Form No. 3399-946 Rev A

TORO®

Count on it.

Parts Catalog

Commercial Walk-Behind Mower

16HP, T-Bar, Gear Drive with 91cm TURBO FORCE® Cutting Unit

Model No. 30070—Serial No. 316000001 and Up

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

CE

3399-946 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

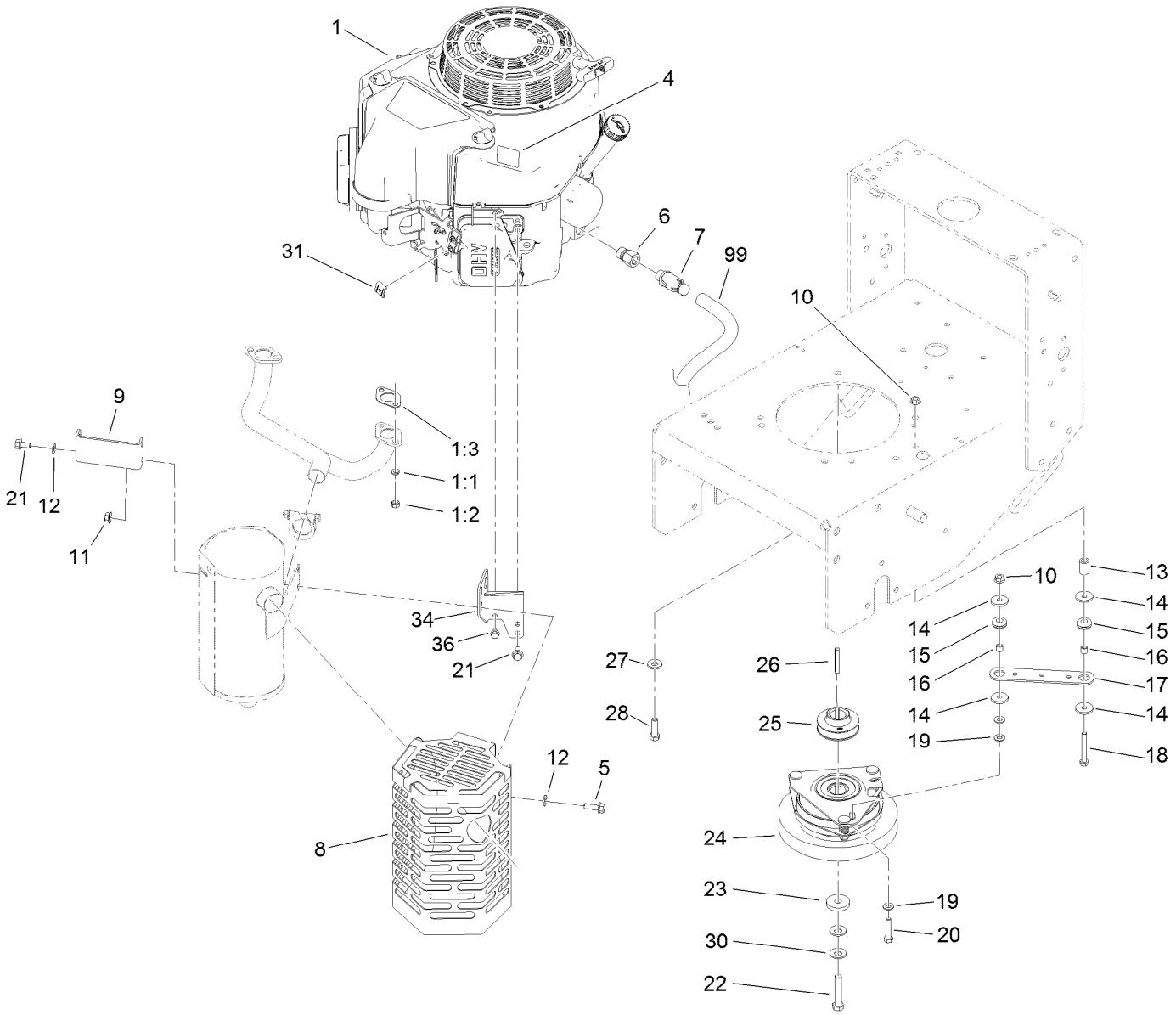
TTH: torx truss head

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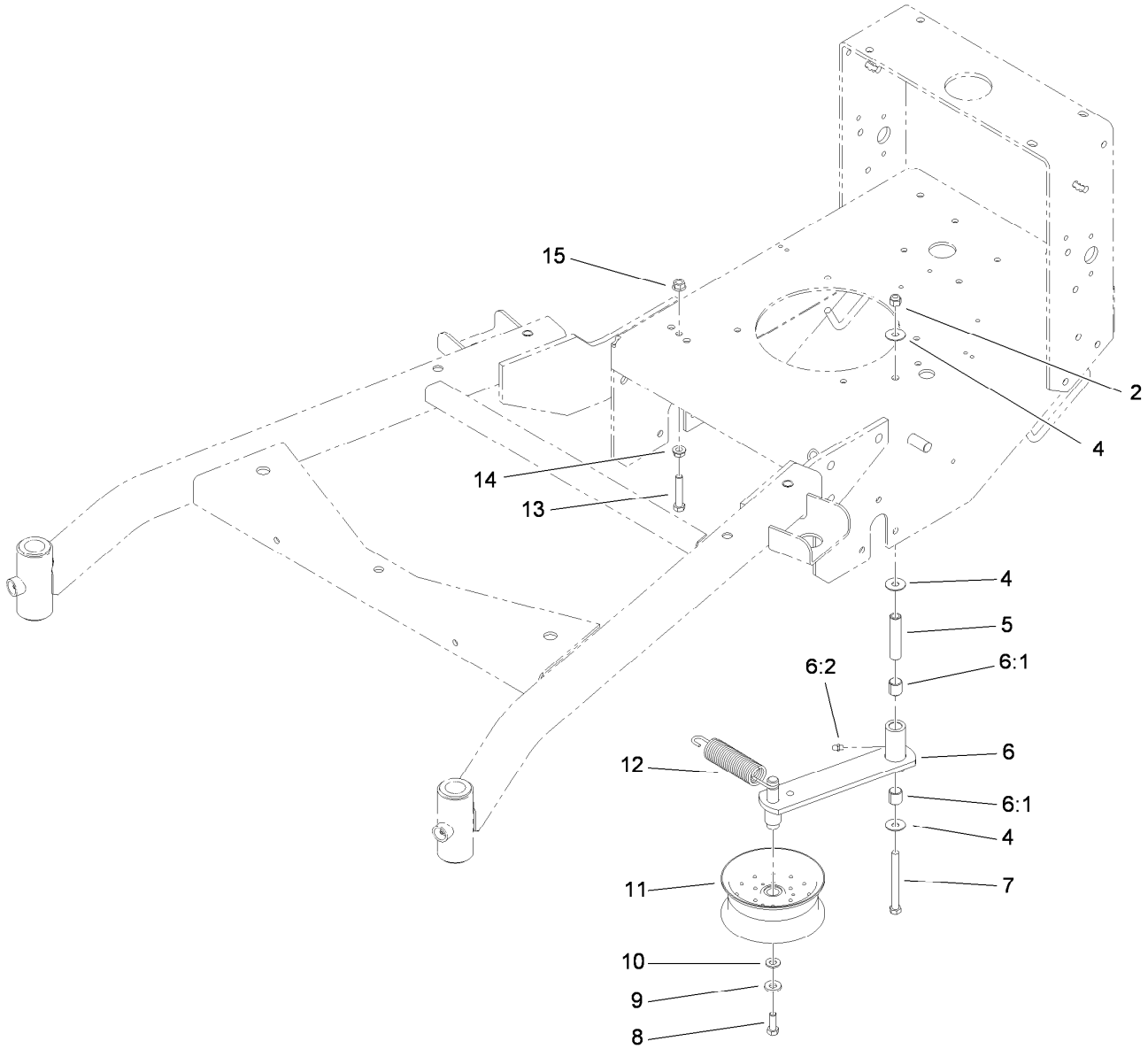
Engine and Clutch Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki, Fs481V ●■
1:1	114-3550	4	Washer-Lock
1:2	114-3549	4	Nut
1:3	1-653313	2	Gasket-Exhaust
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

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	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
28	323-7	4	Screw-HH
30	1-603610	2	Washer-Spring
31	81-1690	1	Clamp-Cable
34	117-8561-03	1	Bracket-Muffler
36	33103-012	1	Screw-HHF
99	103-1964	1	Hose-Drain, Oil

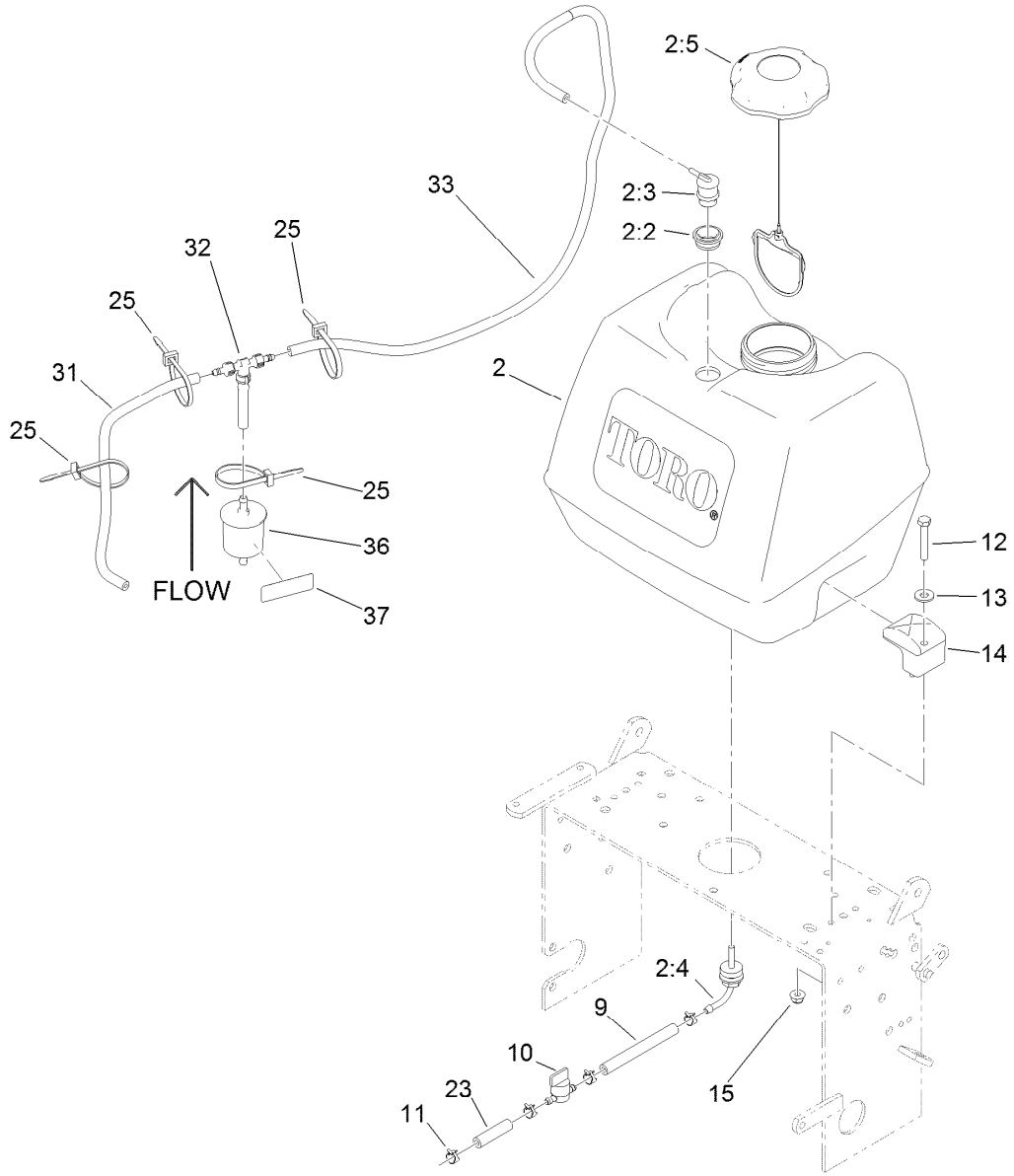
● Not serviced separately

■ Obtain parts from www.kawpowerepc.com



Power-Take-Off Idler Assembly

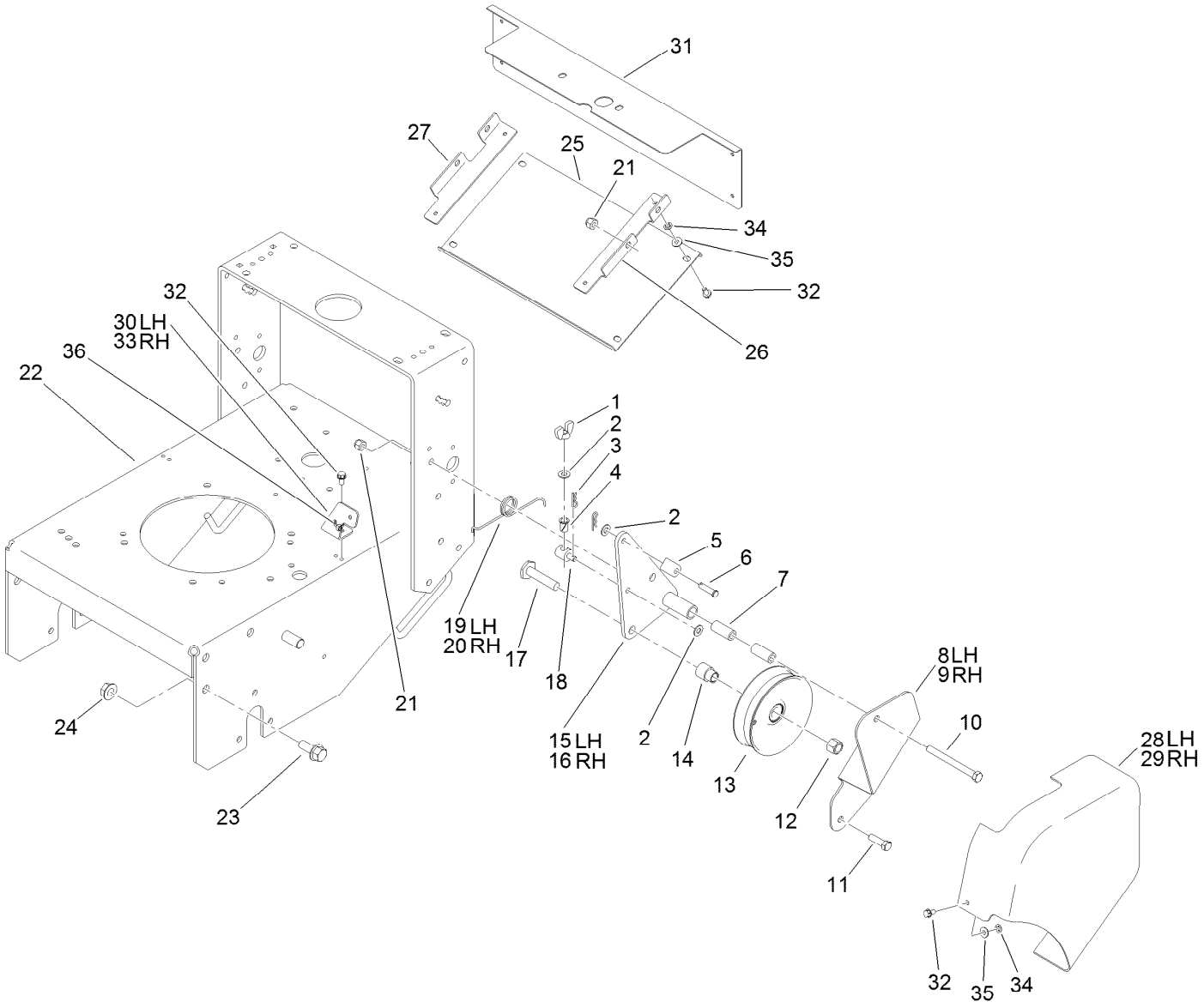
Ref.	*Part Number*	*Qty.*	*Description*
2	3296-39	1	Nut-Lock, NI
4	52-2860	3	Washer
5	104-6377	1	Tube-Idler
6	112-7055	1	Idler Arm ASM
6:1	1-513034	2	Sleeve-Bearing
6:2	302-5	1	Fitting-Grease
7	323-42	1	Screw-HH
8	323-6	1	Screw-HH
9	98-5975	1	Washer-Belleville
10	3256-24	1	Washer-Flat
11	116-4666	1	Idler-Pulley, 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



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

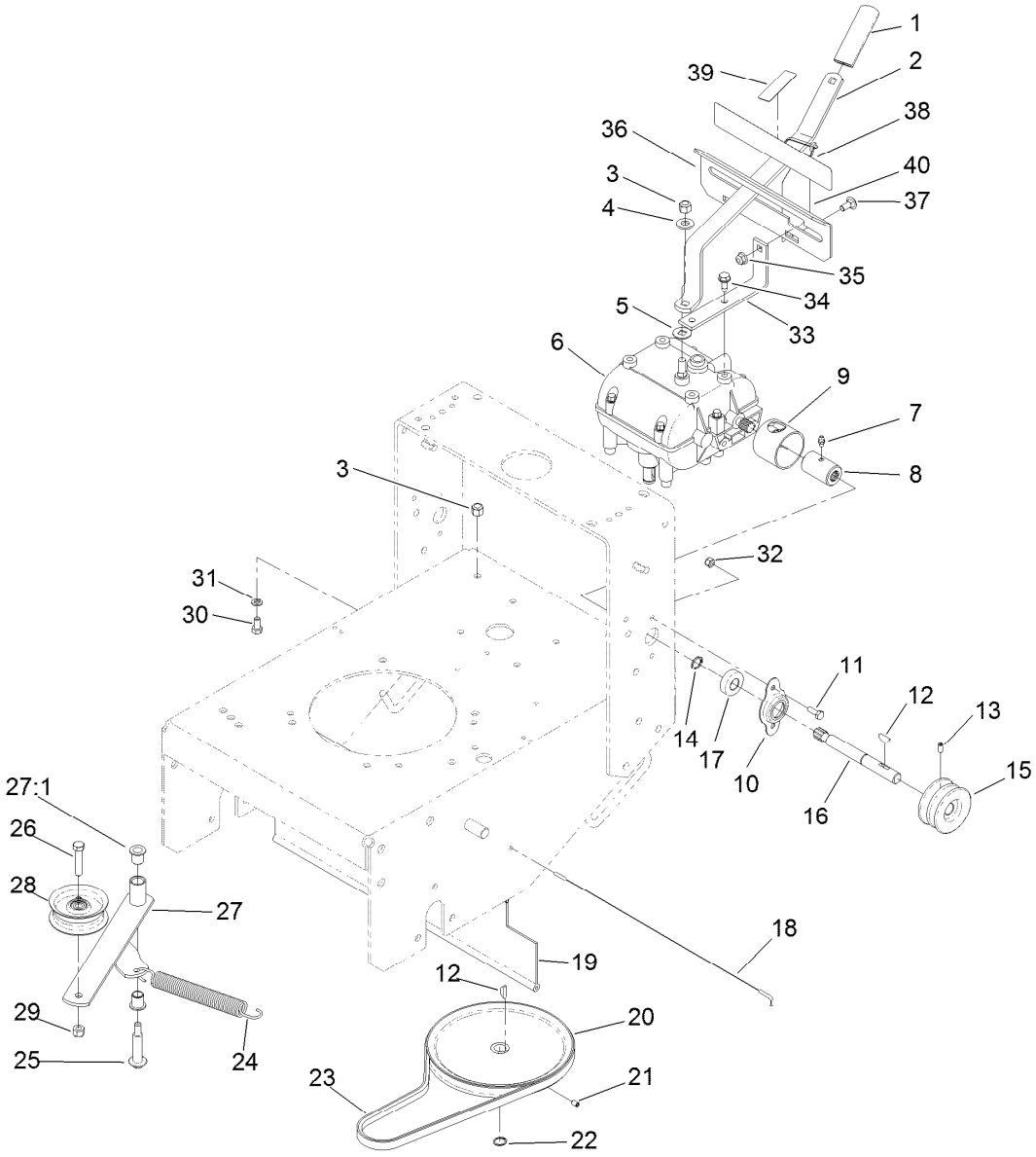
Ref.	Part Number	Qty.	Description
14	107-4543	2	Clamp
15	104-8300	2	Nut-Flange, NI
23	99-9415	1	Hose-Fuel
25	3290-378	4	Tie-Cable
31	115-7872	1	Hose-Fuel
32	116-5464	1	Tee And Check
33	116-4346	1	Hose-Emissions
36	120-2235	1	Filter-Fuel
37	116-4769	1	Decal-Filter, Emissions



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
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

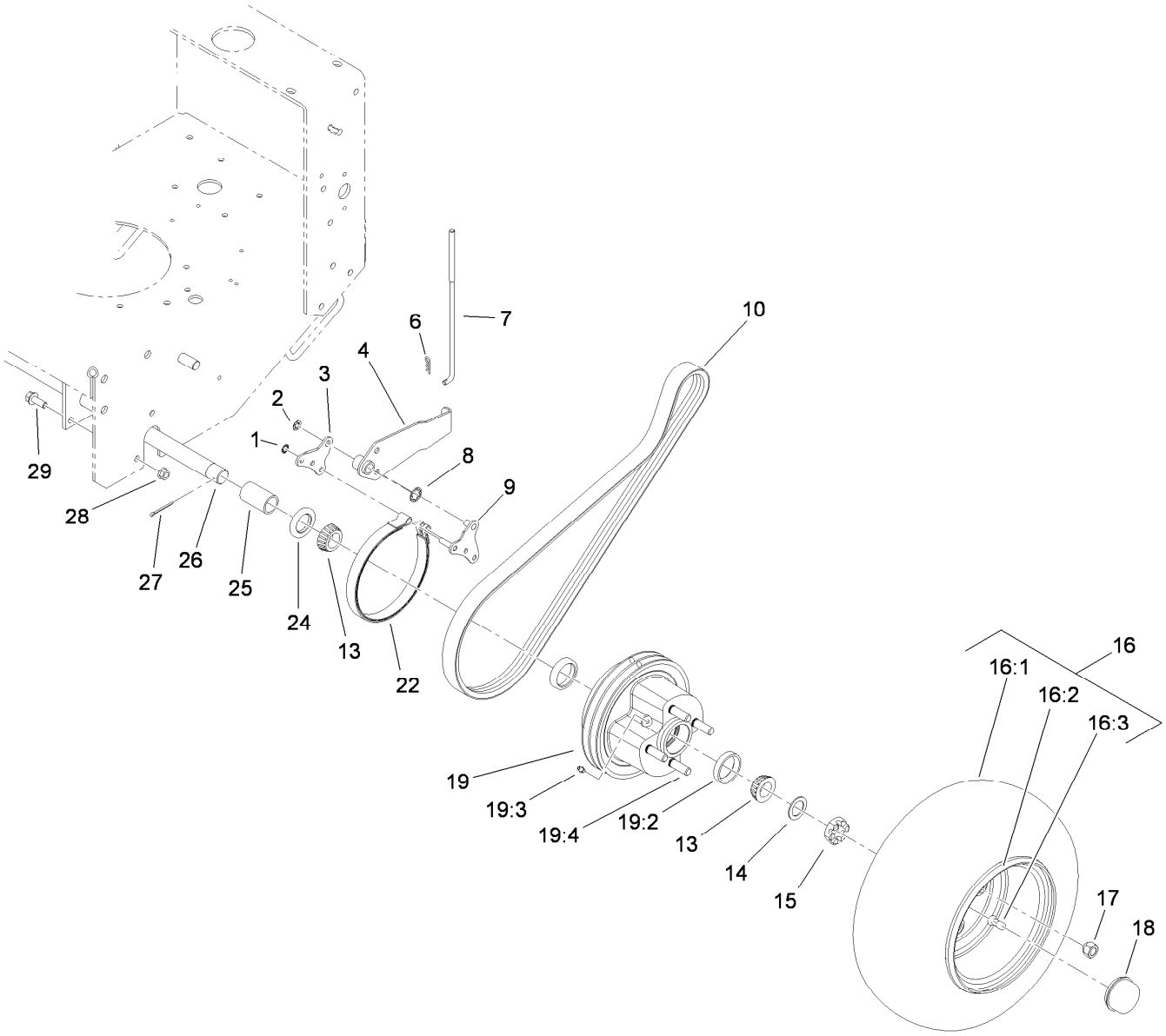
Ref.	Part Number	Qty.	Description
19	51-4380	1	Spring-Torsion, LH
20	51-4370	1	Spring-Torsion, RH
21	3296-39	6	Nut-Lock, NI
22	117-3525-01	1	Frame-Gear
23	3234-32	6	Screw-HHF
24	32128-23	6	Nut-HF
25	110-5014-01	1	Panel-Bottom
26	110-5012-01	1	Angle-Mounting, Left
27	110-5013-01	1	Angle-Mounting, Right
28	119-6509	1	Guard-Belt, LH
29	119-6510	1	Guard-Belt, RH
30	107-4078-01	1	Bracket-Mounting, LH
31	104-8158-03	1	Guard-Shaft, Transmission
32	32144-4	12	Screw-HWH
33	107-4079-01	1	Bracket-Mounting, RH
34	106-8737	8	Nut-Retainer
35	3256-1	8	Washer-Flat
36	1-303287	1	Tie-Cable



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

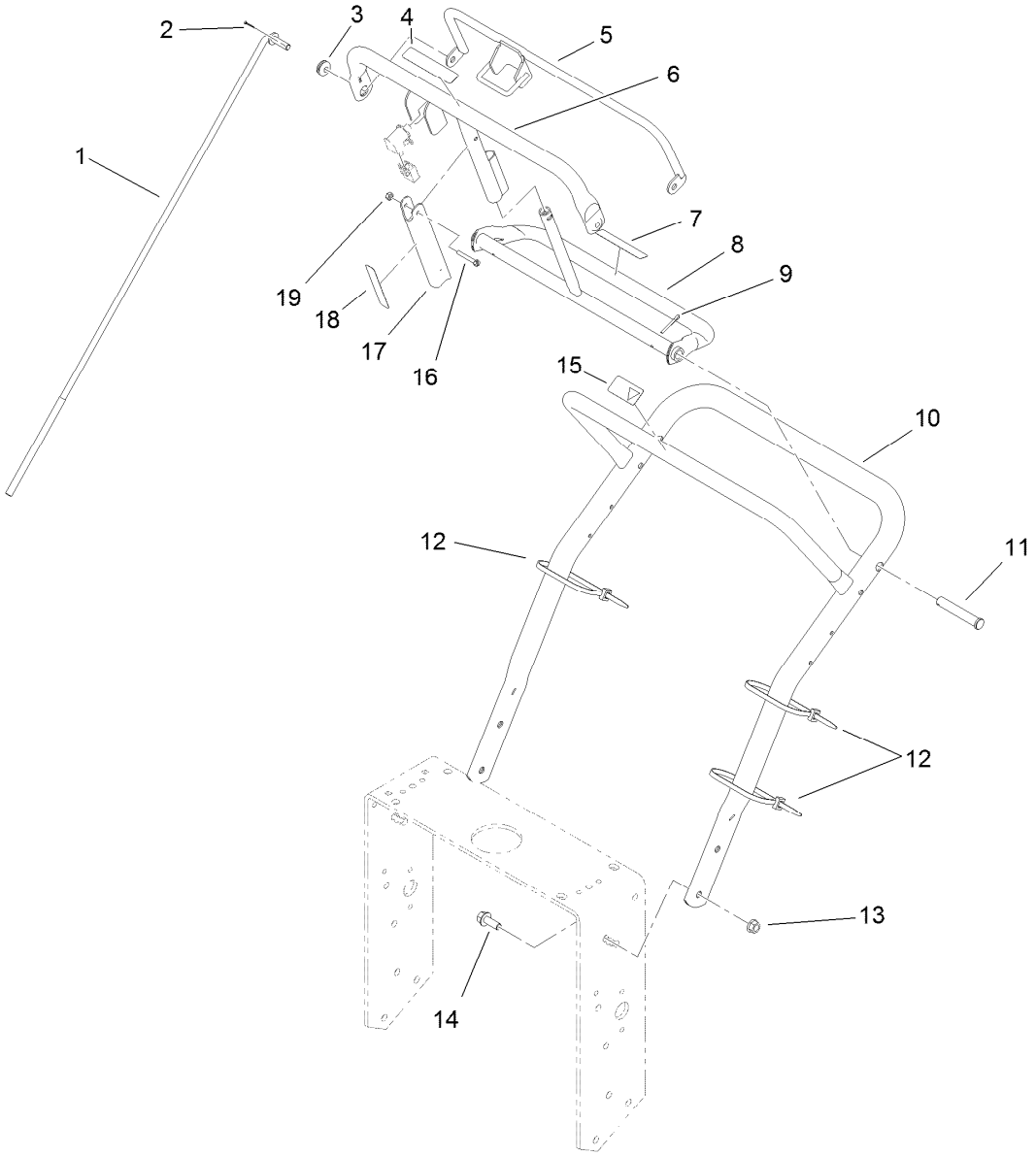
Ref.	Part Number	Qty.	Description
22	32120-64	1	Ring-Snap, External
23	105-5668	1	V-Belt
24	80-6610	1	Spring-Extension
25	27-6230	1	Bolt-Wheel
26	323-9	1	Screw-HH
27	16-7509	1	Lever-Idler
27:1	256-155	2	Bushing-Flange
28	62-4540	1	Pulley
29	3296-39	1	Nut-Lock, NI
30	322-2	4	Screw-HH
31	3253-4	4	Washer-Lock
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	110-5004	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

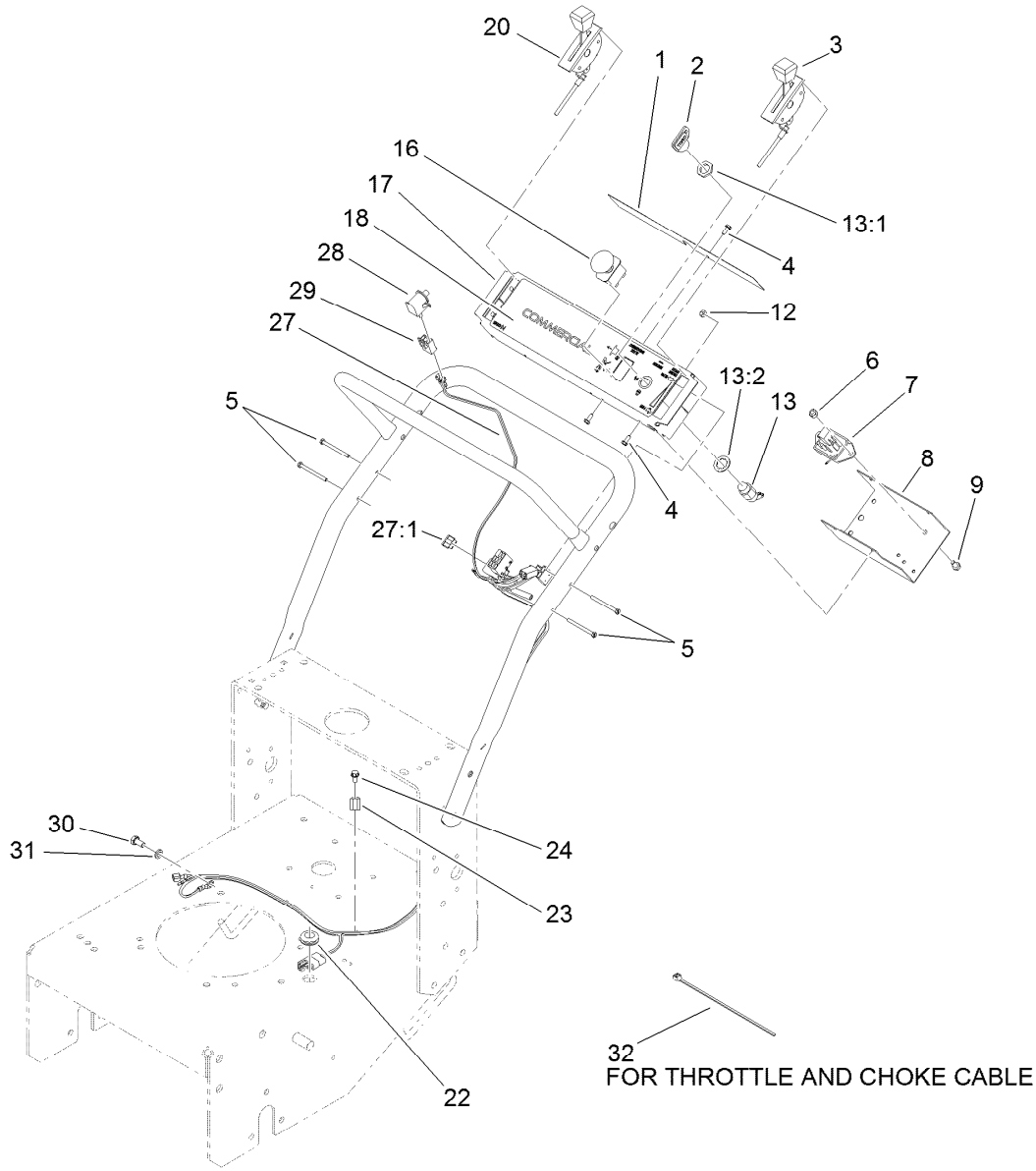
Ref.	Part Number	Qty.	Description
16:3	232-27	1	Stem-Valve
17	242-50	8	Nut-Lug
18	241-119	2	Cap-Dust
19	107-4090	2	Wheel Hub ASM
19:2	1-543508	2	Cup-Bearing
19:3	302-5	1	Fitting-Grease
19:4	10-6830	4	Stud-Type, Drive
22	1-323262	2	Band-Brake
24	1-543511	2	Seal-Grease
25	110-5006	2	Spacer-Wheel
26	110-4983-01	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	105-3158-01	1	Upper Handle ASM

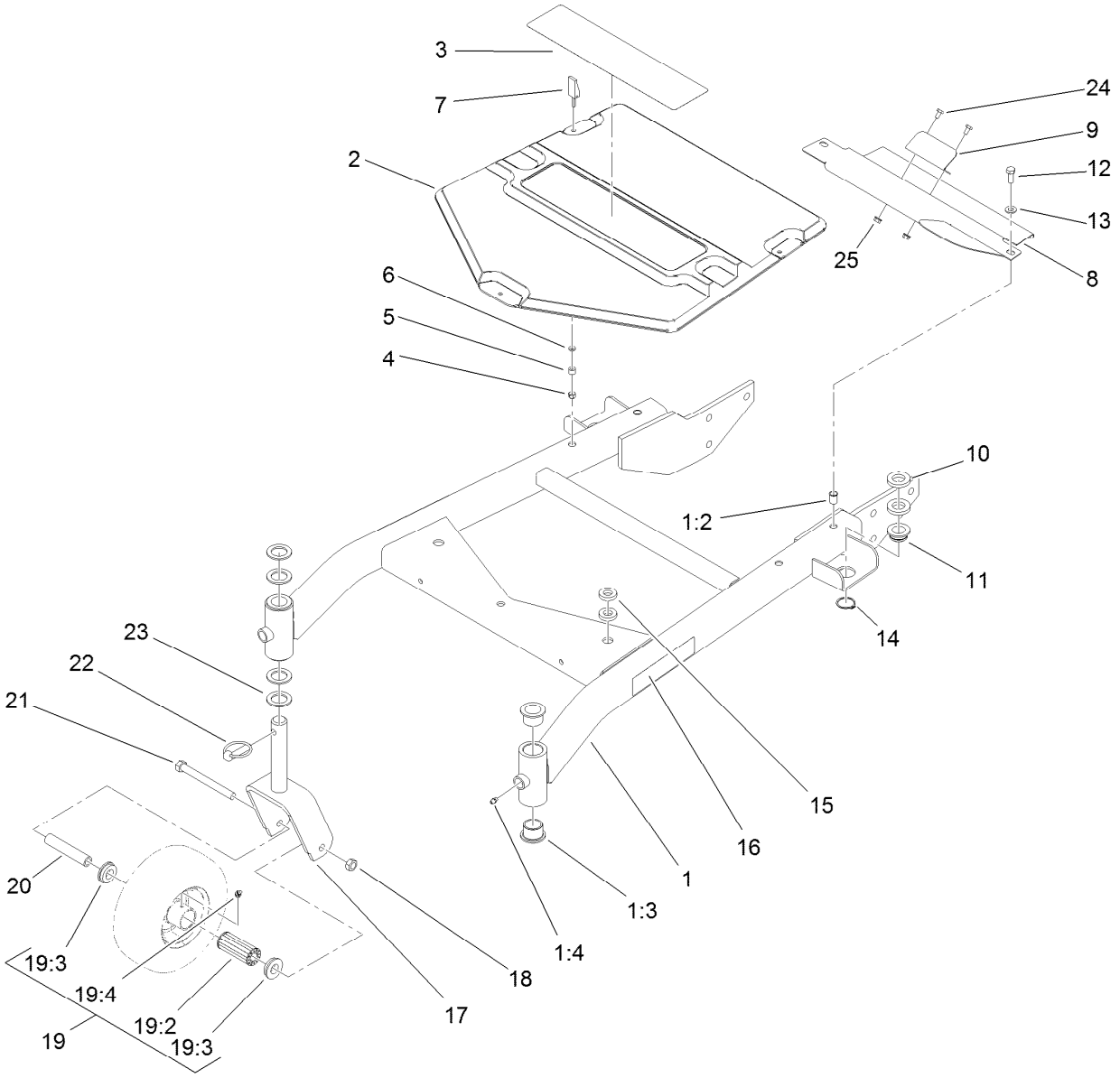
Ref.	Part Number	Qty.	Description
11	283-55	2	Pin-Clevis
12	3290-378	3	Tie-Cable
13	32128-21	4	Nut-HF
14	3234-11	4	Screw-HHF
15	98-4387	1	Decal-Protection, Ear
16	32105-1	1	Screw-SHH
17	51-4850-03	1	Lever-Brake, Parking
18	93-7442	1	Decal-Lever, Parking
19	3296-2	1	Nut-Lock, NI



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

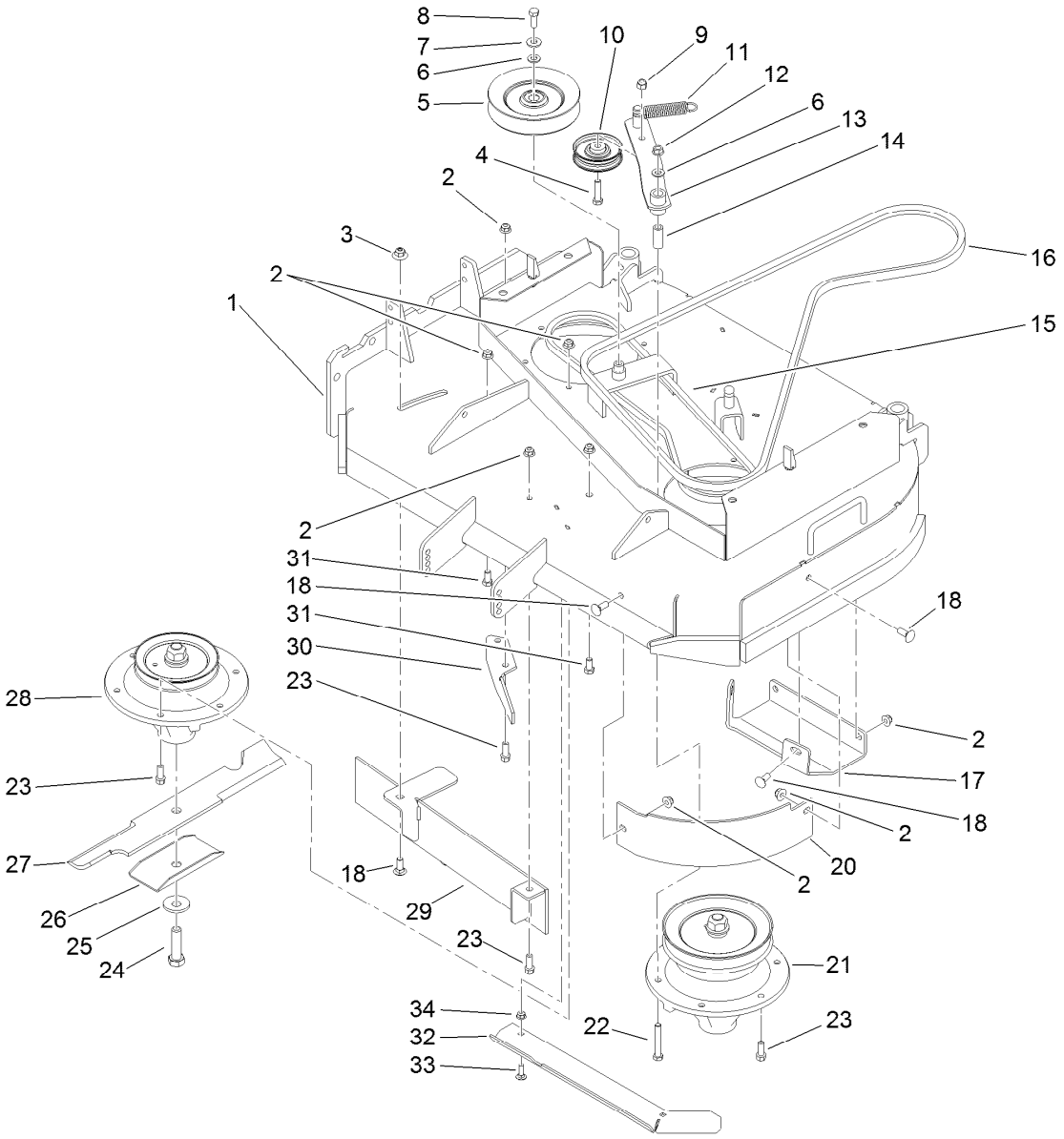
Ref.	Part Number	Qty.	Description
17	110-4982-03	1	Panel-Control
18	110-4972	1	Decal-Panel, Control
20	110-4995	1	Cable-Choke
22	112-7069	1	Grommet
23	2412-134	1	Clamp-R
24	32144-4	1	Screw-HWH
27	119-6508	1	Harness-Wire
27:1	114241	1	Fuse-Blade, 7.5 Amp
28	82-2190	1	Switch-Bail
29	218-595	1	Connector-Body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



Carrier Frame Assembly

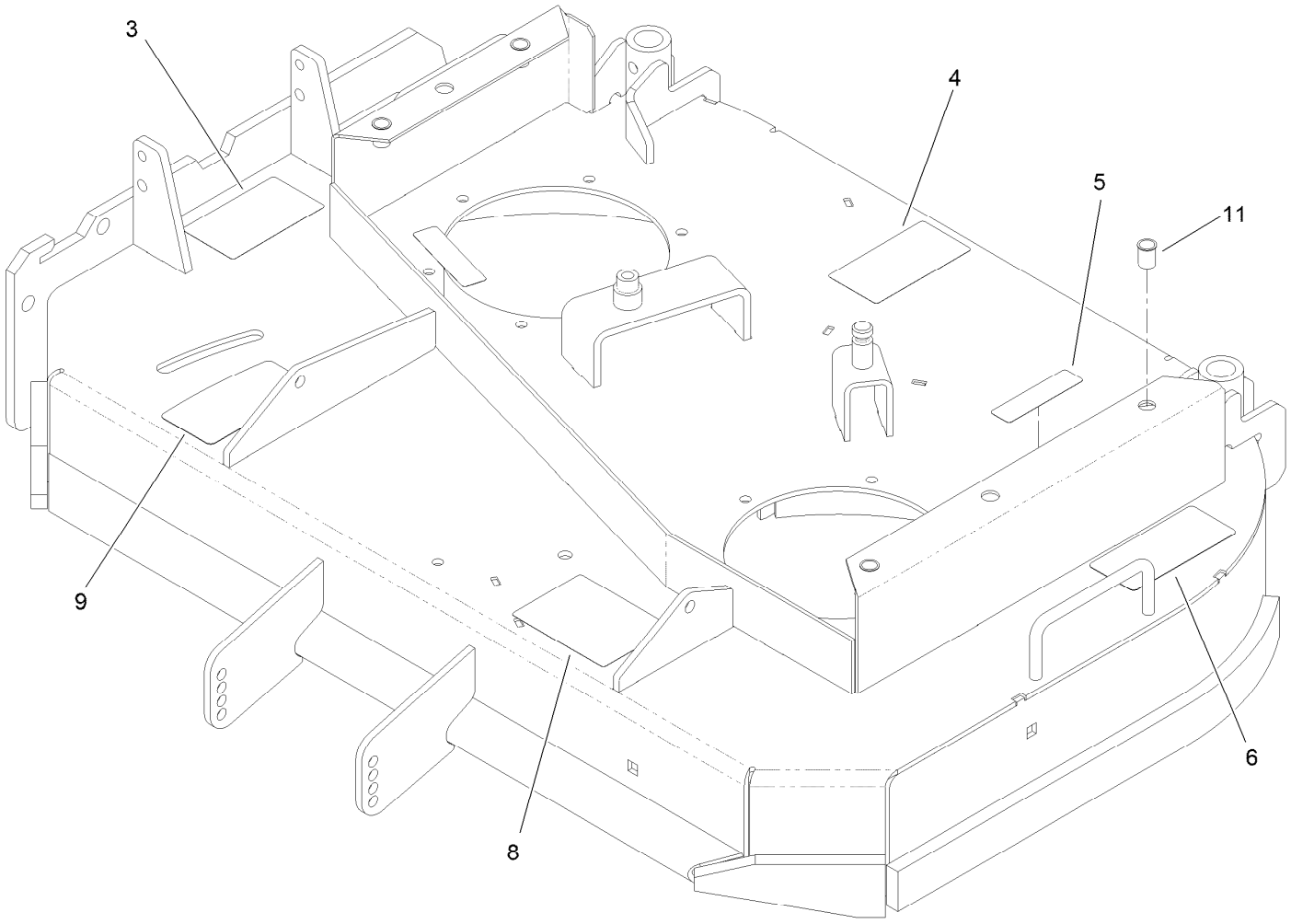
Ref.	Part Number	Qty.	Description
1	110-6960	1	Carrier Frame ASM
1:2	32148-9	2	Insert-Nut
1:3	94-1291	4	Bushing
1:4	302-5	2	Fitting-Grease
2	110-6970	1	Cover-Frame, Carrier
3	112-9710	1	Decal
4	1-804254	3	Nut-Lock, HH
5	106-6778	3	Bushing-Latch, Swell
6	99-3058	3	Washer
7	106-6777	3	Handle-Latch, Swell
8	119-7858-01	1	Shield-Belt
9	119-7859-01	1	Shield-Heat, Manifold
10	104-1105	4	Spacer-Support, Deck
11	1-513336	2	Bushing-Deck
12	323-6	2	Screw-HH
13	3256-24	2	Washer-Flat

Ref.	Part Number	Qty.	Description
14	32120-33	2	Ring-Retaining
15	1-323539	4	Spacer
16	106-0636	2	Decal
17	105-3159-01	2	Fork-Castor
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	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
24	321-2	2	Screw-HH
25	32128-32	2	Nut-HHF



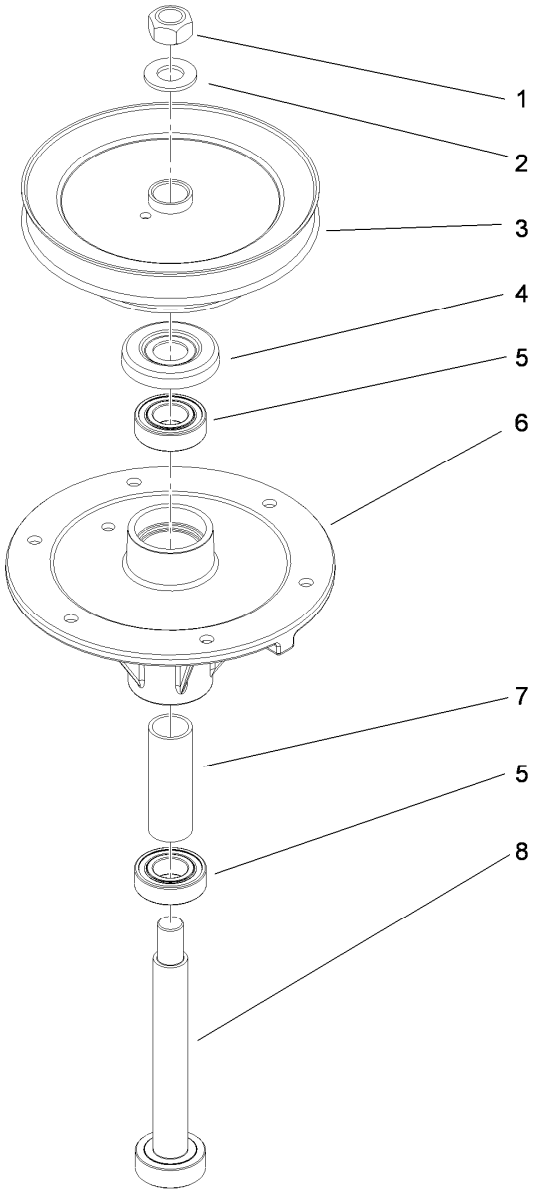
Deck Drive and Baffle Assembly

Ref.	Part Number	Qty.	Description
1	115-4230	1	Deck And Decal ASM
2	104-8301	22	Nut-Flange, NI
3	109-6658	1	Nut-Flange, NI
4	323-8	1	Screw-HH
5	1-633166	1	Pulley-Idler
6	3256-24	2	Washer-Flat
7	98-5975	1	Washer-Belleville
8	323-6	1	Screw-HH
9	3296-39	1	Nut-Lock, NI
10	51-3660	1	Pulley-Idler
11	105-2673	1	Spring-Extension
12	32128-21	1	Nut-HF
13	105-0889	1	Idler Arm ASM
14	51-3641	1	Sleeve-Pivot, Idler
15	110-6953	1	Belt-V
16	105-0886	1	Belt-Drive, PTO
17	110-2037-01	1	Plate-Skid
18	3231-2	7	Bolt-CARR
20	110-6903-03	1	Baffle-Front, LH
21	110-6950	1	Spindle ASM
22	323-12	1	Screw-HH
23	92-1624	14	Screw-HWH
24	51-4060	2	Screw-Blade
25	103-0865	2	Washer-Blade Bolt, Heavy
26	108-2727	2	Stiffener-Blade
27	105-7781-03	2	Blade-18In, Hi Flow
28	110-0728	1	Spindle ASM
29	121-1779-03	1	Baffle
30	110-0754-01	1	Baffle-Discharge
31	323-4	2	Screw-HH
32	119-7839-01	1	Extender-Deck
33	3230-2	2	Bolt-CARR
34	104-8300	2	Nut-Flange, NI



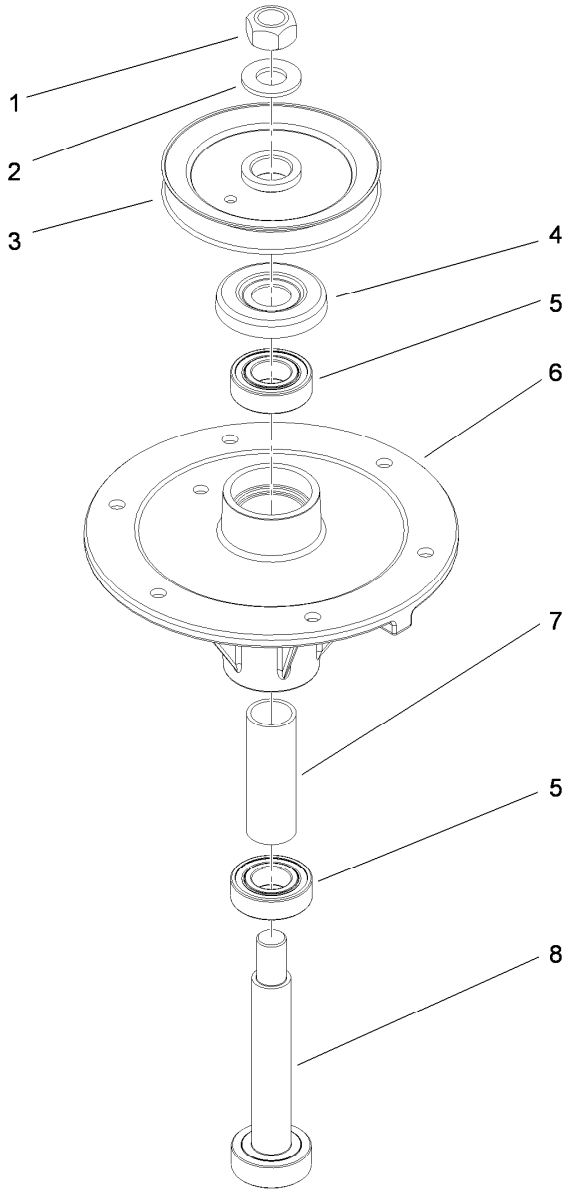
Deck Decal Assembly No. 115-4230

Ref.	*Part Number*	*Qty.*	*Description*
3	114-3449	2	Decal-Danger
4	104-8185	1	Decal
5	119-0217	2	Decal-Danger
6	93-7818	1	Decal-Torque, Blade Bolt
8	99-8939	1	Decal-Anti Scalp
9	131-1180	1	Decal-Adjustment, Baffle
11	32148-9	4	Insert-Nut



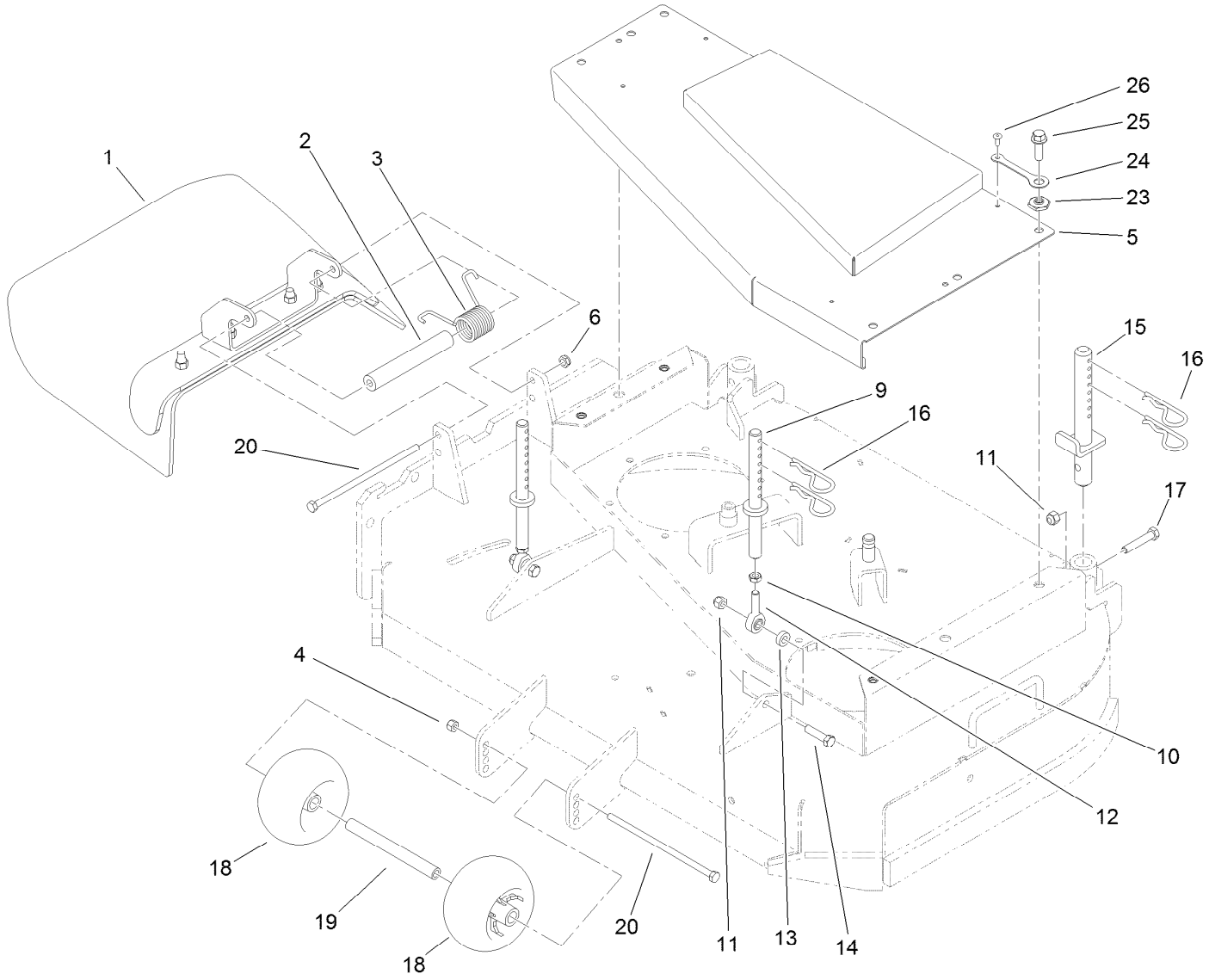
Spindle Assembly No. 110-6950

Ref.	*Part Number*	*Qty.*	*Description*
1	3219-7	1	Nut-Hex
2	7-4150	1	Washer
3	110-6951	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



Spindle Assembly No. 110-0728

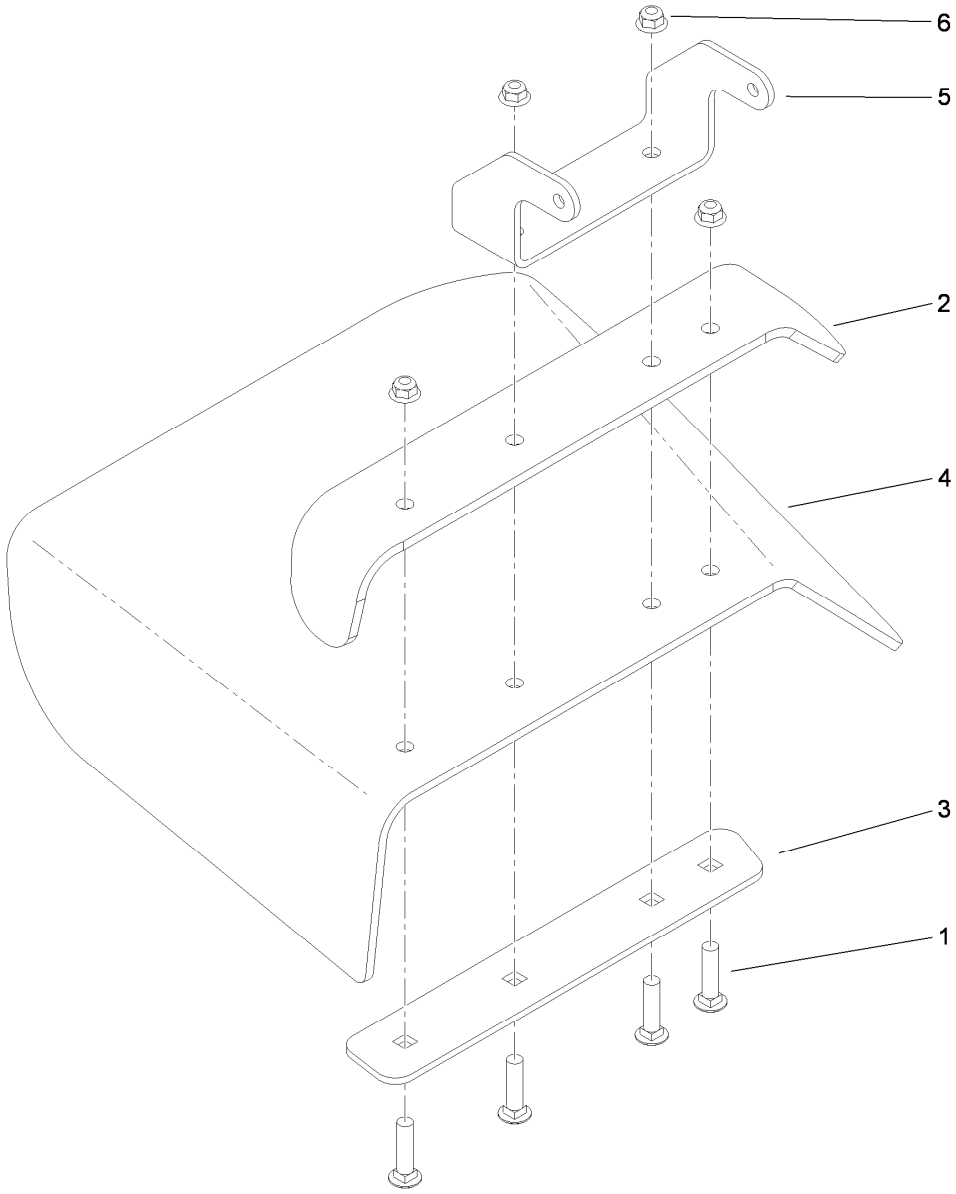
Ref.	*Part Number*	*Qty.*	*Description*
1	3219-7	1	Nut-Hex
2	7-4150	1	Washer
3	104-1181	1	Pulley ASM
4	106-0873	1	Shield-Bearing
5	116-0720	2	Bearing-Ball
6	108-6696	1	Housing-Spindle
7	110-0727	1	Spacer-Bearing
8	110-0726	1	Shaft-Spindle



Deck Deflector, Roller and Cover Assembly

Ref.	Part Number	Qty.	Description
1	110-0790	1	Deflector ASM
2	105-4622	1	Spacer
3	108-4052	1	Spring-Torsion
4	3296-29	1	Nut-Lock, NI
5	119-6512-01	1	Cover-Belt, Deck
6	3296-47	1	Nut-Lock, NI
9	108-2674	2	Front Pin ASM
10	3220-3	2	Nut-HJ
11	3296-39	4	Nut-Lock, NI
12	1-613204	2	Balljoint
13	104-1156	2	Spacer

Ref.	Part Number	Qty.	Description
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
18	1-603299	2	Roller-Scalp, Anti
19	98-5967	1	Spacer-Wheel
20	322-50	2	Screw-HH
23	117-8347	4	Nut-Shoulder
24	117-8339	4	Lanyard-3 Inch
25	3234-24	4	Screw-HHF
26	114439	4	Rivet-Pop



Deflector Assembly No. 110-0790

Ref.	*Part Number*	*Qty.*	*Description*
1	3231-4	4	Screw-CARR
2	110-0792-01	1	Deflector
3	110-0793-03	1	Strap-Discharge
4	110-0791	1	Deflector-Rubber
5	107-4164-01	1	Bracket-Mounting, Deflector
6	104-8301	4	Nut-Flange, NI

Attachments and Accessories

For 30070 Commercial Walk-Behind Mower 16HP, T-Bar, Gear Drive with 91cm TURBO FORCE Cutting Unit

Product Name	Model/Part
Blade-Recycler, 18in	105-7779-03
Blade-Med Flow, 18in	105-7794-03
Blade-Low Flow, 18in	105-7795-03
Blade-Atomic, 18in	105-7796-03
Blade-Hi Flow, 18in (6 Pack)	108-1117
Blade-Atomic, 18in (6 Pack)	108-1118
Blade-Lo Flow, 18in (6 Pack)	110-0406
Blade-Recycler, 18in (6 Pack)	110-0408
Blade-Med Flow, 18in (6 Pack)	110-0409
36in Bagger Enhancement Kit	110-2026
36in Recycler Kit	110-2080
Weight-Cast	112-7059-01
Operator-Controlled Discharge Chute Kit	115-4190
Oil-Synthetic, All Season	117-0066
Oil Filter	119-5852
Filter-fuel	120-2235
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



Count on it.