



Form No. 3375-296 Rev A

Count on it.

Parts Catalog

21in Heavy-Duty Recycler®/Rear Bagger Lawn Mower

Model No. 22197—Serial No. 313000001 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: Liquefied Petroleum Gas

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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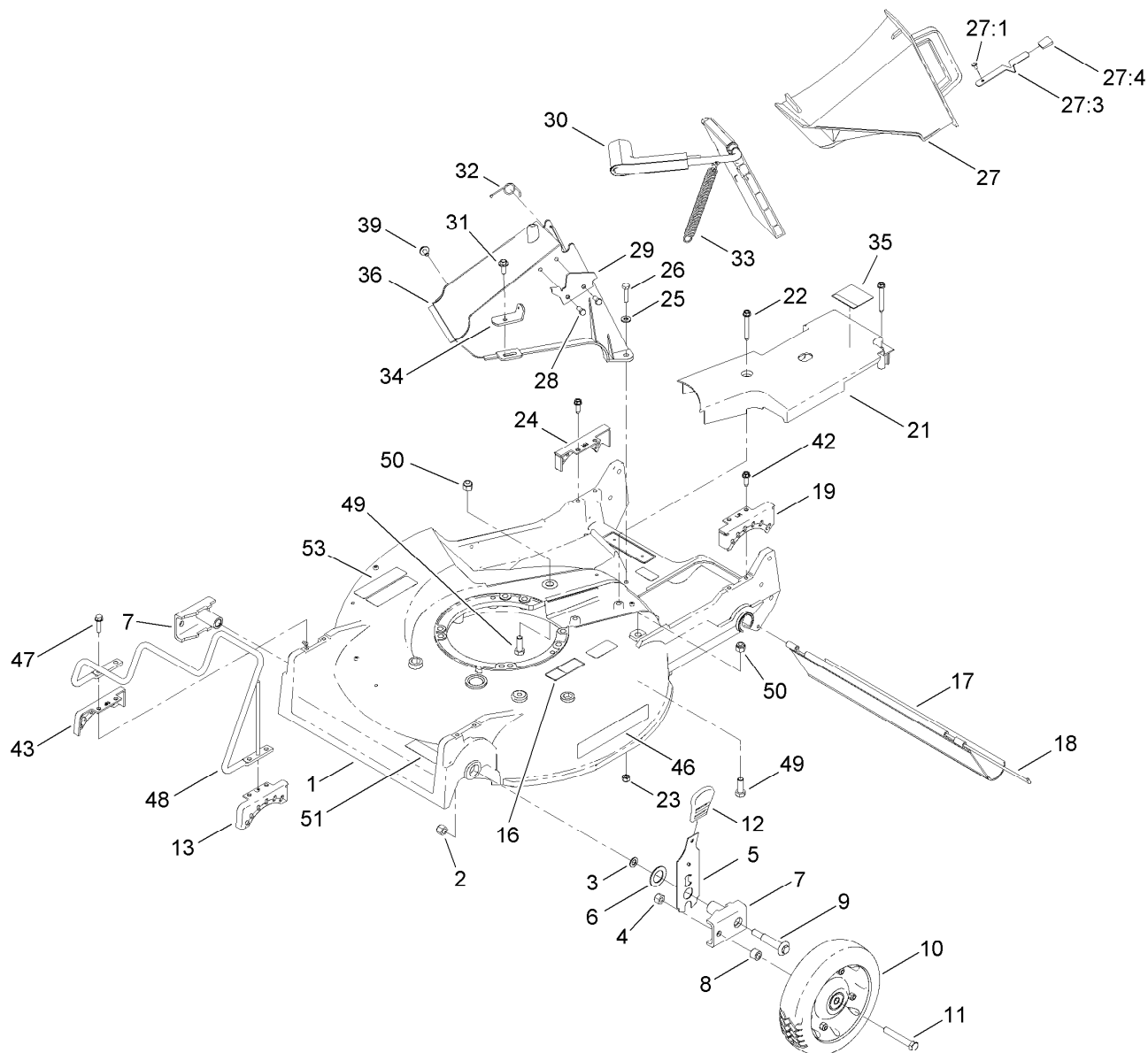
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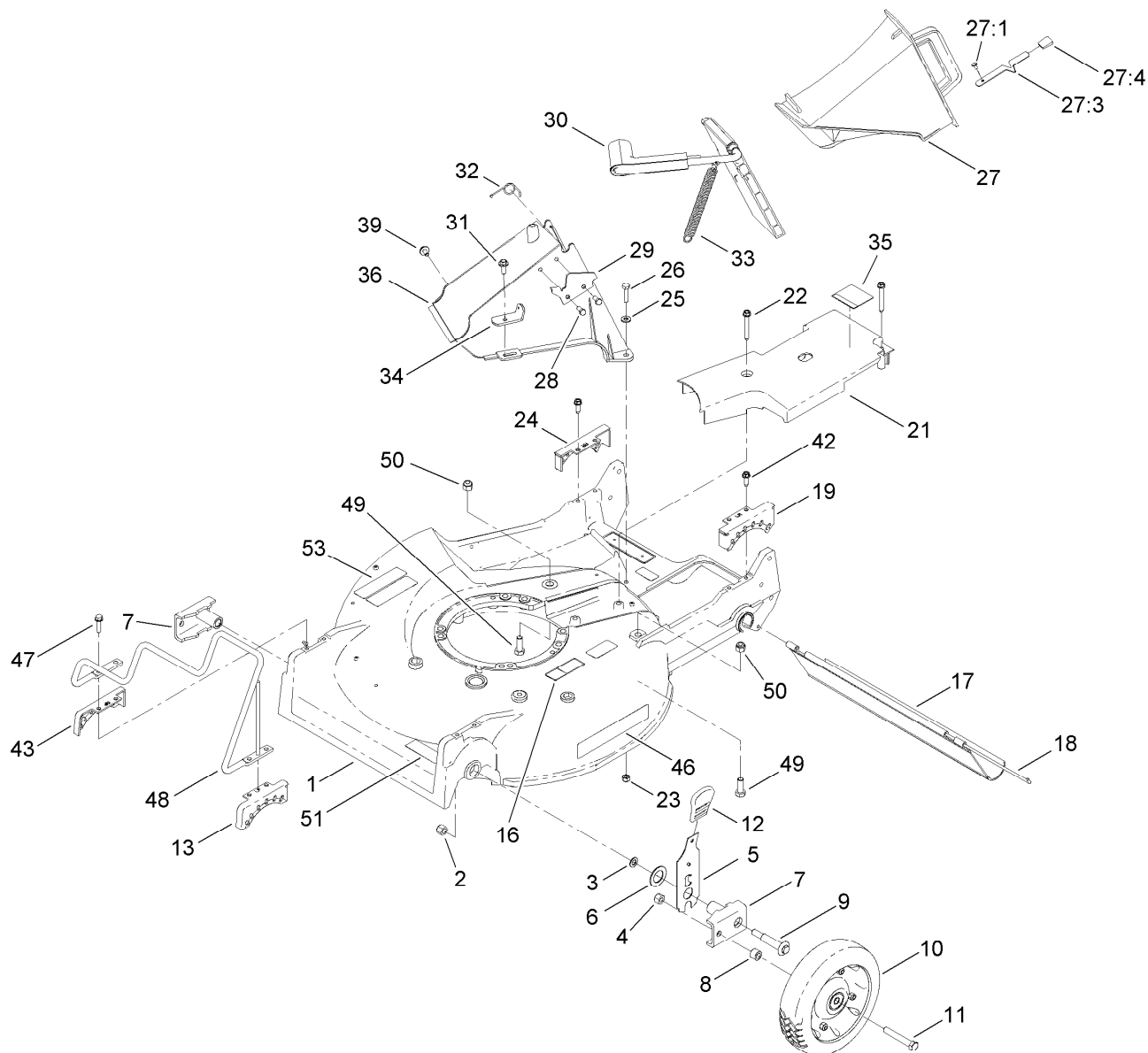
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Housing and Discharge Plug Assembly

Ref.	Part Number	Qty.	Description
1	98-7139	1	Housing ASM
2	3296-6	2	Nut-Lock
3	40-1940	2	Washer
4	32152-2	2	Nut-Lock, Cone
5	119-2323	2	Front Spring Arm ASM
6	257-3	2	Washer-Thrust
7	61-8300	2	Arm-Pivot, Front
8	52-2480	2	Spacer-Wheel
9	114-3468	2	Screw-Shoulder
10	121-1380	2	Wheel And Tire ASM
11	323-12	2	Screw-HH
12	110-0549	2	Knob-HOC
13	49-8760	1	Quadrant-Front, LH
16	121-1449	1	Decal-Warning, Block
17	112-9989	1	Shield-Trailing
18	33-3208	1	Rod-Shield
19	49-8740	1	Quadrant-Rear, LH
21	74-1770	1	Cover-Belt
22	117-5248	2	Screw-HWHTF
23	3296-42	2	Nut-Lock, NI
24	49-8750	1	Quadrant-Rear, RH

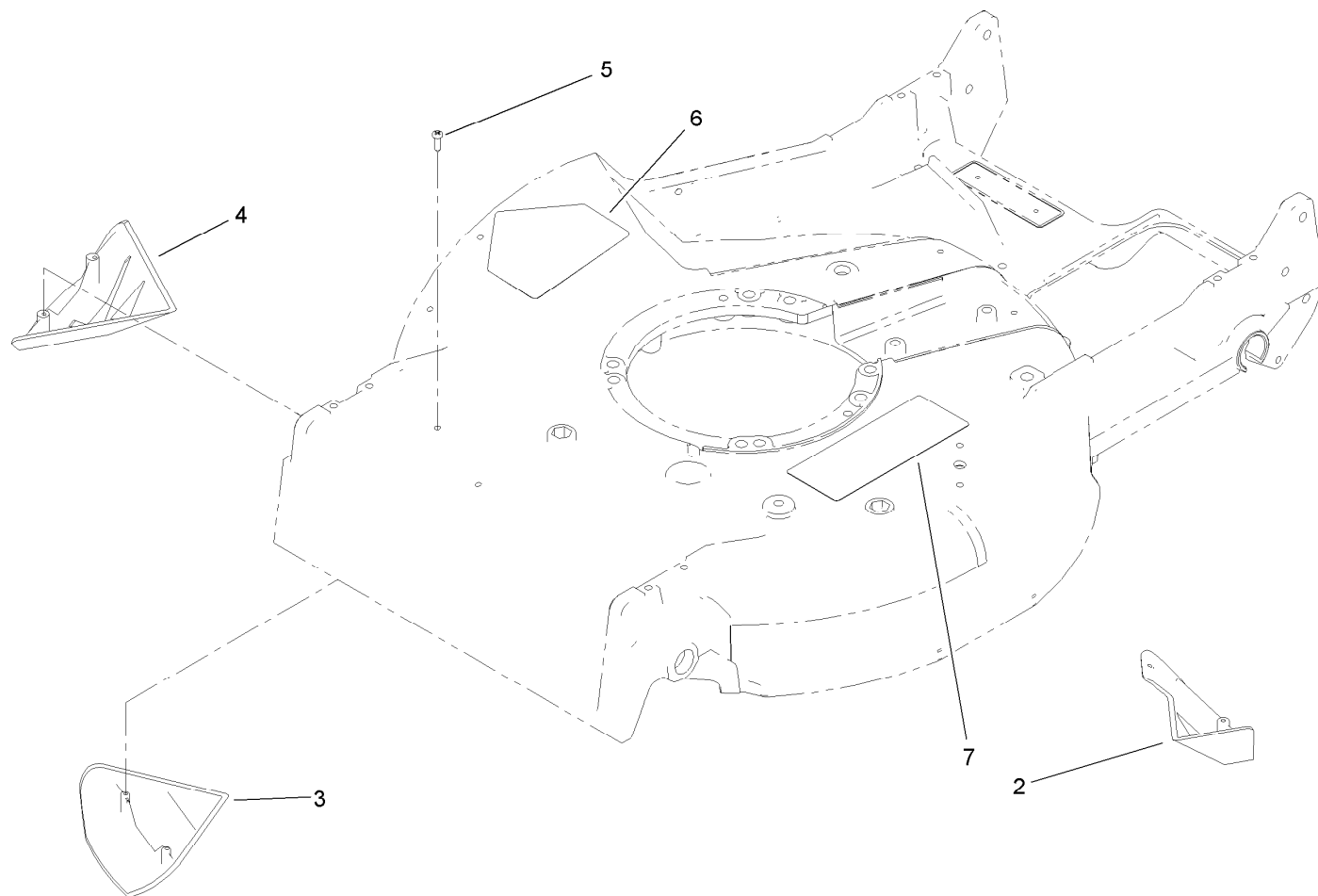
Ref.	Part Number	Qty.	Description
25	3256-22	2	Washer-Flat
26	321-8	2	Screw-HH
27	77-0500	1	Discharge Plug ASM
27:1	3295-35	1	Rivet-Head, Flat
27:3	76-4640	1	Latch-Plug, Discharge
27:4	76-4650	1	Grip-Latch
28	46-8090	2	Screw-Plastite
29	93-3154	1	Latch-Plate
30	93-7351	1	Discharge Door ASM
31	46-6811	1	Screw-HWH
32	80-3770	1	Retainer-Door
33	76-4660	1	Spring-Door
34	71-9350	1	Bracket-Spring
35	119-7894	1	Decal-Grease
36	82-9152	1	Tunnel-Discharge
39	46-6810	1	Screw And Washer ASM
42	49-2040	4	Screw-HWHTF
43	49-8770	1	Quadrant-Front, RH
46	106-0689	1	Decal
47	32144-86	4	Screw-HWHTF
48	109-7638	1	Guard-Engine



Housing and Discharge Plug Assembly (continued)

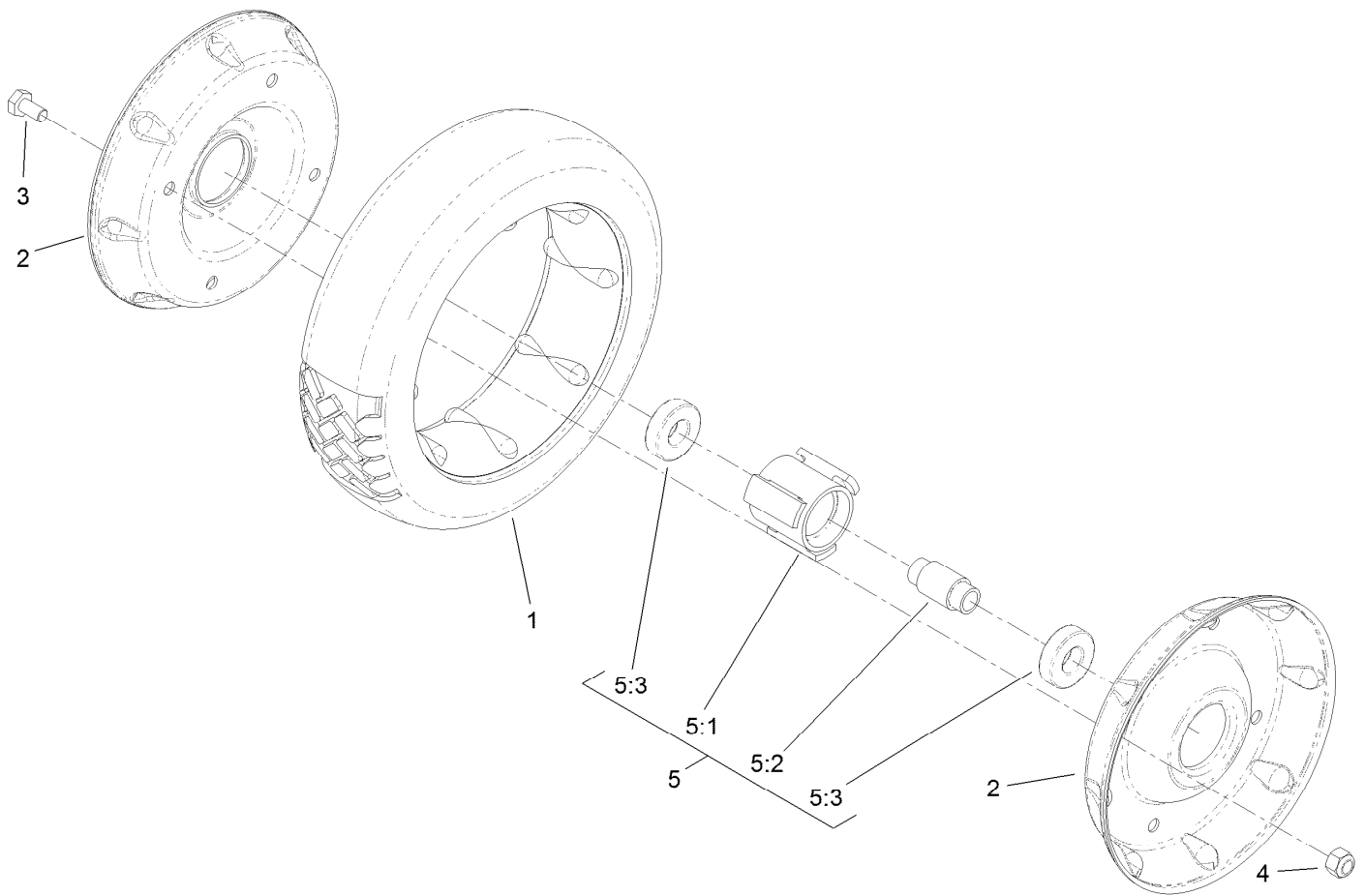
Ref.	Part Number	Qty.	Description
49	323-6	2	Screw-HH
50	3296-39	2	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
51	68-7410	1	Decal-Blade
53	117-2718	1	Decal-Arrester, Spark



Housing Assembly No. 98-7139

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	92-1750	1	Kicker-Rear
3	92-1720	1	Kicker-Front
4	92-1730	1	Kicker-RH
5	32144-111	6	Screw-PPH
6	94-8072	1	Decal-Danger
7	110-4989	1	Decal-Warning



Wheel and Tire Assembly No. 121-1380

Ref.	Part Number	Qty.	Description
1	53-7740	1	Tire
2	121-1365-06	2	Rim-Half, Wheel
3	321-2	4	Screw-HH
4	3296-42	4	Nut-Lock, NI
5	121-1377	1	Hub And Bearing ASM
5:1	52-2410	1	Hub-Bearing
5:2	52-2440	1	Spacer-Bearing
5:3	109-8020	2	Bearing-Ball

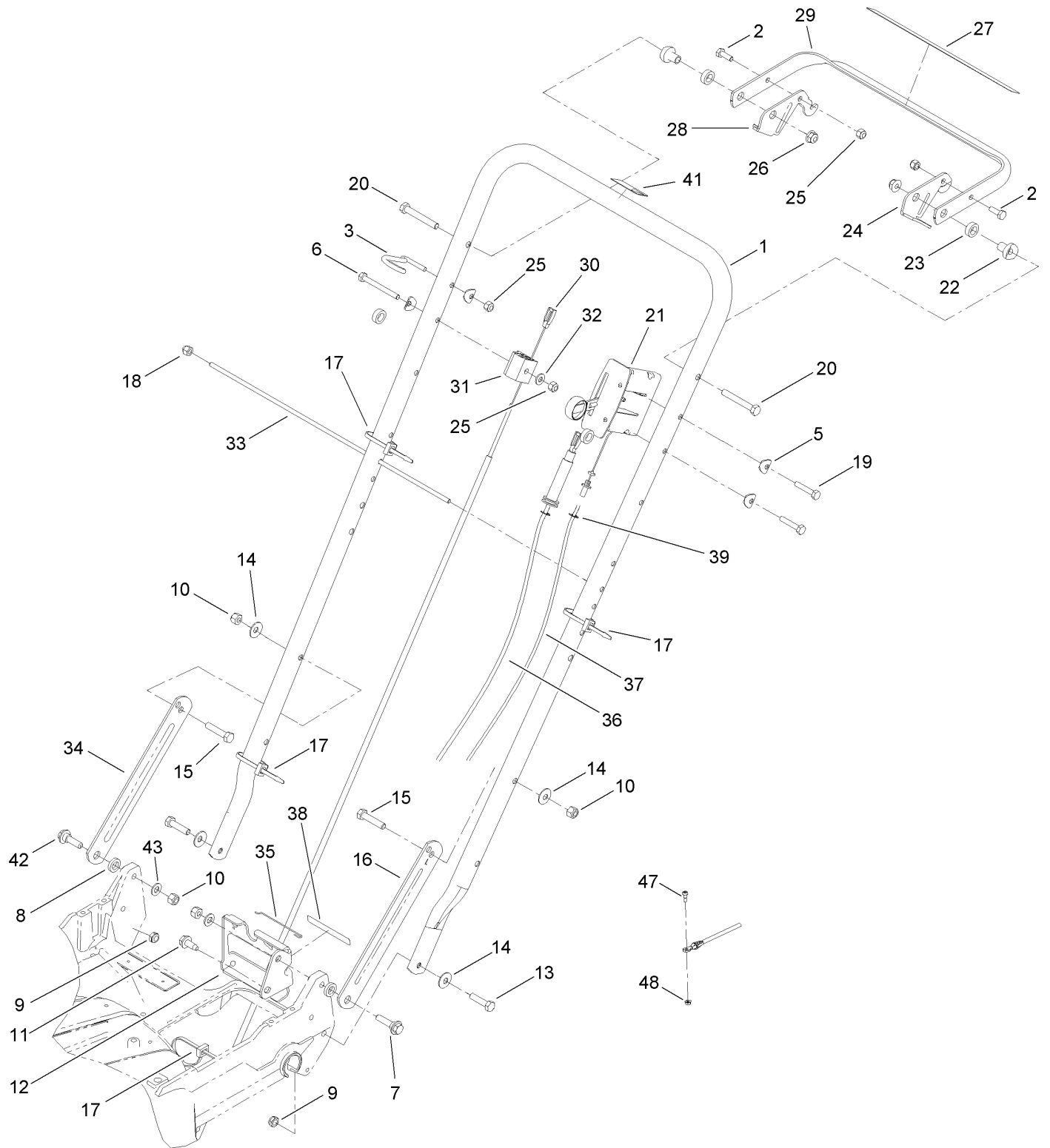
This exploded view diagram illustrates the assembly of a trimmer head. The components are numbered as follows:

- 1**: Trimmer head housing
- 5**: Trimmer head cap
- 7**: Trimmer head mounting bracket
- 8**: Trimmer head mounting pin
- 9**: Trimmer head mounting nut
- 10**: Trimmer head mounting pin
- 12**: Trimmer head mounting bracket
- 13**: Trimmer head mounting bracket
- 14**: Trimmer head mounting bracket
- 15**: Trimmer head mounting pin
- 16**: Trimmer head mounting nut
- 17**: Trimmer head mounting bracket
- 18**: Trimmer head mounting pin
- 19**: Trimmer head mounting bracket
- 20**: Trimmer head mounting pin
- 21**: Trimmer head mounting bracket
- 22**: Trimmer head mounting pin
- 23**: Trimmer head mounting nut
- 25**: Trimmer head mounting pin
- 27**: Trimmer head mounting pin
- 28**: Trimmer head mounting pin
- 30**: Trimmer head housing
- 32**: Trimmer head mounting bracket

Engine, Fuel Tank and Blade Assembly (continued)

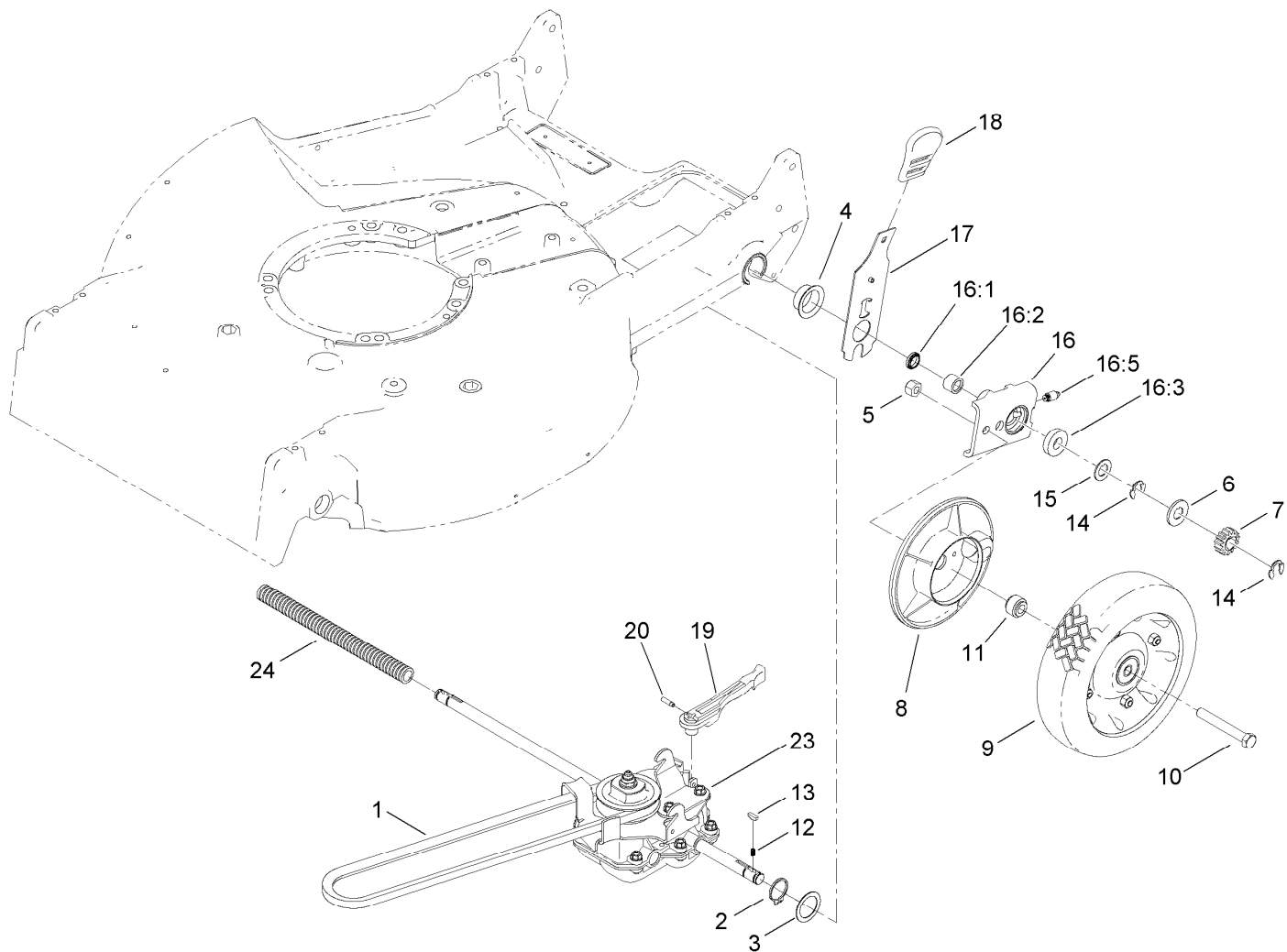
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-1404	1	Engine-Kawasaki, Fj180V-Bm08-M	17	121-1360	1	Crankshaft Protector ASM
5	110-0520	1	Decal	18	46-7910	1	Pulley-Driver
7	95-1727	4	Screw-Taptite	19	115-0954-03	1	Tank Mount ASM
8	5-1077	1	Key-Square	20	109-6776	1	Cap-Ratchet, Tethered
9	103-3795	1	Spacer-Retainer, Blade	21	114-0280	1	Tank-Fuel
10	105-8579	1	Bolt-Blade	22	104-2628	3	Screw-HWH
12	92-1599-03	1	Stiffener-Blade	23	46-8091	2	Screw-HWH
13	91-2256-03	1	Blade-21 Inch	25	107-0588	2	Hose-Fuel
14	52-2170-03	1	Retainer-Blade	27	1-603770	1	Valve-Fuel
15	32144-70	3	Screw-HWHTF	28	2412-98	4	Clamp-Hose
16	3254-6	3	Washer-Lock, Internal	30	114-3415	1	Decal
				32	115-0962	1	Hose-Vent, Canister

Handle Assembly



Handle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	98-2000-03	1	Handle	23	256-276	2	Spacer-Nylon
2	321-4	2	Screw-HH	24	66-5350	1	Lever-Control
3	114-2775	1	Guide-Rope	25	3296-42	4	Nut-Lock, NI
5	3-7501	4	Washer	26	104-8300	2	Nut-Flange, NI
6	321-15	1	Screw-HH	27	106-0690	1	Decal-Traction
7	27-7210	1	Screw-Shoulder	28	77-5270	1	Lever-Control
8	3-3287	2	Spacer	29	61-8270-03	1	Bar-Control
9	3296-47	2	Nut-Lock, NI	30	114-3483	1	Cable-Brake, Control
10	3296-29	4	Nut-Lock, NI	31	46-6980	1	Support-Cable
11	32144-70	1	Screw-HWHTF	32	3256-22	1	Washer-Flat
12	74-1741	1	Bracket-Adjustment, Traction	33	48-2810	1	Rod-Support, Bag
13	322-6	2	Screw-HH	34	100-3297-03	1	Latch-Handle, RH
14	3290-456	4	Washer-Belleville	35	46-7030	1	Retainer-Cable
15	322-7	2	Screw-HH	36	74-1791	1	Cable-Traction
16	100-3298-03	1	Latch-Handle, LH	37	106-0888	1	Throttle Cable ASM
17	3290-378	4	Tie-Cable	38	74-1970	1	Decal-Position, Gear
18	32111-7	2	Nut-Cap	39	32151-86	2	E-Ring
19	321-13	2	Screw-HH	41	98-4387	1	Decal-Protection, Ear
20	322-11	2	Screw-HH	42	27-7211	1	Screw-Shoulder
21	108-2645	1	Control-Head, Throttle	43	3256-23	2	Washer-Flat
22	49-1630	2	Spacer-Support	47	94-9422	1	Screw-Shoulder
				48	32128-17	1	Nut-Lock, Flange

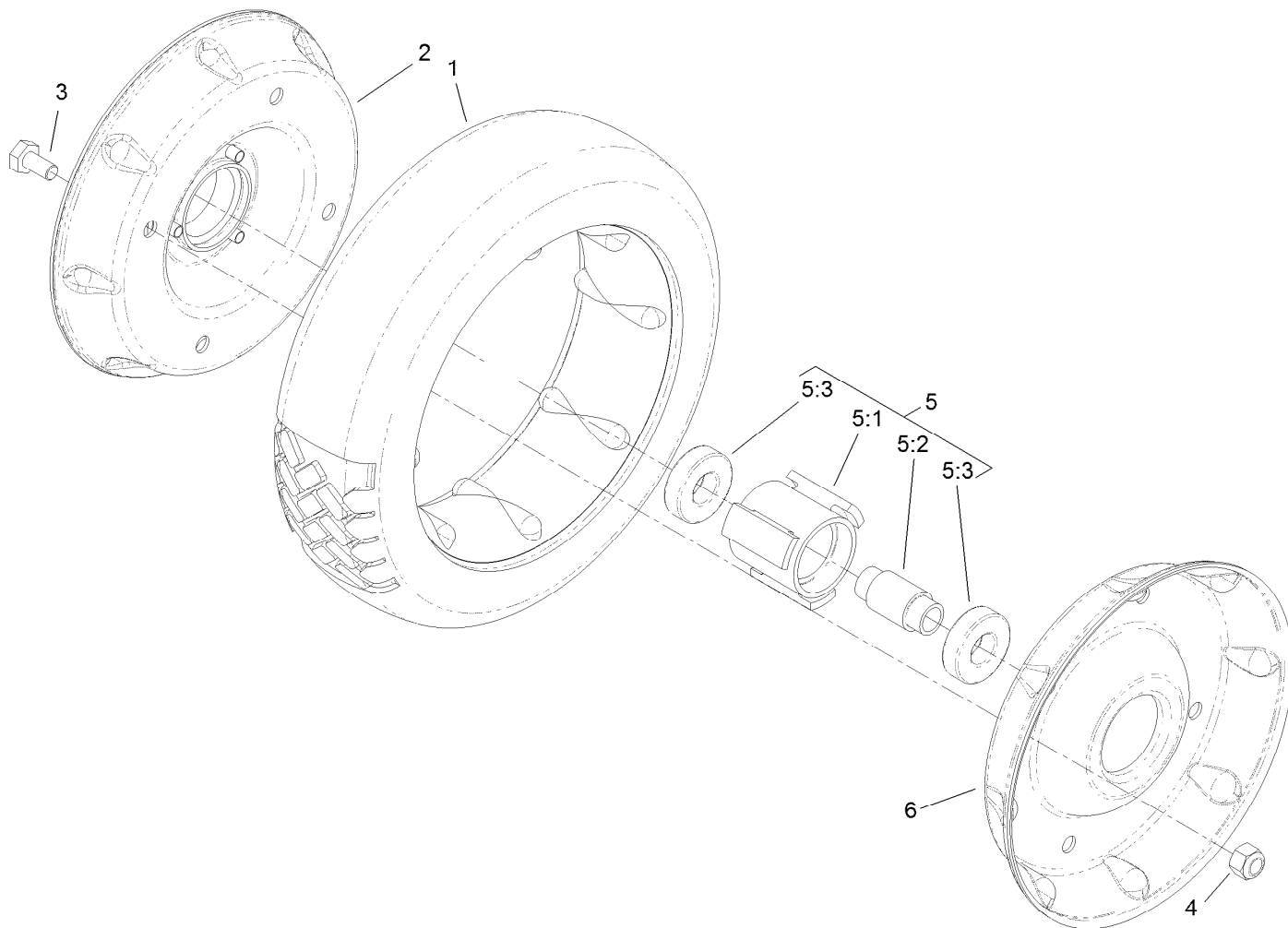


Transmission, Rear Wheel and Height-of-Cut Assembly

Ref.	Part Number	Qty.	Description
1	36-8070	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	48-2170	2	Cap-End
5	32152-2	2	Nut-Lock, Cone
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	121-1379	2	Wheel And Tire ASM
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, Wheel
12	39-9650	2	Spring-Compression
13	612066	2	Key
14	32151-68	4	Ring-Retaining

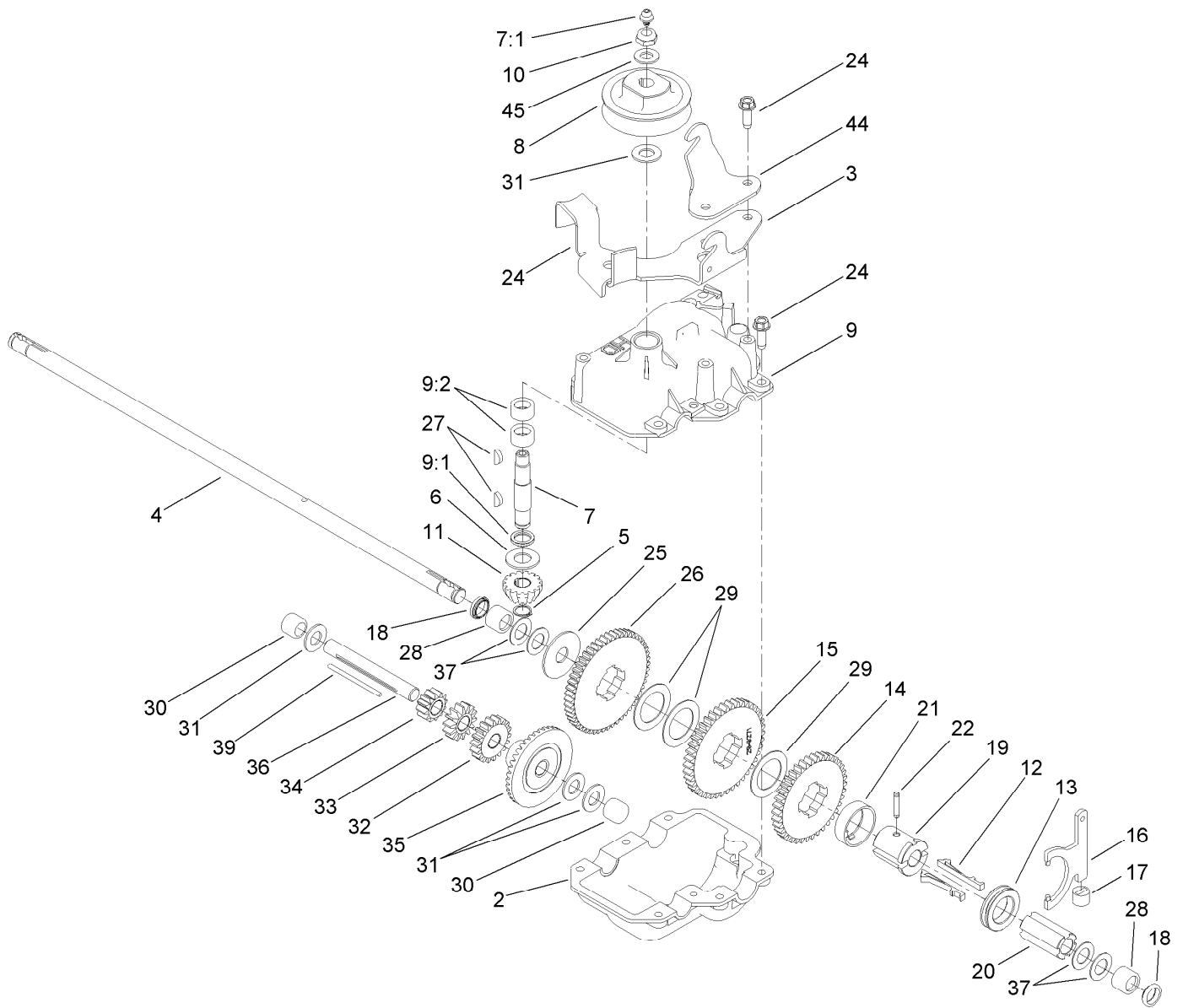
Ref.	Part Number	Qty.	Description
15	49-7700	2	Washer-Thrust, Outer
16	74-1851	2	Pivot Arm ASM
16:1	47-6730	1	Seal-Oil
16:2	117-3500	1	Bearing-Caged Needle Roller
16:3	52-2450	1	Bearing-Wheel
16:5	92-6316	1	Zerk
17	119-2324	2	Rear Spring Arm ASM
18	110-0549	2	Knob-HOC
19	74-1960	1	Lever-Shift
20	32121-99	1	Pin-Coil
23	74-1860	1	Gear Case ASM
24	121-1357	1	Cover-Shaft, Drive
99	121-1391	1	Grass Bag ASM ●

● Not illustrated



Wheel and Tire Assembly No. 121-1379

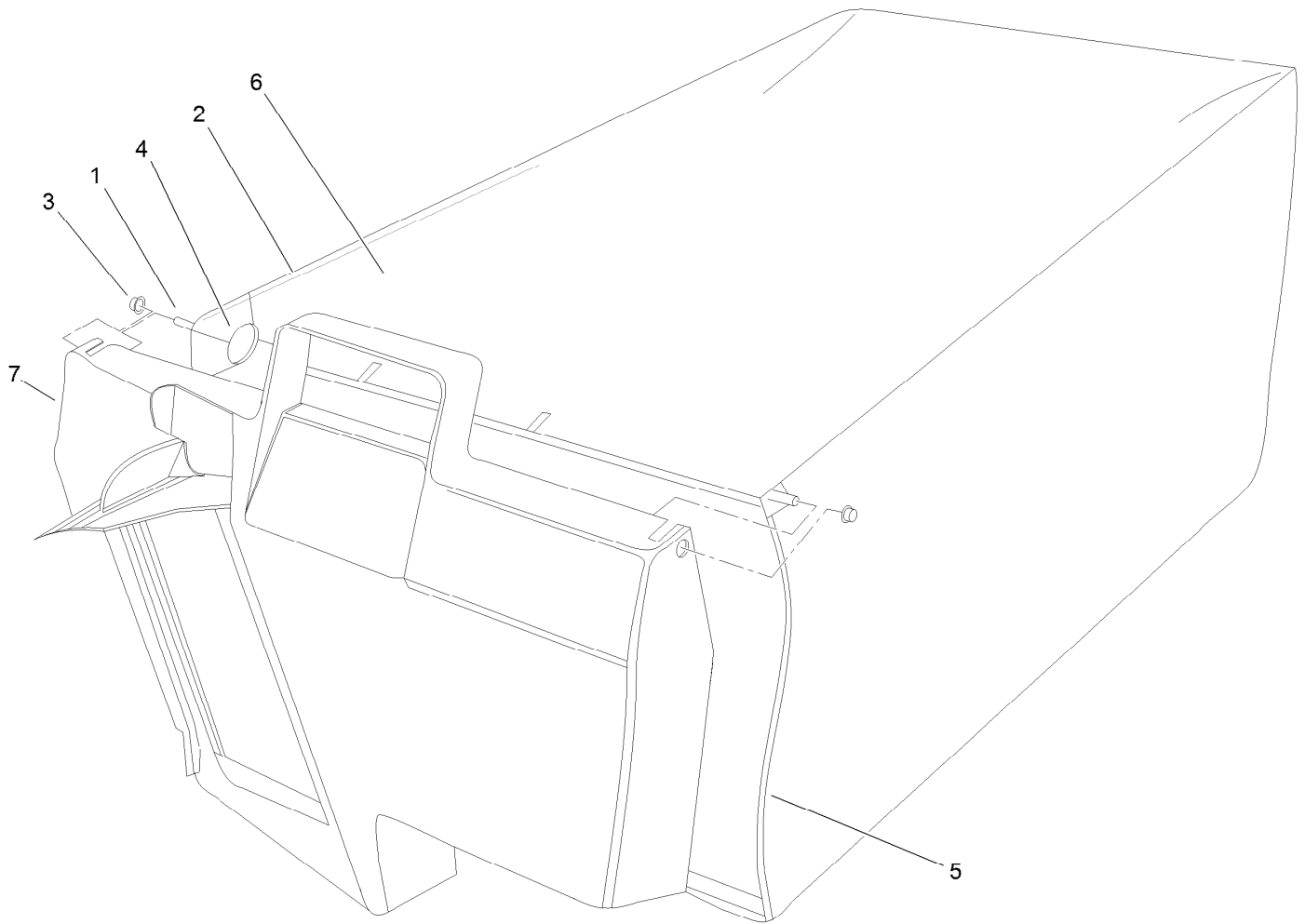
Ref.	Part Number	Qty.	Description
1	53-7740	1	Tire
2	121-1378-06	1	Wheel Half And Gear ASM
3	321-2	4	Screw-HH
4	3296-42	4	Nut-Lock, NI
5	121-1377	1	Hub And Bearing ASM
5:1	52-2410	1	Hub-Bearing
5:2	52-2440	1	Spacer-Bearing
5:3	109-8020	2	Bearing-Ball
6	121-1365-06	1	Rim-Half, Wheel



Gear Case Assembly No. 74-1860

Ref.	Part Number	Qty.	Description
2	119-7863	1	Gear Case-Lower
3	49-8461-03	1	Bracket-Guide, Belt
4	74-1890	1	Shaft-Output
5	32151-57	1	Ring-Retaining
6	47-2910	1	Washer-Thrust
7	13-5149	1	Input Shaft ASM
7:1	302-63	1	Zerk
8	39-6740	1	Pulley
9	13-9739	1	Upper Gearcase ASM
9:1	47-7260	1	Seal
9:2	47-7270	2	Bearing-Needle
10	3296-5	1	Nut-Lock
11	39-6660	1	Pinion-Bevel
12	29-9330	2	Key-Shift
13	29-9340	1	Collar-Shift
14	42-4740	1	Gear-38T
15	29-9271	1	Gear-42T
16	60-8870	1	Yoke-Shift
17	29-9570	1	Bushing-Yoke
18	47-6730	2	Seal-Oil
19	55-8010	1	Sleeve-Gear

Ref.	Part Number	Qty.	Description
20	39-6720	1	Sleeve
21	55-8020	1	Retainer-Key
22	3285-19	1	Pin-Groove
24	49-2040	8	Screw-HWHTF
25	29-9690	1	Washer
26	46-3560	1	Gear
27	3257-1	2	Key-Woodruff
28	117-3500	2	Bearing-Caged Needle Roller
29	36-4770	3	Washer
30	252-103	2	Bearing-Needle, Closed
31	36-4792	4	Washer-Thrust
32	39-6650	1	Gear-18T
33	46-3550	1	Gear-14T
34	46-3540	1	Gear-12T
35	74-1760	1	Gear-Bevel
36	53-7950	1	Shaft-Intermediate
37	36-4780	4	Washer-Plain
39	39-7842	1	Key
44	74-1750-03	1	Bracket-Engage, Traction
45	3256-45	1	Washer-Flat



Grass Bag Assembly No. 121-1391

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	33-4820	1	Hinge-Door, Bag
2	121-1388	1	Frame-Bag, Upper
3	3290-422	2	Nut-Push
4	36-6910	2	Spring
5	42-4020	1	Frame-Bag
6	106-0926	1	Bag-Grass
7	121-1389	1	Door-Bag, Grass

Attachments and Accessories

For 22197 21in Heavy-Duty Recycler/Rear Bagger Lawn Mower

Product Name	Model/Part
Blade-Atomic, 21in	104-1302
Bag-Large, Walk Behind (Toro).....	490-7315
Bag-Walk Behind (Toro).....	490-7318
Bag-Large, Walk Behind	490-7322
Bag-Walk Behind	490-7325
Cover-Lawnmower	490-7462
Side Discharge Kit	59199

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