Form No. 3446-783 Rev A

TORO®

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Parts Catalog

Greensmaster® 1021

Mower

Model No. 04830—Serial No. 409400000 and Up

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

CE

3446-783 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.

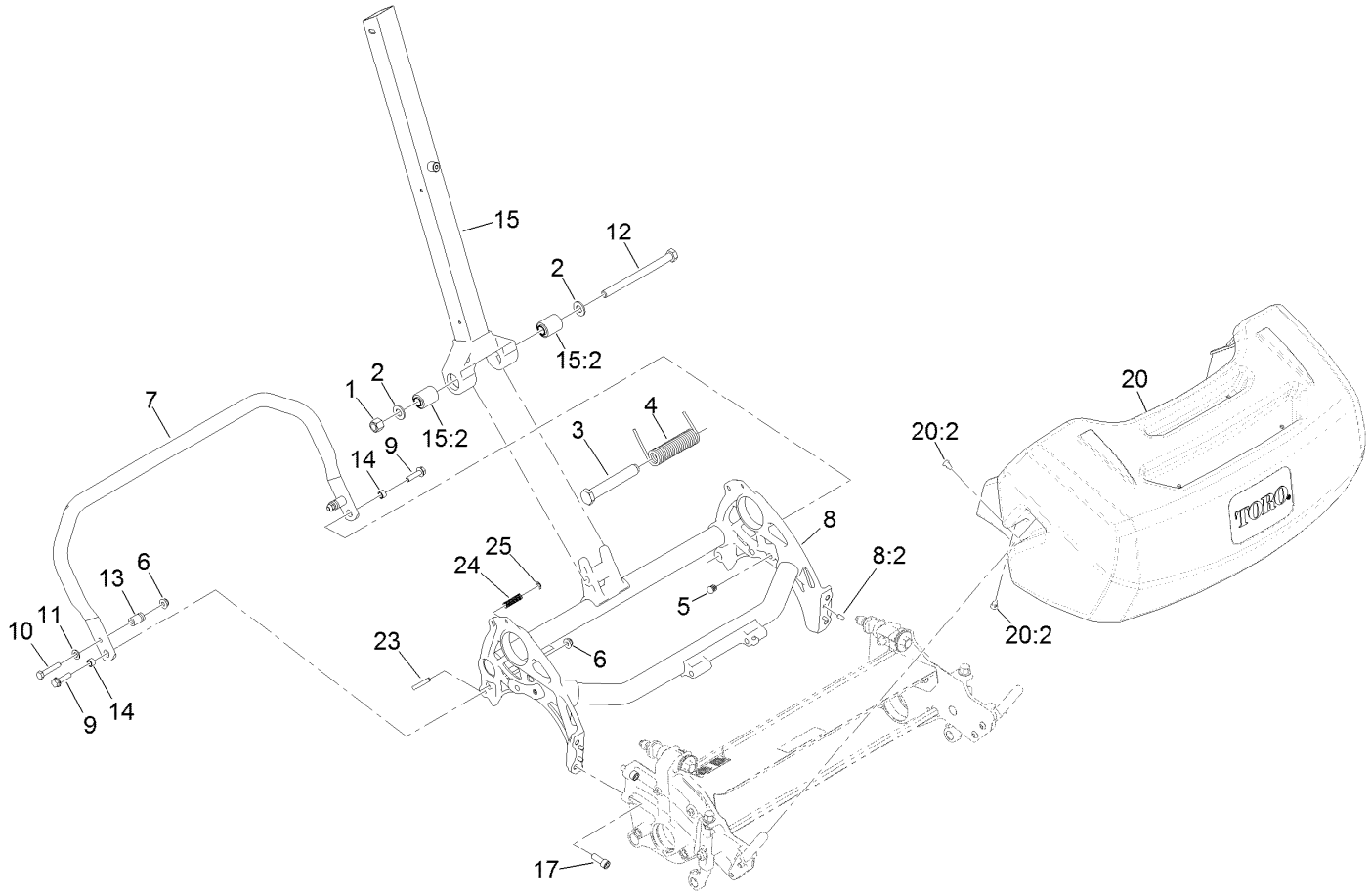
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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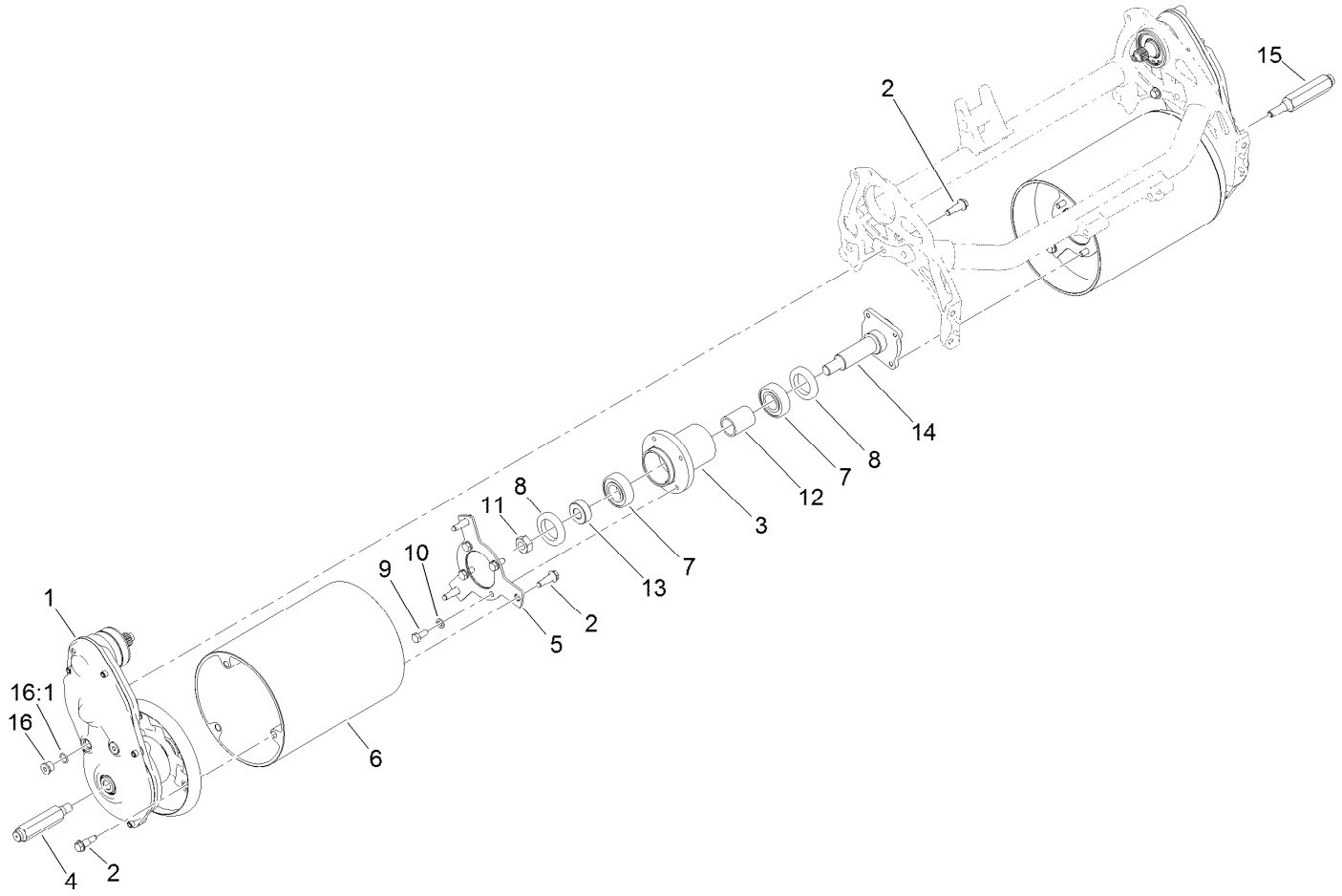
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Frame and Handle Mount Assembly

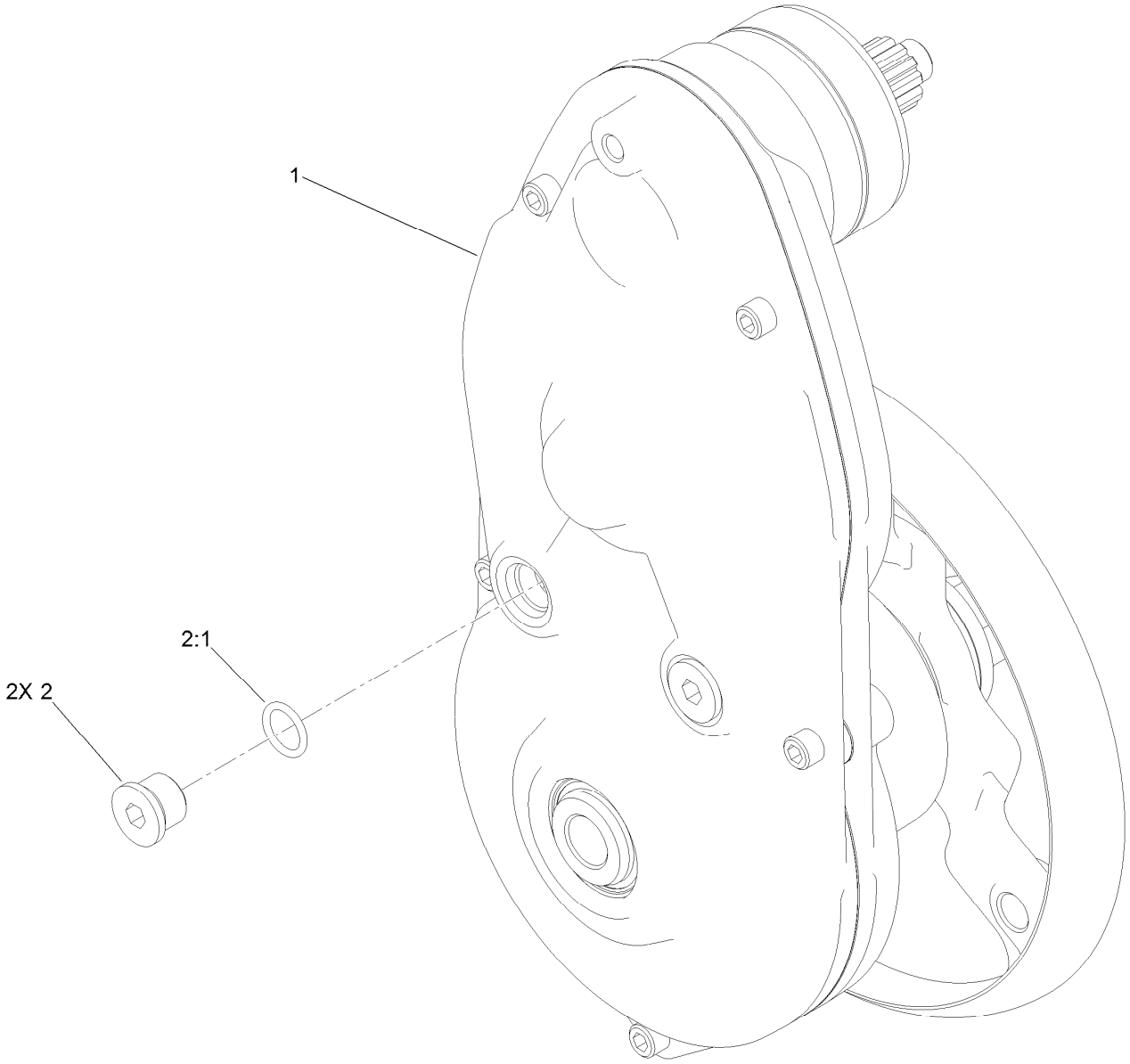
Ref.	Part Number	Qty.	Description
1	3296-23	1	Nut-Lock, NI
2	3256-26	2	Washer-Flat
3	138-1510	1	Pin-Mount, Spring
4	138-1459	1	Spring-Torsion, LH
5	139-4326	2	Plug-Plastic
6	119-4041	3	Nut-HF
7	133-9113-03	1	Kickstand-21 Inch
8	138-1647	1	21 Inch Frame ASM
8:2	95-0715	4	Pin-Dowel
9	112-6913	2	Screw-HHF
10	322-9	2	Screw-HH
11	3256-23	2	Washer-Plain

Ref.	Part Number	Qty.	Description
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
17	3274-7	4	Screw-HSH
20	140-9293	1	Basket-Grass, GR1021
20:2	121-4729	4	Plug
23	139-7431	1	Pin-Kickstand, Lock
24	73-3450	1	Spring-Compression
25	32151-86	1	E-Ring



Drum Drive Assembly

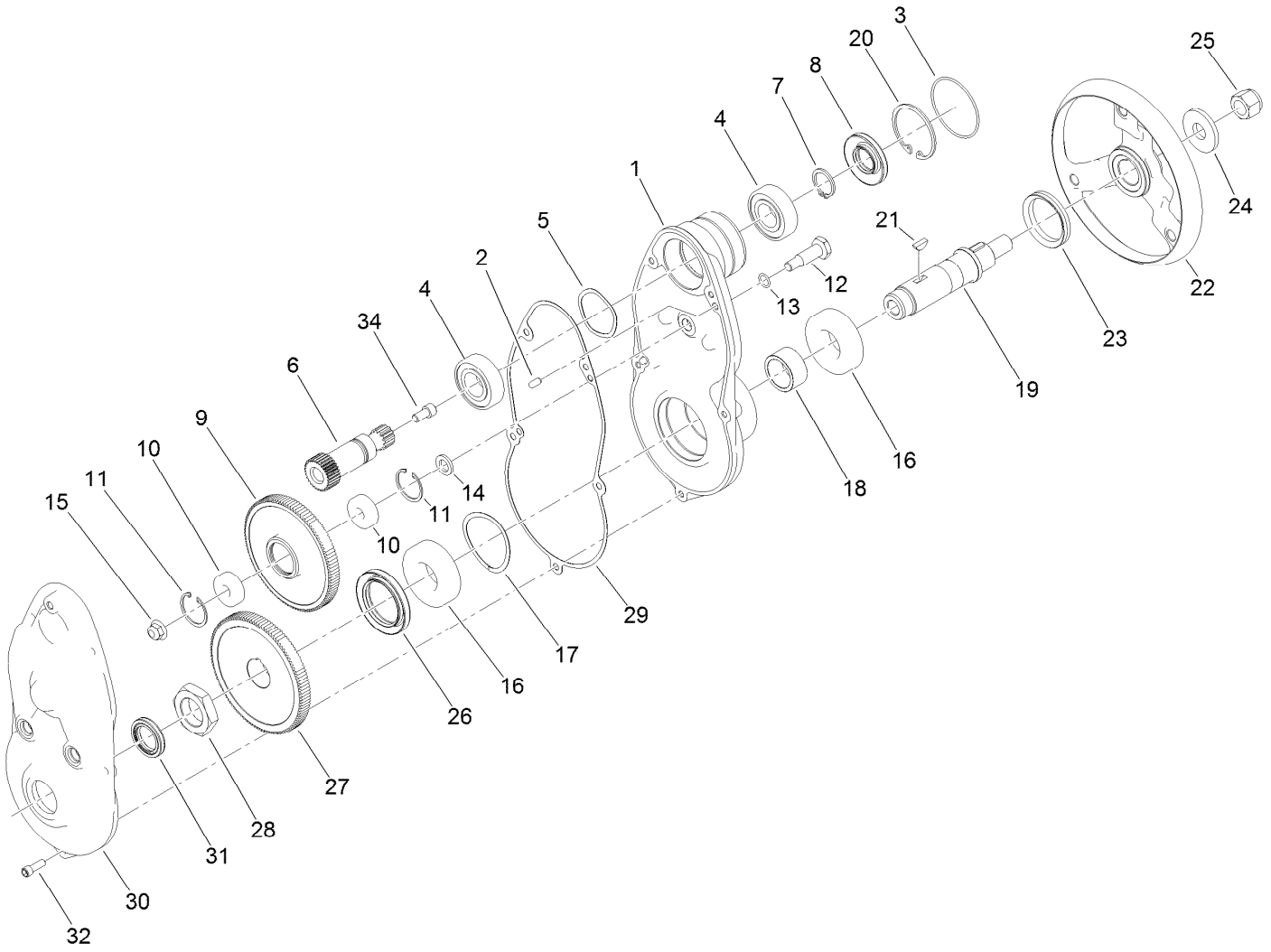
Ref.	Part Number	Qty.	Description
1	140-9329	1	Kit-Drum Drive Replacement
2	132-4607	14	Bolt-Shoulder, Flange
3	132-6971	1	Hub-Drum
4	132-4605	1	Shaft-Hex, RH
5	140-9319	2	Plate-Drum, Hub
6	133-9246	2	Drum-Traction, 21 Inch
7	251-82	2	Bearing-Ball
8	253-159	2	Seal
9	322-3	8	Screw-HH
10	3253-4	8	Washer-Lock
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

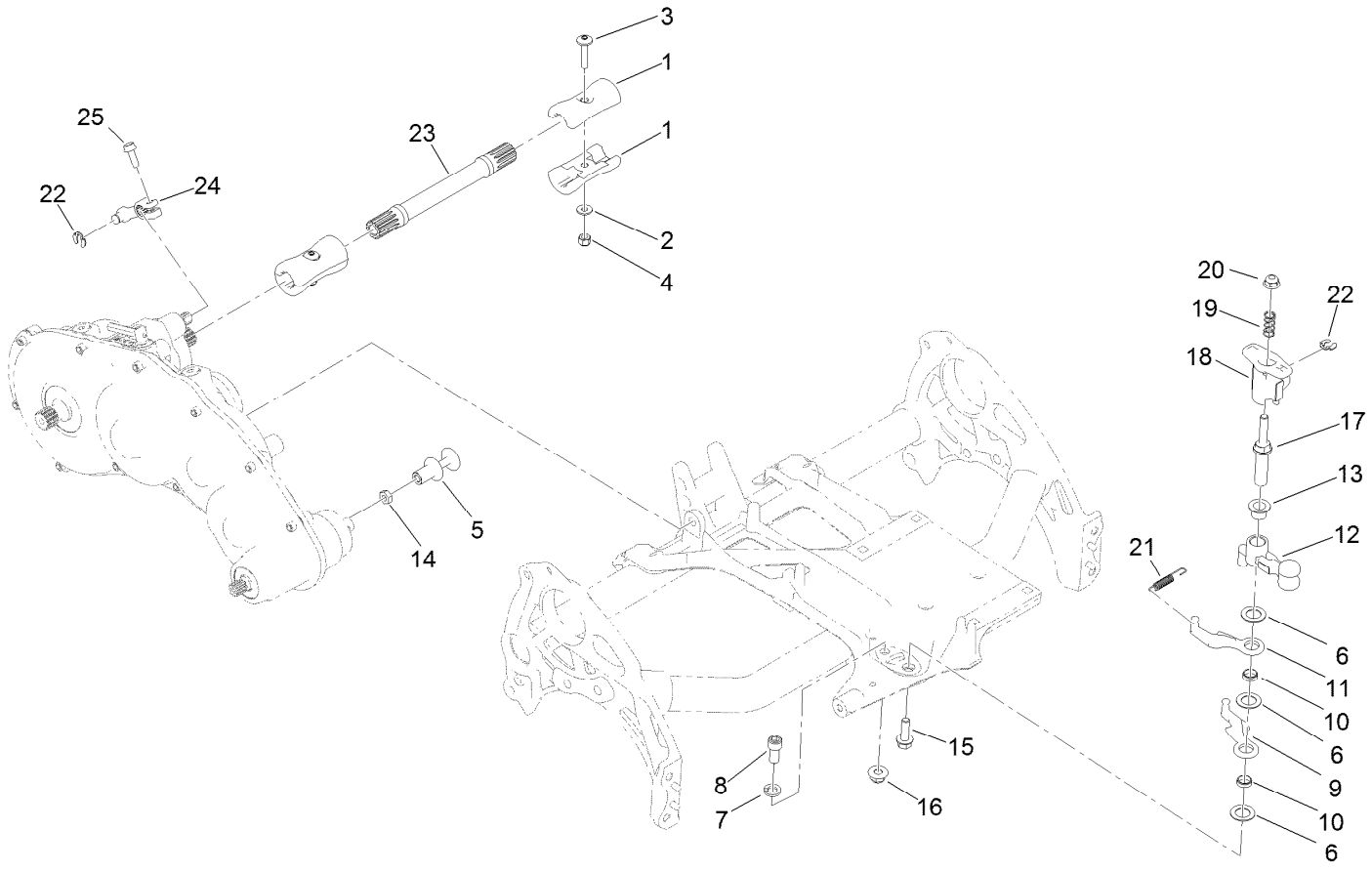
● Not serviced separately



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

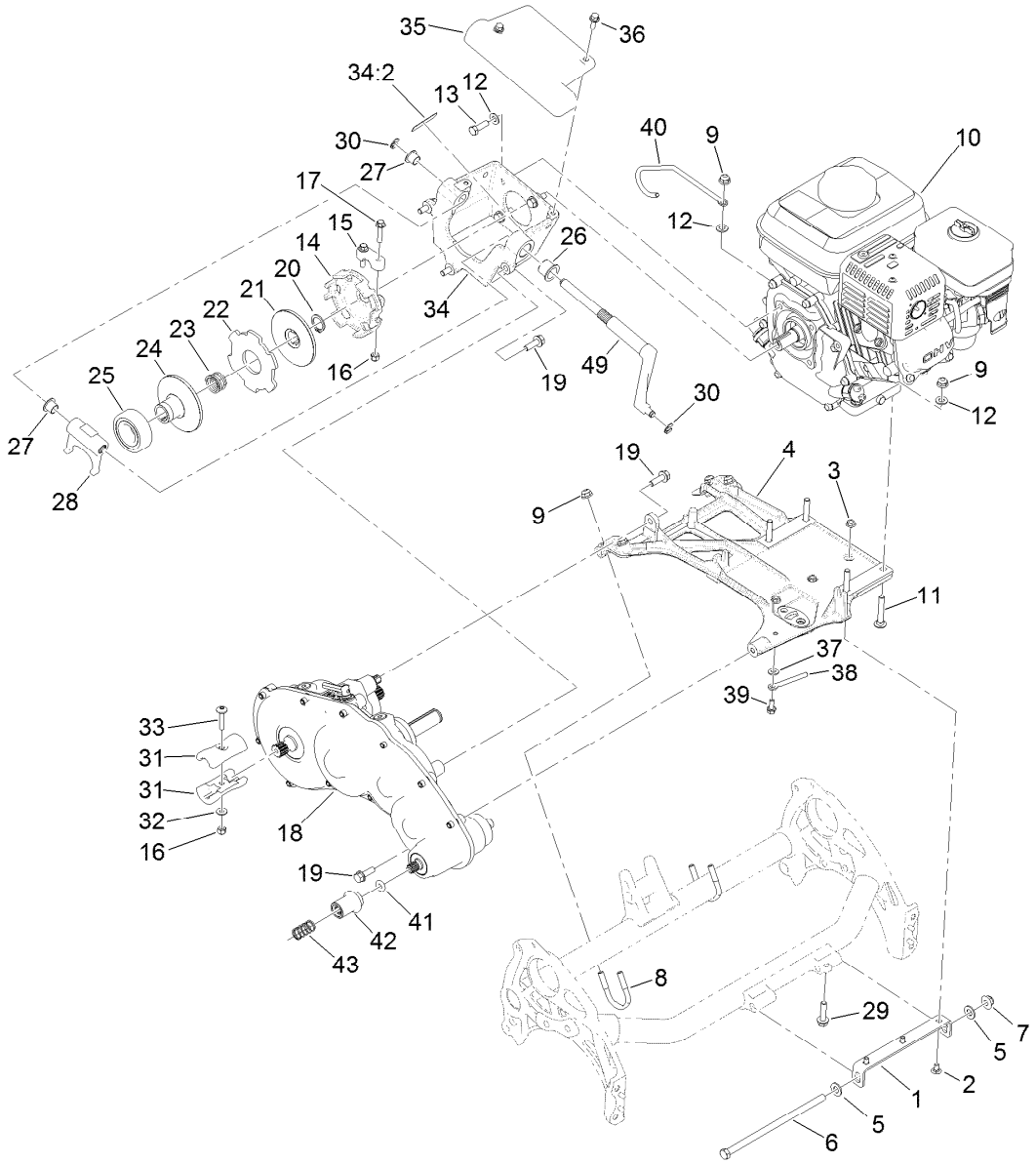
Ref.	Part Number	Qty.	Description
17	115-5258	1	Spring-Wire, Flat
18	132-4568	1	Spacer
19	133-4562	1	Shaft-Drum, Drive
20	138-1480	1	Ring-Retaining, Int (52Mm)
21	138-1504	2	Key-Woodruff, 5Mm
22	133-9244	1	Hub-Drum, Outer
23	253-161	1	Seal-V-Ring
24	104-9216	1	Washer-Hardened
25	126-3841	1	Nut-Hex, NI
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



Drive Shaft and Reel Components Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	133-9100	4	Coupler-Splined, 4 Tooth
2	119-8952	2	Washer
3	126-8232	2	Screw-Truss
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
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	133-9208	1	Shaft-Drive
24	133-9117	1	Lever-Brake, Cable
25	131-6150	1	Screw-HWHTF

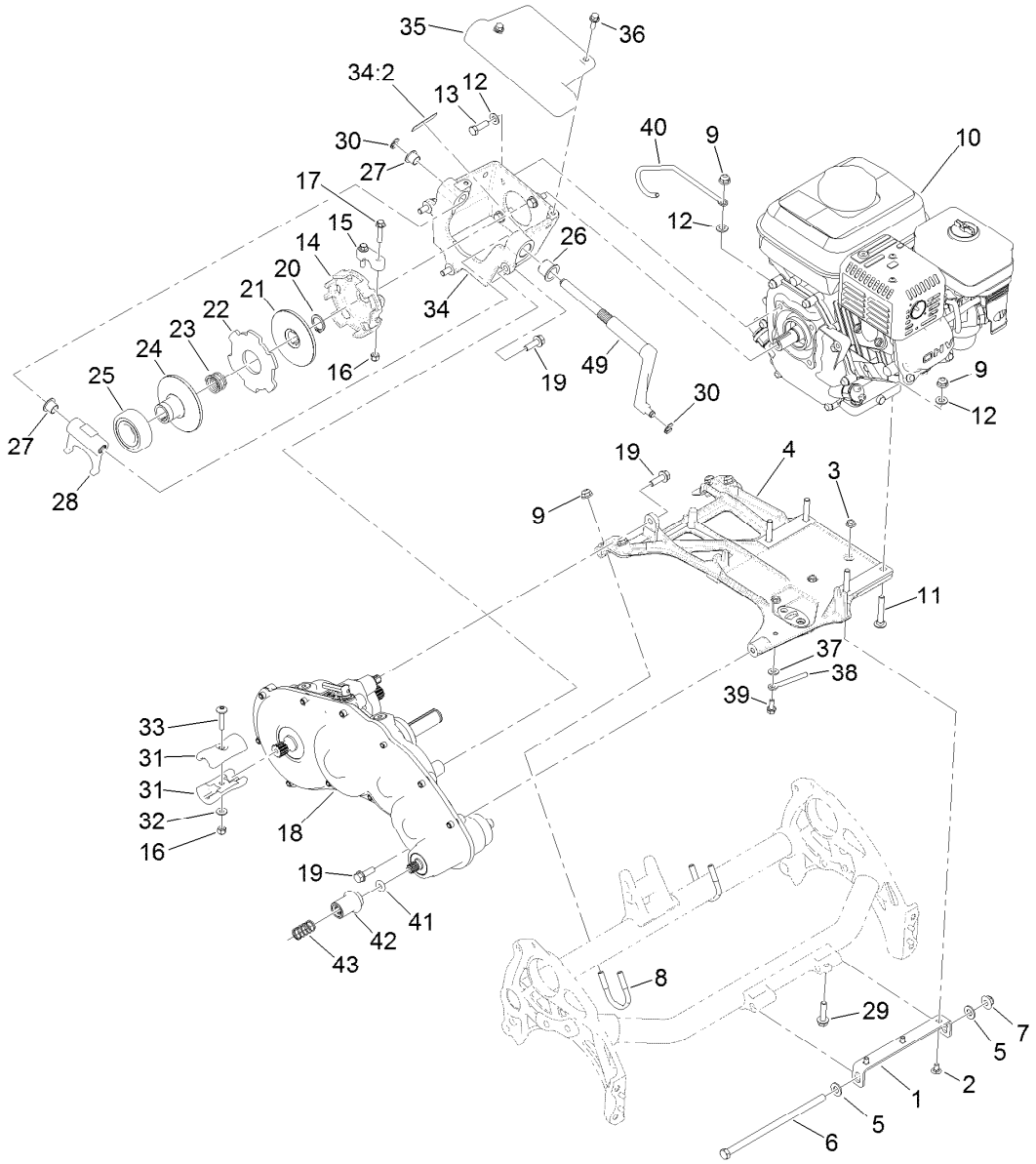


Transmission and Engine Assembly

Ref.	Part Number	Qty.	Description
1	138-1623-01	1	Bracket-Mount, Engine
2	116-5611	3	Bolt-Carriage 1/4-20 X 1/2 Short Neck
3	32128-10	3	Nut-Lock, HHF
4	138-5517	1	Base-Engine
5	3256-24	2	Washer-Flat
6	323-30	1	Screw-HH
7	119-4042	1	Nut-HF, NI
8	137-0301	2	Clamp-Tube
9	119-4041	8	Nut-HF
10	138-2142	1	Engine ASM ●
11	3230-6	4	Bolt-CARR
12	3256-23	8	Washer-Plain
13	131-5919	4	Screw-HH, Patch
14	138-3542	1	Hub-Clutch, External
15	138-5522	1	Clamp-Hub, Clutch
16	3296-42	3	Nut-Lock, NI
17	127-8639	2	Screw-HHF

Ref.	Part Number	Qty.	Description
18	140-9324	1	Kit-Transmission Replacement
19	115-5142	5	Screw-HHF
20	32151-33	1	Ring-Retaining, EXT
21	133-9095	1	Disc-Clutch
22	133-9094	1	Plate-Friction
23	133-9123	1	Spring-Compression, Clutch
24	138-1508	1	Disc-Clutch, Slider
25	138-1505	1	Bearing-Sealed, Self Aligning
26	132-4089	1	Bushing
27	125-5239	2	Bushing-Flange
28	138-3548	1	Fork-Clutch
29	112-6913	1	Screw-HHF
30	32151-47	2	Ring-Retaining
31	133-9100	2	Coupler-Splined, 4 Tooth
32	119-8952	1	Washer
33	126-8232	1	Screw-Truss

● Obtain parts from www.honda-engines.com

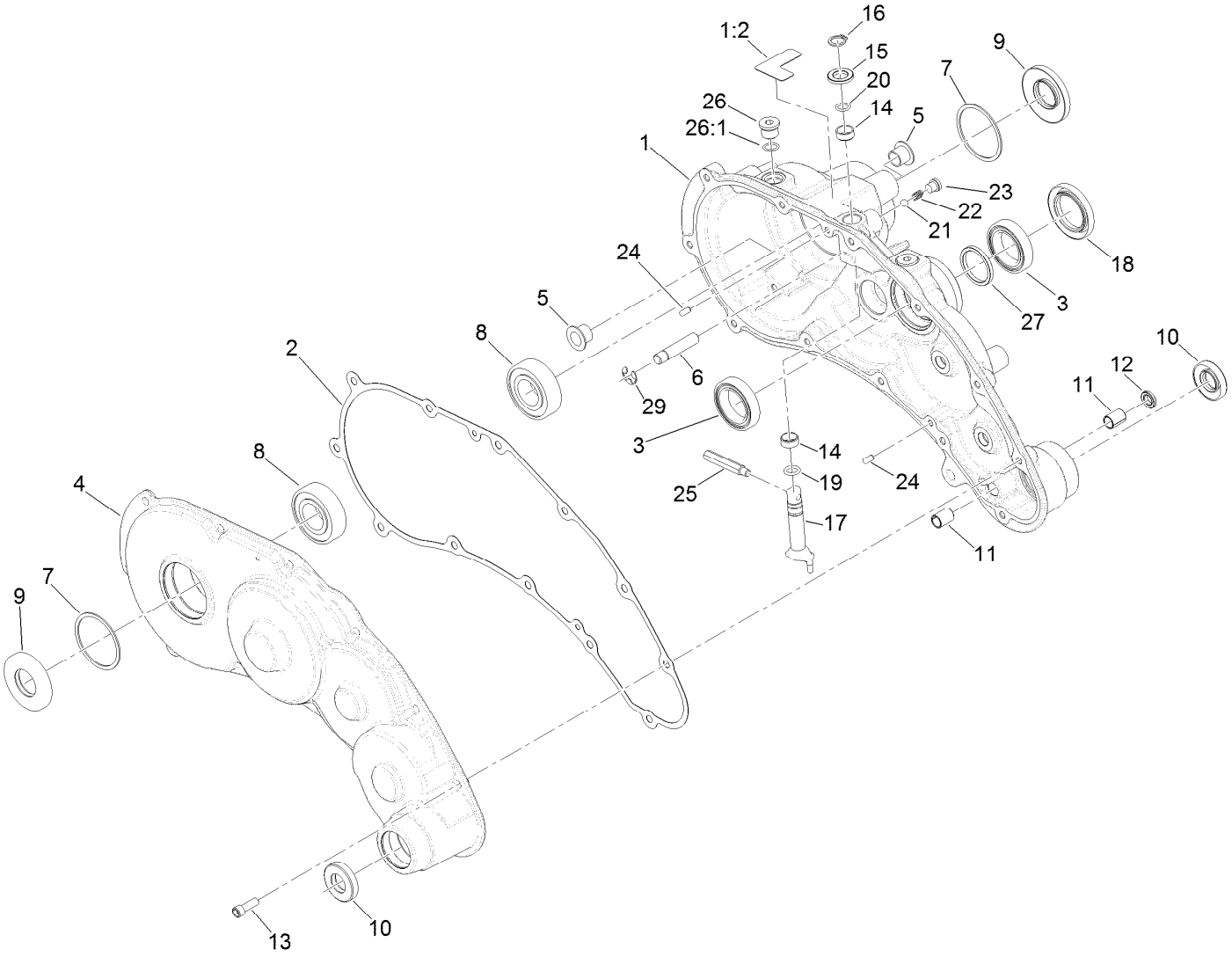


Transmission and Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
34	139-4301	1	Bell Housing ASM
34:2	120-9570	1	Decal-Warning
35	138-5545	1	Cover-Clutch
36	120-9678	2	Screw-HHF
37	3256-22	2	Washer-Flat
38	138-1591	1	Guide-Cable
39	3234-33	1	Screw-HHF

Ref.	Part Number	Qty.	Description
40	139-4309	1	Guide-Cable
41	139-4357	1	O-Ring
42	132-4619	1	Tube-Drive, Reel
43	133-9128	1	Spring-Compression, Coupler
49	138-3549	1	Shaft-Fork

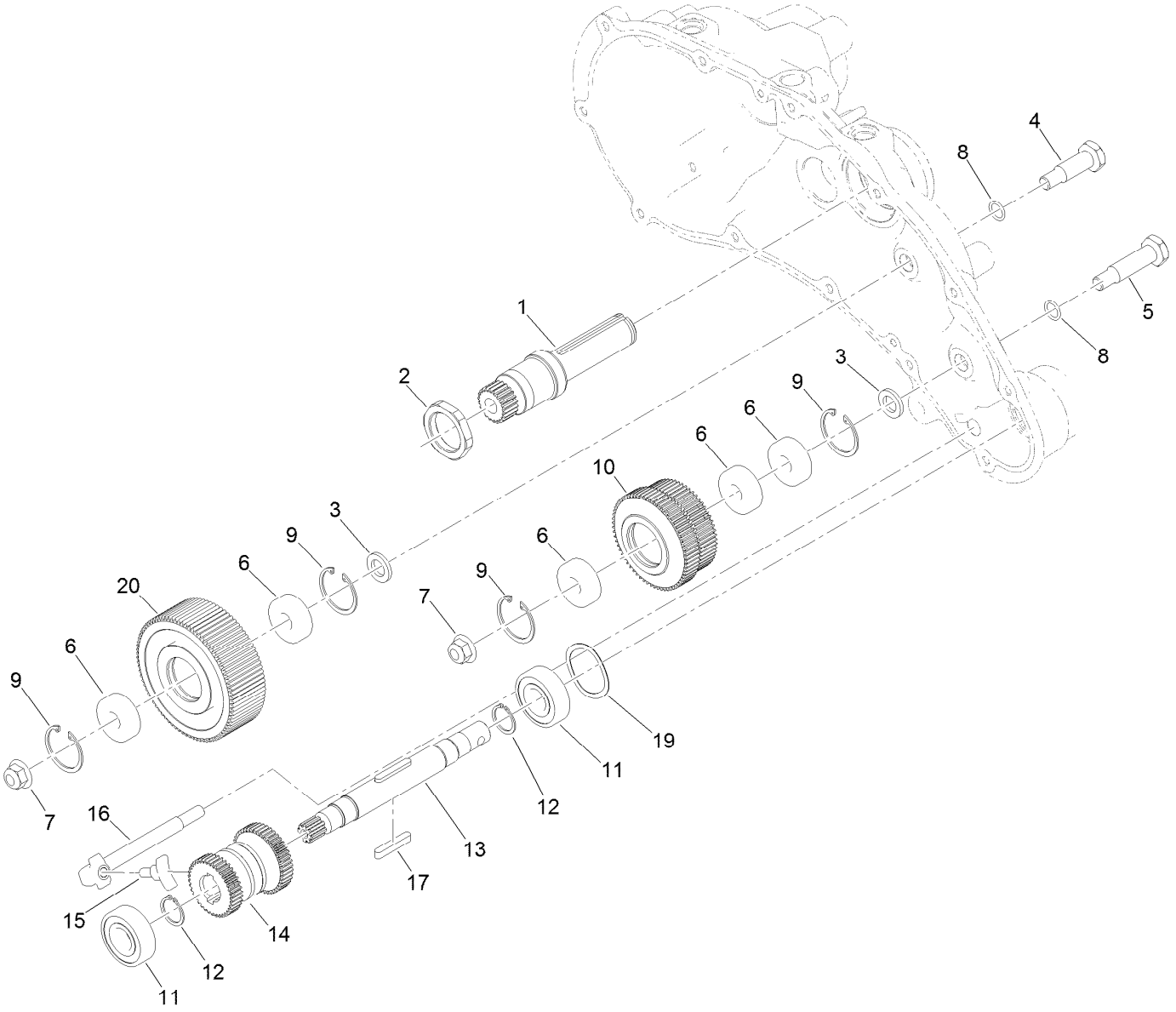
● Obtain parts from www.honda-engines.com



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

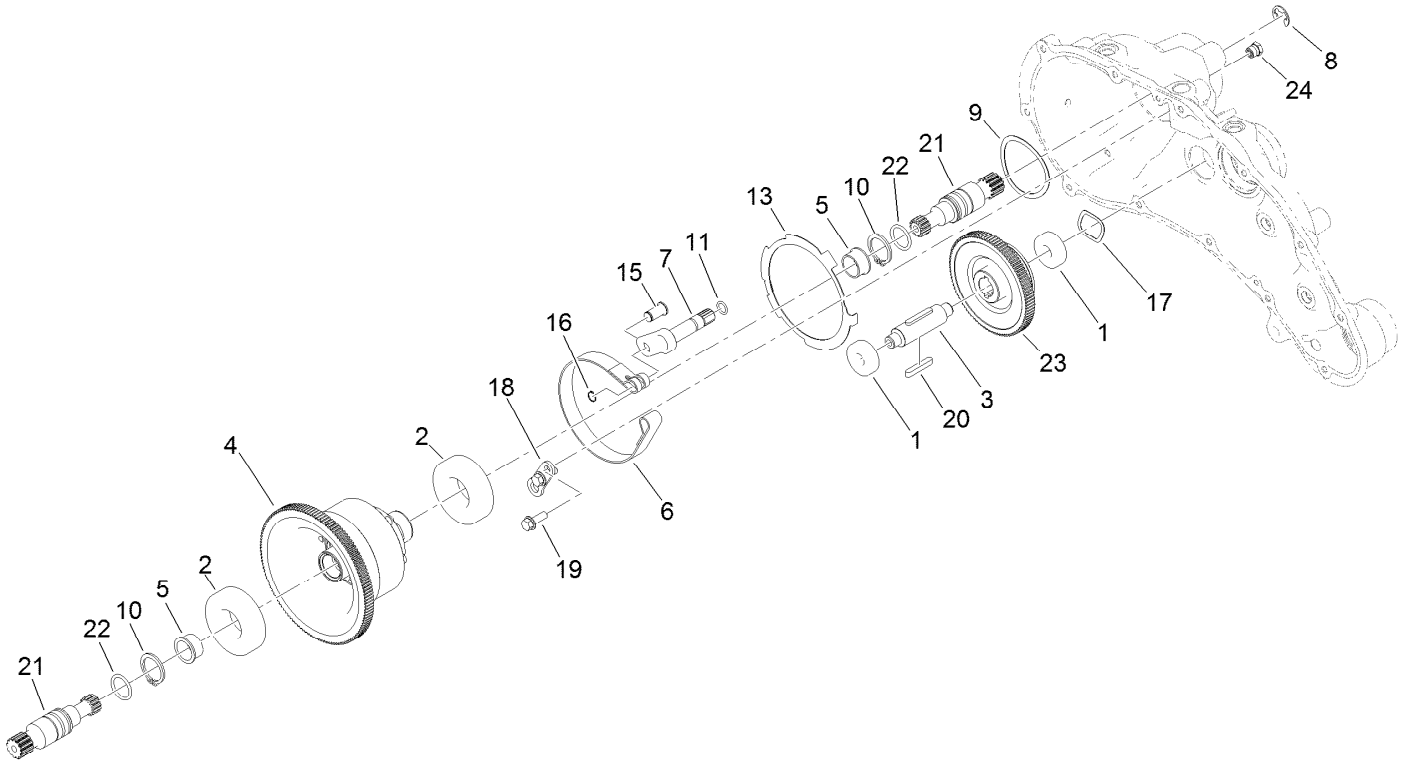
Ref.	Part Number	Qty.	Description
15	108-5059	1	Spacer-Bushing
16	32151-61	1	Ring-Retaining
17	130-6816	1	Shaft-Selector, Traction
18	140-9325	1	Seal-Grease, High Temp
19	131-1879	1	O-Ring Seal
20	237-22	1	O-Ring
21	105-2442	1	Ball-Detent
22	105-2443	1	Spring-Detent
23	131-1825	2	Plug-ORB
24	121-9249	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

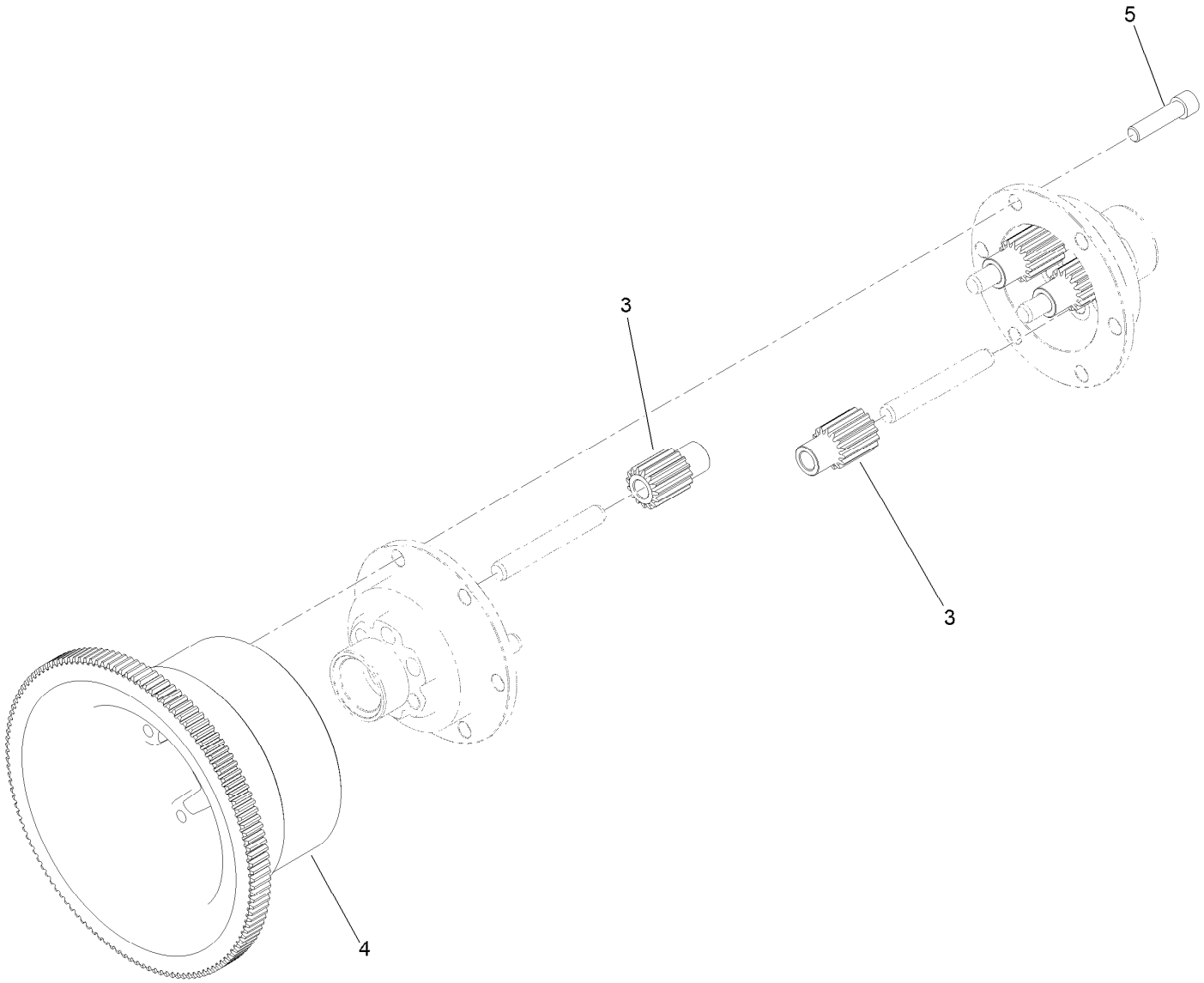
Ref.	*Part Number*	*Qty.*	*Description*
11	38-7820	2	Bearing-Ball
12	138-1629	2	Ring-Retaining, EXT (17Mm)
13	139-4359	1	Shaft-Drive, Reel
14	130-6834	1	Gear-Spur, Slider
15	133-9120	1	Shoe-Clutch, Reel
16	133-9121	1	Actuator-Clutch, Reel
17	103-2739	2	Key
19	131-3170	1	Spring-Wave
20	137-0273	1	Gear-Spur,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



Transmission Gearbox Assembly No. 140-9324
Traction Drive Assembly

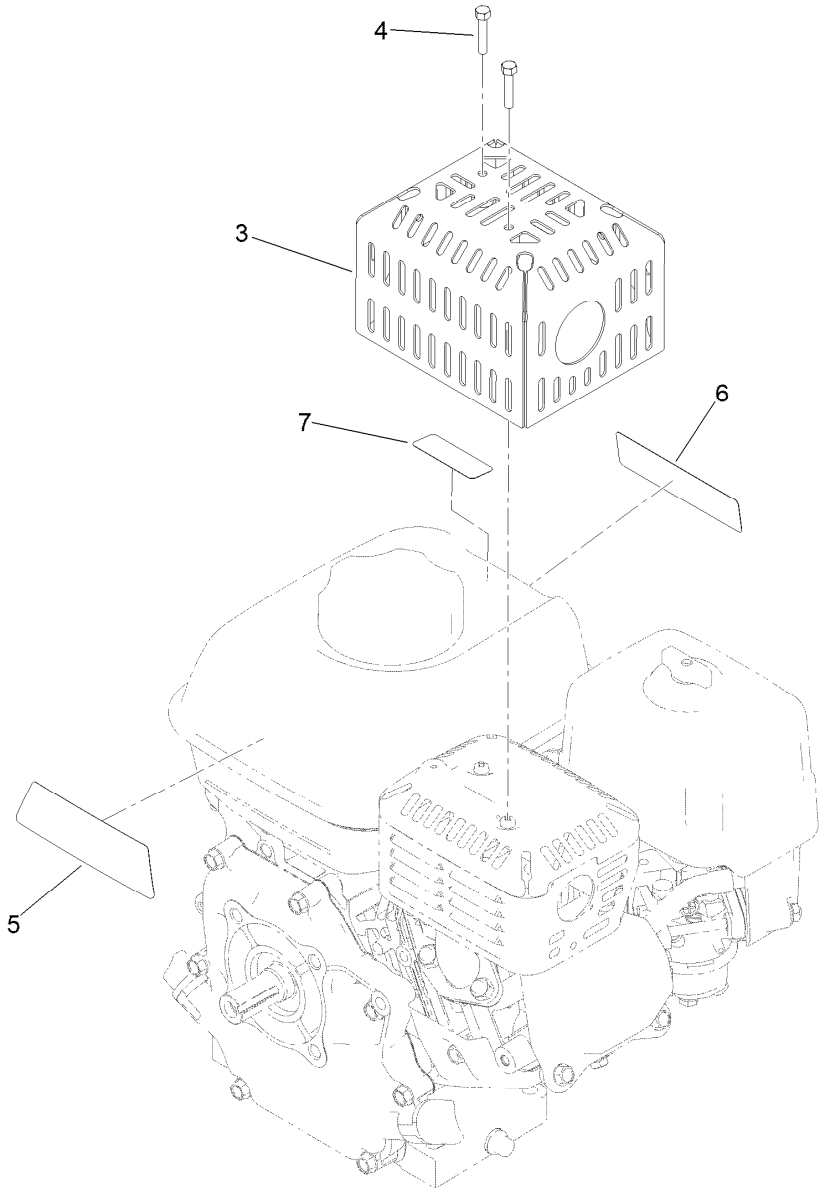
Ref.	*Part Number*	*Qty.*	*Description*
1	49-2410	2	Bearing-Ball
2	251-312	2	Bearing-Ball
3	137-0236	1	Shaft-Slider, Neutral
4	132-4555	1	Differential ASM
5	256-252	2	Bearing-Flange
6	140-9277	1	Band-Brake
7	132-4550	1	Lever-Brake
8	32120-47	1	Ring-Retaining, External
9	115-5258	1	Spring-Wire, Flat
10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



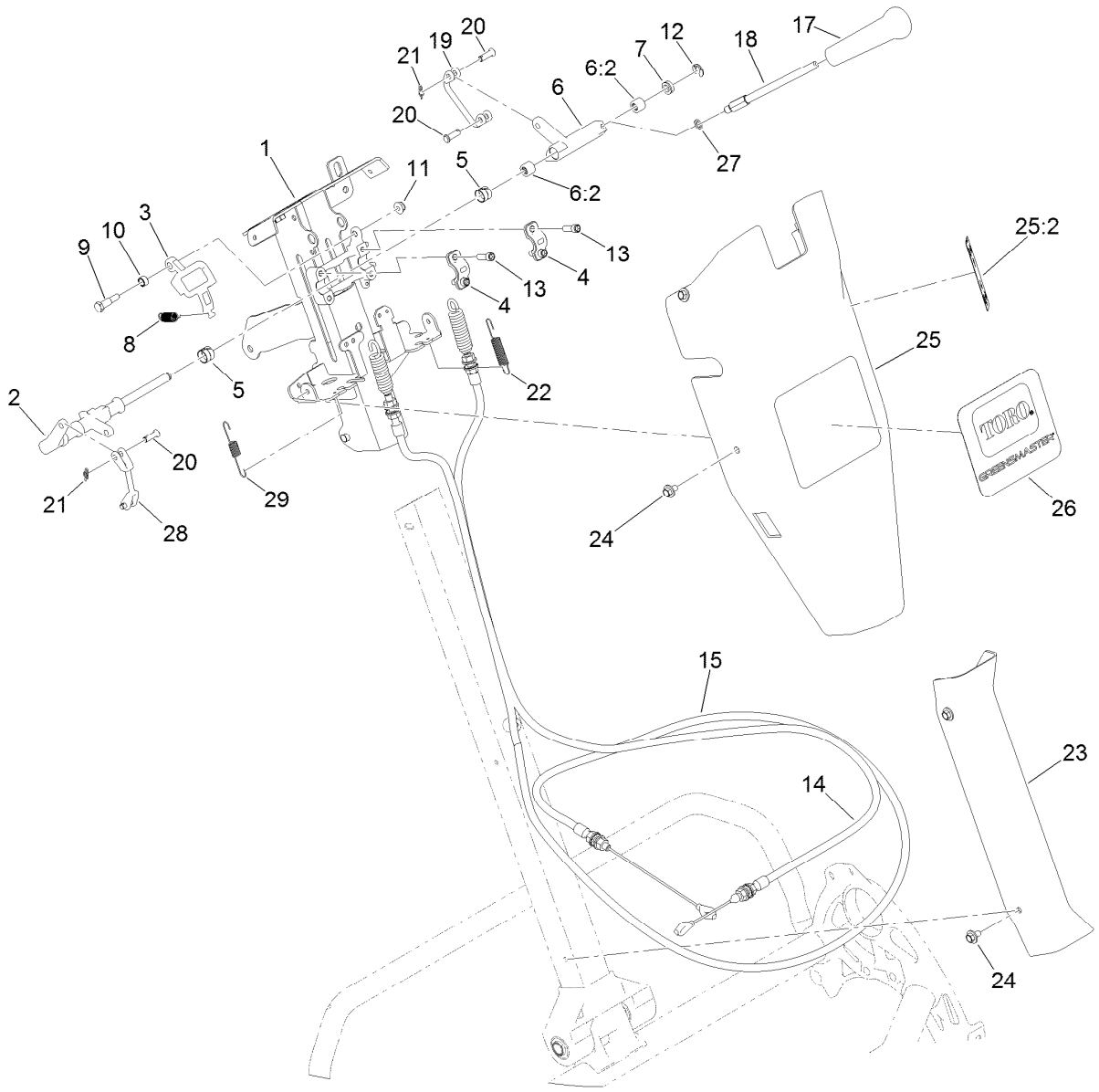
Differential Assembly No. 132-4555

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 No. 138-2142

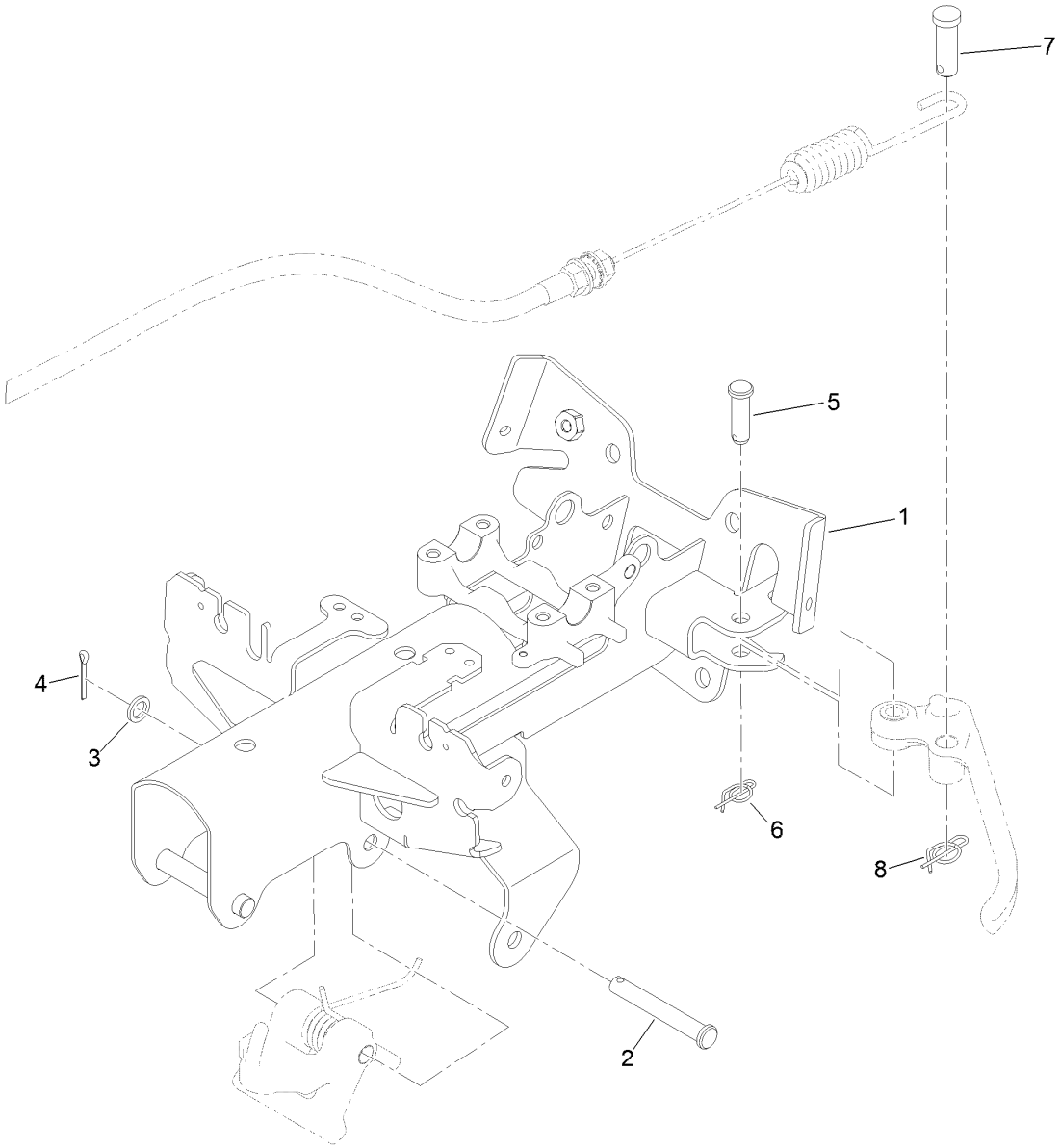
Ref.	*Part Number*	*Qty.*	*Description*
3	138-2128-03	1	Guard-Muffler
4	87-5150	2	Screw-HH
5	138-2138	1	Decal-Warning, Engine
6	133-8062	1	Decal-Arrestor, Spark
7	130-8322	1	Decal-Warning, Ethanol



Reel Controls and Covers Assembly

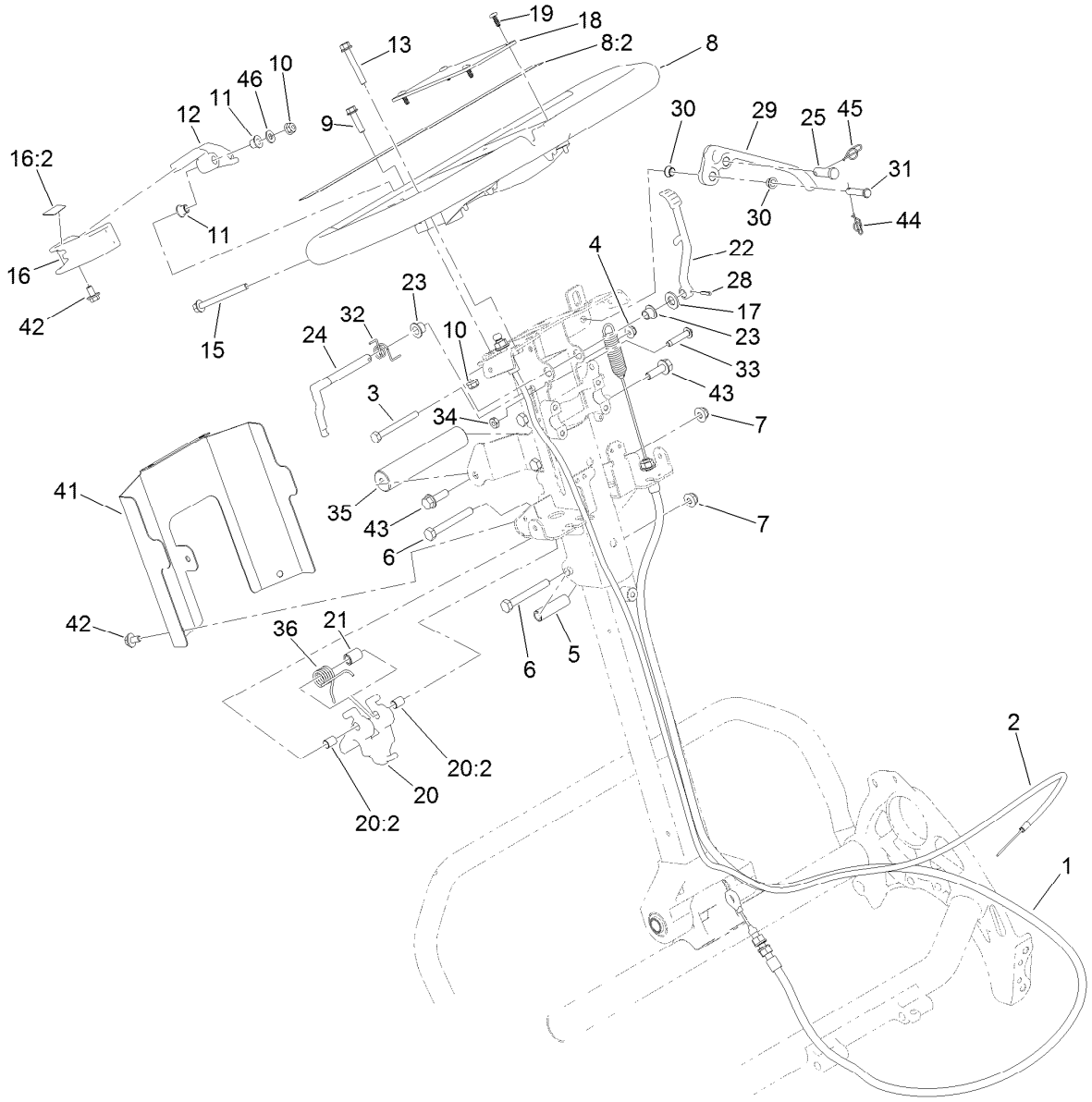
Ref.	Part Number	Qty.	Description
1	140-9323	1	Kit- Upper Receiver Replacement
2	140-9305	1	Shaft-Main, Controls
3	137-0266	1	Cam-Latch, Upper
4	138-1513	2	Clamp-Shaft, Control
5	137-0263	2	Bushing-Split
6	137-0312	1	Reel Lever ASM
6:2	138-1637	2	Bearing-Needle
7	131-3187	1	Seal-V-Ring
8	140-3410	1	Spring-Extension
9	137-0313	1	Screw-Shoulder
10	137-0346	1	Spacer-Latch, Bail
11	104-7201	1	Nut-HF
12	32151-47	1	Ring-Retaining
13	3274-8	4	Screw-HSH
14	137-0180	1	Cable-Clutch

Ref.	Part Number	Qty.	Description
15	137-0181	1	Cable-Traction
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	138-1580	1	Decal-Greensmaster 1021
27	75-5470	1	Spacer-Bearing
28	138-1592	1	Connector-Clevis
29	140-3417	1	Spring-Extension



Upper Receiver Assembly No. 140-9323

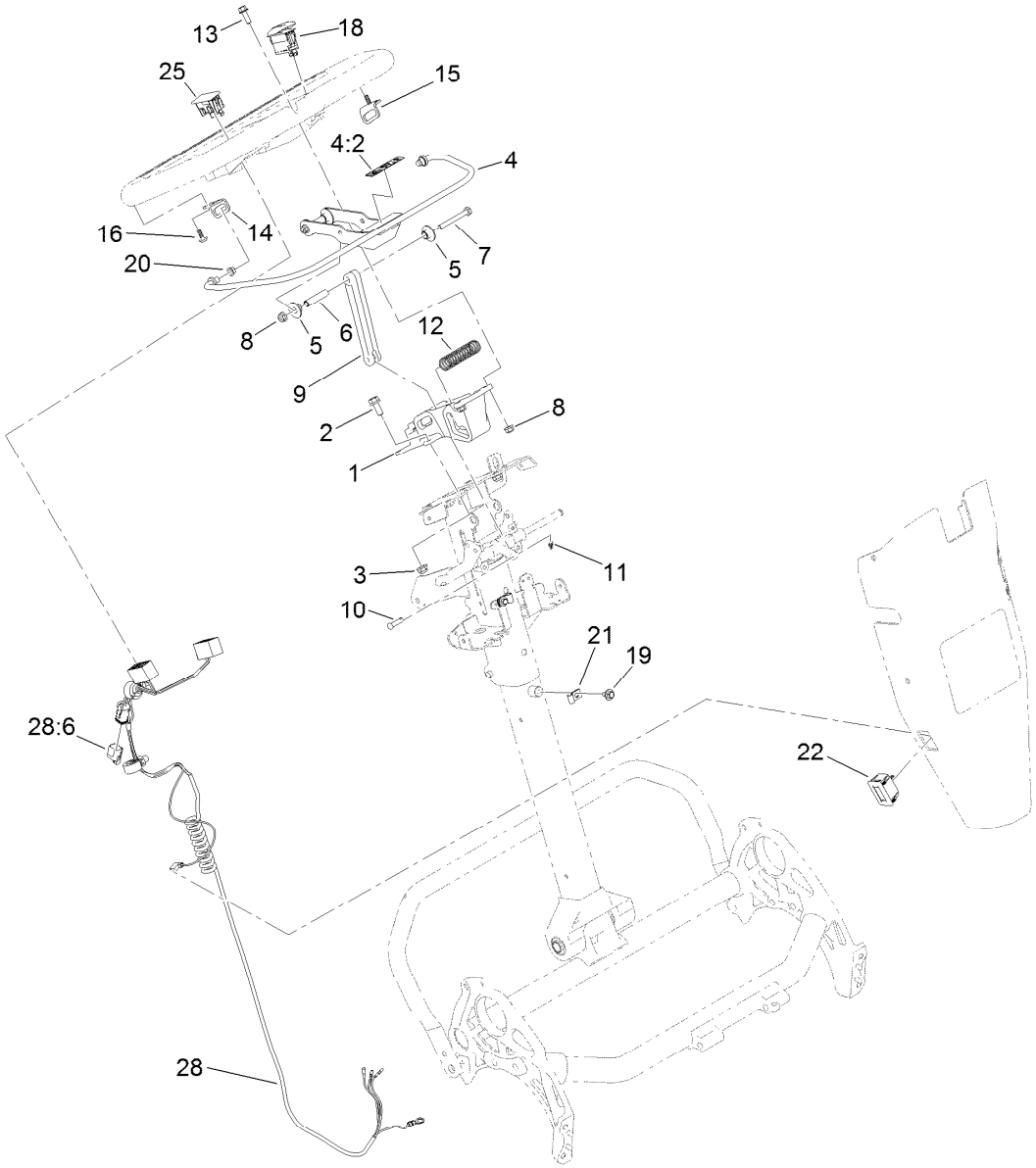
Ref.	*Part Number*	*Qty.*	*Description*
1	140-9306-0P	1	Upper Receiver, Welded
2	110-0618	1	Pin-Clevis
3	75-5470	1	Spacer-Bearing
4	3272-6	1	Pin-Cotter
5	283-61	1	Pin-Yoke
6	116-6639	1	Pin-Cotter, Locking
7	1-808285	1	Pin-Clevis
8	140-9312	1	Pin-Cotter, Locking



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
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-Flange, 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

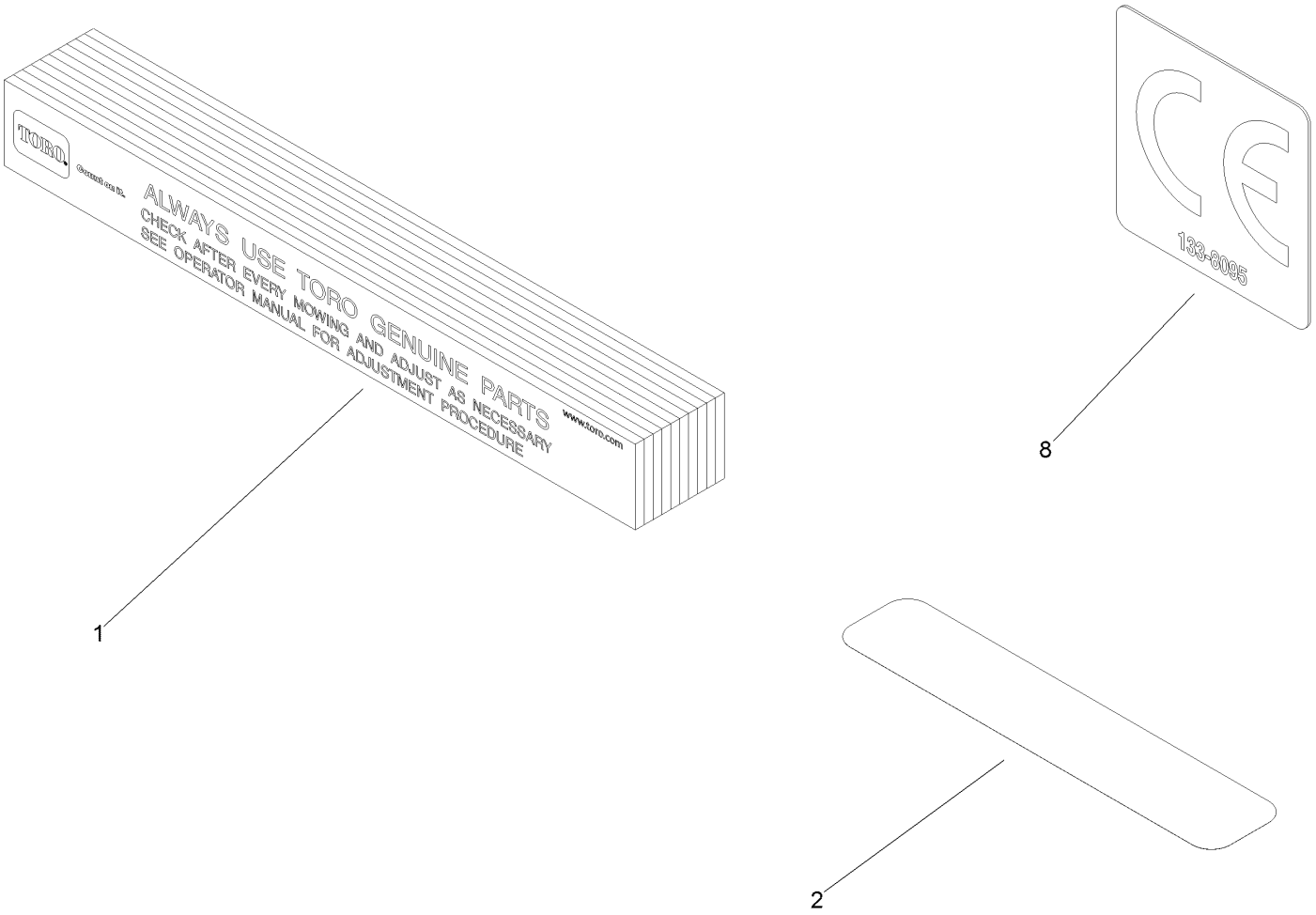
Ref.	Part Number	Qty.	Description
20:2	137-0308	2	Bushing-Igus
21	137-0318	1	Spacer-Spring
22	140-3377	1	Lever-Lock, Brake
23	138-1514	2	Bushing-Flange
24	138-1573	1	Latch-Brake
25	1-808285	1	Pin-Clevis
28	32121-73	1	Pin-Roll
29	140-9298	1	Lever-Brake
30	138-5538	2	Bushing-Flange
31	283-6	1	Pin-Clevis
32	138-1518	1	Spring-Brake, Torsion
33	132-6777	1	Screw-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-Flange, 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 04830 Greensmaster 1021 Mower

Product Name	Model/Part
8-Blade 21in Fixed Cutting Unit	04832
11-Blade 21in Fixed Cutting Unit	04833
14-Blade 21in Fixed Cutting Unit	04834
Premium Engine Oil 10w30 (55 Gallon Drum)	121-6392
Premium Engine Oil 10w30 (5 Gallon Pail)	121-6393
Paspalum Wiehle Roller, Greensmaster Flex 1021 Traction Unit	04028
Extended Wiehle Roller, 21in	04141
21 Inch Interlaced Narrow Wiehle	04805
21in Full Roller	04815
21in Wide Wiehle Roller	04825
Wide Wiehle Steel Roller Asm	107-3514
Wiehle Roller ASM, 21 Inch	140-3363
Front Brush for Wide Wiehle Roller (Qty 1)	115-7378
Front Brush for Full Roller (Qty 1)	115-7379
Front Comb for Wide Wiehle Roller (Qty 1)	115-7381
Front Comb for Full Roller (Qty 1)	115-7382
Front Scraper for Wide Wiehle Roller (Qty 1)	125-3504
Front Scraper for Full Roller (Qty 1)	125-3505
Front Brush for Interlaced Wiehle Roller (Qty 1)	139-4383
Front Scraper for Interlaced Wiehle Roller (Qty 1)	139-4385
Universal Groomer Drive	04707
21in Soft Grooming Brush	04270
21in Stiff Grooming Brush	04271
21in Twin Tip Groomer Reel	04802
21in Soft Grooming Brush Kit	127-1547
21in Stiff Grooming Brush Kit	127-1548
Roller Extension Kit	115-7361
Access Backlap Kit	139-4342
Extended HOC Arm	99-4286
Bedbar	133-4525-01
Bedknife-Tournament, Extended	108-4302
Bedknife-Microcut, Extended	108-4303
Bedknife-EDGEMAX, Microcut	115-1880
Bedknife-EDGEMAX, Tournament Cut	115-1881
Bedknife-EDGEMAX, Microcut Short	139-4320
Bedknife-EDGEMAX, Tournament Short	139-4321
Bedknife-Fairway	63-8610
Bedknife-Microcut	93-4262
Bedknife-Tournament Cut	93-4263
Bedknife-Low Cut	93-4264
Bedknife-Highcut	94-6392
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

Attachments and Accessories (continued)

Push Broom Kit, Walk Greensmower (2019+) 04136
Backlap Kit..... 04800
Wireless Hour Meter Kit..... 139-4369
MVP Kit-Cutting Unit Re-Build 121-2637
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
Height-of-Cut Bar..... 94-9010
Trans Pro 80 Tow-Behind Trailer..... 04238
Flat Ramp 04245
Rail Ramp Kit (Update)..... 04247
Trans Pro 100 Tow-Behind Trailer..... 04240
Rail Ramp Kit TP100 138-5011
Retention Kit..... 139-2683
Retention Straps Kit..... 139-6477

Notes:



Count on it.