Form No. 3484-273 Rev A

TORO®

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Parts Catalog

Brush Cutter

Walk Behind

Model No. 23521—Serial No. 421300000 and Up

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

CE

3484-273 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.

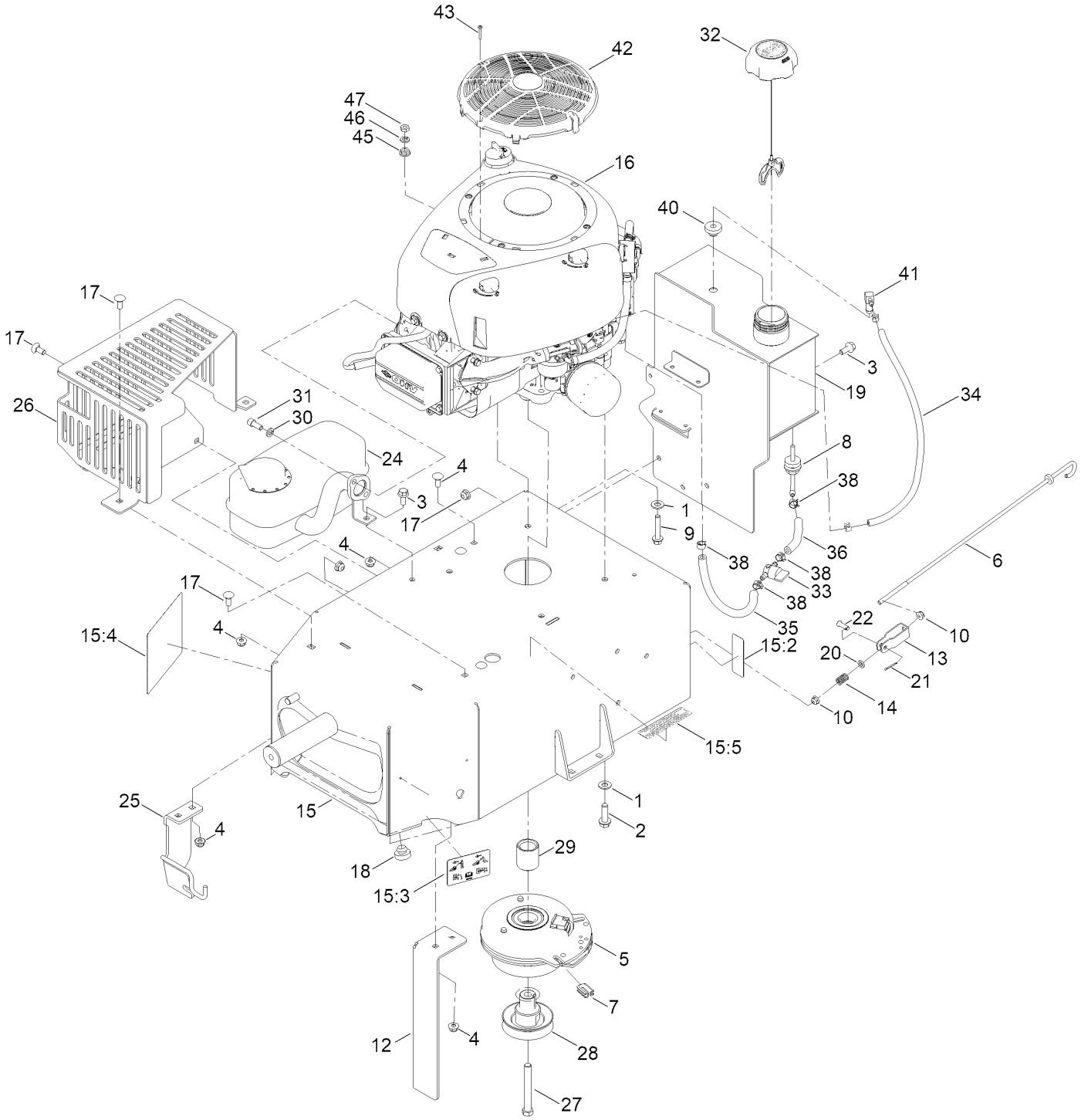
Contents

Engine and Frame Assembly 4
Drive Assembly 6
Transmission Assembly No. 121-1908 8
Deck Assembly 10
Handle Assembly 12
Electrical Assembly 14
Attachments and Accessories 16

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Engine and Frame Assembly



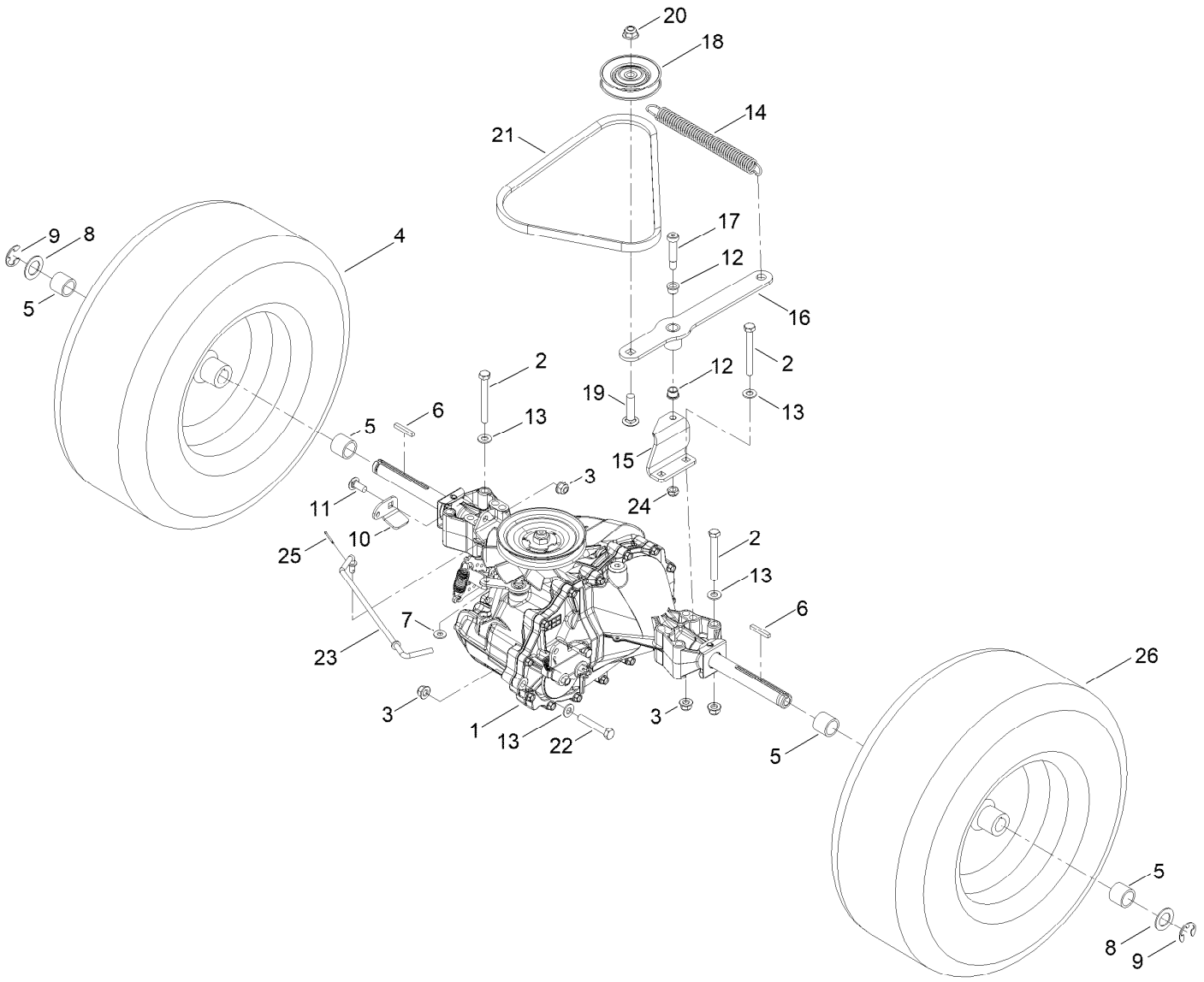
Engine and Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3256-24	4	Washer-Plain
2	32144-109	3	Screw-Thd
3	3234-47	4	Screw-HHF
4	119-4041	12	Nut-HF
5	136-1425	1	Clutch-Electric
6	161-2364	1	Rod-Brake
7	120-2217	1	Isolator-Clutch
8	103-2605	1	Fitting-Fuel, Bulkhead
9	94-5780	1	Screw-HWH
10	104-7201	2	Nut-HF, NI
12	132-4060-01	1	Bracket-Torque
13	39-3080	1	Clevis
14	63-4220	1	Spring-Compression
15	161-2369	1	Frame ASM
15:2	115-9625	1	Decal-Brake, Parking
15:3	136-4646	1	Decal-Bypass
15:4	161-6879	1	Decal-Service
15:5	133-8062	1	Decal-Spark Arrestor
16		1	Engine-B&s Professional ●■
17	3230-1	8	Bolt-CARR
18	104-1412	2	Bumper-Rubber
19	147-3271	1	Tank-Fuel
20	55-9620	1	Spacer-Plate, Pivot
21	3272-4	1	Pin-Cotter
22	1-808265	1	Pin-Clevis
24	147-7033	1	Muffler, Brush Cutter
25	133-9711-01	1	Guide-Belt/Cable
26	161-6861-03	1	Guard-Muffler [black]
27	3212-14	1	Screw-HH
28	136-1424	1	Pulley-Hydro
29	161-2361	1	Spacer, Clutch
30	3253-4	2	Washer-Lock
31	3274-10	2	Screw-HSH
32	137-4127	1	Cap-Fuel
33	1-603770	1	Valve-Fuel
34	115-7872	1	Hose-Fuel
35	109-0306	1	Hose-Fuel
36	144-5368	1	Hose-Fuel
38	2412-98	4	Clamp-Hose
40	46-6560	1	Bushing
41	104-5228	1	Fitting-Elbow, 90 DEG
42	145-4669	1	Cover-Fan
43	145-4670	1	Screw-Fan
45	137-3039	1	Nut-HF
46	136-8682	1	Washer-Lock
47	120-9638	1	Nut-Jam

● Not serviced separately

■ Obtain parts from www.briggsandstratton.com

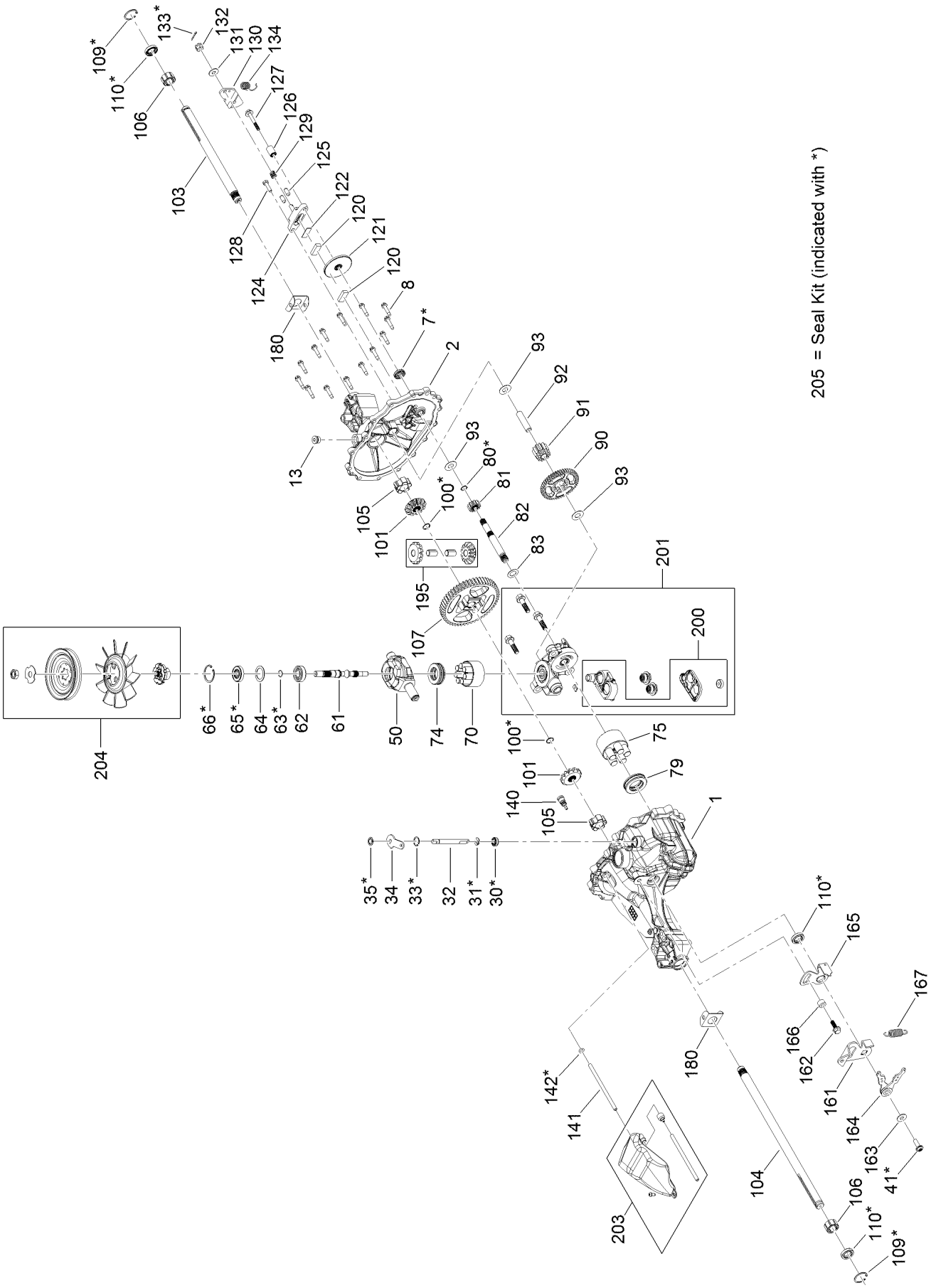
Drive Assembly



Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-1908	1	Transaxle ASM
2	322-13	6	Screw-HH
3	119-4041	8	Nut-HF
4	132-7001	1	Tire ASM
5	132-4062	4	Spacer
6	92-0049	2	Key-Square
7	3256-22	1	Washer-Flat
8	67-9410	2	Washer
9	32151-48	2	E-Ring
10	132-7048-03	1	Bracket-Cable
11	137-3061	1	Bolt-CARR
12	132-4097	2	Bushing
13	3256-23	7	Washer-Plain
14	21-1830	1	Spring-Extension
15	132-4079-03	1	Mount-Arm, Tension
16	132-4061-03	1	Arm-Tension, Belt
17	114-0239	1	Screw-HSH
18	62-4530	1	Pulley
19	3231-26	1	Screw-CARR
20	119-4042	1	Nut-HF, NI
21	707081	1	V-Belt
22	322-10	1	Screw-HH
23	133-9715	1	Lever-Valve, Tow
24	3296-47	1	Nut-Lock,NI
25	3272-4	1	Pin-Cotter
26	161-6895	1	Tire ASM, Left Hand

Transmission Assembly No. 121-1908

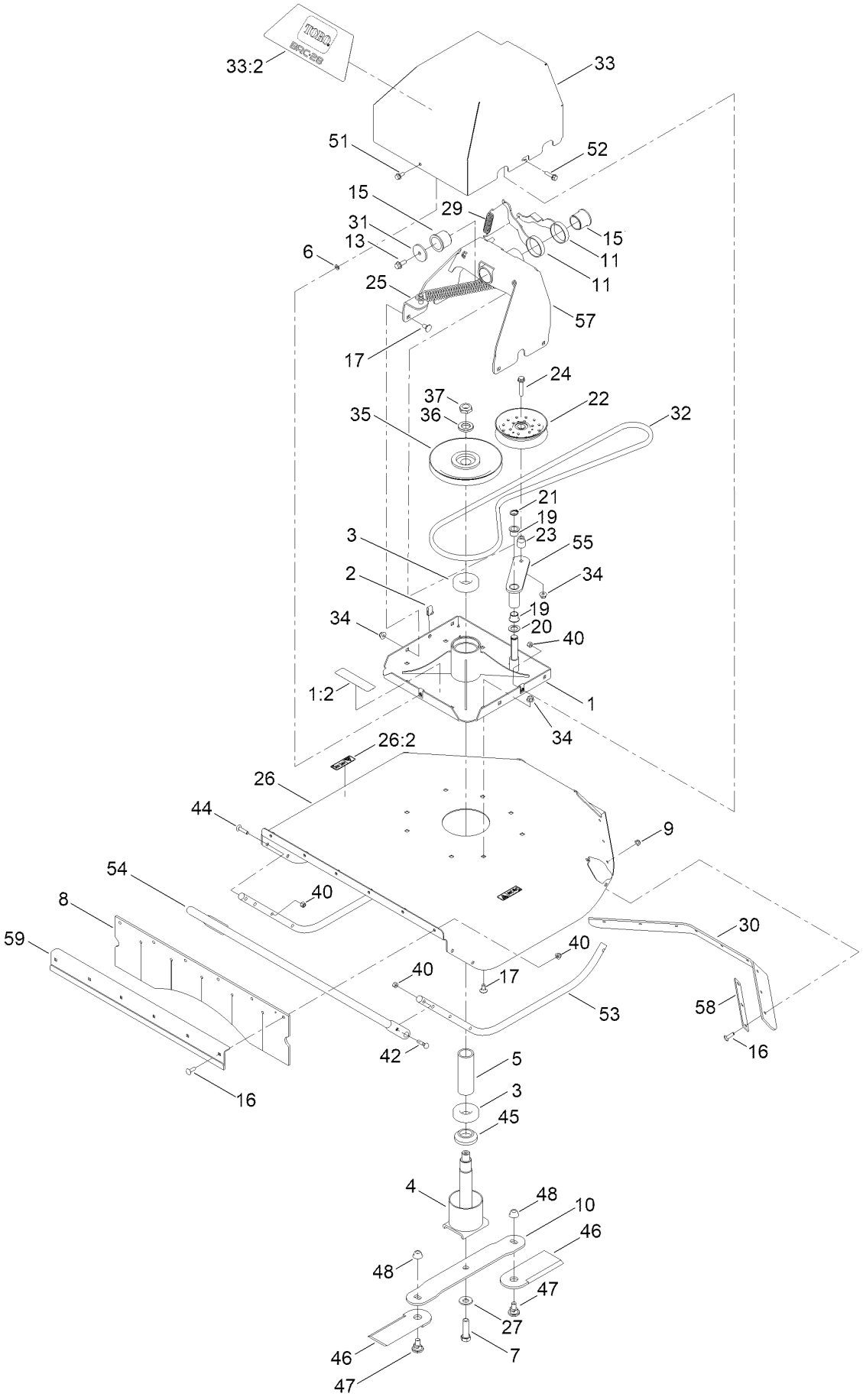


Transmission Assembly No. 121-1908 (continued)

Ref.	Part Number	Qty.	Description
1	115-8313	1	Main Housing Kit
2	119-5538	1	Housing Side Kit
7	115-8335	1	Seal-Lip
8	117-5359	14	Screw-HHF
10	104-2147	1	Sealant, Silicone - Non-Flammable ●
13	104-2189	1	Plug-Thread, Straight
30	106-8676	1	Seal-Lip
31	106-8677	1	Ring-Retaining, External
32	115-8312	1	Rod-Bypass, Actuator
33	106-8679	1	Ring-Retaining, Internal
34	115-8311	1	Arm-Bypass
35	106-8681	1	Ring-Retaining, External
41	107-2488	1	Screw
50	115-8319	1	Trunnion-Plate, Swash
61	115-8317	1	Shaft-Input
62	94-1904	1	Bearing-Shaft, Ball
63	119-5531	1	Ring-Retaining, Wire
64	104-2104	1	Spacer
65	92-6543	1	Seal-Lip
66	119-5533	1	Ring-Retaining
70	121-0967	1	Piston Block ASM
74	115-8320	1	Bearing-Thrust, Ball
75	103-2666	1	Cylinder Block Kit
79	94-6922	1	Bearing-Thrust
80	115-8331	1	Ring-Retaining, External
81	119-5539	1	Gear-Pinion
82	115-8329	1	Shaft-Motor
83	115-8328	1	Washer
90	119-5540	1	Gear
91	115-8333	1	Gear-Jackshaft, 11T
92	115-8334	1	Pin-Jackshaft
93	94-1933	3	Washer
100	104-5328	2	Ring-Retaining, Spiral
101	115-8315	2	Gear-Bevel, 12T (Spline, ID)
103	121-0968	1	Shaft-Axle, Keyed
104	121-0969	1	Shaft-Axle, Keyed
105	115-8314	2	Bushing-Inboard
106	115-8304	2	Bushing-Outboard
107	115-8325	1	Gear-53T, Bull
109	115-8303	2	Ring-Retaining, Internal
110	121-0970	3	Seal-Lip
120	104-2171	2	Puck-Brake
121	115-8337	1	Rotor-Brake
122	104-2181	1	Puck-Plate
124	104-5343	1	Yoke-Brake
125	104-2176	2	Pin-Brake
126	104-2180	1	Spacer
127	104-5345	1	Screw-HF
128	115-8339	1	Screw-HHCS
129	104-2188	1	Spring-Brake, Anti Drag
130	112-6195	1	Brake-Arm
131	114-8491	1	Washer
132	119-5543	1	Nut-Castle
133	3272-7	1	Pin-Cotter
134	104-2184	1	Spring-Arm, Brake (Bias)
140	104-5349	1	Fitting-SAE
141	115-8302	1	Hose
142	104-5361	1	O-Ring
161	115-8308	1	Arm-Control, Return
162	104-5312	1	Screw-HF
163	114-8491	1	Washer
164	115-8306	1	Bi Directional Return Kit
165	115-8310	1	Arm-Neutral
166	115-8309	1	Bushing
167	115-8307	1	Spring-Extension
180	119-5527	2	Spring Clip-Housing Thrust
195	137-0656	1	Miter Gears W/Pins Kit
200	115-8323	1	Filter Kit
201	137-0657	1	Centersection W/Filter Kit
203	115-8301	1	Expansion Tank Kit
204	137-0658	1	Fan/Pulley Kit
205	115-8316	1	Seal Kit

● Not illustrated

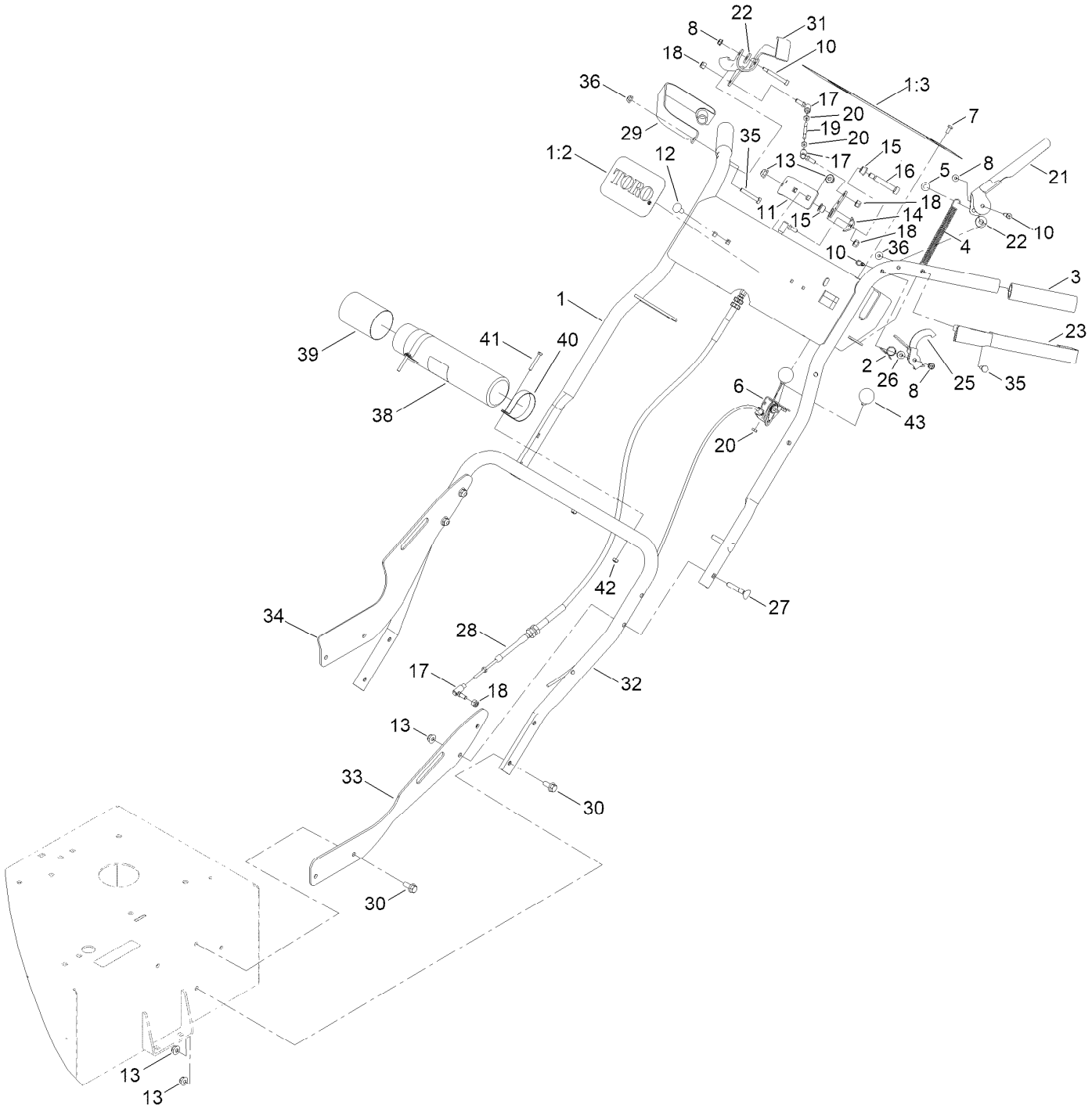
Deck Assembly



Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-4637	1	Spindle ASM
1:2	93-7814	1	Decal-Danger
2	94-2413	3	Nut-U
3	132-4088	2	Bearing-Spindle
4	132-7040	1	Spindle Cup ASM
5	132-7006	1	Spacer-Bearing
6	117-2749	1	Nut-Push
7	51-4060	1	Screw-Blade
8	136-4599	1	Flap-Rubber
9	119-4041	15	Nut-HF
10	132-4066	1	Blade-Flail
11	132-4064-03	2	Arm-Return
13	3234-11	1	Screw-HHF
15	132-4091	2	Bushing
16	3230-22	15	Screw-CARR
17	3231-1	12	Screw-CARR
19	132-4089	2	Bushing
20	67-9410	1	Washer
21	32120-93	1	Ring-Retaining
22	116-4665	1	Pulley-Idler, Flat
23	1-633456	1	Bushing, Idler
24	108-3742	1	Screw-HHF
25	1-513308	1	Spring-Idler, Deck
26	136-4625	1	Deck ASM
26:2	130-9670	2	Decal-Warning, Blade
27	125-1736	1	Washer-Belleville
29	13-0480	1	Spring
30	133-9700	1	Flap-Deck
31	132-4055	1	Washer-Flat
32	132-7047	1	Belt-Deck
33	136-4627	1	Guard-Belt
33:2	132-4011	1	Decal
34	119-4042	13	Nut-HF, NI
35	104-3546	1	Pulley-Driven, Low
36	120-5576	1	Washer-Hardened
37	3296-60	1	Nut-Lock, NI
40	3296-29	12	Nut-Lock, NI
42	130-2356	4	Screw-Handle, Lock
44	112-6950	6	Screw-CARR
45	136-4609	1	Cap-Spindle
46	132-4067	2	End-Blade
47	132-4069	2	Bolt
48	131-0703	2	Nut-HHF
51	3234-5	1	Screw-HHF
52	3234-36	2	Screw-HHF
53	132-7008-03	2	Bar-Skid
54	132-7009-03	1	Guard-Brush
55	132-7033-03	1	Arm-Tension
57	132-7044-03	1	Frame-Pivot
58	133-9709-03	3	Plate-Flap, Deck
59	136-1421-01	1	Guard-Flap, Rubber

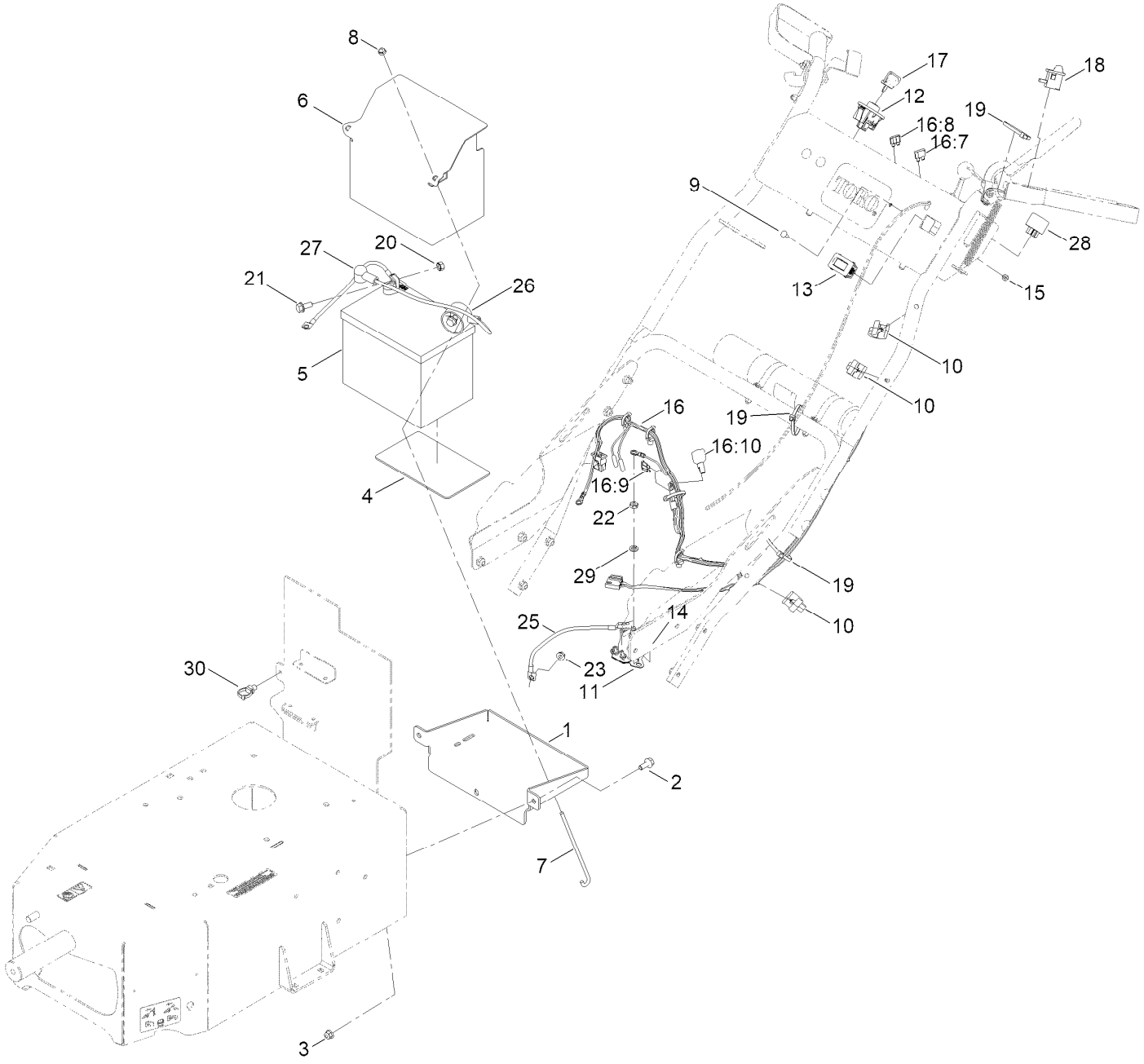
Handle Assembly



Handle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-4624	1	Handle ASM
1:2	105-8278	1	Decal
1:3	132-4005	1	Decal-Operation, Safety
2	132-4085	1	Spring
3	136-1433	2	Grip-Foam
4	95-3805	1	Spring
5	32112-11	1	Nut-Push
6	161-6867	1	Cable-Throttle
7	25-8640	2	Screw-HH
8	32128-17	3	Nut-Lock, Flange
10	137-0550	3	Bolt-Shoulder
11	132-7023-03	1	Mount-Bell Crank
12	3230-1	2	Bolt-CARR
13	119-4041	15	Nut-HF
14	132-7024-03	1	Bell Crank ASM
15	132-4097	2	Bushing
16	126-0277	1	Screw-Shoulder
17	100-8559	4	Ball Joint ASM
18	3296-3	4	Nut-Lock
19	132-4083	1	Link-Control
20	3219-14	4	Nut-Hex
21	132-7029-03	1	Handle-Clutch
22	88-7200	2	Washer-Flat
23	136-4633-03	1	Guard-Knuckle
25	136-4596	1	Lockout
26	136-4595	1	Spacer
27	92-2260	4	Screw-Handle
28	132-4095	1	Cable-Traction
29	136-1430-03	1	Guard- Knuckle
30	3234-47	8	Screw-HHF
31	132-4049-03	1	Handle-Traction
32	133-9714-03	1	Handle-Lower
33	161-6928-03	1	Brace-Handle [black]
34	161-6929-03	1	Brace-Handle [black]
35	321-9	2	Screw-HH
36	104-7201	2	Nut-HF, NI
38	104-7050	1	Tube-Manual
39	104-7048	1	Cap-Housing
40	2412-120	2	Clamp-R
41	32105-1	2	Screw-SHH
42	3296-2	2	Nut-Lock, NI
43	164-1475	1	Knob, Throttle Cable

Electrical Assembly



Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-1401-01	1	Tray-Battery
2	3234-47	3	Screw-HHF
3	119-4041	3	Nut-HF
4	62-4300	1	Pad-Skid, Anti
5	105-1692	1	Battery- Dry, 12V, 230 CCA
6	136-1408-01	1	Tray-Battery
7	1-633651	2	Bolt-Holddown
8	104-7201	2	Nut-HF, NI
9	1-807513	2	Bolt-CARR
10	114-7988	3	Guide-Cable
11	117-1197	1	Solenoid
12	137-4100	1	Switch-Ignition
13	120-2244	1	Hourmeter
14	32144-4	2	Screw-HWH
15	3296-2	2	Nut-Lock, NI
16	122-0925	1	Harness-Wire
16:7	218-578	1	Fuse-Blade, 10 Amp
16:8	109102	1	Fuse-Blade, 25 Amp
16:9	109103	1	Fuse-Blade, 30 Amp
16:10	100-4918	2	Diode
17	63-8360	1	Key-Ignition
18	133-4654	1	Switch-Plunger
19	614249	3	Tie-Cable
20	32149-1	2	Nut-Keps
21	3234-5	2	Screw-HHF
22	3220-2	2	Nut-Hex Jam
23	32128-33	1	Nut-HF
25	122-1000	1	Cable-Battery, Positive
26	122-0999	1	Cable-Battery, Positive
27	122-0959	1	Cable-Battery, Negative
28	98-7249	3	Relay
29	3253-4	2	Washer-Lock
30	32180-030	1	Clip-Tie

Attachments and Accessories

For 23521 — Brush Cutter Walk Behind

Product Name	Model/Part
Spark Arrester Kit	131-4160
Blade-Brush	132-7036-03
Flail Blade Kit	136-4622
Flail Ends Kit	136-4623
Deck Ski Kit	137-7608
Oil-30/10W-30 Synthetic (Quart)	138-6053
10W30 4-Cycle Engine Oil (32oz Bottle)	38280

Notes:

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Count on it.