256	6	Pin-Hair
17	323-10	2	Screw-HH

Ref.	Part Number	Qty.	Description
18	1-603299	5	Roller-Scalp, Anti
19	98-5967	1	Spacer-Wheel
20	322-50	2	Screw-HH
21	98-7913	3	Tube-Spacer
22	98-7912	3	Tube-Spanner
23	323-23	3	Screw-HH
24	108-2698-01	3	Bracket-Cover
25	108-2699-01	1	Bracket-Cover
26	32144-70	4	Screw-HWHTF
27	106-6778	2	Bushing-Latch, Swell
28	1-804254	2	Nut
29	3231-1	6	Screw-CARR
30	32128-21	6	Nut-HF
31	110-0736-01	1	Bracket-Roller, LH
32	110-0737-01	1	Bracket-Roller, RH



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	3296-39	4	Nut-Lock, NI

Attachments and Accessories

For 30079 Commercial Walk-Behind Mower, Floating Deck, T-Bar, Gear Drive 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
Blade-Hi-Flow, 18 Inch (6 Pack)	108-1117
Blade-Atomic, 18 Inch (6 Pack)	108-1118
Blade-Lo-Flow, 18 Inch (6 Pack)	110-0406
Blade-Recycler, 18 Inch (6 Pack)	110-0408
Blade-Med-Flow, 18 Inch (6 Pack)	110-0409
52 Inch Recycler Kit	110-2040
Weight-Cast	112-7059-01
Weight Kit	112-9971
Operator-Controlled Discharge Chute Kit	115-4195
Soft Bag (3 Bushel)	30104
Tru Trak Sulky	30110

Notes:

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Count on it.