Form No. 3454-487 Rev J

TORO®

Count on it.

Parts Catalog

GrandStand® Revolution® Mower

with 132cm TURBO FORCE® Side Discharge Cutting Unit

Model No. 18850TE—Serial No. 400000000 and Up

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

CE

3454-487 J

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.

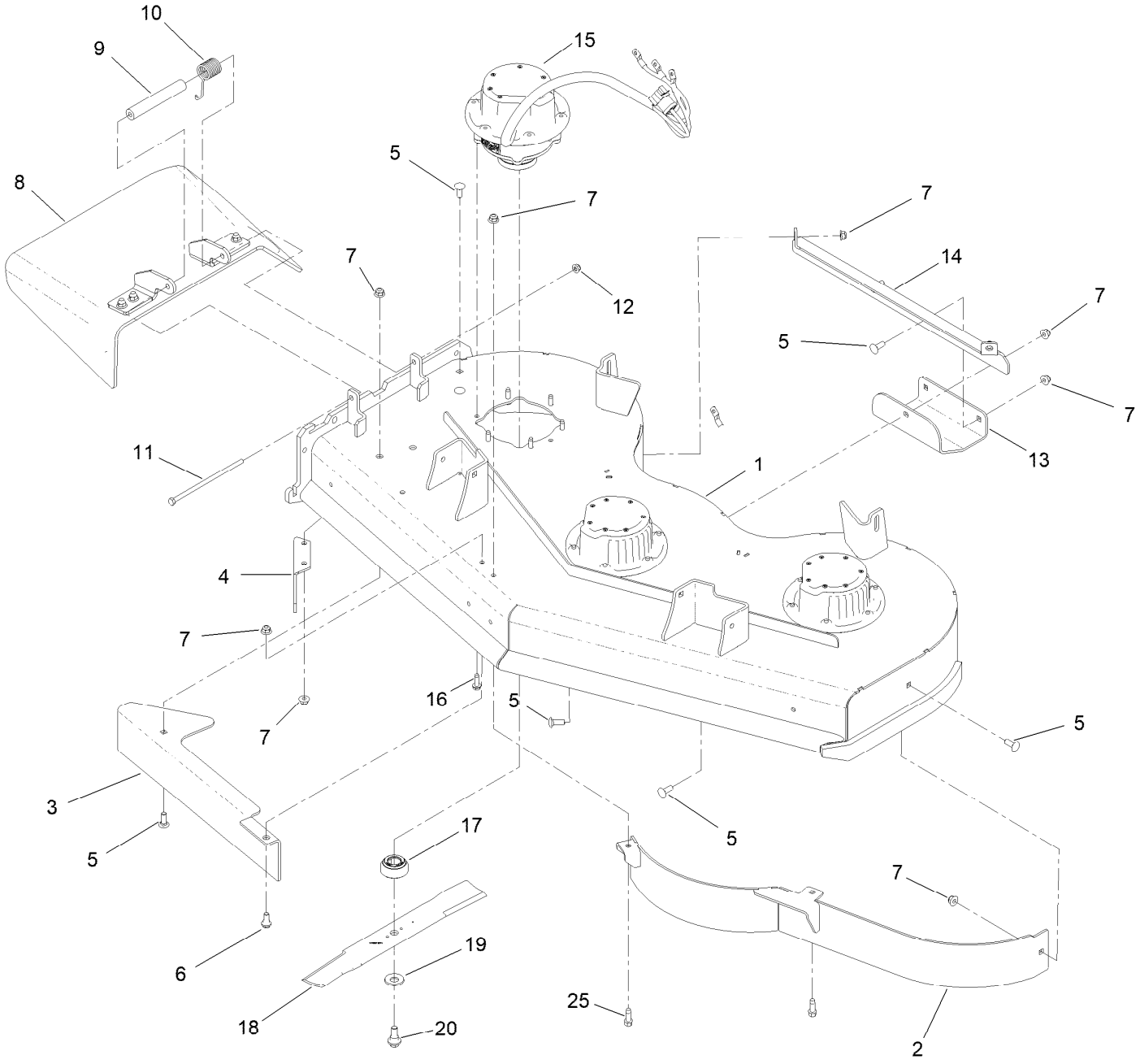
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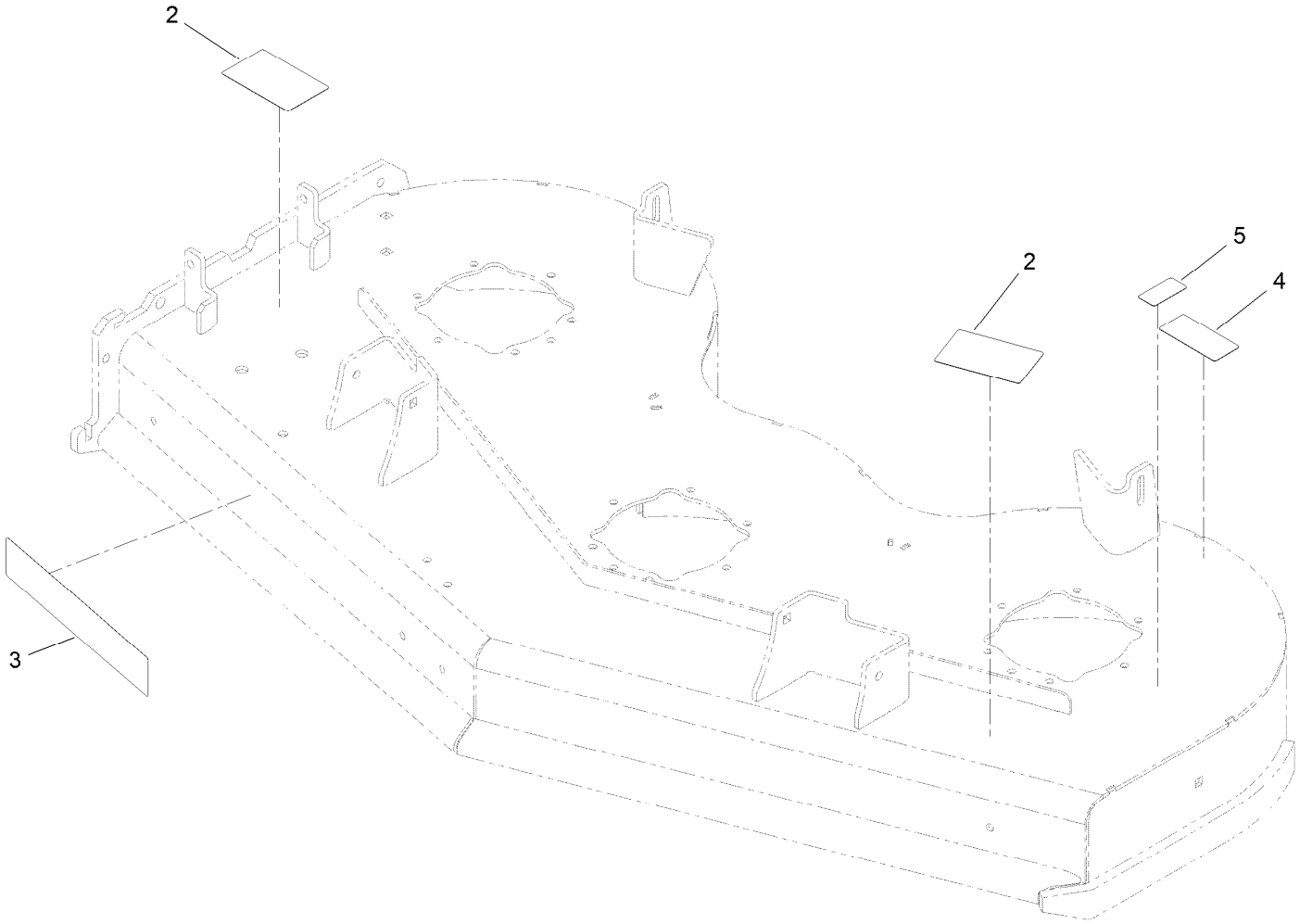
52 Inch Deck Assembly



52 Inch Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-6930	1	Deck ASM, 52In
2	144-3805-01	1	Baffle ASM, Front [red]
3	139-8105-01	1	Plate-Baffle, Formed
4	130-6594-01	1	Baffle-Discharge
5	3231-22	9	Screw-CARR
6	94-7582	1	Bolt-Shoulder
7	104-8301	12	Nut-HF, NI
8	147-1642	1	Rubber Deflector ASM
9	105-4622	1	Spacer
10	108-4052	1	Spring-Torsion
11	322-50	1	Screw-HH
12	104-8300	1	Nut-HF, NI
13	114-1908-01	1	Skid
14	130-6648-01	1	Bracket-Skid
15	147-1689	1	Motor/Gen
16	701243	18	Screw-Thd Roll, HWH
17	145-3439	3	Retainer-Blade
18	145-3504-03	3	Blade-18.0In, Med Sail
19	125-1736	3	Washer-Belleville
20	145-3499	3	Screw-Shoulder, HWH
25	92-1624	2	Screw-HWH Thd Form

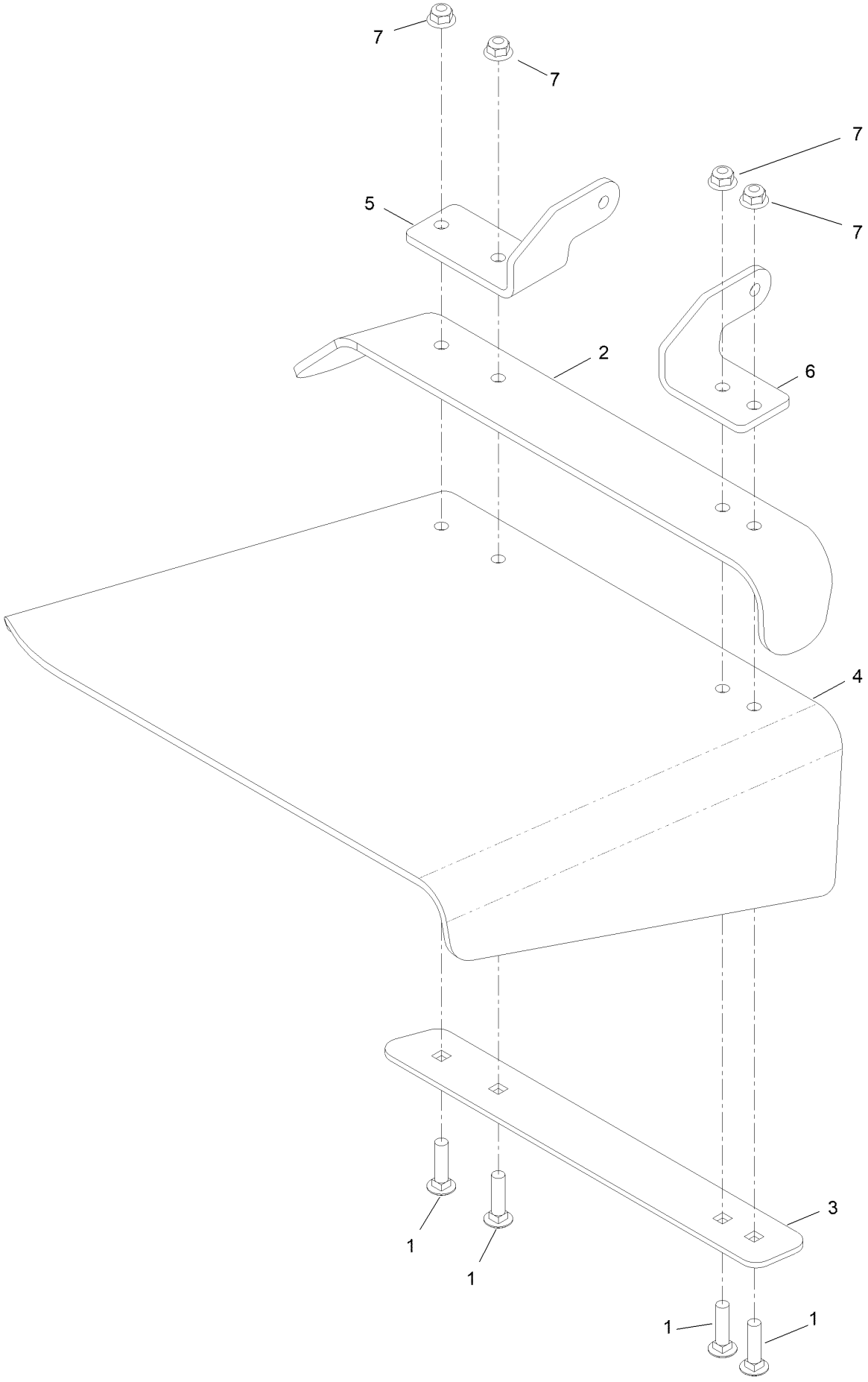
Deck Decal Assembly No. 144-6930



Deck Decal Assembly No. 144-6930 (continued)

Ref.	Part Number	Qty.	Description
2	144-7006	2	Decal-Danger, CE
3	107-1618	1	Decal
4	147-0288	1	Decal-Danger
5	137-8127	1	Decal-No Spray

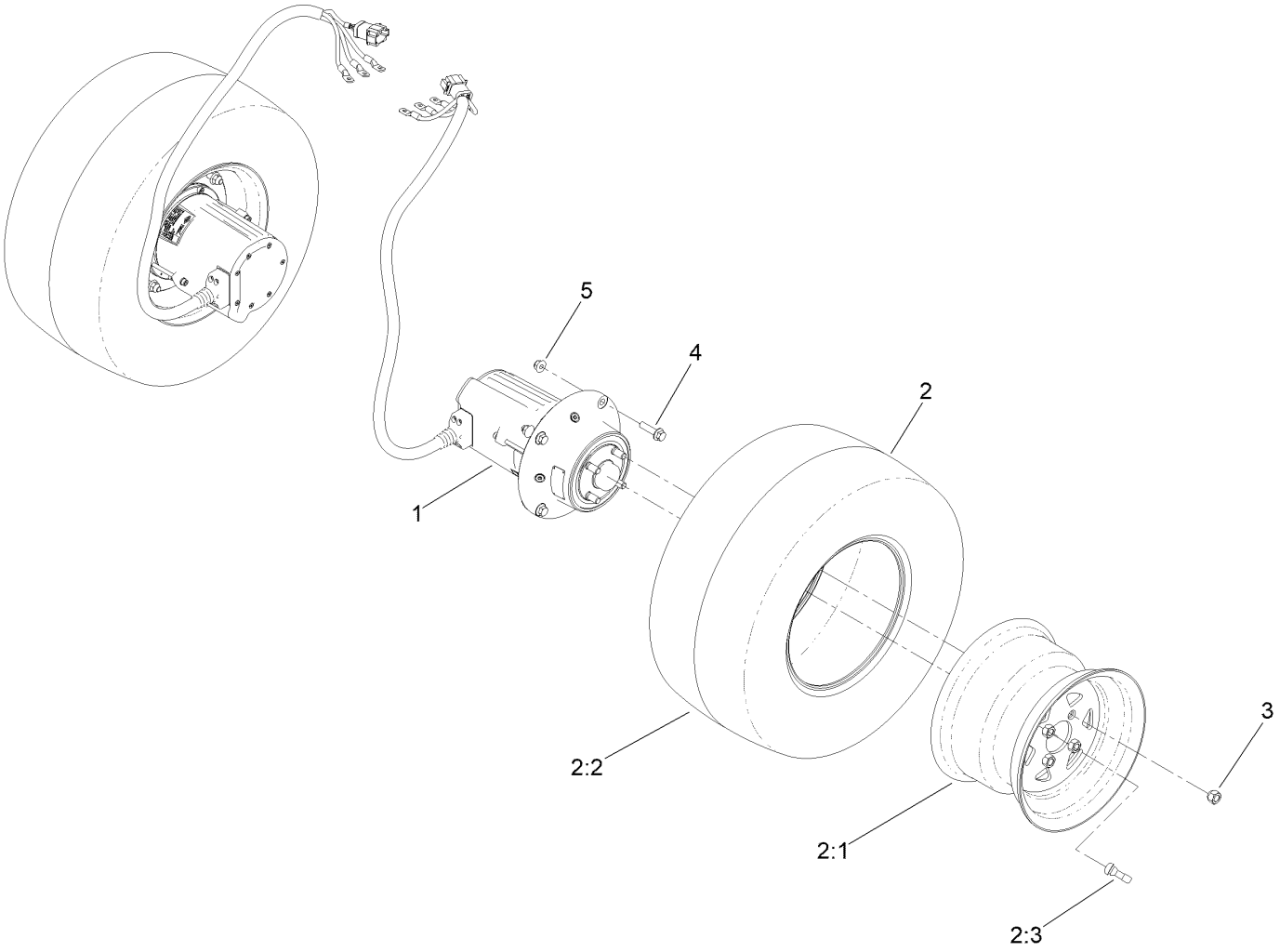
Deflector Assembly No. 147-1642



Deflector Assembly No. 147-1642 (continued)

Ref.	Part Number	Qty.	Description
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	139-8114	1	Deflector-Deck, Rubber
5	147-0386-01	1	Plate-Hinge, Rear
6	147-0387-01	1	Plate-Hinge, Front
7	104-8301	4	Nut-HF, NI

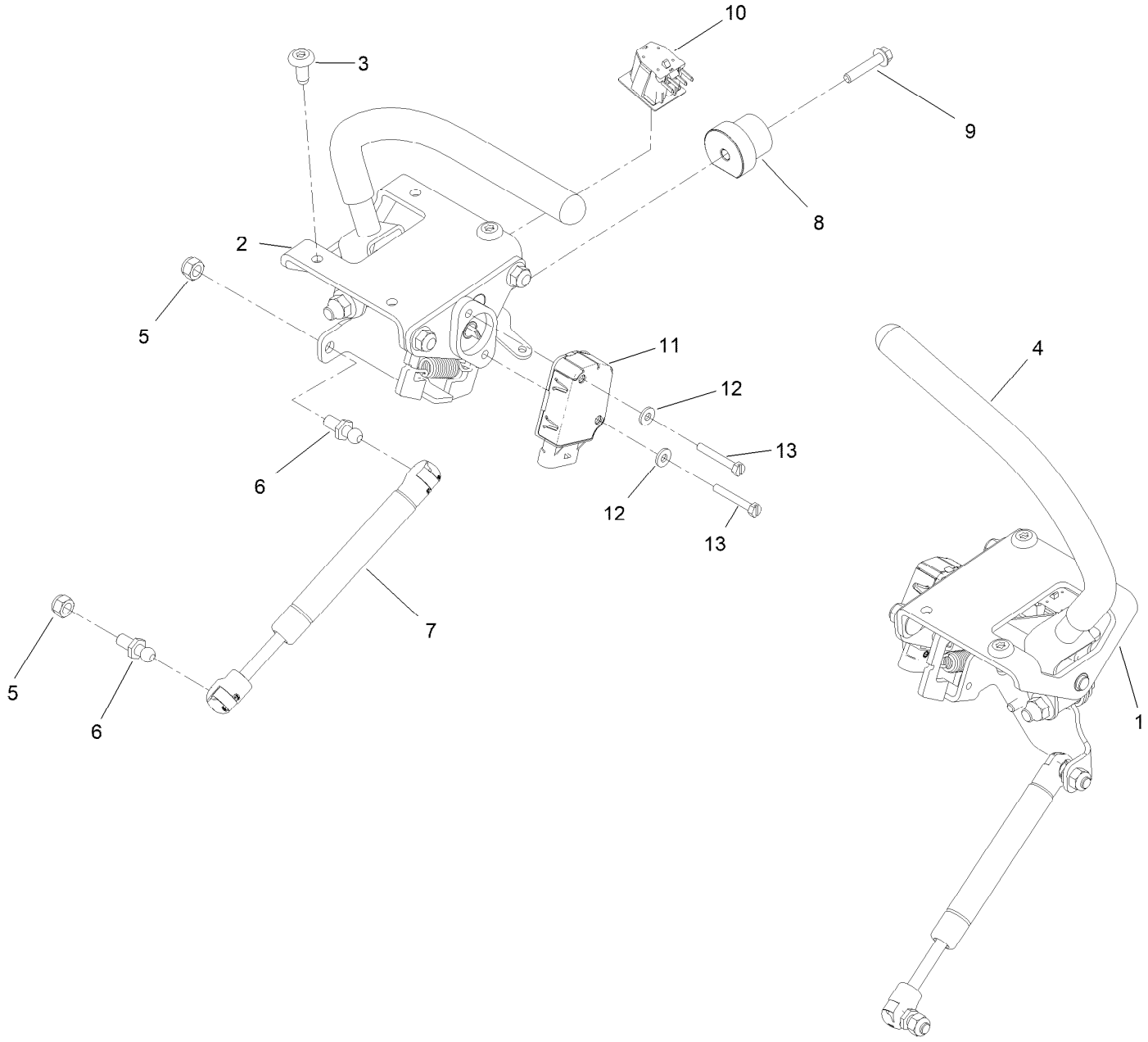
Ground Drive Assembly



Ground Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	147-1688	1	Motor/Gearbox ASM-48V,
2	144-3846	2	Wheel And Tire ASM
2:1	144-3847	1	Rim-10 In
2:2	144-1519	1	Tire
2:3	232-27	1	Stem-Valve
3	242-35	8	Nut-Wheel
4	114-4681	8	Screw-HHF
5	104-8301	8	Nut-HF, NI

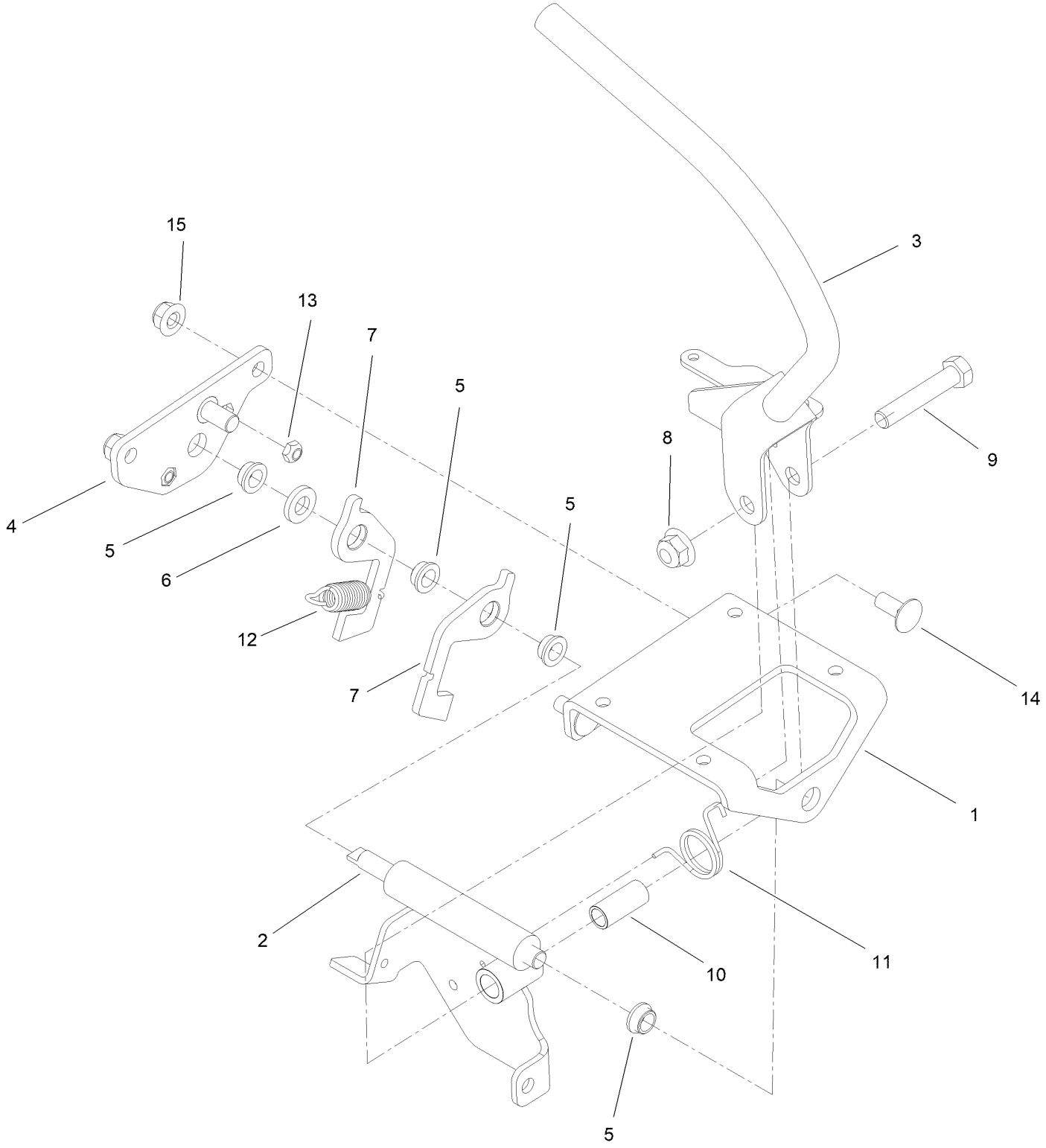
Motion Control Assembly



Motion Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-1421	1	Control Handle ASM, LH
2	144-1422	1	Control Handle ASM, RH
3	138-9753	4	Screw
4	119-0222	2	Grip
5	138-8401	4	Nut-HF
6	103-5752	4	Stud-Ball
7	139-1523	2	Damper
8	126-1499	2	Cam
9	32144-110	2	Screw-HWH
10	145-3520	2	Switch-Plunger, On-(On)
11	122-0917	2	Sensor-Position
12	3256-14	4	Washer-Flat
13	32105-1	4	Screw-SHH

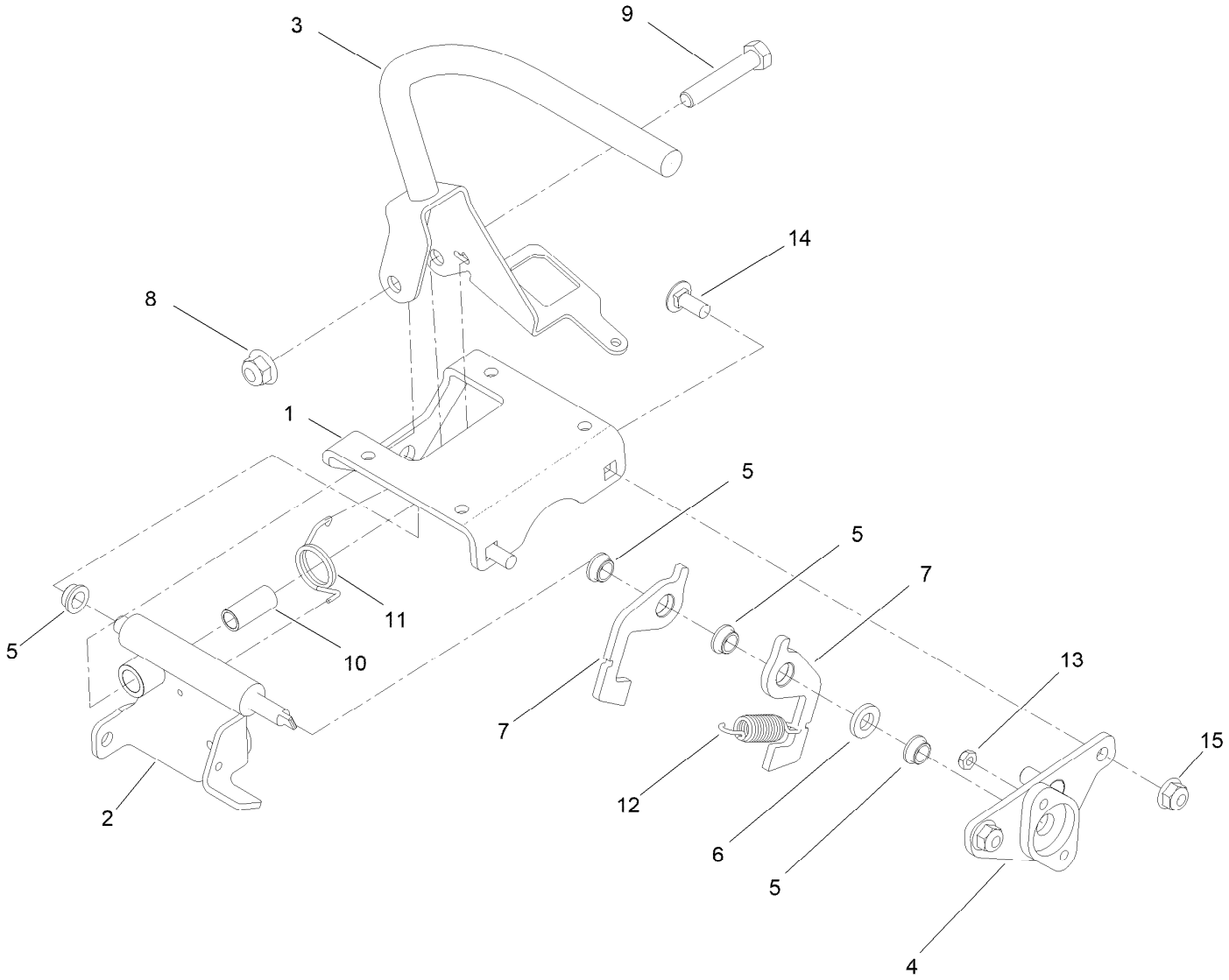
LH Control Handle Assembly No. 144-1421



LH Control Handle Assembly No. 144-1421 (continued)

Ref.	Part Number	Qty.	Description
1	144-1427	1	Bracket-Control Mount
2	145-3585	1	Motion Control ASM LH
3	145-3579	1	LH Lever ASM
4	144-1491	1	Plate ASM-Sensor LH
5	139-1525	4	Bushing-Flanged Nylon
6	139-6293	1	Washer
7	139-1513	2	Plate-Spring
8	104-8301	1	Nut-HF, NI
9	323-10	1	Screw-HH
10	131-3562	1	Bearing-Sleeve
11	139-1508	1	Spring-Torsion
12	139-2859	1	Spring-Extension
13	3296-12	2	Nut-Lock, NI
14	3230-23	2	Bolt-CARR
15	104-8300	2	Nut-HF, NI

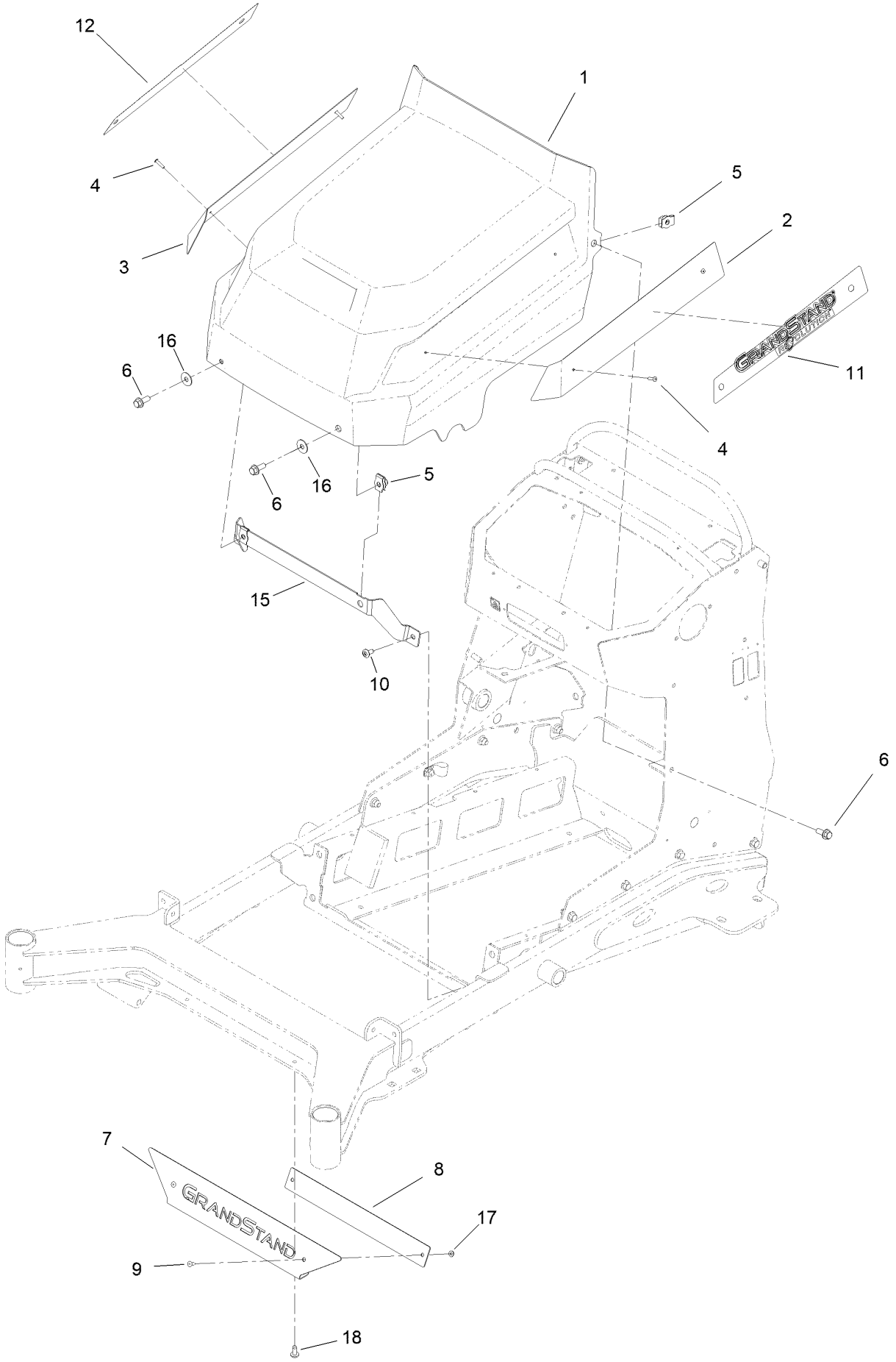
RH Control Handle Assembly No. 144-1422



RH Control Handle Assembly No. 144-1422 (continued)

Ref.	Part Number	Qty.	Description
1	144-1427	1	Bracket-Control Mount
2	145-3586	1	Motion Control ASM RH
3	145-3580	1	RH Lever ASM
4	144-1510	1	Plate ASM-Sensor RH
5	139-1525	4	Bushing-Flanged Nylon
6	139-6293	1	Washer
7	139-1513	2	Plate-Spring
8	104-8301	1	Nut-HF, NI
9	323-10	1	Screw-HH
10	131-3562	1	Bearing-Sleeve
11	139-1538	1	Spring-Torsion
12	139-2859	1	Spring-Extension
13	3296-12	2	Nut-Lock, NI
14	3230-23	2	Bolt-CARR
15	104-8300	2	Nut-HF, NI

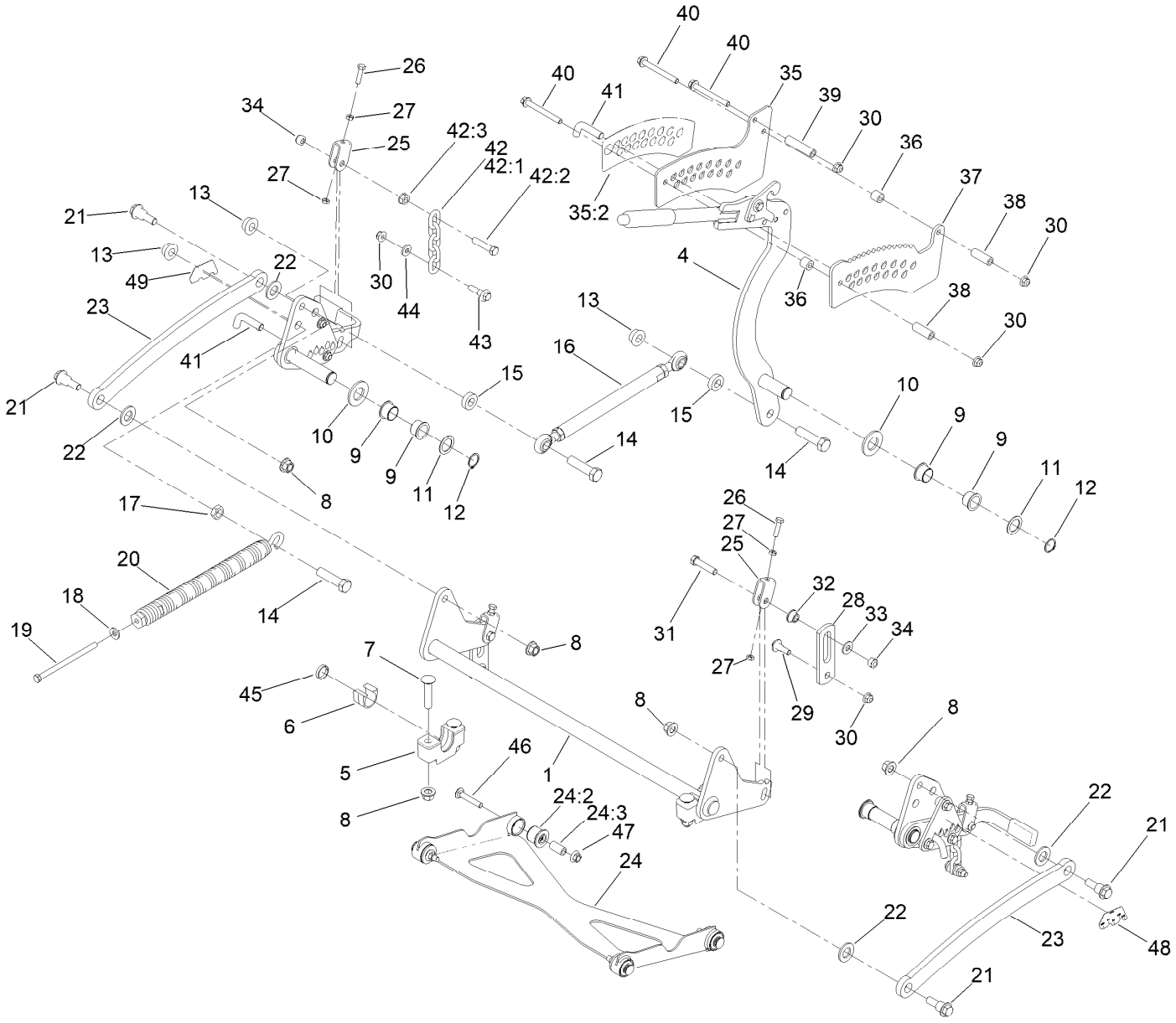
Cover Assembly



Cover Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-6896	1	Cover-Battery
2	144-6899	1	Plate-Insert, Cover
3	144-6901	1	Plate-Insert, Cover
4	130-8451	4	Rivet-Trifold
5	105-4886	4	Nut-Tinnerman
6	3234-42	4	Screw-HHF
7	144-7024-03	1	Plate-Front, Egrandstand
8	144-7028	1	Plate-Cover
9	114439	2	Rivet-Blind
10	138-9753	2	Screw
11	144-7007	1	Decal-Lithium Left
12	144-7014	1	Decal-Lithium Right
15	144-6894-03	1	Bracket-Mount, Cover
16	52-2860	2	Washer
17	3269-26	2	Washer-Plain
18	92-1624	2	Screw-HWH Thd Form

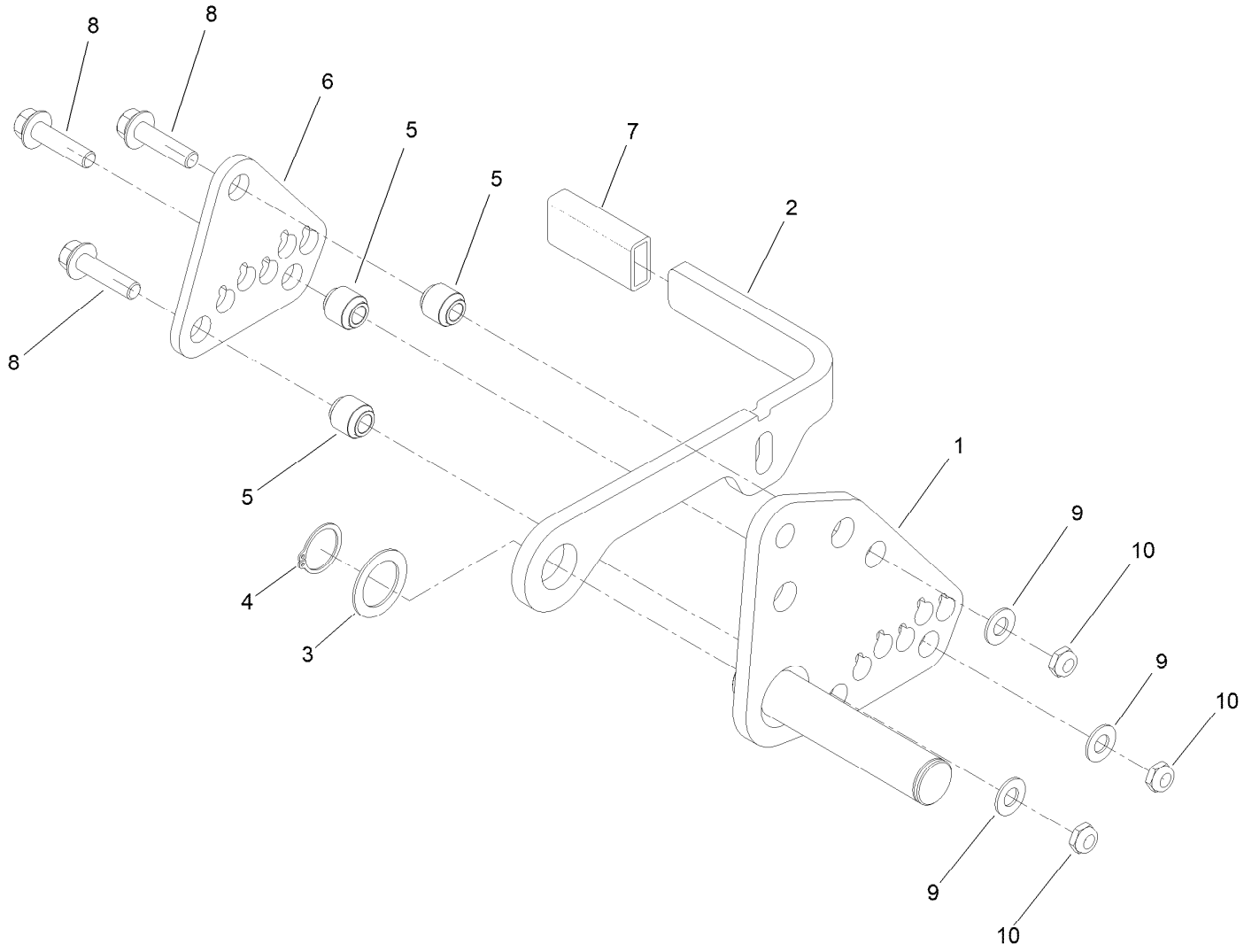
Deck Lift Assembly



Deck Lift Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-8405-01	1	Shaft-Cross, Front
4	130-1755	1	HOC Lever ASM
5	109-9409	2	Support-Bearing, Cross Shaft (Front)
6	109-9410	2	Bearing-Cross Shaft, Front
7	116-1700	4	Bolt-CARR
8	99-5107	8	Nut-HF Nylock
9	127-0369	6	Bushing
10	3256-62	3	Washer-Plain
11	10-8110	3	Washer-Thrust
12	32151-29	3	Ring-Retaining
13	138-4932	3	Nut-Hex Flg
14	138-4931	3	Screw-Lock
15	119-6223	2	Washer
16	130-6615	1	HOC Link ASM
17	3218-6	1	Nut-Jam
18	98-5975	1	Washer-Belleville
19	323-58	1	Bolt-TAP, HH
20	116-0886	1	Spring-Extension
21	116-0780	4	Screw-Shoulder, HHF
22	3256-28	4	Washer-Flat
23	127-1948-03	2	Link-Lift
24	137-4129	1	Deck Strut ASM
24:2	137-4108	4	Bushing-Rubber
24:3	108-6544	4	Spacer
25	109-9066	4	Yoke-Adjust, Deck
26	322-47	4	Screw-HH
27	3218-2	8	Nut-Hex Jam
28	130-6589	2	Link-Lift
29	109-9840	2	Screw-Shoulder, HHF
30	104-8301	7	Nut-HF, NI
31	109-9065	2	Screw-HH-Spcl
32	116-2428	2	Bushing-Flanged
33	3256-4	4	Washer-Flat
34	3296-48	4	Nut-Hex
35	147-1676	1	HOC Plate And Decal ASM
35:2	140-5405	1	Decal-HOC
36	121-1760	2	Spacer
37	138-4887	1	Plate-HOC, Inner
38	95-6448	2	Spacer
39	138-1111	1	Spacer
40	116-4701	3	Screw-HHF
41	138-7203	3	Pin-HOC
42	116-0756	2	Deck Lift Chain ASM
42:1	1-633447	1	Chain-Lift, Deck
42:2	109-9065	1	Screw-HH-Spcl
42:3	32128-37	1	Nut-HF
43	130-0742	2	Bolt-Shoulder
44	43-0940	2	Spacer
45	133-1431	1	Spacer-Split
46	3231-7	4	Screw-CARR
47	32128-19	4	Nut-HF Lock,Large Flg
48	144-7013	1	Decal-Deck Rake, LH
49	144-7012	1	Decal-Deck Rake, RH

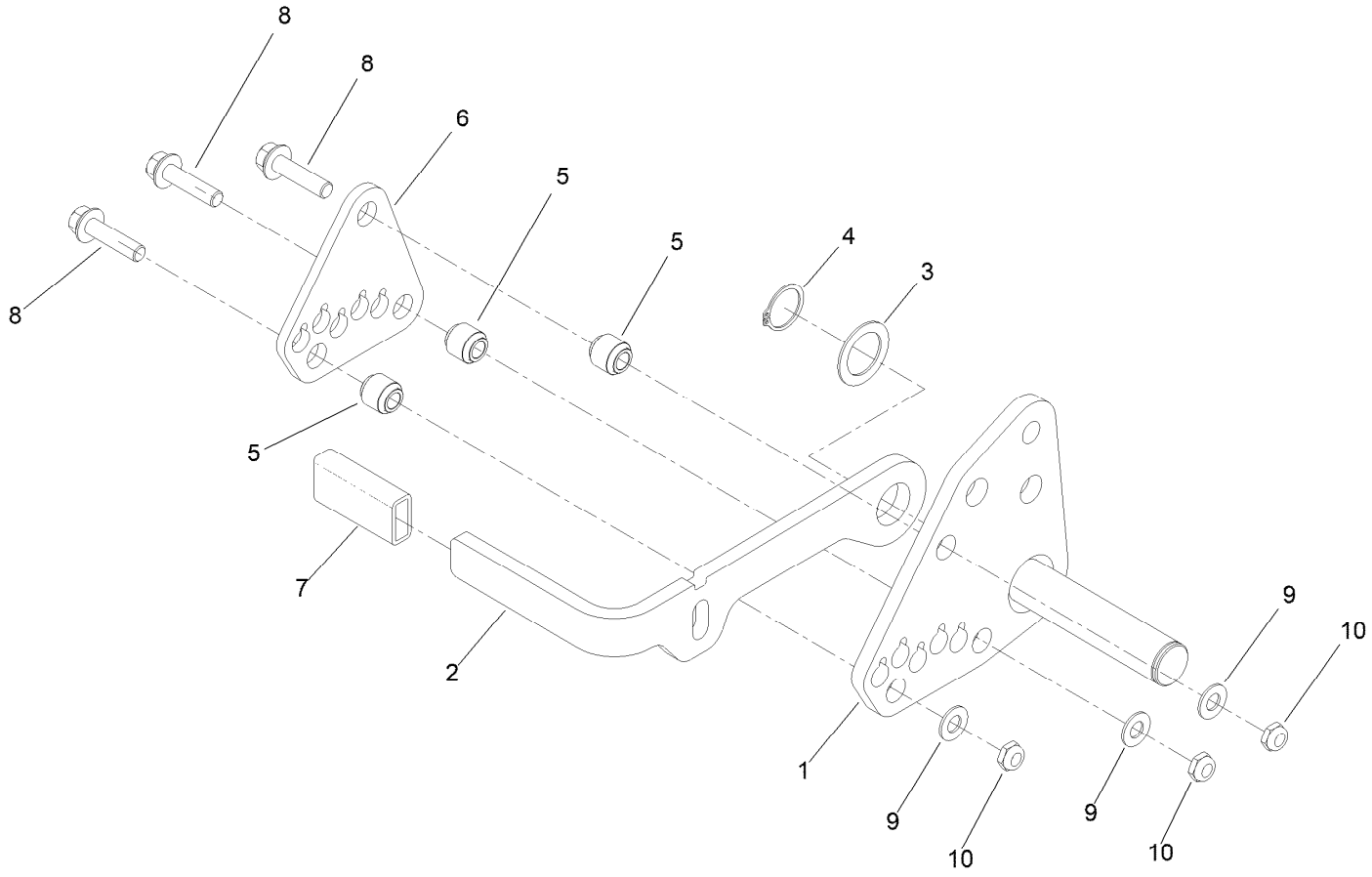
RH HOC Pivot Assembly



RH HOC Pivot Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-1550-01	1	Pivot ASM-RH HOC [red]
2	144-1547-01	1	Lever-Rake, Deck [red]
3	10-8110	1	Washer-Thrust
4	32151-29	1	Ring-Retaining
5	138-7201	3	Spacer-Double Step
6	144-1553-01	1	Plate-Rake Adj, Outer
7	116-4312	1	Grip-Flat
8	114-4681	3	Screw-HHF
9	48-9220	3	Washer-Flat
10	3296-59	3	Nut-Lock, NI

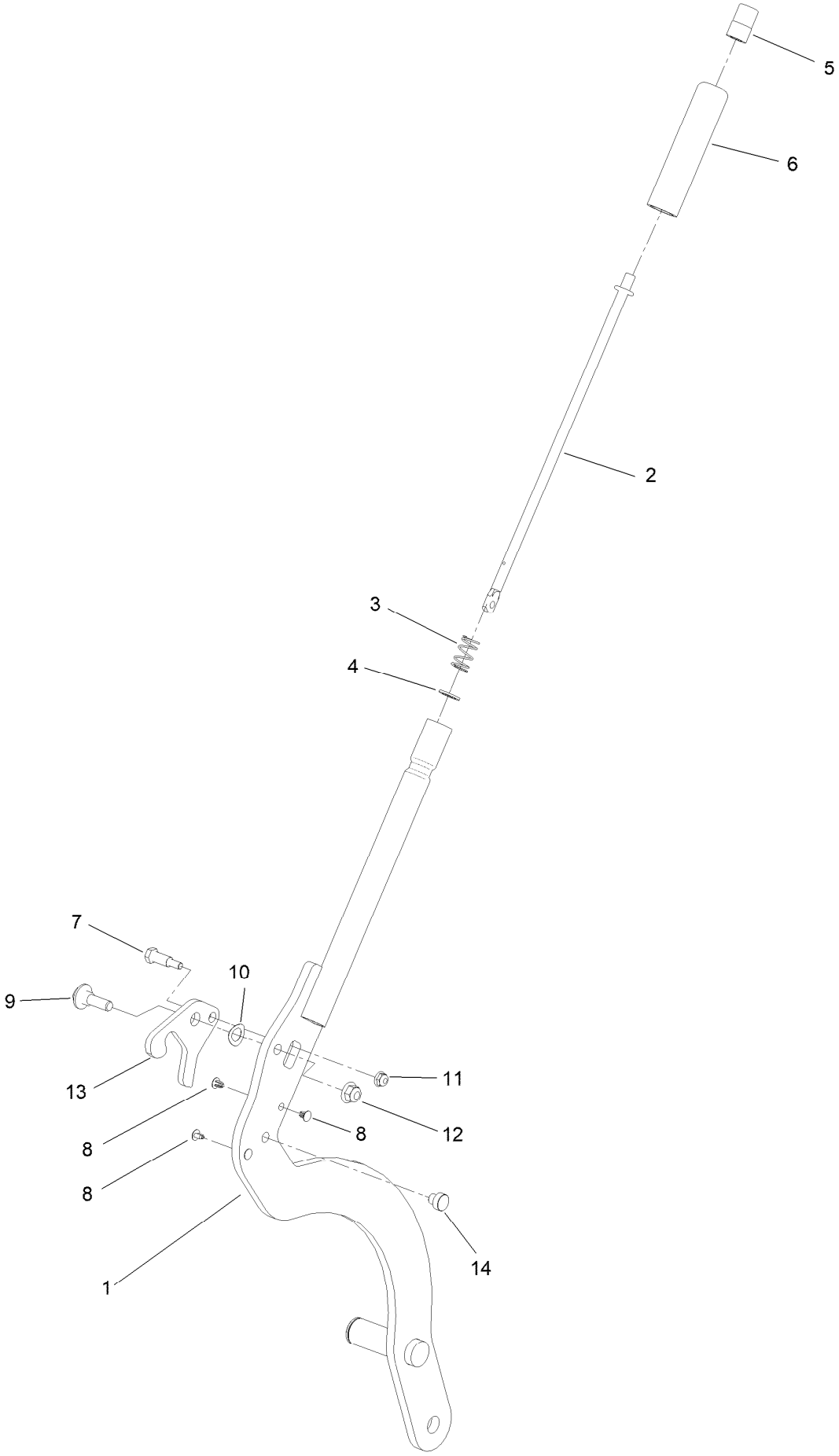
LH HOC Pivot Assembly



LH HOC Pivot Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-1556-01	1	Pivot ASM-LH HOC [red]
2	144-1558-01	1	Lever-Rake, Deck [red]
3	10-8110	1	Washer-Thrust
4	32151-29	1	Ring-Retaining
5	138-7201	3	Spacer-Double Step
6	144-1553-01	1	Plate-Rake Adj, Outer
7	116-4312	1	Grip-Flat
8	114-4681	3	Screw-HHF
9	48-9220	3	Washer-Flat
10	3296-59	3	Nut-Lock, NI

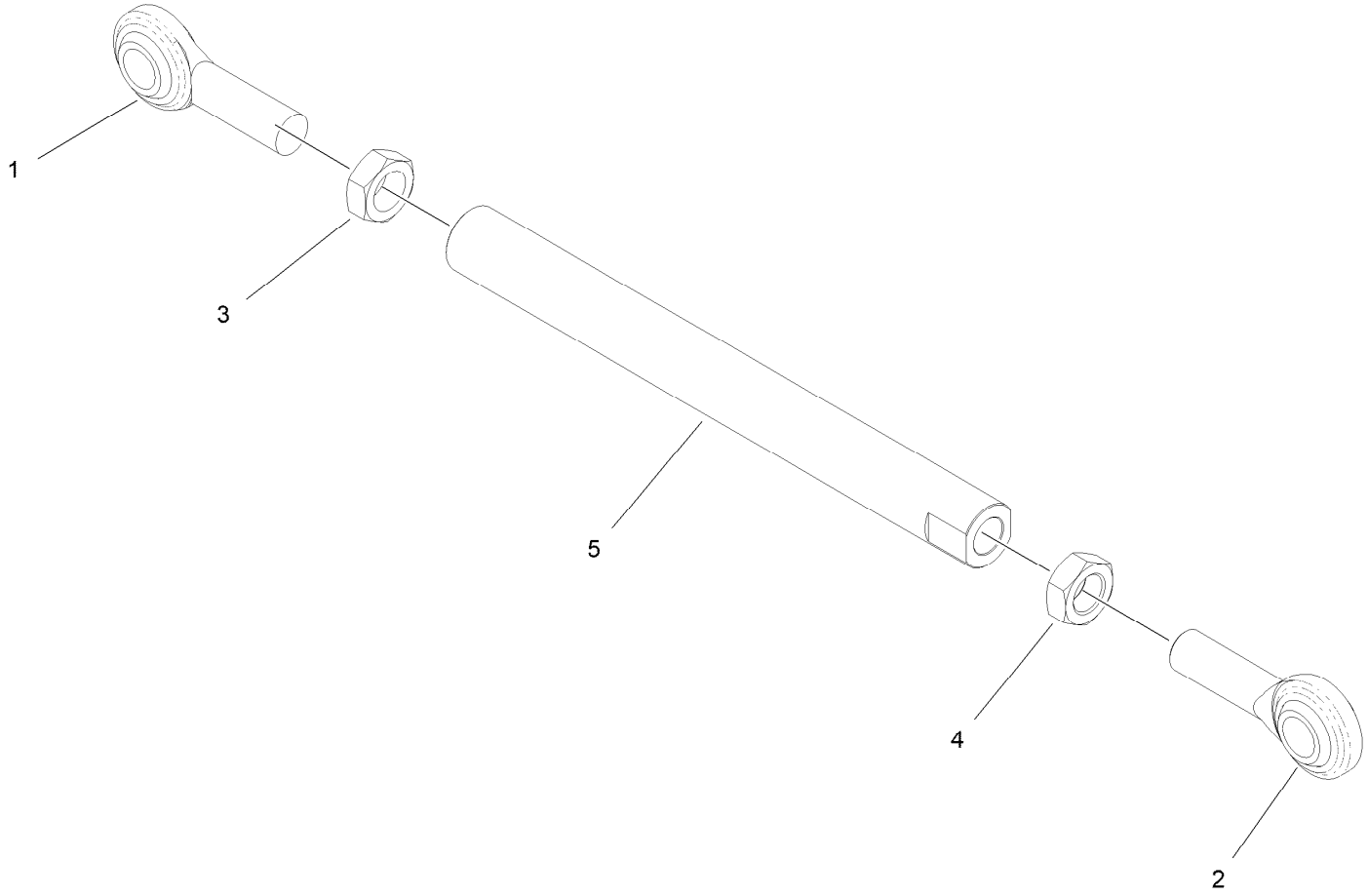
HOC Level Assembly No. 130-1755



HOC Level Assembly No. 130-1755 (continued)

Ref.	Part Number	Qty.	Description
1	130-1775-01	1	Lever-Lift
2	136-0530	1	Rod-Latch, Release
3	114-8187	1	Spring-Compression
4	114-1207	1	Washer-Special
5	115-2750	1	Knob
6	115-3592	1	Grip
7	119-2309	1	Bolt-Shldr,HH
8	103-1363	4	Rivet
9	614672	1	Screw-Shoulder, HWH
10	110-8982	1	Washer-Spring
11	104-7201	1	Nut-HF, NI
12	104-8301	1	Nut-HF, NI
13	138-4888	1	Latch-HOC
14	138-4863	1	Plug-Wear

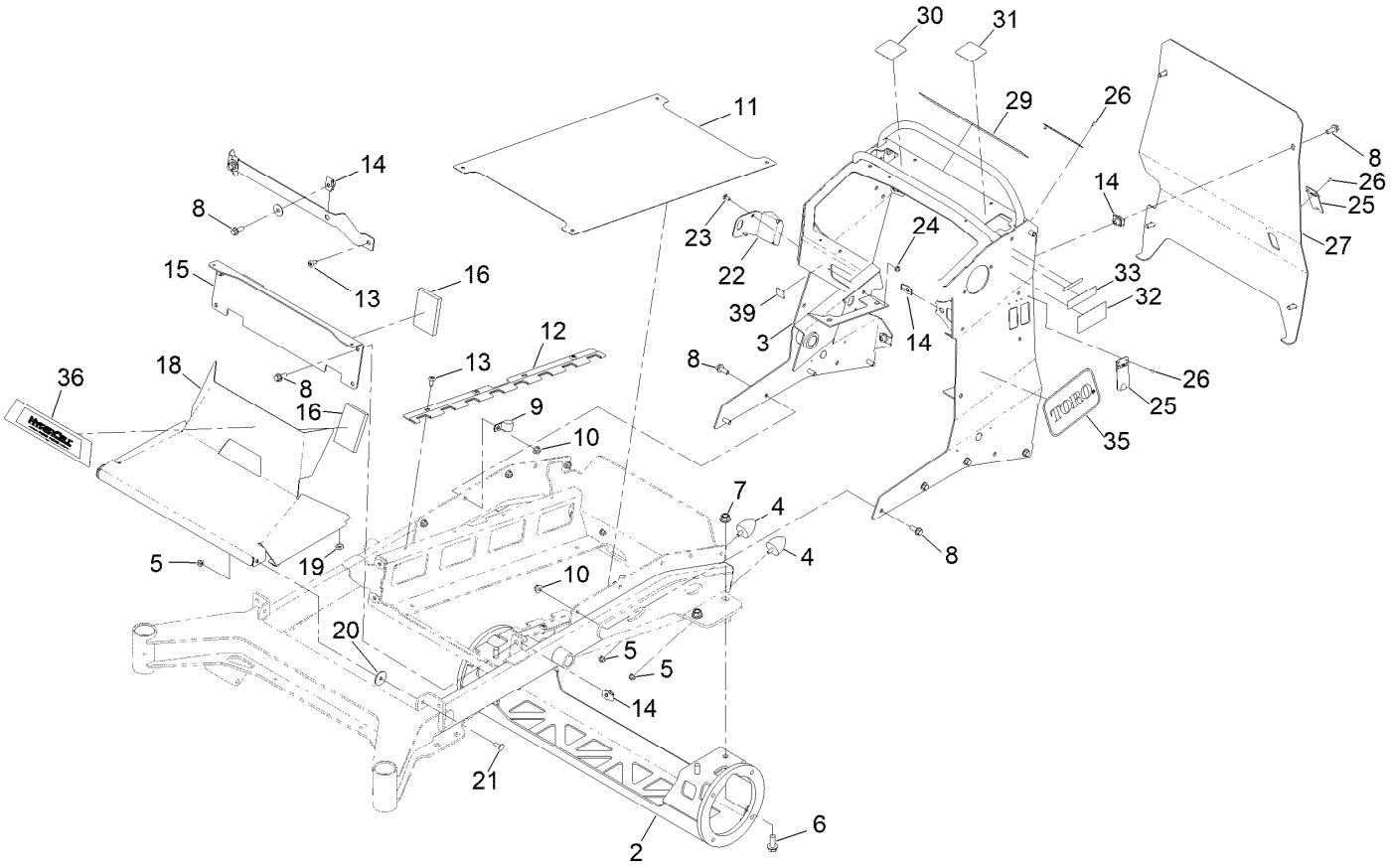
HOC Link Assembly No. 130-6615



HOC Link Assembly No. 130-6615 (continued)

Ref.	Part Number	Qty.	Description
1	1-633029	1	Balljoint-Spherical
2	117-5291	1	Balljoint-Spherical
3	3220-6	1	Nut-Jam
4	117-5293	1	Nut-Jam
5	130-6614	1	Link-Height Of Cut

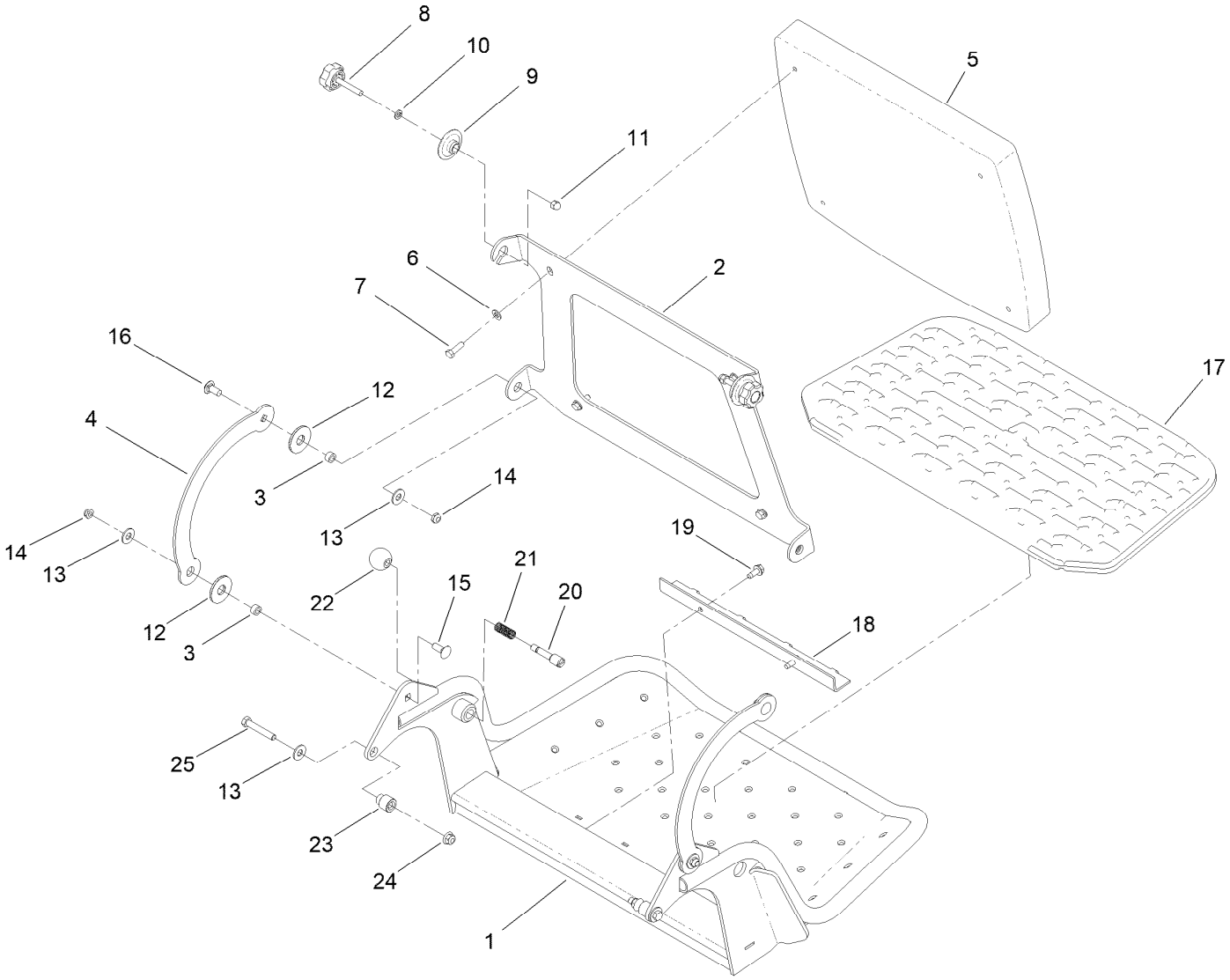
Frame Assembly



Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
2	144-3840-01	1	Frame-Axle ASM [red]
3	144-1580	1	Tower ASM
4	114-1926	4	Bumper-Rubber
5	104-8300	6	Nut-HF, NI
6	3234-38	4	Screw-HHF
7	99-5107	4	Nut-HF Nylock
8	3234-42	14	Screw-HHF
9	2412-4	2	Clamp-R
10	104-8301	8	Nut-HF, NI
11	145-3403-03	1	Plate-Skid
12	144-3874-03	2	Bracket-Retention, Battery
13	138-9753	6	Screw
14	105-4886	10	Nut-Tinnerman
15	144-6957-03	1	Plate-Battery Mnt
16	100-2196	3	Pad-Foam
18	144-7023-03	1	Cover-Motor Controller
19	1-513658	4	Bumper
20	107-3002	2	Washer-Nylon
21	3230-10	2	Bolt-CARR
22	144-6862	1	Plate-Latch
23	3229-11	1	Screw-CARR
24	104-7201	1	Nut-HF, NI
25	144-6628	2	Plate-Cover, Spring
26	3290-271	6	Rivet-Pop
27	144-3876-03	1	Plate-Cover, Plate
29	144-7002	1	Decal-Warning
30	144-7004	1	Decal-OPC Control, Right
31	144-7003	1	Decal-OPC Control, Left
32	147-0289	1	Decal-Charging Port
33	144-7008	1	Decal-Service, Shut-Off
35	145-3437	2	Decal-Toro Logo
36	144-7015	1	Decal-Hypercell 1900
39	147-0290	1	Decal-Light, Warning

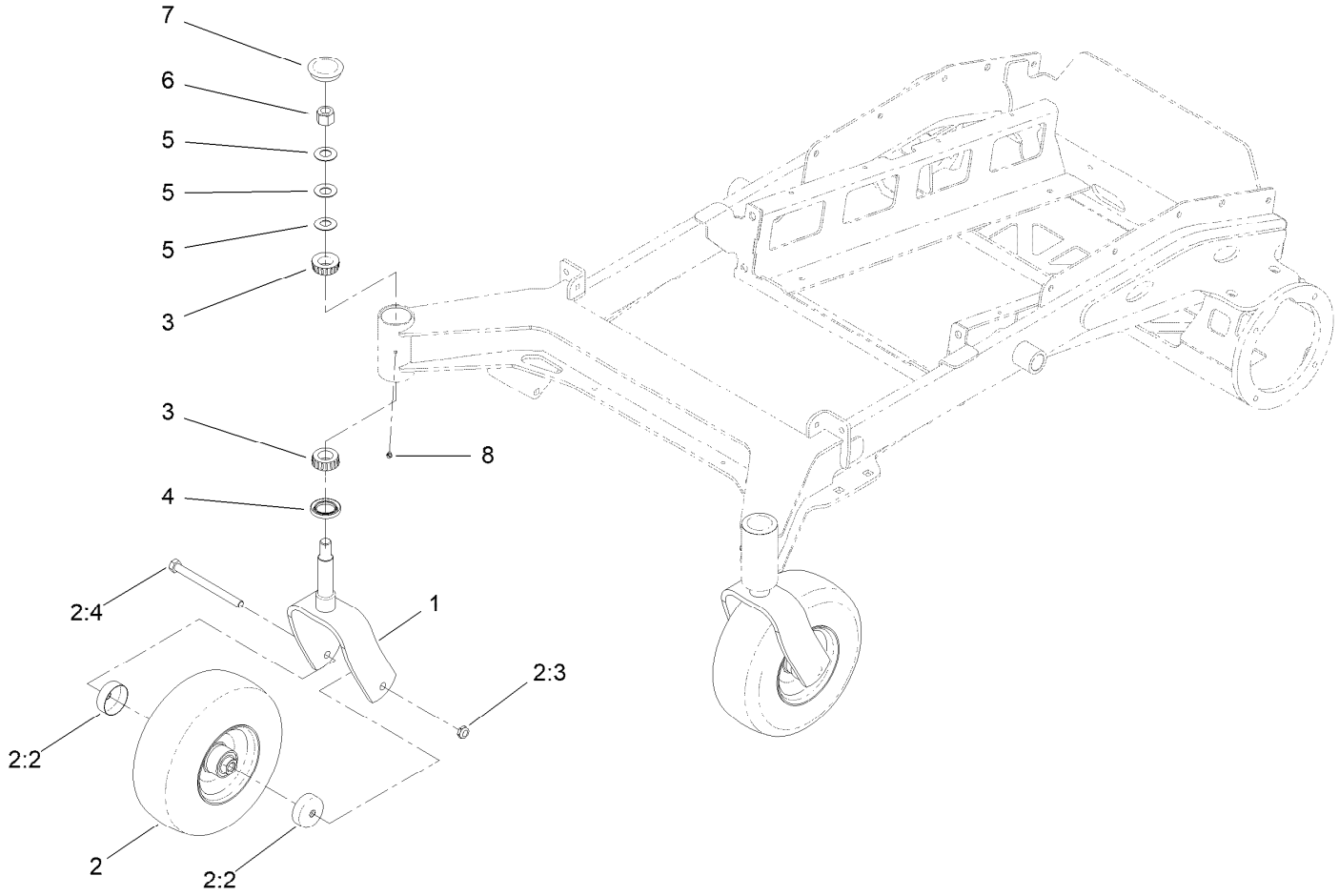
Platform Assembly



Platform Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-8475-01	1	Platform
2	120-8499-03	1	Hinge-Pad
3	111044	4	Spacer
4	114-1915-01	2	Link-Pad
5	145-3535	1	Cushion Pad ASM
6	3256-23	4	Washer-Plain
7	121-7999	4	Screw-HH, Patch
8	133-1426	2	Knob
9	116-2886	2	Slide-Bushing
10	3253-4	2	Washer-Lock
11	131-4535	2	Nut-Acorn
12	114-0463	4	Washer-Friction, Composite
13	3256-4	6	Washer-Flat
14	3296-59	4	Nut-Lock, NI
15	3231-2	2	Bolt-CARR
16	3231-27	2	Screw-CARR
17	144-6958	1	Mat, Platform
18	114-1920-03	1	Clamp-Shield
19	32144-70	2	Screw-HWHTF
20	119-8650	1	Pin-Latch
21	114-5348	1	Spring
22	1-603175	1	Knob-Ball
23	132-7583	2	Bushing-Flanged
24	104-8301	2	Nut-HF, NI
25	323-45	2	Screw-HH

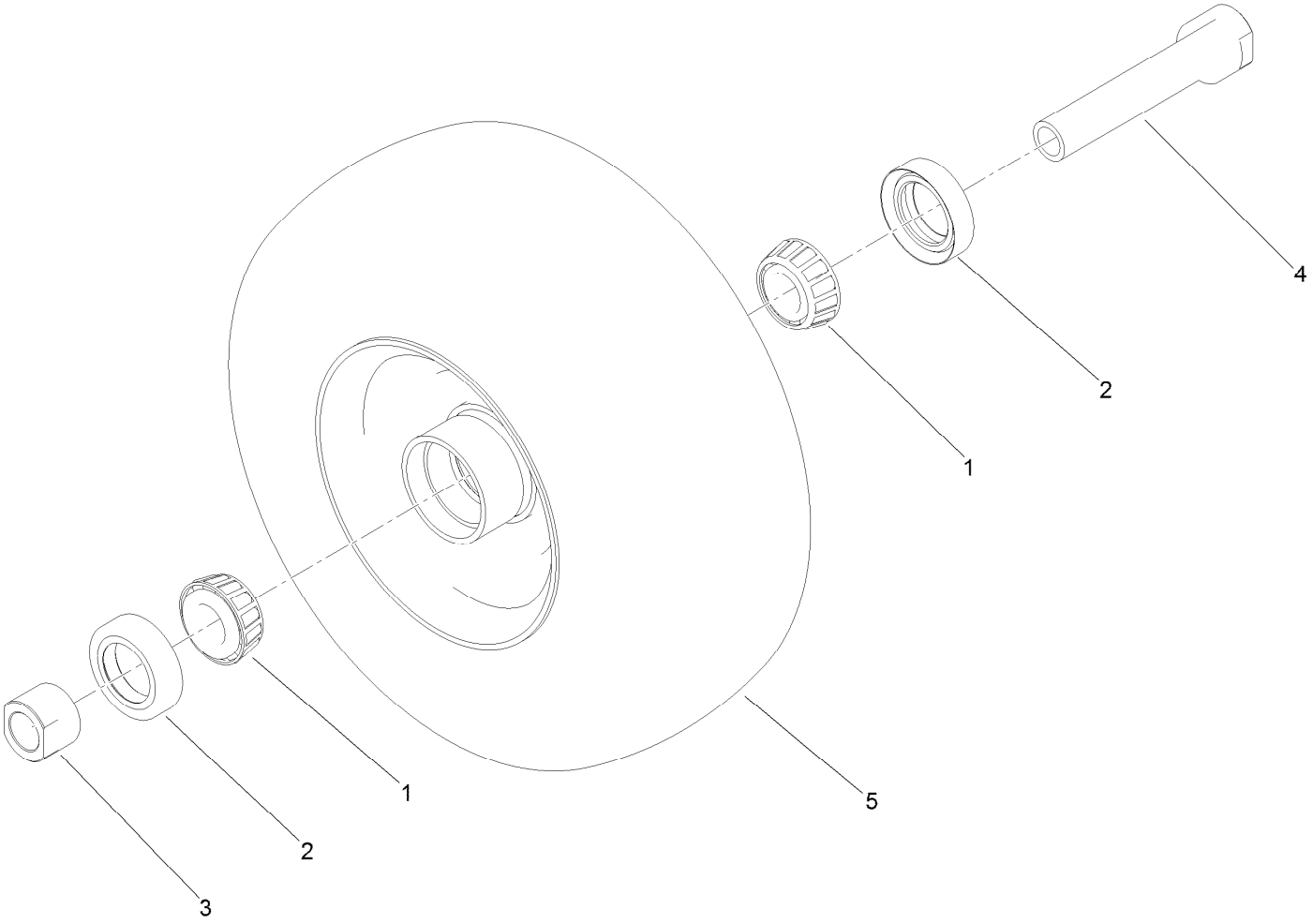
Front Caster Assembly



Front Caster Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-7988-01	2	Fork-Caster
2	140-5485	2	Mf Wheel Tire Bearing ASM
2:2	103-2768	2	Guard-Seal
2:3	3296-45	1	Nut-Hex
2:4	325-20	1	Screw-HH
3	1-543509	4	Bearing-Roller, Tapered
4	116-5647	2	Seal-Grease
5	1-633508	6	Washer-Bellville
6	3296-51	2	Nut-Lock, NI
7	145-3415	2	Cap, Grease
8	1-811010	2	Plug

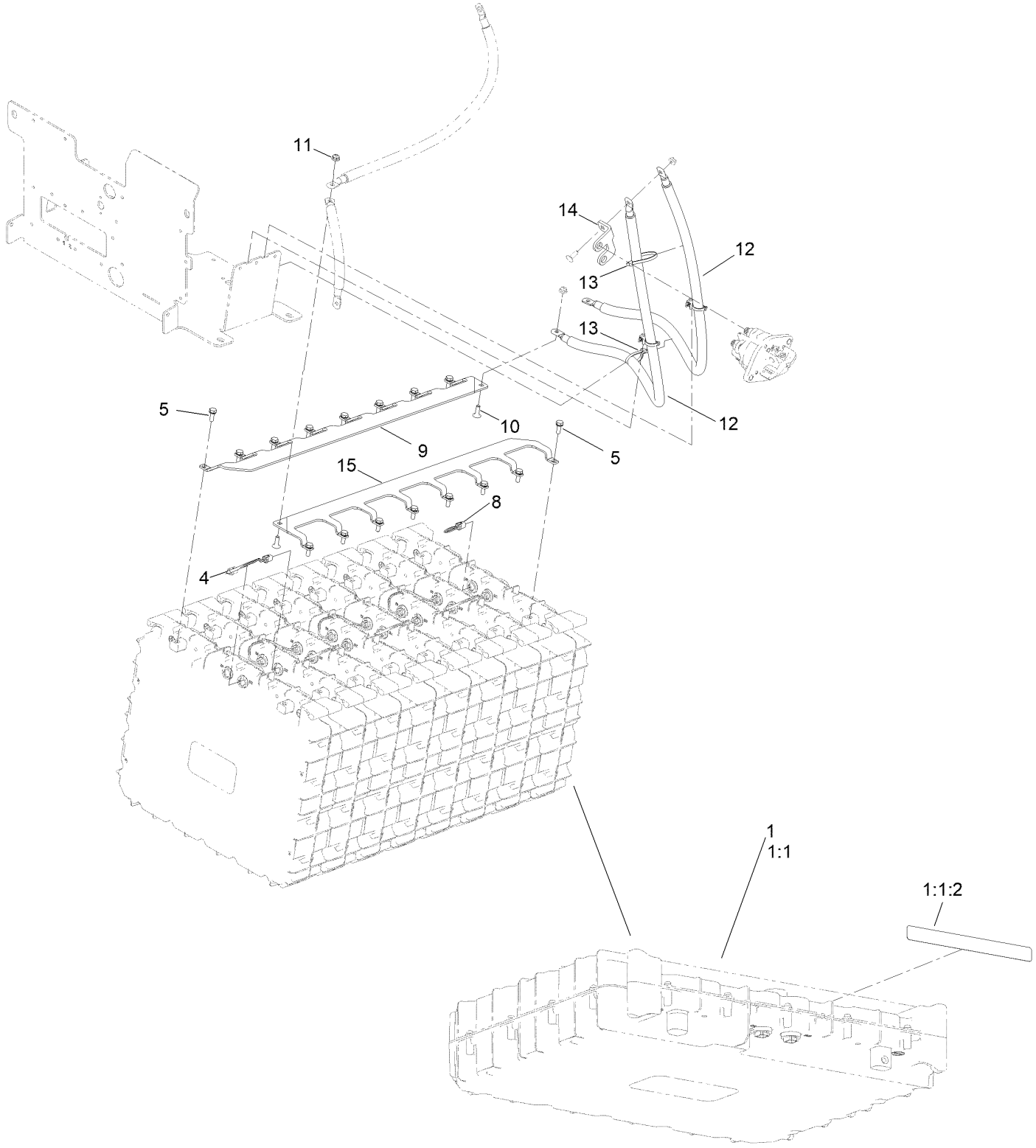
Wheel and Bearing Assembly



Wheel and Bearing Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-633585	2	Bearing-Cone, Taper
2	103-0063	2	Seal-Caster
3	103-3051	1	Spacer-Nut
4	126-5359	1	Caster Axle ASM
5	140-5483	1	Mf Wheel And Tire ASM

Battery Assembly



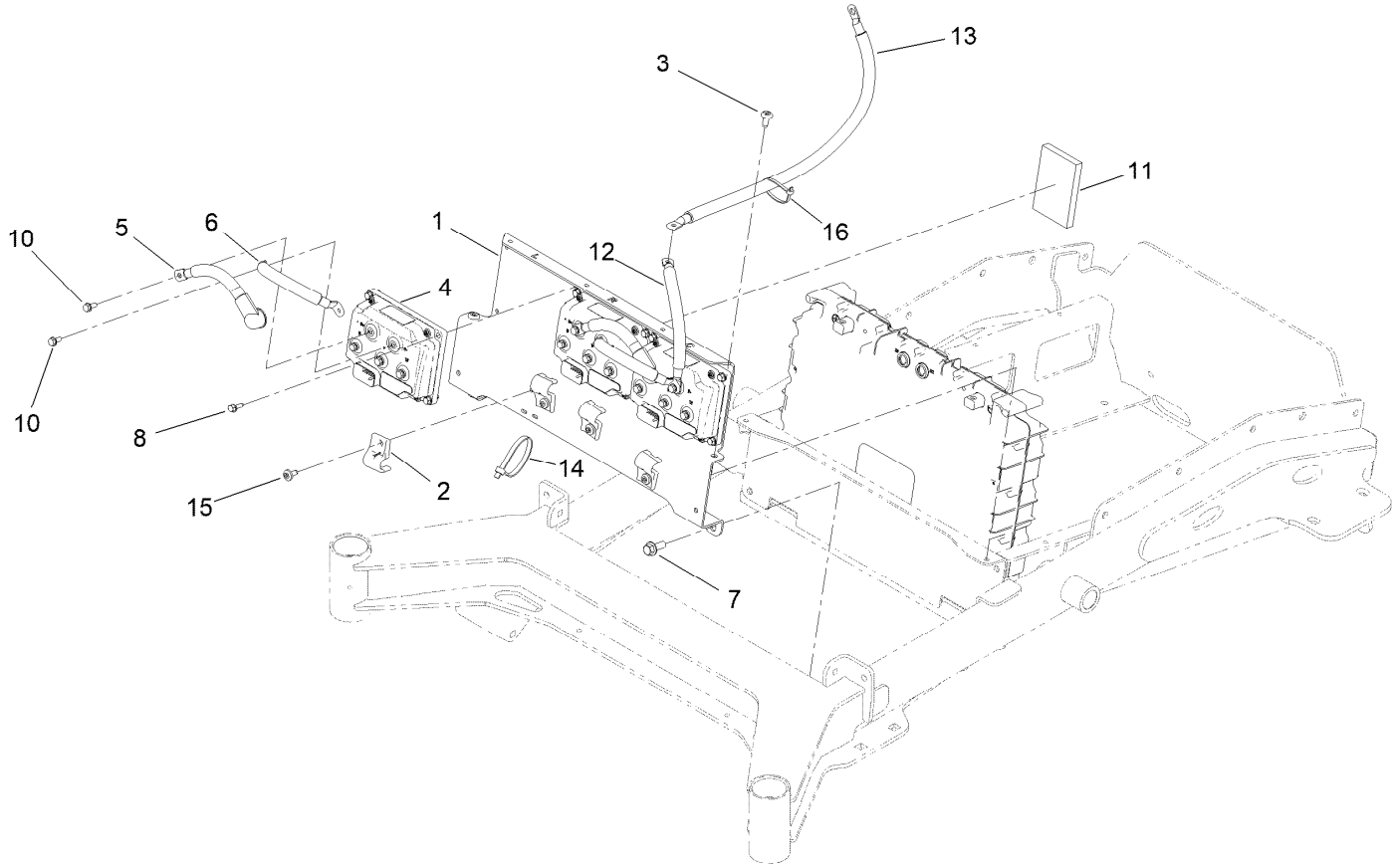
Battery Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-5385	8	Battery ASM
1:1		1	Battery ASM ■
1:1:2	144-0276	1	Decal-Warning, Battery
4	140-9565	7	Harness-Wire, Data Interface
5	145-5783	16	Screw-Sems
8	122-2323	1	Harness-Wire, Can Terminator
9	147-0234	1	Busbar-8, Rd
10	1-807512	3	Bolt-CARR
11	104-7201	3	Nut-HF, NI
12	147-0273	2	Cable-Battery,Rd ASM
13	3290-378	2	Tie-Cable
14	147-0370	1	Busbar-2, Switch
15	147-0341	1	Busbar-8, Bk
99	147-7790	1	Charger-Rc1200, 1200W ●●
99:1	147-6297	1	Cord-AC, 120V ●
99:2	147-0227	1	Cable, DC-Hypercell ●
99	147-7791	1	Adapter, AC, 250V/10A, EU To Uk ●
99	147-7792	1	Adapter, AC, 250V/10A, EU To Australia ●

● Not illustrated

■ Not serviced separately

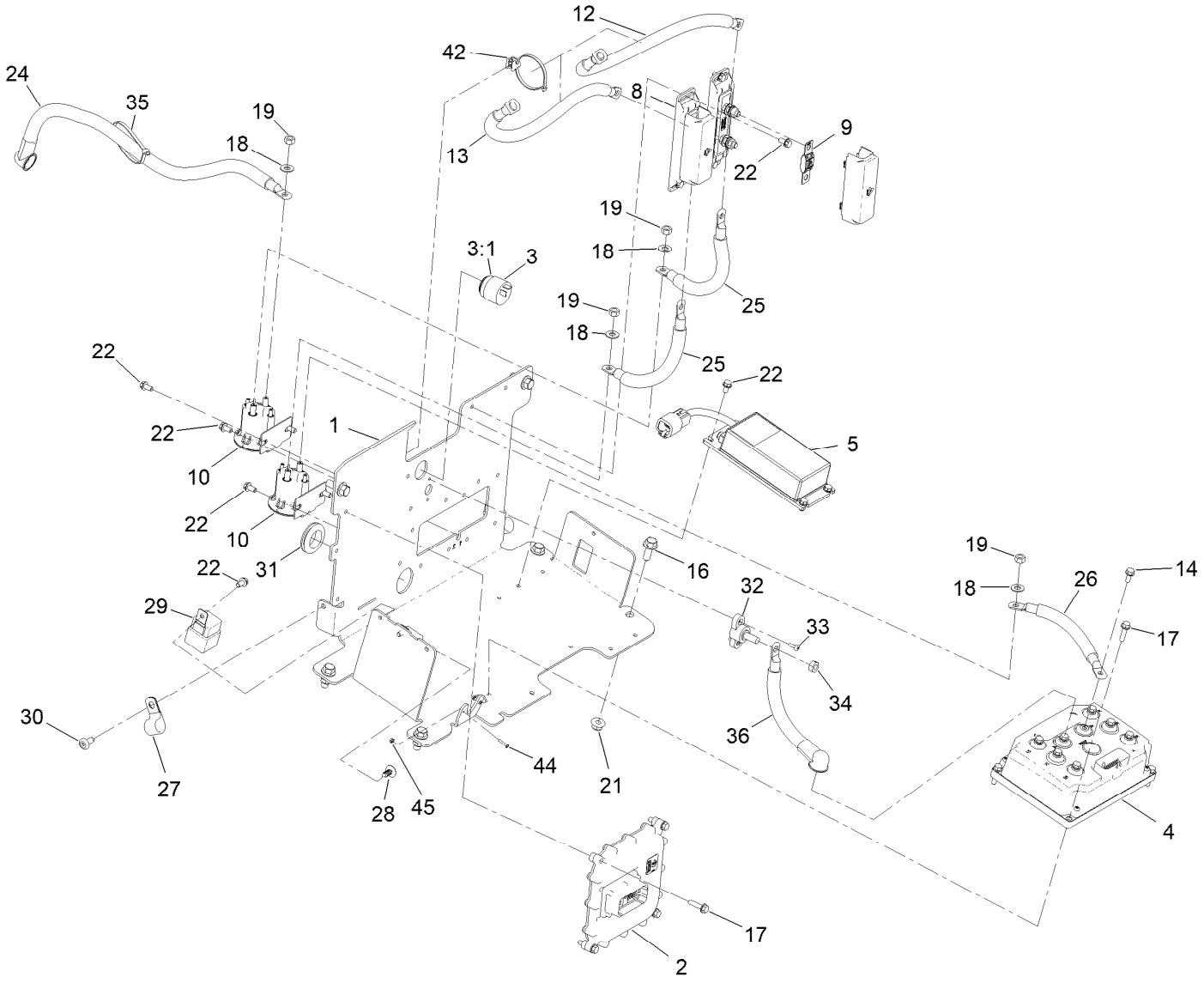
Electrical Assembly



Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-6956-03	1	Plate-Motor Controller Mnt
2	145-6985	4	Mount-Cable
3	138-9753	2	Screw
4	145-7270	3	Inv/Ctrlr-48V
5	147-0238	2	Cable-Battery, Rd ASM
6	147-0239	2	Cable-Battery, Bk ASM
7	3234-42	2	Screw-HHF
8	32144-44	12	Screw-HWH, Thread Roll
10	145-5782	15	Screw-Sems
11	100-2196	1	Pad-Foam
12	147-0241	1	Cable-Battery, Bk ASM
13	147-0242	1	Cable-Battery, Bk ASM
14	3334-945	1	Tie-Cable
15	120-7950	4	Screw-Torx
16	3290-379	1	Tie-Cable

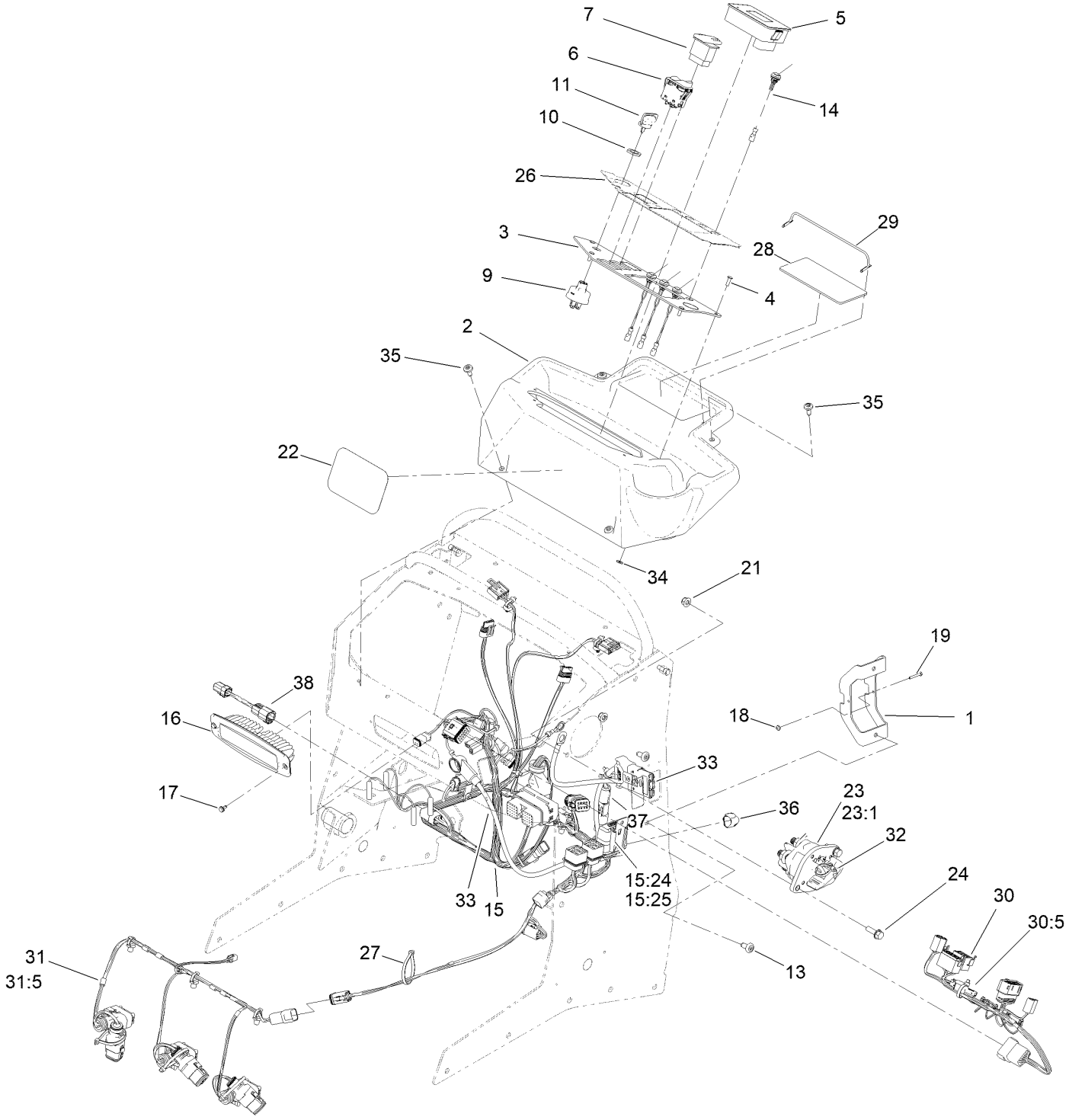
Battery Cable Assembly



Battery Cable Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-3563-03	1	Plate-Mnt, Electrical
2	127-2770	1	Controller
3	80-9330	1	Audio Alarm ASM
3:1	104-5107	1	Nut-Plastic, Knurled
4	138-8984	1	Inv/Ctrlr-48V, Dual 94Arms
5	144-6975	1	Converter DC-DC
8	145-4958	2	Holder-Fuse
9	122-2561	2	Fuse-200A
10	145-3542	2	Contactor-DC, 12V
12	147-0332	1	Cable-Battery, Rd ASM
13	147-0331	1	Cable-Battery, Rd ASM
14	145-5782	8	Screw-Sems
16	3234-42	6	Screw-HHF
17	32144-86	8	Screw-HWHTF
18	107-0279	4	Washer
19	3219-2	4	Nut-Hex
21	104-8301	4	Nut-HF, NI
22	32144-4	14	Screw-HWH
24	147-0228	1	Cable-Battery, Rd ASM
25	147-0225	2	Cable-Battery, Rd ASM
26	147-0237	1	Cable-Battery, Rd ASM
27	2412-4	2	Clamp-R
28	117-2382	1	Plug-Plastic
29	70-1480	2	Relay
30	138-9753	2	Screw
31	120-3265	1	Grommet
32	110-8823	1	Block-Junction
33	105-6849	2	Screw-Forming, Thread
34	3217-7	1	Nut-Hex
35	3290-379	1	Tie-Cable
36	147-0240	1	Cable-Battery, Bk ASM
42	32180-150	1	Clip-Edge, Side-Perpendicular
44	1-3084	2	Screw-PPH
45	9157324	2	Nut-Hex, NYL INS

Control Panel and Harness Assembly



Control Panel and Harness Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-3597-03	1	Bracket-Charger, Dual
2	144-1576	1	Dash-Control Panel
3	147-1685-03	1	Plate-Control Panel
4	3269-4	4	Rivet-Pop
5	122-1201	1	Module-Display
6	139-6367	1	Switch-Rocker, (On)-On-Off
7	95-8999	1	Switch-Rocker, On-None-On
9	139-7716	1	Switch-Key, Spst
10	101884	1	Nut
11	63-8360	1	Key-Ignition
13	138-9753	2	Screw
14	136-9678	4	Cable Assy-Pushbutton
15	140-9567	1	Harness-Wire, Main
15:24	121-8861	2	Fuse-Mini Blade, 2 Amp
15:25	121-8864	3	Fuse-Mini Blade, 5 Amp ●
16	139-8089	1	Light - Flush Mount
17	104-2065	2	Screw-HWH
18	3296-9	1	Nut-Hex
19	32105-9	1	Screw-HH
21	104-8300	2	Nut-HF, NI
22	94-2579	1	Decal
23	122-0603	1	Switch-Disconnect
23:1	33006-00	1	Nut-HF
24	3234-29	2	Screw-HHF
26	147-1686	1	Decal-Panel, Control
27	3290-379	1	Tie-Cable
28	145-3410	1	Pad-Rubber, W/Adhesive
29	144-6973	1	Strap-Elastic
30	145-3411	1	Harness-Wire, Control Panel
30:5	32180-282	1	Conn, Res, 120 Ohm
31	145-3412	1	Harness-Wire, Deck
31:5	32180-282	1	Conn, Res, 120 Ohm
32	3290-378	5	Tie-Cable
33	140-9596	1	Harness-Wire, Charger Port
34	3269-26	4	Washer-Plain
35	120-7950	4	Screw-Torx
36	32180-089	1	Cap-Plug, 3 Way
37	112-1540	1	Ferrite-Snap On
38	161-3544	1	Harness-Wire, Jumper

● Not illustrated

Attachments and Accessories

For 18850TE — GrandStand Revolution Mower with 132cm TURBO FORCE Side Discharge Cutting Unit

Product Name	Model/Part
Turbo Baffle Kit	107-1634
HOC Set Blocks	133-1439
Anti-Scalp Kit, 48/52 Grandstand Deck	133-1440
Oil-Gear, Synthetic, Quart	144-6880
Blade-18.0in, Med Sail	145-3504-03
Blade-18.0in, Recycler	145-3507-03
Kit, Stand-On Weight	147-0200
Recycler Kit	147-0310
Wiring Harness Adapter Kit	147-1612
Soft Bag (3 Bushel)	30104

Notes:



Count on it.