Form No. 3448-802 Rev A

TORO®

Count on it.

Parts Catalog

Greensmaster® Flex™ 1018

Traction Unit

Model No. 04850—Serial No. 409300000 and Up

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

CE

3448-802 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.

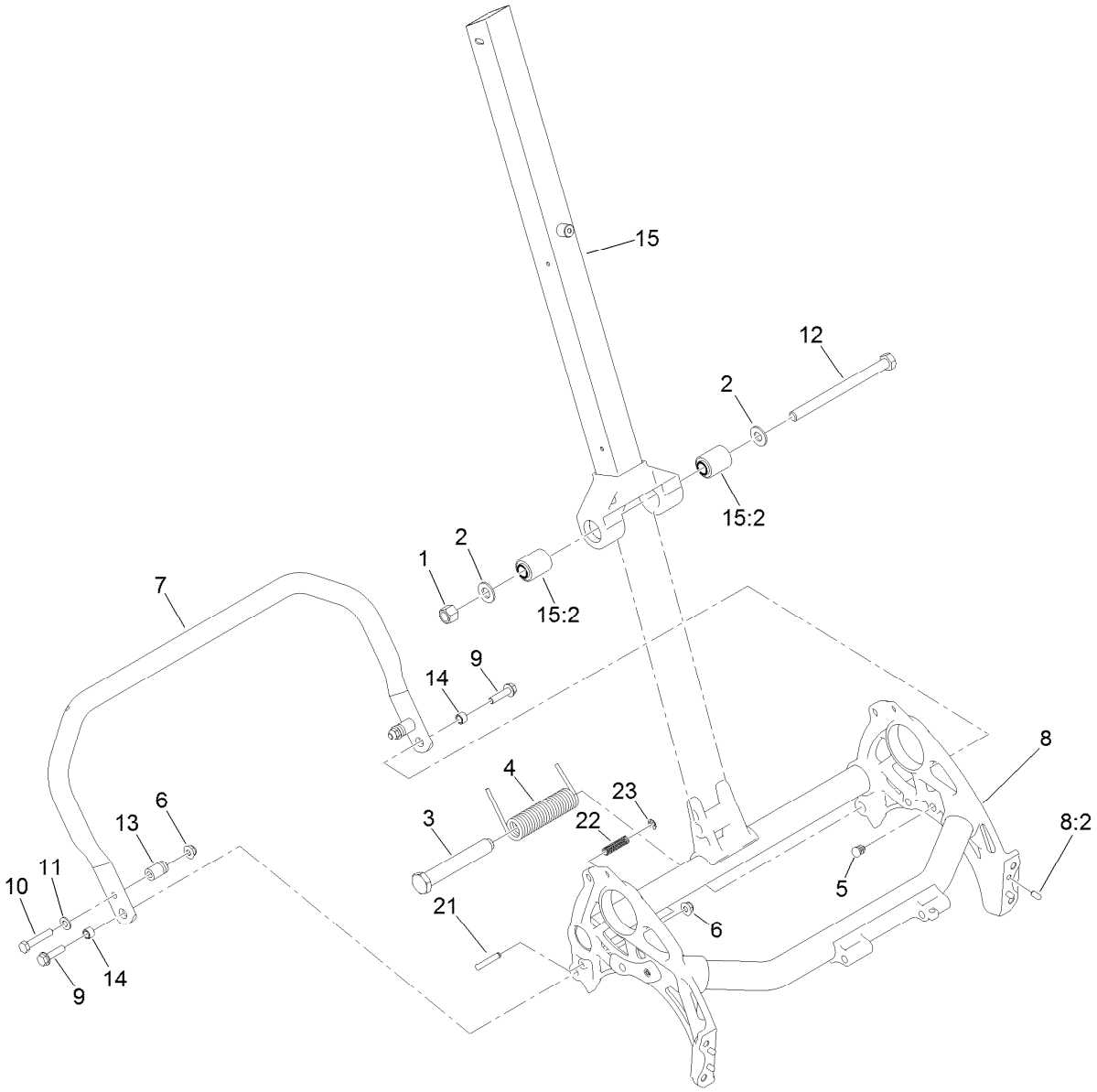
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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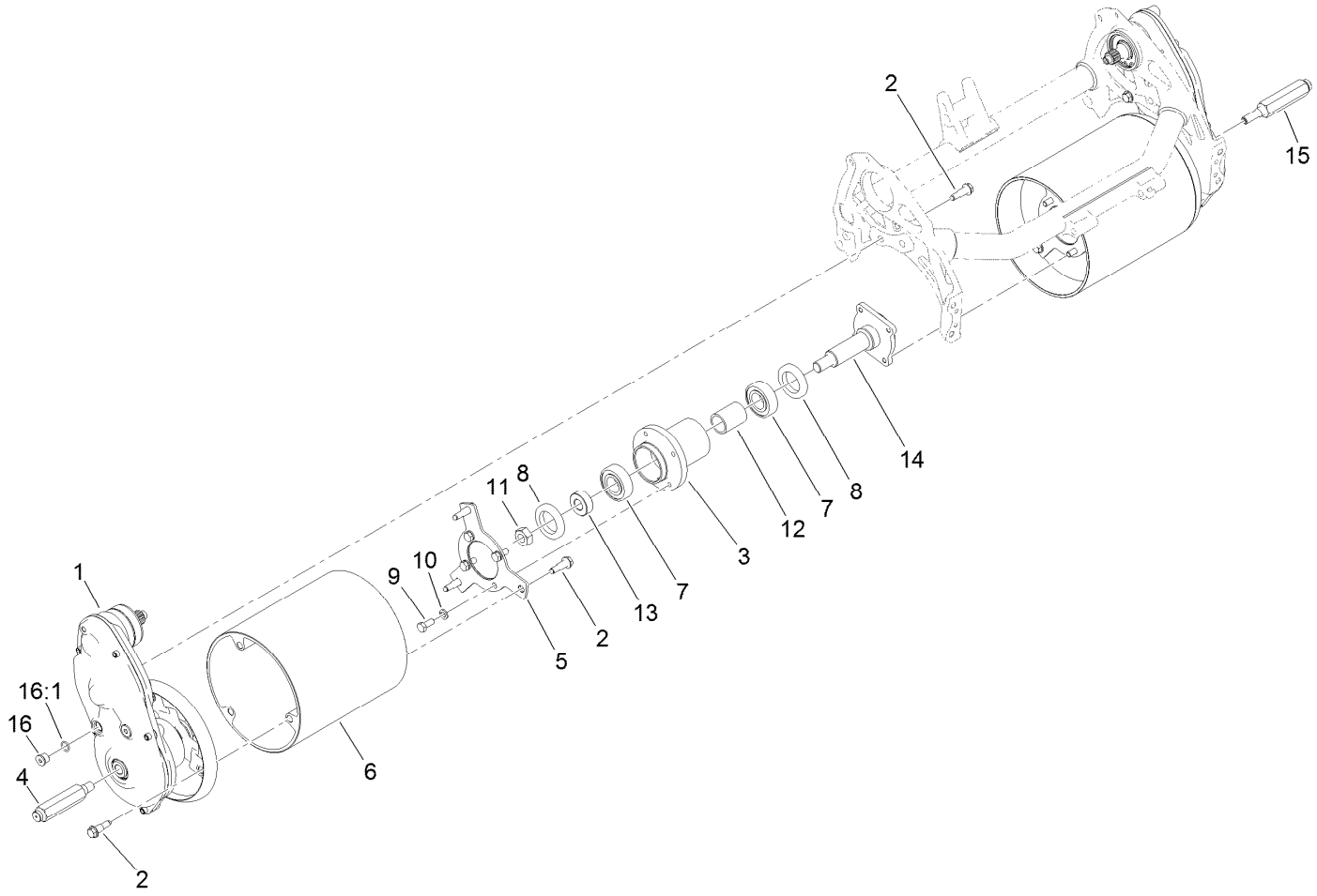
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Frame and Handle Mount Assembly

Ref.	Part Number	Qty.	Description
1	3296-23	1	Nut-Lock, NI
2	3256-26	2	Washer-Flat
3	138-1510	1	Pin-Mount, Spring
4	138-1459	1	Spring-Torsion, LH
5	139-4326	2	Plug-Plastic
6	119-4041	3	Nut-HF
7	138-1576-03	1	Kickstand-18 Inch
8	138-1646	1	18 Inch Frame ASM
8:2	95-0715	4	Pin-Dowel
9	112-6913	2	Screw-HHF

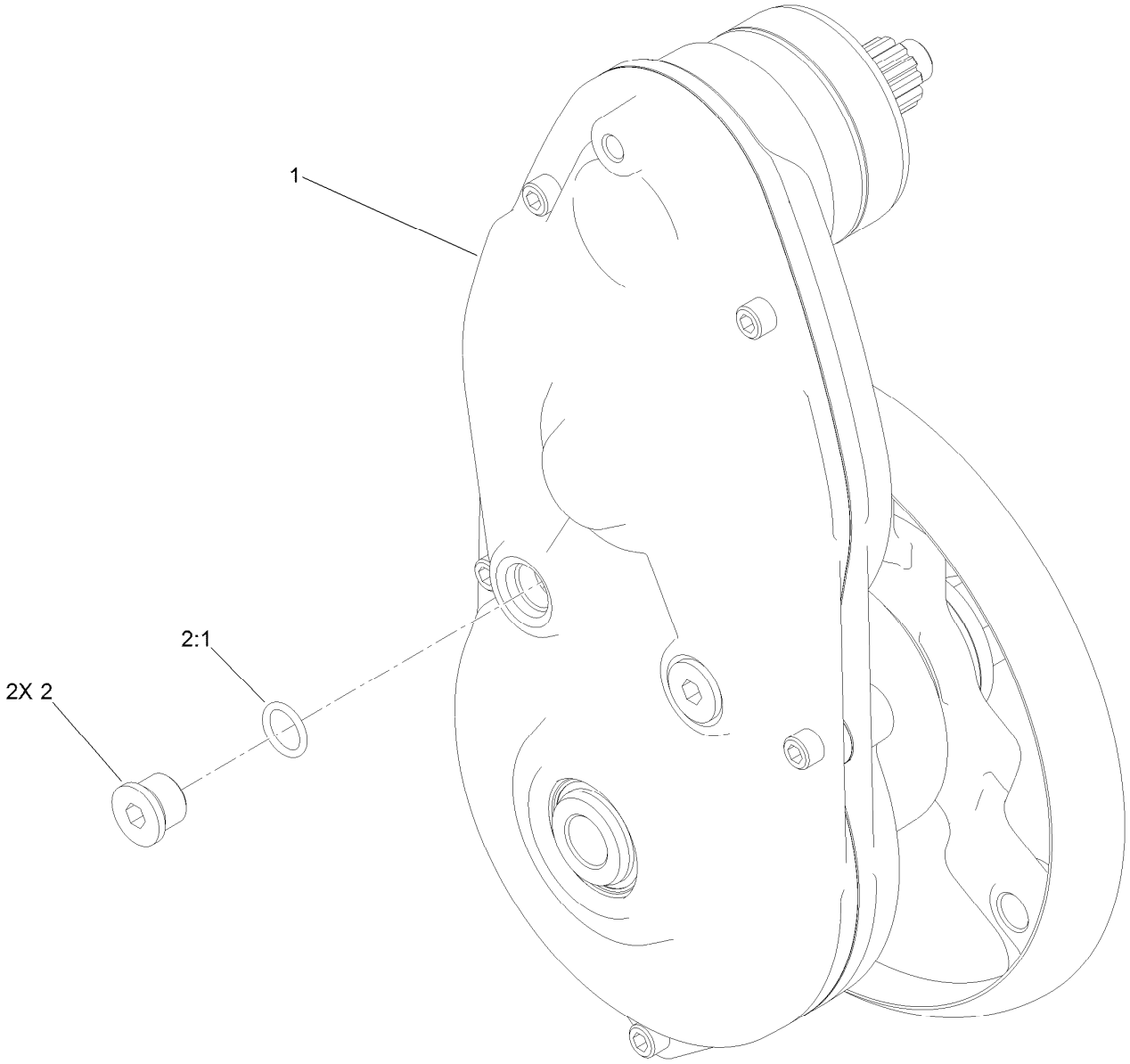
Ref.	Part Number	Qty.	Description
10	322-9	2	Screw-HH
11	3256-23	2	Washer-Plain
12	325-33	1	Screw-HH
13	65-7900	2	Retainer-Spring
14	65-7910	2	Spacer
15	137-0292	1	Lower Handle ASM
15:2	138-1469	2	Bushing-Straight
21	139-7431	1	Pin-Kickstand, Lock
22	73-3450	1	Spring-Compression
23	32151-86	1	E-Ring



Drum Drive Assembly

Ref.	Part Number	Qty.	Description
1	140-9329	1	Kit-Drum Drive Replacement
2	132-4607	14	Bolt-Shoulder, Flange
3	132-6971	1	Hub-Drum
4	132-4605	1	Shaft-Hex, RH
5	140-9319	2	Plate-Drum, Hub
6	139-4364	2	Drum-Traction, Flex
7	251-82	2	Bearing-Ball
8	253-159	2	Seal

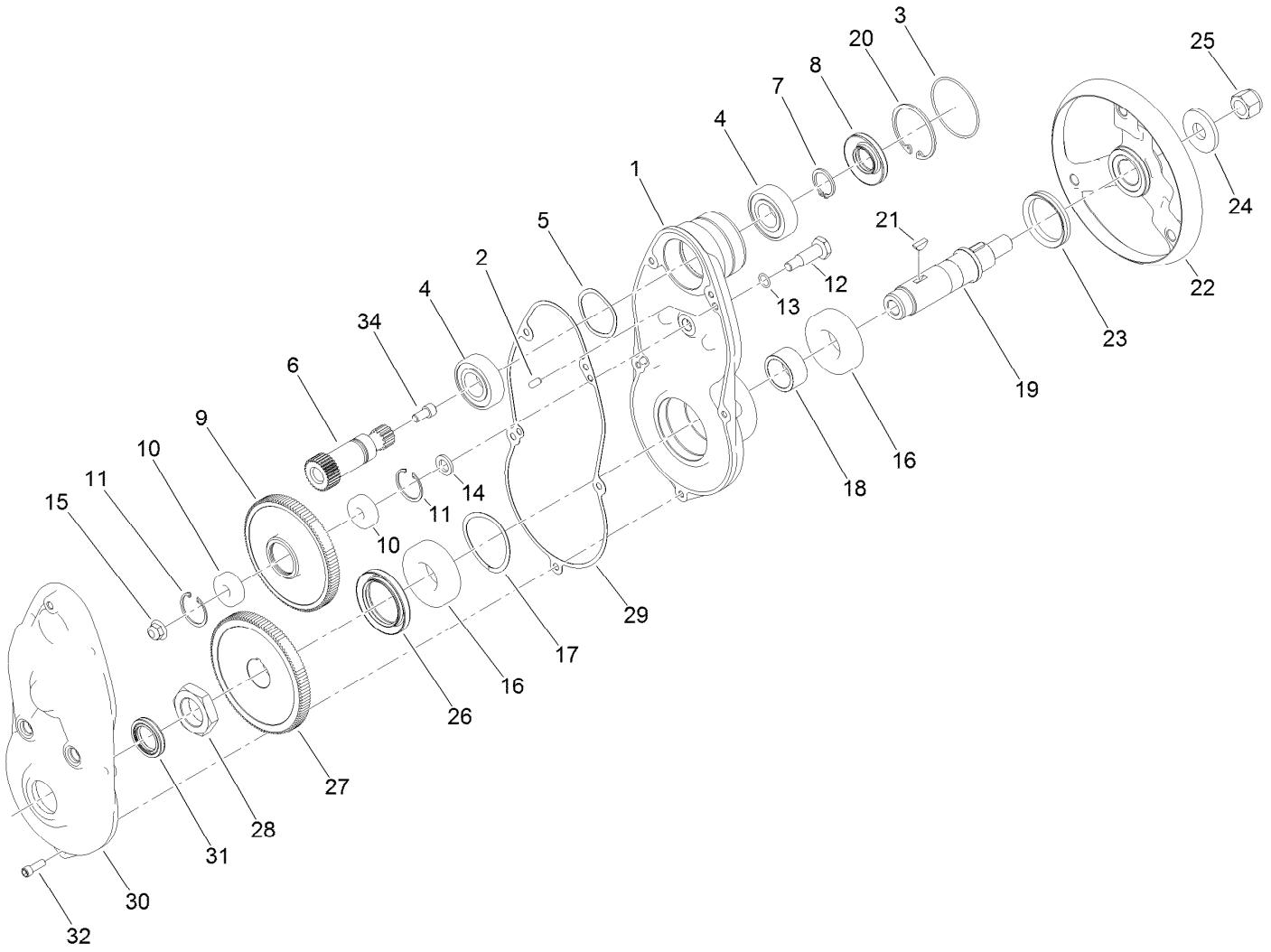
Ref.	Part Number	Qty.	Description
9	322-3	8	Screw-HH
10	3253-4	8	Washer-Lock
11	3296-33	1	Nut-Lock, NI
12	65-6520	1	Spacer
13	65-6530	1	Spacer
14	94-5850	1	Spindle-Drum
15	132-4606	1	Shaft-Hex, LH
16	353-989	4	Plug-Hex, Hollow
16:1	237-42	1	O-Ring



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

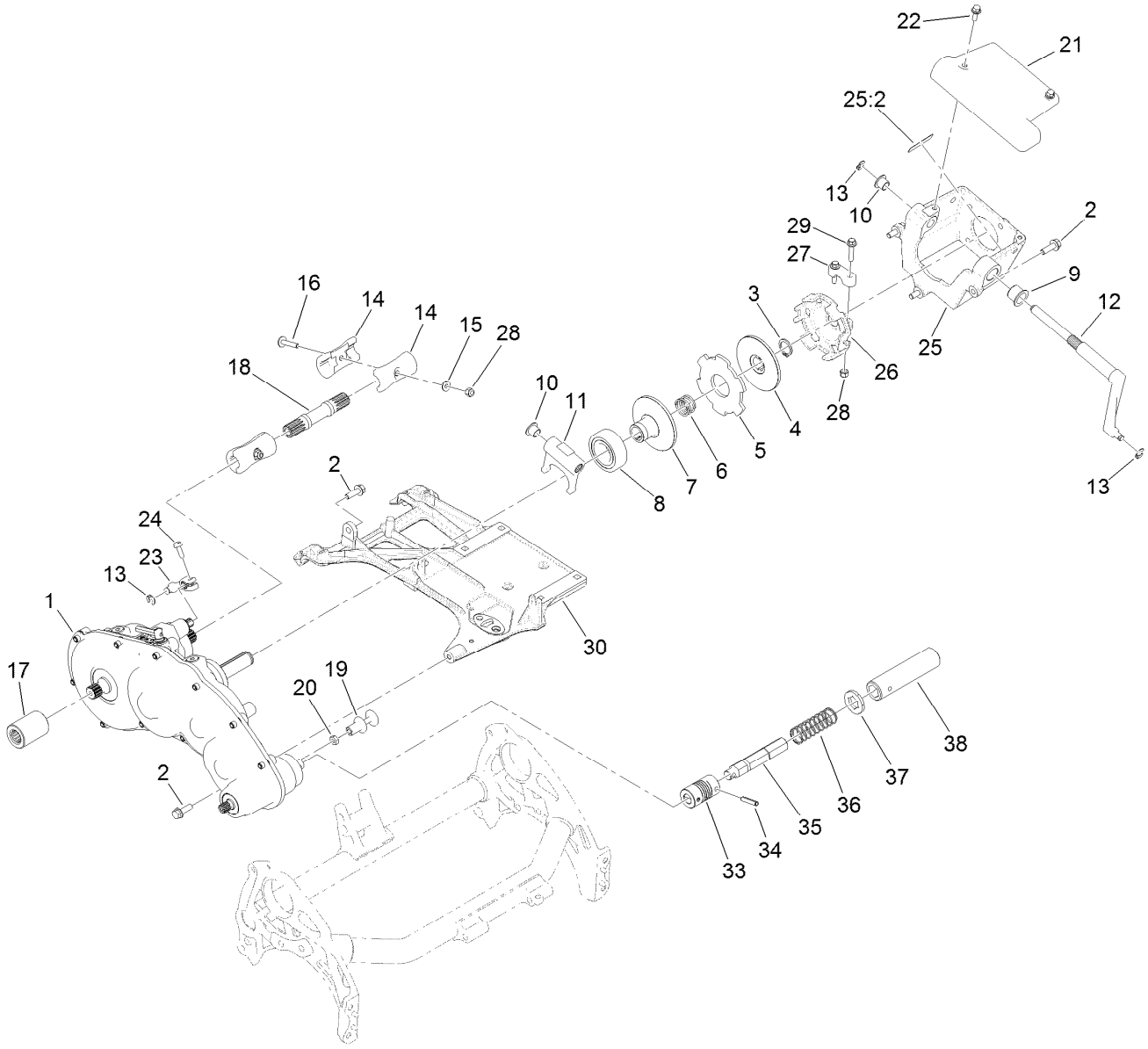
● Not serviced separately



Drum Drive Gearbox Assembly

Ref.	Part Number	Qty.	Description
1	137-0282	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

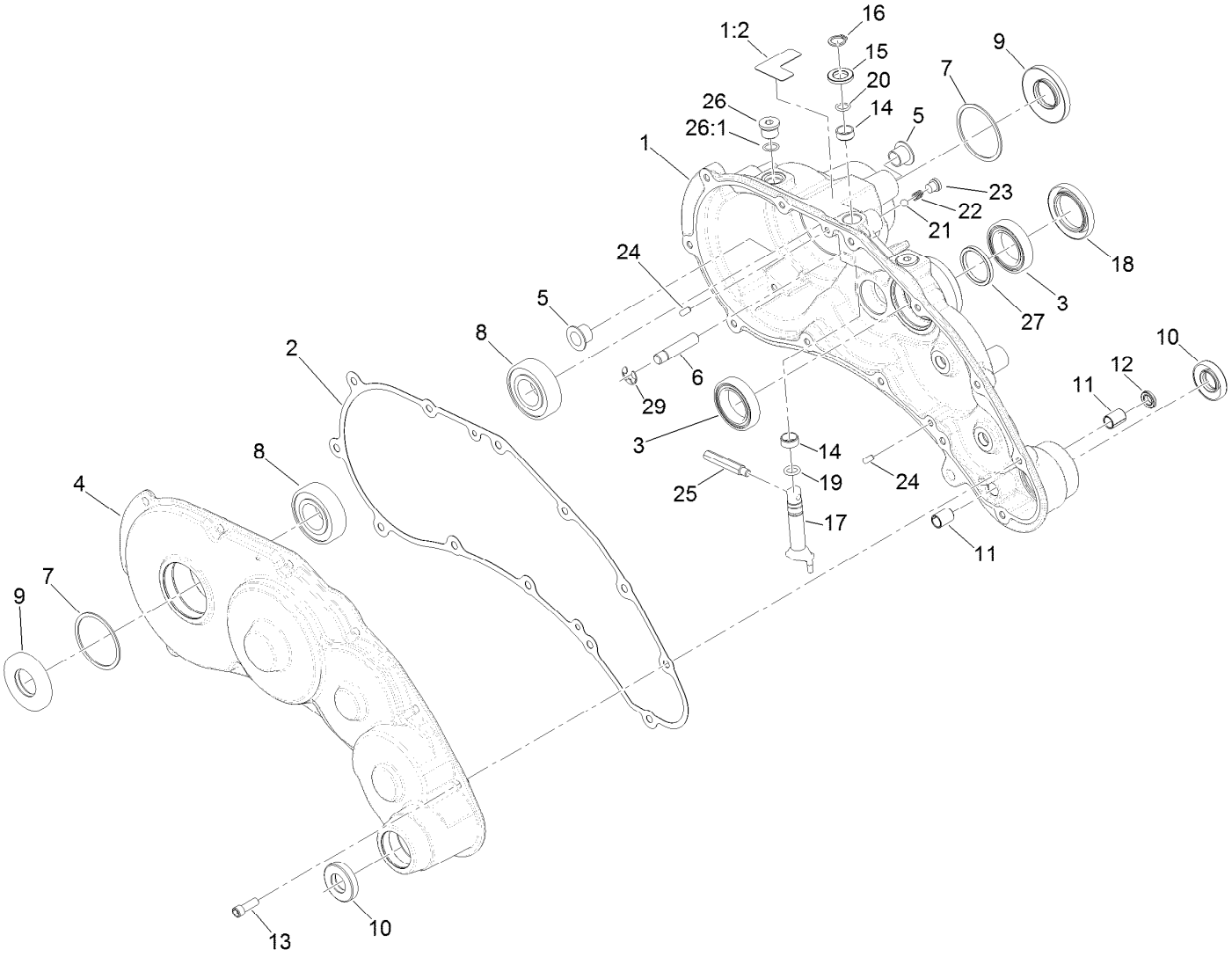
Ref.	Part Number	Qty.	Description
17	115-5258	1	Spring-Wire, Flat
18	132-4568	1	Spacer
19	133-4562	1	Shaft-Drum, Drive
20	138-1480	1	Ring-Retaining, Int (52MM)
21	138-1504	2	Key-Woodruff, 5MM
22	133-9244	1	Hub-Drum, Outer
23	253-161	1	Seal-V-Ring
24	104-9216	1	Washer-Hardened
25	126-3841	1	Nut-Hex, NI
26	138-1490	1	Seal-Oil
27	137-0275	1	Gear-Spur, 114T
28	133-9078	1	Nut-Hex
29	132-4569	1	Gasket-Drive, Drum
30	137-0284	1	Cover-Drive, Drum
31	133-4559	1	Seal-Oil
32	140-9233	5	Screw-HSH
34	3274-12	1	Screw-HSH



Transmission Assembly

Ref.	Part Number	Qty.	Description
1	140-9324	1	Kit-Transmission Replacement
2	115-5142	5	Screw-HHF
3	32151-33	1	Ring-Retaining, EXT
4	133-9095	1	Disc-Clutch
5	133-9094	1	Plate-Friction
6	133-9123	1	Spring-Compression, Clutch
7	138-1508	1	Disc-Clutch, Slider
8	138-1505	1	Bearing-Sealed, Self Aligning
9	132-4089	1	Bushing
10	125-5239	2	Bushing-Flange
11	138-3548	1	Fork-Clutch
12	138-3549	1	Shaft-Fork
13	32151-47	3	Ring-Retaining
14	133-9100	4	Coupler-Splined, 4 Tooth
15	119-8952	2	Washer
16	126-8232	2	Screw-Truss
17	138-1615	1	Tube-Drive
18	139-4327	1	Shaft-Drive, 18 Inch

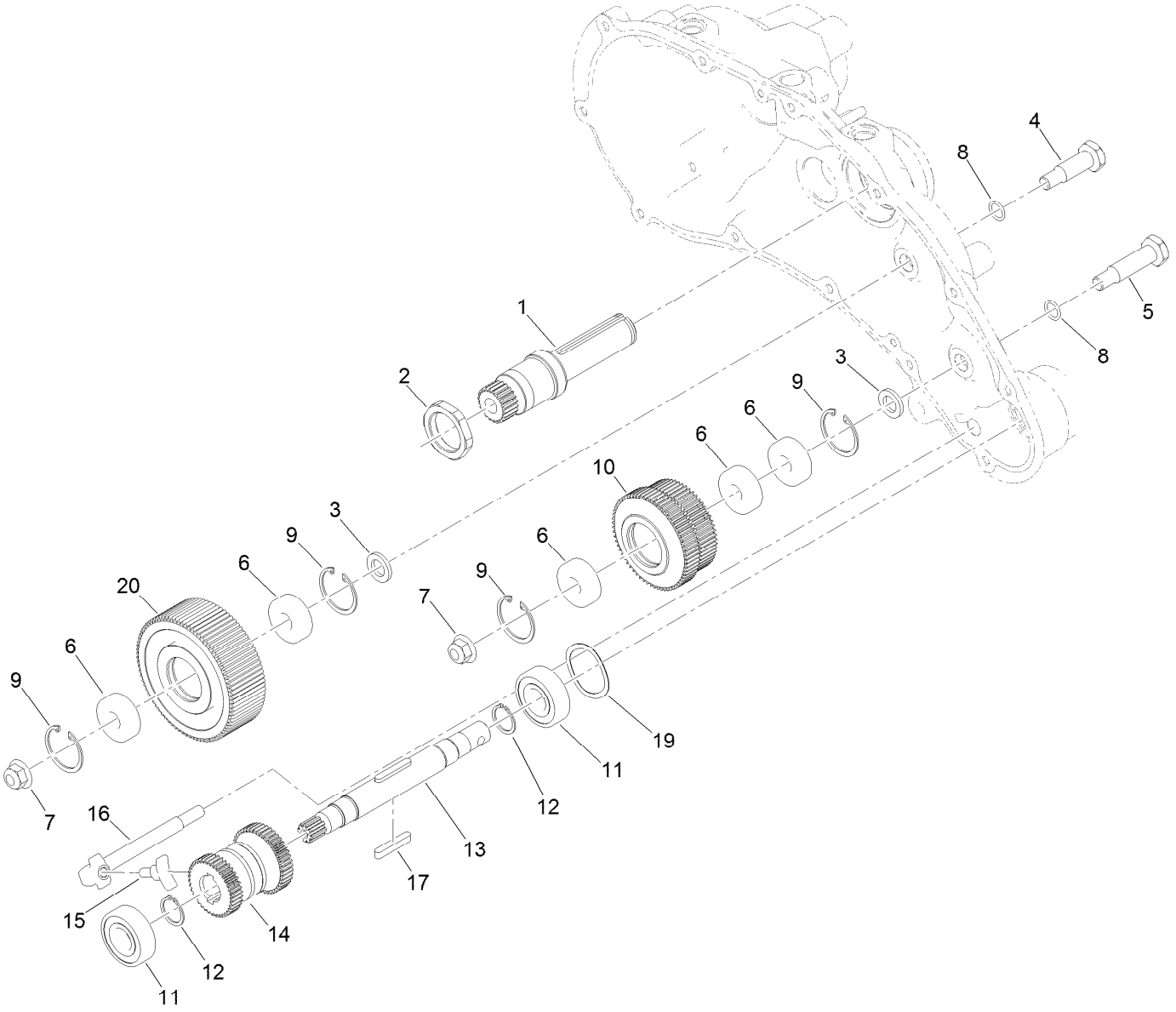
Ref.	Part Number	Qty.	Description
19	133-9207	1	Adapter-Slider
20	120-9638	1	Nut-Jam
21	138-5545	1	Cover-Clutch
22	120-9678	2	Screw-HHF
23	133-9117	1	Lever-Brake, Cable
24	131-6150	1	Screw-HWHTF
25	139-4301	1	Bell Housing ASM
25:2	120-9570	1	Decal-Warning
26	138-3542	1	Hub-Clutch, External
27	138-5522	1	Clamp-Hub, Clutch
28	3296-42	4	Nut-Lock, NI
29	127-8639	2	Screw-HHF
30	138-5517	1	Base-Engine
33	133-2341	1	Coupling-Helical
34	125-3542	2	Pin-Spring
35	139-7399	1	Shaft-Coupler
36	140-3407	1	Spring-Compression, Coupler
37	139-7391	1	Collar-Lock
38	110-2390	1	Tube-Hex



Transmission Gearbox Assembly No. 140-9324
Transmission Case Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	139-4306	1	Transmission Housing ASM
1:2	138-1644	1	Decal-Release, Traction
2	132-4551	1	Gasket-Transmission
3	121-9281	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
14	121-4738	2	Bushing-Straight

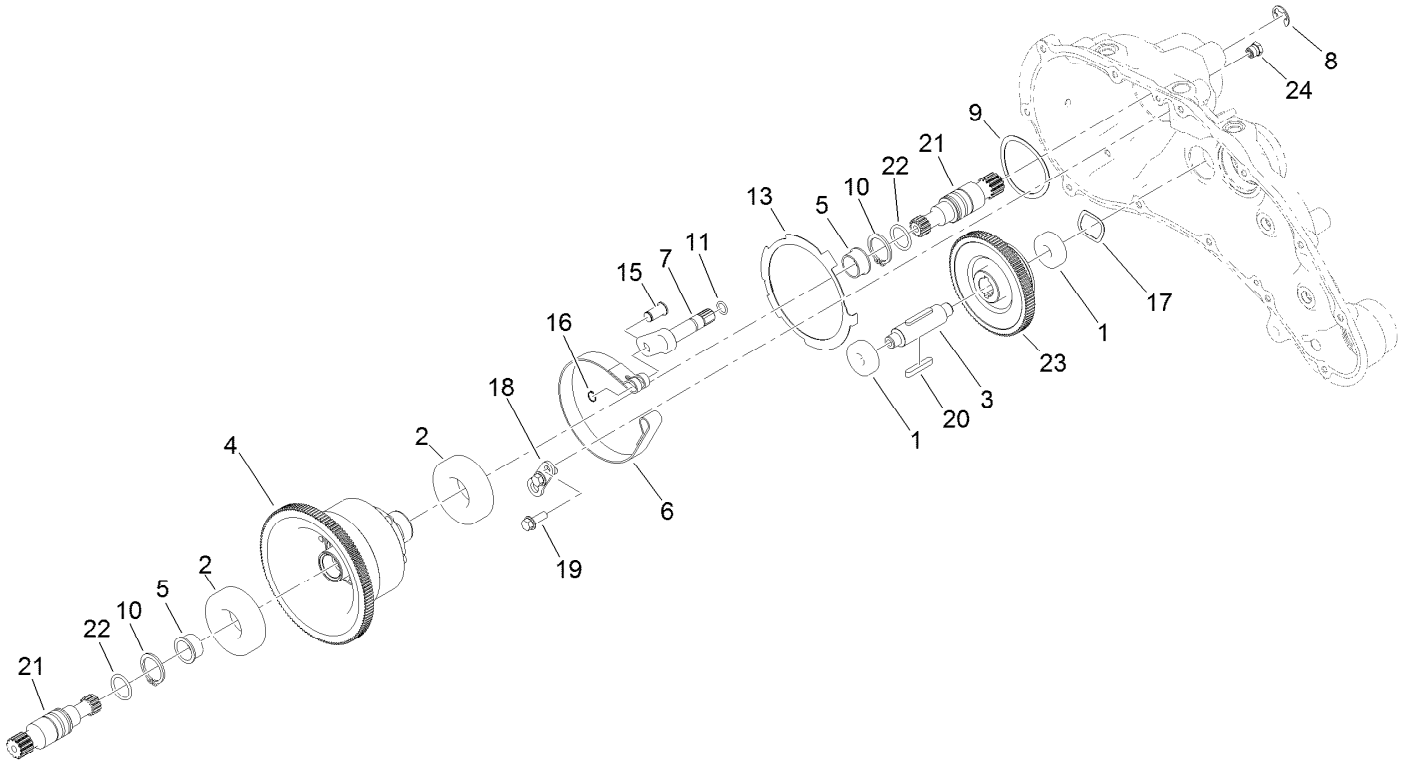
Ref.	*Part Number*	*Qty.*	*Description*
15	108-5059	1	Spacer-Bushing
16	32151-61	1	Ring-Retaining
17	130-6816	1	Shaft-Selector, Traction
18	140-9325	1	Seal-Grease, High Temp
19	131-1879	1	O-Ring Seal
20	237-22	1	O-Ring
21	105-2442	1	Ball-Detent
22	105-2443	1	Spring-Detent
23	131-1825	2	Plug-ORB
24	121-9249	2	Pin-Dowel
25	133-9149	1	Pin-Groomer
26	353-989	2	Plug-Hex, Hollow
26:1	237-42	1	O-Ring
27	138-1496	1	Spacer
29	105-7004	1	E-Ring



Transmission Gearbox Assembly No. 140-9324
Reel Drive Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	138-1509	1	Shaft-Input, 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	104-8301	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

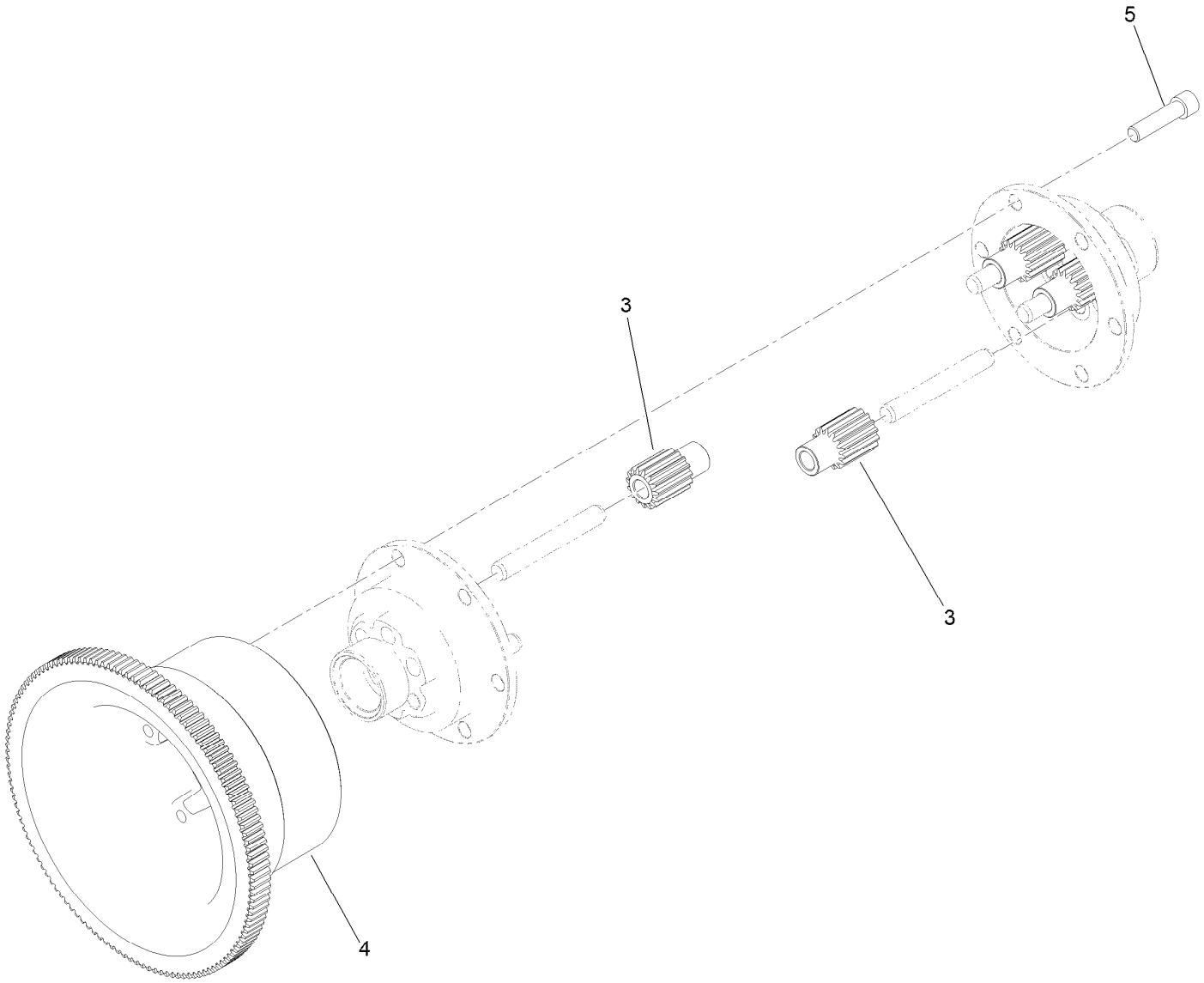
Ref.	*Part Number*	*Qty.*	*Description*
11	38-7820	2	Bearing-Ball
12	138-1629	2	Ring-Retaining, EXT (17MM)
13	139-4359	1	Shaft-Drive, Reel
14	130-6834	1	Gear-Spur, Slider
15	133-9120	1	Shoe-Clutch, Reel
16	133-9121	1	Actuator-Clutch, Reel
17	103-2739	2	Key
19	131-3170	1	Spring-Wave
20	137-0273	1	Gear-Spur, 85T



Transmission Gearbox Assembly No. 140-9324
Traction Drive Assembly

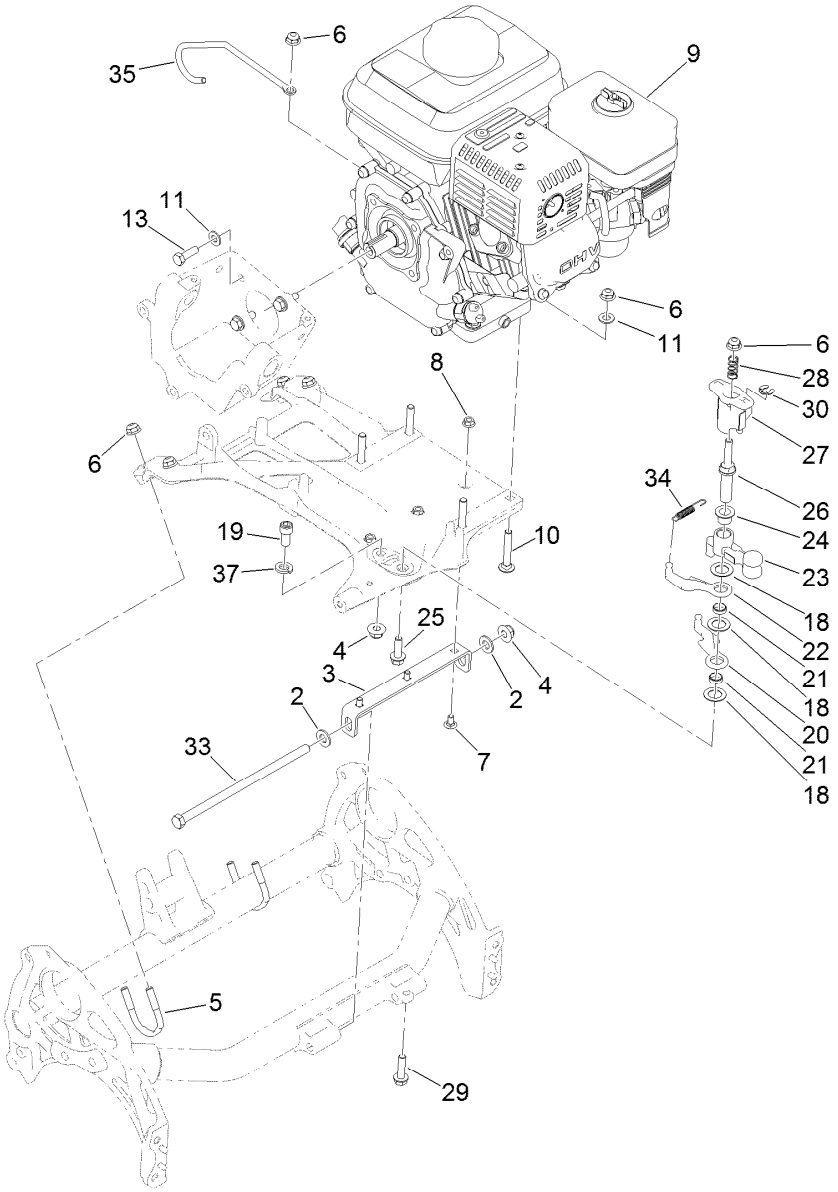
Ref.	*Part Number*	*Qty.*	*Description*
1	49-2410	2	Bearing-Ball
2	251-312	2	Bearing-Ball
3	137-0236	1	Shaft-Slider, Neutral
4	132-4555	1	Differential ASM
5	256-252	2	Bearing-Flange
6	140-9277	1	Band-Brake
7	132-4550	1	Lever-Brake
8	32120-47	1	Ring-Retaining, External
9	115-5258	1	Spring-Wire, Flat
10	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-HWH
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	133-4589	1	Fitting-Plug



Differential Assembly No. 132-4555

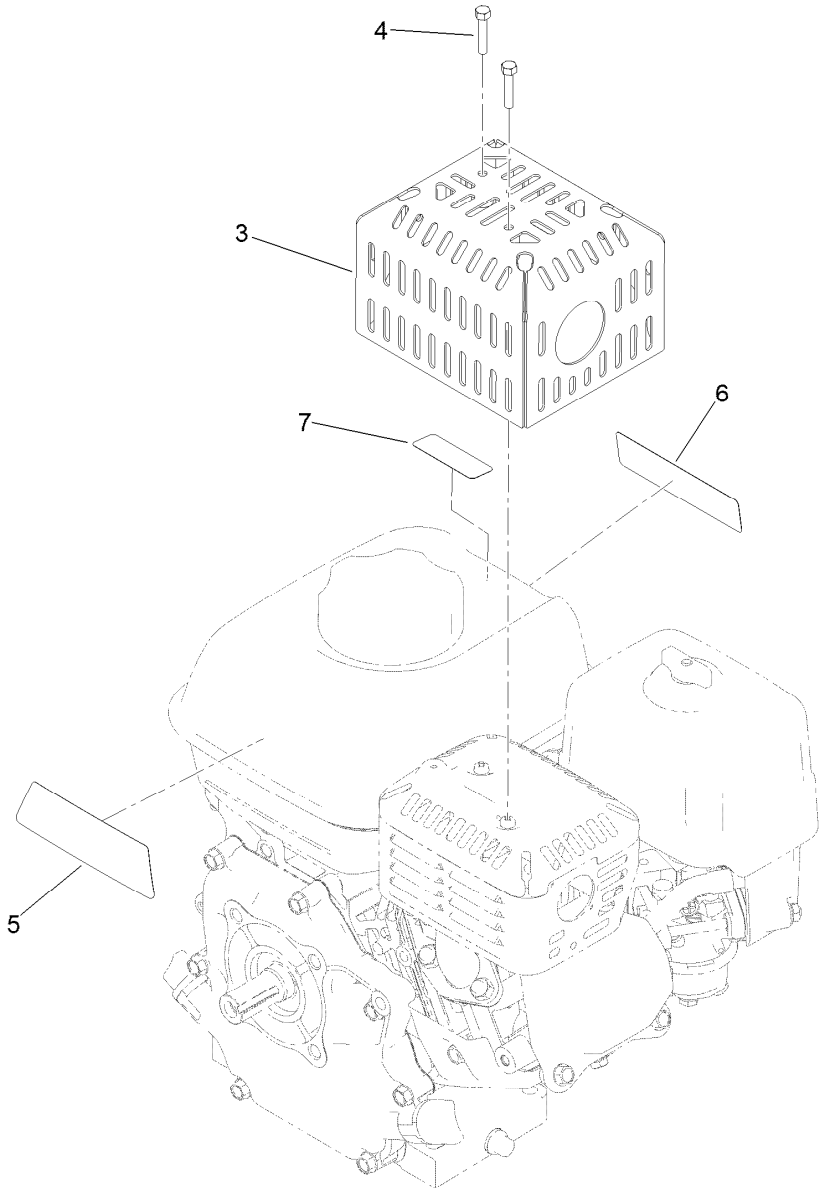
Ref.	*Part Number*	*Qty.*	*Description*
3	130-6840	6	Gear-Spur, Differential
4	137-0294	1	Gear-Differential, 127T
5	3274-26	6	Screw-HSH



Engine Assembly

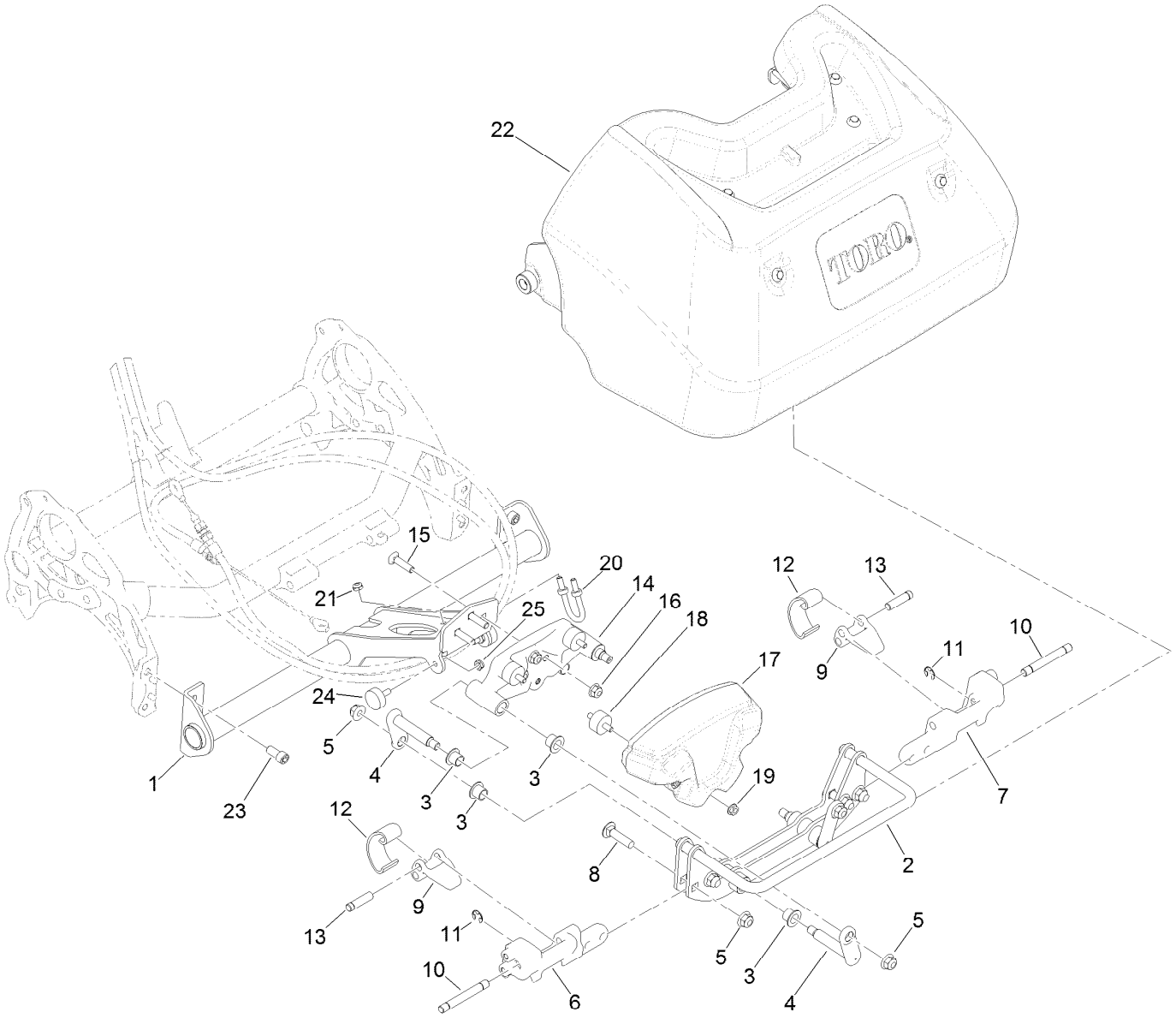
Ref.	Part Number	Qty.	Description
2	3256-24	2	Washer-Flat
3	138-1623-01	1	Bracket-Mount, Engine
4	119-4042	2	Nut-HF, NI
5	137-0301	2	Clamp-Tube
6	119-4041	9	Nut-HF
7	116-5611	3	Bolt-Carriage 1/4-20 X 1/2 Short Neck
8	32128-10	3	Nut-Lock, HHF
9	138-2142	1	Engine ASM ●
10	3230-6	4	Bolt-CARR
11	3256-23	8	Washer-Plain
13	131-5919	4	Screw-HH, Patch
18	139-7362	3	Washer-Poly
19	131-8573	1	Screw-HSH
20	138-1523	1	Reel Lever
21	133-9226	2	Bushing-Straight
22	138-1524	1	Lever-Reel
23	133-9206	1	Bellcrank-Reel
24	125-5239	1	Bushing-Flange
25	115-5142	1	Screw-HHF
26	137-0298	1	Shaft-Selector, Reel
27	137-0299	1	Hub-Selector, Reel
28	117-1031	1	Spring-Compression
29	112-6913	1	Screw-HHF
30	32151-47	1	Ring-Retaining
33	323-30	1	Screw-HH
34	119-4609	1	Spring-Extension
35	139-4309	1	Guide-Cable
37	3253-21	1	Washer-Lock

● Obtain parts from www.honda-engines.com



Engine Assembly No. 138-2142

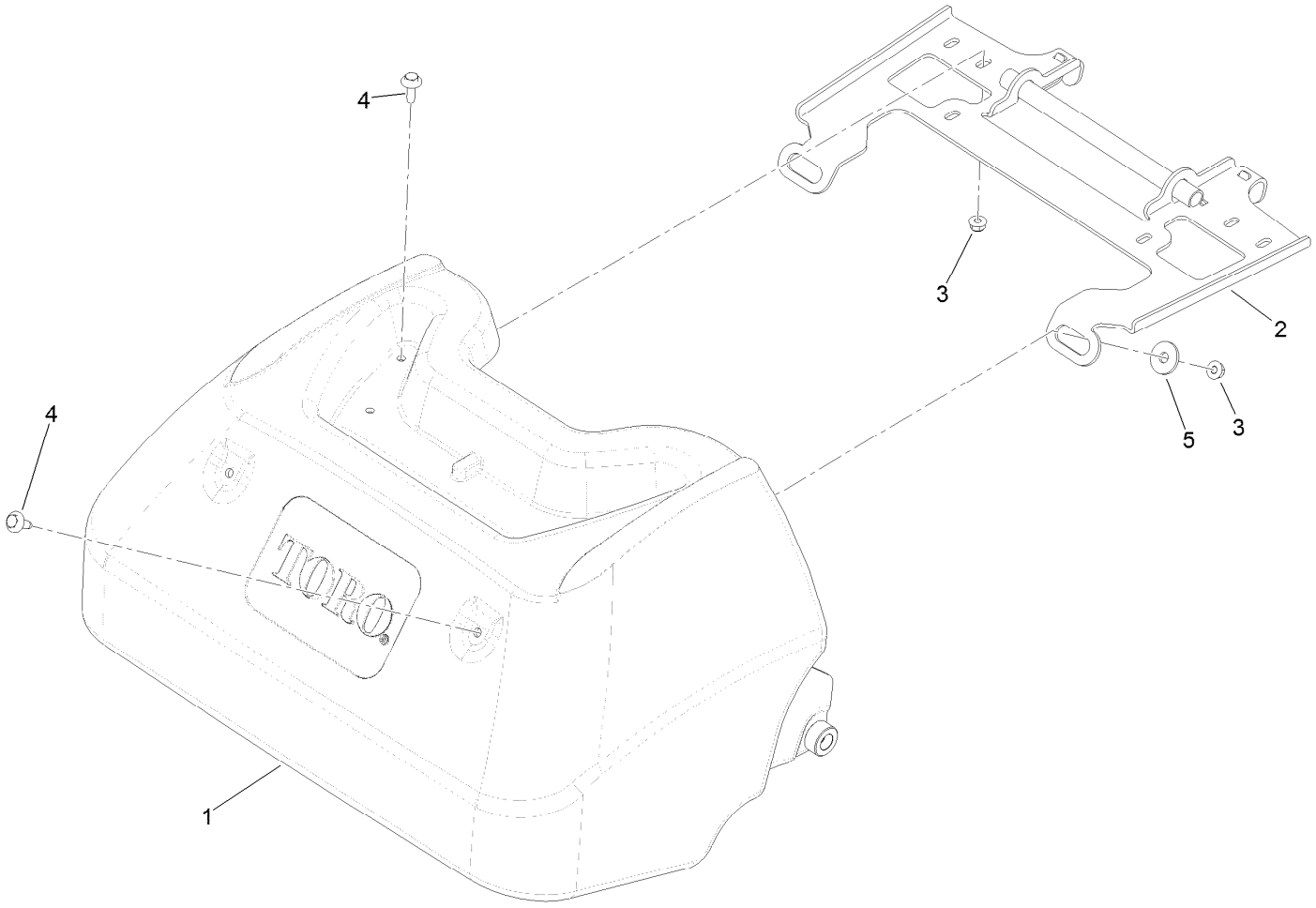
Ref.	*Part Number*	*Qty.*	*Description*
3	138-2128-03	1	Guard-Muffler
4	87-5150	2	Screw-HH
5	138-2138	1	Decal-Warning, Engine
6	133-8062	1	Decal-Arrestor, Spark
7	130-8322	1	Decal-Warning, Ethanol



Frame Assembly

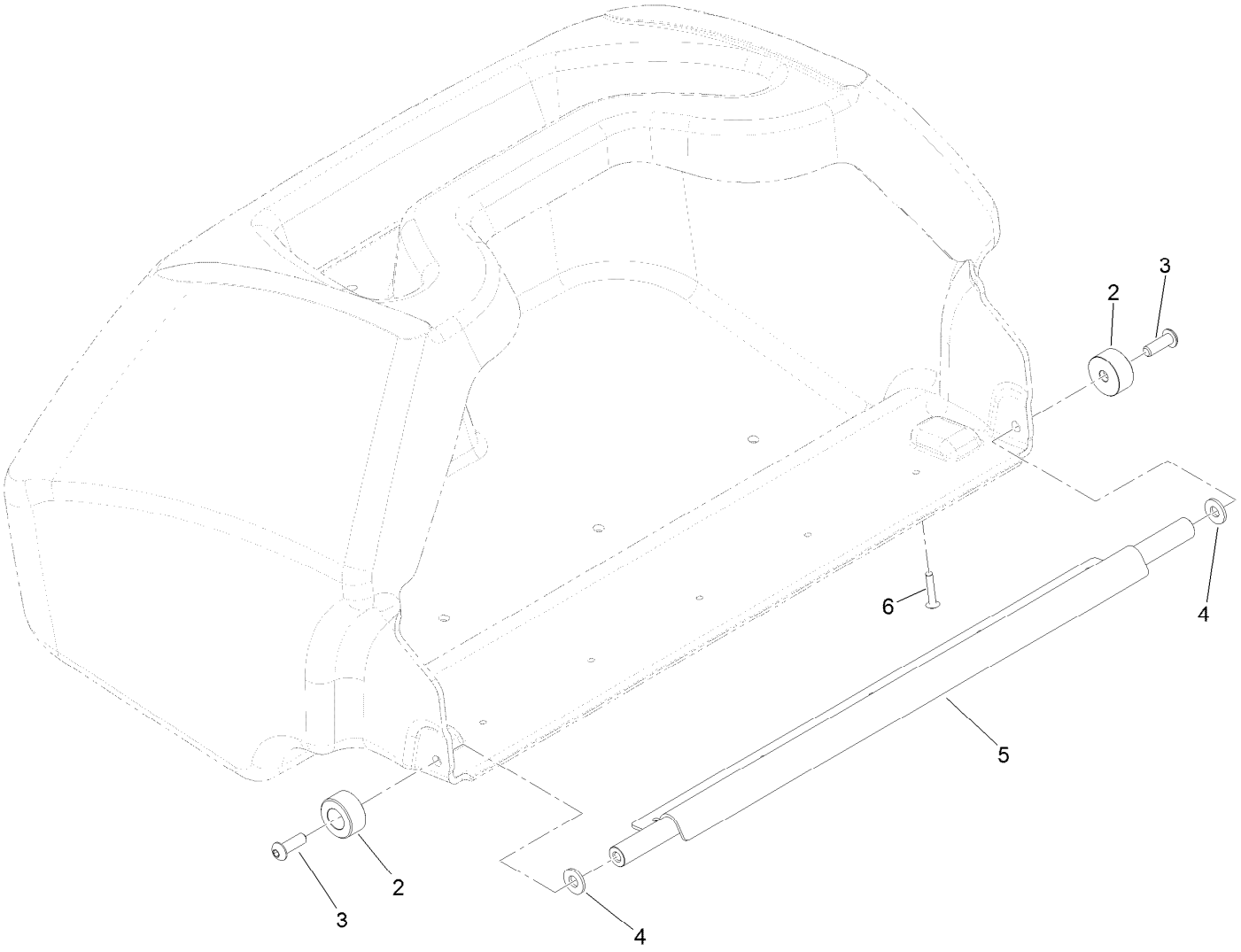
Ref.	Part Number	Qty.	Description
1	140-9253-01	1	Flex Frame, Welded [red]
2	139-7397-01	1	Roll Frame ASM, Welded [red]
3	125-5239	8	Bushing-Flange
4	139-7376	4	Link-Flex
5	104-8301	8	Nut-HF, NI
6	139-7372	1	Hub-End, RH
7	139-7374	1	Hub-End, LH
8	3231-4	4	Screw-CARR
9	114-8047	2	Lever
10	139-7380	2	Pin-Pivot, Latch
11	32120-18	2	E-Ring
12	114-8048	2	Spring

Ref.	Part Number	Qty.	Description
13	114-8049	2	Pin-Pivot
14	139-7439	1	Frame-Link
15	99-6005	3	Bolt-Carriage
16	104-8300	3	Nut-HF, NI
17	140-3399-01	1	Weight-Tmd [red]
18	140-3356	3	Isolator-Tmd
19	32128-14	3	Nut-HF
20	140-9321	1	U-Bolt, ASM
21	3296-56	2	Nut-Lock, NI
22	121-4710	1	Grass Basket ASM
23	131-8573	4	Screw-HSH
24	138-2662	2	Bumper-Rubber
25	3296-56	2	Nut-Lock, NI



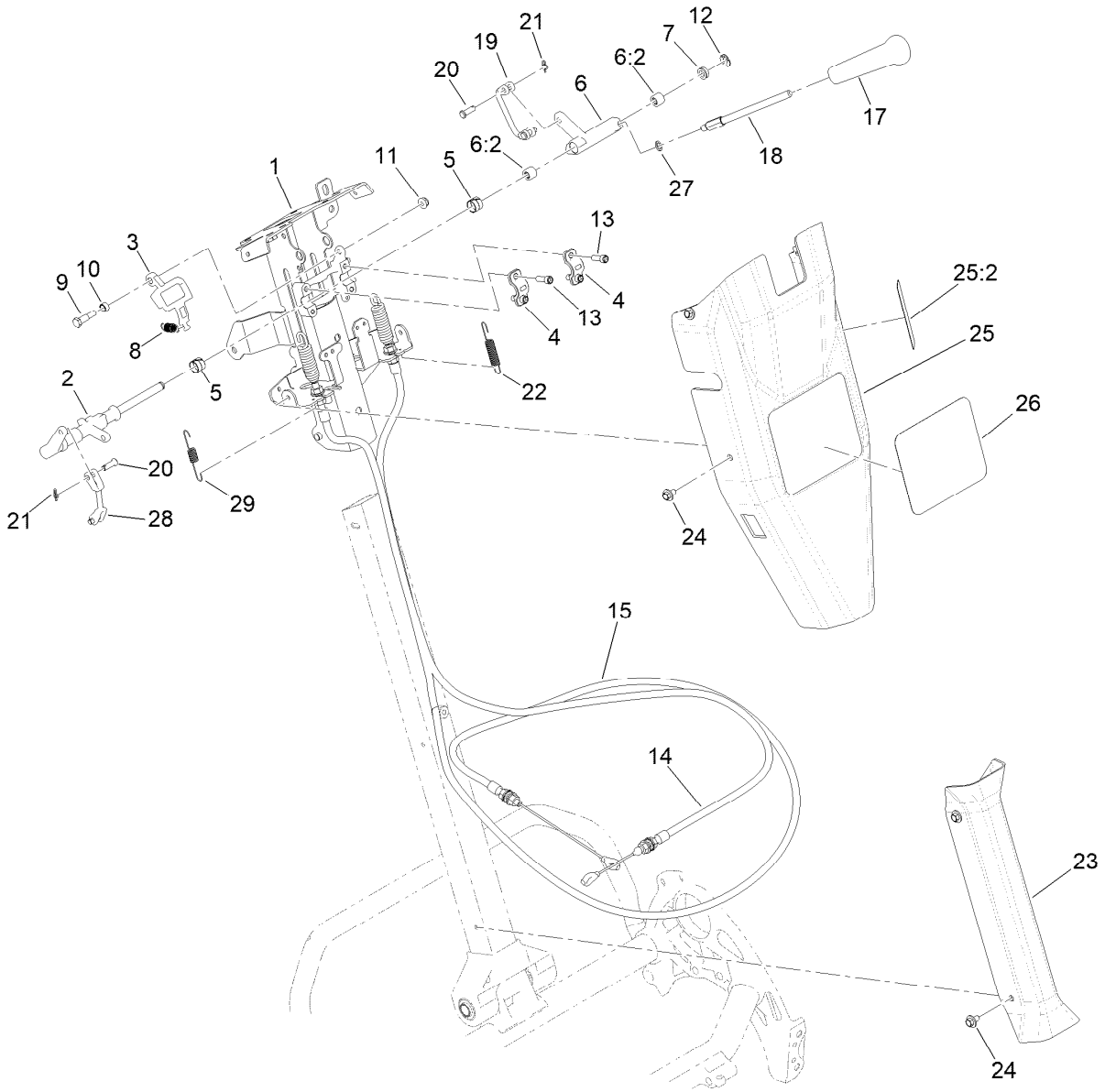
Grass Basket Assembly No. 121-4710

Ref.	*Part Number*	*Qty.*	*Description*
1	130-6750	1	Basket ASM
2	133-8833-03	1	Bracket-Basket
3	119-4040	6	Nut-HF, NI
4	119-4012	6	Screw-HWHTF
5	1-603716	2	Washer-Friction



Basket Assembly No. 130-6750

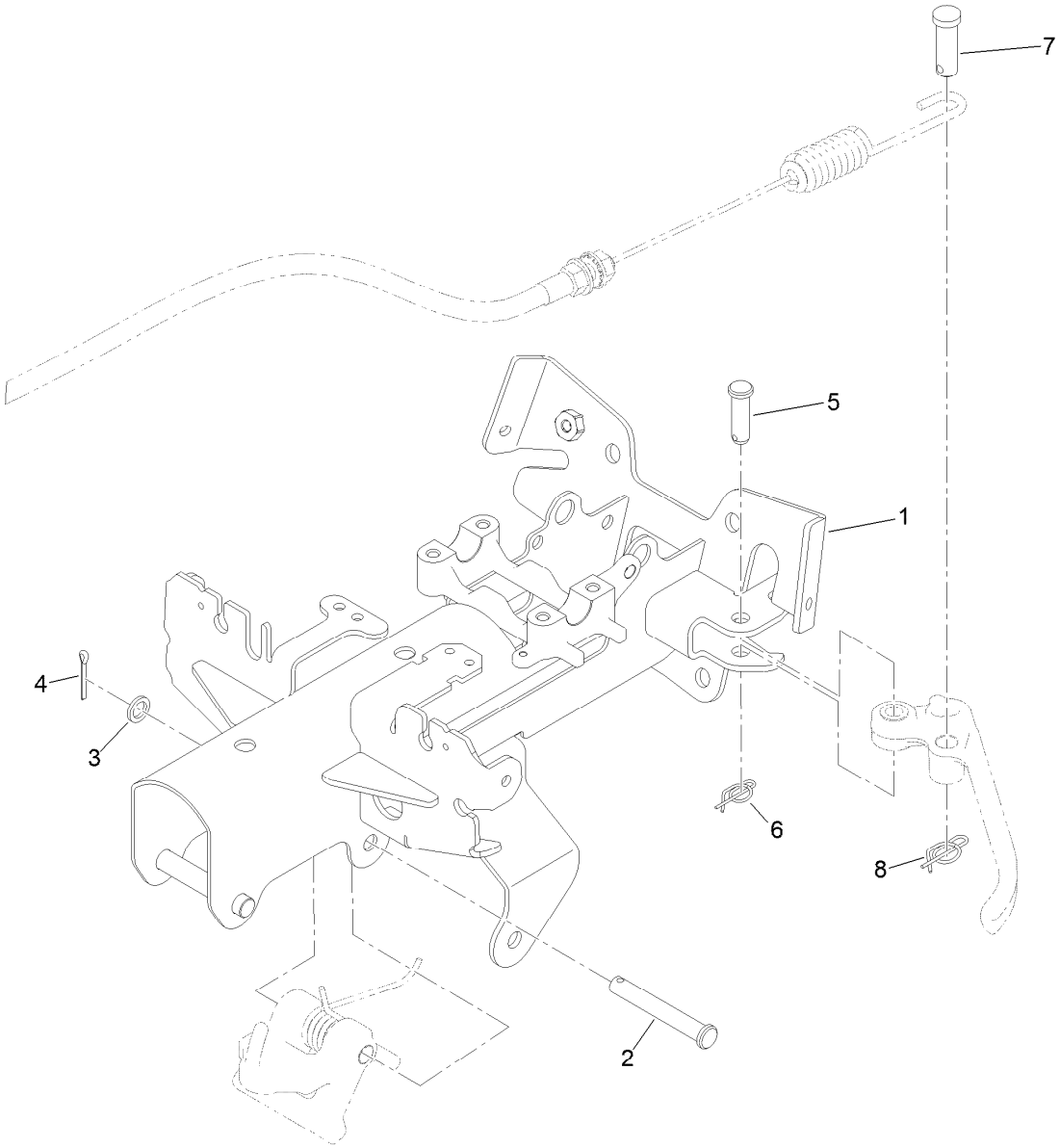
Ref.	*Part Number*	*Qty.*	*Description*
2	121-4730	2	Bumper-Basket
3	3274-69	2	Screw-HSBH
4	120-9679	2	Washer-Flat
5	130-6752	1	Channel
6	3290-382	5	Rivet-Pop



Reel Controls and Covers Assembly

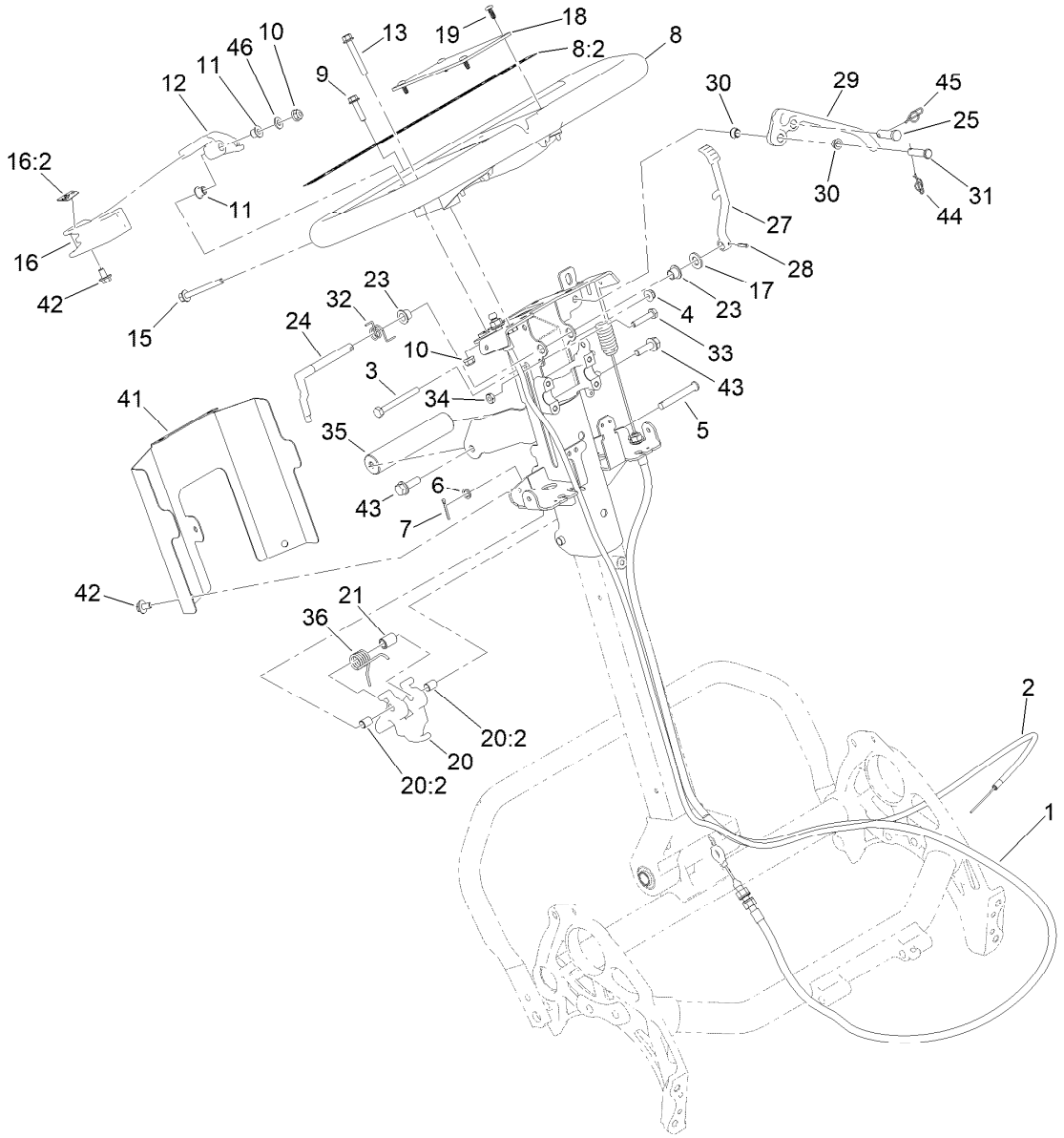
Ref.	Part Number	Qty.	Description
1	140-9323	1	Kit- Upper Receiver Replacement
2	140-9305	1	Shaft-Main, Controls
3	137-0266	1	Cam-Latch, Upper
4	138-1513	2	Clamp-Shaft, Control
5	137-0263	2	Bushing-Split
6	137-0312	1	Reel Lever ASM
6:2	138-1637	2	Bearing-Needle
7	131-3187	1	Seal-V-Ring
8	140-3410	1	Spring-Extension
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
13	3274-8	4	Screw-HSH
14	137-0180	1	Cable-Clutch
15	140-9330	1	Cable-Reel Engagement

Ref.	Part Number	Qty.	Description
17	104-9760	1	Knob-Black
18	137-0190	1	Rod-Handle, Reel Lever
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	140-3382	1	Decal-Greensmaster Flex 1018
27	75-5470	1	Spacer-Bearing
28	138-1592	1	Connector-Clevis
29	140-3417	1	Spring-Extension



Upper Receiver Assembly No. 140-9323

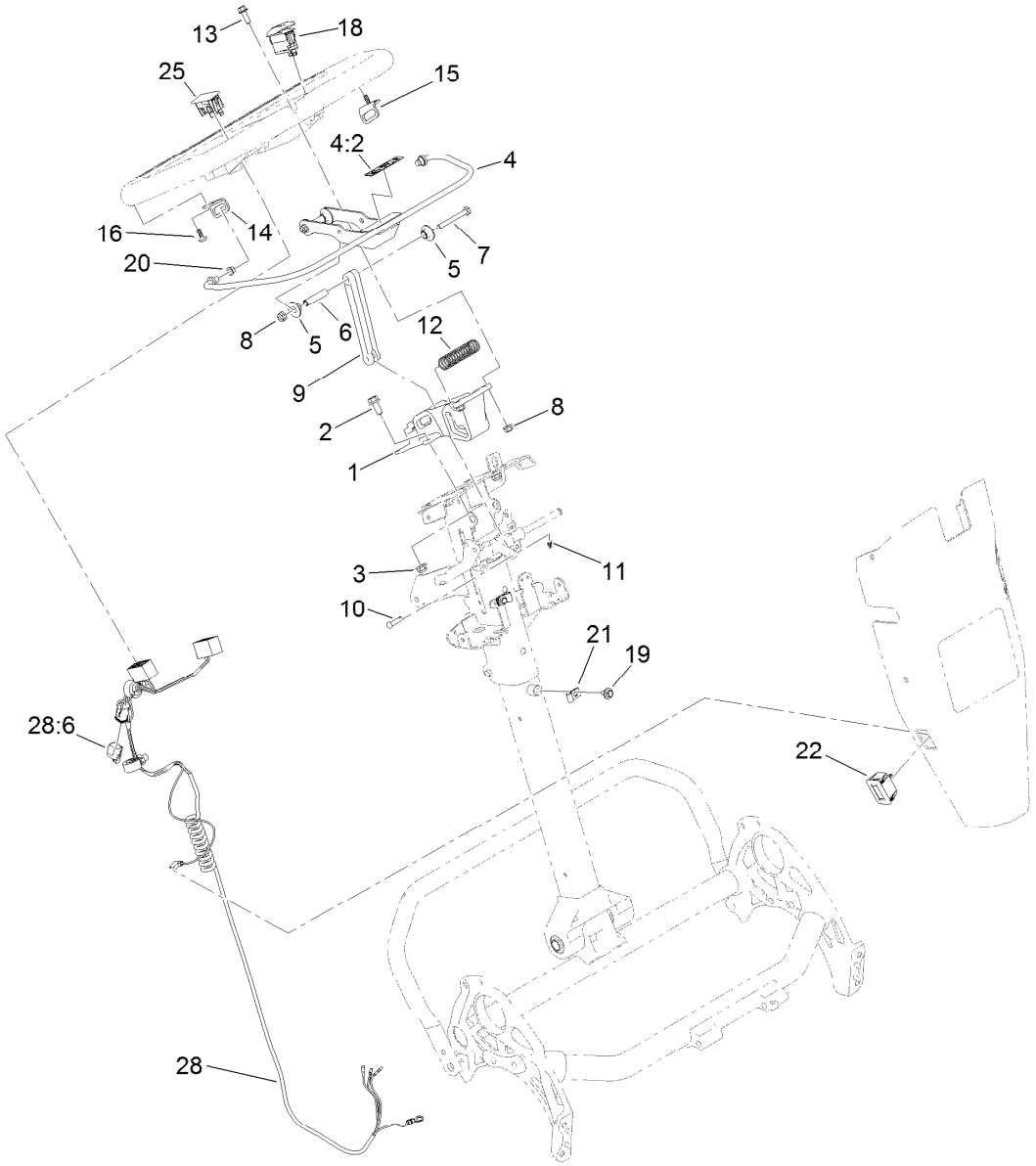
Ref.	*Part Number*	*Qty.*	*Description*
1	140-9306-0P	1	Upper Receiver, Welded
2	110-0618	1	Pin-Clevis
3	75-5470	1	Spacer-Bearing
4	3272-6	1	Pin-Cotter
5	283-61	1	Pin-Yoke
6	116-6639	1	Pin-Cotter, Locking
7	1-808285	1	Pin-Clevis
8	140-9312	1	Pin-Cotter, Locking



Upper Handle Assembly

Ref.	Part Number	Qty.	Description
1	140-9318	1	Cable ASM, Brake
2	137-0182	1	Cable-Throttle
3	321-15	1	Screw-HH
4	104-7201	1	Nut-HF, NI
5	110-0618	1	Pin-Clevis
6	75-5470	1	Spacer-Bearing
7	3272-6	1	Pin-Cotter
8	138-1645	1	Handle ASM
8:2	138-5532	1	Decal-Warning, General
9	120-4654	2	Screw-HHF
10	119-4040	3	Nut-HF, NI
11	138-3538	2	Bushing-Flange
12	138-1636	1	Arm-Throttle
13	138-5527	1	Screw-HHF
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
18	138-5514	1	Plate-Notepad, Handle
19	127-6843	4	Screw-Plastite, Torx Pan
20	137-0317	1	Handle Adjuster ASM

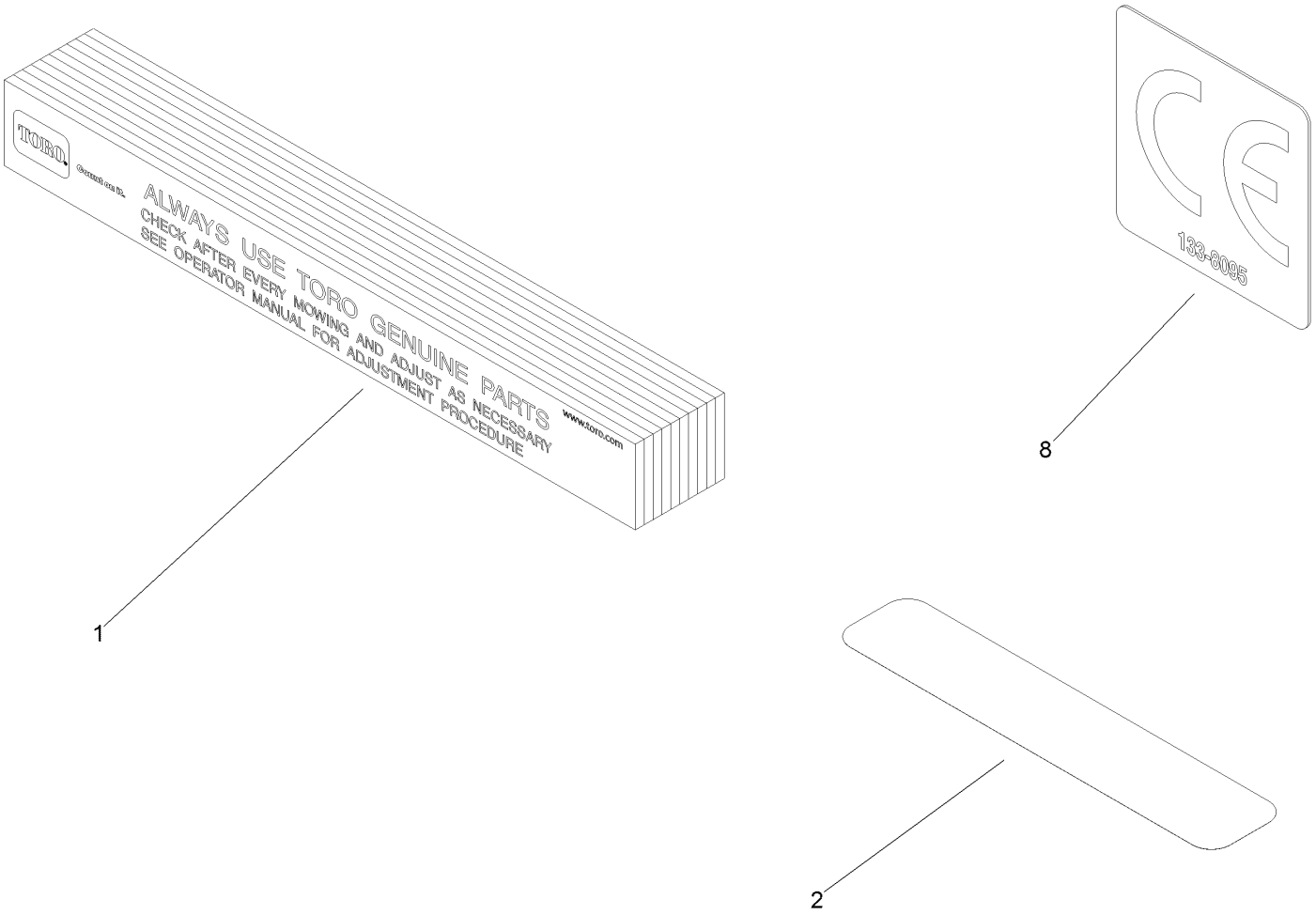
Ref.	Part Number	Qty.	Description
20:2	137-0308	2	Bushing-Igus
21	137-0318	1	Spacer-Spring
23	138-1514	2	Bushing-Flange
24	138-1573	1	Latch-Brake
25	1-808285	1	Pin-Clevis
27	140-3377	1	Lever-Lock, Brake
28	32121-73	1	Pin-Roll
29	140-9298	1	Lever-Brake
30	138-5538	2	Bushing-Flange
31	283-6	1	Pin-Clevis
32	138-1518	1	Spring-Brake, Torsion
33	132-6777	1	Screw-TTH
34	120-9695	1	Nut-Jam
35	138-1535	1	Handle-Assist, Lift
36	138-1481	1	Spring-Handle, Torsion
41	138-5530-03	1	Cover-Bottom, Controls
42	46-6810	3	Screw And Washer ASM
43	115-5142	2	Screw-HHF
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
10	353-322	1	Pin-Clevis
11	138-1587	1	Clip-Pin, Cotter
12	138-3468	1	Spring-Compression

Ref.	Part Number	Qty.	Description
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
18	122-1497	1	Switch-Rocker, On-None-Off
19	46-6810	2	Screw And Washer ASM
20	138-5538	2	Bushing-Flange
21	2412-91	2	Clamp
22	119-1347	1	Meter-Hour
25	119-7791	1	Plug-Hole, Carling
28	122-1416	1	Harness-Wire
28:6	32180-091	1	Cap-Dust, 2 Way



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)
8	133-8095	1	Decal-CE

Attachments and Accessories

For 04850 Greensmaster Flex 1018 Traction Unit

Product Name	Model/Part
Premium Engine Oil 10w30 (55 Gallon Drum)	121-6392
Premium Engine Oil 10w30 (5 Gallon Pail)	121-6393
11-Blade 18in Flex ES CU	04853
14-Blade 18in Flex ES CU	04854
Narrow Wiehle Roller Kit, Greensmaster Flex 1018 Traction Unit	04026
Full Front Roller Asm (18 Inch)	04814
Roller ASM, Wide Wiehle	140-3441
Roller ASM, Extended Wiehle	140-9214
Front Scraper Kit for Narrow Wiehle Roller	120-9615
Front Scraper Kit for Wide Wiehle Roller	120-9616
Front Scraper Kit for Full Roller	120-9617
Front Brush Kit for Narrow Wiehle Roller	120-9621
Front Brush Kit for Wide Wiehle Roller	120-9622
Front Brush Kit for Full Roller	120-9623
Steel Rear Roller ASM	121-4682
Rear Roller ASM, 18 Inch	140-9258
Rear Roller Scraper Kit with Roller	120-9627
Universal Groomer Drive Kit	04648
18in Soft Grooming Brush	04268
18in Stiff Grooming Brush	04269
18in Twin Tip Groomer Reel	04801
18in Soft Grooming Brush Kit	127-1545
18in Stiff Grooming Brush Kit	127-1546
Roller Extension Kit	115-7361
High Height-of-Cut Arms (Qty 1)	120-9600
Rear Roller Adjustment (Qty 1)	120-9602
Access Backlap Kit	139-4342
Bedbar	110-2281-01
Bedbar-Aggressive	110-2281-0P
Bedknife-Microcut, Extended	110-2300
Bedknife-Low Cut	110-2301
Bedknife-Edgemax, Microcut	117-1530
Bedknife-EdgeMax, Tournament	117-1532
Bedknife-EdgeMax, Microcut Short	139-4318
Bedknife-EdgeMax, Tournament Short	139-4319
Bedknife-Tournament	98-7260
Bedknife-Microcut	98-7261
Blade-GR Groomer, Twin Tip (0.032in)	140-5580
Blade-GR Groomer, Helix (0.028in)	140-5581
Blade-GR Groomer, Helix (0.015"in)	140-5582
Wheel Kit	04123
Light Kit (2019+)	04135
Push Broom Kit, Walk Greensmower (2019+)	04136
Wireless Hour Meter Kit	139-4369
Height-of-Cut Bar	94-9010
MVP Kit-Cutting Unit Re-Build	121-2637

Attachments and Accessories (continued)

Grease-Synthetic 136-8595
Turf Evaluator 04399
Toro Reel Paper (10 Pack) 125-5610
Angle Indicator 131-6828
Angle Indicator Mount 131-6829
Shim-TORO Reel (.002in) 140-5531
Trans Pro 80 Tow-Behind Trailer 04238
Flat Ramp 04245
Rail Ramp Kit (Update) 04247
18in Rail Conversion Kit 110-7345
Rail Ramp Kit TP100 138-5011
Rod Replacement Kit, Greensmaster 1018 Series Traction Unit with Trans Pro 100 Tow-Behind Trailer 139-6470
Retention Straps Kit 139-6477

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Count on it.