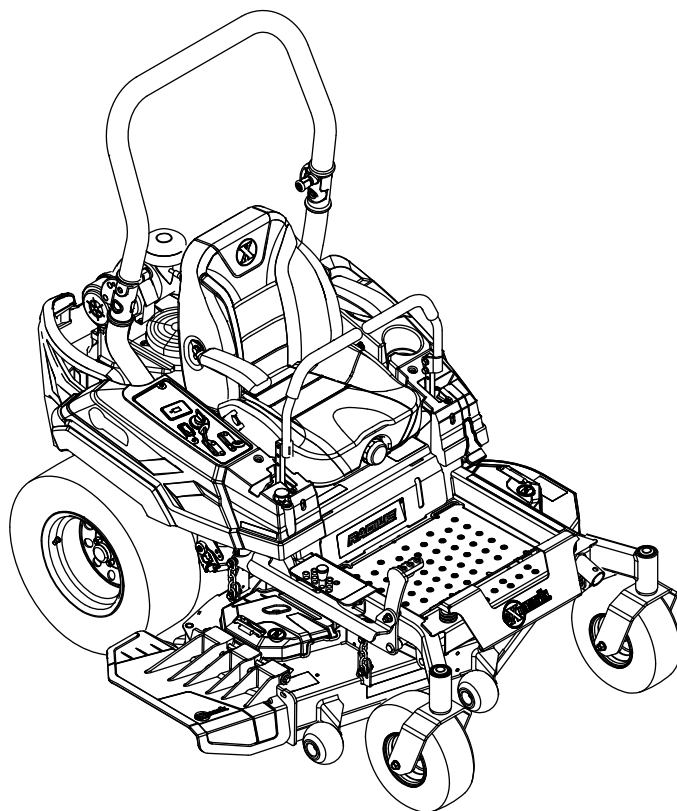




RADIUS® E-SERIES

Model No. RZE708GEM48C00—Serial No. 413950474 and Up

Picture below may not reflect actual product.



Parts Manual

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.

Touch Up Paint

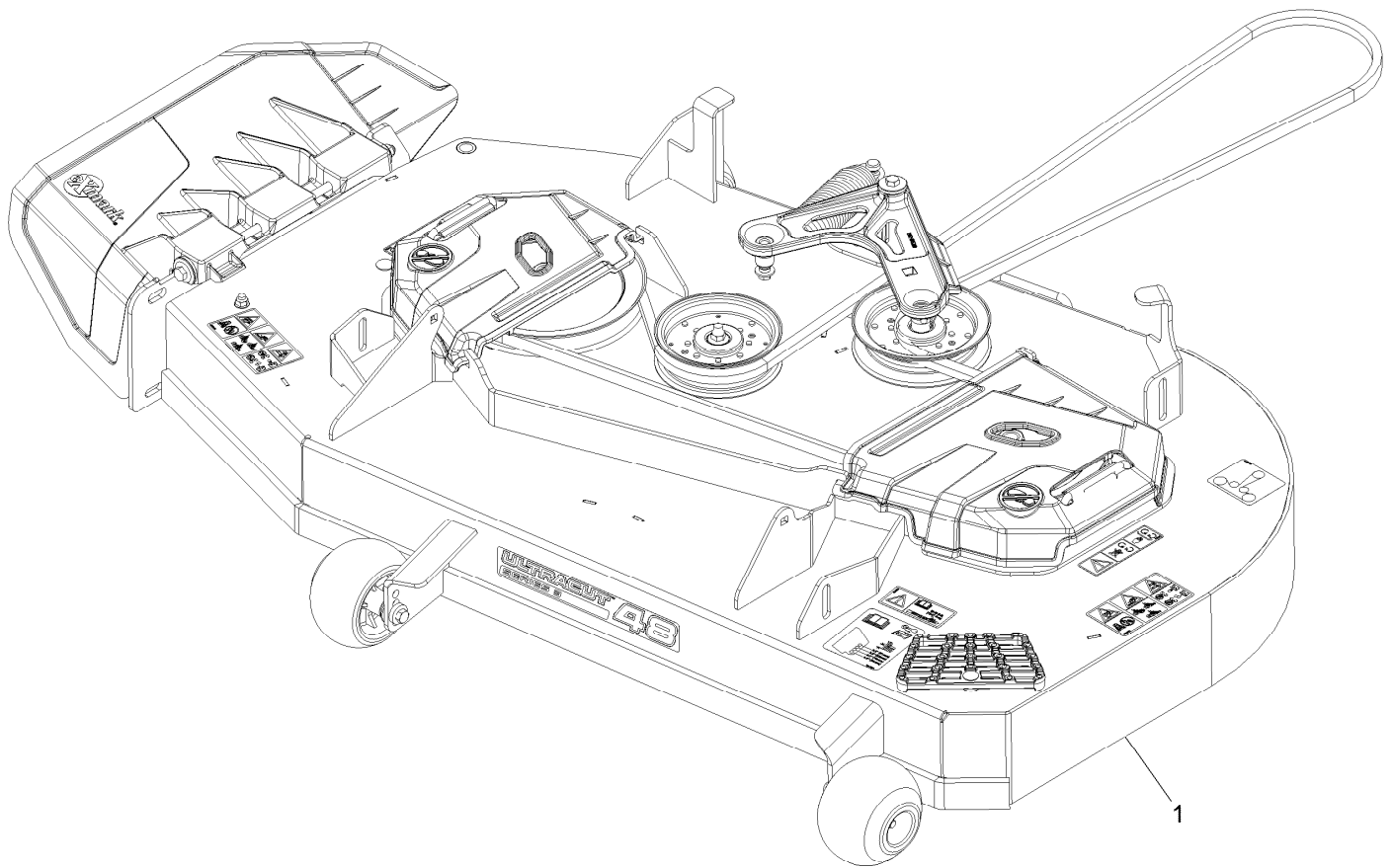
Exmark black touch up spray paint – gloss black.

Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).

Contents

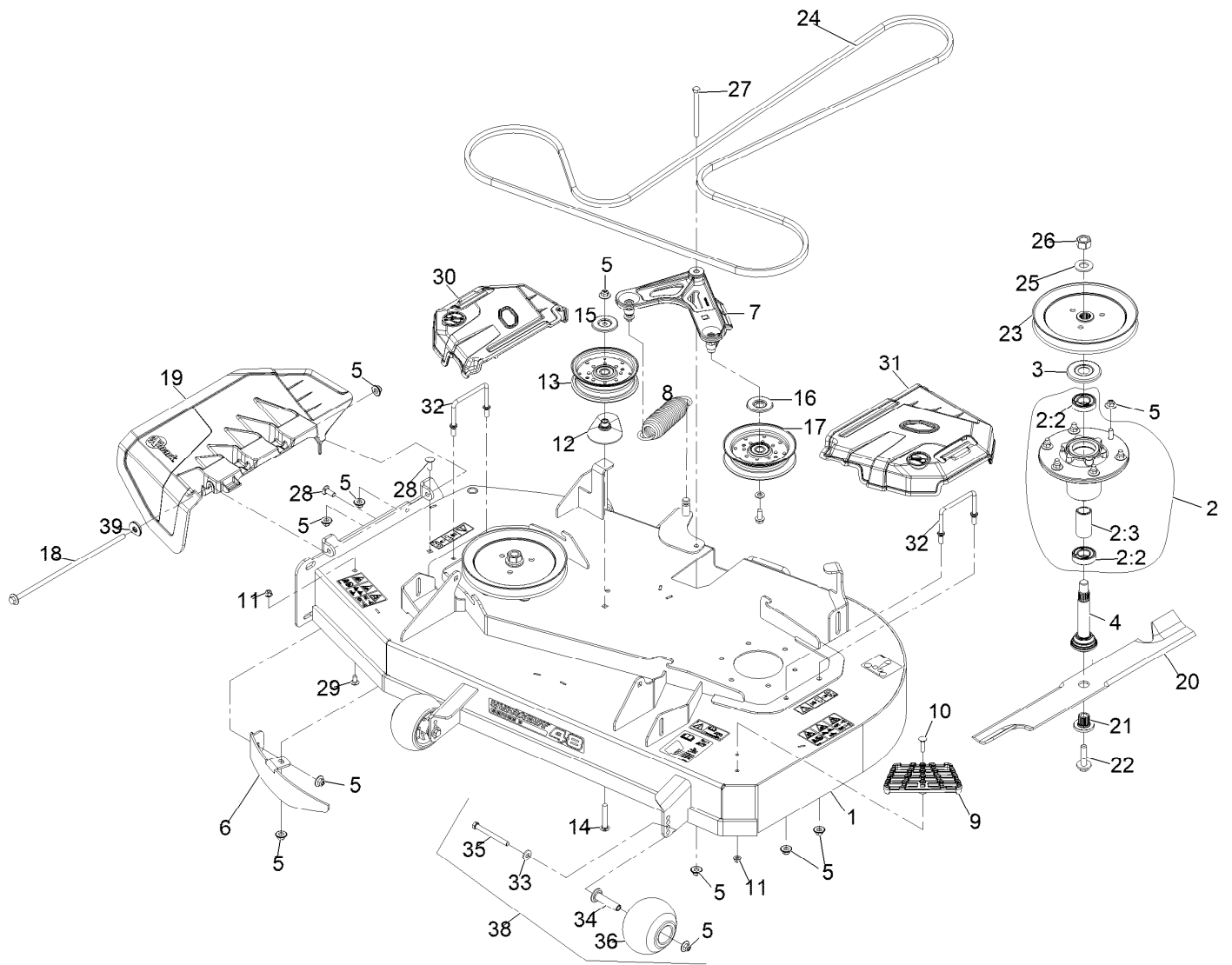
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Complete Deck Assembly



Complete Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8593	1	Deck-ASM



Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-6558	1	ASM, 48" Deck W/Decals	20	103-6384	2	Blade-Solid ●
2	116-3344	2	ASM-Cutter Hsg With Bearings	20	103-6389	2	Blade, Low Lift ●
2:2	116-0720	2	Bearing-Ball	20	103-6394	2	Blade, Mulching ● ♦
2:3	116-3312	1	Spacer-Bearing	20	103-6404	2	Blade-Notched
3	103-1330	2	Guard-Bearing Top	21	103-3037	2	Bushing, Splined
4	116-3342	2	ASM-Spindle And Seal	22	109-9220	2	Screw-Sems 1/2-20 X 2.19 ■ □
5	109-6658	24	Nut-Nyloc 3/8-16 Flg	23	116-4589	2	Sheave-Blade Drive, 8.40
6	142-9262-01	1	Baffle-Discharge 48 2Blade	24	109-2523	1	Belt 46"
7	142-6530	1	ASM-Idler Arm W/Bearings	25	103-2802	2	Washer-Spring Disc 3/4
8	116-6317	1	Spring-Extension	26	116-7306	2	Nut-Hex 3/4-16 W/Patch ▲
9	126-4781-03	1	Step-Deck	27	323-38	1	Screw-HH 3/8-16 X 4 3/4
10	3230-3	1	Bolt-Carriage 5/16-18 X 1 1/4	28	3231-22	2	Bolt-Carriage 3/8-16 X 1
11	104-8300	2	Nut-Nyloc 5/16-18 Flg	29	3230-18	1	Bolt-Carriage 5/16-18 X 5/8
12	109-2872	1	Spacer-Pulley	30	142-7103	1	Shield, Rt
13	126-9197	1	Idler-Pulley, Flat 5.00X1.31	31	142-7102	1	Shield, Lt
14	3231-44	1	Bolt-Carriage 3/8-16 X 2 1/2	32	109-6982	2	Wireform-Cover
15	126-8043	1	Shield-Dust	33	98-5975	3	Washer-Spring Disc 3/8
16	126-9195	1	Shield-Guard, Dust	34	116-8131	3	Axle, Roller
17	126-9196	1	Idler-Pulley, Flat	35	116-9362	3	Screw-HH 3/8-16 X 3 3/4 GR 8
18	142-8544	1	Pin, Chute	36	103-8415	3	Roller-Anti-Scalp
19	142-7025	1	Chute-Deck Discharge	38	116-9981	3	Kit, Anti-Scalp Roller
20	116-5171	2	Blade-Extreme 2, 24.50" ●	39	146-0943	1	Retainer, Chute

● Optional Equipment

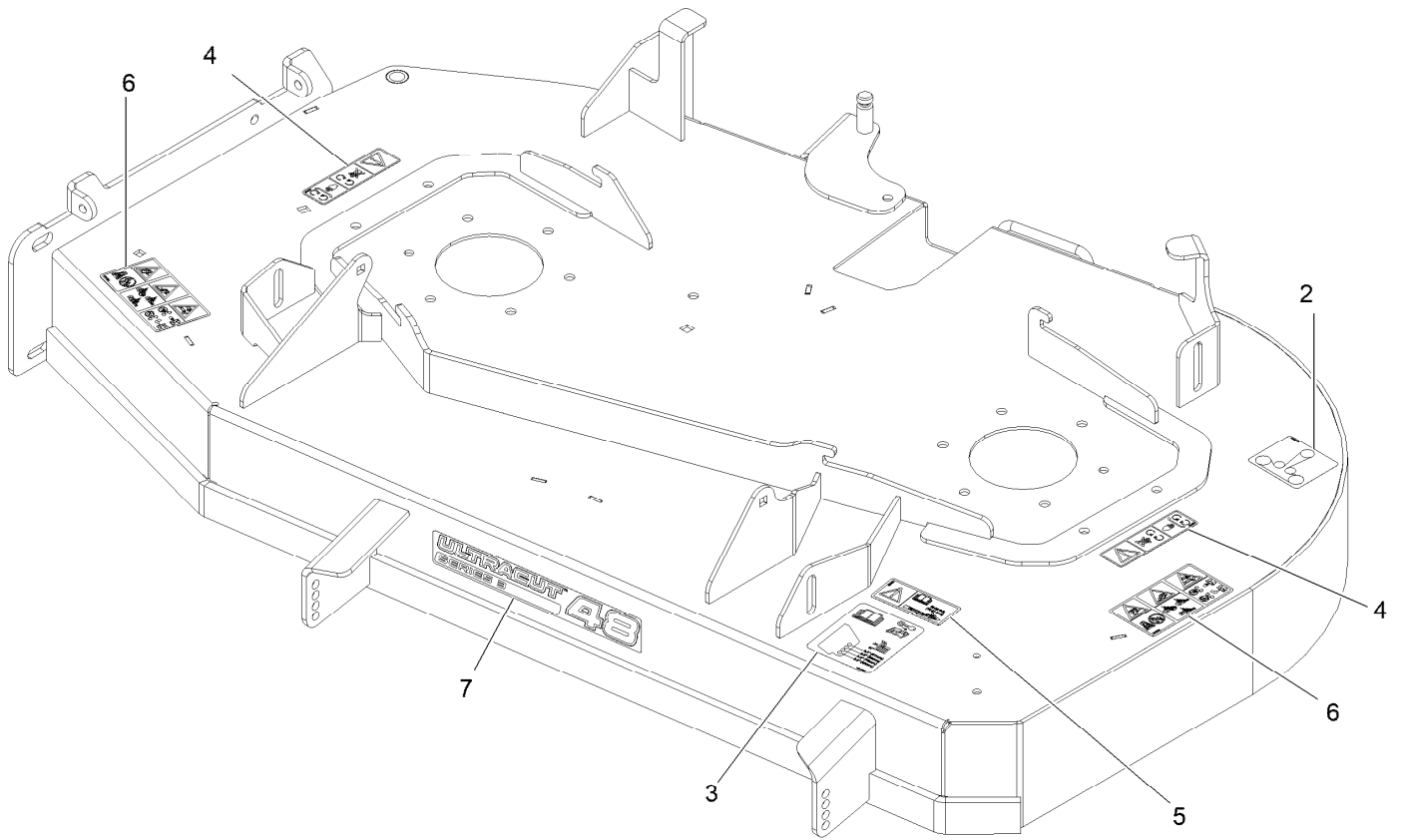
■ Torque to 50-60 ft-lb

▲ Torque to 130-160 ft-lb

♦ Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.

□ Apply lubricant to threads as needed to prevent seizing. Copper based anti-seize preferable. Grease is an acceptable substitute.

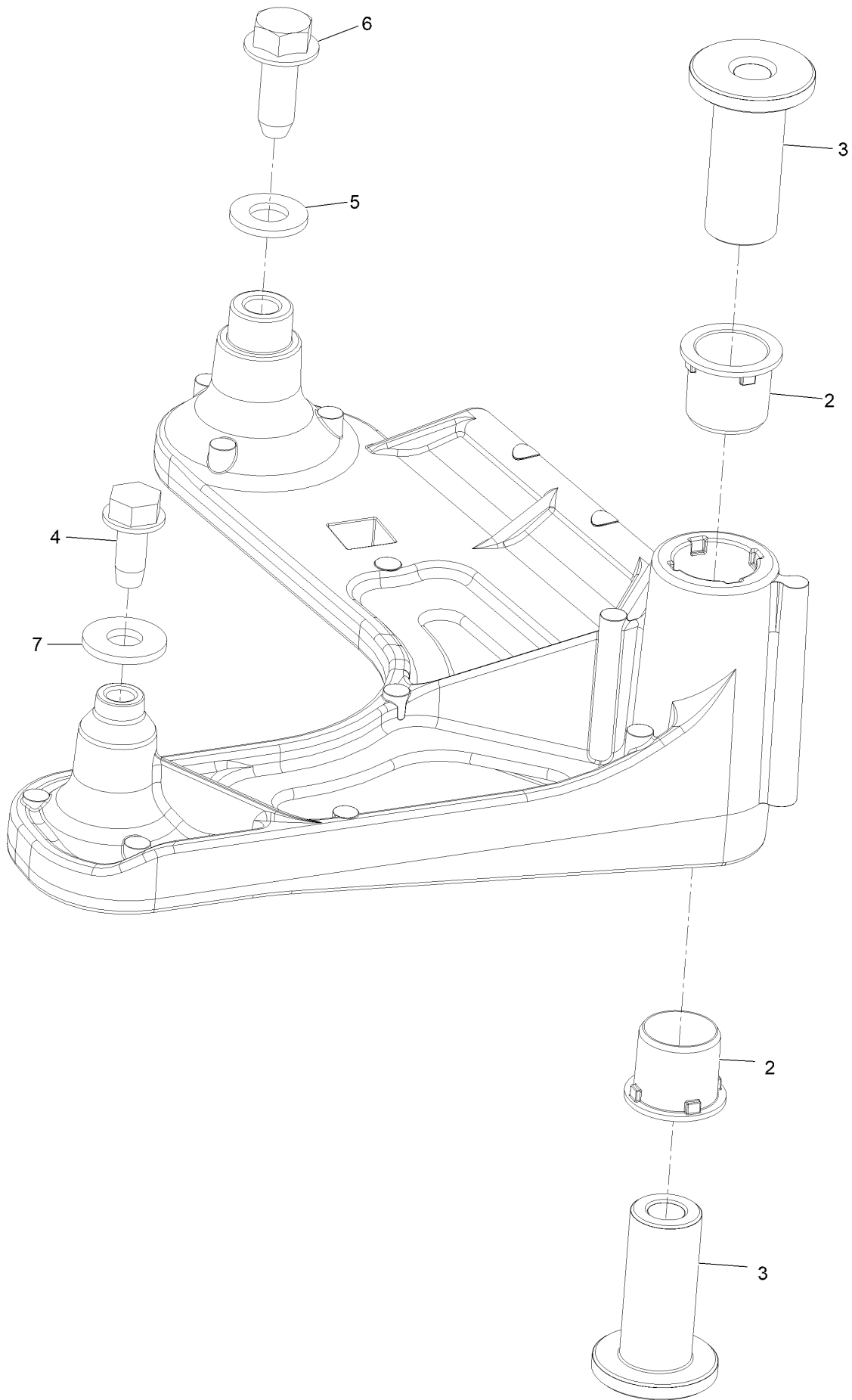
Deck W/Decals Assembly



Deck W/Decals Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	109-6014	1	Decal-Routing, Belt	6	126-6464	2	Decal-Danger Thrown Objects
3	109-6036	1	Decal-Roller, Anti-Scalp	7	126-6746	1	Decal-Ultracut 48 Series 3
4	112-9028	2	Decal-Cover, Missing				
5	116-8283	1	Decal-Torque, Bolt				

Idler Arm Assembly

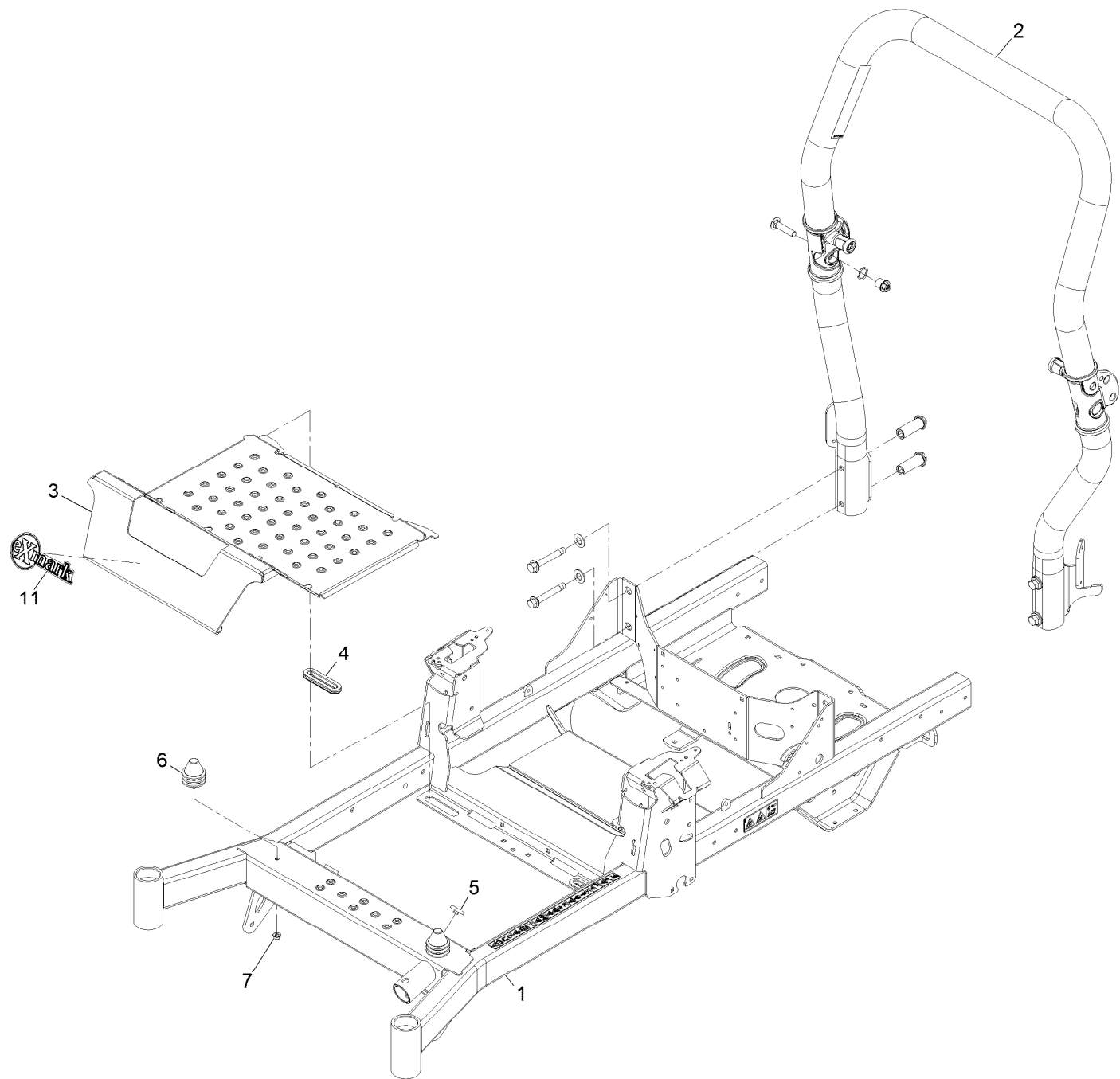


Idler Arm Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	142-5935	2	Bushing, Igus
3	142-6529	2	Spacer, Idler Pivot
4	32144-11	1	Screw-HWH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	3256-24	1	Washer-Flat
6	126-1696	1	Screw-HWHTF
7	3256-3	1	Washer-Flat

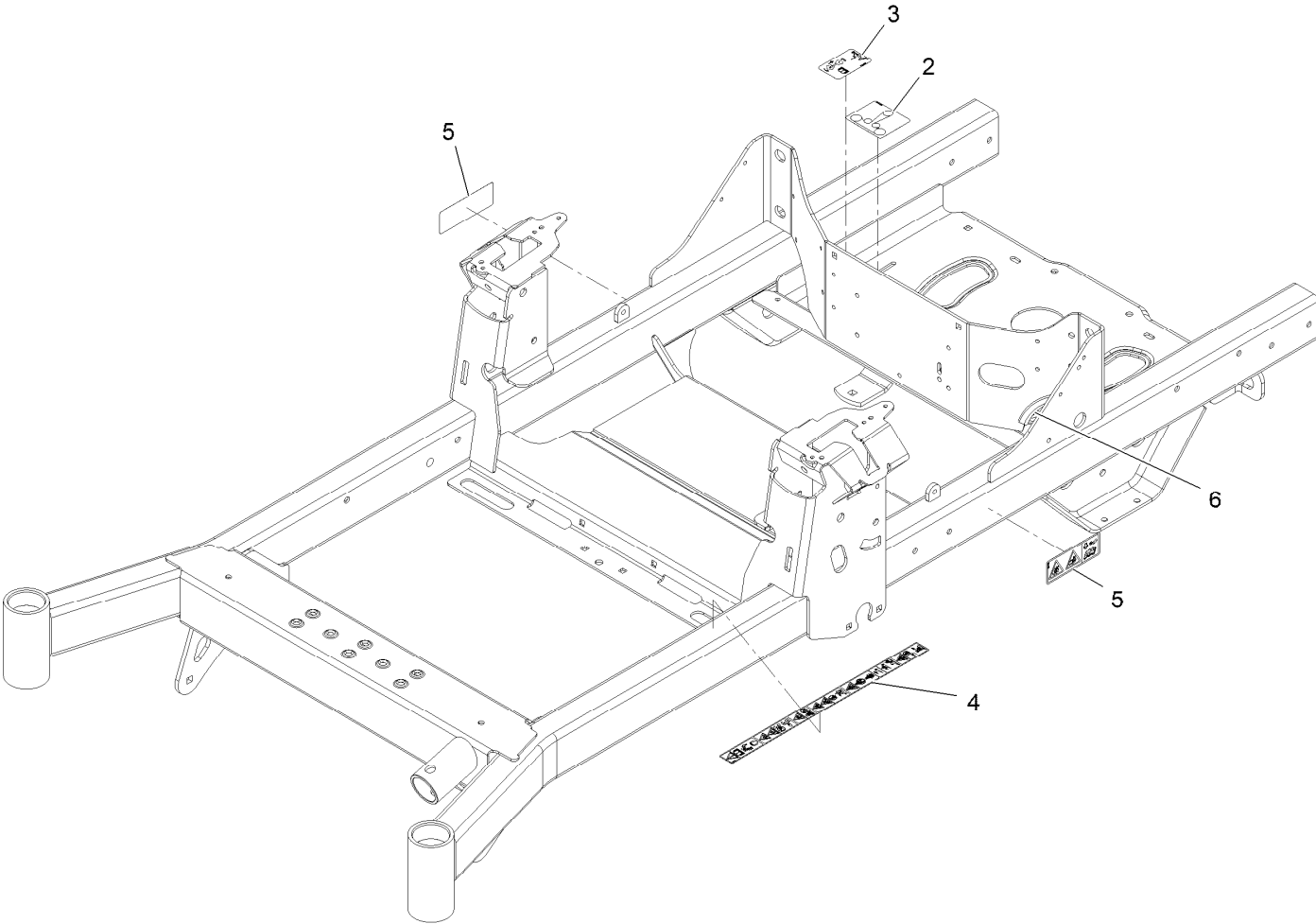
Main Frame Assembly



Main Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8340	1	ASM, Frame W/ Decals	5	109-9233	2	Bumper-Push-In, Rubber
2	142-8704	1	ASM, ROPS	6	126-5491	2	Isolator
3	126-7064-01	1	Pan-Floor	7	104-8300	2	Nut-Nyloc 5/16-18 Flg
4	126-7065	2	Grommet-Rubber	11	126-8819	1	Decal-Exmark Logo

Frame w/Decals Assembly

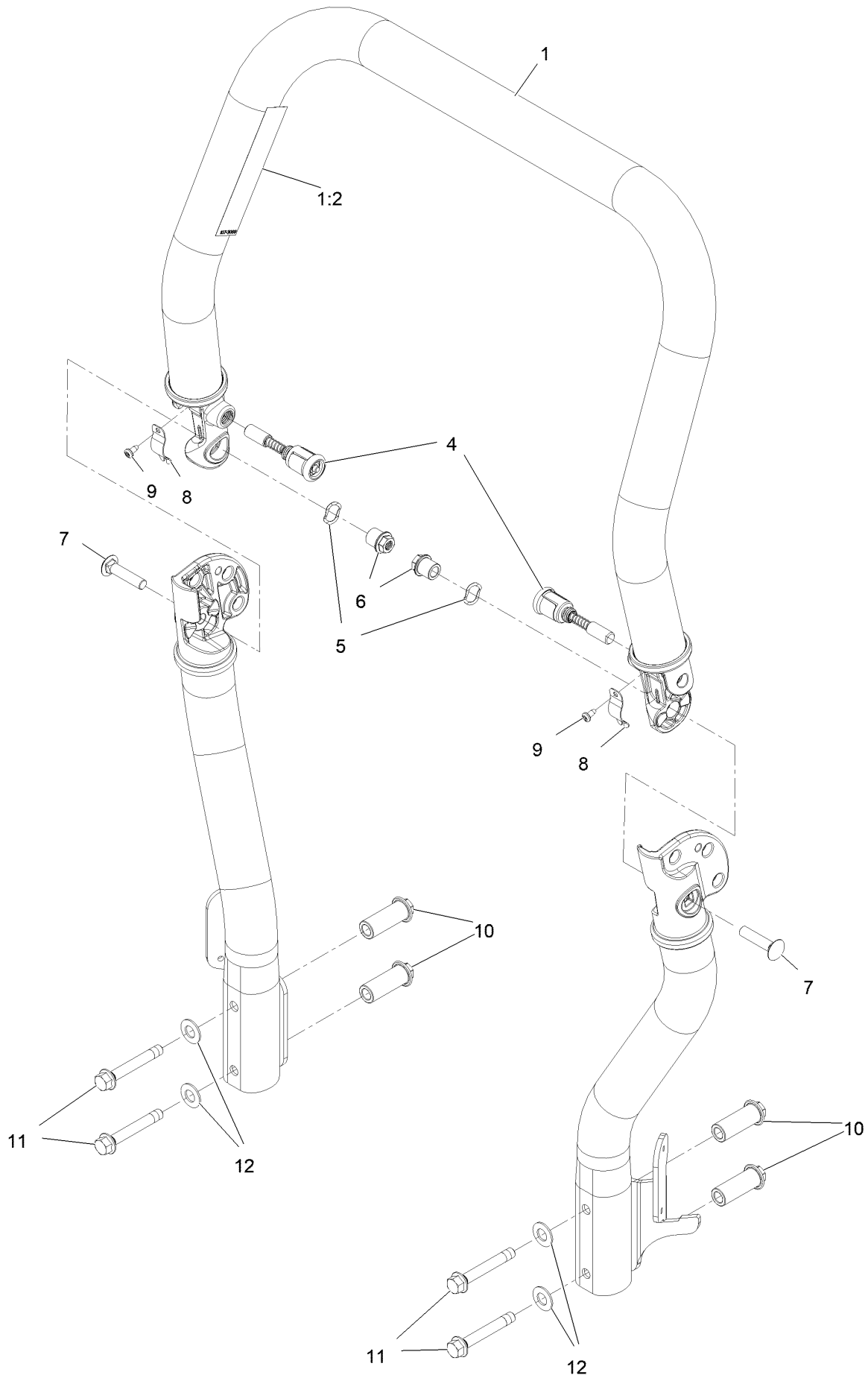


Frame w/Decals Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	109-6014	1	Decal-Routing, Belt
3	116-8588	1	Decal-Release, Drive
4	142-7754	1	Decal-Warning(Aurora)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	126-4363	2	Decal-Warning
6	127-6618	1	Strip-Seal

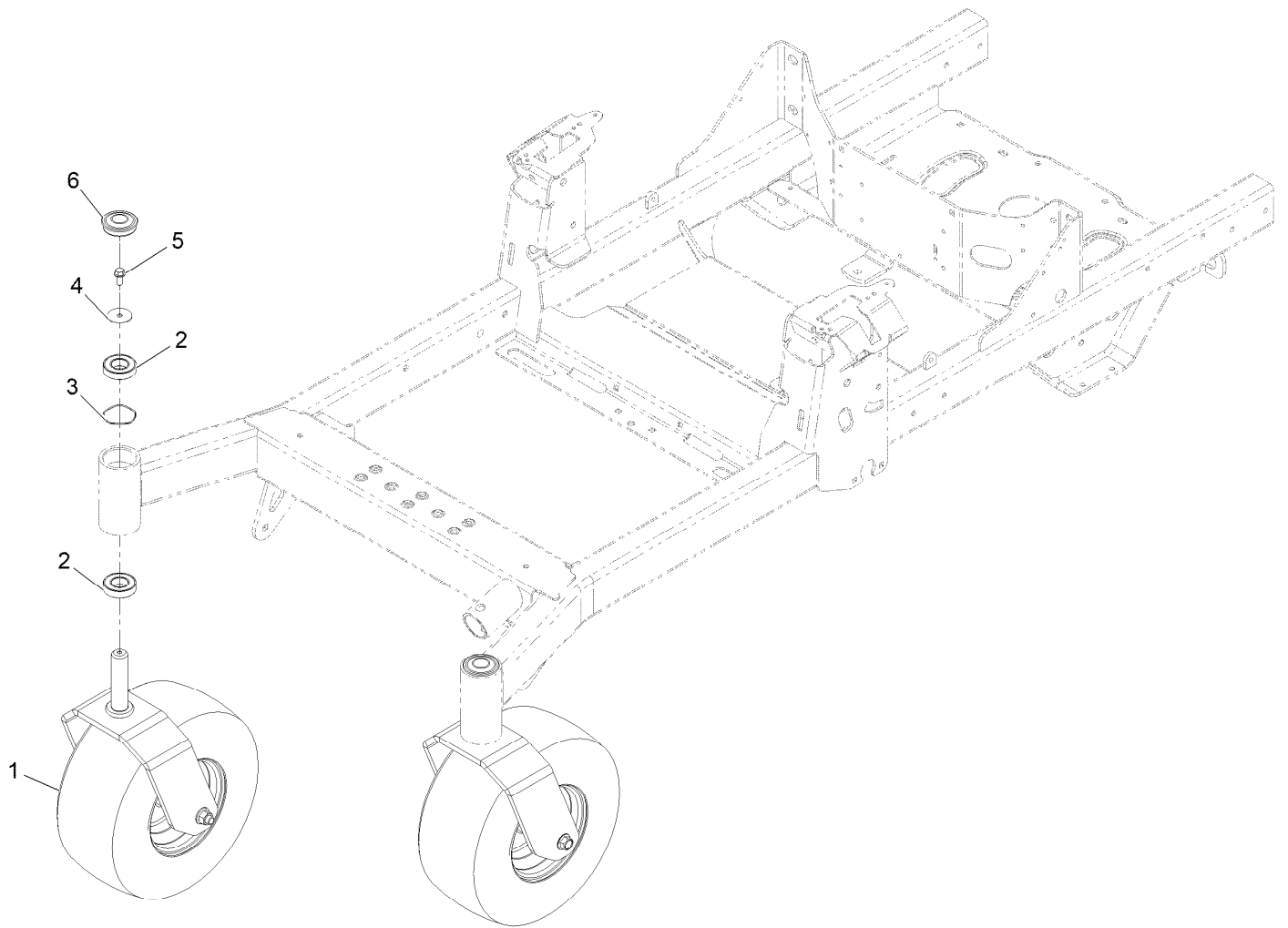
Roll-Over Protection System Assembly



Roll-Over Protection System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8492	1	ASM, ROPS Upper W/ Decal	7	142-8824	2	Bolt,CARR, Spcl
1:2	107-3069	1	Decal-Warning	8	142-5261	2	Spring, ROPS
4	116-0104	2	Pin-Spring	9	142-7097	2	Screw
5	126-9866	2	Washer, Wave	10	142-5250	4	Spacer, ROPS
6	126-9821	2	Nut, ROPS Pivot	11	142-9547	4	Bolt, Shoulder
				12	142-9550	4	Washer, Belleville

Caster Tire Assembly

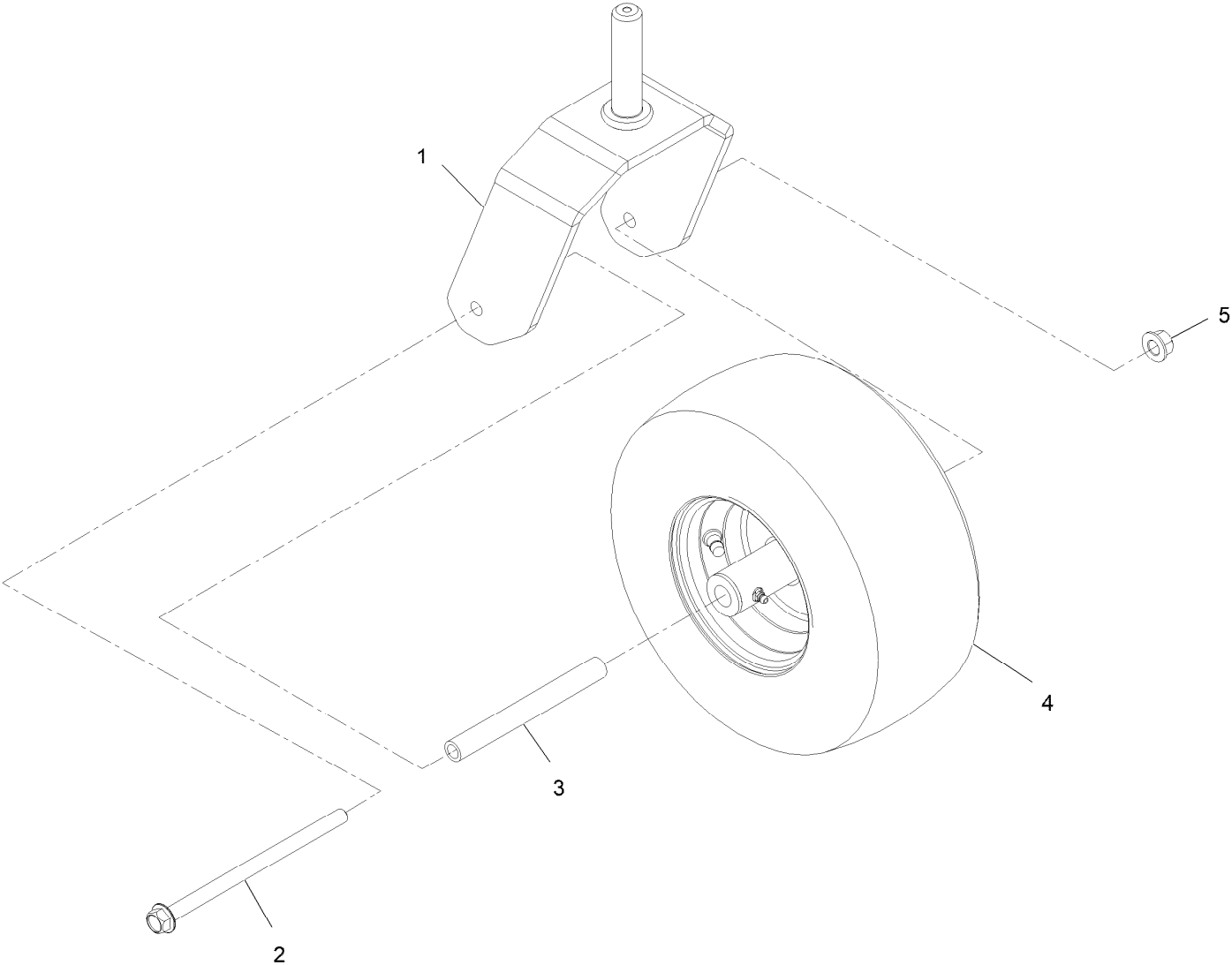


Caster Tire Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8130	2	ASM-Front Caster W/Fork
2	109-3678	4	Bearing-Ball
3	126-5897	2	Spring

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	3256-68	2	Washer-Flat
5	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
6	144-0375	2	Cap, Grease

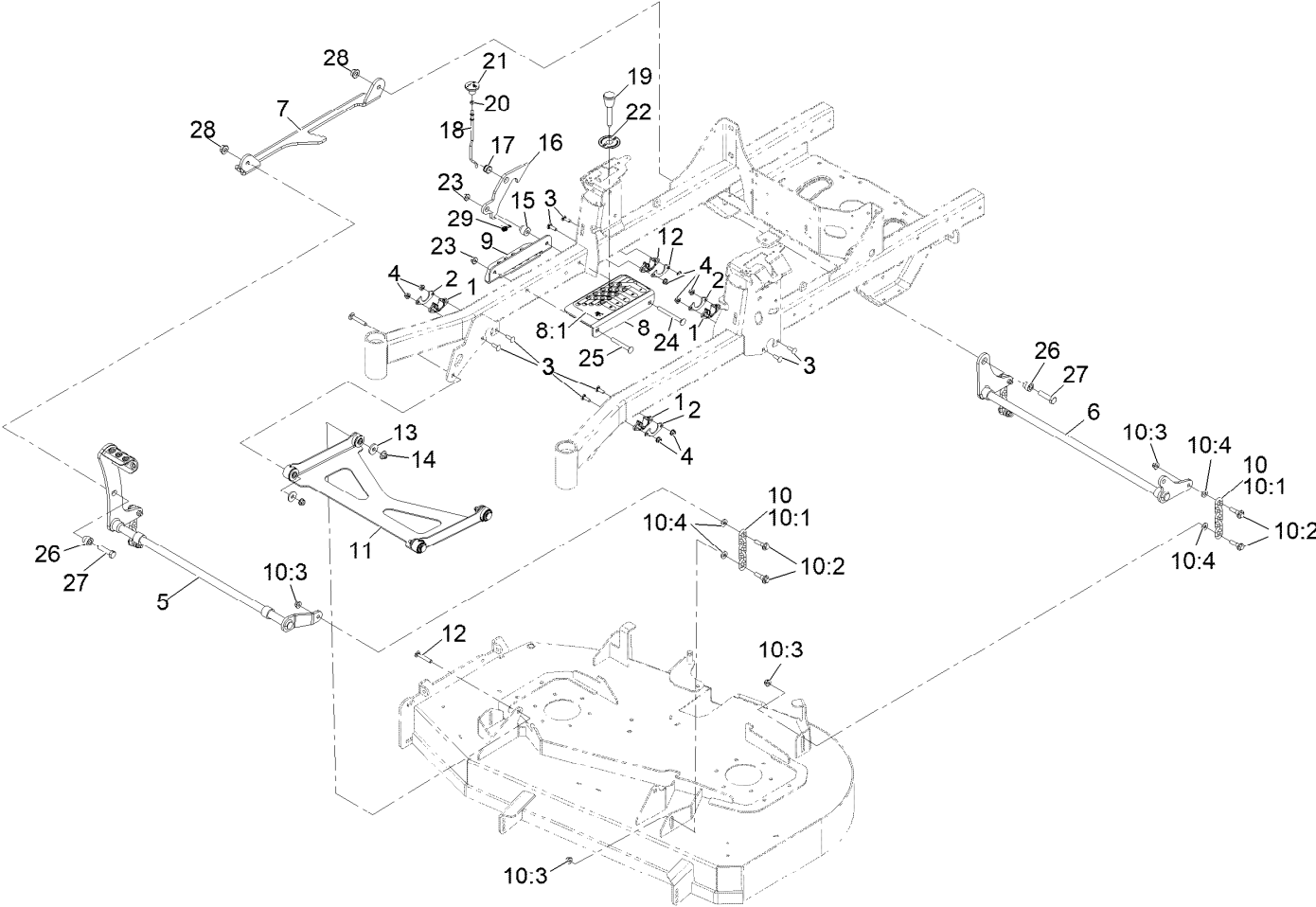
Caster Wheel Assembly



Caster Wheel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-7827-01	1	Fork-Caster	4	126-4860	1	ASM, Tire & Wheel
2	126-5389	1	Screw-HHF	5	99-5107	1	Nut-Lock 1/2-13
3	127-0068	1	Spanner-Wheel, Caster				

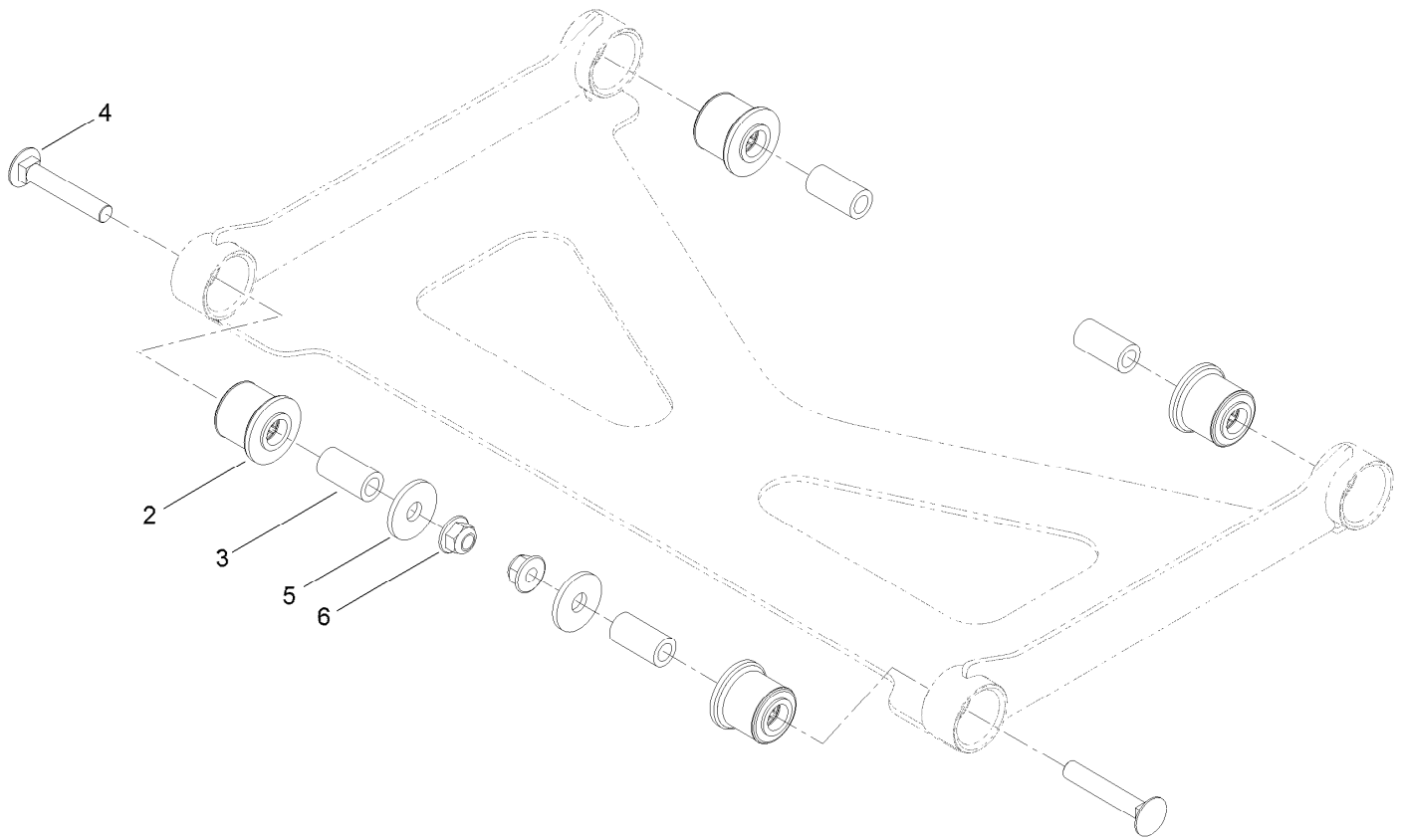
Deck Lift Assembly



Deck Lift Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-5872	4	Bearing-Flange	13	1-373034	2	Washer
2	116-2887	4	Gusset-Lift, Deck	14	109-6658	2	Nut-Nyloc 3/8-16 Flg
3	3230-22	8	Bolt-Carriage 5/16-18 X 1 Sp	15	126-5221	1	Spacer-Stepped
4	104-8300	8	Nut-Nyloc 5/16-18 Flg	16	142-8481	1	Latch, Transport
5	135-5083-03	1	Shaft-Decklift Front	17	126-5593	1	Grommet
6	135-5081-03	1	Shaft-Decklift Rear	18	142-8482	1	Linkage, Transport
7	135-5079-03	1	Link-Decklift	19	126-5401	1	Pin-HOC
8	126-4535	1	Bracket ASM	20	3218-1	1	Nut-Jam 1/4-20
8:1	126-4784	1	Decal-HOC	21	126-7019	1	Knob
9	142-8483-03	1	Plate, HOC Lower	22	126-8353	1	Tag-Retention, Magnetic
10	126-8877	4	Deck Chain ASM	23	104-8301	2	Nut-Nyloc 3/8-16 Flg
10:1	1-633447	1	Chain-Lift, Deck	24	135-0313	1	Screw-CARR
10:2	130-0742	2	Bolt-Shoulder	25	3231-42	1	Bolt-Carriage 3/8-16 X 3
10:3	104-8301	2	Nut-Nyloc 3/8-16 Flg	26	142-7110	2	Spacer, HOC
10:4	43-0940	2	Spacer	27	142-7785	2	Screw-Hex
11	126-8365	1	Deck Strut ASM	28	142-7784	2	Nut-HF, NI
12	3231-40	2	Bolt-Carriage 3/8-16 X 2 1/4	29	142-8484	1	Spring, Extension

Deck Strut Assembly No. 140-1179

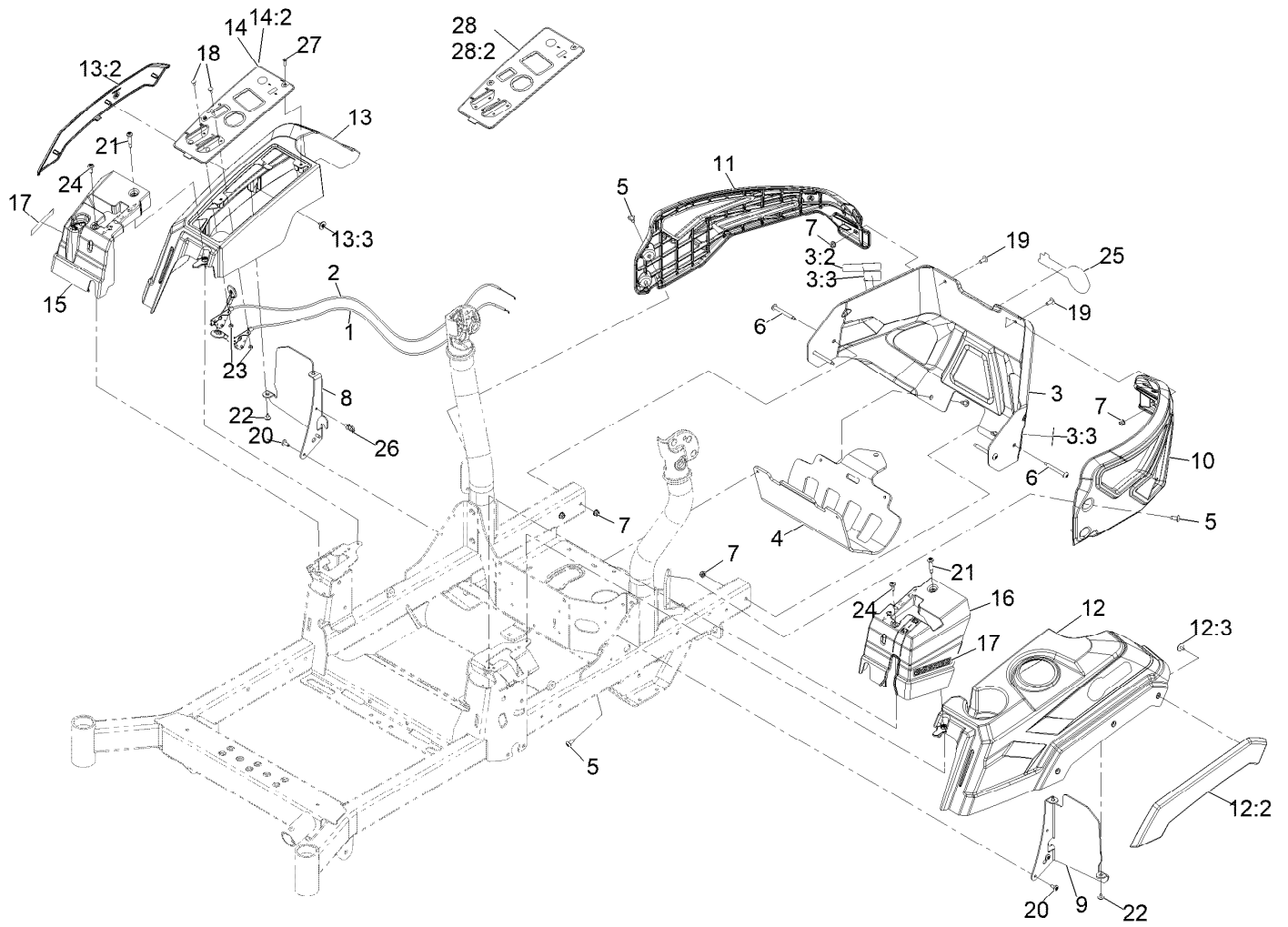


Deck Strut Assembly No. 140-1179 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	126-8360	4	Bushing-Rubber, Suspension
3	108-6544	4	Spacer

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	3231-7	2	Screw-CARR
5	2844	2	Washer
6	104-8301	2	Nut-HF, NI

Control Panel Assembly

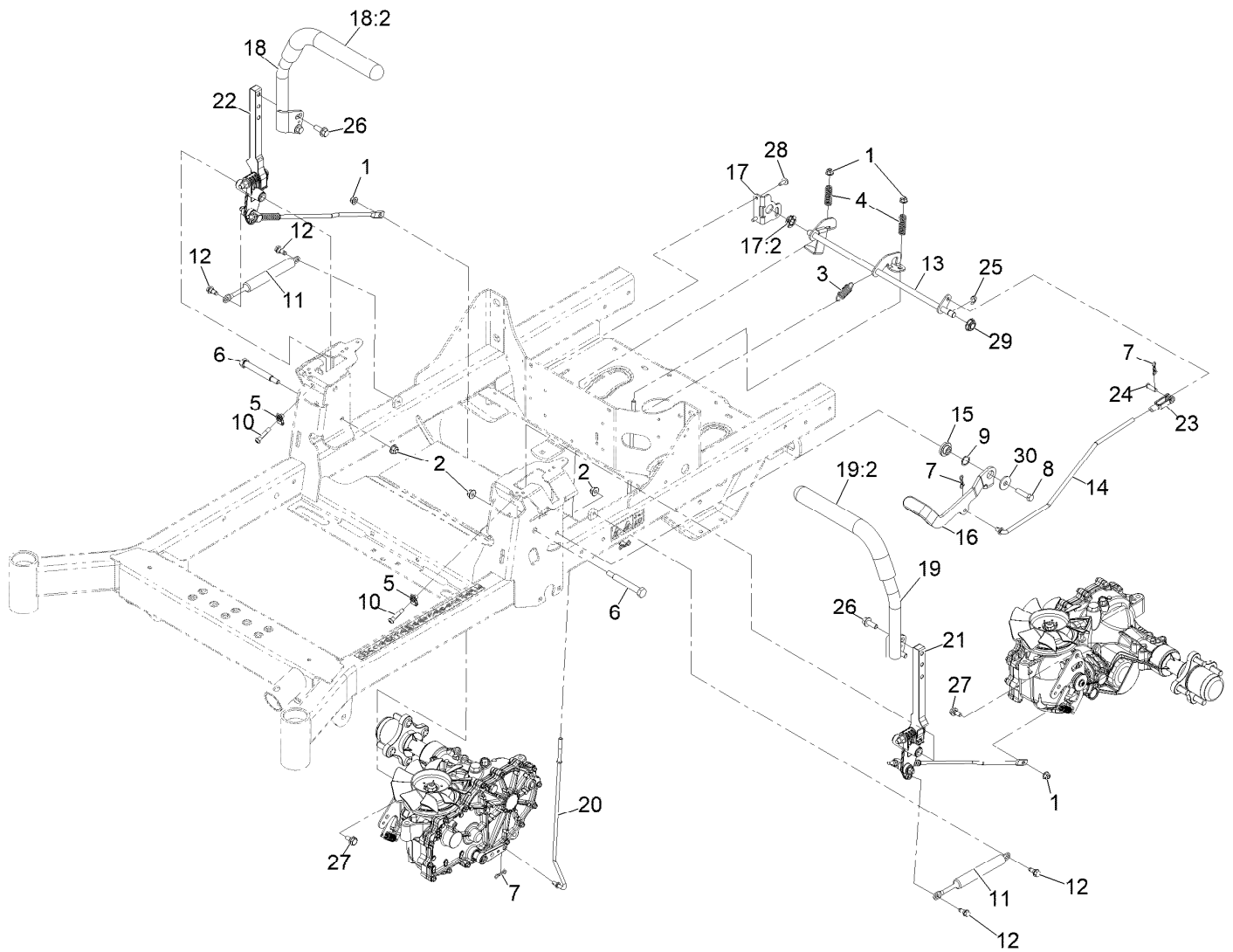


Control Panel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8529	1	Cable-Control, Throttle	14:2	142-8540	1	Decal-Control Panel
2	142-8530	1	Cable-Control, Choke	15	142-8471	1	Cover, Motion Control, Rt
3	142-8345	1	ASM, Rear Guard W/ Decals	16	142-8472	1	Cover, Motion Control, Lt
3:2	133-8062	1	Decal-Arrestor, Spark	17	142-8232	2	Decal-E-Series
3:3	106-5517	2	Decal-Warning	18	135-1929	4	Bolt-CARR
4	142-8271-03	1	Guard, Muffler	19	126-6268	2	Screw-Truss HD 5/16-18 X 3/4 Torx Plus
5	142-8477	8	Screw, Taptite	20	126-6266	4	Screw-1/4-20 X .65 Torx Plus
6	126-6267	4	Screw-Truss HD 5/16-18 X 2 3/4 Torx Plus	21	136-4195	2	Screw-Shoulder 1/4-20 X 1.15
7	104-8300	6	Nut-Nyloc 5/16-18 Flg	22	126-5544	4	Screw-HWH #10-14 X 1/2 Torx
8	142-8346-03	1	Bracket, Pod, Rt	23	3296-2	4	Nut-Nyloc #10-24
9	142-8347-03	1	Bracket, Pod, Lt	24	135-2015	2	Screw-Shoulder
10	142-8329	1	Guard, Upper, Lt	25	126-6877	1	Decal, Exmark Logo
11	142-8328	1	Guard, Upper, Rt	26	32180-030	1	Clip-Tie
12	142-8620	1	ASM, Pod Lt	27	146-0012	2	Screw-Plastic, HWH
12:2	142-8476	1	Fender, Lt	28	146-1840	1	ASM-Control Panel W/Decal ●
12:3	146-0013	3	Screw-Torx	28:2	146-1836	1	Decal-Control Panel ●
13	142-8621	1	ASM, Pod Rt				
13:2	142-8475	1	Fender, Rt				
13:3	146-0013	3	Screw-Torx				
14	142-8474	1	ASM-Control Panel W/Decal				

● Used with 103-5221 Switch-PTO

Motion Control Assembly

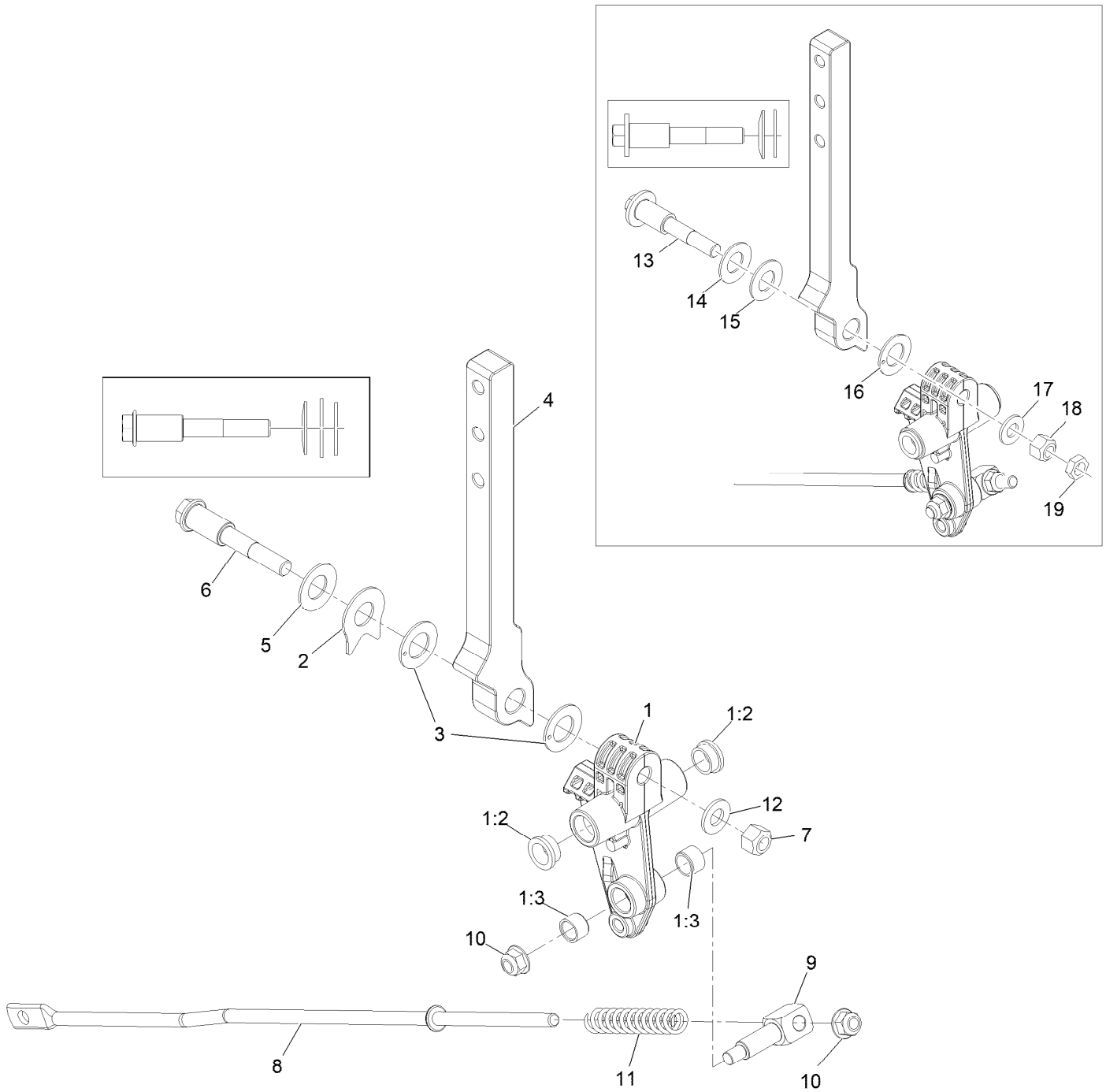


Motion Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-8300	4	Nut-Nyloc 5/16-18 Flg	18	142-7992	1	ASM, Motion Control W/ Grip, Rt
2	104-8301	3	Nut-Nyloc 3/8-16 Flg	18:2	126-7359	1	Grip
3	107-1045	1	Spring-Extension	19	142-7991	1	ASM, Motion Control W/ Grip, Lt
4	109-7694	2	Spring-Compression	19:2	126-7359	1	Grip
5	112-3306	2	Nut	20	126-7217	2	Linkage-Brake, Lower
6	115-5099	2	Bolt-Pivot	21	142-8325	1	ASM, Motion Control Lt
7	119-1415	4	Pin-Cotter, Locking	22	142-8326	1	ASM, Motion Control Rt
8	323-8	1	Screw-HH 3/8-16 X 1 1/2	23	1-303105	1	Yoke-Adjustable
9	119-4164	1	Washer-Wave	24	1-808280	1	Pin-Clevis 5/16 X 1 49/64
10	126-4299	2	Screw-HSBH	25	32120-47	1	Ring-Retaining
11	142-6851	2	Damper	26	110-5052	4	Screw-HHF
12	126-4424	4	Screw-HHF Shoulder 3/8-16 X 3/4 Tf	27	37-8771	2	Screw-Shoulder 5/16-18 X 5/8
13	126-5813	1	Shaft-Brake	28	126-6266	2	Screw-1/4-20 X .65 Torx Plus
14	126-5819	1	Linkage-Brake, Upper	29	126-5820	1	Bearing-Spherical
15	126-5989	1	Pivot-Flange	30	2844	1	Washer
16	126-9490	1	Lever-Brake (With Grip)				
17	126-6456	1	Bracket-Brake				
17:2	126-5820	1	Bearing-Spherical				

LH Motion Control Assembly

For Serial Nos. 413,950,474–414,538,454

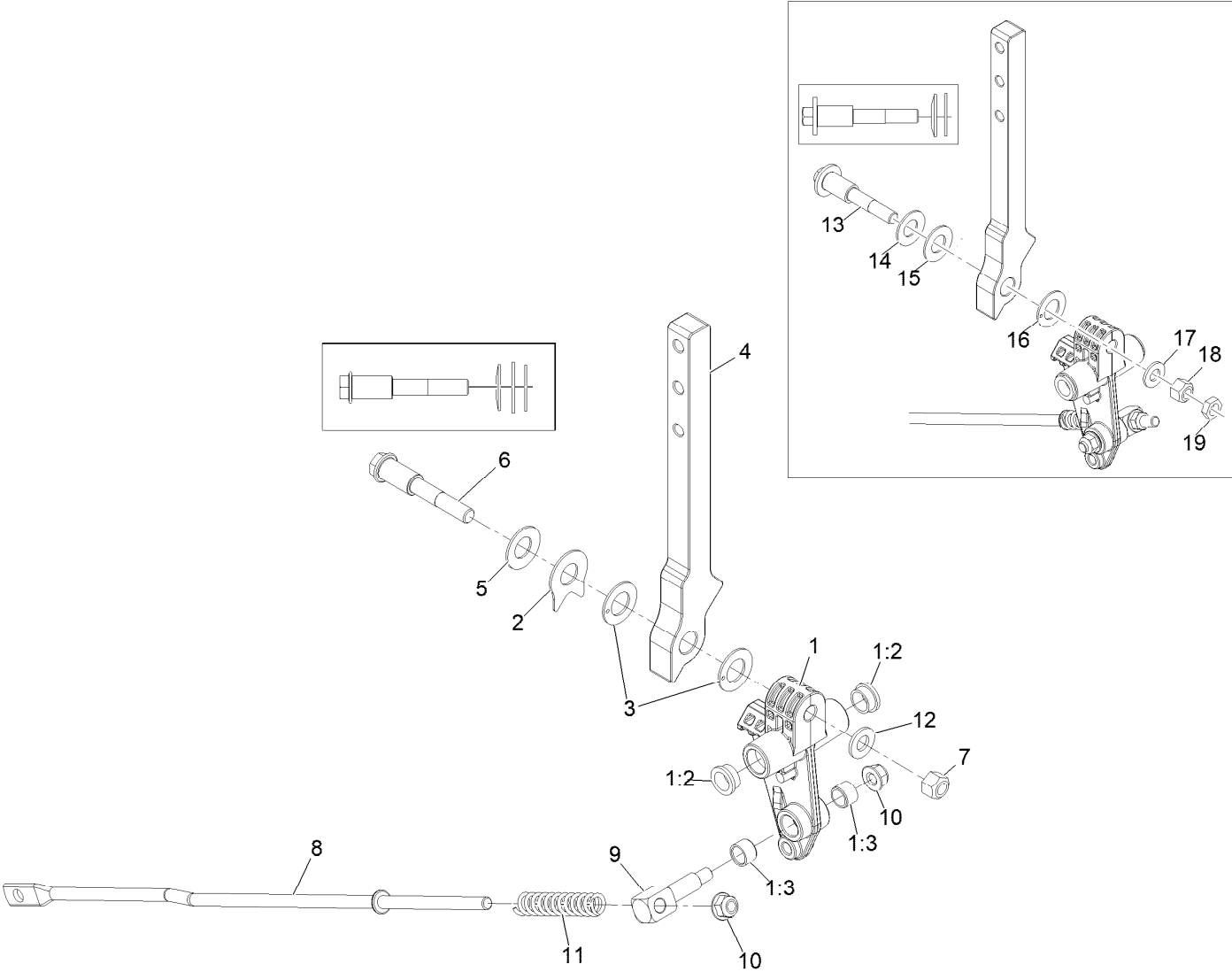


LH Motion Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	126-3773	1	Control Arm ASM	10	104-8300	2	Nut-Nyloc 5/16-18 Flg
1:2	126-8909	2	Bushing	11	126-8195	1	Spring-Return, Neutral
1:3	1-413152	2	Bushing-Sleeve	12	3256-24	1	Washer-3/8 SAE
2	142-8478	1	Spacer, Anti-Rotation	13	117-1198	1	Bolt-Pivot
3	126-7296	2	Washer-Friction	14	119-8925	1	Washer-Belleville
4	142-8339	1	Lever, Motion Control	15	117-1240	1	Washer
5	119-8925	1	Washer-Belleville	16	126-7296	1	Washer-Friction
6	142-5951	1	Bolt-Pivot	17	3256-24	1	Washer-3/8 SAE
7	32152-2	1	Nut-Hex 3/8-16 Lock	18	32152-2	1	Nut-Hex 3/8-16 Lock
8	126-5435	1	Link-Control	19	3218-3	1	Nut-Jam 3/8-16
9	126-5434	1	Swivel				

RH Motion Control Assembly

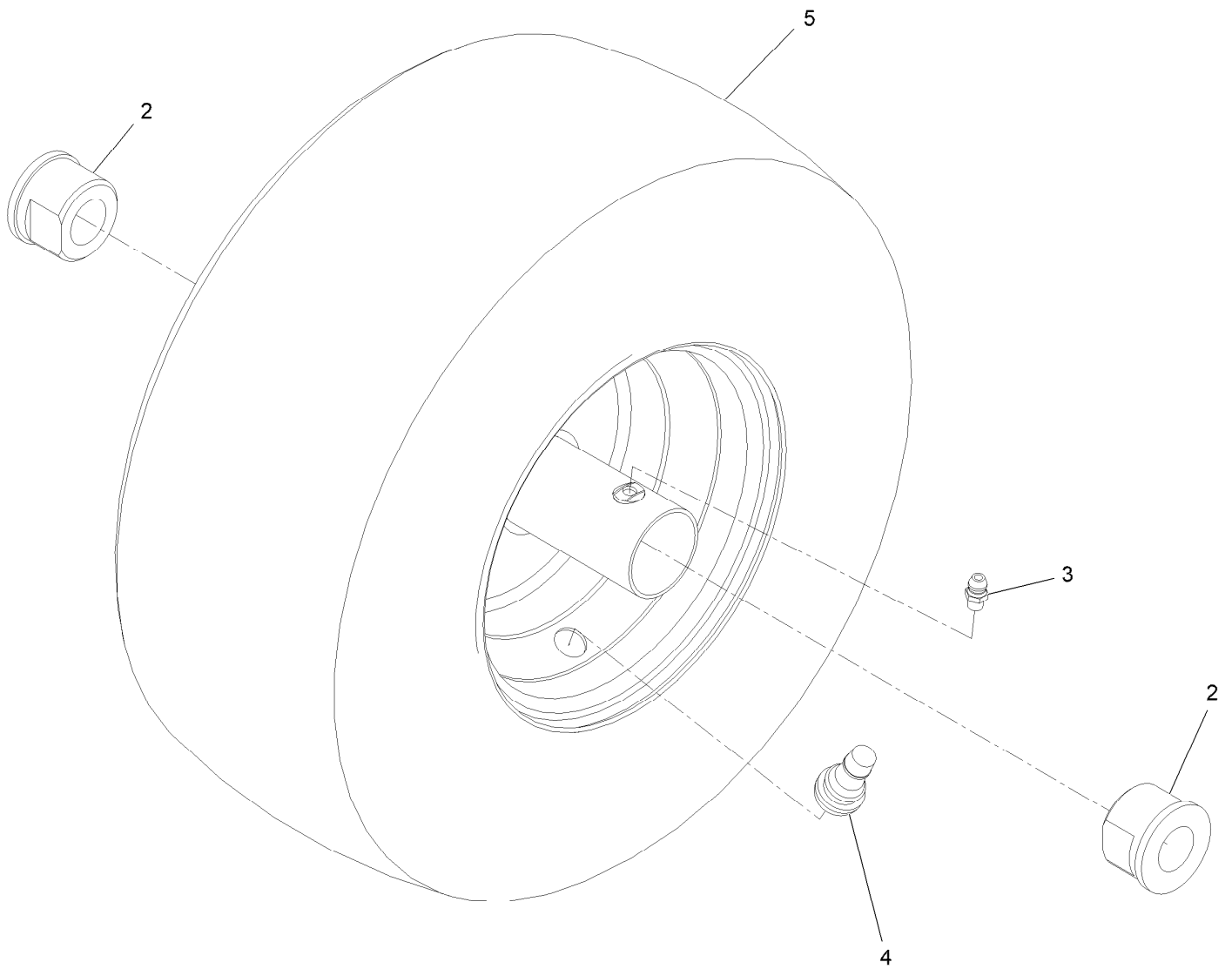
For Serial Nos. 413,950,474–414,538,454



RH Motion Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	126-3773	1	Control Arm ASM	10	104-8300	2	Nut-Nyloc 5/16-18 Flg
1:2	126-8909	2	Bushing	11	126-8195	1	Spring-Return, Neutral
1:3	1-413152	2	Bushing-Sleeve	12	3256-24	1	Washer-3/8 SAE
2	142-8478	1	Spacer, Anti-Rotation	13	117-1198	1	Bolt-Pivot
3	126-7296	2	Washer-Friction	14	119-8925	1	Washer-Belleville
4	142-8339	1	Lever, Motion Control	15	117-1240	1	Washer
5	119-8925	1	Washer-Belleville	16	126-7296	1	Washer-Friction
6	142-5951	1	Bolt-Pivot	17	3256-24	1	Washer-3/8 SAE
7	32152-2	1	Nut-Hex 3/8-16 Lock	18	32152-2	1	Nut-Hex 3/8-16 Lock
8	126-5435	1	Link-Control	19	3218-3	1	Nut-Jam 3/8-16
9	126-5434	1	Swivel				

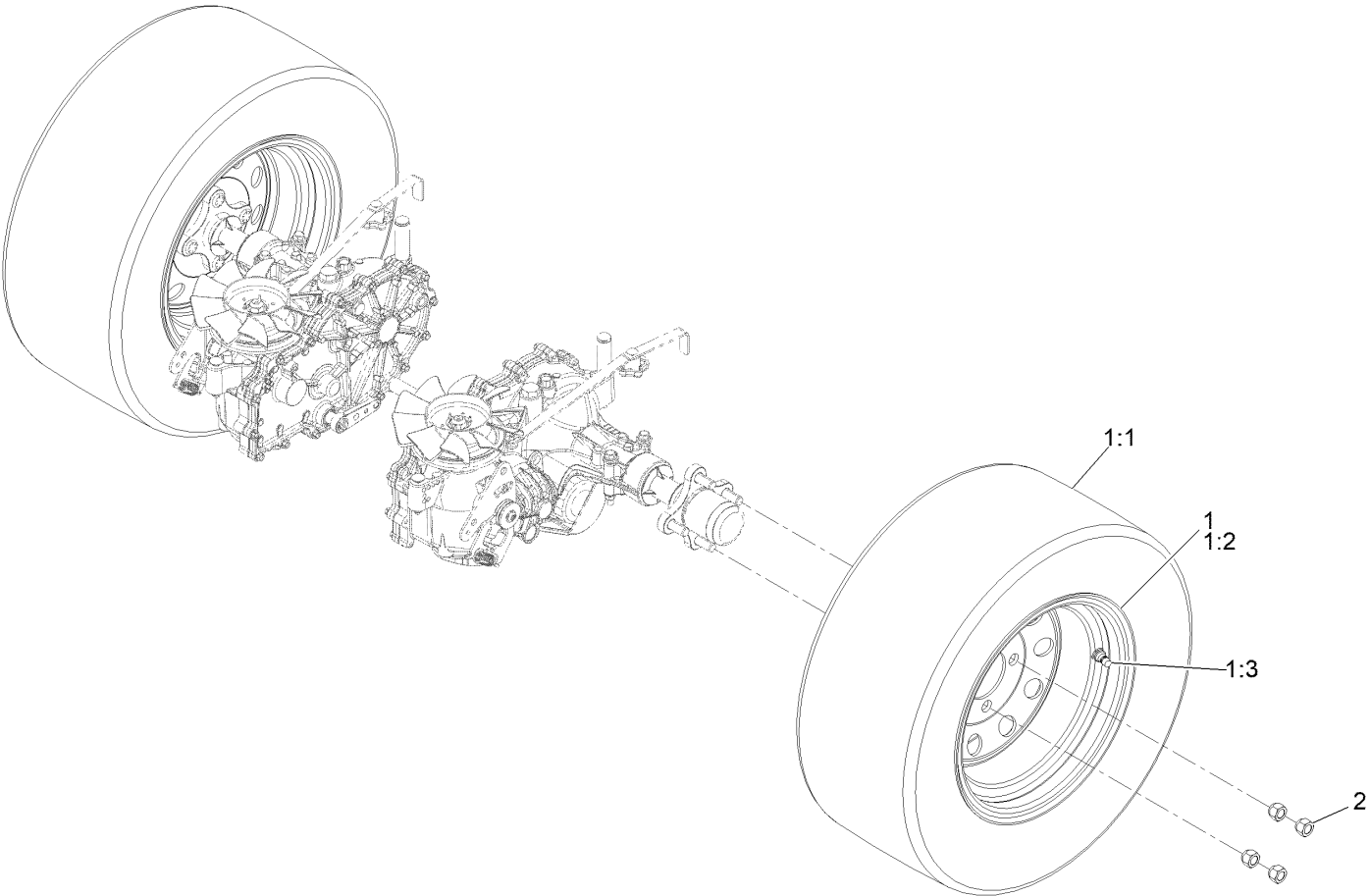
Tire and Wheel Assembly



Tire and Wheel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	114-1640	2	Bushing-Flange	4	5108	1	Valve
3	302-5	1	Zerk 1/4-28 Str Thrd Forming	5	126-5959	1	Tire

Rear Wheel Assembly

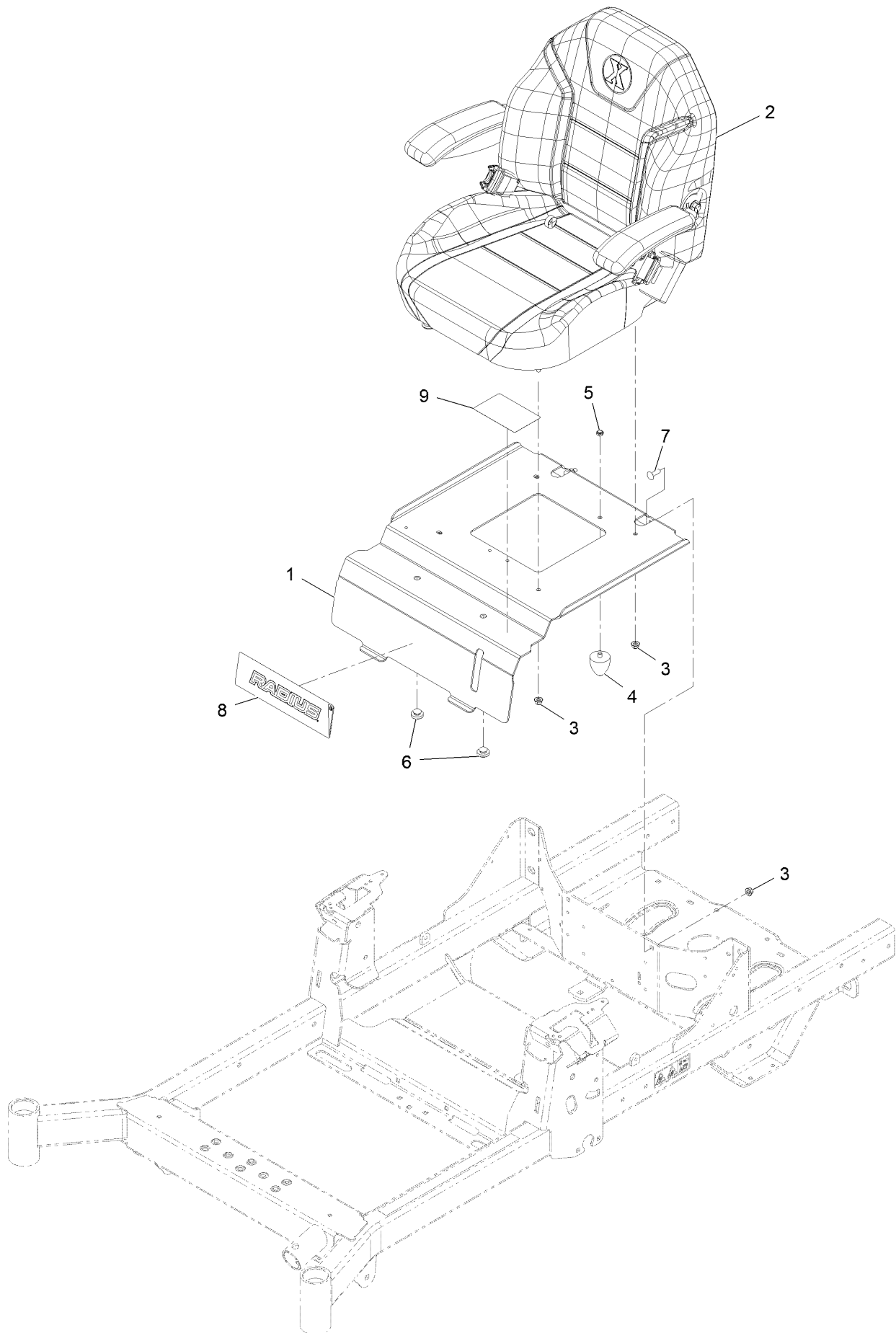


Rear Wheel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8189	2	Wheel And Tire ASM
1:1	142-4282	1	Tire
1:2	142-8188	1	Wheel

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:3	5108	1	Valve
2	242-50	8	Nut-Lug 1/2-20

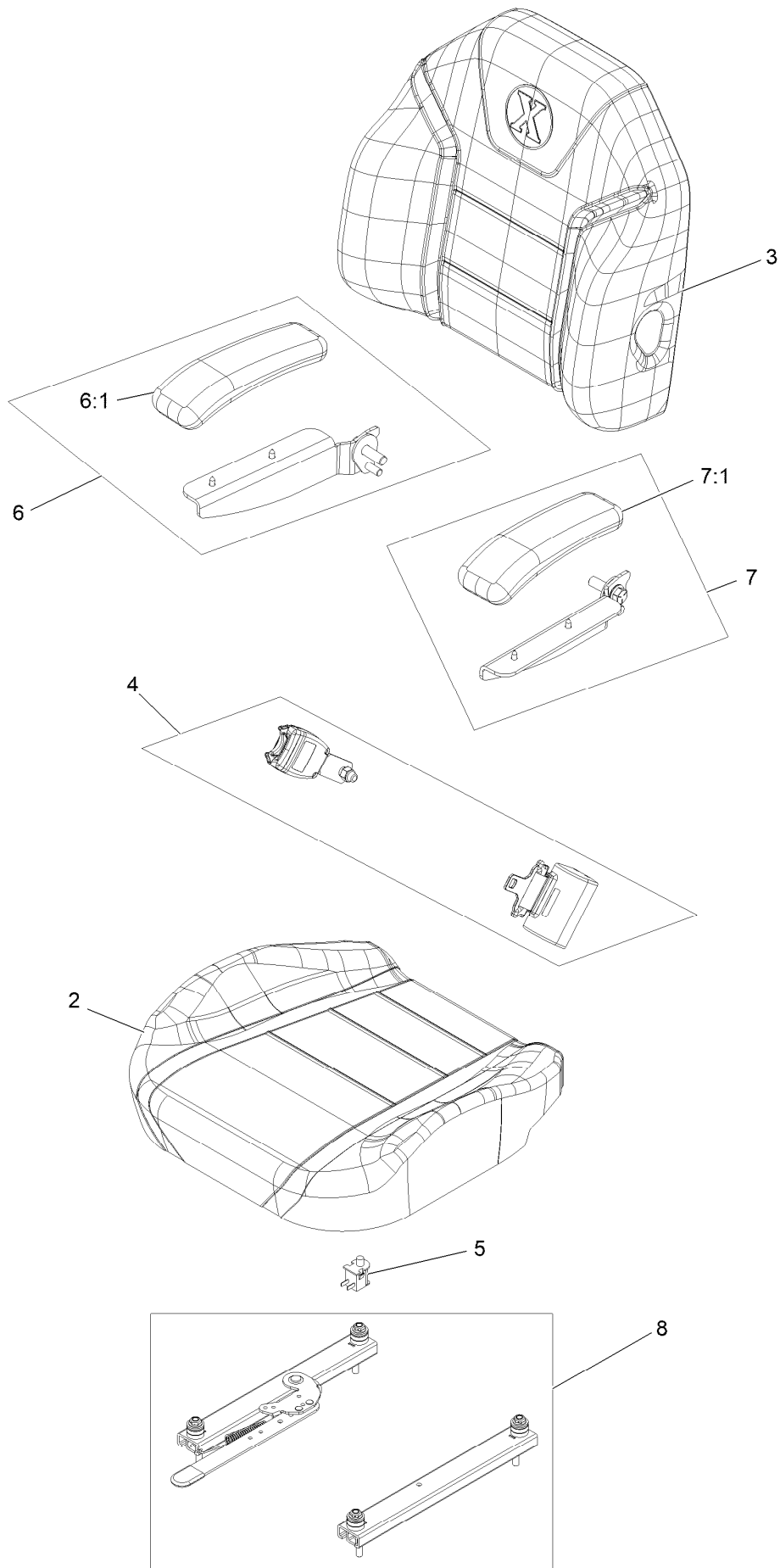
Seat Assembly



Seat Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-9275-03	1	Support, Seat	6	135-0505	2	Bumper-Seat
2	146-0186	1	Seat	7	3230-22	2	Bolt-Carriage 5/16-18 X 1 Sp
3	104-8300	6	Nut-Nyloc 5/16-18 Flg	8	126-9082	1	Decal-Radius Logo
4	135-7047	1	Bumper-Rubber	9	142-8229	1	Decal-Service Aid
5	3296-47	1	Nut-Nyloc 5/16-18 Thin				

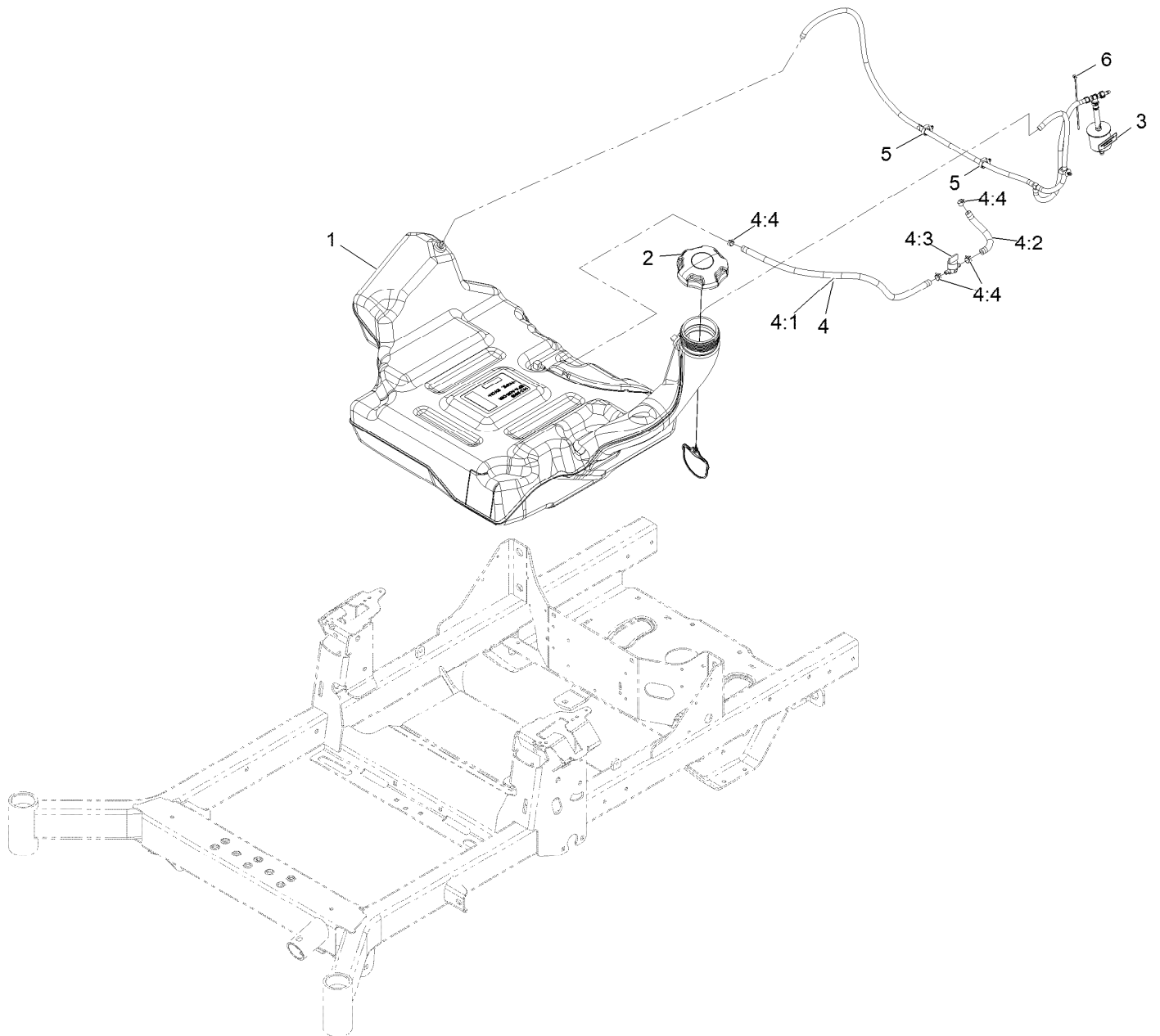
Seat Assembly (cont)



Seat Assembly (cont) (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	146-0399	1	Cover, Lower	6:1	110-4163	1	Cushion-Rest, Arm
3	146-0400	1	Cover, Upper	7	121-3660	1	LH Arm Rest Kit
4	126-7355	1	Kit-Seat Belt	7:1	110-4163	1	Cushion-Rest, Arm
5	82-2190	1	Switch	8	142-8312	1	ASM-Track
6	121-3658	1	RH Arm Rest Kit				

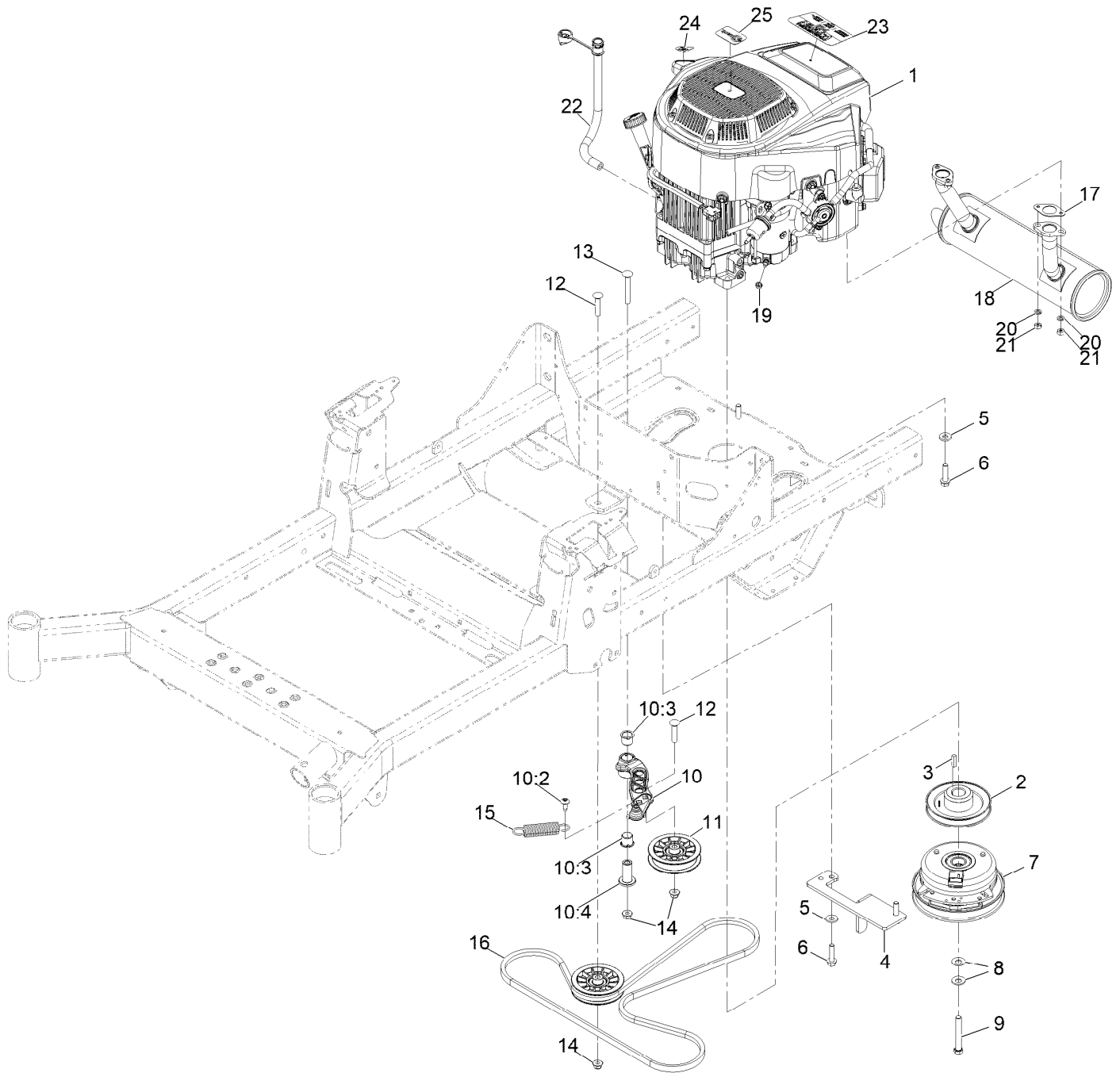
Fuel Assembly



Fuel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-8619	1	ASM-Fuel Tank	4:2	109-0678	1	Hose-Fuel
2	135-4801	1	Cap-Fuel, Ratcheting	4:3	1-603770	1	Valve-Fuel
3	142-9945	1	Vent Hose ASM	4:4	2412-98	4	Clamp-Hose
4	126-8740	1	Fuel Hose ASM	5	126-5523	3	Clip
4:1	110-5701	1	Hose-Fuel	6	1-303287	1	Tie-Cable 5 1/2 (Small)

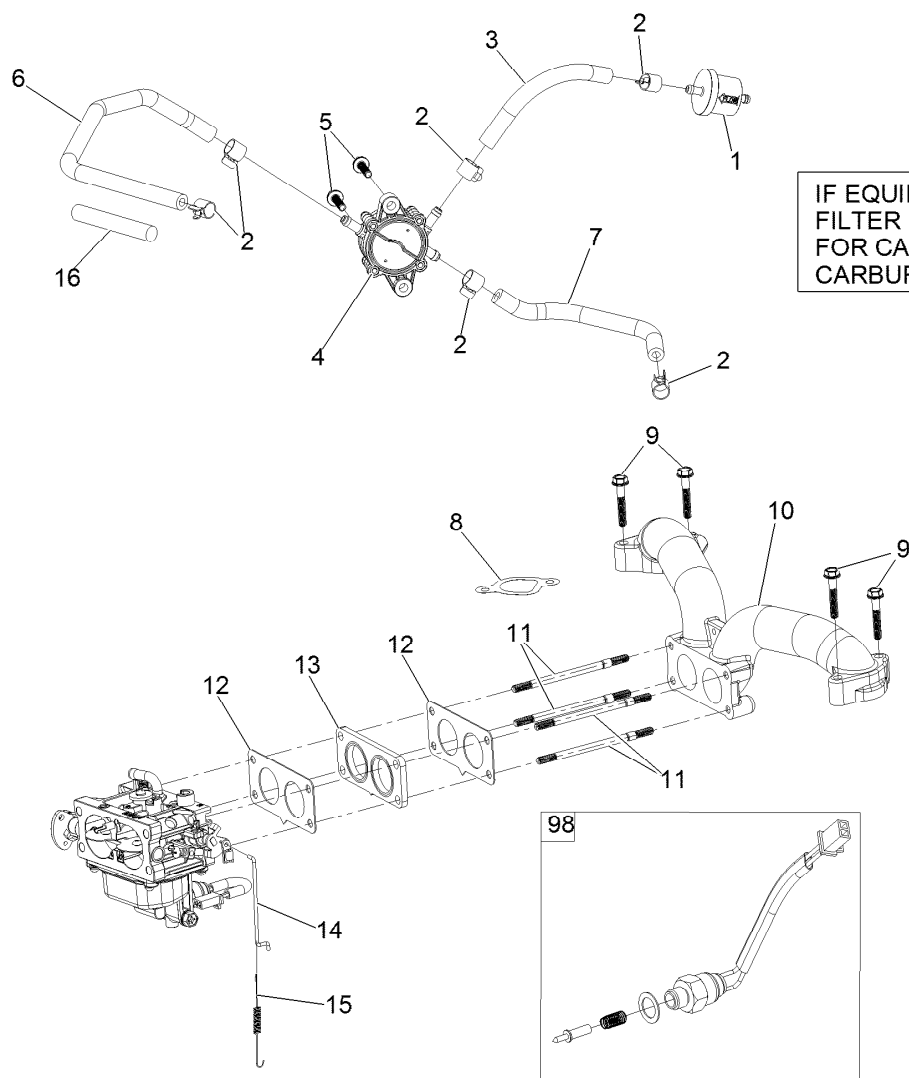
Engine Assembly



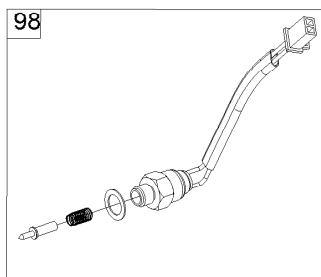
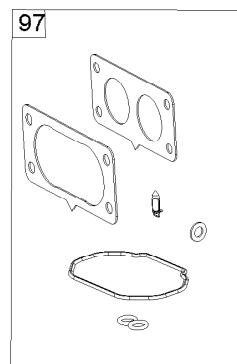
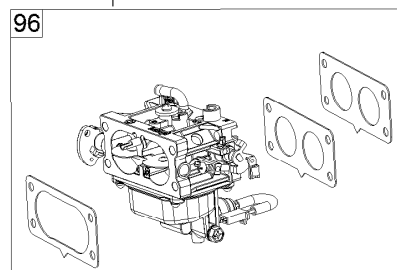
Engine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-7818	1	Engine-2P77F	12	3231-29	2	Bolt-Carriage 3/8-16 X 1 3/4
2	142-8828	1	Sheave, Engine	13	3231-9	1	Bolt-Carriage 3/8-16 X 2 3/4
3	1-807259	1	Key-Machine 1/4 X 1/4 X 1	14	104-8301	3	Nut-Nyloc 3/8-16 Flg
4	146-0187-03	1	Anchor-Clutch	15	1-603402	1	Spring-Extension
5	98-5975	4	Washer-Spring Disc 3/8	16	126-5993	1	Belt-V
6	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite	17	120-4317	2	Gasket-Exhaust
7	126-8925	1	Clutch - 1.00 HD	18	142-9769	1	Muffler, Loncin
8	1-603610	2	Washer-Spring Disc 7/16	19	33003-00	1	Nut-Hex M6-1 Flg
9	126-7198	1	Screw-HH 7/16-20 X 3 W/Loctite	20	127-9279	4	Washer-Lock, Split
10	142-6547	1	ASM, Pump Idler	21	121-0199	4	Nut-Hex M8
10:2	142-8477	1	Screw, Taptite	22	144-0976	1	Oil Drain Service Kit
10:3	142-5935	2	Bushing, Igus	23	142-2629	1	Decal-Engine 708 V-Twin Exmark
10:4	142-6529	1	Spacer, Idler Pivot	24	131-1097	1	Decal-Drain, Oil
11	116-2456	2	Pulley-Flat Idler	25	131-1078	1	Decal

Fuel System Assembly



IF EQUIPPED WITH CANISTER TYPE AIR
FILTER REFER TO KIT MODEL 136-7860
FOR CARBURETOR ASSEMBLY AND INTERNAL
CARBURETOR PARTS

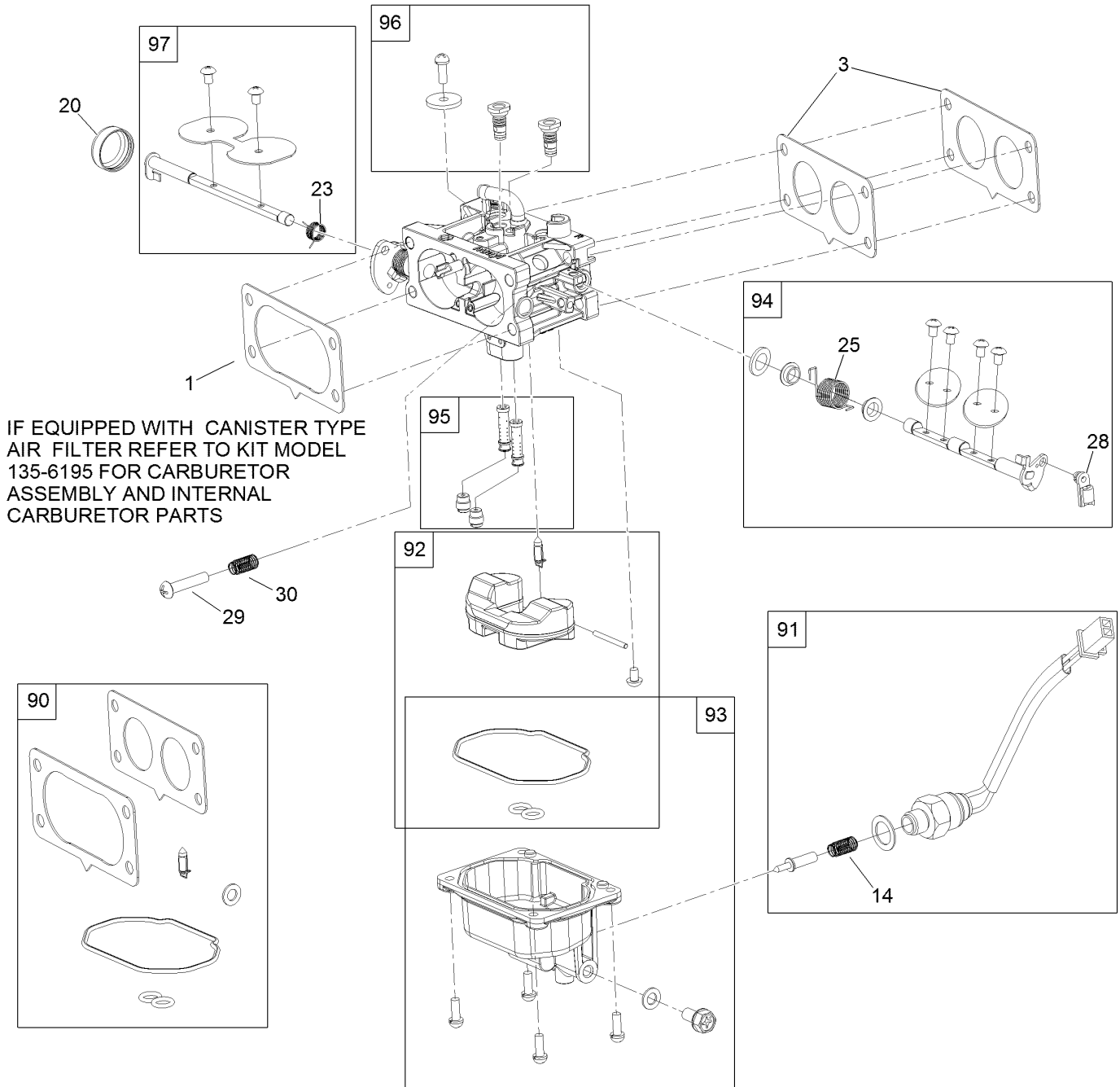


Fuel System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-0717	1	Filter-Fuel	11	127-9245	4	Stud
2	139-0719	6	Clamp-Fuel Hose	12	127-9246	2	Gasket-Carburetor
3	120-4371	1	Line-Fuel	13	127-9247	1	Insulator-Carburetor
4	139-0684	1	Pump-Fuel	14	133-9963	1	Linkage-Throttle
5	120-4225	2	Screw-HHF	15	133-9964	1	Spring-Return, Throttle
6	127-9205	1	Hose-Fuel	16	127-9355	1	Sleeve-Fuel Line Protector
7	127-9207	1	Hose-Fuel	96	136-7840	1	Carburetor Replacement Kit
8	127-9230	2	Gasket-Intake	97	127-9290	1	Carburetor Repair Kit
9	120-4284	4	Screw-HHF	98	127-9292	1	Solenoid Kit
10	127-9244	1	Manifold-Intake	99	136-7837	1	High Altitude Kit ●

● Not illustrated

Carburetor Assembly

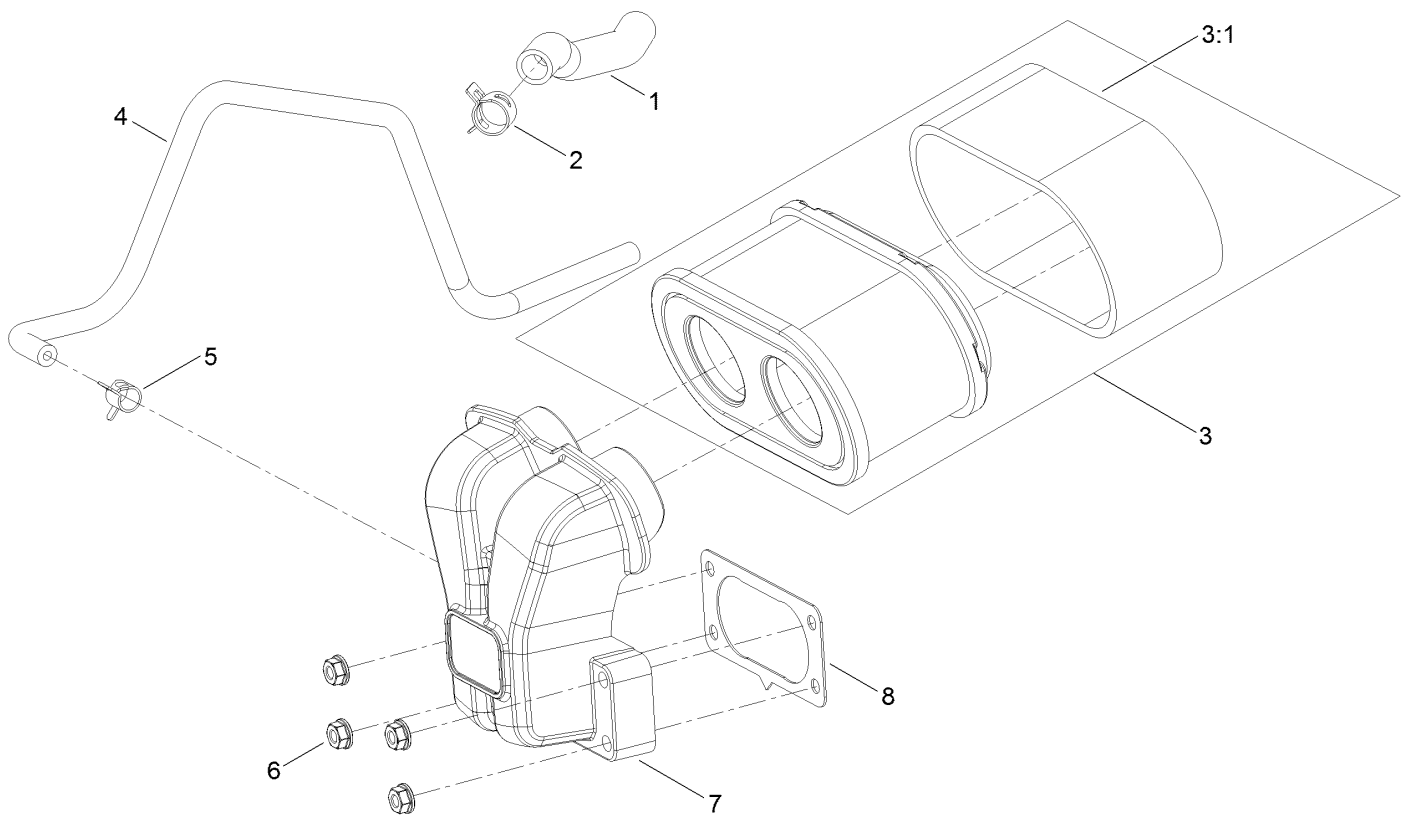


Carburetor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9251	1	Gasket-Carburetor	90	127-9290	1	Carburetor Repair Kit
3	127-9246	2	Gasket-Carburetor	91	127-9292	1	Solenoid Kit
14	127-9319	1	Spring	92	127-9340	1	Float Kit
20	127-9325	1	Cover-Shaft, Choke	93	127-9341	1	Bowl Kit
23	127-9328	1	Spring	94	133-9817	1	Throttle Shaft Kit
25	127-9330	1	Spring	95	136-7844	1	Nozzle And Jet Kit
28	127-9333	1	Clamp-Lock	96	136-7899	1	Idle Jet Kit
29	127-9334	1	Screw-PPH	97	127-9345	1	Choke Shaft Kit
30	127-9335	1	Spring				

Air Intake and Filtration Assembly

IF EQUIPPED WITH CANISTER TYPE AIR FILTER
REFER TO KIT MODEL 135-6195 TO LOOK UP PARTS

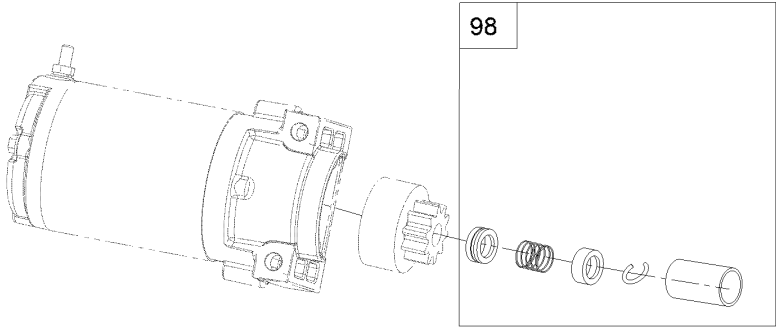
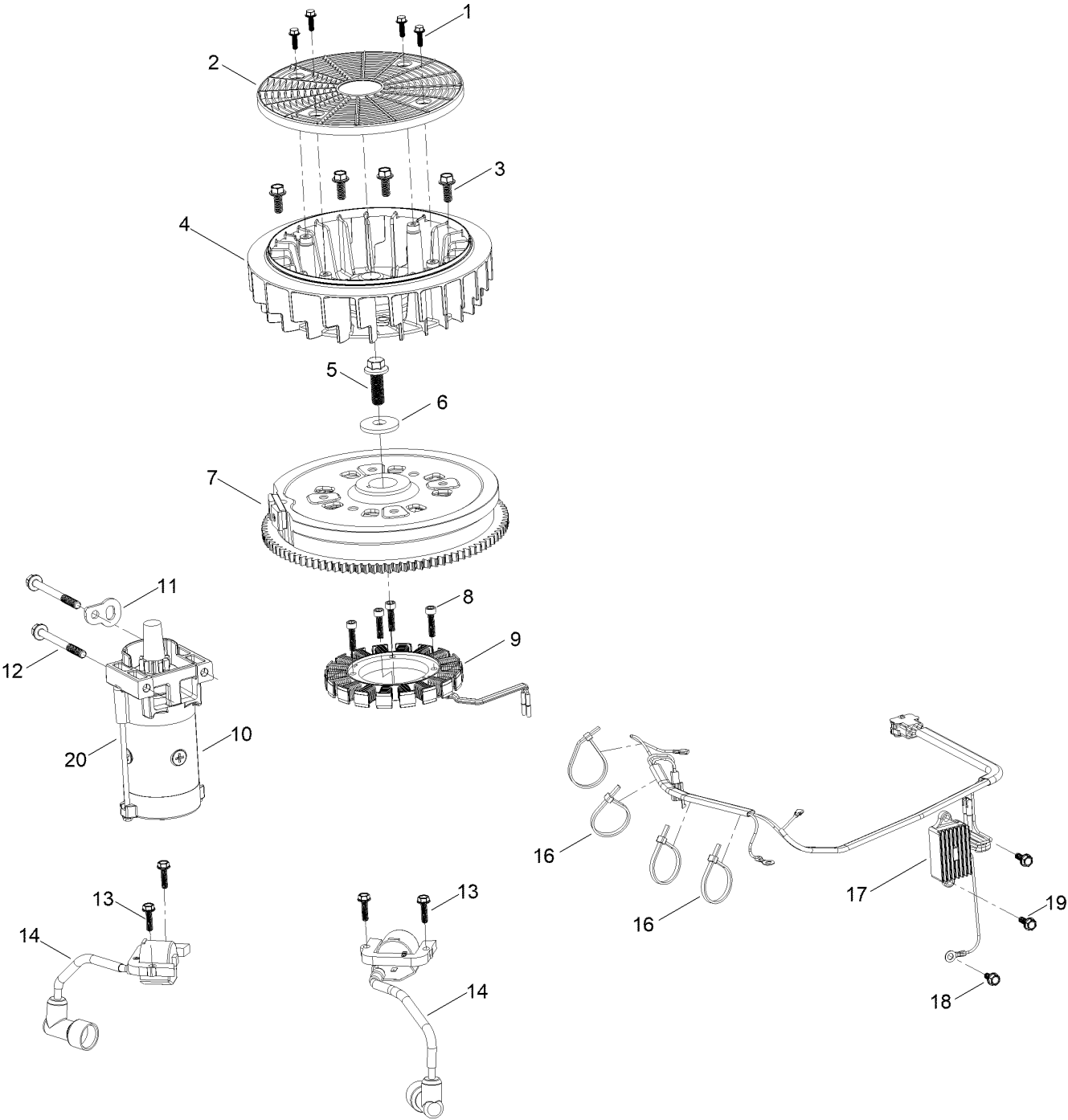


Air Intake and Filtration Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9235	1	Tube-Breather
2	127-9234	2	Clamp-Hose
3	136-7806	1	Air Filter Kit
3:1	136-7804	1	Prefilter
4	127-9253	1	Hose-Fuel

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	127-9187	1	Clamp-Hose
6	120-4236	4	Nut-Flange
7	127-9047	1	Manifold-Filter, Air
8	127-9251	1	Gasket-Carburetor

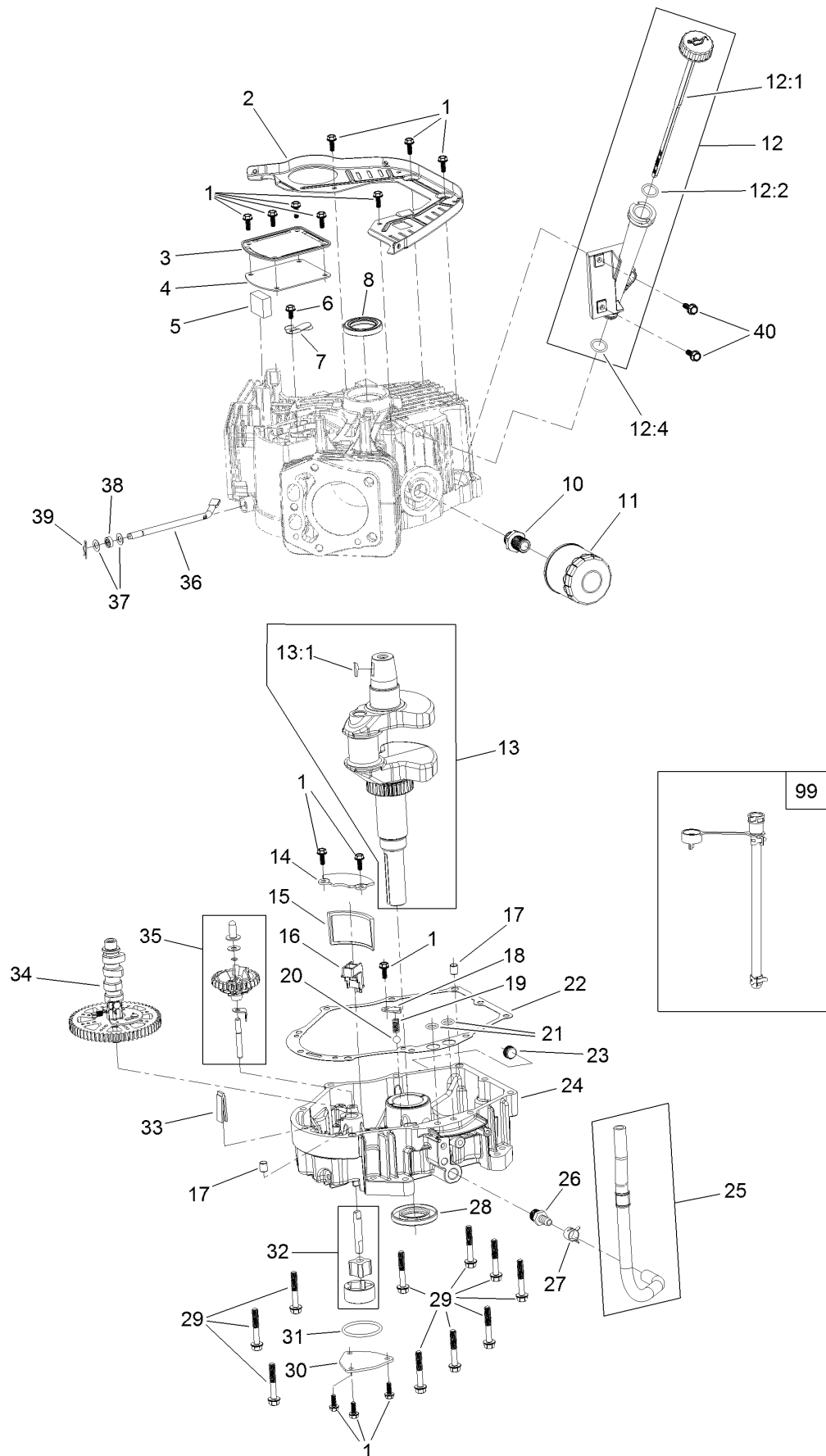
Ignition and Cooling Fan Assembly



Ignition and Cooling Fan Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9197	4	Screw-HWH	12	120-4231	2	Screw-HHF
2	127-9198	1	Screen-Rotating	13	121-0007	4	Bolt-Flange
3	127-9199	4	Screw-HWH	14	139-0720	2	Ignition Coil ASM
4	127-9200	1	Fan-Cooling	16	127-9220	4	Tie-Zip
5	127-9201	1	Screw-HWH	17	136-7879	1	Regulator-Voltage, W/Harness
6	127-9202	1	Washer-Spring	18	120-4216	1	Screw-HHF
7	127-9306	1	Flywheel	19	120-4232	2	Screw-HHF
8	127-9210	4	Screw-HSH	20	133-1562	1	Pinion-Starter
9	136-7876	1	Alternator	98	133-1566	1	Starter Repair Kit
10	136-7880	1	Motor-Starter				
11	127-9208	1	Bracket-Lift				

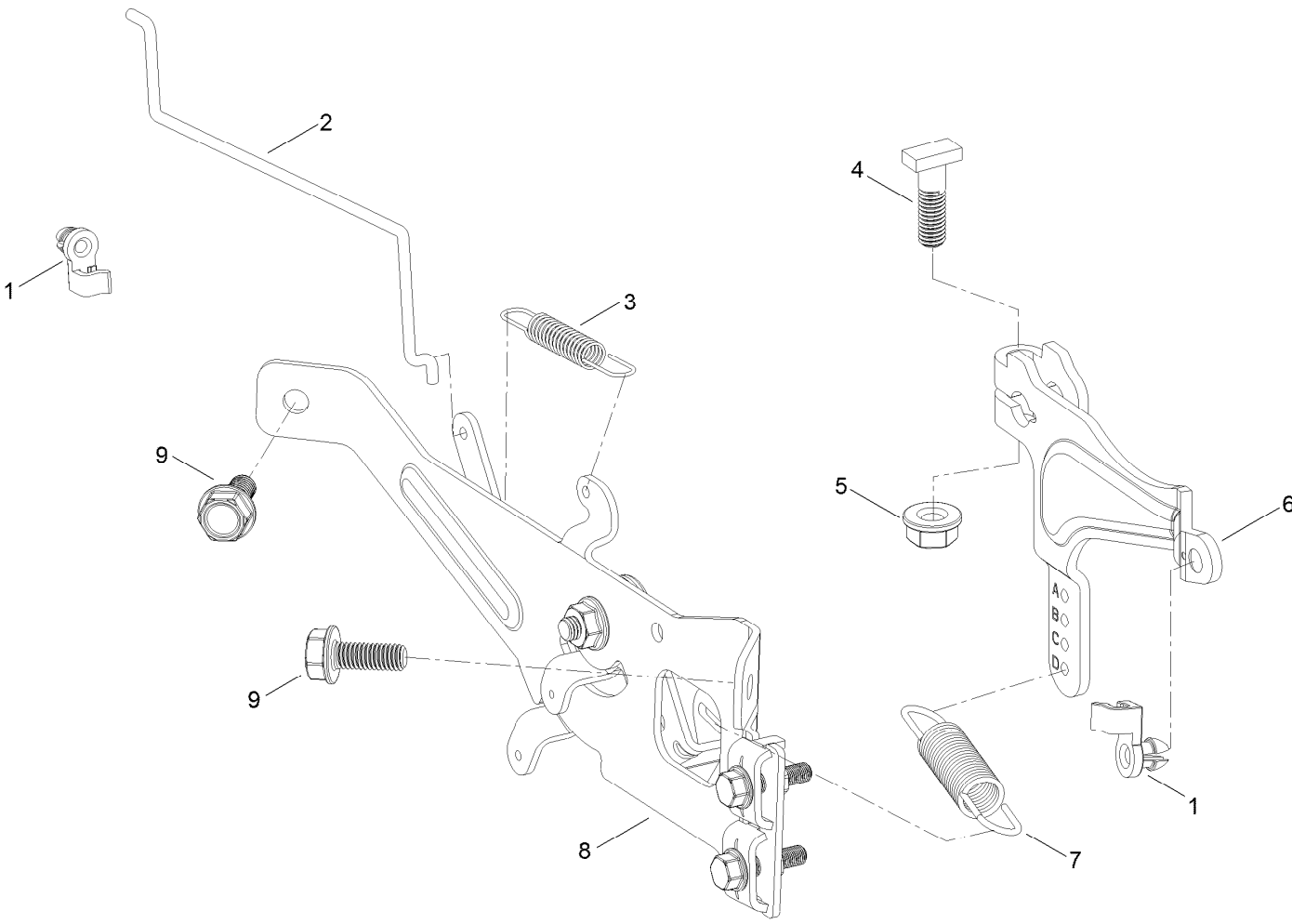
Crankcase and Crankshaft Assembly



Crankcase and Crankshaft Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-4232	14	Screw-HHF	20	127-9266	1	Valve-Ball
2	127-9212	1	Baffle	21	120-4262	2	O-Ring
3	127-9213	1	Cover-Breather	22	127-9267	1	Gasket-Cover, Crankcase
4	127-9214	1	Gasket-Breather	23	133-9805	1	Plug-Drain
5	127-9215	1	Filter-Breather	24	133-9806	1	Cover-Crankcase
6	120-4216	1	Screw-HHF	25	127-9293	1	Oil Drain Hose ASM
7	127-9217	1	Valve-Breather	26	127-9275	1	Fitting-Hose
8	120-4267	1	Seal-Oil	27	127-9276	1	Clamp-Hose
10	136-7884	1	Adaptor-Filter, Oil	28	127-9271	1	Seal
11	136-7848	1	Filter-Oil	29	121-0473	10	Screw-HHF
12	127-9218	1	Oil Tube ASM	30	127-9274	1	Cover-Oil Pump
12:1	127-9283	1	Dipstick	31	127-9273	1	O-Ring
12:2	127-9284	1	O-Ring	32	127-9272	1	Oil Pump ASM
12:4	127-9286	1	O-Ring	33	120-4275	1	Deflector-Oil, Rubber
13	127-9255	1	Crankshaft	34	133-1568	1	Camshaft
13:1	120-4320	1	Key-Woodruff	35	136-7882	1	Governor ASM
14	127-9261	1	Cover-Screen, Oil	36	127-9238	1	Shaft-Governor
15	127-9262	1	Screen-Oil	37	120-4258	2	Washer-Plain
16	127-9263	1	Retainer-Screen	38	120-4257	1	Seal-Oil
17	120-4274	2	Pin-Dowel	39	120-4256	1	Pin-Hair
18	127-9264	1	Plate-Retainer	40	120-4232	2	Screw-HHF
19	127-9265	1	Spring	99	144-0976	1	Oil Drain Service Kit

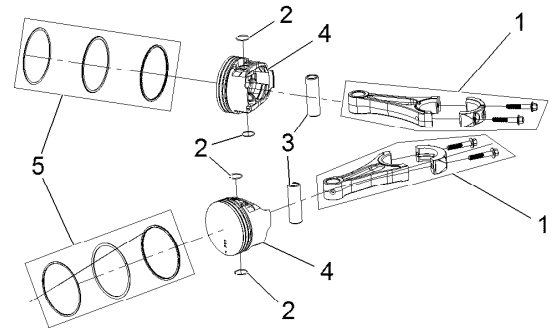
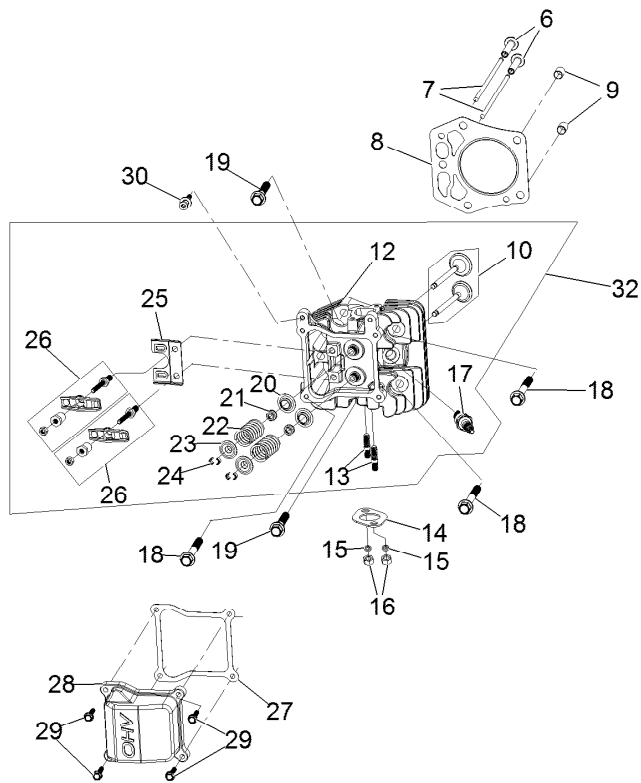
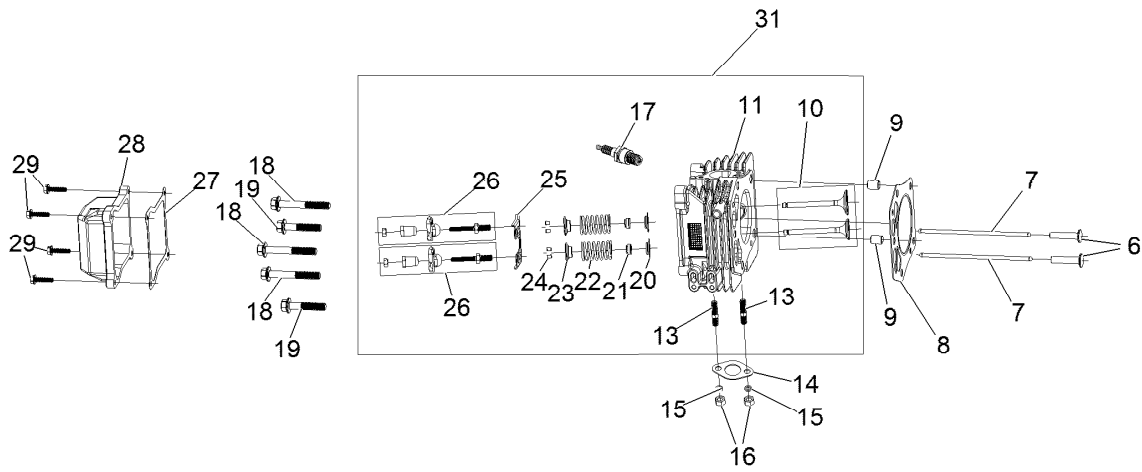
Governor Control Assembly



Governor Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9250	2	Clip-Linkage	6	133-9961	1	Arm-Governor
2	127-9242	1	Linkage-Choke	7	133-9962	1	Spring-Governor
3	127-9241	1	Spring-Governor	8	133-1570	1	Control Plate ASM
4	120-4238	1	Bolt-Arm, Governor	9	120-4232	2	Screw-HHF
5	120-4236	1	Nut-Flange				

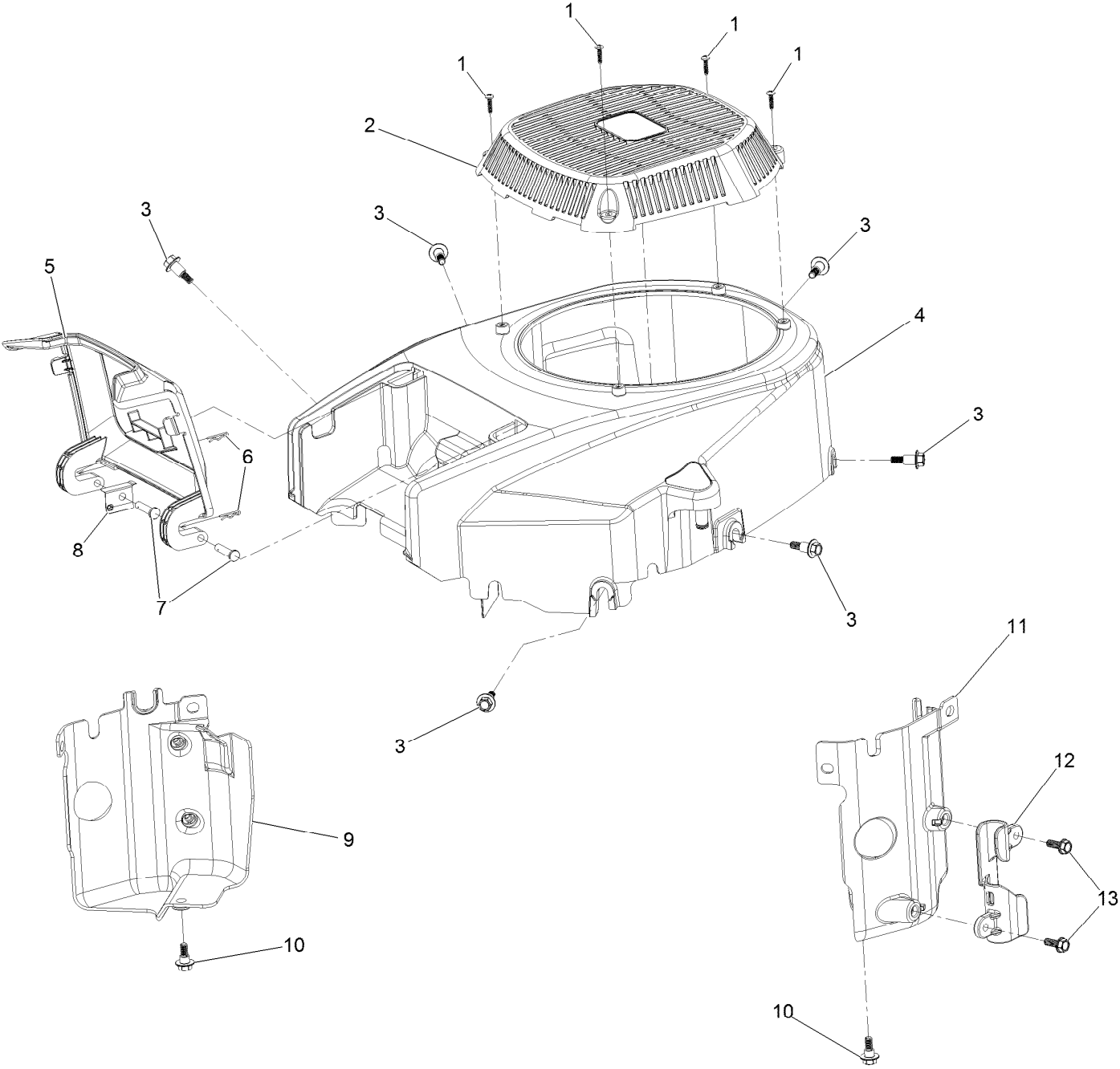
Piston and Cylinder Head Assembly



Piston and Cylinder Head Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9256	2	Connecting Rod ASM	17	81-3250	2	Spark Plug
2	127-9258	4	Clip-Pin, Piston	18	127-9231	6	Screw-HWH
3	127-9257	2	Pin-Piston	19	127-9232	4	Screw-HWH
4	127-9259	2	Piston	20	120-4303	4	Seat-Spring, Valve
5	127-9260	2	Piston Ring Set	21	120-4304	4	Seal-Stem, Valve
6	127-9224	4	Lifter-Valve	22	120-4305	4	Spring-Valve
7	127-9225	4	Rod-Push	23	120-4306	4	Retainer-Spring, Valve
8	127-9226	2	Gasket-Head, Cylinder	24	120-4307	8	Keeper-Valve
9	127-9227	4	Pin-Dowel	25	127-9233	2	Plate-Guide, Push Rod
10	127-9228	2	Valve Set	26	136-7881	4	Rocker Arm ASM
11	133-9804	1	Head-Cylinder, Left	27	127-9295	2	Gasket-Valve Cover
12	133-9802	1	Head-Cylinder, Right	28	127-9050	2	Cover-Valve
13	121-0464	4	Stud-Exhaust	29	120-4225	8	Screw-HHF
14	120-4317	2	Gasket-Exhaust	30	120-4214	1	Screw-Shoulder, HH
15	127-9279	4	Washer-Lock, Split	31	136-7892	1	Complete Left Head ASM
16	121-0199	4	Nut-HH	32	136-7891	1	Complete Right Head ASM

Blower Housing Assembly



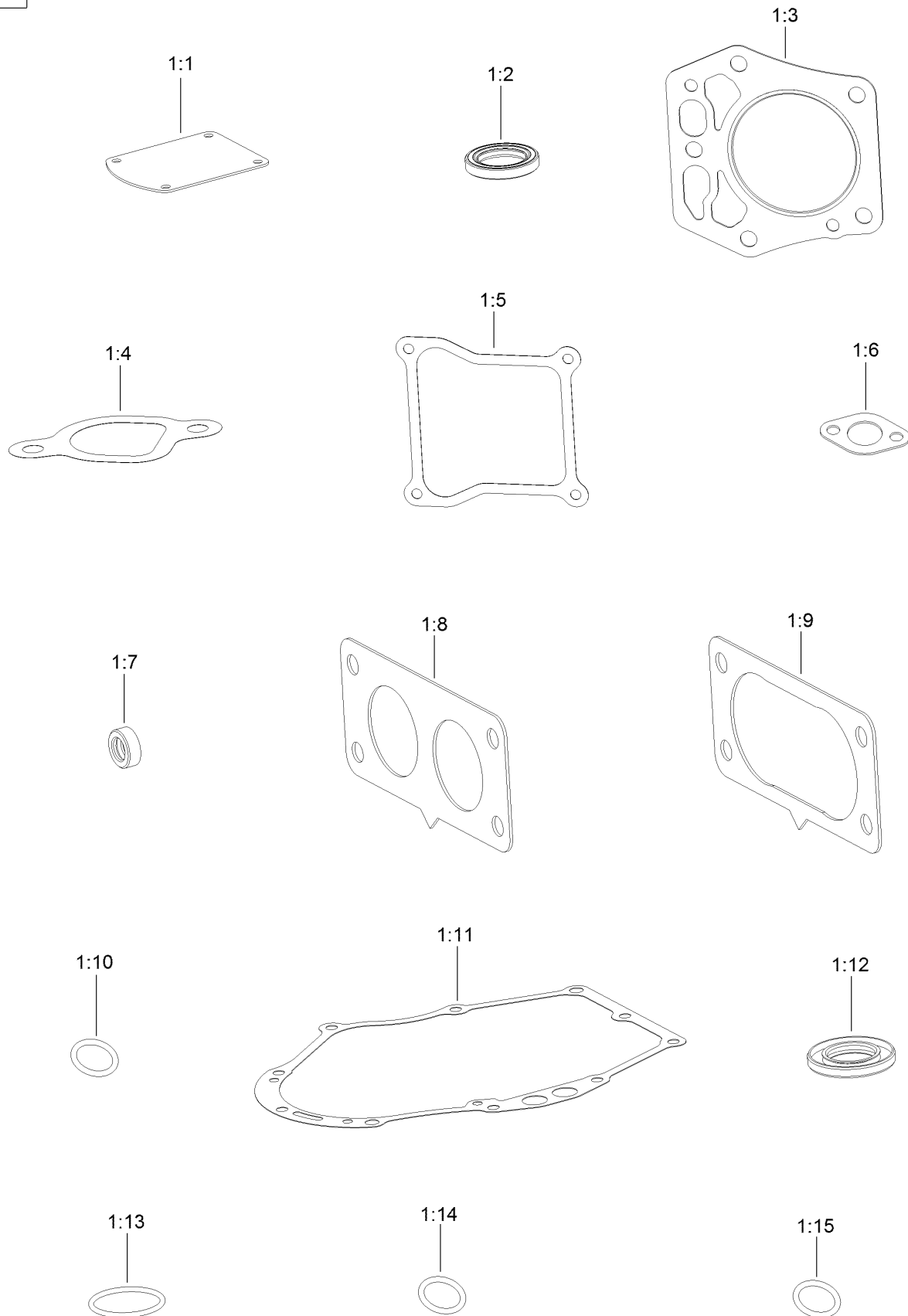
Blower Housing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	133-1571	4	Screw-PPH, Plastic
2	127-9045	1	Cover-Fan
3	127-9196	6	Screw-Shoulder, HWH
4	133-1572	1	Shroud-Engine
5	127-9046	1	Door-Filter, Air
6	127-9280	2	Pin-Hair
7	127-9282	2	Pin

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	127-9281	1	Plate-Spring
9	136-7877	1	Baffle-Air, Left
10	120-4210	2	Screw-Shoulder, HHF
11	136-7878	1	Baffle-Air, Right
12	127-9287	1	Cleat-Hose
13	120-4232	2	Screw-HHF

Gasket and Seal Kit

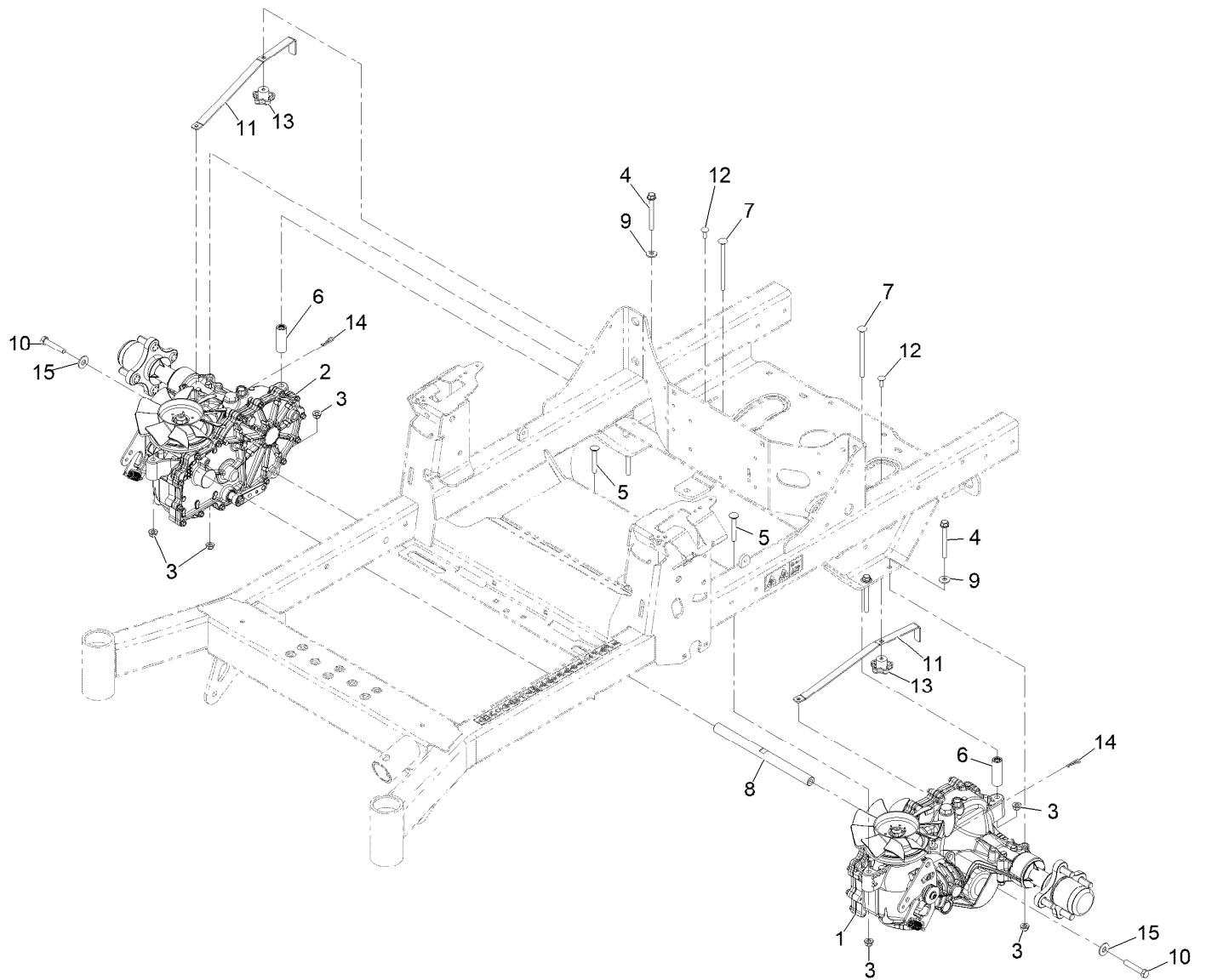
1



Gasket and Seal Kit (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9296	1	Gasket And Seal Kit	1:8	127-9246	2	Gasket-Carburetor
1:1	127-9214	1	Gasket-Breather	1:9	127-9251	1	Gasket-Carburetor
1:2	120-4267	1	Seal-Oil	1:10	120-4262	2	O-Ring
1:3	127-9226	2	Gasket-Head, Cylinder	1:11	127-9267	1	Gasket-Cover, Crankcase
1:4	127-9230	2	Gasket-Intake	1:12	127-9271	1	Seal
1:5	127-9295	2	Gasket-Valve Cover	1:13	127-9273	1	O-Ring
1:6	120-4317	2	Gasket-Exhaust	1:14	127-9284	1	O-Ring
1:7	120-4257	1	Seal-Oil	1:15	127-9286	1	O-Ring

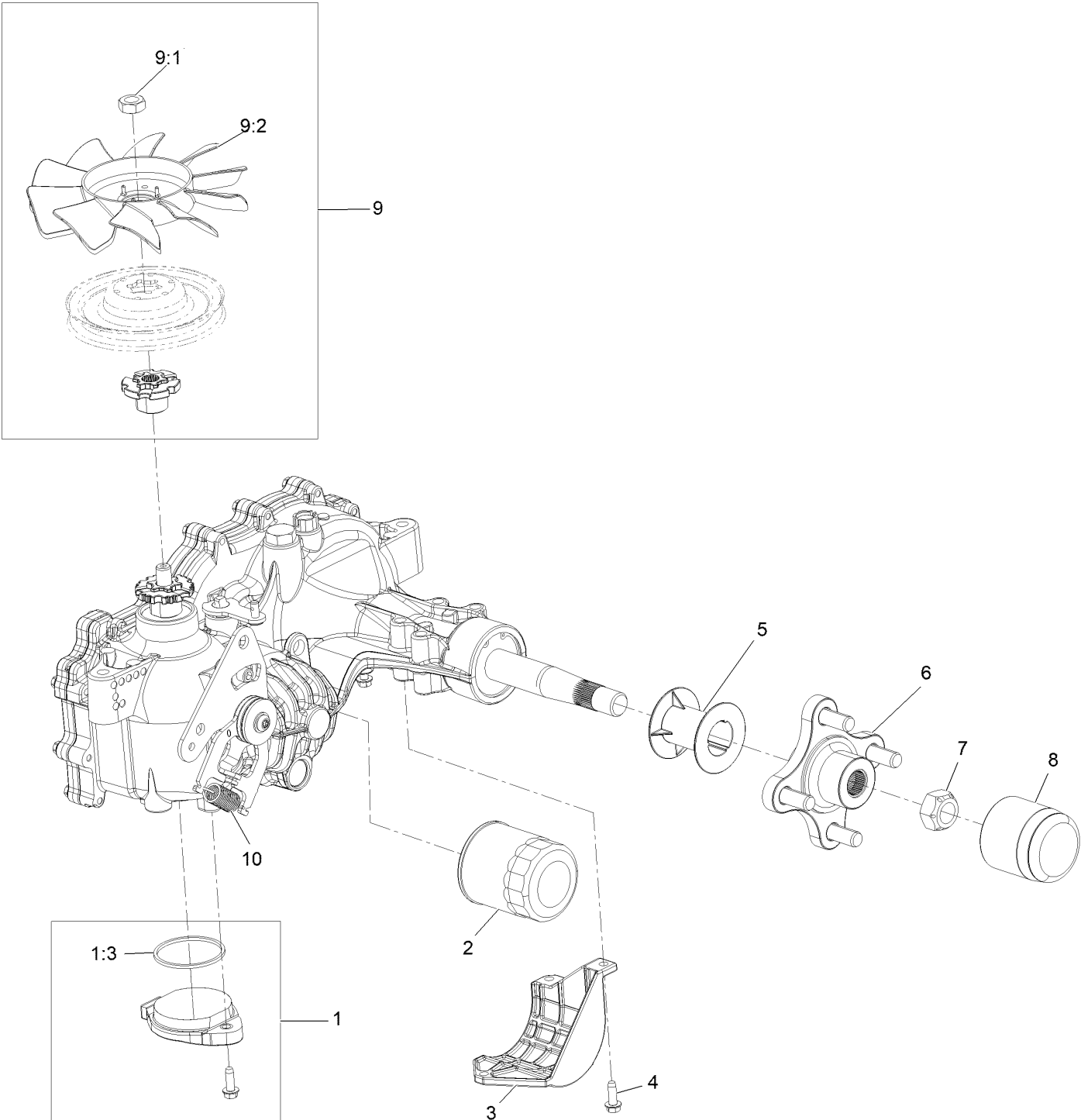
Transaxle Assembly



Transaxle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-6313	1	Transaxle ASM	8	116-6833	1	Shaft-Spacer
2	142-6314	1	Transaxle ASM	9	1-303334	4	Washer-Spring Disc 5/16
3	104-8300	8	Nut-Nyloc 5/16-18 Flg	10	94-7972	2	Screw-HH W/Loctite
4	126-4687	4	Screw-HHF	11	109-5395	2	Arm-Bypass, Hydro
5	3230-7	2	Bolt-Carriage 5/16-18 X 2 1/4	12	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
6	142-8480	2	Spacer, Hydro	13	108-6402	2	Knob-Handle
7	3230-30	2	Bolt-Carriage 5/16-18 X 4 1/2	14	1-806003	2	Hairpin-Cotter
				15	3256-4	2	Washer-3/8 Std

LH Transaxle Assembly

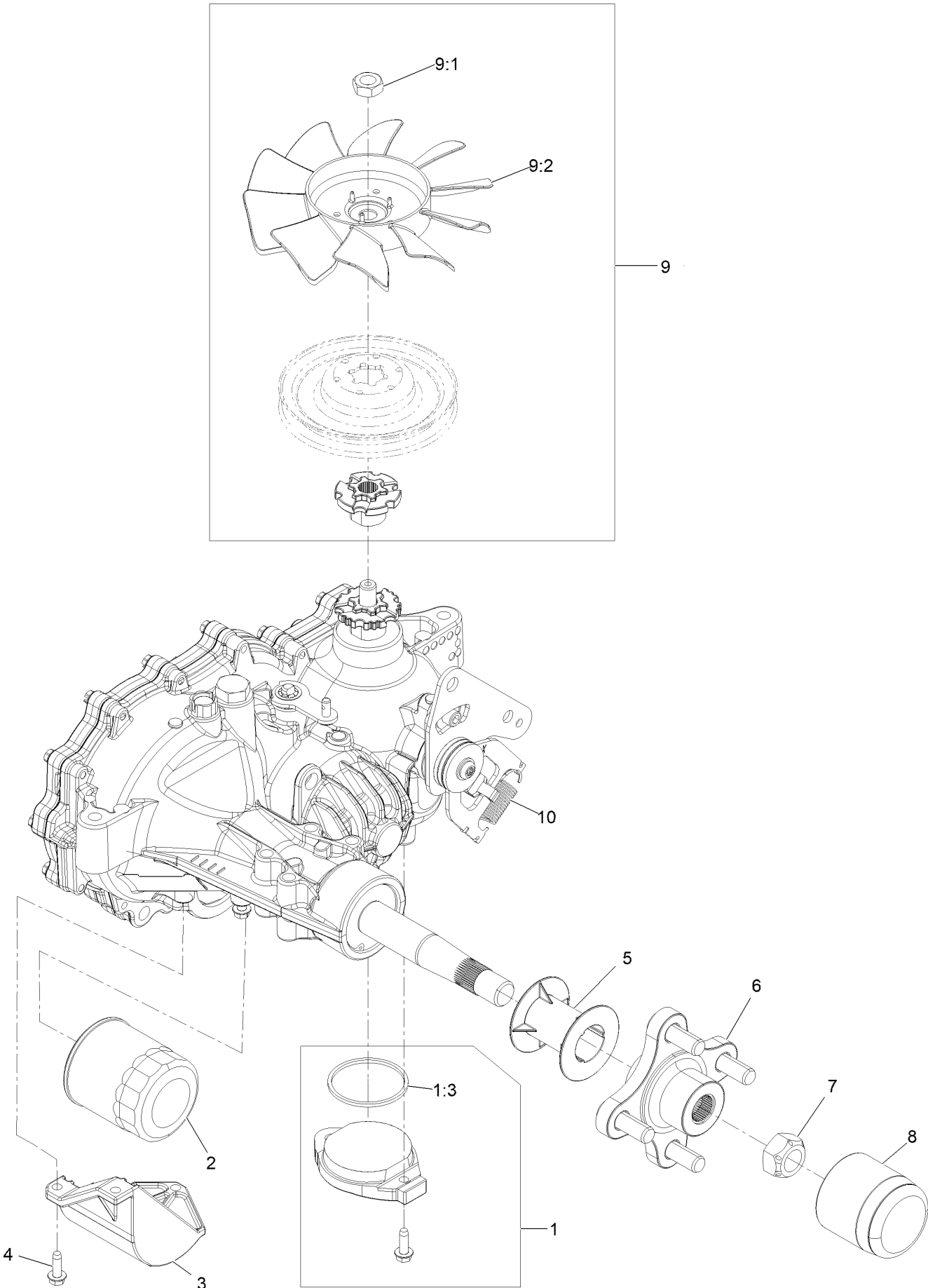


LH Transaxle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-8465	1	Charge Kit	8	116-6214	1	Cap-Axle, Long
1:3	109-3540	1	O Ring-Seal	9	135-7347	1	Fan And Pulley Kit
2	109-3321	1	Element-Oil Filter, HYD	9:1	116-9714	1	Nut-HJ
3	120-7979	1	Guard-Filter, LH	9:2	126-0226	1	Fan
4	104-2120	3	Screw	10	109-5592	1	Spring-Extension
5	116-6213	1	Tube-Axle	99	135-3604	1	Brake Shaft Seal Kit ●
6	116-3872	1	Hub-Offset	99	109-3537	1	Seal Kit ●
7	109-3536	1	Nut-Hub				

● Not illustrated

RH Transaxle Assembly

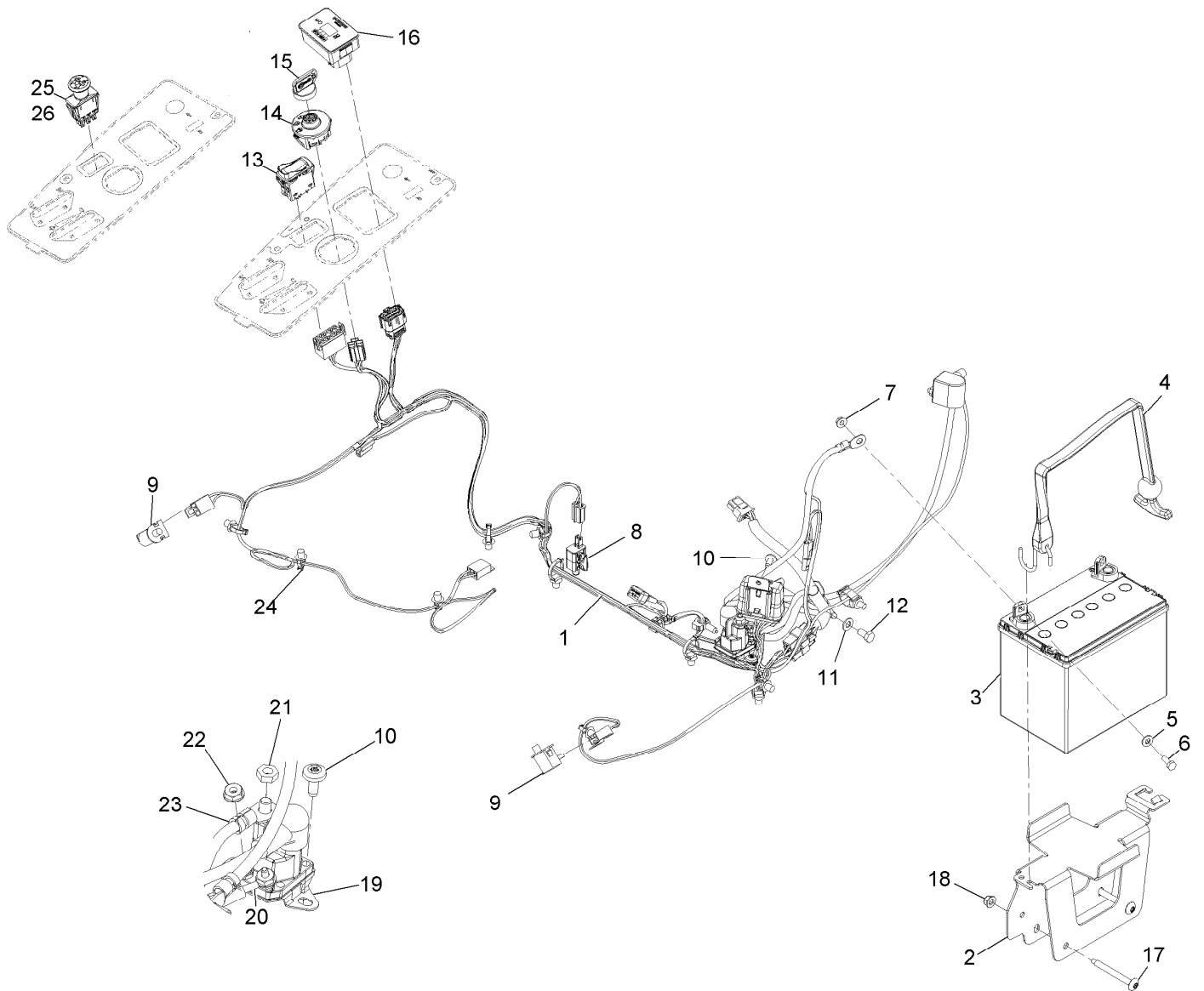


RH Transaxle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-8465	1	Charge Kit	8	116-6214	1	Cap-Axle, Long
1:3	109-3540	1	O Ring-Seal	9	135-7347	1	Fan And Pulley Kit
2	109-3321	1	Element-Oil Filter, HYD	9:1	116-9714	1	Nut-HJ
3	120-7981	1	Guard-Filter, RH	9:2	126-0226	1	Fan
4	104-2120	3	Screw	10	109-5592	1	Spring-Extension
5	116-6213	1	Tube-Axle	99	135-3604	1	Brake Shaft Seal Kit ●
6	116-3872	1	Hub-Offset	99	109-3537	1	Seal Kit ●
7	109-3536	1	Nut-Hub				

● Not illustrated

Electrical Assembly



Electrical Assembly (continued)

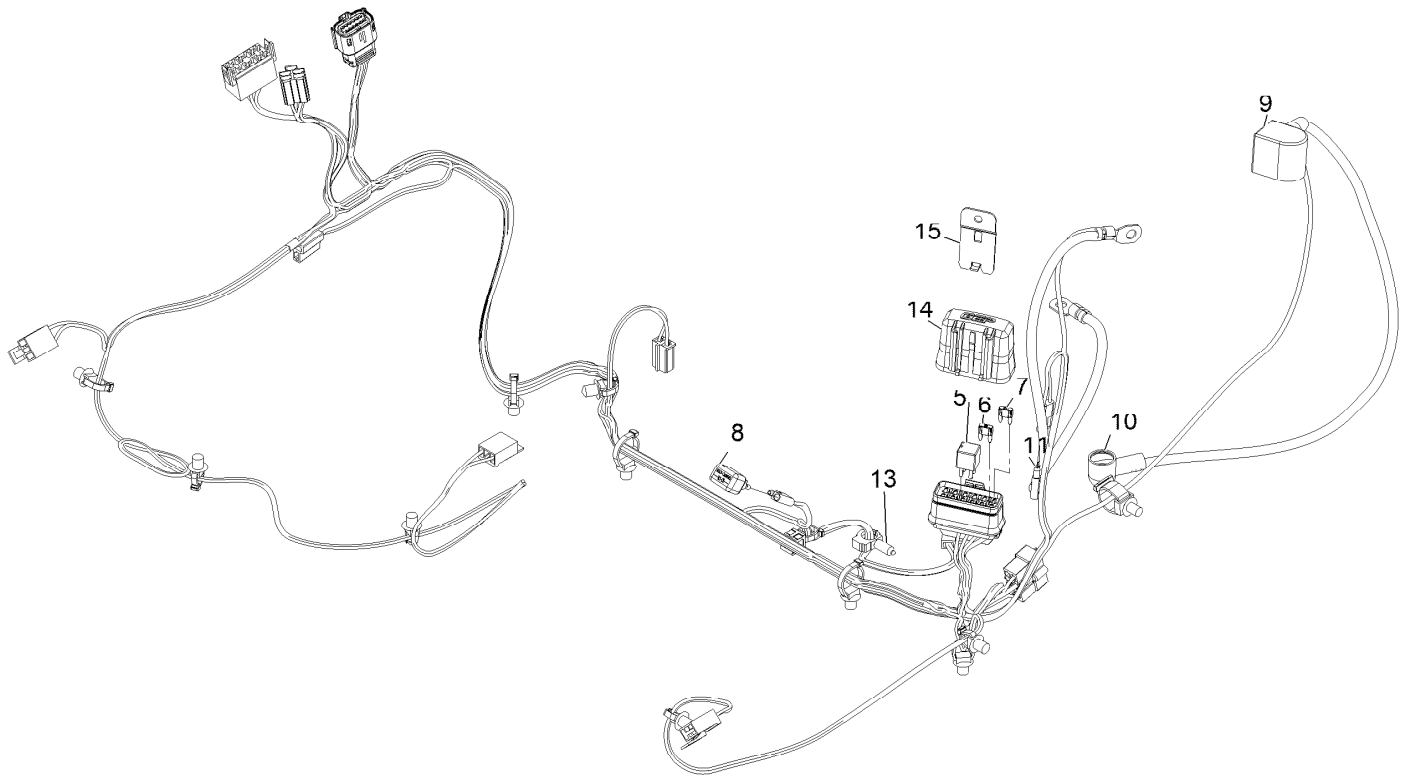
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	142-9137	1	Harness-Main ▲	14	137-4100	1	Switch-Ignition
2	126-6725-03	1	Tray-Battery	15	1-603511	1	Key-Ignition
3	99-7421	1	Battery - Wet (300 CCA, 12 V)	15	103-2106	1	Key-Exmark Logo
4	142-8697	1	Strap, Bungee	16	116-5609	1	Module ASM
5	3256-22	2	Washer-1/4 SAE	17	126-6267	2	Screw-Truss HD 5/16-18 X 2 3/4 Torx Plus
6	321-4	2	Screw-HH 1/4-20 X 3/4	18	104-8300	2	Nut-Nyloc 5/16-18 Flg
7	32128-33	2	Nut-Whizlock 1/4-20	19	117-1197	1	Solenoid
8	110-6765	1	Switch	20	126-5036	1	Adapter-Harness, Wire
9	82-2190	2	Switch	21	3220-2	1	Nut-Jam 5/16-24
10	126-6266	3	Screw-1/4-20 X .65 Torx Plus	22	32149-8	2	Nut-Keps #10-32
11	3256-23	1	Washer-5/16 SAE	23	100-3540	1	Cable-Battery, Positive
12	135-2868	1	Screw-HH	24	32180-037	1	Clip-Harness
13	139-6368	1	Switch-Rocker, On-None-On	25	103-5221	1	Switch-PTO
				26	146-2055	1	Harness-Main ■●▲

● Not illustrated

■ Used with 103-5221 Switch-PTO

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

Electrical Harness Assembly



Electrical Harness Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	126-3991	1	Relay-Micro
6	121-8867	1	Fuse-Mini Blade, 15 Amp
7	121-8868	1	Fuse-Mini Blade, 20 Amp
8	103-3895	1	Diode
9	126-8876	1	Insulator-Battery

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	1-543393	1	Insulator-Solenoid
11	116-0053	1	Cap-Plug
13	32180-037	1	Clip-Harness
14	32180-176	1	Cover-Block, Fuse
15	32180-177	1	Clip-Mounting

Notes:



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HITCH KIT	TURF STRIPER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
12V POWER PORT	ULTRA VAC QUICK DISPOSAL SYSTEM
MICRO-MULCH SYSTEM	

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

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DUAL-TAIL WHEEL	SNOWBLOWER
FLOOR PAN EXTENDER	SUN SHADE
HITCH KIT	TRASH CONTAINER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
MICRO-MULCH SYSTEM	ULTRA VAC QUICK DISPOSAL SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)	WEATHER CAB

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MICRO-MULCH SYSTEM	STANDON

*Some accessories and options not available for some models.

Place Model No. and Serial No.
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