Form No. 3481-383 Rev A

TORO®

Count on it.

Parts Catalog

Greensmaster® e1021

Greensmower

Model No. 04835—Serial No. 420300000 and Up

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

CE

3481-383 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.

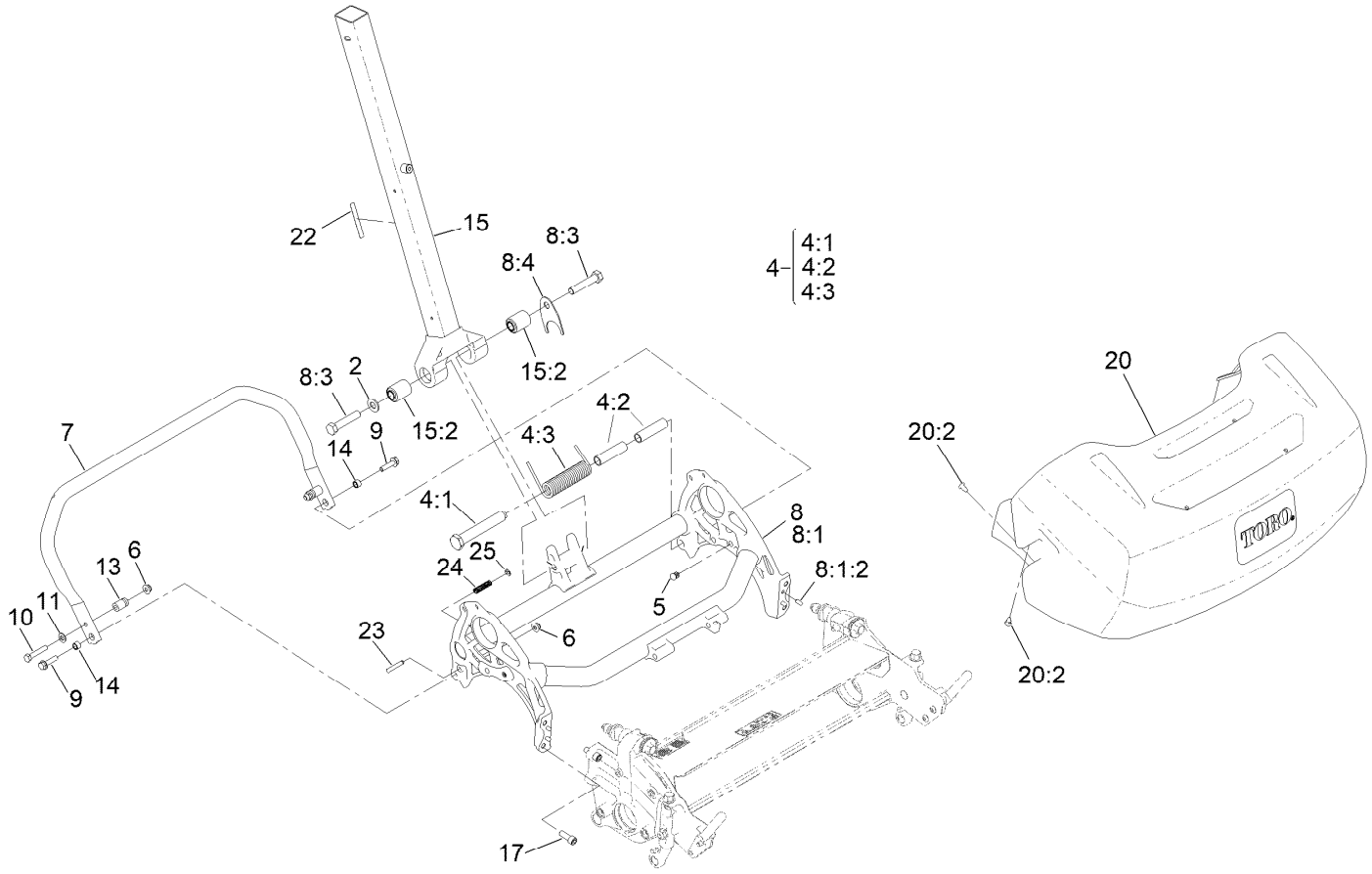
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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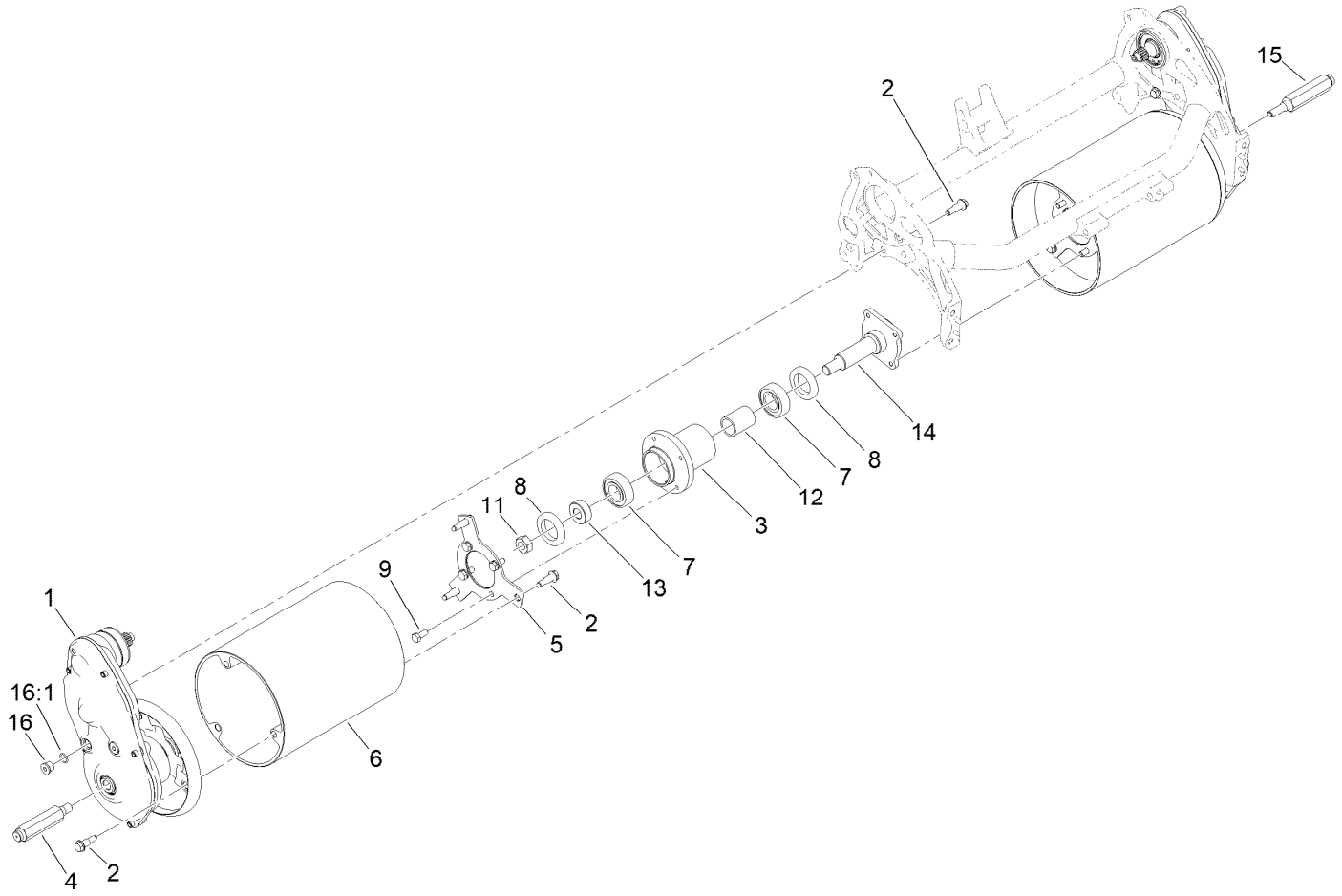


Frame and Handle Mount Assembly

Ref.	Part Number	Qty.	Description
2	139-2611	1	Washer-Flat
4	147-2290	1	Kit-Kickstand Spring Replacement
4:1	147-2285	1	Pin-Mount, Spring
4:2	147-2286	2	Sleeve, Spring-Mount
4:3	147-2268	1	Spring-Torsion, LH
5	139-4326	2	Plug-Plastic
6	119-4041	3	Nut-HF
7	147-2272	1	Kickstand, 21 Inch
8	140-9341	1	Frame ASM, 21" Electric
8:1		1	Frame ASM, Electric 21" ●
8:1:2	95-0715	4	Pin-Dowel
8:3	325-10	2	Screw-HH
8:4	140-9333	1	Washer, Anti-Rotation

Ref.	Part Number	Qty.	Description
9	112-6913	2	Screw-HF
10	322-9	2	Screw-HH
11	3256-23	2	Washer-Plain
13	65-7900	2	Retainer-Spring
14	65-7910	2	Spacer
15	137-0292	1	Lower Handle ASM
15:2	138-1469	2	Bushing-Straight
17	3274-7	4	Screw-HSH
20	140-9293	1	Basket-Grass, GR1021
20:2	121-4729	4	Plug
22	133-8061	1	Decal-Warning
23	139-7431	1	Pin-Kickstand, Lock
24	73-3450	1	Spring-Compression
25	32151-86	1	E-Ring

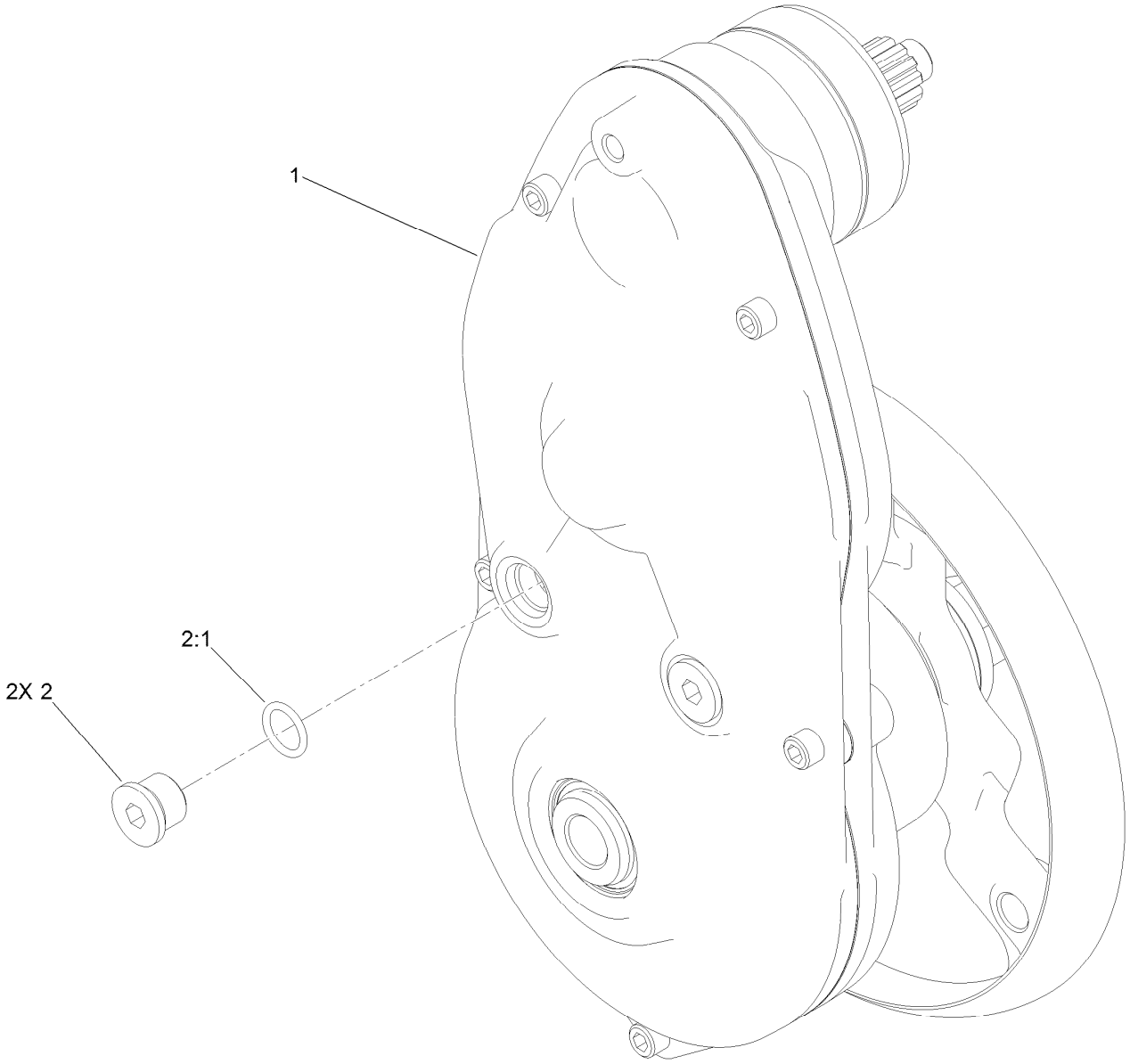
● Not serviced separately



Drum Drive Assembly

Ref.	Part Number	Qty.	Description
1	147-2345	1	Drum Drive Replacement Kit
2	132-4607	14	Bolt-Shoulder, Flange
3	132-6971	1	Hub-Drum
4	132-4605	1	Shaft-Hex, RH
5	147-2257	2	Plate-Drum, Hub
6	133-9246	2	Drum-Traction, 21 Inch
7	251-82	2	Bearing-Ball
8	253-159	2	Seal

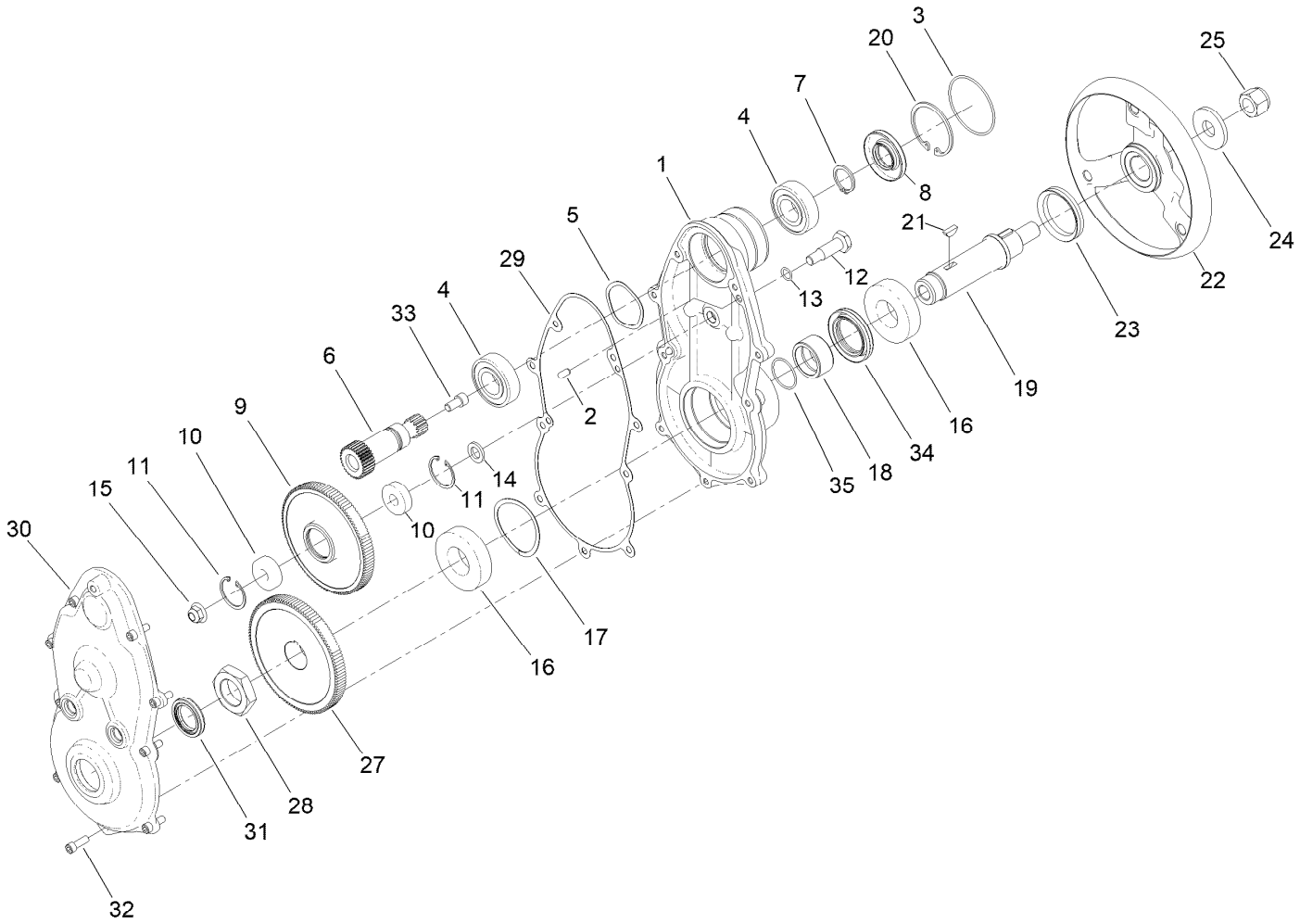
Ref.	Part Number	Qty.	Description
9	114-7728	8	Screw-HHF, Patch
11	3296-33	1	Nut-Lock, NI
12	65-6520	1	Spacer
13	65-6530	1	Spacer
14	94-5850	1	Spindle-Drum
15	132-4606	1	Shaft-Hex, LH
16	353-989	4	Plug-Hex, Hollow
16:1	237-42	1	O-Ring



Drum Drive Replacement Kit Assembly No. 140-9329

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Drum Drive Gear Box ASM ●
2	353-989	2	Plug-Hex, Hollow
2:1	237-42	1	O-Ring

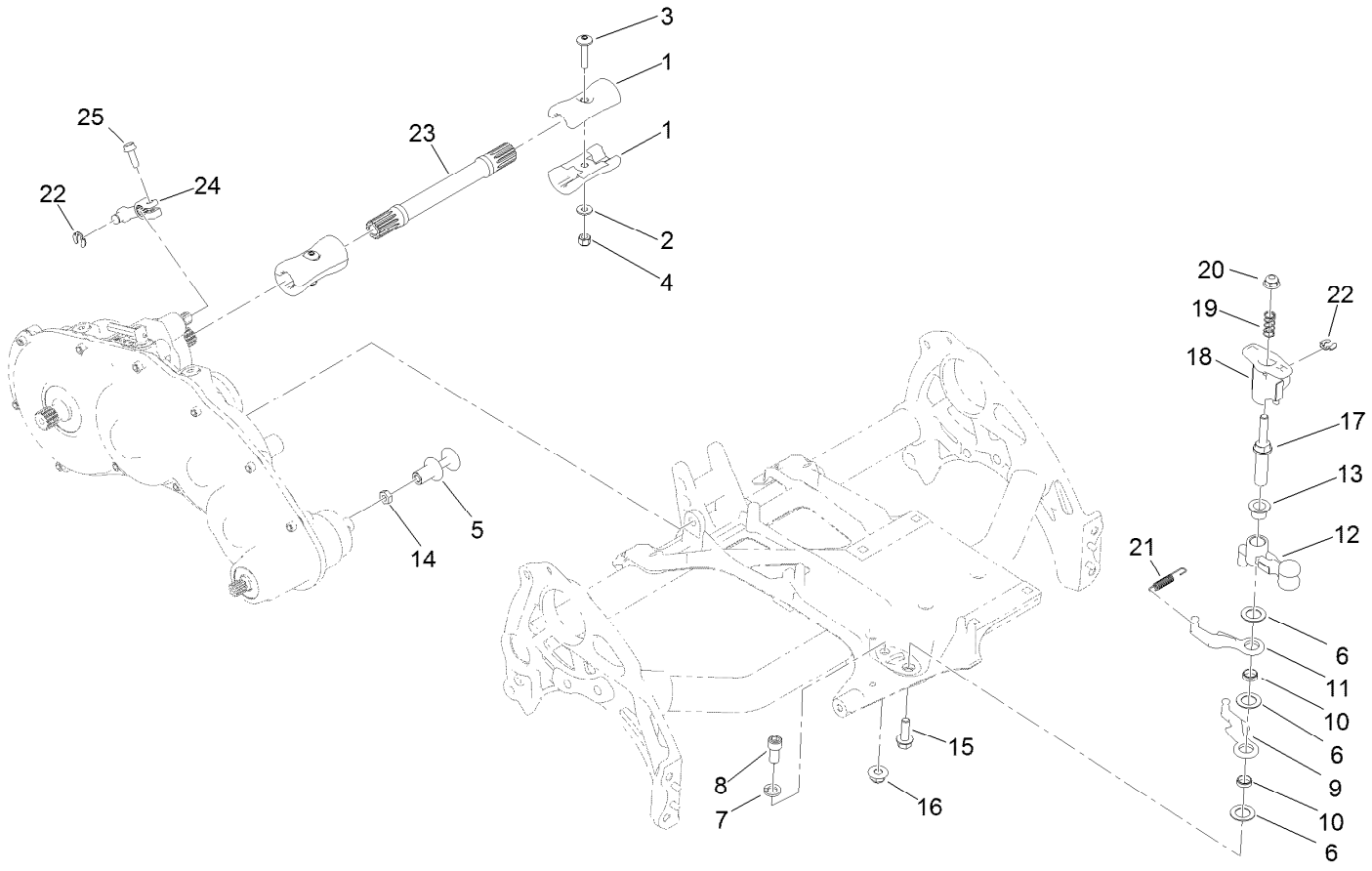
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Drum Drive Gear Box Assembly

Ref.	Part Number	Qty.	Description
1	147-2321	1	Housing-Drive, Drum
2	133-4591	2	Pin-Dowel
3	133-9082	1	O-Ring
4	251-82	2	Bearing-Ball
5	3290-485	1	Washer-Wave
6	132-4565	1	Gear-Spur, 30T
7	138-1507	1	Ring-Retaining, EXT (25MM)
8	138-1491	1	Seal-Oil
9	137-0274	1	Gear-Spur, 108T
10	49-2410	2	Bearing-Ball
11	138-1506	2	Ring-Retaining, Int (32MM)
12	133-4558	1	Pin-Bearing, Short
13	80-8460	1	O-Ring
14	133-4553	1	Spacer-Bearing
15	119-4042	1	Nut-HF, NI
16	251-312	2	Bearing-Ball
17	115-5258	1	Spring-Wire, Flat

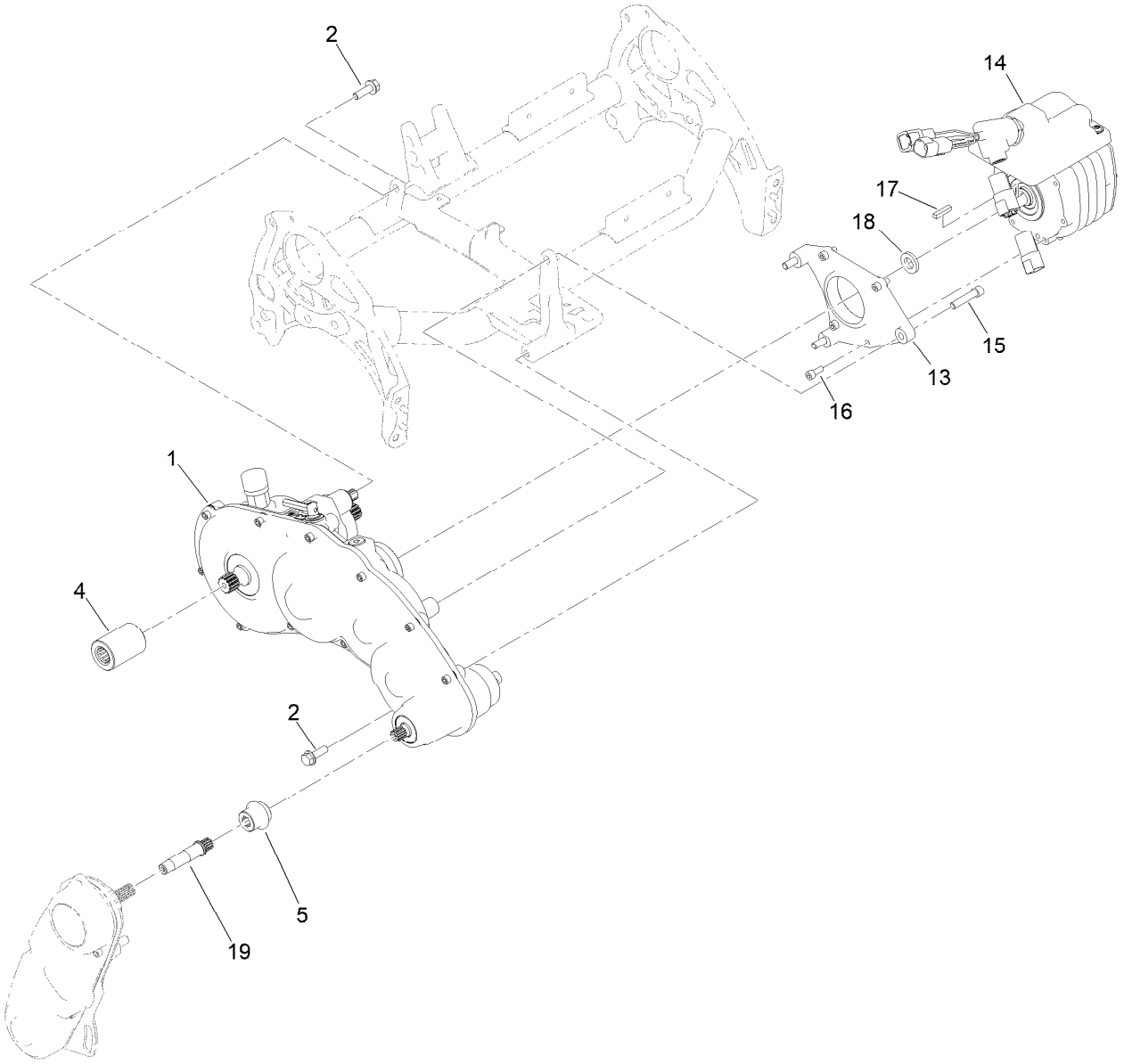
Ref.	Part Number	Qty.	Description
18	147-2348	1	Spacer
19	133-4562	1	Shaft-Drum, Drive
20	138-1480	1	Ring-Retaining, Int (52MM)
21	138-1504	2	Key-Woodruff, 5MM
22	133-9244	1	Hub-Drum, Outer
23	253-161	1	Seal-V-Ring
24	104-9216	1	Washer-Hardened
25	126-3841	1	Nut-Hex, NI
27	147-2349	1	Gear-Spur, 114T
28	133-9078	1	Nut-Hex
29	147-2324	1	Gasket-Drum Drive
30	147-2323	1	Cover-Drive, Drum
31	133-4559	1	Seal-Oil
32	140-9233	9	Screw-HSH, Patch
33	3274-12	1	Screw-HSH
34	147-2346	1	Seal-Oil
35	147-2347	1	O-Ring



Drive Shaft and Reel Components Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	133-9100	4	Coupler-Splined, 4 Tooth
2	119-8952	2	Washer-Spcl
3	126-8232	2	Screw-Truss Hex Skt
4	3296-42	2	Nut-Lock, NI
5	133-9207	1	Adapter-Slider
6	139-7362	3	Washer-Poly
7	3253-21	1	Washer-Lock
8	131-8573	1	Screw-HSH
9	138-1523	1	Reel Lever
10	133-9226	2	Bushing-Straight
11	138-1524	1	Lever-Reel
12	133-9206	1	Bellcrank-Reel
13	125-5239	1	Bushing-Flange

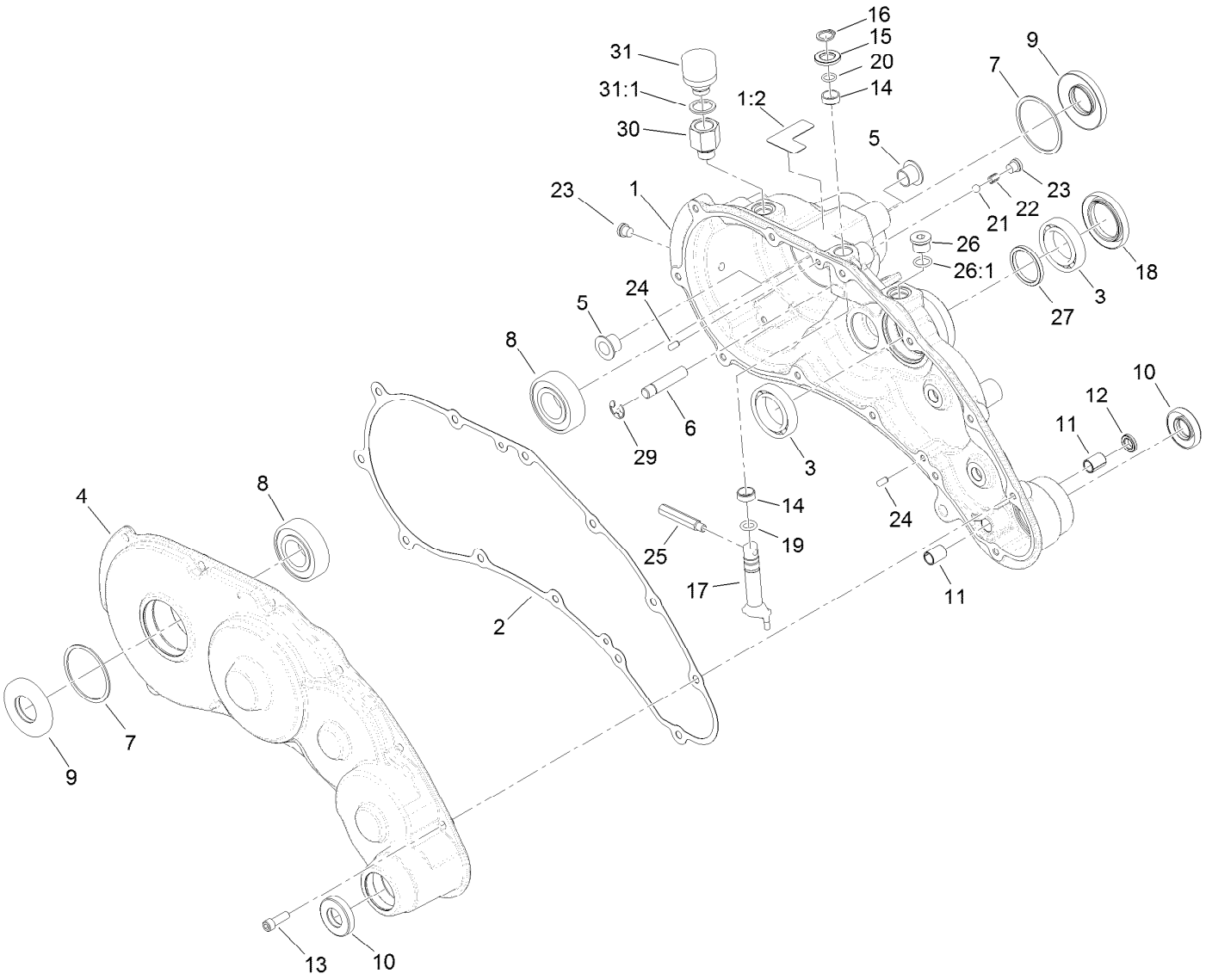
Ref.	*Part Number*	*Qty.*	*Description*
14	120-9638	1	Nut-Jam
15	115-5142	1	Screw-HHF, Patch
16	119-4042	1	Nut-HF, NI
17	137-0298	1	Shaft-Selector, Reel
18	137-0299	1	Hub-Selector, Reel
19	117-1031	1	Spring-Compression
20	119-4041	1	Nut-HF
21	119-4609	1	Spring-Extension
22	32151-47	2	Ring-Retaining
23	139-5133	1	Shaft-Drive, Electric
24	133-9117	1	Lever-Brake, Cable
25	131-6150	1	Screw-HWHTF



Transmission Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	140-9327	1	Kit-Transmission Replacement
2	115-5142	2	Screw-HHF, Patch
4	138-1615	1	Tube-Drive
5	140-9380	1	Tube-Drive, Reel
13	139-5132-0P	1	Adapter-Motor
14		1	Rem/Inv Assy, Dir Drv ●
15	3274-83	3	Screw-HSH
16	105-2409	4	Screw-HSH
17	1-807272	1	Key
18	140-9257	1	Gasket-Motor, Electric
19	138-1613	1	Shaft-Drive, Reel

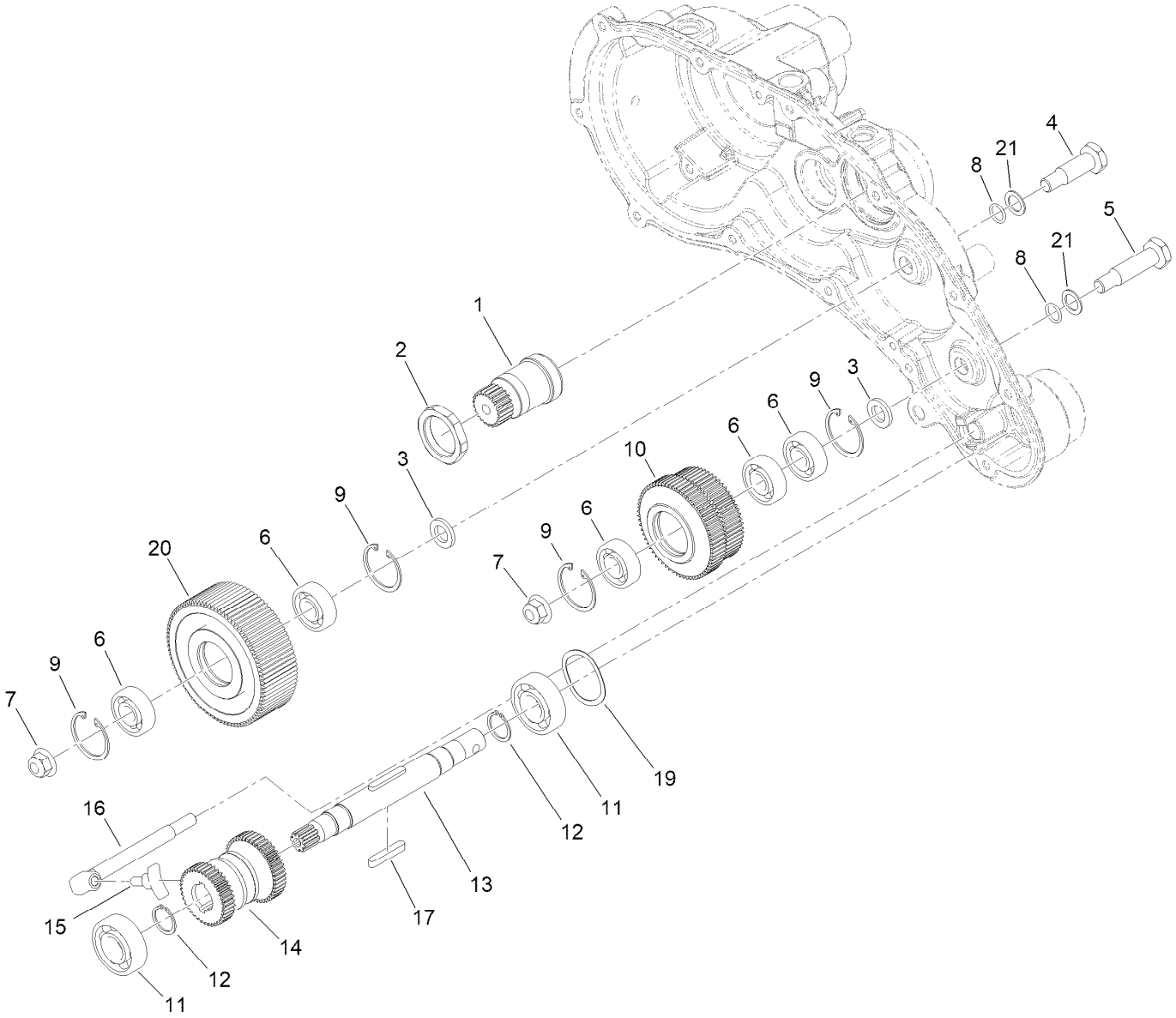
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Transmission Assembly No. 140-9327
Transmission Case Assembly

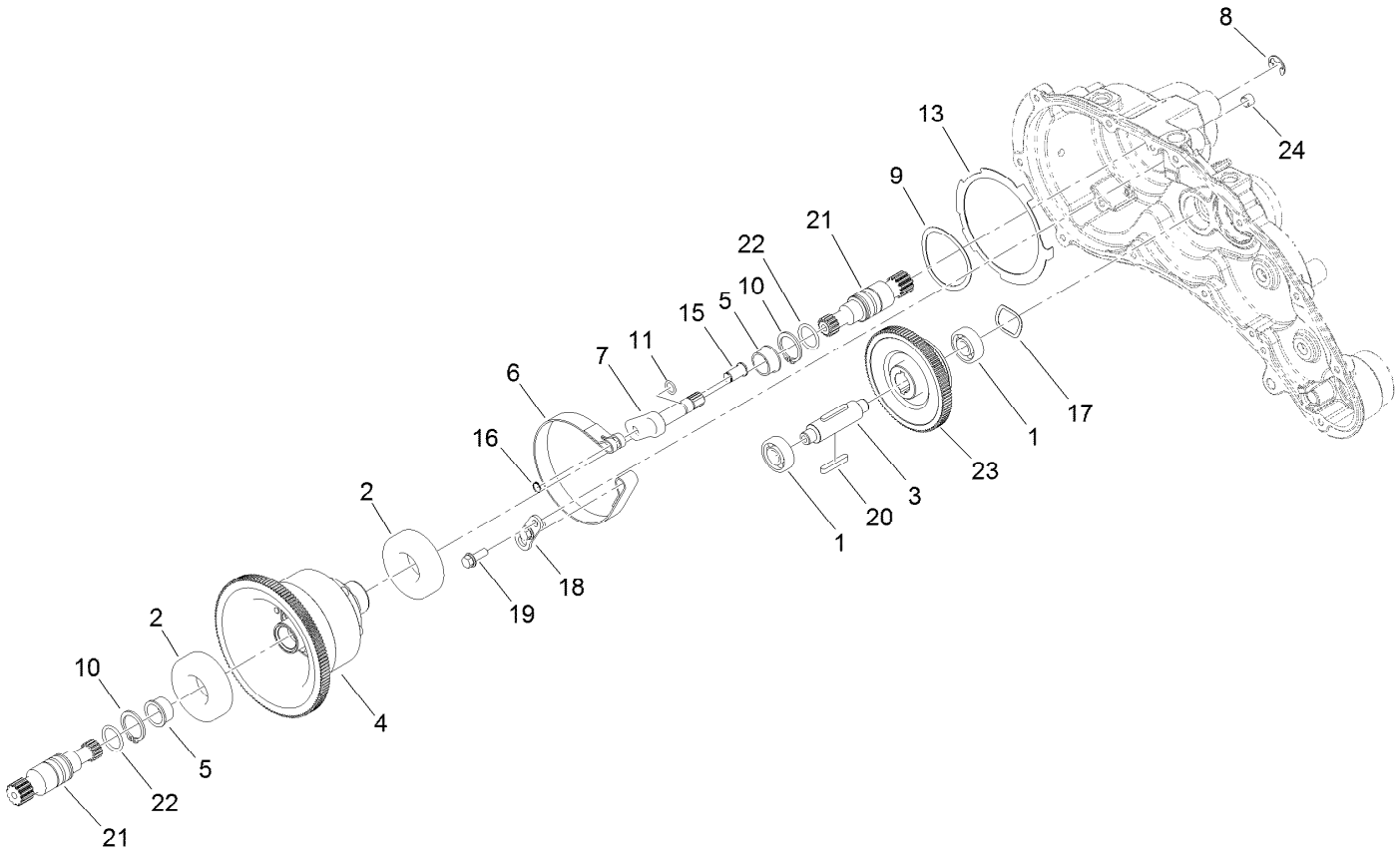
Ref.	Part Number	Qty.	Description
1	140-9307	1	Transmission Housing ASM, Elec.
1:2	138-1644	1	Decal-Release, Traction
2	132-4551	1	Gasket-Transmission
3	140-9287	2	Bearing-Ball
4	138-1603	1	Transmission Cover ASM
5	125-5239	2	Bushing-Flange
6	133-9122	1	Pin-Mount, Brake
7	32151-92	2	Ring-Retaining
8	251-82	2	Bearing-Ball
9	133-9075	2	Seal-Oil
10	130-9463	2	Seal-Oil
11	131-3038	2	Bushing-Sleeve
12	131-3126	1	Seal-Oil
13	140-9233	12	Screw-HSH, Patch
14	121-4738	2	Bushing-Straight
15	108-5059	1	Spacer-Bushing

Ref.	Part Number	Qty.	Description
16	32151-61	1	Ring-Retaining
17	130-6816	1	Shaft-Selector, Traction
18	140-9325	1	Seal-Grease, High Temp
19	131-1879	1	O-Ring Seal
20	237-22	1	O-Ring
21	105-2442	1	Ball-Detent
22	105-2443	1	Spring-Detent
23	131-1825	2	Plug-ORB
24	121-9249	2	Pin-Dowel
25	133-9149	1	Pin-Groomer
26	353-989	1	Plug-Hex, Hollow
26:1	237-42	1	O-Ring
27	138-1496	1	Spacer
29	105-7004	1	E-Ring
30	140-9299	1	Adapter-Vent
31	133-2359	1	Breather-Vent, Nylon
31:1	133-5659	1	Washer-Rubber



Transmission Assembly No. 140-9327
Reel Drive Assembly

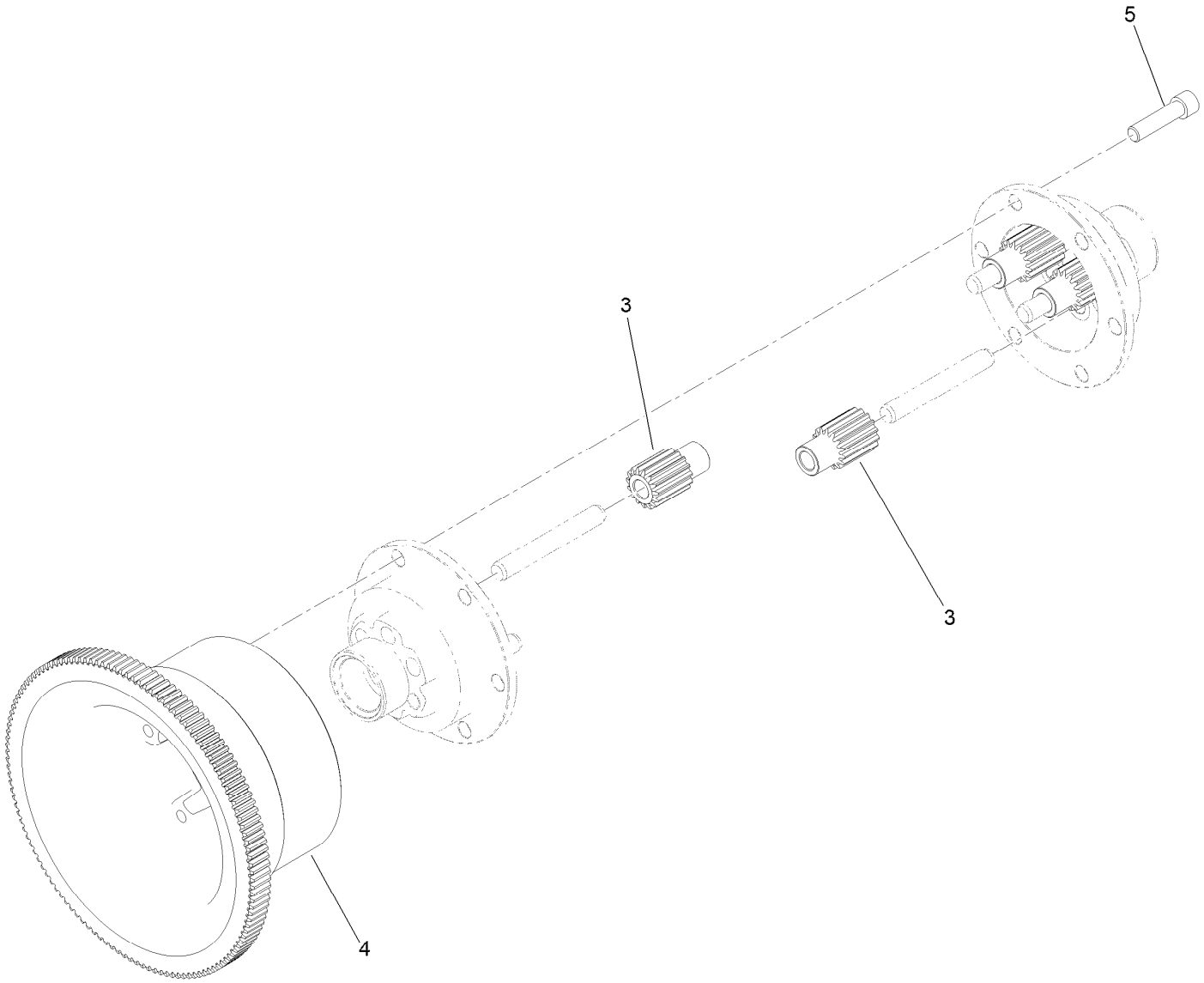
Ref.	Part Number	Qty.	Description
1	161-7361	1	Shaft-Electric Motor, 22T
2	138-1495	1	Nut-Lock, Thin
3	133-4553	2	Spacer-Bearing
4	133-4558	1	Pin-Bearing, Short
5	133-4557	1	Pin-Bearing, Long
6	49-2410	5	Bearing-Ball
7	119-4042	2	Nut-HF, NI
8	80-8460	2	O-Ring
9	138-1506	4	Ring-Retaining, Int (32MM)
10	137-0272	1	Gear-Spur, 60T/65T
11	140-9285	2	Bearing-Ball
12	138-1629	2	Ring-Retaining, EXT (17MM)
13	139-4359	1	Shaft-Drive, Reel
14	130-6834	1	Gear-Spur, Slider
15	133-9120	1	Shoe-Clutch, Reel
16	133-9121	1	Actuator-Clutch, Reel
17	103-2739	2	Key
19	131-3170	1	Spring-Wave
20	137-0273	1	Gear-Spur, 85T
21	161-7385	2	Washer-Fiber



Transmission Assembly No. 140-9327
Traction Drive Assembly

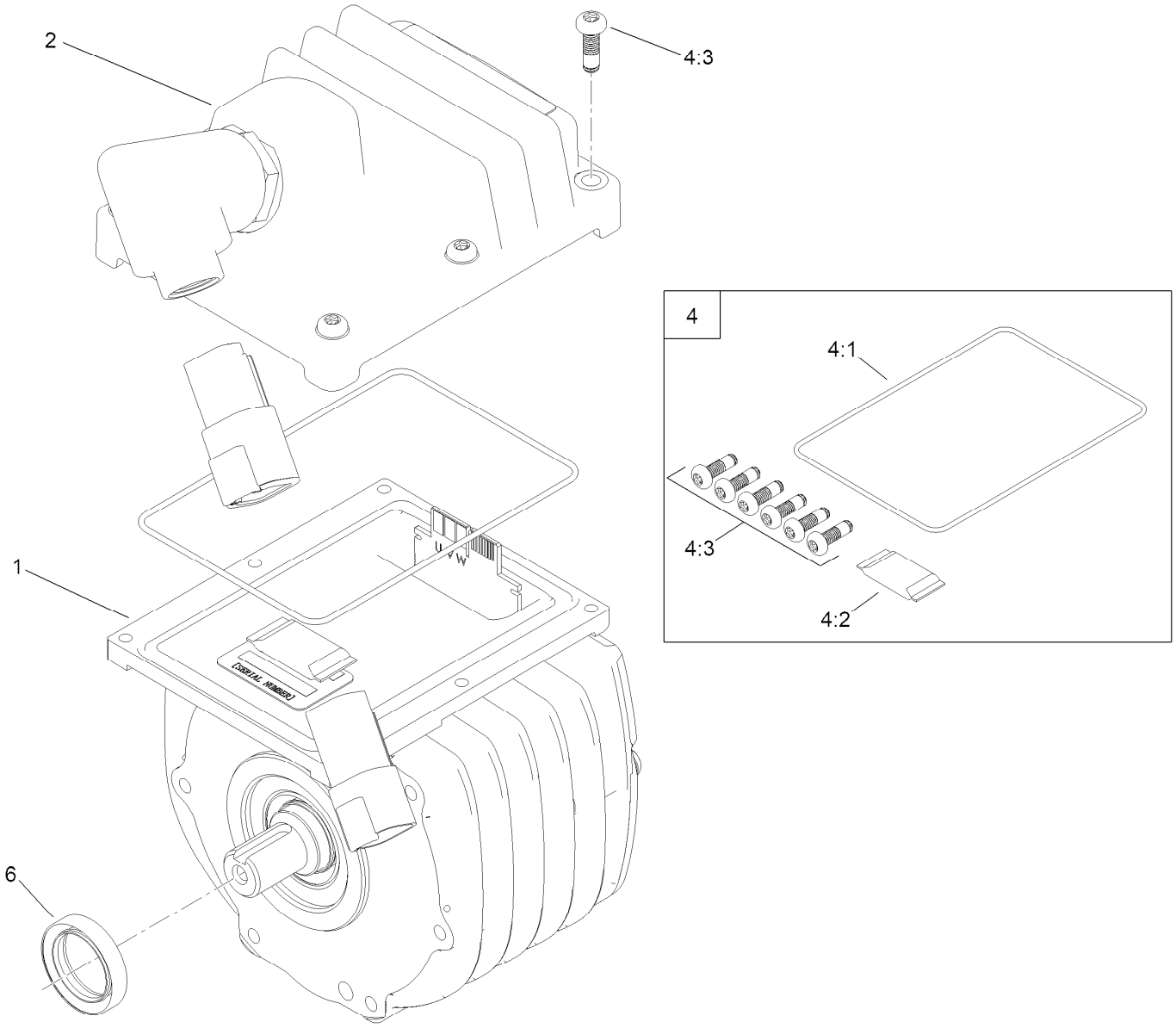
Ref.	*Part Number*	*Qty.*	*Description*
1	49-2410	2	Bearing-Ball
2	251-312	2	Bearing-Ball
3	137-0236	1	Shaft-Slider, Neutral
4	132-4555	1	Differential ASM
5	256-252	2	Bearing-Flange
6	140-9277	1	Band-Brake
7	132-4550	1	Lever-Brake
8	32120-47	1	Ring-Retaining, External
9	115-5258	1	Spring-Wire, Flat
10	32151-36	2	Ring-Retaining
11	237-22	1	O-Ring

Ref.	*Part Number*	*Qty.*	*Description*
13	140-9236	1	Plate-Retainer, Brake
15	120-9687	1	Pin-Clevis, Brake
16	32120-46	1	Ring-Retaining
17	112-5163	1	Washer-Wave
18	140-9279	1	Plate-Retainer, Pin
19	119-1138	2	Screw-HHF,Patch
20	103-2739	2	Key
21	130-6841	2	Shaft-Differential
22	237-159	2	O-Ring
23	137-0276	1	Gear-Spur, Neutral (93T)
24	285-17	1	Plug-Pipe



Differential Assembly No. 132-4555

Ref.	*Part Number*	*Qty.*	*Description*
3	130-6840	6	Gear-Spur, Differential
4	137-0294	1	Gear-Differential, 127T
5	3274-26	6	Screw-HSH

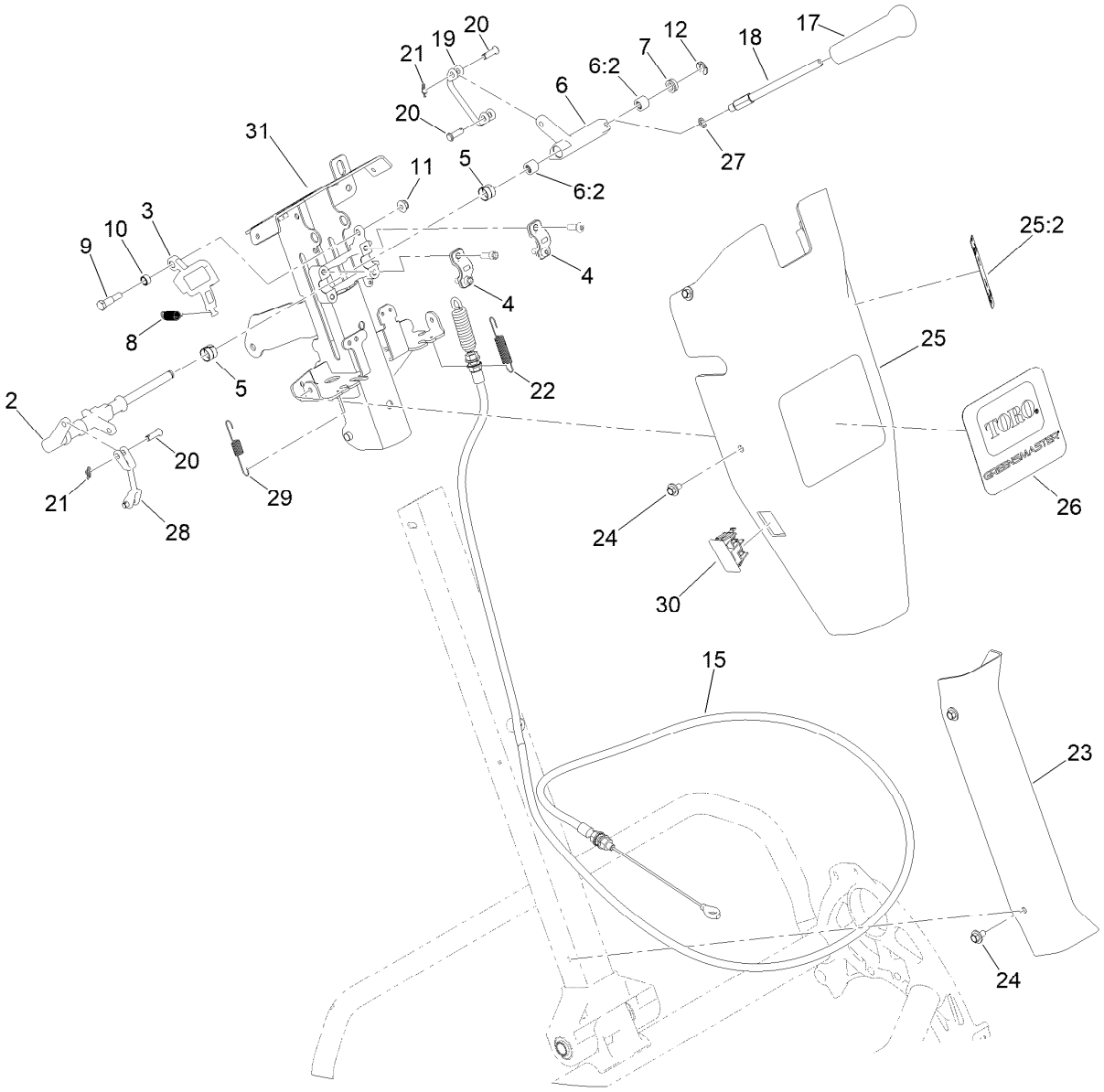


Direct Drive Motor Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	161-0342	1	Rem-Direct Drive
2	161-0343	1	Inverter-Direct Drive
4	144-6731	1	Controller And Motor Service Kit
4:1		1	O-Ring-Formed, Controller ■
4:2		1	Desiccant-Silica Gel, 1/2 Gram ■
4:3	144-6692	6	Screw-Tph
4:4		1	Grease-Dielectric ● ■
6	139-8597	1	Seal-Oil

● Not illustrated

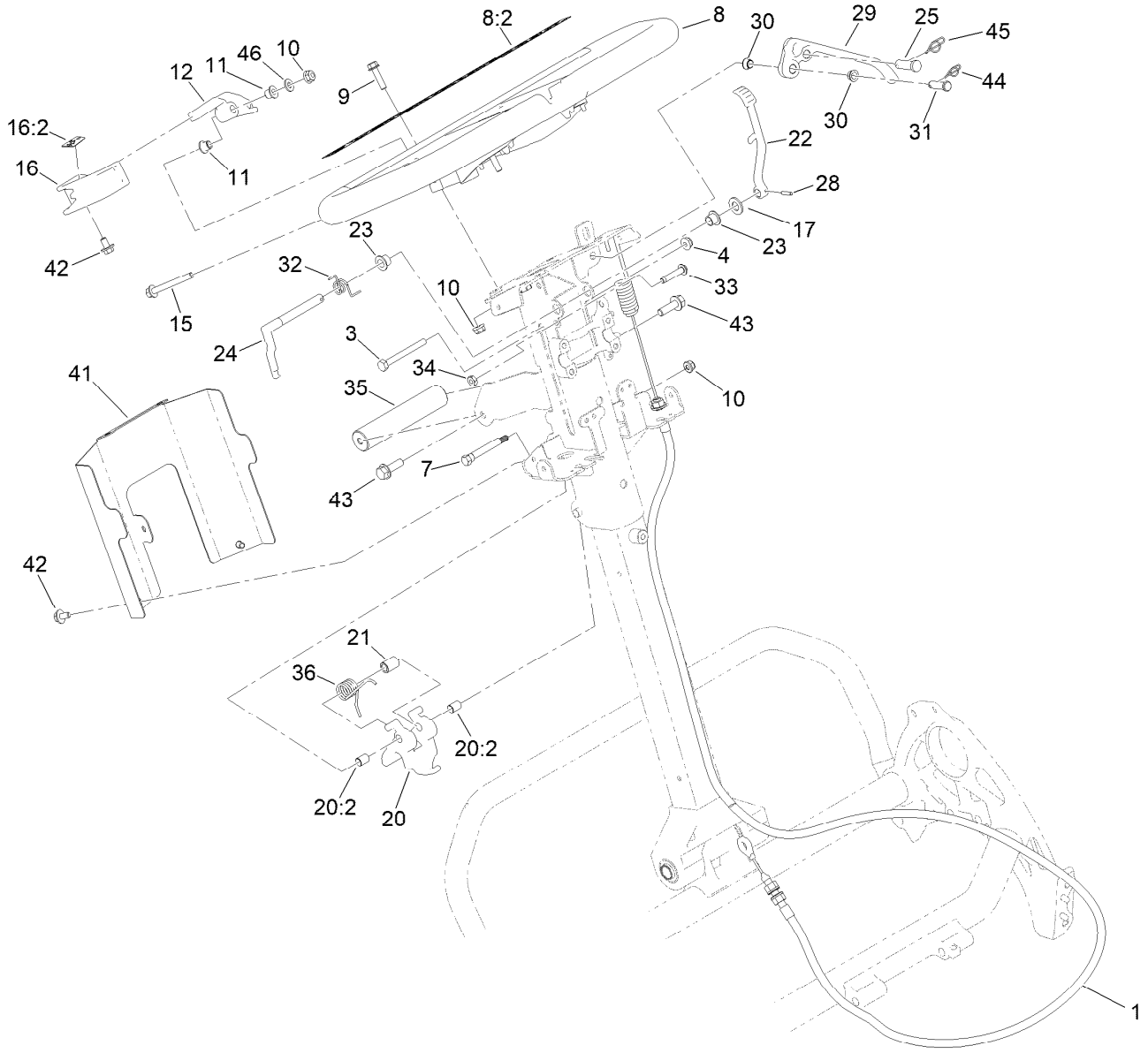
■ Not serviced separately



Reel Controls and Covers Assembly

Ref.	Part Number	Qty.	Description
2	140-9305	1	Shaft-Main, Controls
3	137-0266	1	Cam-Latch, Upper
4	138-1513	2	Clamp-Shaft, Control
5	137-0263	2	Bushing-Split
6	137-0312	1	Reel Lever ASM
6:2	138-1637	2	Bearing-Needle
7	131-3187	1	Seal-V-Ring
8	140-3410	1	Spring-Extension
9	137-0313	1	Screw-Shoulder
10	137-0346	1	Spacer-Latch, Bail
11	104-7201	1	Nut-HF, NI
12	32151-47	1	Ring-Retaining
15	140-9330	1	Cable-Reel Engagement
17	104-9760	1	Knob-Black
18	137-0190	1	Rod-Handle, Reel Lever

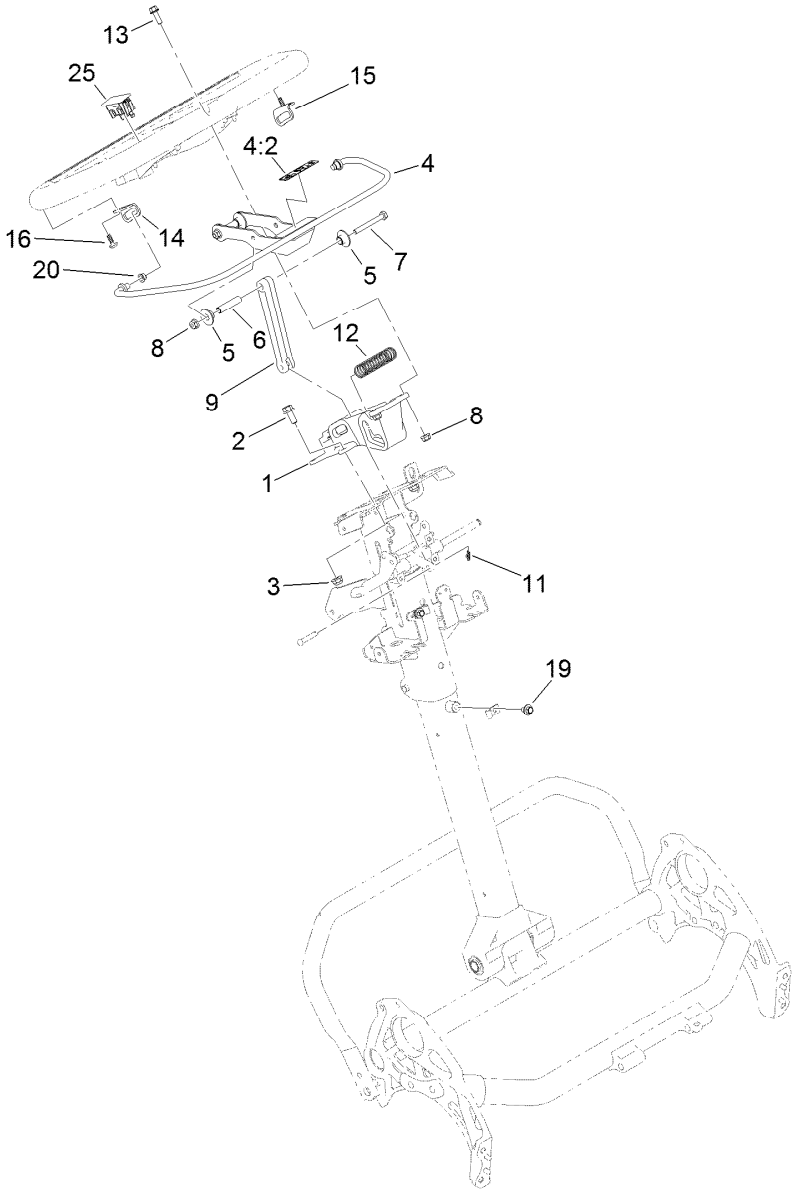
Ref.	Part Number	Qty.	Description
19	137-0232	1	Connector-Clevis
20	1-808265	4	Pin-Clevis
21	138-1587	2	Clip-Pin, Cotter
22	138-1536	1	Spring-Extension
23	138-1479	1	Cover-Handle, Lower
24	46-6810	8	Screw And Washer ASM
25	139-4304	1	Control Upper Cover ASM
25:2	138-1589	1	Decal-Reel Drive Engagement
26	140-3400	1	Decal-Greensmaster E1021
27	75-5470	1	Spacer-Bearing
28	138-1592	1	Connector-Clevis
29	140-3417	1	Spring-Extension
30	119-7791	1	Plug-Hole
31	147-2284-0P	1	Receiver-Upper



Upper Handle Assembly

Ref.	Part Number	Qty.	Description
1	140-9318	1	Cable ASM, Brake
3	321-15	1	Screw-HH
4	104-7201	1	Nut-HF, NI
7	147-2269	1	Cam-Handle, Pivot
8	138-1645	1	Handle ASM
8:2	138-5532	1	Decal-Warning, General
9	120-4654	2	Screw-HHF
10	119-4040	4	Nut-HF, NI
11	138-3538	2	Bushing-Flange
12	138-1636	1	Arm-Throttle
15	140-9317	1	Screw-HHF,Lock
16	139-4303	1	Throttle Lever ASM
16:2	138-5534	1	Decal-Throttle
17	100-4852	1	Washer-Hardened
20	137-0317	1	Handle Adjuster ASM
20:2	137-0308	2	Bushing-Igus
21	140-9335	1	Spacer-Spring
22	140-3377	1	Lever-Lock, Brake
23	138-1514	2	Bushing-Flange

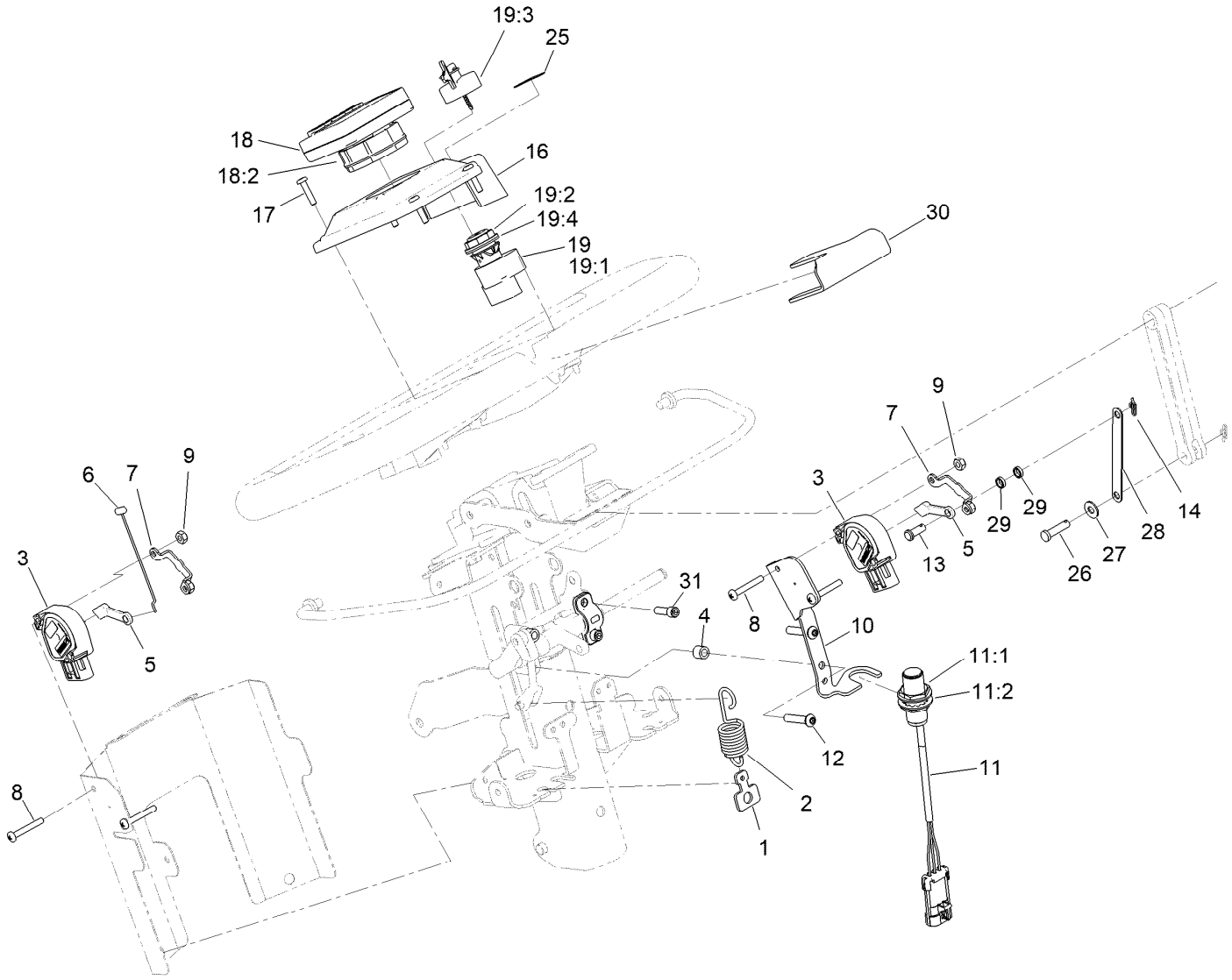
Ref.	Part Number	Qty.	Description
24	138-1573	1	Latch-Brake
25	1-808285	1	Pin-Clevis
28	32121-73	1	Pin-Roll
29	140-9298	1	Lever-Brake
30	138-5538	2	Bushing-Flange
31	283-6	1	Pin-Clevis
32	138-1518	1	Spring-Brake, Torsion
33	132-6777	1	Screw-Twh Thd Roll
34	120-9695	1	Nut-Jam
35	138-1535	1	Handle-Assist, Lift
36	140-9334	1	Spring-Handle, Torsion
41	139-5141-03	1	Cover-Bottom, Controls [black
42	46-6810	3	Screw And Washer ASM
43	115-5142	2	Screw-HHF, Patch
44	116-6639	1	Pin-Cotter, Locking
45	140-9312	1	Pin-Cotter, Locking
46	139-1323	1	Washer-Spcl



Traction Bail Assembly

Ref.	Part Number	Qty.	Description
1	138-5524	1	Mount-Handle
2	3234-47	2	Screw-HHF
3	119-4041	2	Nut-HF
4	139-4302	1	Clutch Bail ASM
4:2	138-5533	1	Decal-Bail, Traction
5	138-3466	4	Bushing-Flange
6	138-3465	2	Spacer-Tube
7	321-18	2	Screw-HH
8	119-4040	4	Nut-HF, NI
9	138-5515	1	Link-Bail, Clutch

Ref.	Part Number	Qty.	Description
11	138-1587	1	Clip-Pin, Cotter
12	138-3468	1	Spring-Compression
13	120-9678	2	Screw-HHF
14	138-3539	1	Bracket-Bail, RH
15	138-3540	1	Bracket-Bail, LH
16	138-5775	2	Screw-Delta Point
19	46-6811	2	Screw-Thd Roll Sems
20	138-5538	2	Bushing-Flange
25	119-7791	1	Plug-Hole

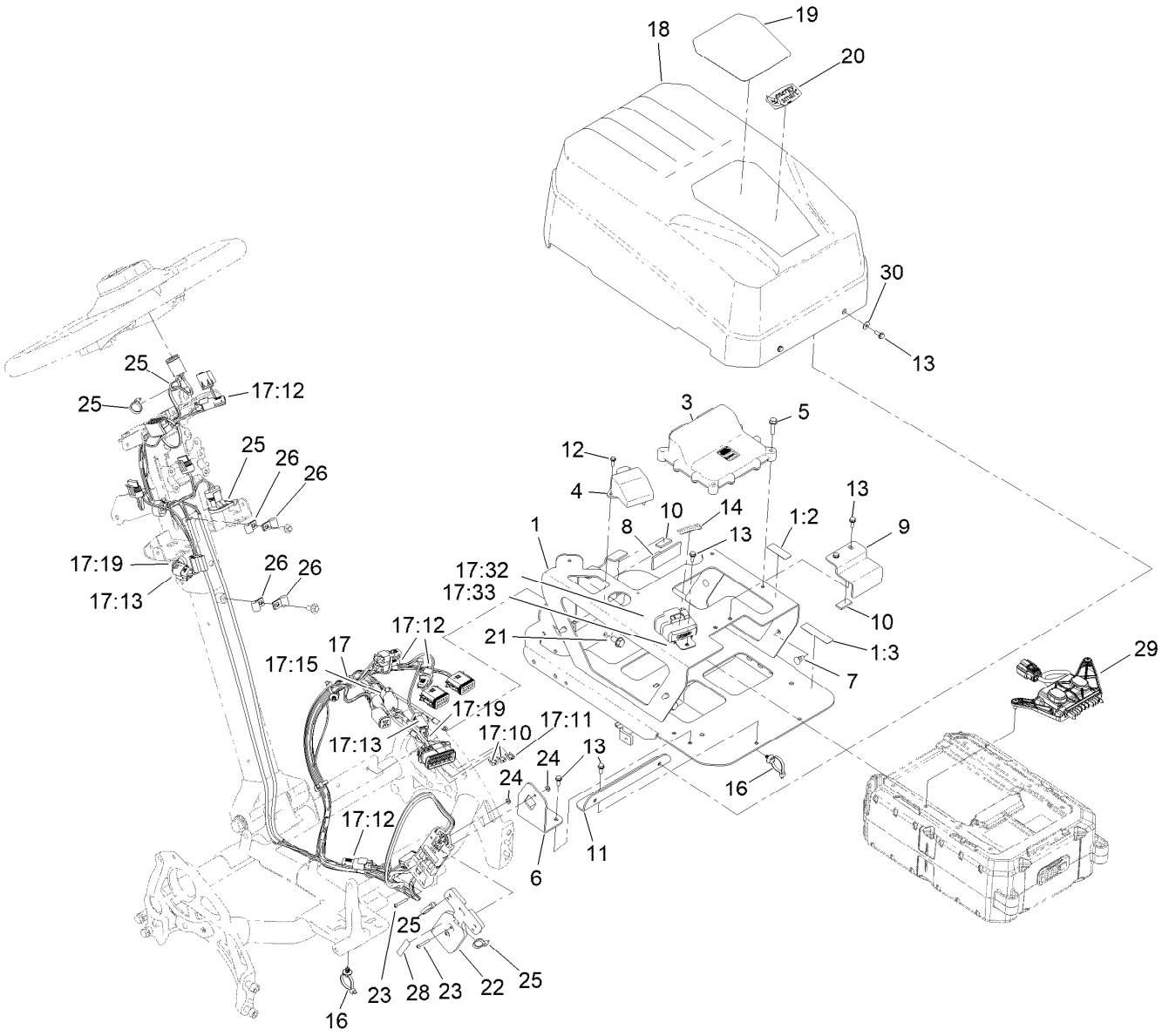


Electric Handle Components Assembly

Ref.	Part Number	Qty.	Description
1	140-9328	1	Tab-Spring
2	140-9300	1	Spring-Extension
3	119-0737	2	Sensor-Position
4	66-8010	2	Spacer
5	139-5147	2	Lever-Bail, Control
6	139-5149	1	Cable-Throttle
7	139-5144	2	Lock
8	104-1452	4	Screw-PPH
9	120-9681	4	Nut-Lock, NI
10	139-5153-0P	1	Mount
11	115-0282	1	Sensor, Proximity Sensor ASM
11:1	117-3207	2	Nut-Hex
11:2	117-3208	2	Washer-Lock, Internal Tooth
12	120-0834	2	Screw-HSBH
13	60-1730	1	Pin-Clevis
14	138-1587	1	Clip-Pin, Cotter

Ref.	Part Number	Qty.	Description
16	139-5151	1	Mount-Infocenter
17	32144-36	4	Screw-PPH
18	161-1700	1	Display-LCD
18:2	161-1723	1	Nut-Display
19	161-7350	1	Ignition Switch ASM
19:1		1	Switch-Ignition ●
19:2	108-8660	1	Nut-Mounting
19:3	106-5270	1	Ignition Key Set
19:4	108-8659	1	Washer-Backup
25	139-5178	1	Decal-On/Off Greensmaster Eflex 1021
26	99-7149	1	Pin-Clevis
27	360-0140	1	Washer-Flat
28	140-3379	1	Link-Shaft, Pot
29	138-5368	2	Spacer
30	139-4386	1	Fork-Catch, Bail
31	140-9233	2	Screw-HSH, Patch

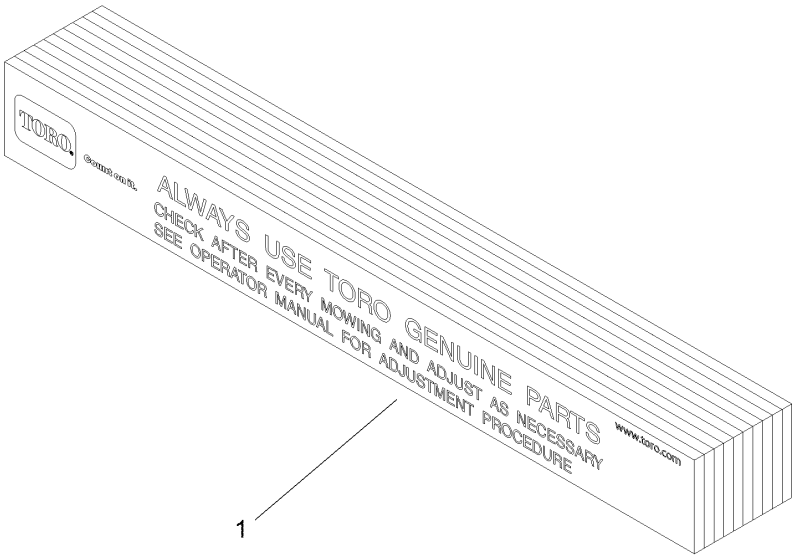
● Not serviced separately

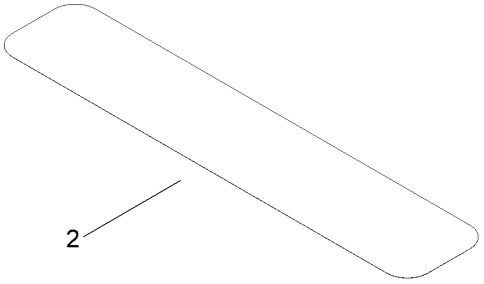


Battery Frame Assembly

Ref.	Part Number	Qty.	Description
1	147-2326	1	Frame ASM-Battery (Service)
1:2	139-5614	1	Decal-Op Manual
1:3	137-9693	1	Decal-Warning
3	122-1683	1	Controller-Tec 2402
4	147-2258	1	Gateway-Can, 250K-500K Baud Rate
5	32144-86	2	Screw-HWHTF
6	147-2267-01	1	Mount-Battery Connect
7	121-4729	4	Plug
8	133-0081	1	Strip-Foam
9	147-2253-0P	1	Bracket-Battery, Hold
10	115-5417	4	Strip-Foam
11	147-2266-01	1	Cover-Mounting ASM [red]
12	32144-87	2	Screw-HWHTF
13	139-1713	11	Screw-Thd Roll
14	147-2319	1	Decal-Fuse Block
16	32180-400	2	Clip-Tie, Fir Tree W/Tie, 5MM/.196" Hole
17	122-3457	1	Harness-Wire, Main
17:10	121-8876	2	Fuse-Mini Blade, 3 Amp

Ref.	Part Number	Qty.	Description
17:11	121-8884	1	Fuse-Mini Blade, 30 Amp
17:12	32180-282	4	Conn, Res, 120 Ohm
17:13	32180-089	2	Cap-Plug, 3 Way
17:15	32180-156	1	Cap-Plug, 6 Way
17:19	32180-139	2	Mount-Tie Wrap, Magnetic
17:32	32180-176	1	Cover-Block, Fuse
17:33	32180-177	1	Clip-Mounting
18	140-9278	1	Cover-Electric
19	139-5180	1	Decal-Lithium
20	119-7580	1	Decal-Smart, Energy
21	3234-7	4	Screw-HHF
22	120-4646	1	Handle-Connector
23	120-9693	3	Screw-PPH
24	120-9684	3	Nut-Lock
25	3290-378	5	Tie-Cable
26	2412-91	4	Clamp
28	147-2310	1	Decal-Voltage, High
29	161-7379	1	Flying Lead-Battery (Briggs)
29	161-7381	1	Kit-Hardware, Flying Lead
30	137-3079	4	Washer-Plain





Miscellaneous Parts Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	125-5610	1	Paper-Reel, Toro (10 Pack)
2	140-5531	1	Shim-Toro Reel (.002In)

Attachments and Accessories

For 04835 — Greensmaster e1021 Greensmower

Product Name	Model/Part
LI-ION Battery Charger, 650W	04066
LI-ION Battery Charger, 900W	04091
Wheel Kit	04123
Light Kit (2019+)	04135
Push Broom Kit, Walk Greensmower (2019+)	04136
CU Light Kit Mount	04138
Wheel Loading Kit, TP200	04219
Rail Loading Kit, TP200	04229
Trans Pro 80 Tow-Behind Trailer	04238
Trans Pro 200	04239
Flat Ramp	04245
Rail Ramp Kit (Update)	04247
Turf Evaluator	04399
8-Blade 21in Fixed Cutting Unit	04832
11-Blade 21in Fixed Cutting Unit	04833
14-Blade 21in Fixed Cutting Unit	04834
Paint-Black Bottle	112-0176
Paint-Red Bottle	112-0178
Wireless Hourmeter	115-4754
Toro Reel Paper (10 Pack)	125-5610
Grease-Synthetic	136-8595
Rail Ramp Kit TP100	138-5011
Retention Kit	139-2683
Retention Straps Kit	139-6477
Shim-Toro Reel (.002in)	140-5531
Cord-AC, 120V	147-6297
Adapter, AC, 250V/10A, EU To UK	147-7791
Adapter, AC, 250V/10A, EU To Australia	147-7792
Cord-AC, JIS	161-7441
Toro Red 12oz Aerosol Can	361-10
Semi-Gloss Black Spray Paint	361-9
Height-of-Cut Bar	94-9010

Notes:

Notes:



Count on it.