Form No. 3399-219 Rev A

TORO®

Count on it.

Parts Catalog

Commercial Walk-Behind Mower

Floating Deck, T-Bar, Gear Drive with 48in TURBO FORCE® Cutting Unit

Model No. 39078—Serial No. 316000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3399-219 A

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

HP: high pressure

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: low pressure

LPG: Liquefied Petroleum Gas

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

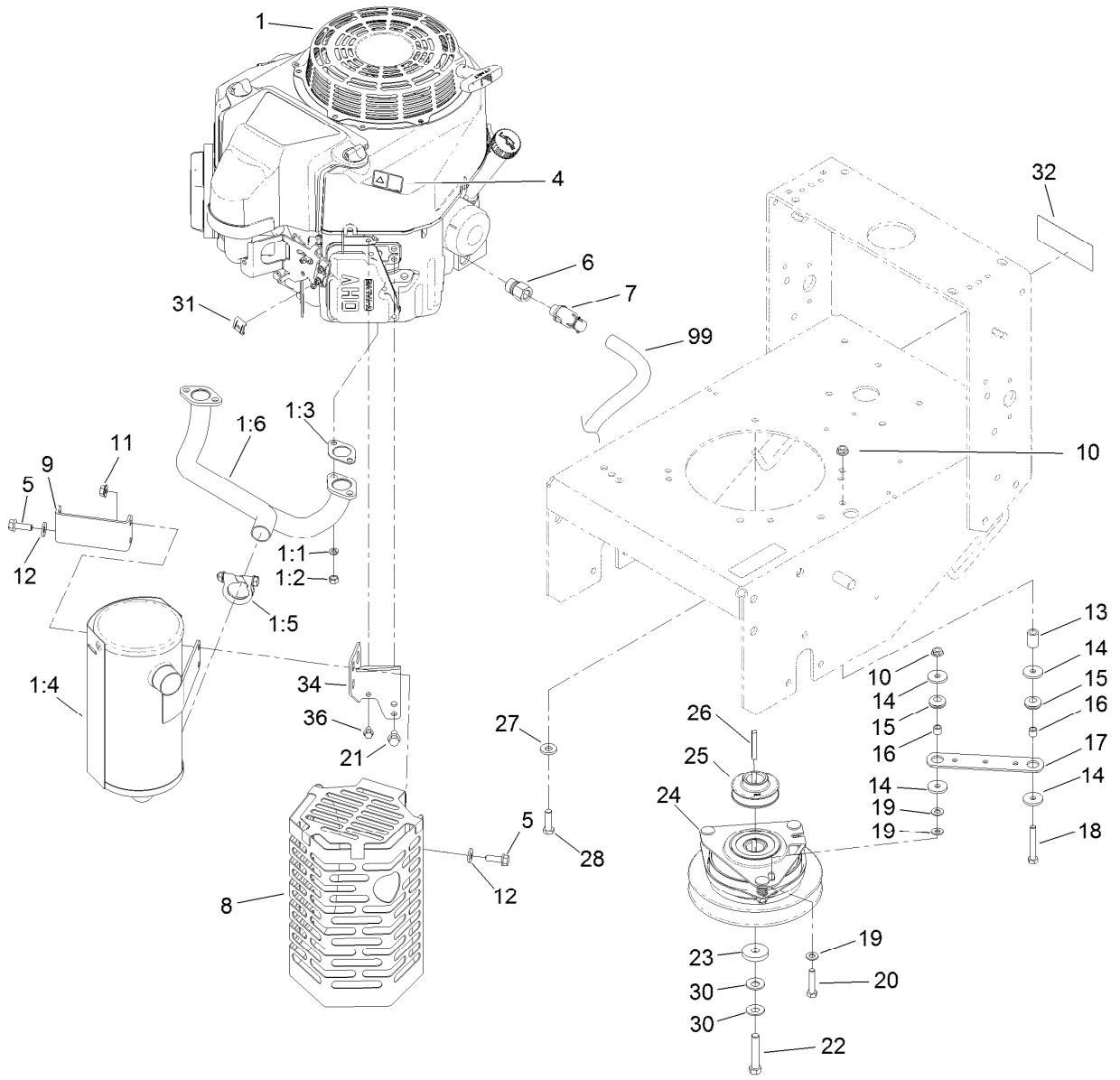
TTH: torx truss head

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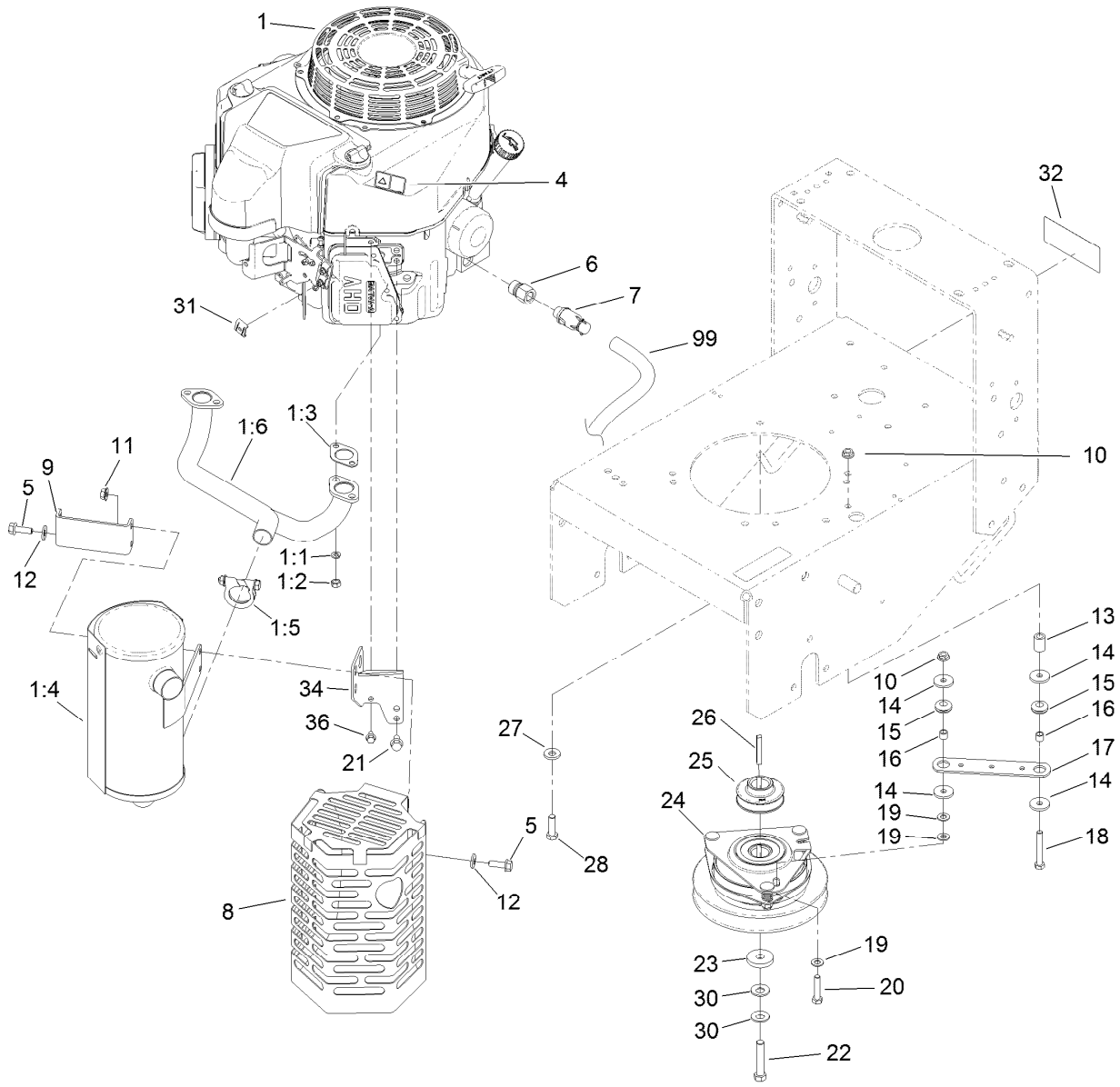


Engine and Clutch Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fs541V ■▲
1:1	114-3550	4	Washer-Lock
1:2	114-3549	4	Nut
1:3	1-653313	2	Gasket-Exhaust
1:4	119-7800	1	Muffler-Engine
1:5	119-7801	1	Clamp-Muffler
1:6	119-7802	1	Manifold-Exhaust
1:99	92-2153	1	Spark Plug ●
1:99	120-7447	1	Element-Filter, Air ●
1:99	120-2235	1	Filter-Fuel ●
1:99	119-5852	1	Filter-Oil ●
4	106-5517	1	Decal-Warning, Hot Surface
5	33104-025	4	Screw-HHF
6	103-1966	1	Adapter
7	120-4321	1	Valve-Drain, Oil
8	119-3629-03	1	Shield-Muffler
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
16	1-633545	2	Spacer
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	2	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

● Not illustrated
▲ Obtain parts from www.kawpowerepc.com

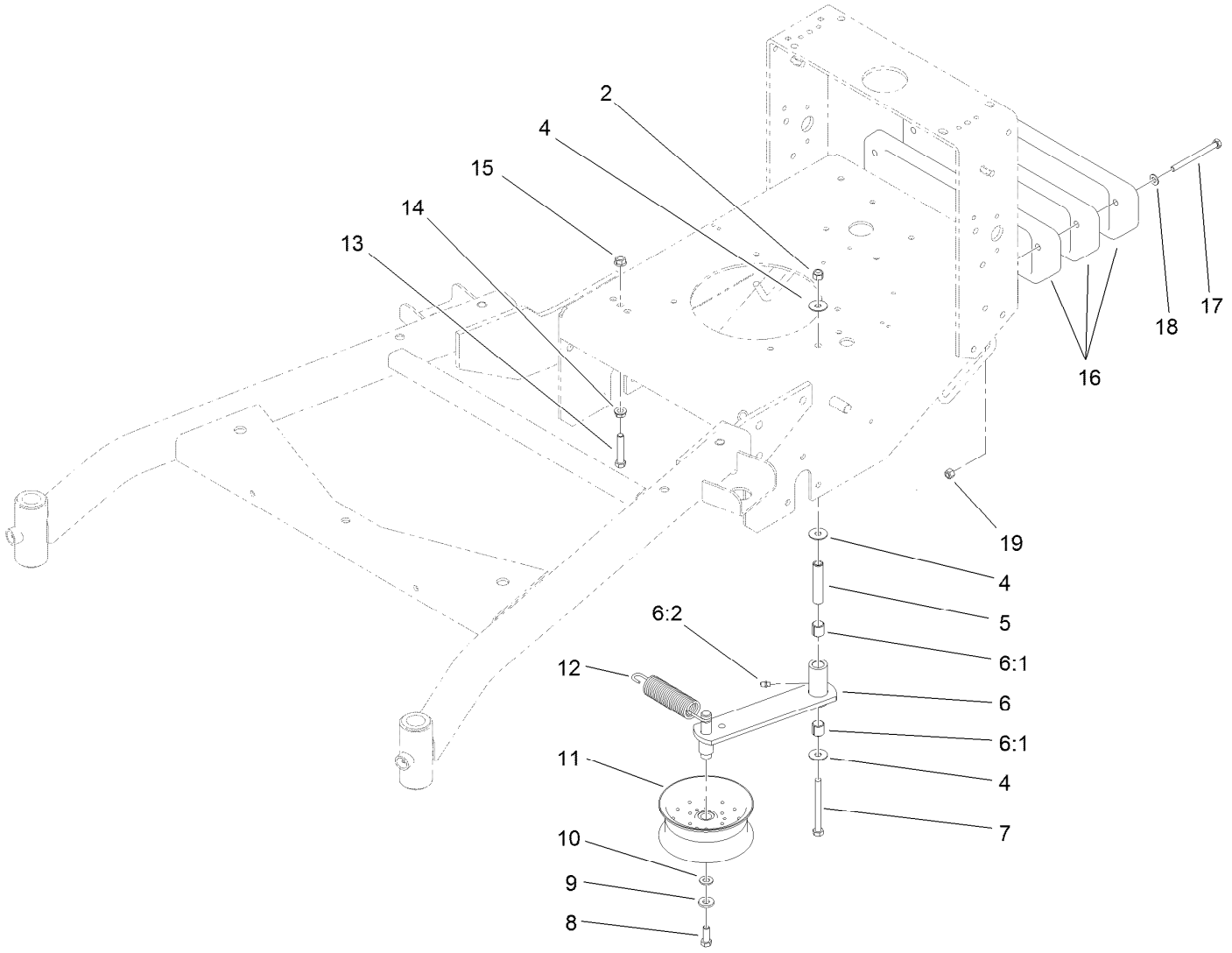
■ Not serviced separately



Engine and Clutch Assembly (continued)

Ref.	Part Number	Qty.	Description
28	323-7	4	Screw-HH
30	1-603610	2	Washer-Spring
31	81-1690	1	Clamp-Cable
32	126-1400	1	Decal-Warning, Sulky
34	117-8561-03	1	Bracket-Muffler
36	33103-012	1	Screw-HHF
99	103-1964	1	Hose-Drain, Oil

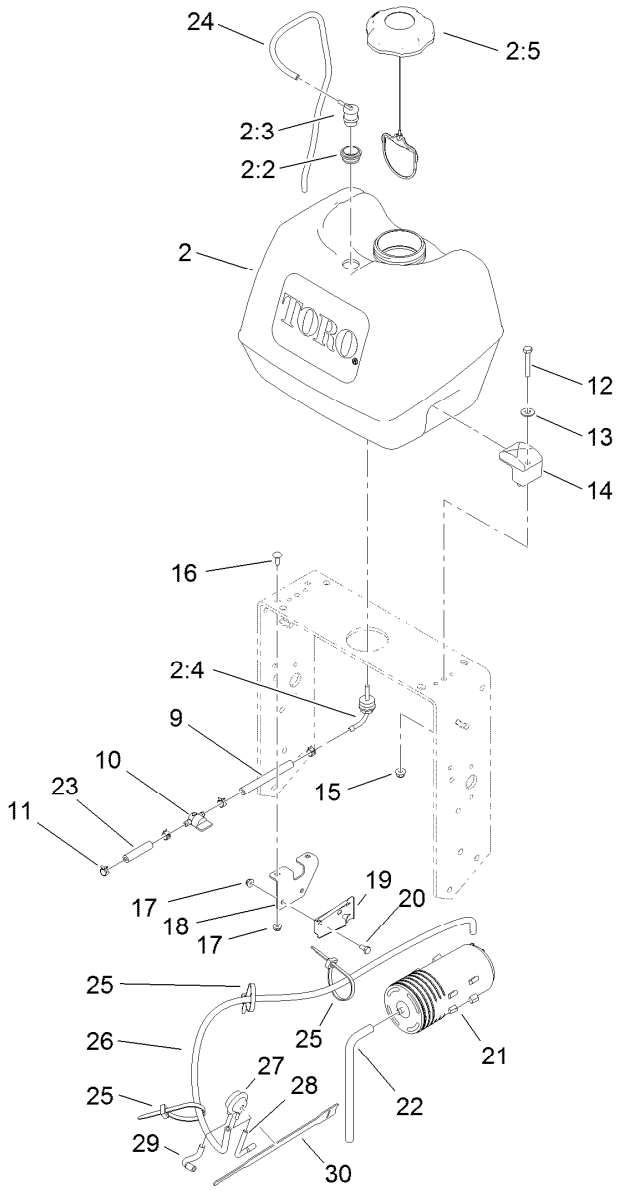
● Not illustrated
▲ Obtain parts from www.kawpowerepc.com
■ Not serviced separately



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

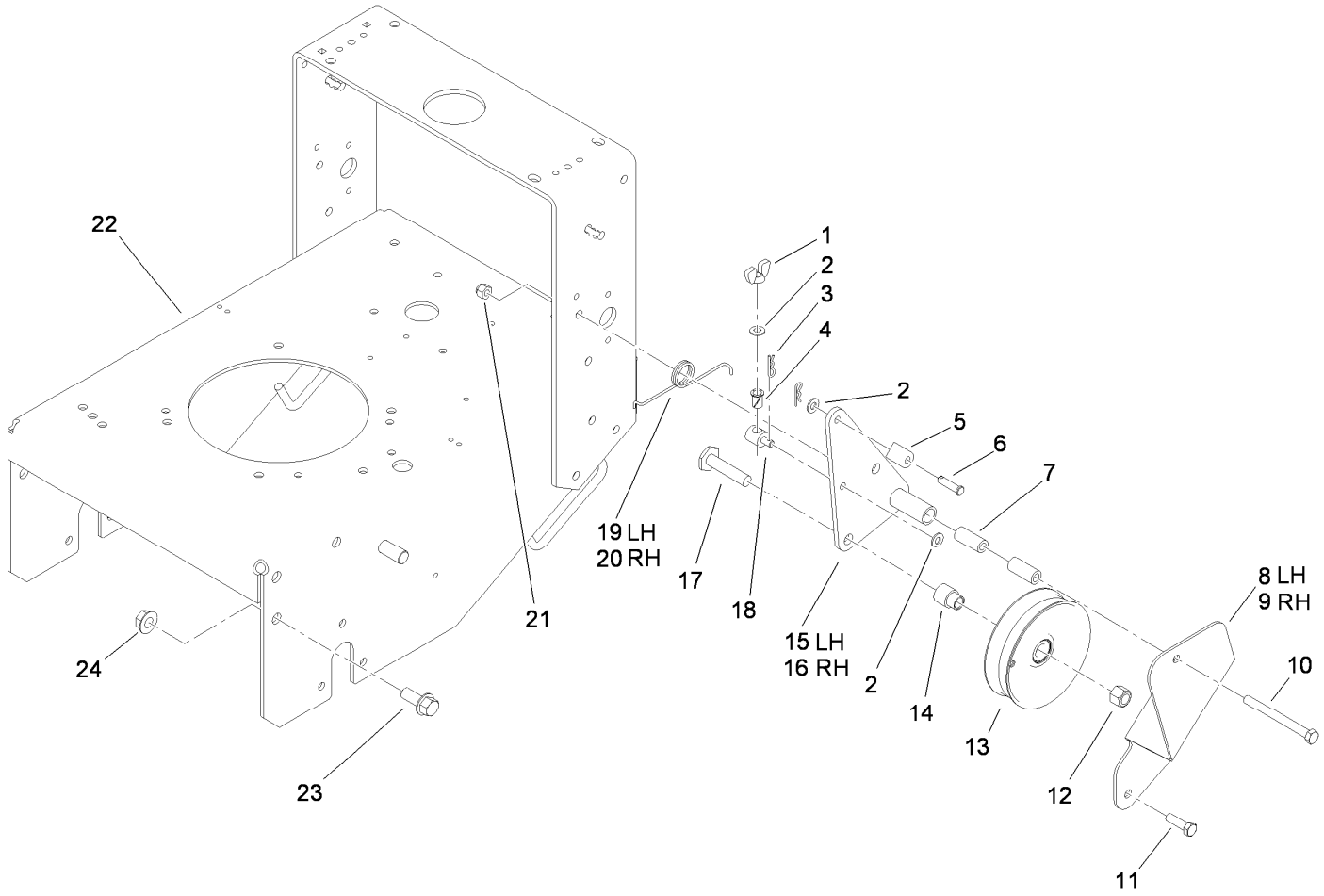
Ref.	Part Number	Qty.	Description
11	116-4666	1	Idler-Pulley, Flat
12	105-8443	1	Spring-Extension
13	323-10	1	Screw-HH
14	3290-357	1	Nut-HHF, Whiz
15	32128-21	1	Nut-HF
16	112-7059-01	3	Weight-Cast
17	322-38	2	Screw-HH
18	3256-23	2	Washer-Flat
19	3296-29	2	Nut-Lock, NI



Fuel System Assembly

Ref.	Part Number	Qty.	Description
2	126-1526	1	Fuel Tank ASM
2:2	114-0284	1	Grommet
2:3	119-3547	1	Valve-Vent, Fuel
2:4	103-2605	1	Fitting-Fuel, Bulkhead
2:5	120-5461	1	Cap-Fuel, Ratcheting
9	109-0650	1	Hose-Fuel
10	1-603770	1	Valve-Fuel
11	2412-98	4	Clamp-Hose
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	Bolt-CARR
17	104-7201	4	Nut-Flange, NI

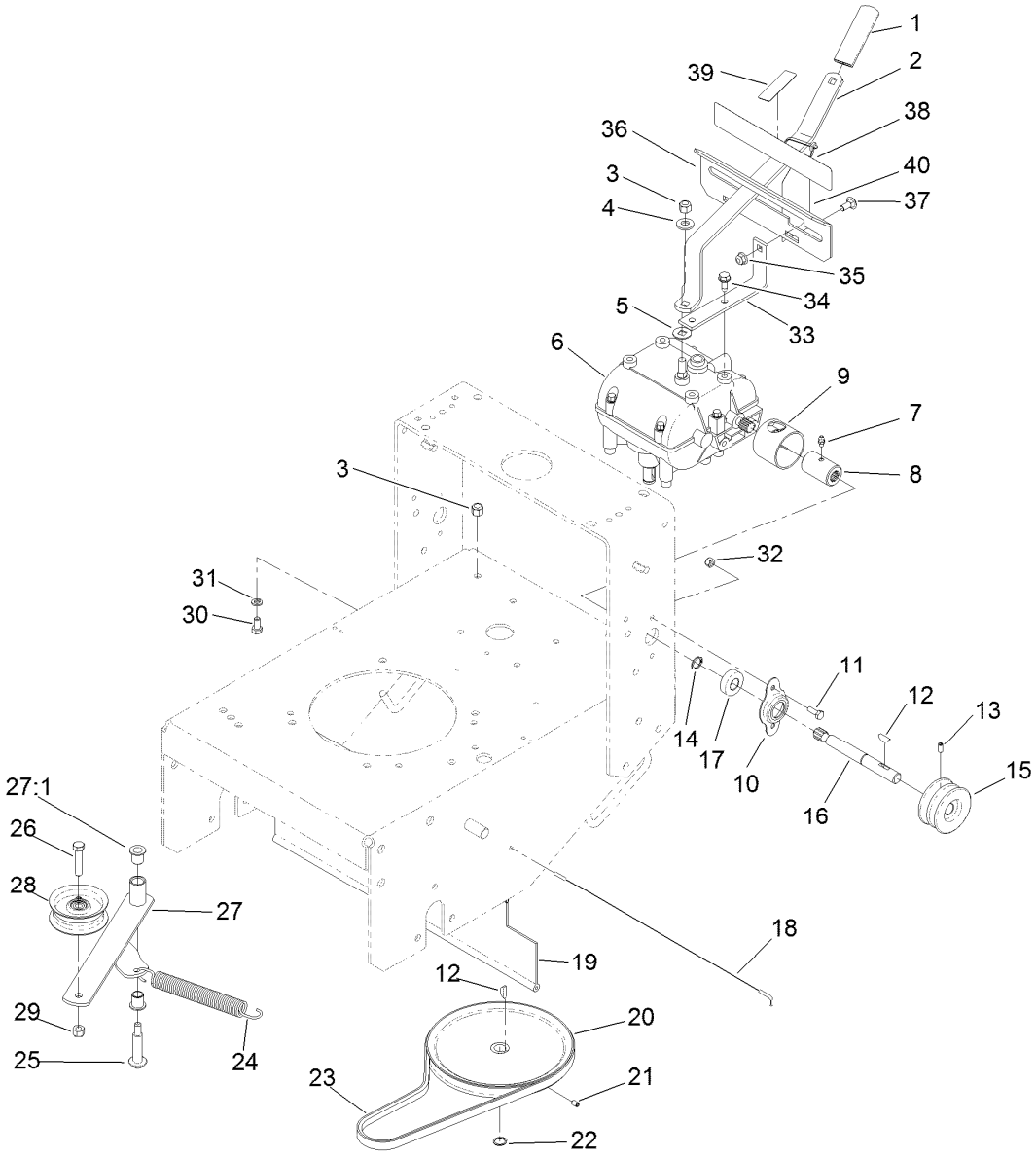
Ref.	Part Number	Qty.	Description
18	115-4486-01	1	Bracket-Canister, Carbon
19	114-0292	1	Bracket-Canister, Carbon
20	321-2	2	Screw-HH
21	117-1221	1	Canister-Carbon, 800Cc
22	115-0962	1	Hose-Vent, Canister
23	99-9415	1	Hose-Fuel
24	114-0286	1	Hose-Vent
25	3290-378	3	Tie-Cable
26	116-2231	1	Hose-Vent, Formed
27	116-2232	1	Valve-Control, Vacuum
28	119-8501	1	Hose-Vent, Formed
29	119-8502	1	Hose-Vent, Formed
30	116-2469	1	Strap-Velcro, Cable Tie



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-Cotter
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

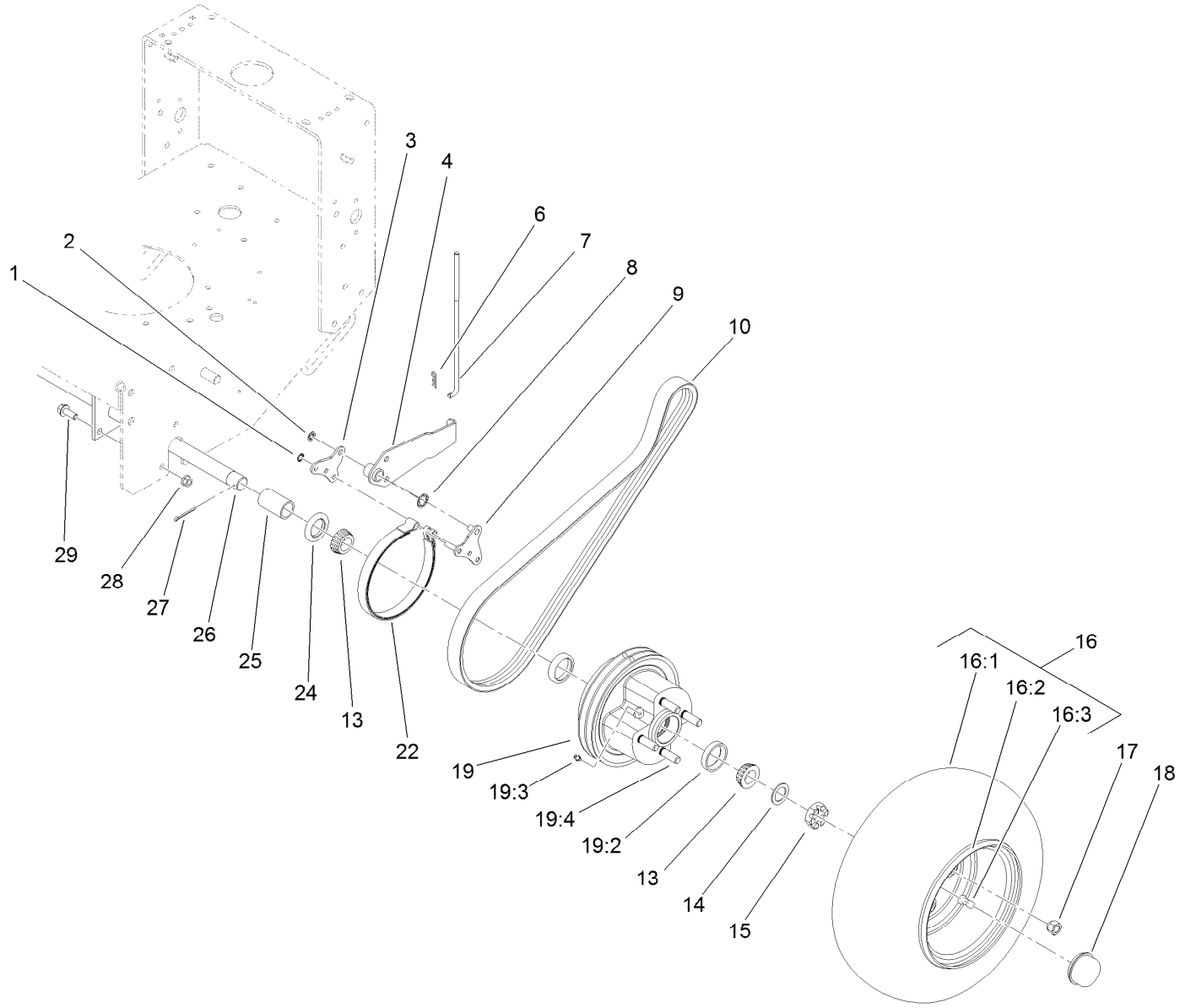
Ref.	Part Number	Qty.	Description
13	95-2800	2	Pulley-Idler
14	95-2801	2	Spacer-Pulley
15	108-2740-01	1	Arm-Idler, LH
16	108-2741-01	1	Arm-Idler, RH
17	51-4450	2	Screw-Leveler
18	68-9690	2	Fitting-Rod
19	51-4380	1	Spring-Torsion, LH
20	51-4370	1	Spring-Torsion, RH
21	3296-39	6	Nut-Lock, NI
22	117-5236-01	1	Frame-Gear
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	121-5989	2	Screw-Set, HSH
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
21	3245-41	1	Screw-HSH

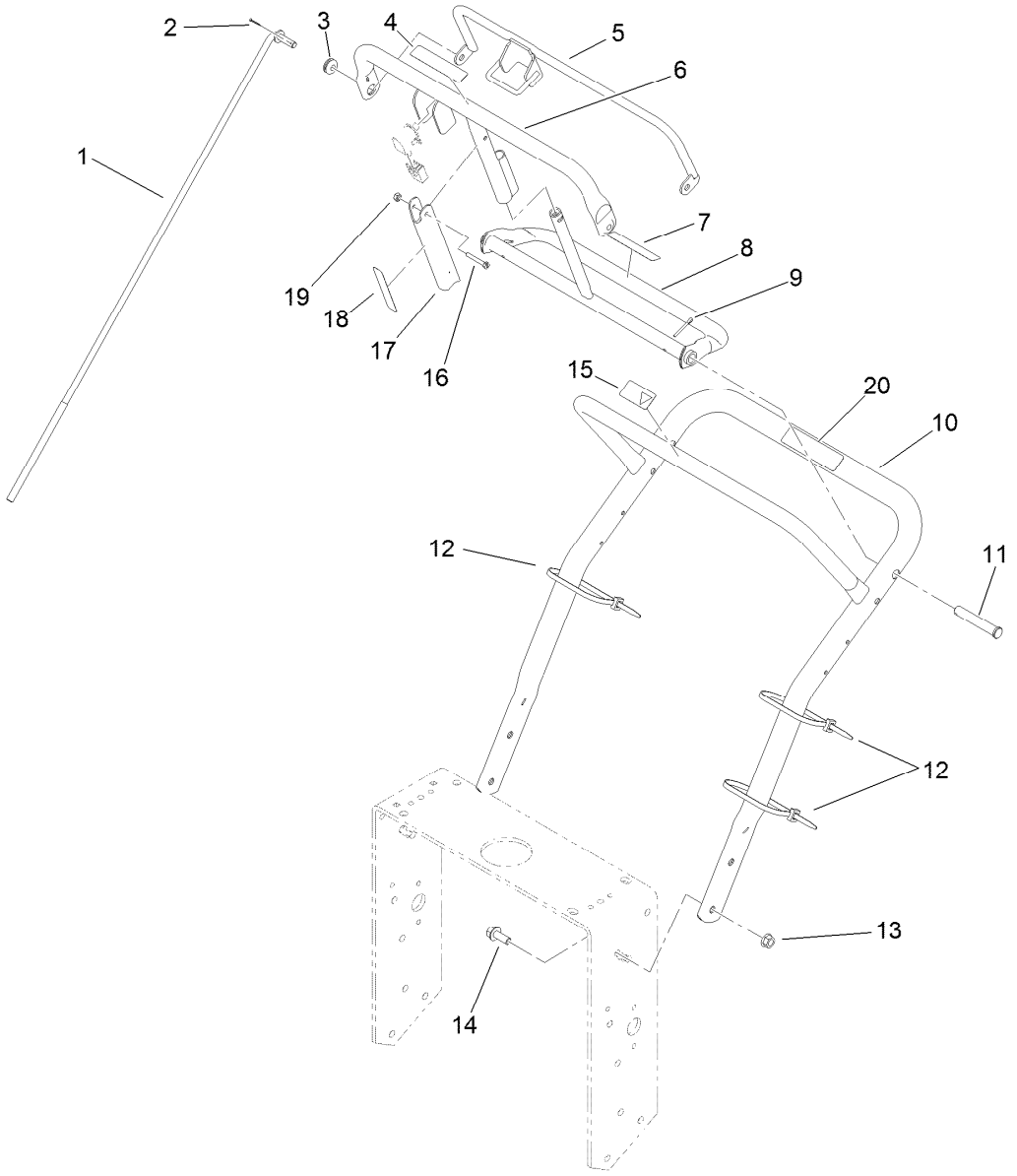
Ref.	Part Number	Qty.	Description
22	32120-64	1	Ring-Snap, External
23	105-5668	1	V-Belt
24	80-6610	1	Spring-Extension
25	27-6230	1	Bolt-Wheel
26	323-9	1	Screw-HH
27	16-7509	1	Lever-Idler
27:1	256-155	2	Bushing-Flange
28	62-4540	1	Pulley
29	3296-39	1	Nut-Lock, NI
30	322-2	4	Screw-HH
31	3253-4	4	Washer-Lock
32	3296-42	4	Nut-Lock, NI
33	1-323389-03	2	Bracket-Plate, Shift
34	32144-11	4	Screw-HWHTF
35	104-8300	2	Nut-Flange, NI
36	1-323387-03	1	Plate-Shift
37	3230-1	2	Bolt-CARR
38	98-3264	1	Decal-Speed, Ground
39	132-4708	1	Decal-Caution, Gearbox
40	132-4712	1	Hang Tag-Gearbox



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	Arm-Brake
6	3290-307	2	Pin-Cotter
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	130-4555	2	Wheel And Tire ASM
16:1	104-6322	1	Tire
16:2	130-4569	1	Wheel

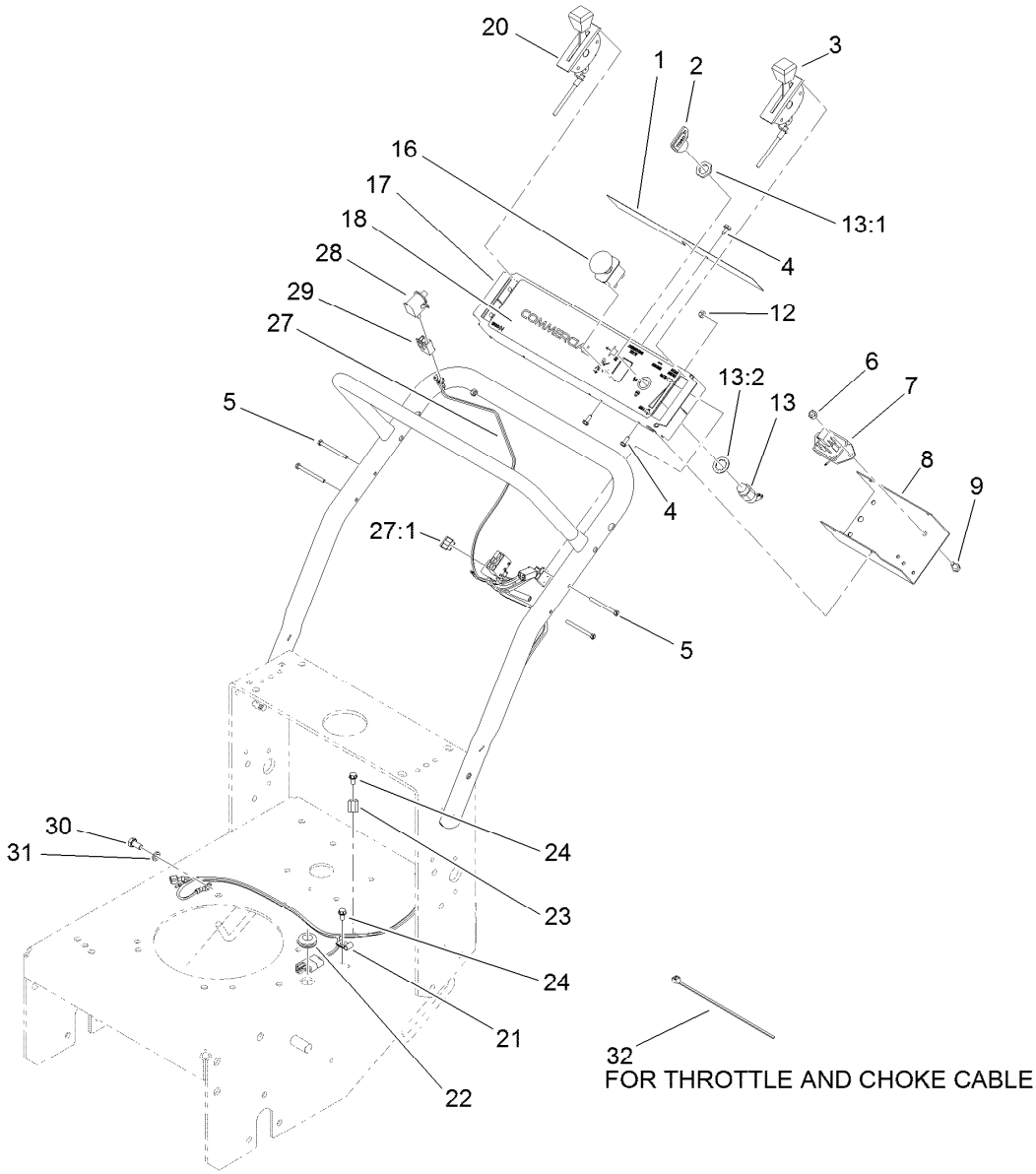
Ref.	Part Number	Qty.	Description
16:3	232-27	1	Stem-Valve
17	242-50	8	Nut-Lug
18	241-119	2	Cap-Dust
19	107-4090	2	Wheel Hub ASM
19:2	1-543508	2	Cup-Bearing
19:3	302-5	1	Fitting-Grease
19:4	10-6830	4	Stud-Type, Drive
22	1-323262	2	Band-Brake
24	1-543511	2	Seal-Grease
25	110-5006	2	Spacer-Wheel
26	110-4983-01	1	Axle
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	93-7298	1	Decal-Bar, Control
5	82-7680-03	1	Bail
6	82-7690-03	1	Bar-Control
7	93-7299	1	Decal-Reverse
8	106-5477-03	1	Pivot-Control
9	3272-11	2	Pin-Cotter
10	105-3158-03	1	Handle-Upper

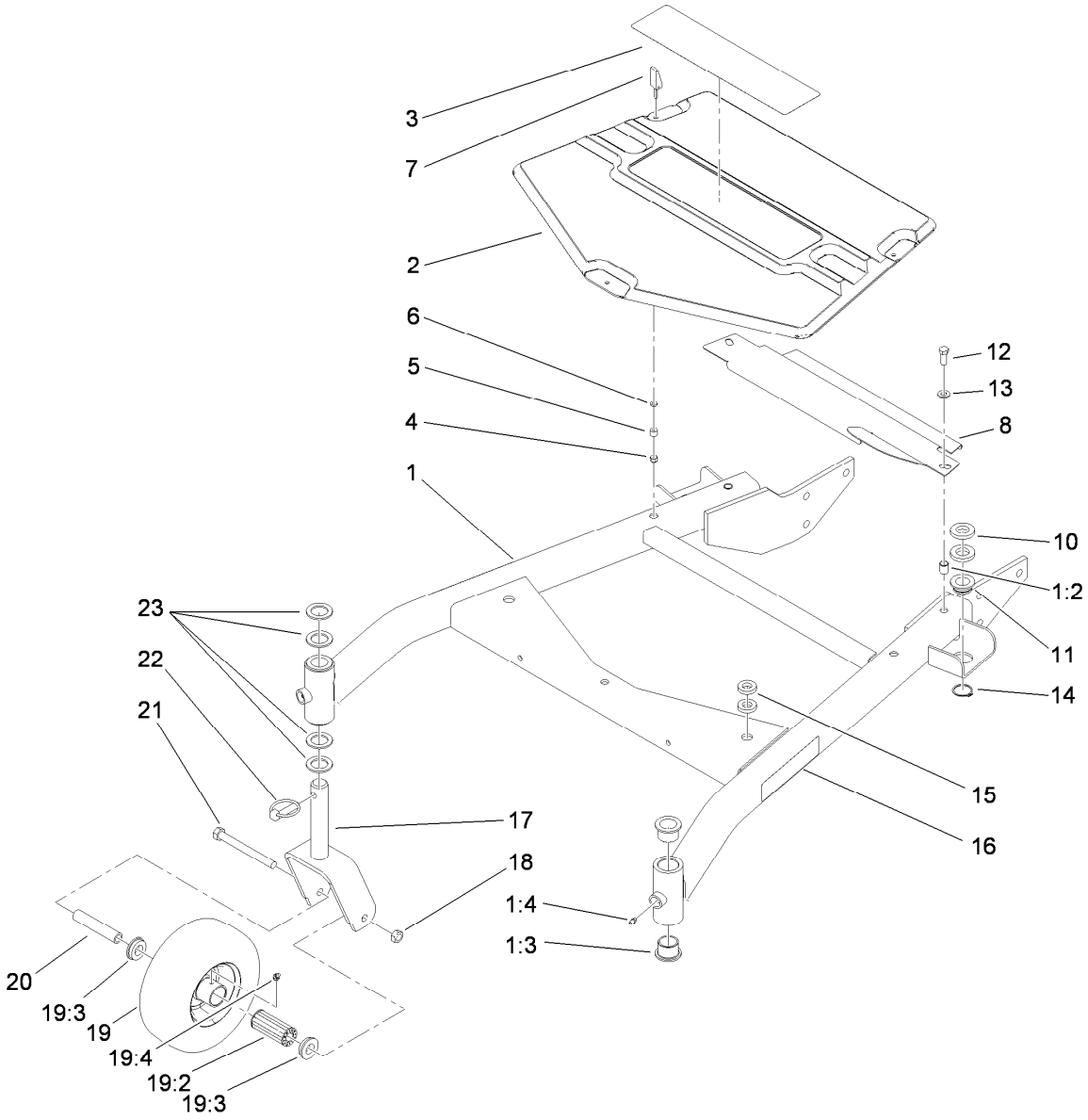
Ref.	Part Number	Qty.	Description
11	283-55	2	Pin-Clevis
12	3290-378	3	Tie-Cable
13	32128-21	4	Nut-HF
14	3234-11	4	Screw-HHF
15	98-4387	1	Decal-Protection, Ear
16	32105-1	1	Screw-SHH
17	51-4850-03	1	Lever-Brake, Parking
18	93-7442	1	Decal-Lever, Parking
19	3296-2	1	Nut-Lock, NI
20	117-2718	1	Decal-Arrester, Spark



Control Panel Assembly

Ref.	Part Number	Qty.	Description
1	106-5519	1	Decal-Danger
2	63-8360	1	Key-Ignition
3	119-6539	1	Cable-Throttle
4	32104-76	4	Screw-HWHTF
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
16	104-8140	1	Switch-PTO

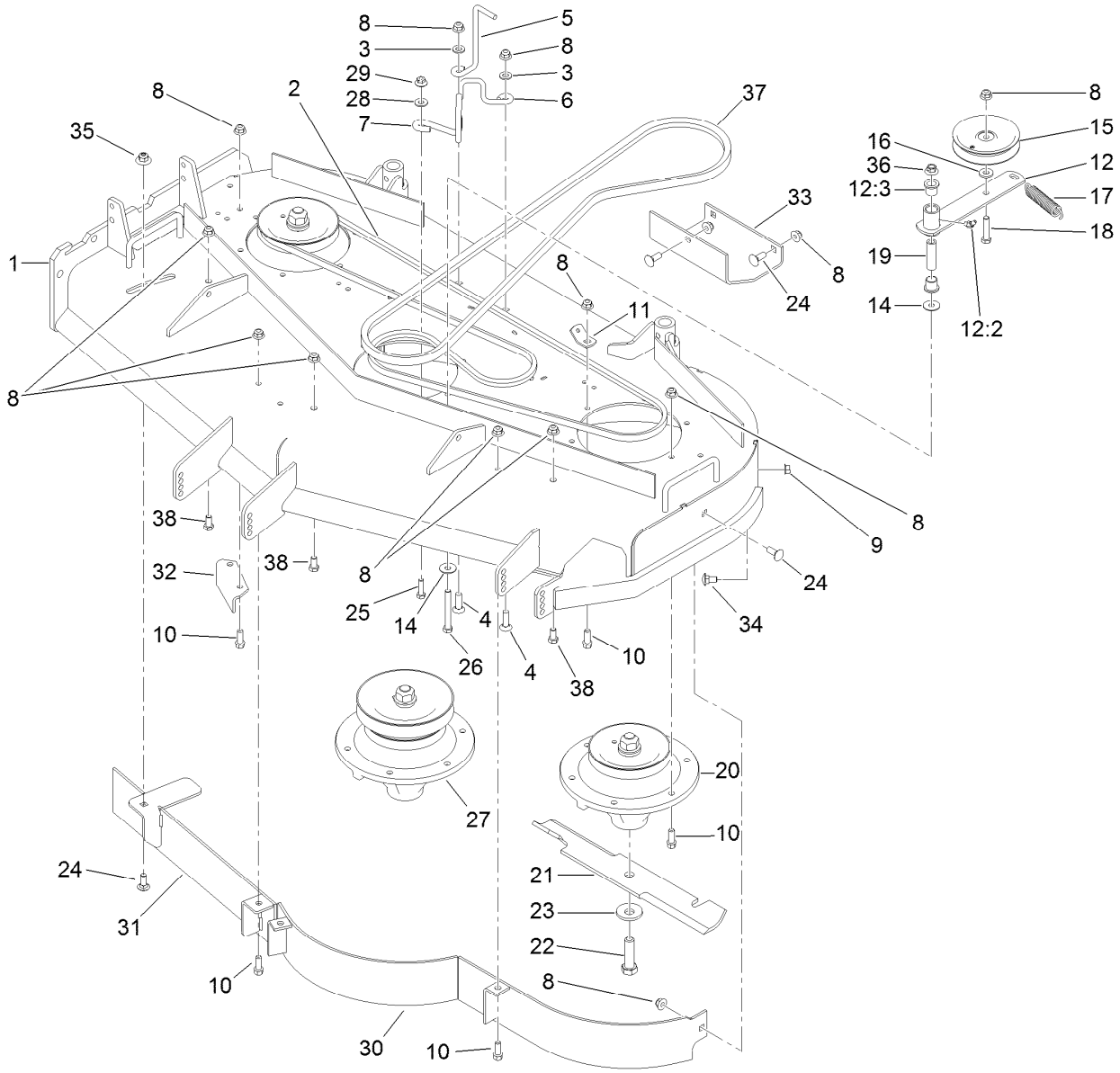
Ref.	Part Number	Qty.	Description
17	110-4982-03	1	Panel-Control
18	110-4972	1	Decal-Panel, Control
20	110-4995	1	Cable-Choke
21	2412-72	1	Clip-Closed, Insulated
22	112-7069	1	Grommet
23	2412-134	1	Clamp-R
24	32144-4	2	Screw-HWH
27	119-6508	1	Harness-Wire
27:1	114241	1	Fuse-Blade, 7.5 Amp
28	82-2190	1	Switch-Bail
29	218-595	1	Connector-Body
30	33114-016	1	Screw-HH
31	3253-4	1	Washer-Lock
32	1-303287	1	Tie-Cable



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	112-9712	1	Decal
4	1-804254	3	Nut-Lock, HH
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

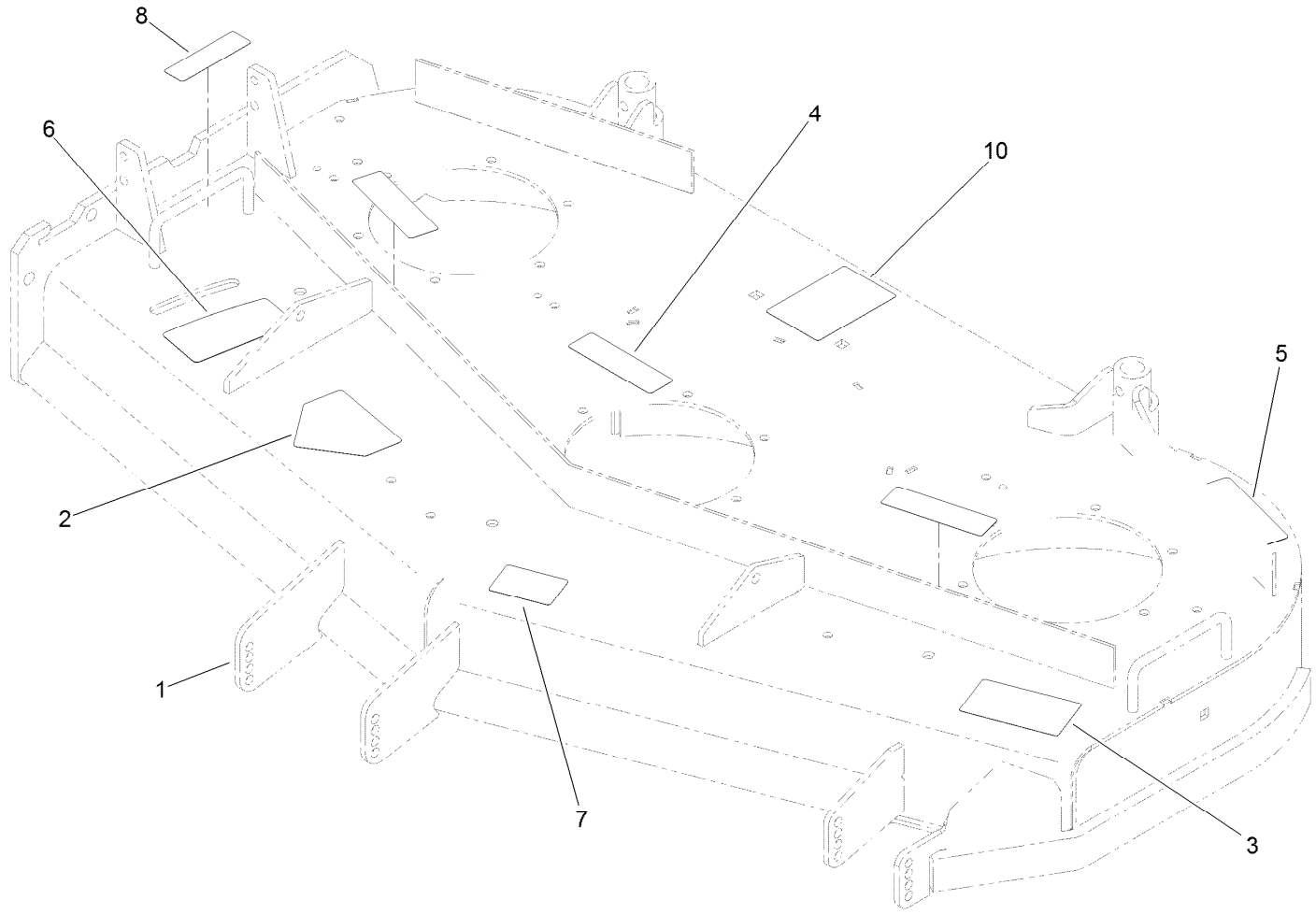
Ref.	Part Number	Qty.	Description
13	3256-24	2	Washer-Flat
14	32120-33	2	Ring-Retaining
15	1-323539	4	Spacer
16	130-8372	2	Decal-HOC
17	105-3159-01	2	Fork-Castor
18	32153-5	2	Nut-Hex
19	130-4556	2	Wheel And Tire ASM
19:2	112-7066	1	Bearing-Roller
19:3	1-513810	2	Bushing
19:4	302-61	1	Fitting-Grease
20	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	112-7082	1	Deck ASM
2	108-2716	1	Belt-V
3	3256-24	2	Washer-Flat
4	3231-28	2	Screw-CARR
5	98-5980	1	Guide-Belt
6	110-6975	1	Guide-Belt
7	105-0850	1	Guide-Belt
8	104-8301	35	Nut-Flange, NI
9	32128-21	3	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
14	52-2860	2	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

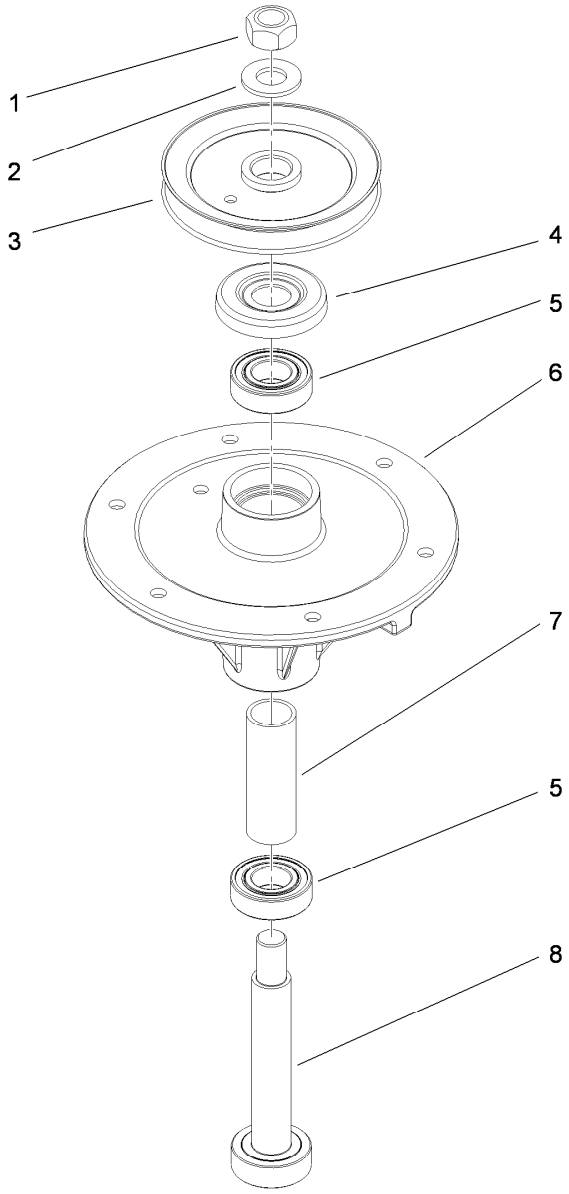
Ref.	Part Number	Qty.	Description
20	110-0728	2	Spindle ASM
21	107-3192-03	3	Blade-16.5 Inch (High Flow)
22	51-4060	3	Screw-Blade
23	103-0865	3	Washer-Blade Bolt, Heavy
24	3231-2	5	Bolt-CARR
25	322-6	1	Screw-HH
26	323-14	1	Screw-HH
27	110-0729	1	Spindle ASM
28	3256-3	1	Washer-Flat
29	32128-13	1	Nut-HHF
30	110-0735-03	1	Baffle
31	121-1792-03	1	Baffle
32	110-0744-01	1	Baffle-Discharge
33	107-3166-01	1	Skid
34	3231-1	3	Screw-CARR
35	109-6658	1	Nut-Flange, NI
36	32128-19	1	Nut-HF
37	108-2715	1	Belt-V
38	323-4	3	Screw-HH



Deck Decal Assembly No. 112-7082

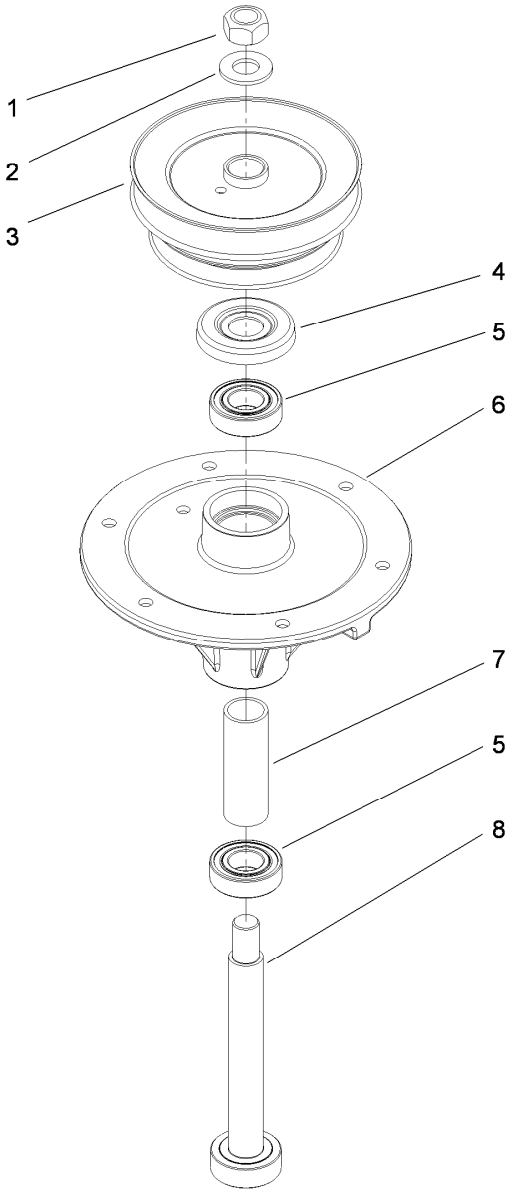
Ref.	*Part Number*	*Qty.*	*Description*
1		1	48 Inch Deck ASM ●
2	112-8760	1	Decal-Danger
3	93-7010	1	Decal-Danger
4	112-9028	3	Decal-Missing, Cover
5	93-7818	1	Decal-Torque, Blade Bolt
6	131-1180	1	Decal-Adjustment, Baffle
7	130-0765	1	Decal-Scalp, Anti
8	93-7828	1	Decal-Warning, Deflector
10	104-8186	1	Decal-Routing, Belt

● Not serviced separately



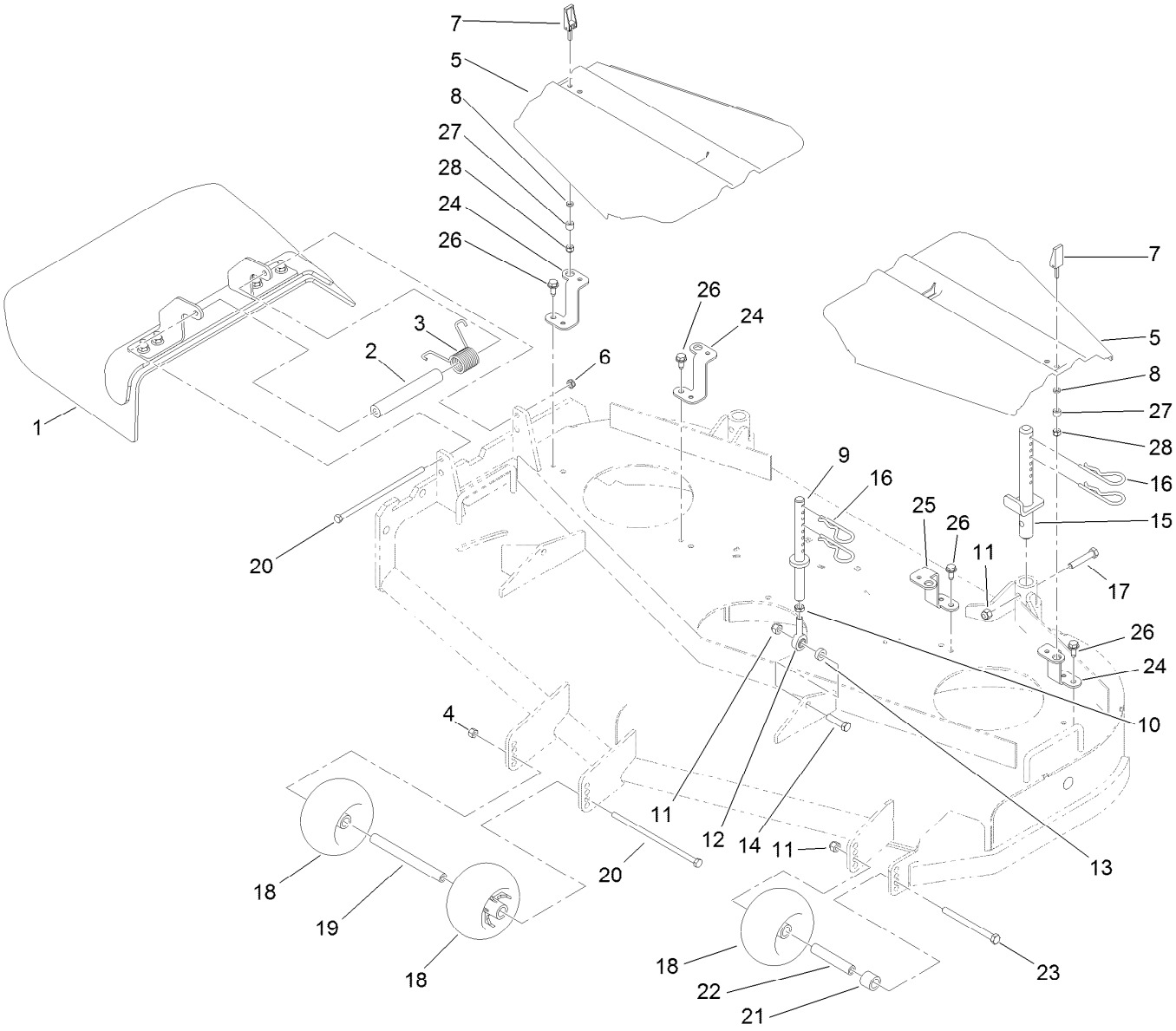
Spindle Assembly No. 110-0728

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	116-0720	2	Bearing-Ball
6	108-6696	1	Housing-Spindle
7	110-0727	1	Spacer-Bearing
8	110-0726	1	Shaft-Spindle



Spindle Assembly No. 110-0729

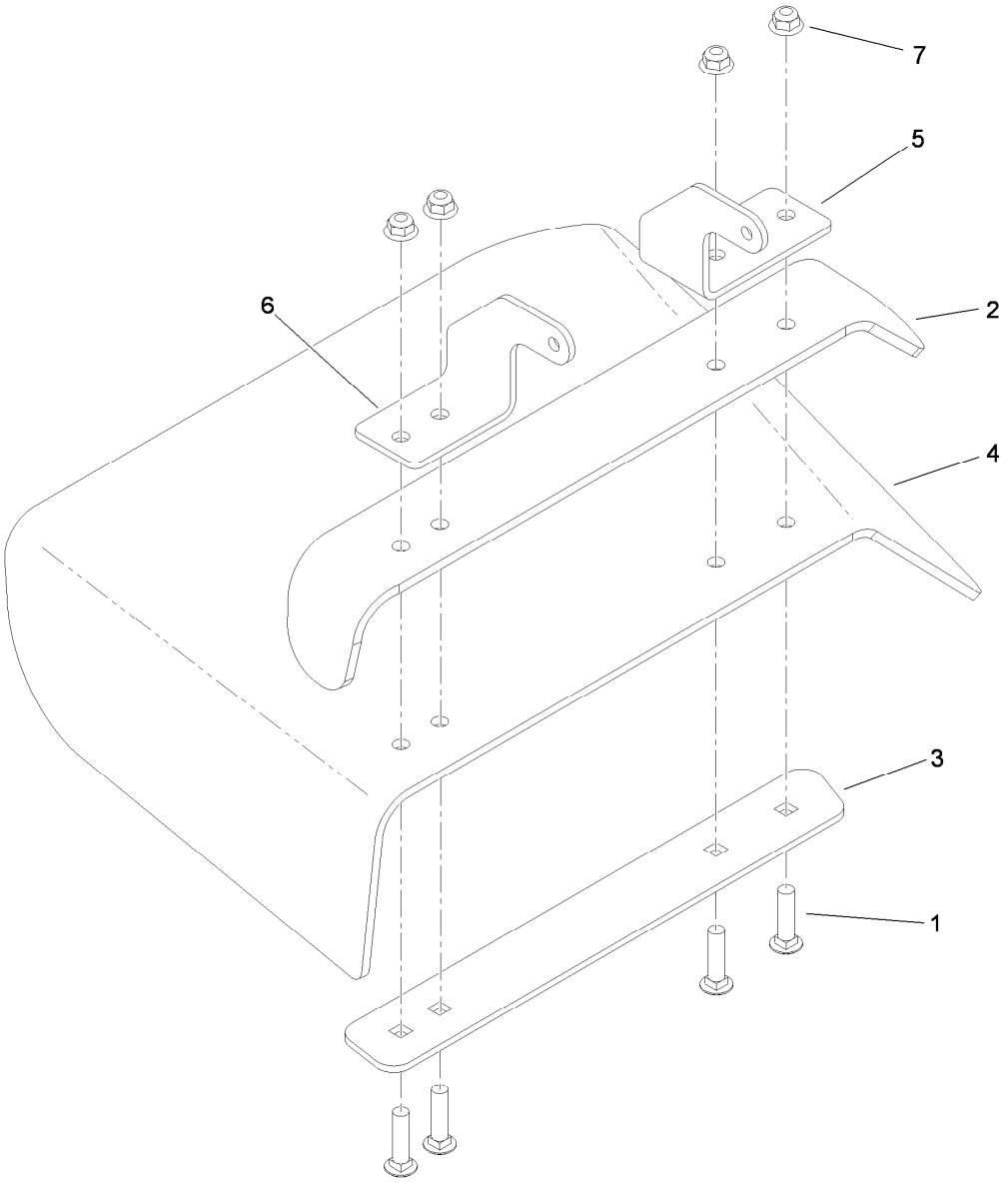
Ref.	*Part Number*	*Qty.*	*Description*
1	3219-7	1	Nut-Hex
2	7-4150	1	Washer
3	108-2713	1	Pulley And Hub ASM
4	106-0873	1	Shield-Bearing
5	116-0720	2	Bearing-Ball
6	108-6696	1	Housing-Spindle
7	110-0727	1	Spacer-Bearing
8	110-0725	1	Shaft-Spindle



Deck Assembly

Ref.	Part Number	Qty.	Description
1	110-0758	1	Deflector ASM
2	105-4622	1	Spacer
3	108-4052	1	Spring-Torsion
4	3296-29	1	Nut-Lock, NI
5	107-8536	2	Cover-Belt
6	3296-47	1	Nut-Lock, NI
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	5	Nut-Lock, NI
12	1-613204	2	Balljoint
13	104-1156	2	Spacer
14	323-8	2	Screw-HH

Ref.	Part Number	Qty.	Description
15	110-2086	2	Rear Pin ASM
16	3290-256	6	Pin-Hair
17	323-10	2	Screw-HH
18	1-603299	3	Roller-Scalp, Anti
19	98-5967	1	Spacer-Wheel
20	322-50	2	Screw-HH
21	98-7913	1	Tube-Spacer
22	98-7912	1	Tube-Spanner
23	323-23	1	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-Lock, HH



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

Attachments and Accessories

For 39078 Commercial Walk-Behind Mower Floating Deck, T-Bar, Gear Drive with 48in TURBO FORCE Cutting Unit

Product Name	Model/Part
Blade-Low Flow, 16.5in	107-3193-03
Blade-Mid Flow, 16.5in	107-3194-03
Blade-Atomic, 16.5in	107-3195-03
Blade-Recycling, 16.5in	107-3196-03
Bagging Enhancement Kit	108-4091
Blade-Hi Flow, 16.5in (6 Pack)	110-0414
Blade-Lo Flow, 16.5in (6 Pack)	110-0415
Blade-Recycler, 16.5in (6 Pack)	110-0416
Blade-Atomic, 16.5in (6 Pack)	110-0417
Blade-Mid Flow, 16.5in (6 Pack)	110-0418
48in Recycler Kit	110-2060
Weight-Cast	112-7059-01
Weight Kit	112-9971
Trim Side Anti-Scalp Roller Kit	115-1015
Discharge Side Anti-Scalp Roller Kit	115-1016
Oil-Synthetic, All Season	117-0066
Oil Filter	119-5852
Element-Filter, Air	120-7447
Soft Bag (3 Bushel)	30104
Tru Trak Sulky	30110
Toro 4-cycle Sae 30 Oil (32oz Bottle)	38903
Spark Plug	92-2153

Notes:

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Count on it.