Form No. 3463-493 Rev C

TORO®

Count on it.

Parts Catalog

60in TITAN® MAX

Riding Mower

Model No. 76602—Serial No. 415037654 and Up

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

3463-493 C

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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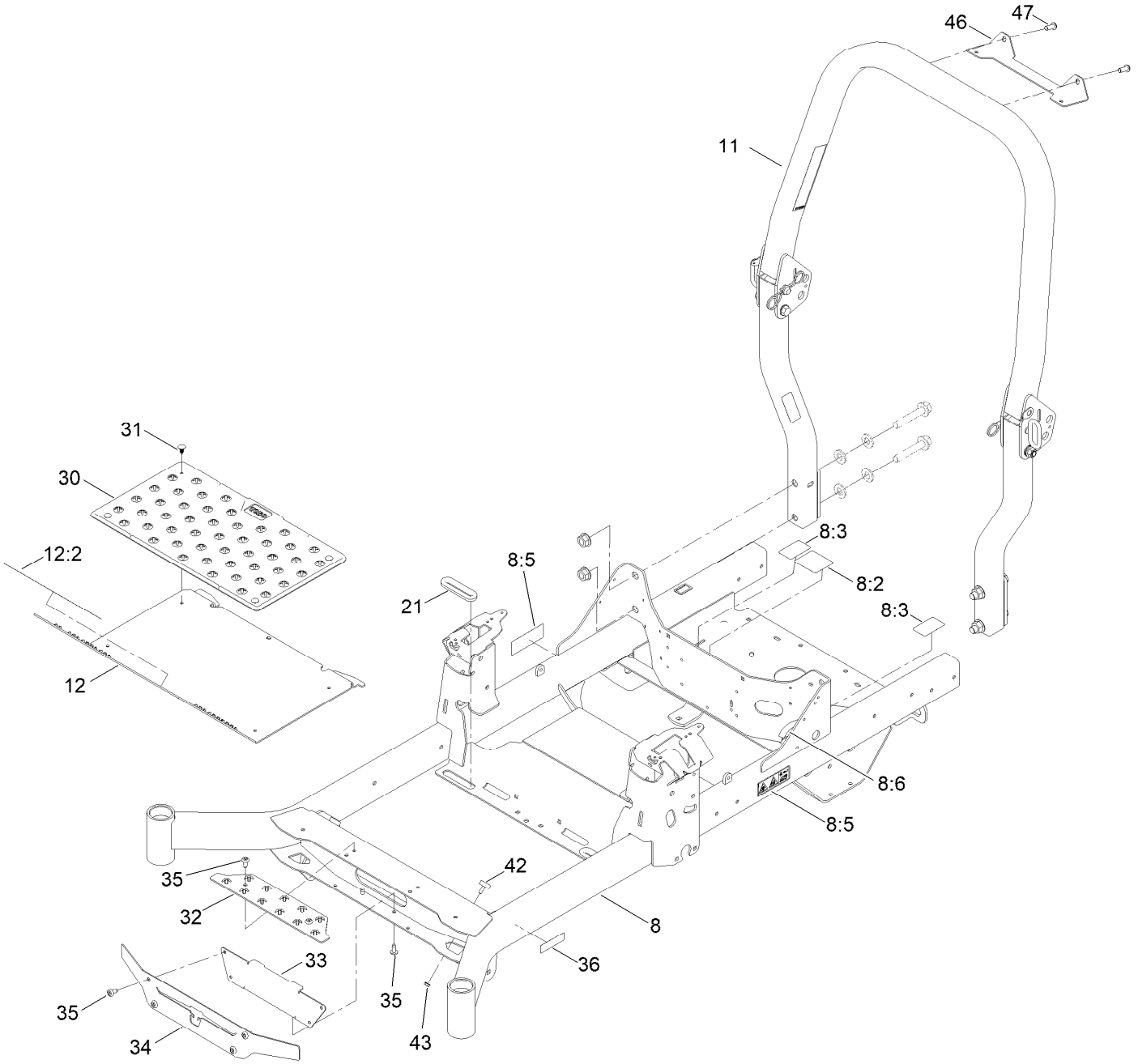
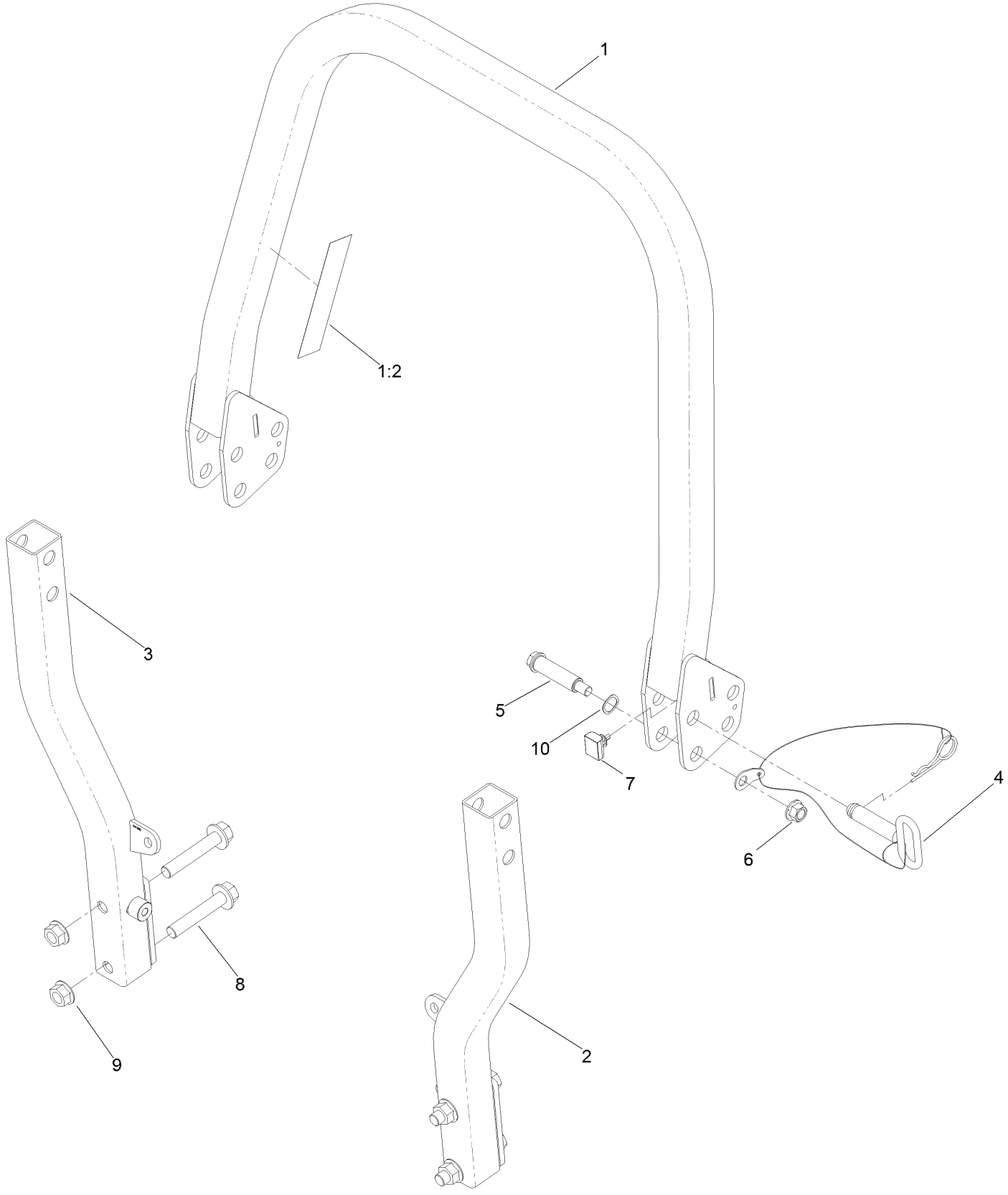
Frame Assembly



Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
8	145-4601	1	Frame-60 [w/Decals]
8:2	109-6014	1	Decal-Routing, Belt
8:3	116-8588	2	Decal-Release, Drive
8:5	126-4363	2	Decal-Warning
8:6	127-6618	1	Strip-Seal
11	144-1848	1	ASM-ROPS
12	145-4602	1	Pan-Floor ASM [service]
12:2	126-8383	1	Decal-Danger
21	126-7065	2	Grommet-Rubber
30	144-1961	1	Mat-Floor
31	117-2382	4	Plug-Plastic
32	144-1883-03	1	Plate-Step
33	144-1884-01	1	Plate-Backer
34	144-1885-03	1	Plate-Fascia
35	138-9753	8	Screw
36	140-2099	1	Decal
42	138-2662	2	Bumper-Rubber
43	32128-33	2	Nut-HF
46	145-0568-03	1	Bracket-Light
47	110-9380	2	Screw-HWH

Roll-Over Protection System Assembly
No. 144-1848

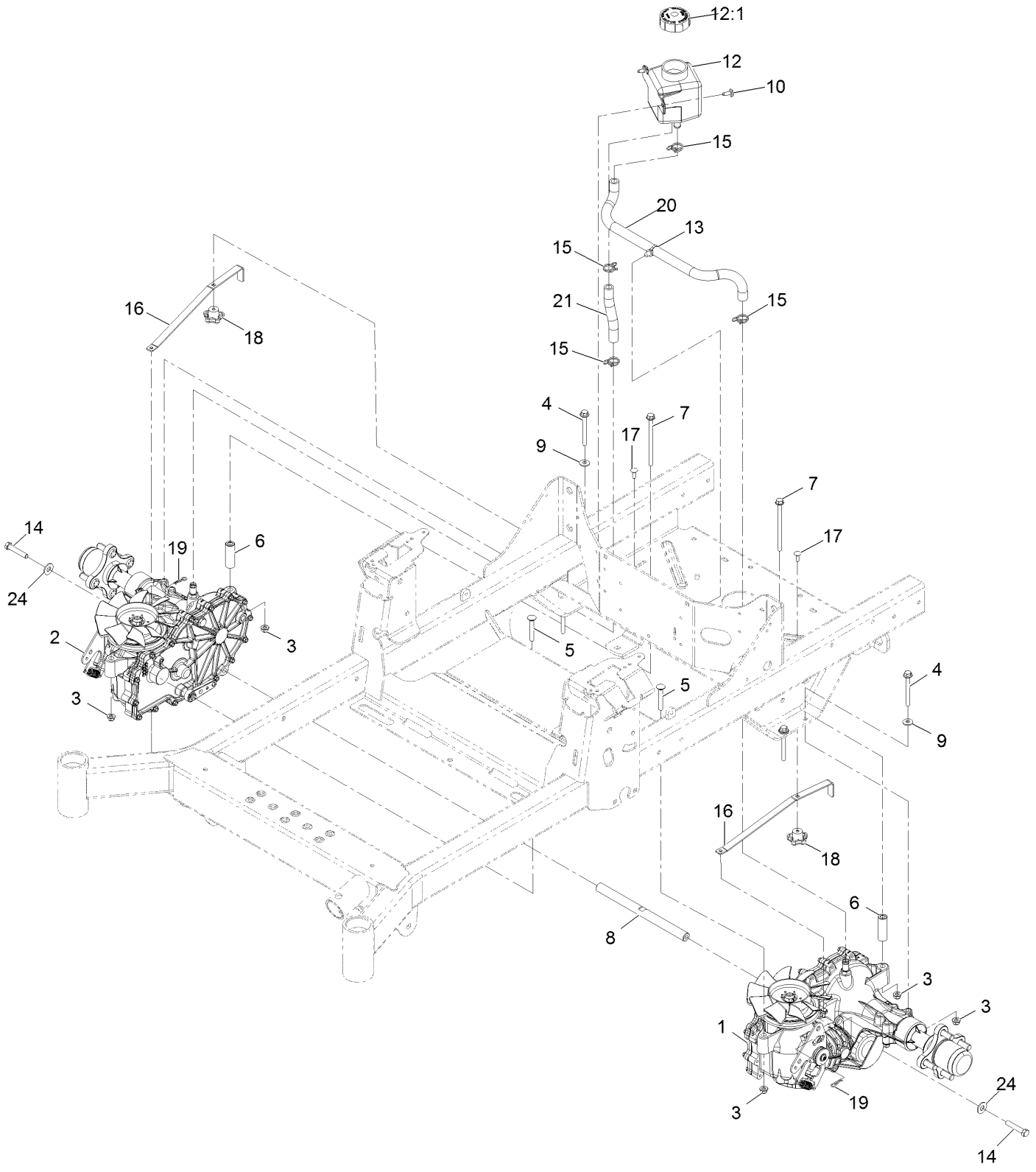


Roll-Over Protection System Assembly No. 144-1848 (continued)

Ref.	Part Number	Qty.	Description
1		1	Upper ROPS ASM ●
1:2	107-3069	1	Decal-Warning
2		1	LH Lower ROPS ASM ●
3		1	RH Lower ROPS ASM ●
4	103-4553	2	ROPS Fold Pin ASM
5	126-9209	2	Bolt-Shoulder
6	99-5107	2	Nut-Lock
7	109-5337	2	Bumper-ROPS
8	126-9488	4	Screw-HHF
9	32128-50	4	Nut-Flange
10	119-4164	2	Washer-Wave

● Not serviced separately

Transaxle Assembly

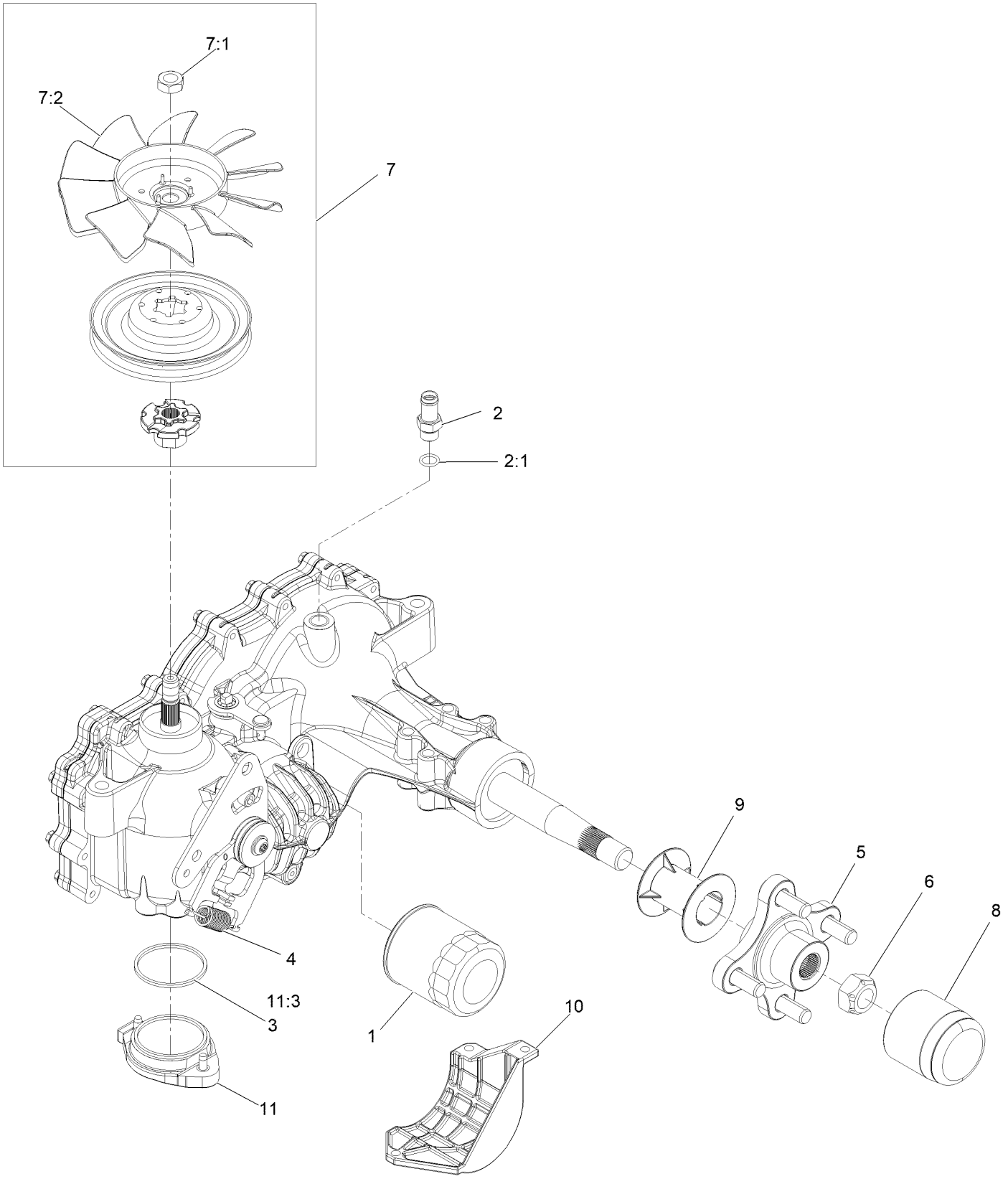


Transaxle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-0140	1	LH Transaxle ASM
2	135-0139	1	RH Transaxle ASM
3	104-8300	8	Nut-Nyloc 5/16-18 Flg
4	126-4687	4	Screw-HHF
5	3230-7	2	Bolt-Carriage 5/16-18 X 2 1/4
6	116-5809	2	Spacer-Hydro
7	126-5896	2	Screw HHF
8	116-6833	1	Shaft-Spacer
9	1-303334	4	Washer-Spring Disc 5/16
10	126-6266	2	Screw-1/4-20 X .65 Torx Plus
12	109-2250	1	Tank-HYD
12:1	109-3320	1	Cap-Reservoir, HYD
13	32180-118	1	Clip-Tie
14	94-7972	2	Screw-HH W/Loctite ●
15	126-0327	4	Clamp-Hose
16	109-5395	2	Arm-Bypass, Hydro
17	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
18	108-6402	2	Knob-Handle
19	1-806003	2	Hairpin-Cotter
20	126-5668	1	Hose-Hydraulic
21	126-5669	1	Hose-Hydraulic
24	3256-4	2	Washer-3/8 Std

● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

LH Transaxle Assembly No. 135-0140

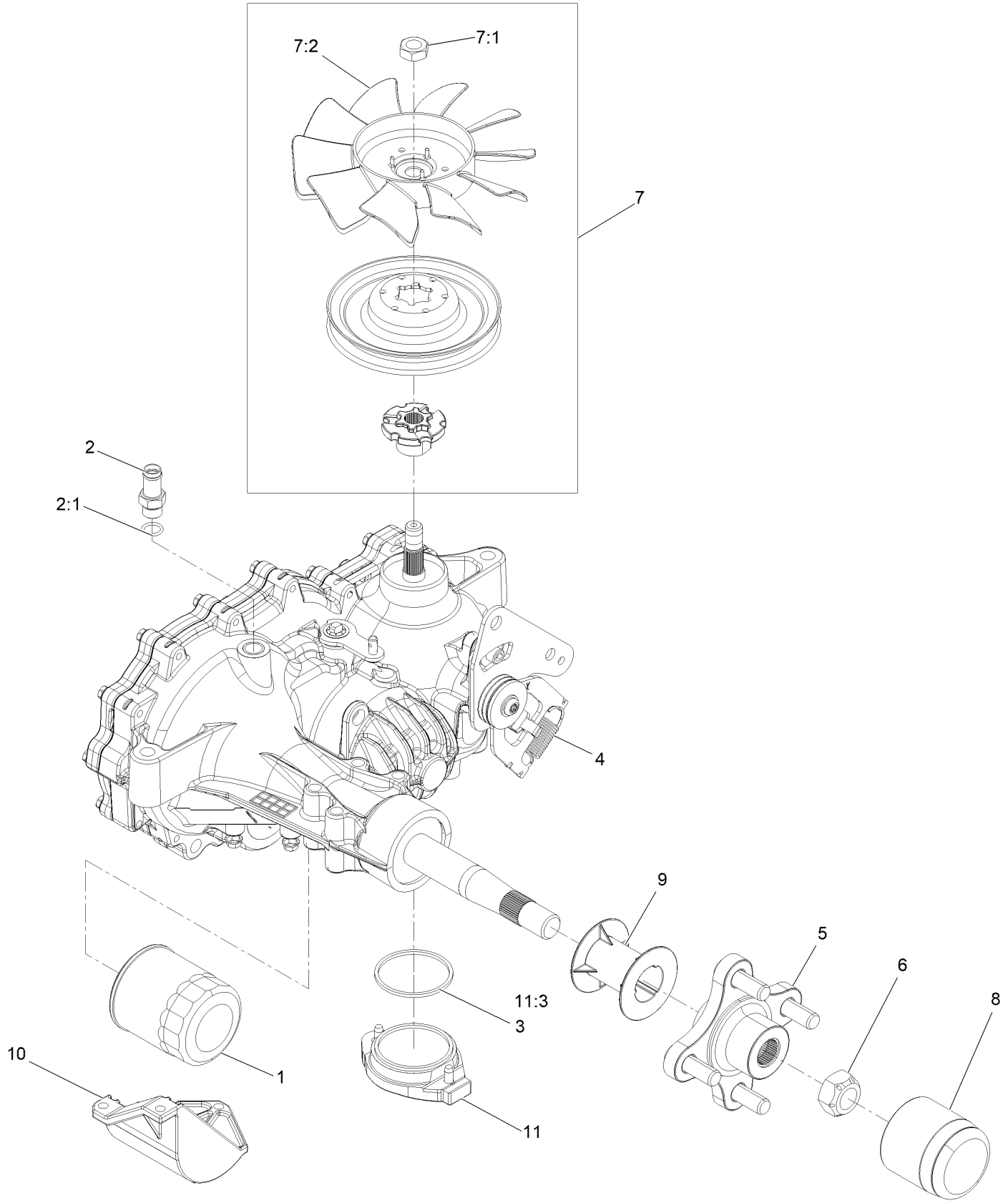


LH Transaxle Assembly No. 135-0140 (continued)

Ref.	Part Number	Qty.	Description
1	109-3321	1	Element-Oil Filter, HYD
2	109-3278	1	Adapter-Straight
2:1	237-42	1	O-Ring
3	109-3540	1	O Ring-Seal
4	109-5592	1	Spring-Extension
5	116-3872	1	Hub-Offset
6	109-3536	1	Nut-Hub
7	135-7347	1	Fan And Pulley Kit
7:1	116-9714	1	Nut-HJ
7:2	126-0226	1	Fan
8	116-6214	1	Cap-Axle, Long
9	116-6213	1	Tube-Axle
10	120-7979	1	Guard-Filter, LH
11	114-8465	1	Charge Kit
11:3	109-3540	1	O Ring-Seal
99	135-3604	1	Brake Shaft Seal Kit
99	109-3537	1	Seal Kit ●

● Not illustrated

RH Transaxle Assembly No. 135-0139

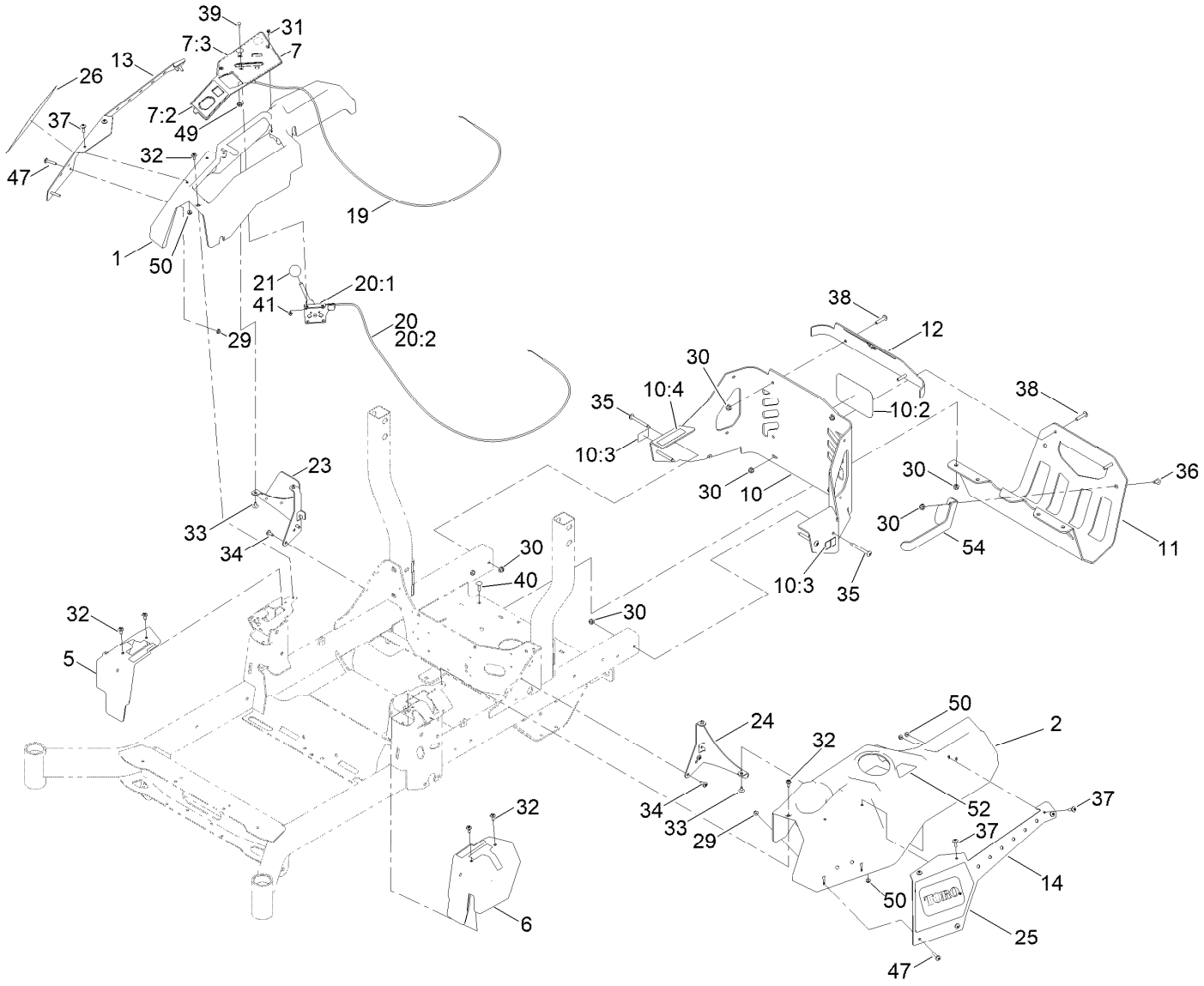


RH Transaxle Assembly No. 135-0139 (continued)

Ref.	Part Number	Qty.	Description
1	109-3321	1	Element-Oil Filter, HYD
2	109-3278	1	Adapter-Straight
2:1	237-42	1	O-Ring
3	109-3540	1	O Ring-Seal
4	109-5592	1	Spring-Extension
5	116-3872	1	Hub-Offset
6	109-3536	1	Nut-Hub
7	135-7347	1	Fan And Pulley Kit
7:1	116-9714	1	Nut-HJ
7:2	126-0226	1	Fan
8	116-6214	1	Cap-Axle, Long
9	116-6213	1	Tube-Axle
10	120-7981	1	Guard-Filter, RH
11	114-8465	1	Charge Kit
11:3	109-3540	1	O Ring-Seal
99	135-3604	1	Brake Shaft Seal Kit
99	109-3537	1	Seal Kit ●

● Not illustrated

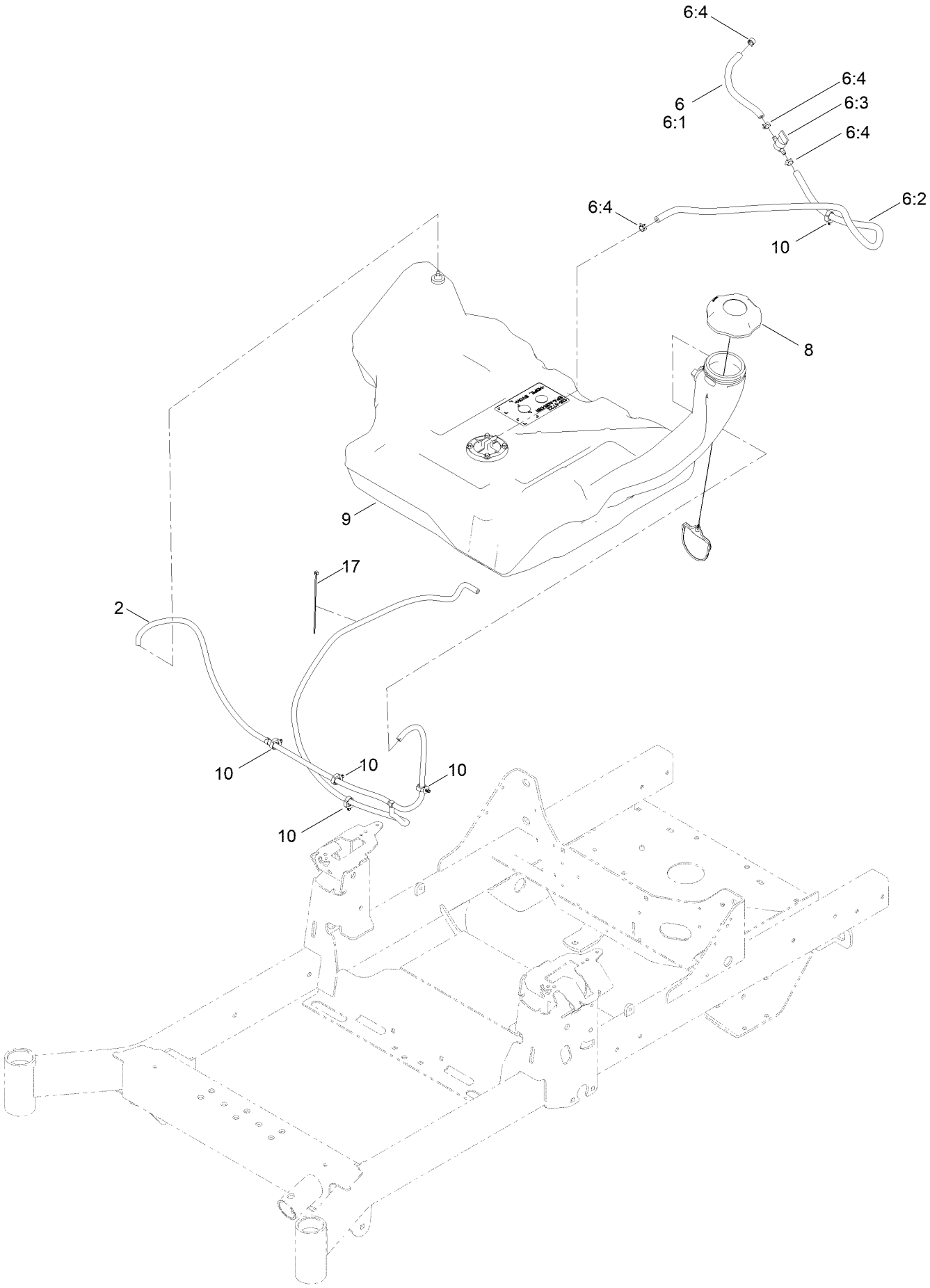
Console and Guard Assembly



Console and Guard Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-4983	1	Console-RH
2	126-4984	1	Console-LH
5	126-7371	1	Cover-Control, Motion (RH)
6	126-7372	1	Cover-Control, Motion (LH)
7	145-4635	1	Control Panel ASM
7:2	126-9115	1	Decal-Panel, Control
7:3	145-4618	1	Decal - Panel Control
10	139-3643	1	Rear Guard ASM
10:2	99-4693	1	Decal
10:3	106-5517	2	Decal-Warning
10:4	133-8062	1	Decal-Spark Arrestor
11	135-5084-03	1	Guard-Muffler [black]
12	139-3644-01	1	Trim-Upper Rear
13	136-1745-03	1	Cover, Pod RH
14	136-1746-03	1	Cover-LH
19	144-2647	1	Cable-Choke Control
20	110-5727	1	Throttle Control ASM
20:1	112-2334	1	Lever-Throttle
20:2	110-5728	1	Cable-Throttle
21	1-603175	1	Knob-Ball
23	126-9945	1	Support-Console, RH
24	126-5532-03	1	Bracket-Console, LH
25	144-1967	1	Decal-Plate, LH
26	144-1966	1	Decal-Plate, RH
29	104-7201	4	Nut-HF, NI
30	104-8300	11	Nut-HF, NI
31	117-5036	2	Screw-Plastic, HWH
32	120-7950	6	Screw-Torx
33	126-5544	4	Screw-Torx
34	126-6266	4	Screw-Tph
35	126-6267	4	Screw-TTH
36	126-6268	1	Screw-TTH
37	126-6269	8	Screw-Truss
38	126-7439	4	Screw-Torx
39	1-807513	2	Bolt-CARR
40	3230-22	2	Screw-CARR
41	3296-2	2	Nut-Lock, NI
47	126-8232	4	Screw-Truss Hex Skt
49	3220-3	1	Nut-HJ
50	32149-2	8	Nut-Keps
52	126-9939	1	Decal-Fill, Fuel
54	144-1971-03	1	Bracket-Guard, Muffler

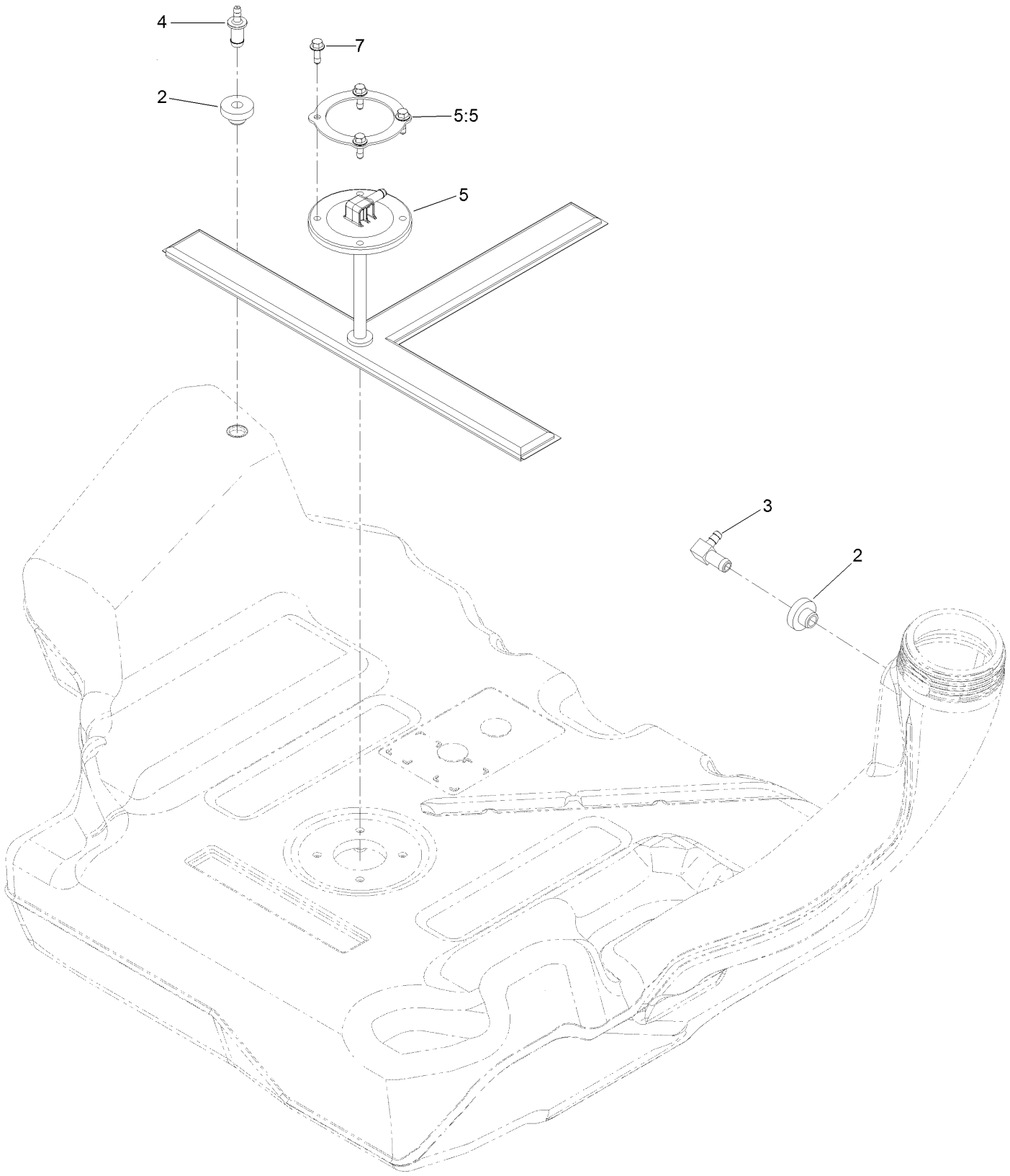
Fuel Tank and Vent Hose System Assembly



Fuel Tank and Vent Hose System Assembly (continued)

Ref.	Part Number	Qty.	Description
2	147-7644	1	Hose - Vent
6	144-5322	1	Fuel Hose ASM
6:1	109-0306	1	Hose-Fuel
6:2	110-5702	1	Hose-Fuel
6:3	1-603770	1	Valve-Fuel
6:4	2412-98	4	Clamp-Hose
8	135-4801	1	Cap-Fuel, Ratcheting
9	126-4724	1	Tank-Fuel
10	126-5523	5	Clip
17	1-303287	1	Tie-Cable

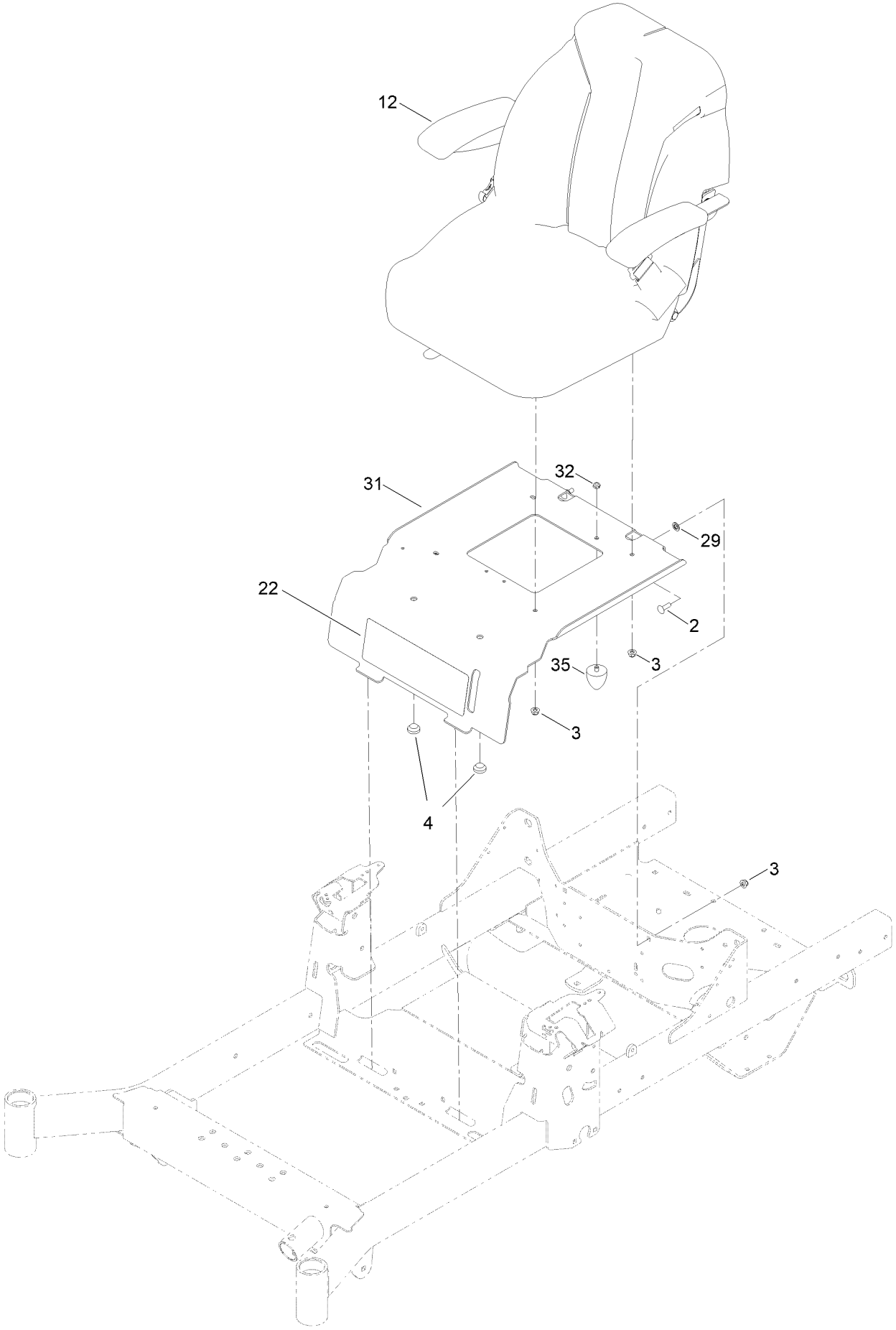
Fuel Tank Assembly No. 126-4724



Fuel Tank Assembly No. 126-4724 (continued)

Ref.	Part Number	Qty.	Description
2	46-6560	2	Bushing
3	126-9057	1	Fitting-90 DEG
4	116-4630	1	Fitting-Orifice, Straight
5	126-5528	1	Pickup-Fuel
5:5	126-5527	1	Ring-Retainer
7	126-5525	4	Bolt

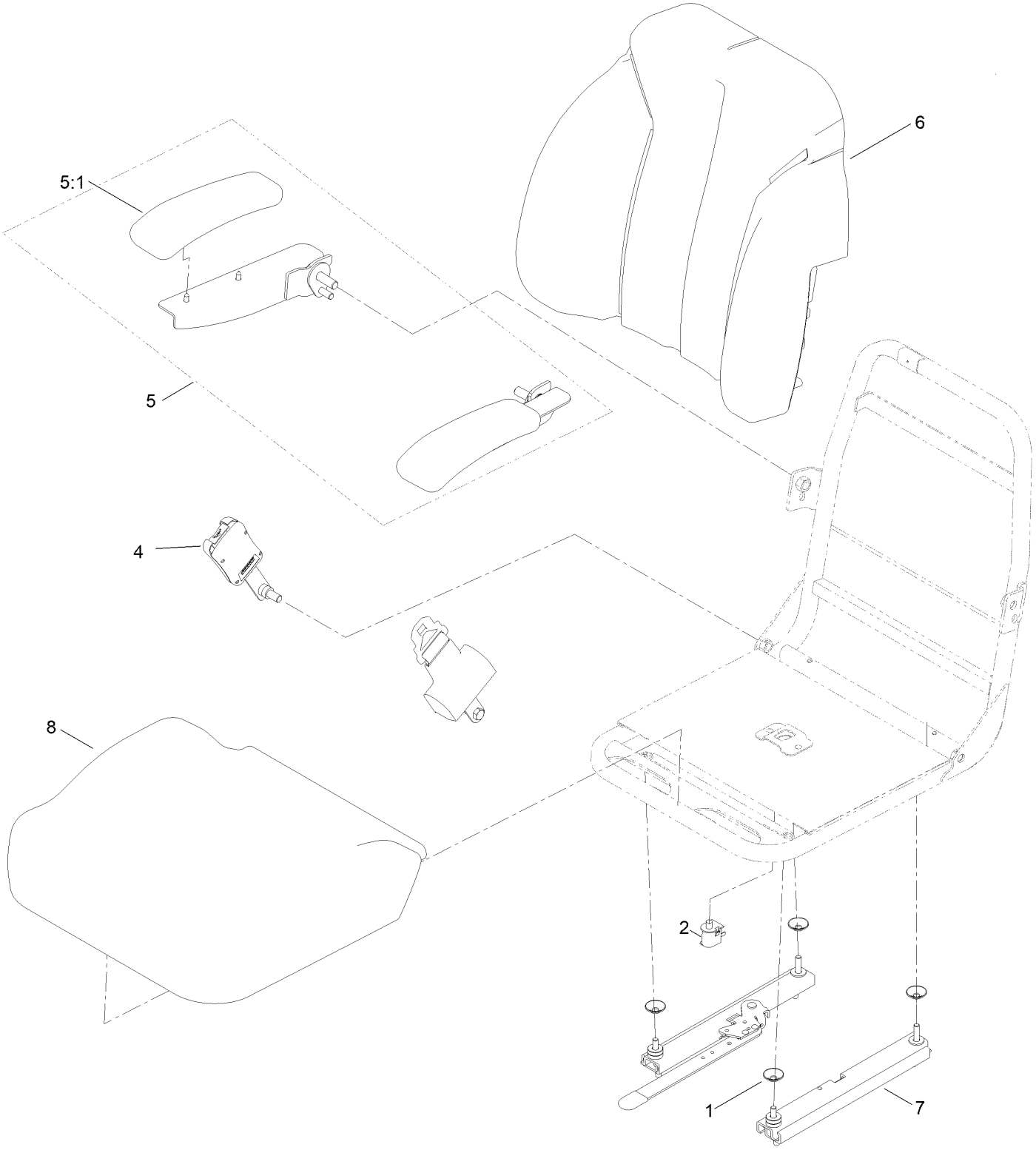
Seat Pan Assembly



Seat Pan Assembly (continued)

Ref.	Part Number	Qty.	Description
2	3230-22	2	Screw-CARR
3	104-8300	6	Nut-HF, NI
4	135-0505	2	Bumper-Seat
12	144-1965	1	ASM-Seat Toro
22	144-1947	1	Decal-Titan Max
29	135-7125	2	Washer-Retaining
31	135-6017-03	1	Plate-Fixed Seat [black]
32	3296-47	1	Nut-Lock,NI
35	135-7047	1	Bumper-Rubber

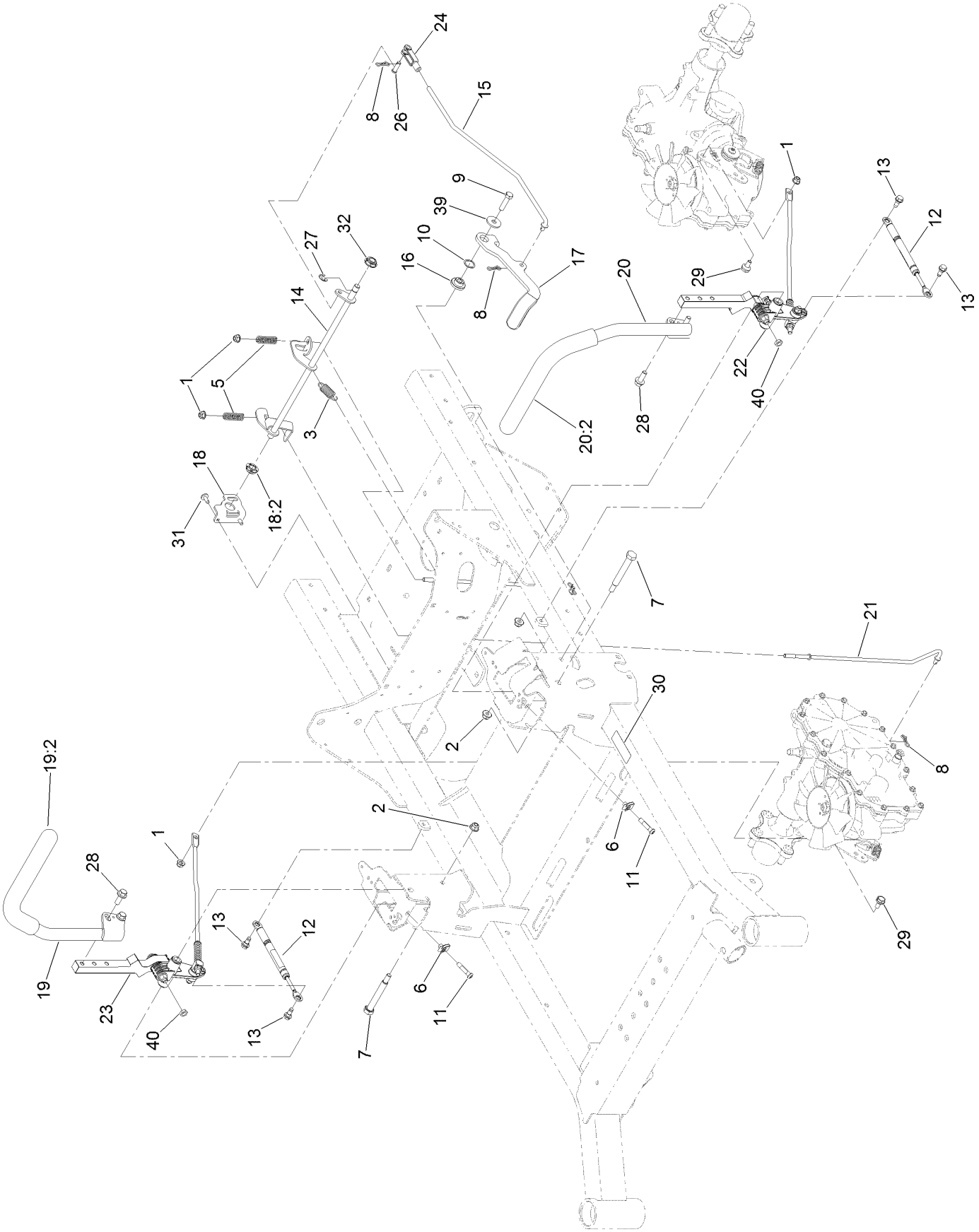
Seat Assembly No. 144-1965



Seat Assembly No. 144-1965 (continued)

Ref.	Part Number	Qty.	Description
1	136-9002	4	Spacer-Mounting
2	82-2190	1	Switch-Bail
4	126-9091	1	Seat Belt Kit
5	126-2058	1	Armrest Kit
5:1	110-4163	2	Cushion-Rest, Arm
6	144-1973	1	Cover-Back, Seat
7	126-2177	1	Track-Seat
8	144-1974	1	Cover-Seat, Bottom

Motion Control Assembly

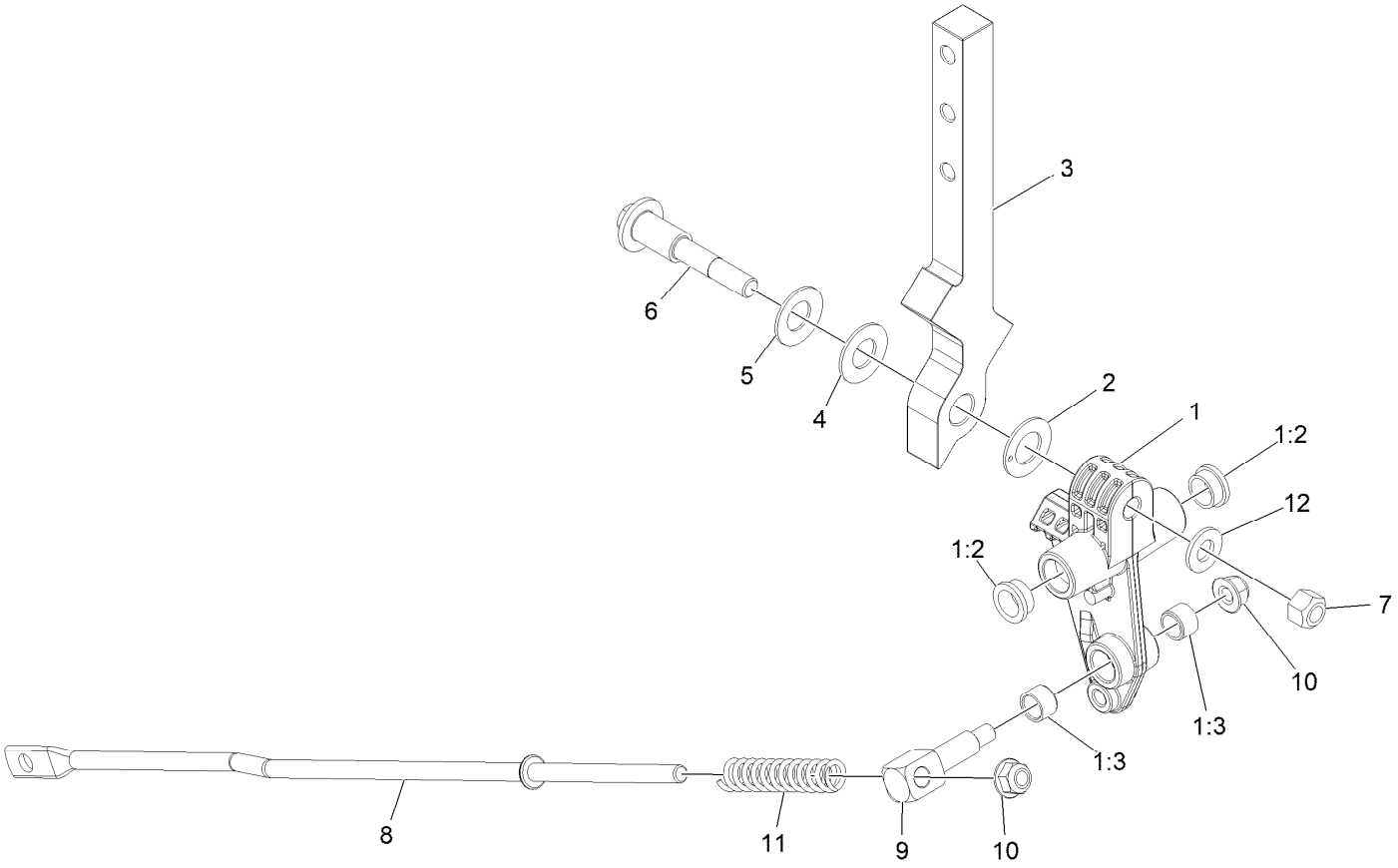


Motion Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	104-8300	4	Nut-HF, NI
2	104-8301	3	Nut-HF, NI
3	107-1045	1	Spring-Extension
5	109-7694	2	Spring-Compression
6	112-3306	2	Nut
7	115-5099	2	Bolt-Pivot
8	119-1415	4	Pin-Cotter, Locking
9	323-8	1	Screw-HH
10	119-4164	1	Washer-Wave
11	126-4299	2	Screw-HSBH
12	142-6851	2	Damper
13	126-4424	4	Screw-Shoulder
14	126-5813	1	Shaft-Brake
15	126-5819	1	Linkage-Brake, Upper
16	126-5989	1	Pivot-Flange
17	126-9490	1	Lever-Brake (With Grip)
18	126-6456	1	Bracket-Brake
18:2	126-5820	1	Bearing-Spherical
19	126-9191	1	RH Control Handle ASM
19:2	126-7359	1	Grip
20	126-9192	1	LH Control Handle ASM
20:2	126-7359	1	Grip
21	126-7217	2	Linkage-Brake, Lower
22		1	LH Motion Control ASM ●
23		1	RH Motion Control ASM ●
24	1-303105	1	Yoke-Adjustable
26	1-808280	1	Pin-Clevis
27	32120-47	1	Ring-Retaining, External
28	3234-42	4	Screw-HHF
29	37-8771	2	Bolt-Shoulder, HF
30	115-9625	1	Decal-Brake, Parking
31	126-6266	2	Screw-Tph
32	126-5820	1	Bearing-Spherical
39	2844	1	Washer
40	3218-3	2	Nut-Jam

● Not serviced separately

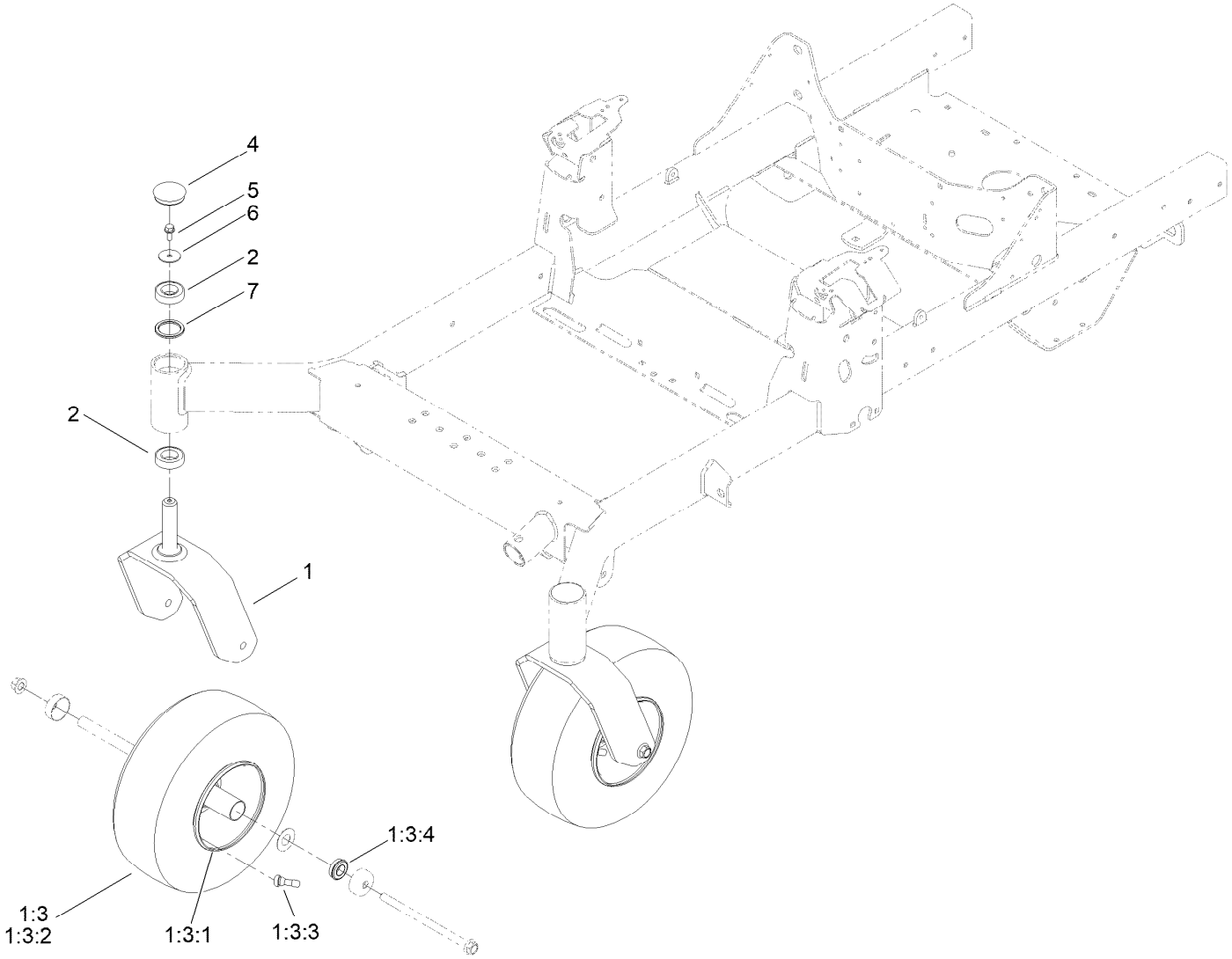
LH and RH Motion Control Assembly



LH and RH Motion Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-3773	1	Control Arm ASM
1:2	126-8909	2	Bushing
1:3	1-413152	2	Bushing-Sleeve
2	126-7296	1	Washer-Friction
3	126-8182	1	Arm-Control
4	117-1240	1	Washer
5	119-8925	1	Washer-Belleville
6	117-1198	1	Bolt-Pivot
7	32152-2	1	Nut-Hex 3/8-16 Lock
8	126-5435	1	Link-Control
9	126-5434	1	Swivel
10	104-8300	2	Nut-Nyloc 5/16-18 Flg
11	126-8195	1	Spring-Return, Neutral
12	3256-24	1	Washer-3/8 SAE

Front Caster Wheel Assembly

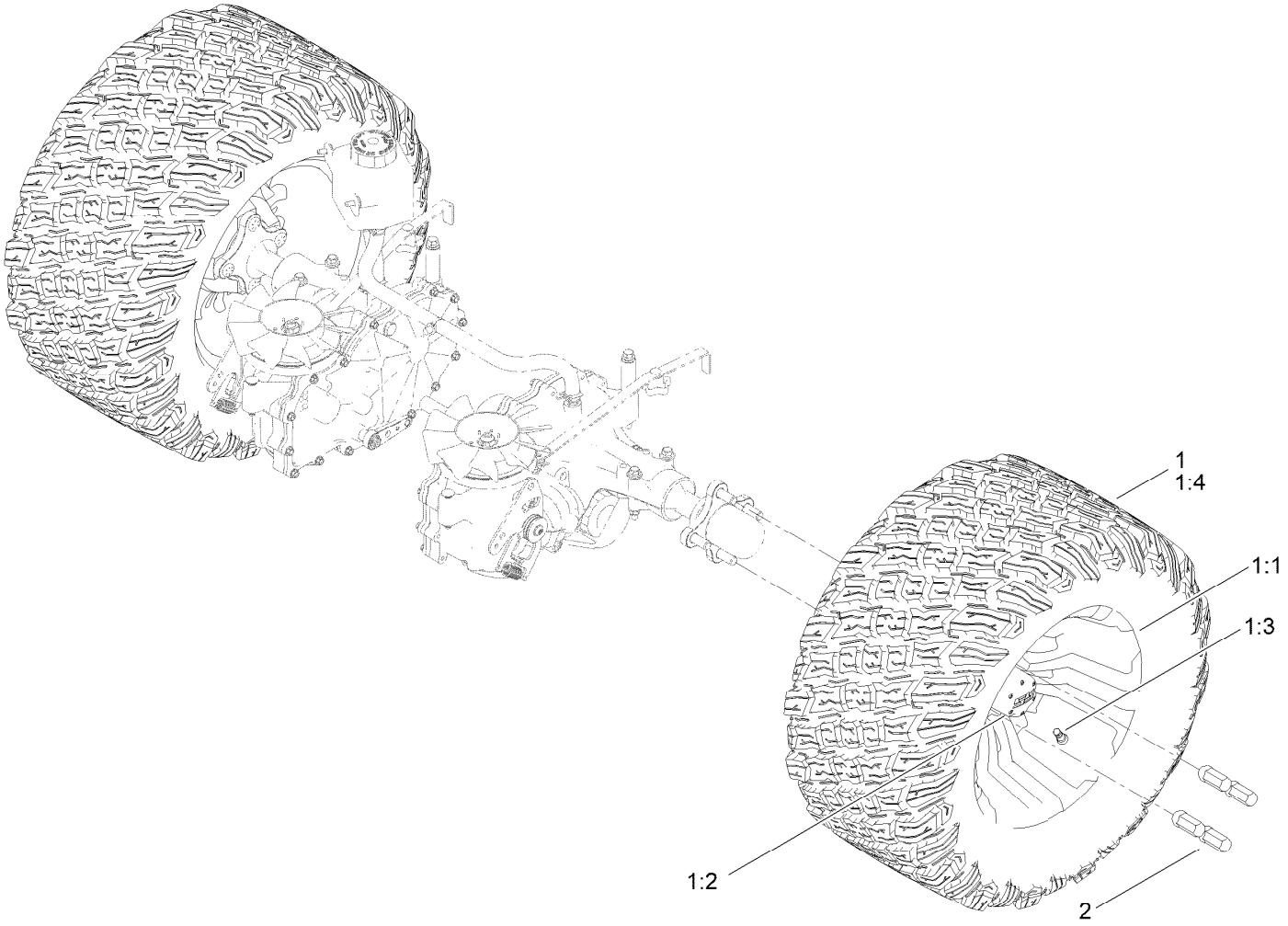


Front Caster Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-9411	2	ASM, Front Caster W/Fork
1:3		1	Tire And Wheel ASM ●
1:3:1	139-7533	1	Rim-6"
1:3:2	126-5959	1	Tire
1:3:3	232-27	1	Stem-Valve
1:3:4	136-4190	2	Bearing
2	109-3678	4	Bearing-Ball
4	144-0375	2	Cap, Grease
5	100-1668	2	Screw-HHF
6	3256-68	2	Washer-Flat
7	145-3660	2	Spacer-Bearing

● Not serviced separately

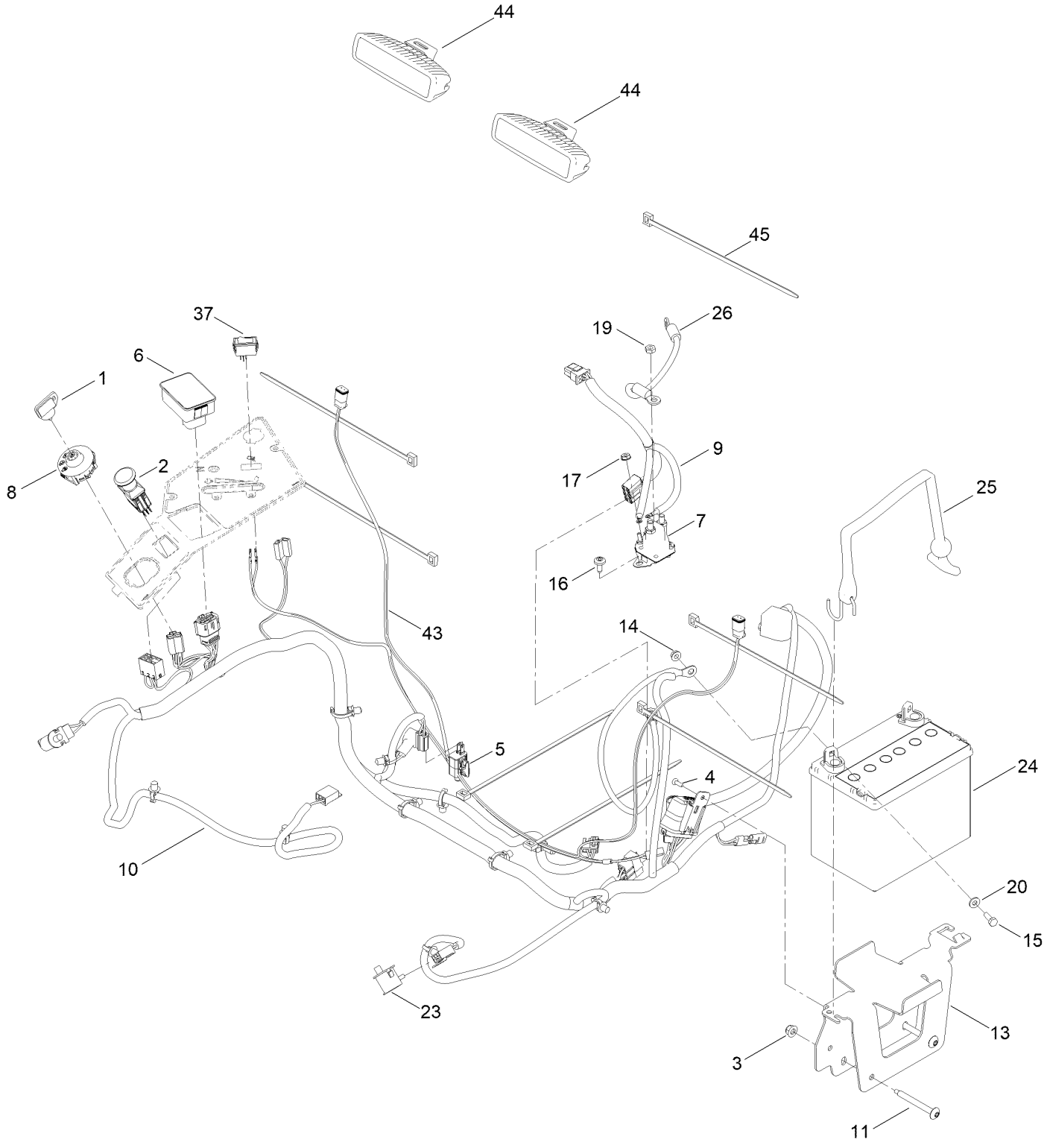
Wheel Assembly



Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-0522	2	Tire ASM
1:1	145-0523	1	Wheel
1:2	145-0524	1	Cap-Wheel
1:3	145-0529	1	Stem-Valve
1:4	144-1864	1	Tire
2	139-3603	8	Nut-Lug

Electrical Assembly



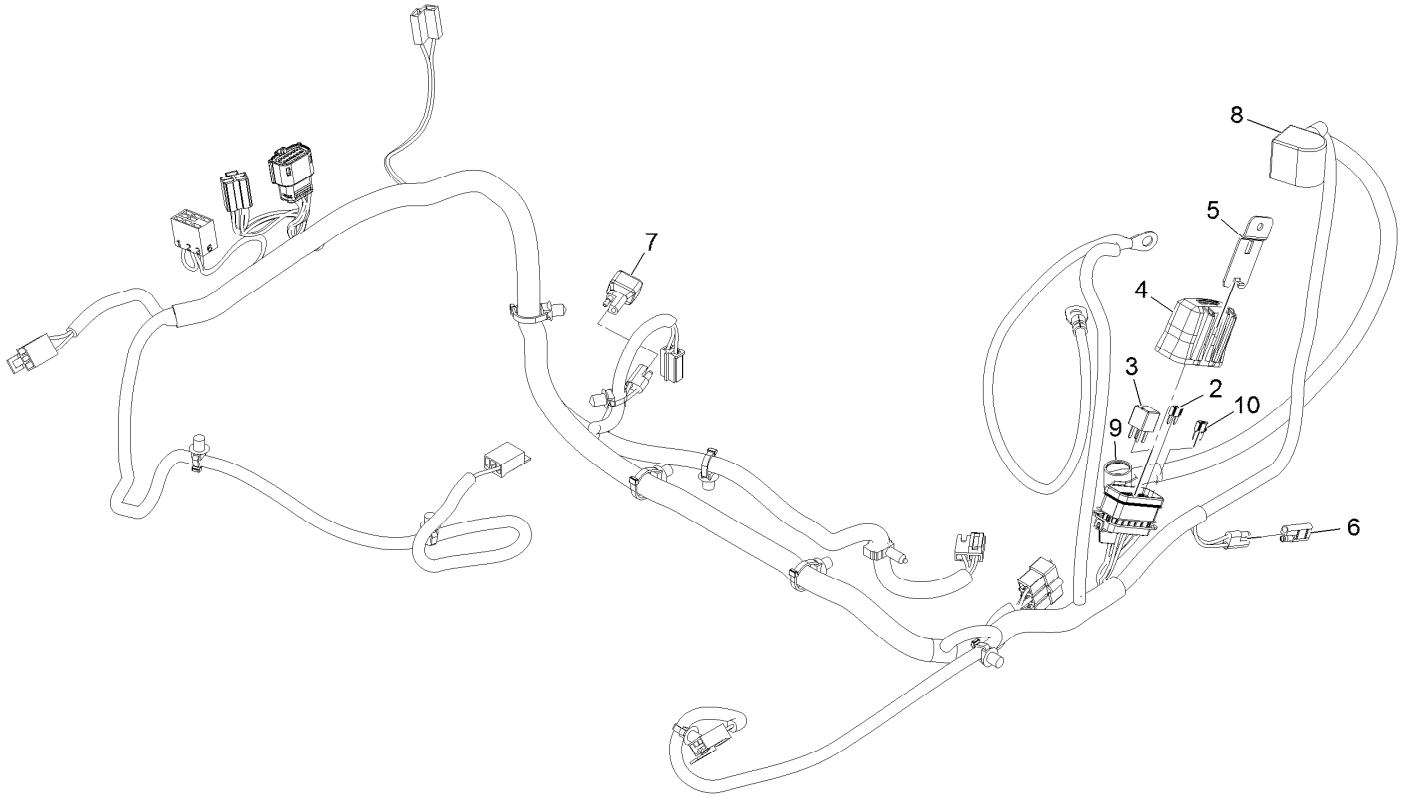
Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	63-8360	1	Key-Ignition
2	103-5221	1	Switch-PTO
3	104-8300	2	Nut-HF, NI
4	105-6849	1	Screw-Forming, Thread
5	110-6765	1	Switch
6	116-5609	1	Module ASM
7	117-1197	1	Solenoid
8	137-4100	1	Switch-Ignition
9	126-5036	1	Adapter-Harness, Wire
10	126-5803	1	Harness-Wire ▲
11	126-6267	2	Screw-TTH
13	126-6725-03	1	Tray-Battery
14	32128-33	2	Nut-HF
15	321-4	2	Screw-HH
16	126-6266	2	Screw-Tph
17	32149-8	2	Nut-Keps
19	3220-2	1	Nut-Jam
20	3256-22	2	Washer-Flat
23	82-2190	2	Switch-Bail
24		1	Battery - Wet (300 CCA, 12 V) ●■
25	142-8697	1	Strap, Bungee
26	100-3540	1	Cable-Battery, Positive
37	92-8875	1	Switch-Rocker
43	145-4611	1	Harness-Wire, Light Kit
44	126-7839	2	Light-LED
45	1-643115	12	Tie-Plastic

● Obtain locally. ■ Not serviced separately

▲ Use dielectric grease on all unsealed connectors and terminals only. Do not apply in sealed connectors.

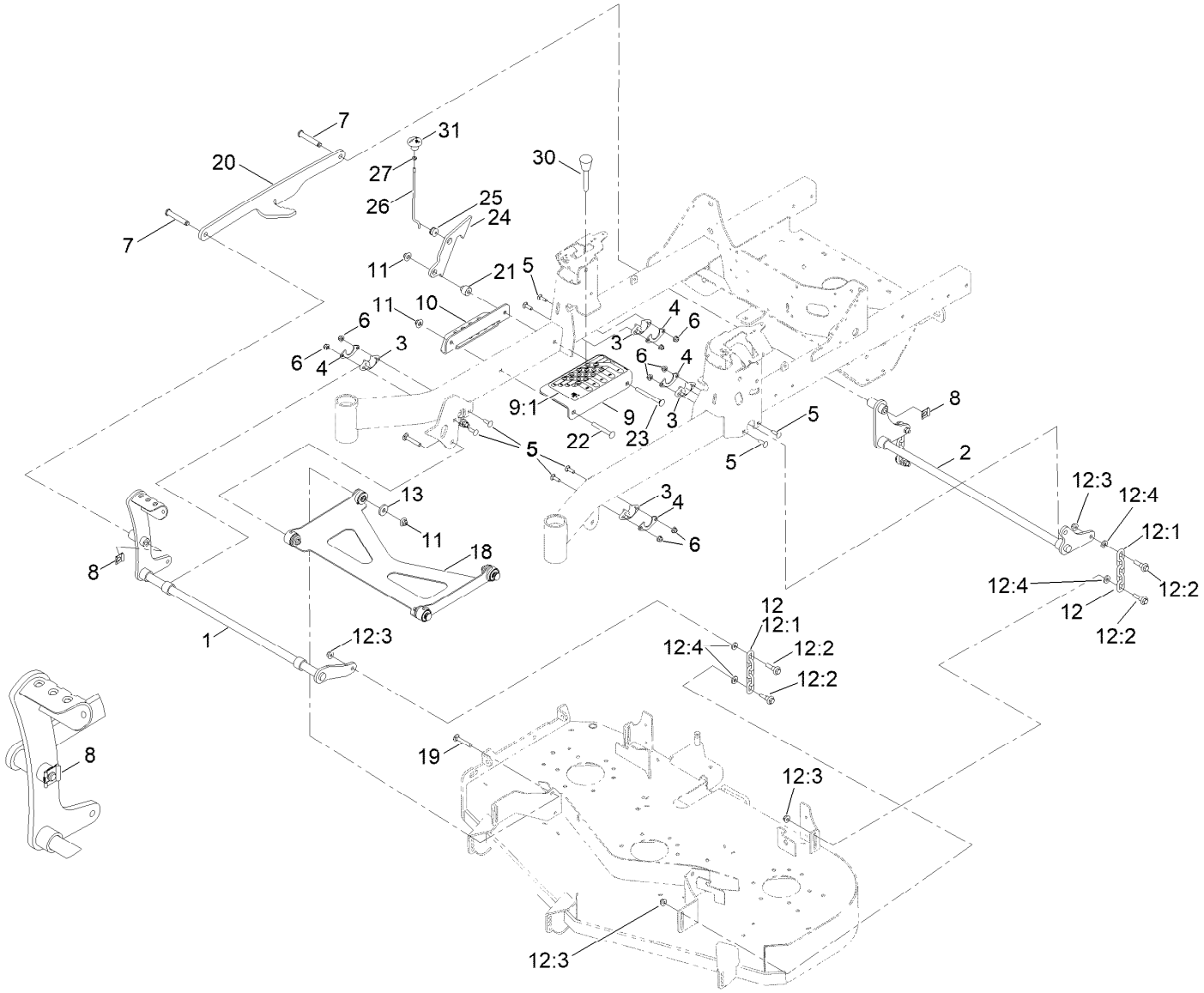
Harness Assembly No. 126-5803



Harness Assembly No. 126-5803 (continued)

Ref.	Part Number	Qty.	Description
2	121-8868	1	Fuse-Mini Blade, 20 Amp
3	126-3991	1	Relay-Micro
4	32180-176	1	Cover-Block, Fuse
5	32180-177	1	Clip-Mounting
6	116-0053	1	Cap-Plug
7	103-3895	1	Diode
8	126-8876	1	Insulator-Battery
9	1-543393	1	Insulator-Solenoid
10	121-8867	1	Fuse-Mini Blade, 15 Amp

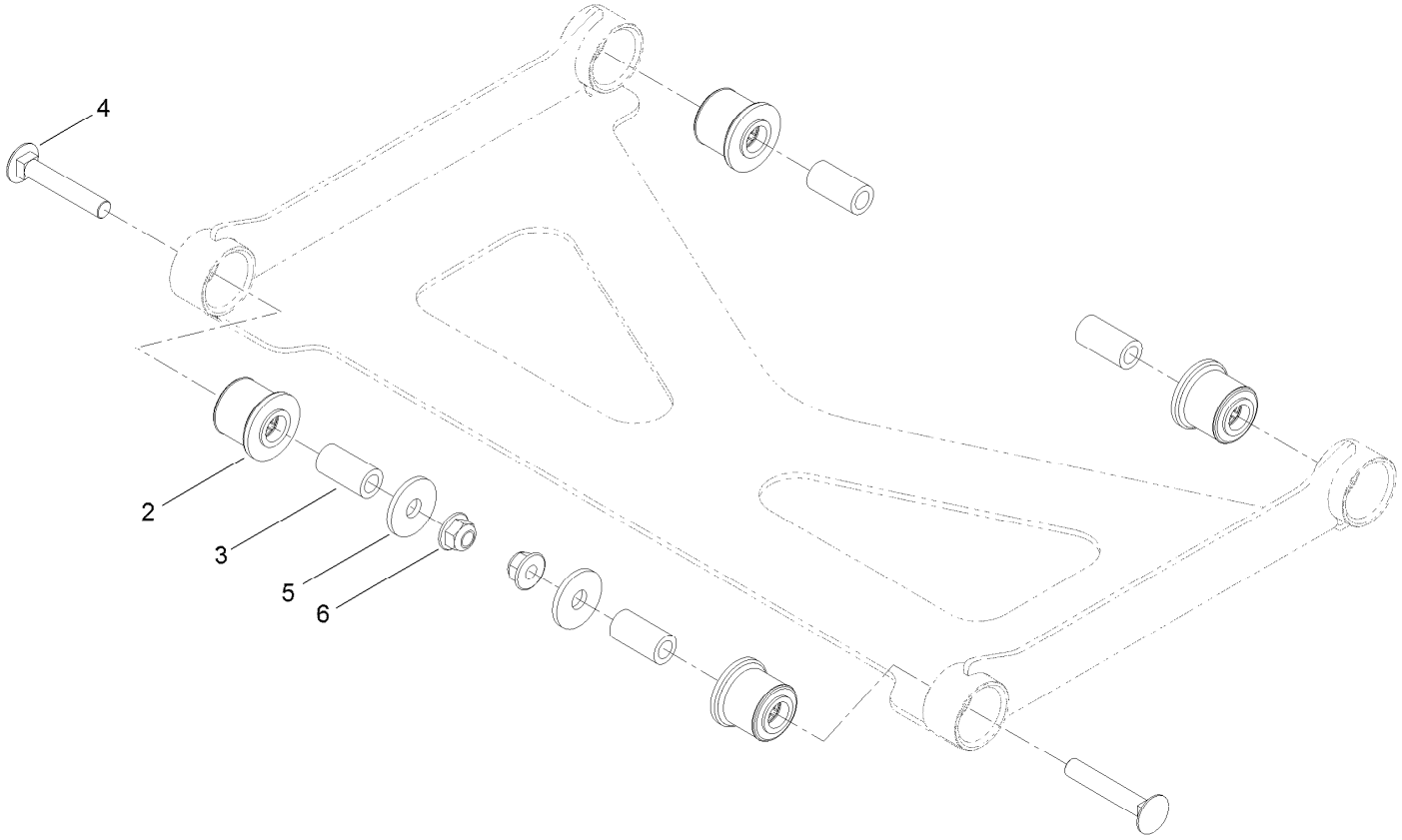
Deck Lift Assembly



Deck Lift Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-3342-03	1	Shaft-Lift, Deck
2	126-3343-03	1	Shaft-Lift, Deck (Rear)
3	139-5872	4	Bearing-Flange
4	116-2887	4	Gusset-Lift, Deck
5	3230-22	8	Screw-CARR
6	104-8300	8	Nut-HF, NI
7	126-9181	2	Pin-Clevis
8	138-8491	2	Clip-Pin
9	126-4535	1	Bracket ASM
9:1	126-4784	1	Decal-HOC
10	126-4640-03	1	Angle-HOC, Lower
11	109-6658	4	Nut-Flange, NI
12	126-8877	4	Deck Chain ASM
12:1	1-633447	1	Chain-Lift, Deck
12:2	130-0742	2	Bolt-Shoulder
12:3	104-8301	2	Nut-HF, NI
12:4	43-0940	2	Spacer
13	1-373034	2	Washer
18	126-8365	1	Deck Strut ASM
19	3231-7	2	Screw-CARR
20	126-4639-03	1	Link-HOC
21	126-5221	1	Spacer-Stepped
22	3231-42	1	Screw-CARR
23	135-0313	1	Screw-CARR
24	126-5222	1	Plate-Lock, Transport
25	126-5593	1	Grommet
26	126-5223	1	Rod-Lock, Transport
27	3218-1	1	Nut-Jam
30	126-5401	1	Pin-HOC
31	126-7019	1	Knob

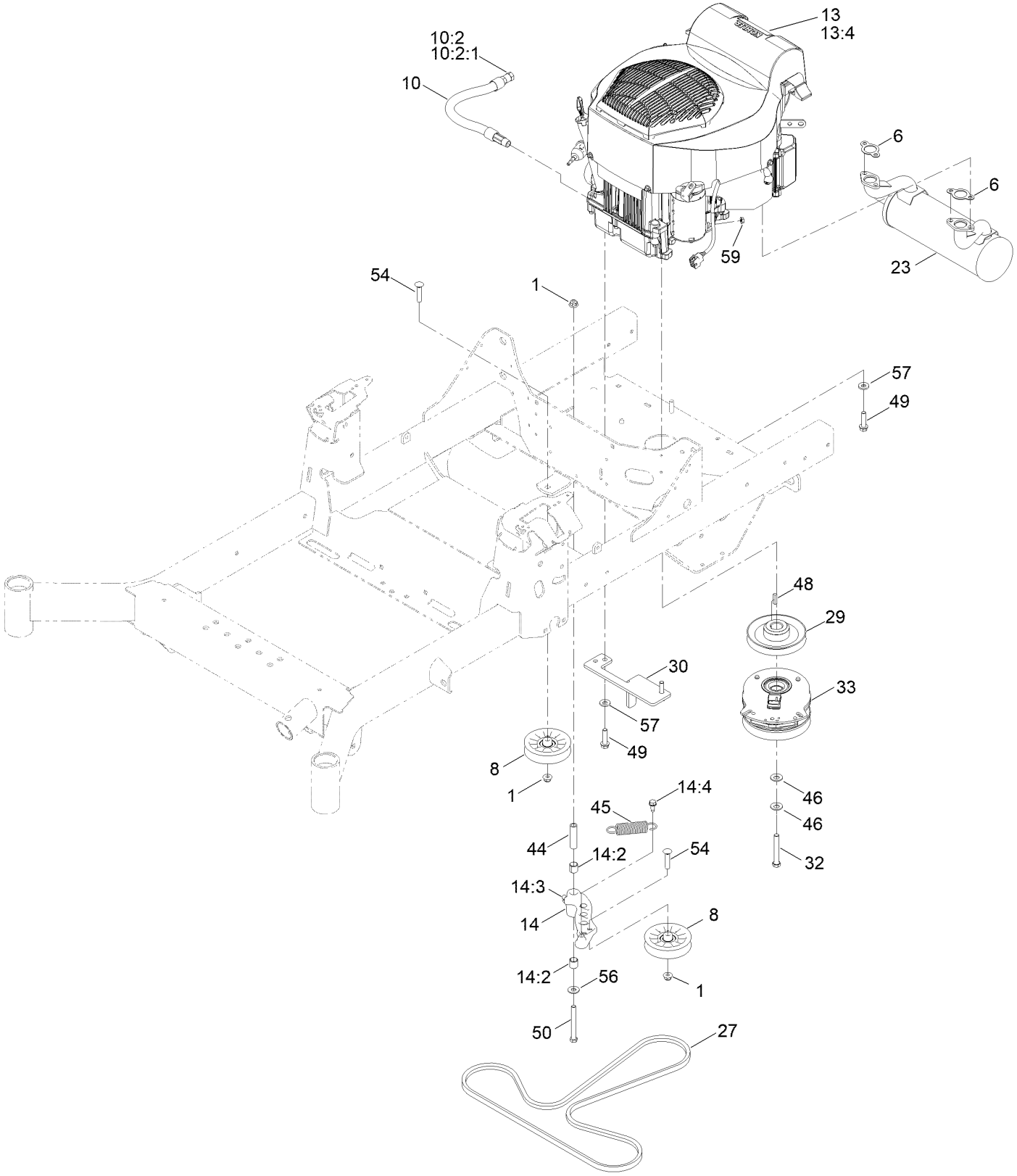
Deck Strut Assembly No. 126-8365



Deck Strut Assembly No. 126-8365 (continued)

Ref.	Part Number	Qty.	Description
2	126-8360	4	Bushing-Rubber, Suspension
3	108-6544	4	Spacer
4	3231-7	2	Screw-CARR
5	2844	2	Washer
6	104-8301	2	Nut-HF, NI

Engine Assembly

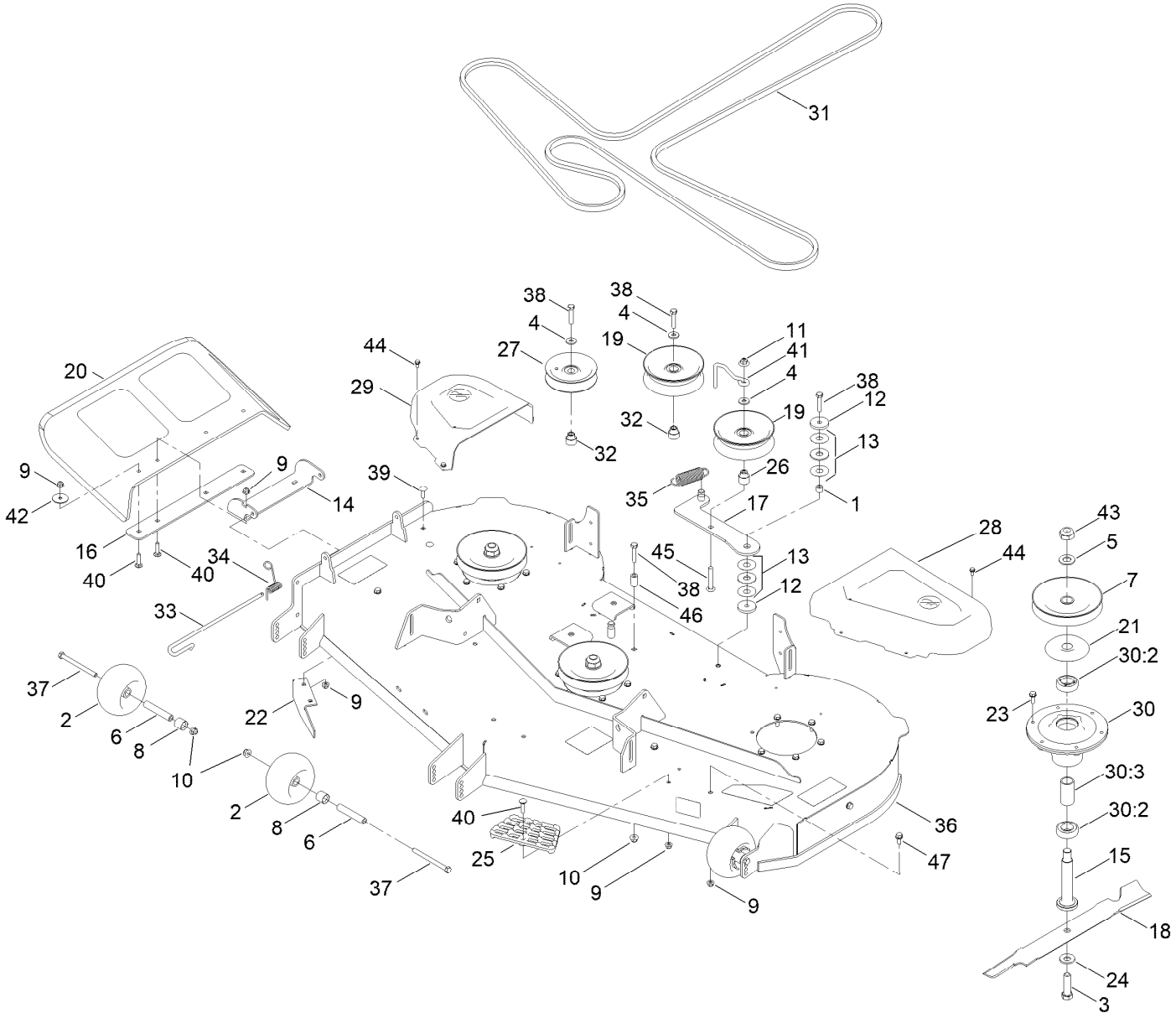


Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	104-8301	3	Nut-HF, NI
6	1-653291	2	Gasket-Exhaust
8	116-2456	2	Pulley-Flat Idler
10	116-5108	1	Oil Drain Hose ASM ▲
10:2	353-508	1	Plug-HH ■
10:2:1	237-42	1	O-Ring
13		1	Engine-Kohler Kt745 ◆ ❑
13:4	281-1	1	Plug-Pipe, SQH ●
14	126-0973	1	Idler Arm ASM
14:2	1-513034	2	Sleeve-Bearing
14:3	302-40	1	Fitting-Grease, 90 DEG
14:4	32144-11	1	Screw-HWH
23	126-4359	1	Muffler-Kohler Aes
27	126-5993	1	Belt-V
29	135-0134	1	Sheave-Engine
30	126-6687-03	1	Anchor-Clutch
32	126-7198	1	Screw-HH W/Loctite ❍
33	127-3410	1	Clutch-PTO
44	1-603384	1	Bushing-Pivot, Idler
45	1-603402	1	Spring-Extension
46	1-603610	2	Washer-Spring
48	1-807259	1	Key
49	32144-109	4	Screw-Thd
50	323-15	1	Screw-HH
54	3231-29	2	Screw-CARR
56	3256-4	1	Washer-Flat
57	98-5975	4	Washer-Belleville
59	32128-33	1	Nut-HF

● Not illustrated
▲ Torque to 17-23 ft-lb
❑ Obtain parts from www.kohlerplus.com
❍ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Torque to 24-26 ft-lb
◆ Not serviced separately

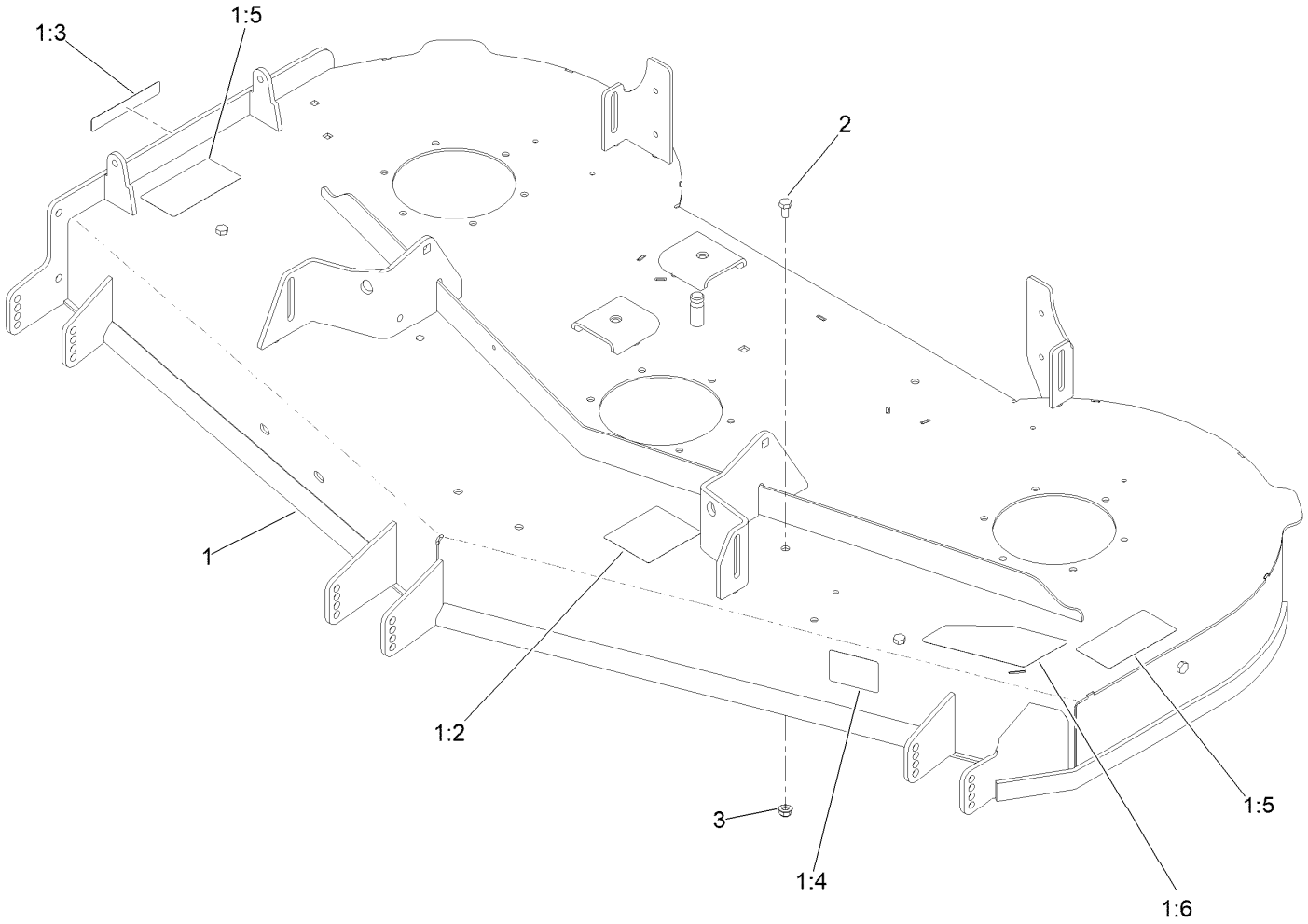
Deck Assembly



Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-413088	1	Bushing-Lever, Lift
2	1-603299	3	Roller-Scalp, Anti
3	51-4060	3	Screw-Blade
4	80-6990	3	Washer-Hardened
5	92-5836	3	Washer
6	98-7912	3	Tube-Spanner
7	135-0363	3	Sheave-Drive, Blade
8	104-0892	3	Spacer-Axle, Rear
9	104-8300	11	Nut-HF, NI
10	104-8301	4	Nut-HF, NI
11	109-6658	2	Nut-Flange, NI
12	110-9981	2	Washer-Plain
13	114-0463	2	Washer-Friction, Composite
14	114-1648-03	1	Bracket-Deflector, Upper
15	115-2642	3	Shaft-Spindle
16	115-5048-03	1	Plate-Deflector
17	115-5054	1	Arm-Idler
18	115-9649-03	3	Blade-Hi Flow
19	116-4669	2	Idler-Pulley, Flat
20	117-1270	1	Deflector
21	117-7210	3	Shield-Bearing
22	119-3388-03	1	Baffle-Cutoff
23	32144-41	18	Screw-Taptite
24	125-1736	3	Washer-Belleville
25	126-4781-03	1	Step-Deck
26	126-7684	1	Bushing-Idler
27	132-4718	1	Pulley-Idler, Flat
28	133-9282	1	Cover-Belt, LH
29	133-9283	1	Cover-Belt, RH
30	139-2357	3	Spindle ASM
30:2	116-0720	2	Bearing-Ball
30:3	138-7220	1	Spacer-Bearing
31	135-1873	1	Belt-Deck Drive
32	138-7227	2	Bushing-Idler
33	138-7231	1	Pin-Chute
34	138-7232	1	Spring-Torsion
35	139-3616	1	Spring - Extension
36	145-4605	1	Deck ASM - 60 [service]
37	323-23	3	Screw-HH
38	323-9	4	Screw-HH
39	3230-22	2	Screw-CARR
40	3230-3	5	Screw-CARR
41	144-1980	1	Belt Guide - Idler
42	3256-68	2	Washer-Flat
43	3296-67	3	Nut-Lock, NI
44	32144-4	8	Screw-HWH
45	3231-44	1	Screw-CARR
46	1-603401	1	Spacer
47	3234-5	4	Screw-HHF

Deck Decal Assembly No. 145-4605



Deck Decal Assembly No. 145-4605 (continued)

Ref.	Part Number	Qty.	Description
1		1	Deck ASM W/Decals 60 ●
1:2	117-1194	1	Decal-Routing, Belt
1:3	130-0731	1	Decal-Danger
1:4	130-0765	1	Decal-Scalp, Anti
1:5	132-0872	2	Decal-Danger, Deck
1:6	145-0542	1	Decal-Deck
2	322-2	4	Screw-HH
3	104-8300	4	Nut-HF, NI

● Not serviced separately

Attachments and Accessories

For 76602 60in TITAN MAX Riding Mower

Product Name	Model/Part
Hypr-Oil 500 (quart)	114-4713
Hypr-Oil 500 (gallon)	114-4714
Hypr-Oil 500-5 (5 gallon)	114-4715
Toro Hydro Kit	121-3783
Cover-Hitch	126-8299
Weight Caster Kit	126-8639
Jack Kit	127-6666
Fuel Stabilizer .05 oz	130-2393
4-Cycle Fuel, Snow And Lawn 32oz Can	131-3823
Toro Premium Fuel Treatment 12oz Bottle	131-6572
Hi-Back Seat Cover	133-1308
60in Recycler Kit	136-7490
Spark Arrestor, 1.25 I.D.	137-8098
Suspension Seat	139-3626
Tweel-Turf Tire	139-3649
Semi Pneumatic Wheel and Tire Assembly, 13x6.50-6	140-4896
Hd Bagger Cover Kit	140-5036
Leaf Bagging Enhancement Kit	140-5122
Tilt Sensor-Radius	142-2802
Light Kit (mid-mount ZRT Mower)	144-1992
Jack Mount Kit	144-1993
Hardtop Sun Canopy	144-3719
Handle Extension Kit	145-3615
Two-Tone Aluminum Tire Kit	147-3043
Seat Suspension Kit [Titan Max]	147-7613
Toro Deluxe Rider Cover	490-7319
Powered Bagger	79347

Notes:

Count on it.