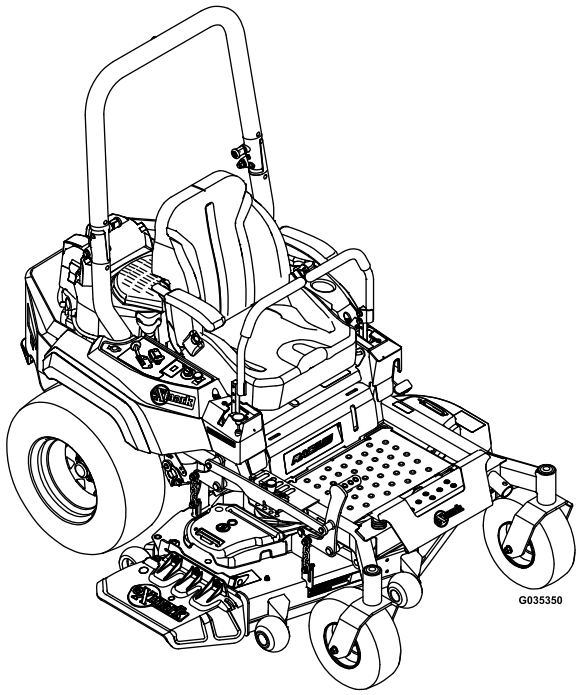
RADIUS® E-SERIES

Model No. RAE708GEM48300—Serial No. 400000000 and Up

Picture below may not reflect actual product.



Parts Manual

Part No. 4502-911 Rev. 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.

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).

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Industrial Park Box 808
Beatrice, NE 68310

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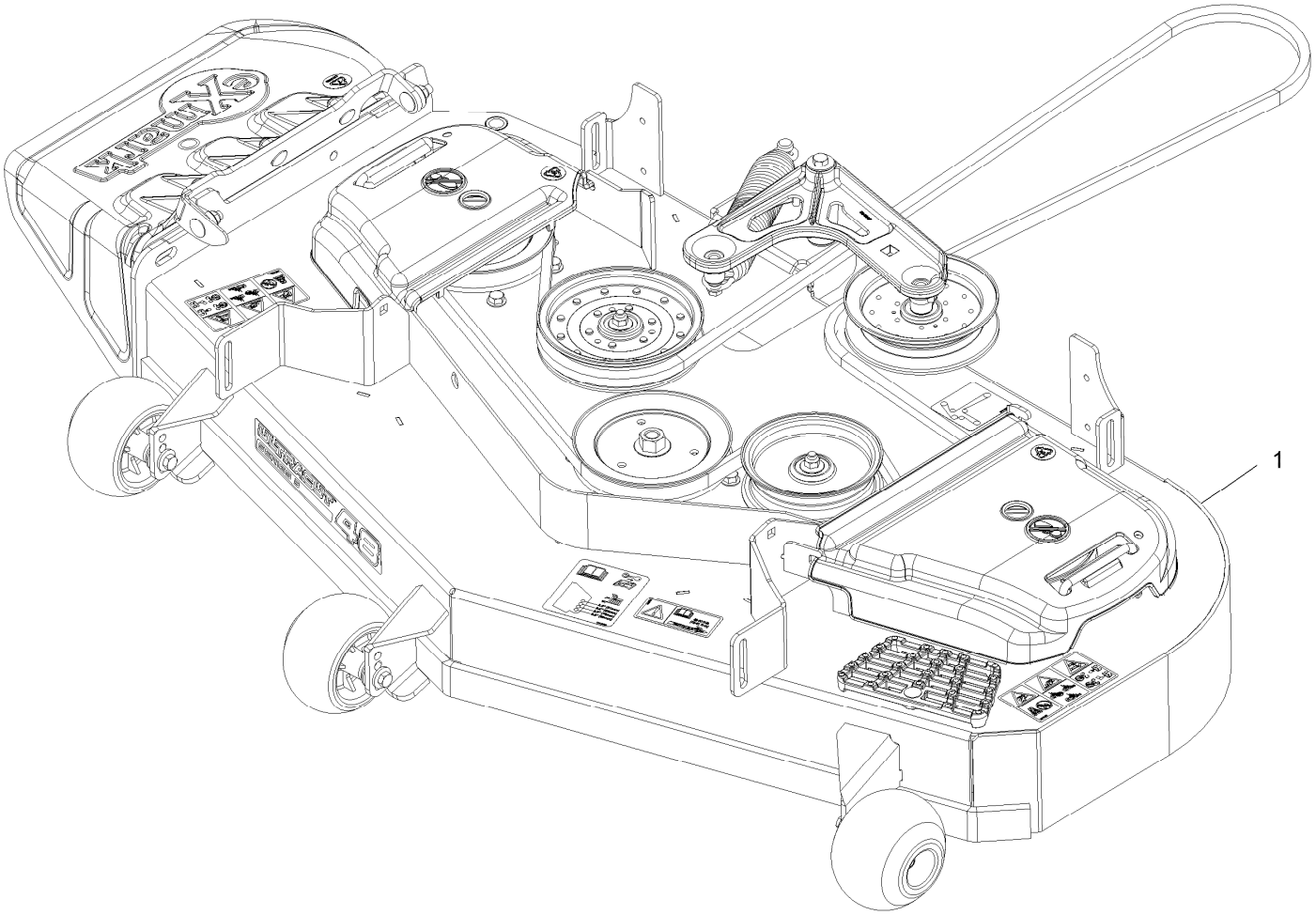


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

Contents

Complete Deck Assembly 4
Deck Assembly 6
Deck W/Decals Assembly 8
Idler Arm W/Bearings Assembly 10
Main Frame Assembly 12
Caster Wheel Assembly 14
Roll-Over Protection System Assembly 16
Deck Lift Assembly 18
Deck Strut Assembly 20
Controls Assembly 22
Motion Control Assembly 24
LH Motion Control Assembly 26
RH Motion Control Assembly 28
Seat Assembly 30
Seat Assembly (cont) 32
Fuel Tank and Vent Hose System Assembly 34
Fuel Tank Assembly (cont.) 36
Engine Assembly 38
Fuel System Assembly 40
Carburetor Assembly 42
Air Intake and Filtration Assembly 44
Ignition and Electrical Assembly 46
Crankcase and Crankshaft Assembly 48
Governor Control Assembly 50
Piston and Cylinder Head Assembly 52
Blower Housing Assembly 54
Gasket and Seal Kit 56
Hydro Transaxle Drive Assembly 58
LH Transaxle Assembly 60
RH Transaxle Assembly 62
Electrical Assembly 64
Harness Assembly 66

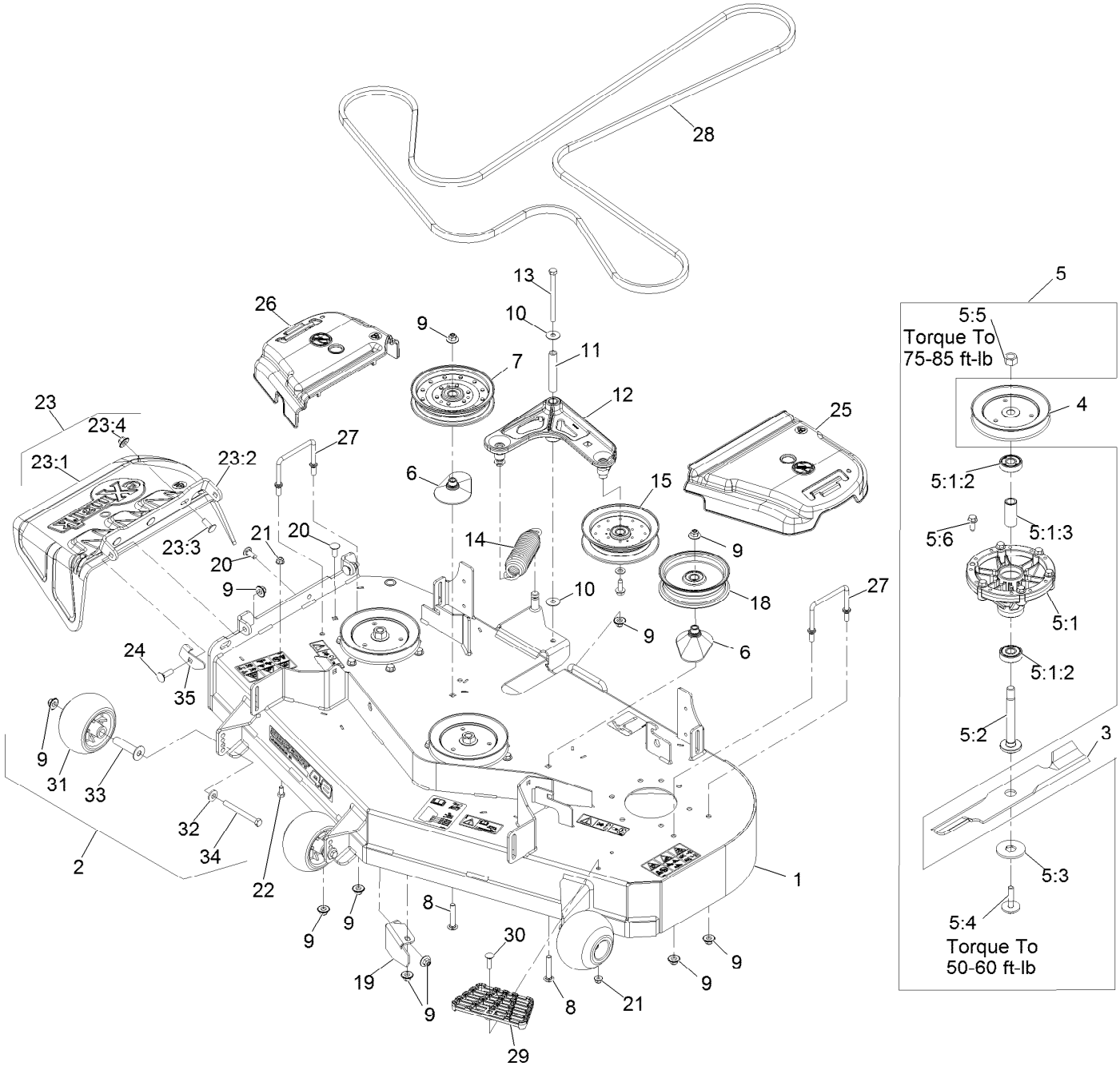
Complete Deck Assembly



Complete Deck Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	126-8036	1	ASM-Deck Complete 483

Deck Assembly

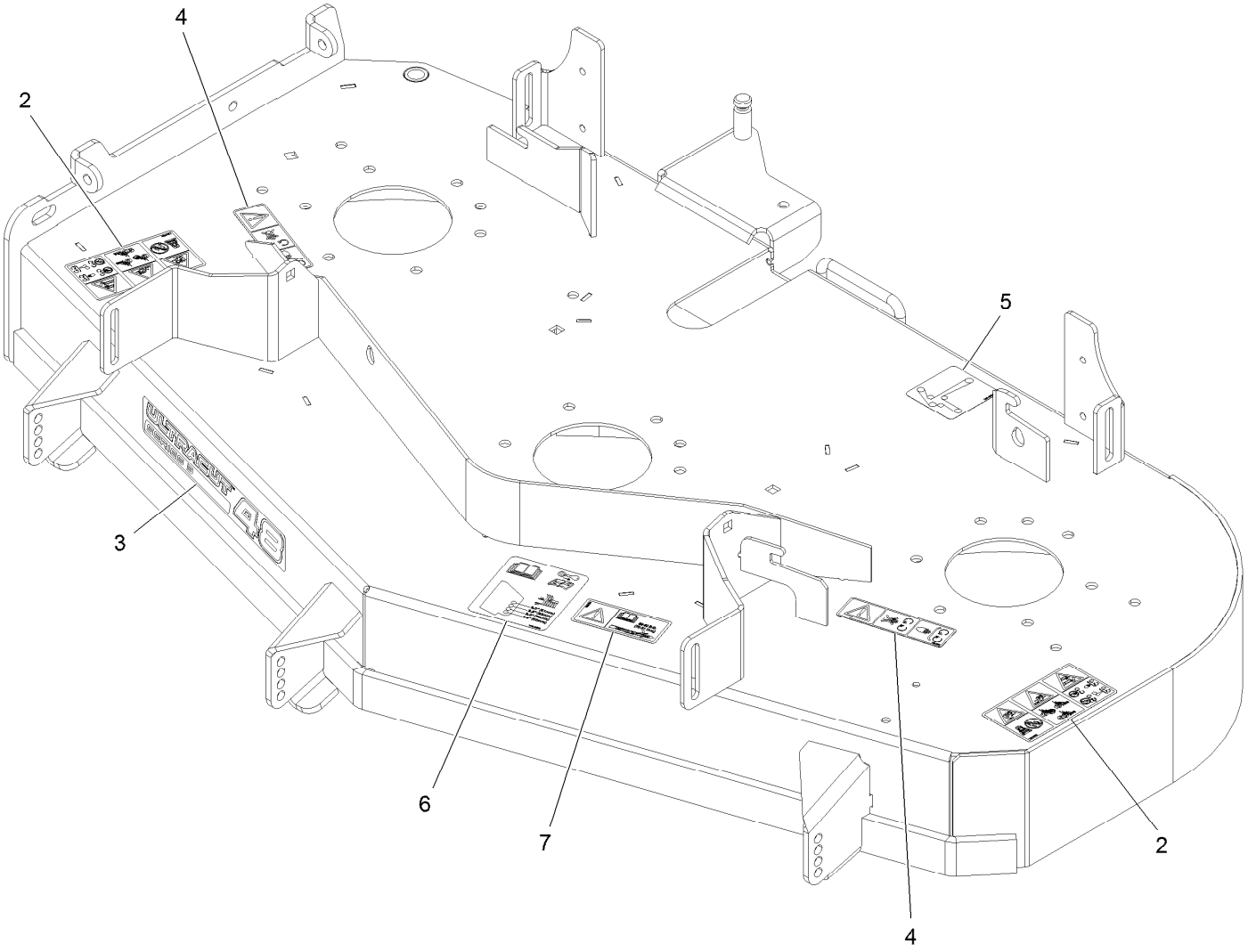


Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-3575	1	ASM-Deck W/Decals 483
2	116-9981	3	Kit, Anti-Scalp Roller
3	116-5177	3	Blade-Extreme 2, 16.25"
3	103-6401	3	Blade-Notched
3	103-6391	3	Blade, Mulching ●
3	103-6386	3	Blade, Low Lift
3	103-6381	3	Blade, Solid
4	116-5043	3	Sheave,Blade Drive 5.90
5	126-4630	3	ASM, Cutter Housing Complete
5:1	126-4627	1	ASM-Cutter Housing
5:1:2	116-4004	2	Bearing
5:1:3	116-4876	1	Spacer-Bearing
5:2	109-7431	1	Spindle-Hex Pilot
5:3	126-4530	1	Washer-Hex Blade Drive
5:4	116-0005	1	Bolt-Blade, Sem
5:5	3219-6	1	Nut-Hex 5/8-18
5:6	126-1696	6	Screw-Forming, Thread
6	109-2872	2	Spacer-Pulley
7	116-4670	1	Pulley-Idler, Flat
8	3231-40	2	Bolt-Carriage 3/8-16 X 2 1/4
9	109-6658	14	Nut-Nyloc 3/8-16 Flg
10	52-2860	2	Washer
11	116-5111	1	Bushing
12	126-0976	1	Idler Arm ASM
13	323-38	1	Screw-HH 3/8-16 X 4 3/4
14	116-6317	1	Spring-Extension
15	116-4668	1	Idler-Pulley, Flanged
18	116-4669	1	Idler-Pulley, Flat
19	116-0680-01	1	Baffle,Discharge 483
20	3231-22	2	Bolt-Carriage 3/8-16 X 1
21	104-8300	2	Nut-Nyloc 5/16-18 Flg
22	322-2	1	Screw-HH 5/16-18 X 5/8
23	109-7188	1	ASM,Discharge Chute
23:1	109-2738	1	Chute, Discharge
23:2	109-8675-01	1	Bracket,Discharge Chute
23:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
23:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
24	3231-25	2	Bolt-Carriage 3/8-16 X 1 1/4
25	109-6936	1	Cover-Belt, LH
26	109-6935	1	Cover-Belt, RH
27	109-6982	2	Wireform-Cover
28	126-6626	1	Belt-V
29	126-4781-03	1	Step-Deck
30	3230-3	1	Bolt-Carriage 5/16-18 X 1 1/4
31	103-8415	3	Roller-Anti-Scalp
32	98-5975	3	Washer-Spring Disc 3/8
33	116-8131	3	Axle, Roller
34	116-9362	3	Screw-HH 3/8-16 X 3 3/4 GR 8
35	135-0064	1	Stop-Discharge Chute

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

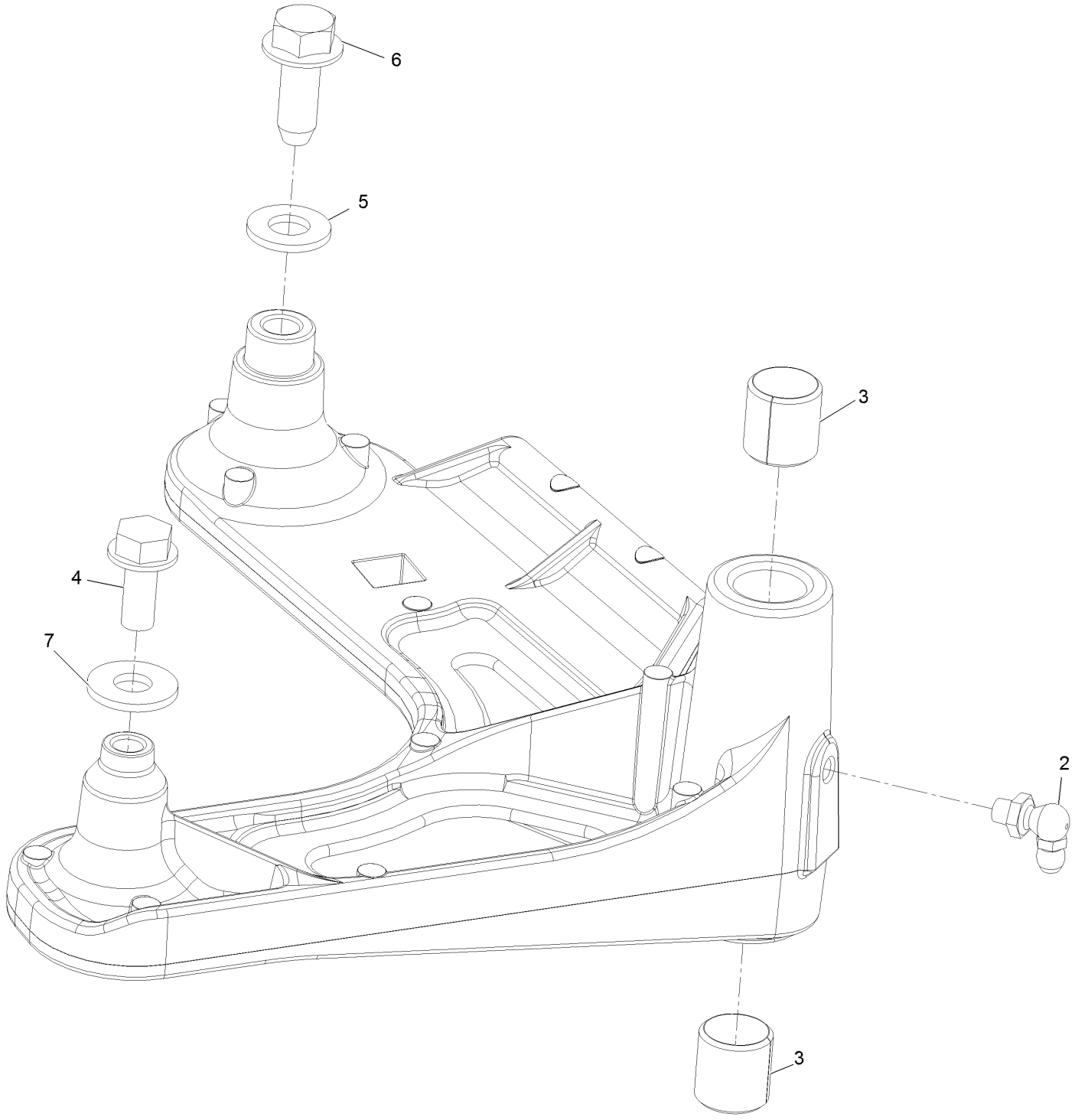
Deck W/Decals Assembly



Deck W/Decals Assembly (continued)

Ref.	Part Number	Qty.	Description
2	126-6464	2	Decal-Danger Thrown Objects
3	126-6746	1	Decal-Ultracut 48 Series 3
4	112-9028	2	Decal-Missing, Cover
5	109-6035	1	Decal-Belt Routing
6	109-6036	1	Decal-Roller, Anti-Scalp
7	116-8283	1	Decal-Bolt Torque

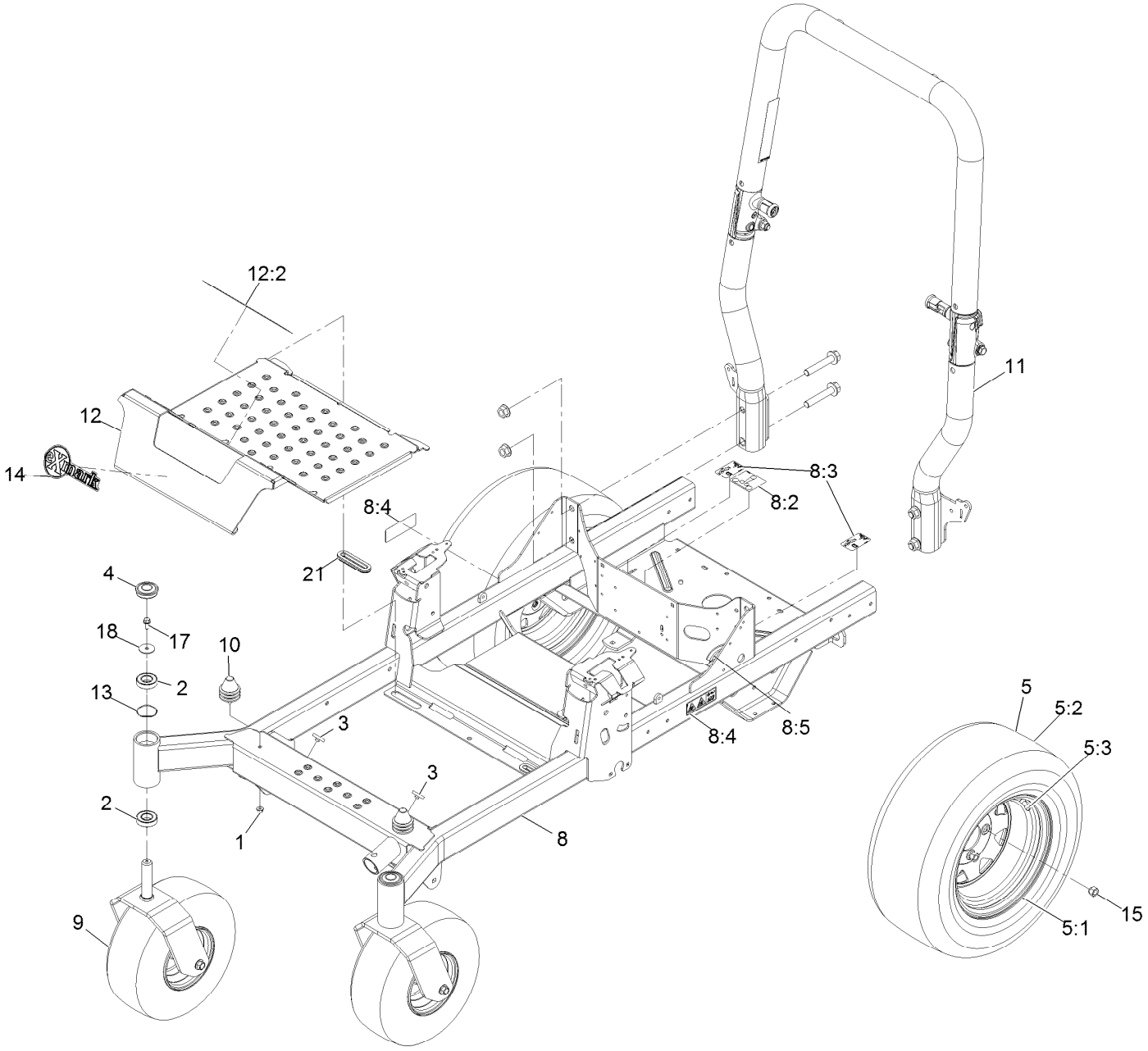
Idler Arm W/Bearings Assembly



Idler Arm W/Bearings Assembly (continued)

Ref.	Part Number	Qty.	Description
2	302-40	1	Zerk-90° 1/4-28
3	1-513034	2	Sleeve-Bearing
4	32144-11	1	Screw-HWH 5/16-18 X 3/4 Tf
5	3256-24	1	Washer-3/8 SAE
6	126-1696	1	Screw-Forming, Thread
7	3256-3	1	Washer-5/16 Std

Main Frame Assembly

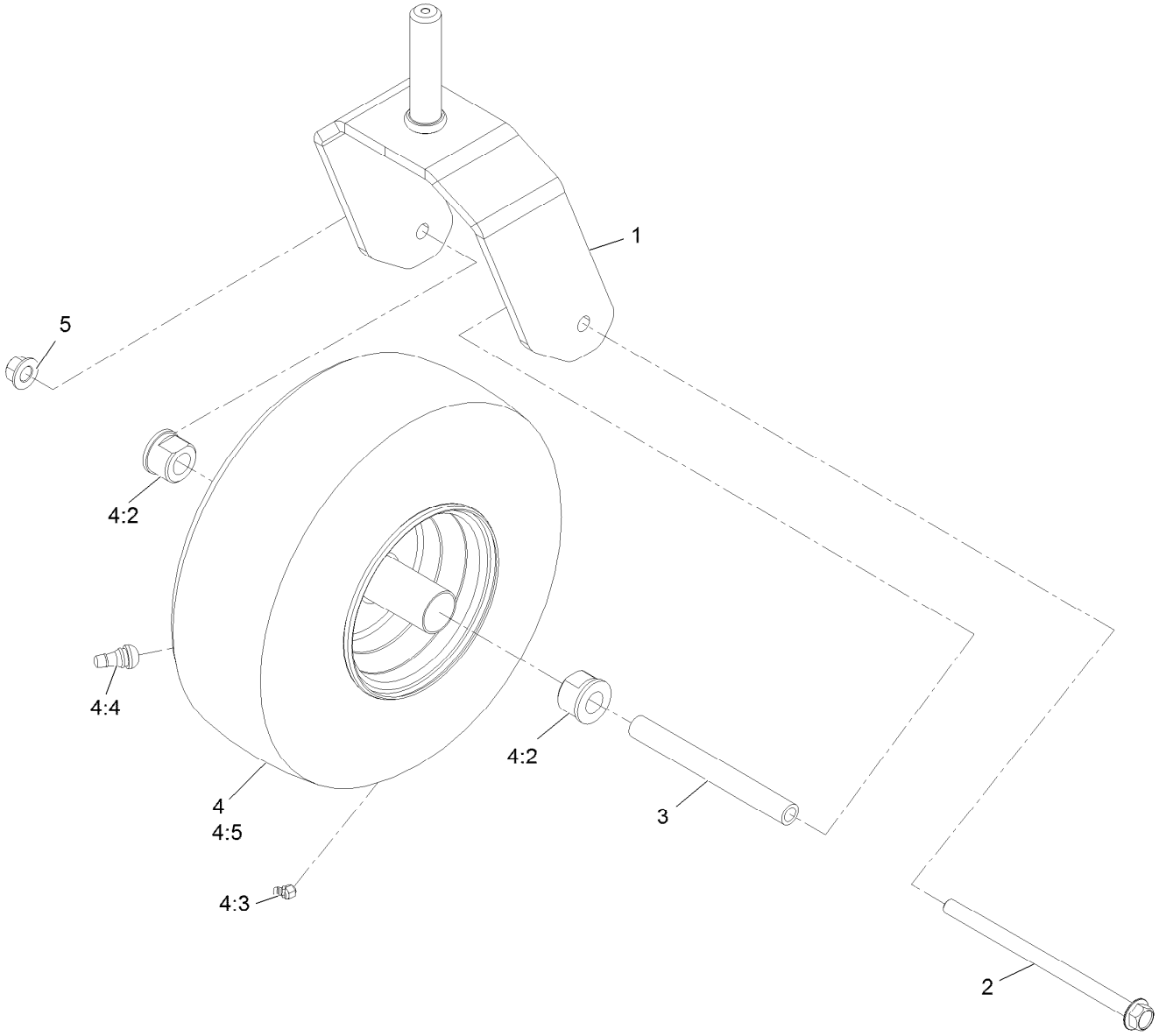


Main Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	104-8300	2	Nut-Nyloc 5/16-18 Flg
2	109-3678	4	Bearing-Ball
3	109-9233	2	Bumper-Push-In, Rubber
4	116-4348	2	Cap-Grease
5	126-3278	2	Wheel And Tire ASM
5:1	126-9073	1	Wheel
5:2	120-3271	1	Tire
5:3	232-27	1	Stem-Valve
8	126-4699	1	Frame ASM
8:2	109-6014	1	Decal-Routing, Belt
8:3	116-8588	2	Decal-Release, Drive
8:4	126-4363	2	Decal-Warning
8:5	127-6618	1	Strip-Seal
9		2	ASM-Front Caster W/Fork ●
10	126-5491	2	Isolator
11	126-9525	1	ASM-ROPS Tapered
12	126-5872	1	Pan-Floor
12:2	126-8383	1	Decal-Danger
13	126-5897	2	Spring
14	126-8819	1	Decal-Exmark Logo
15	242-50	8	Nut-Lug 1/2-20
17	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
18	3256-68	2	Washer-Flat
21	126-7065	2	Grommet-Rubber

● Not serviced separately

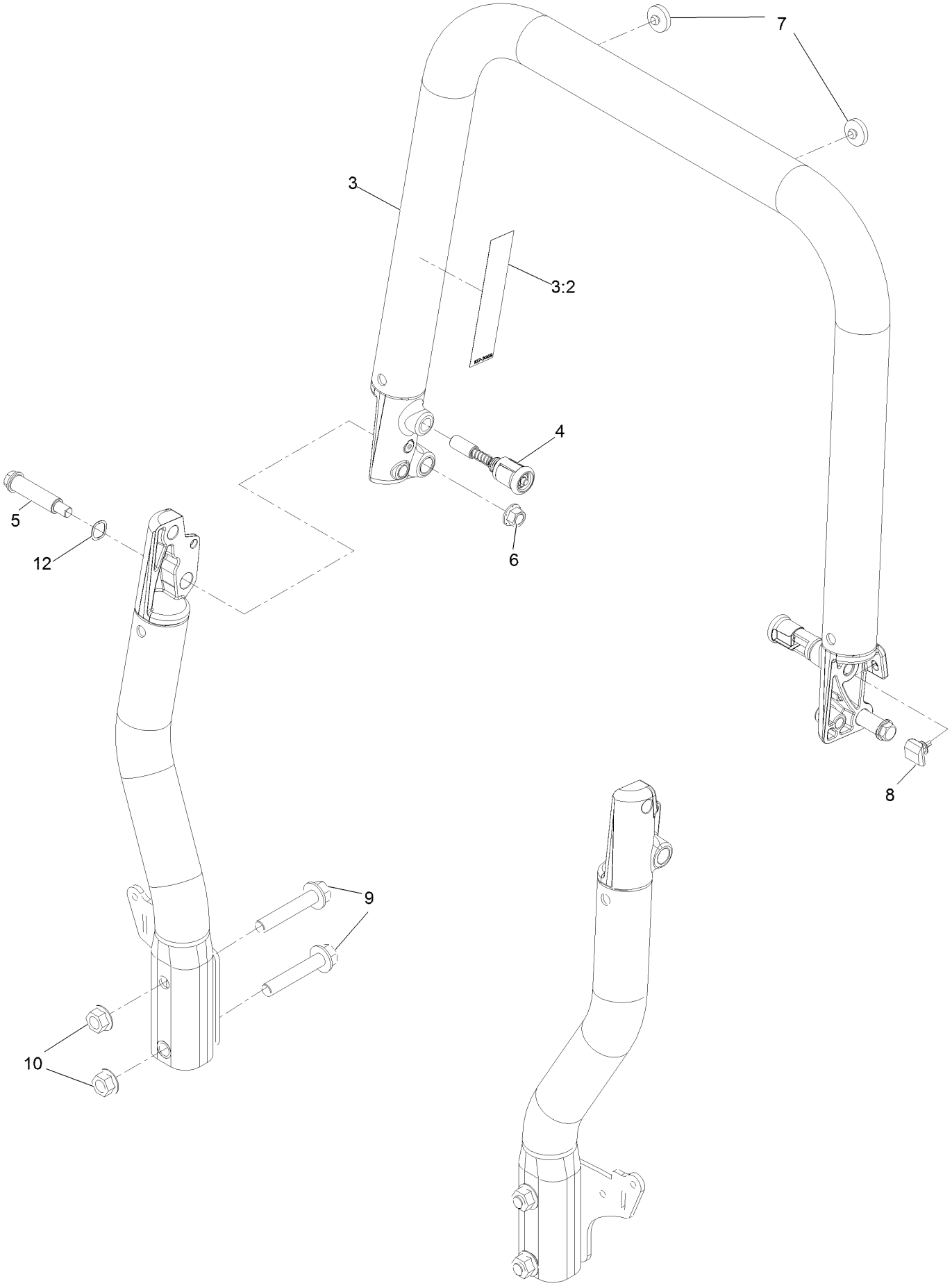
Caster Wheel Assembly



Caster Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-4312-01	1	Fork-Caster
2	126-5389	1	Screw-HHF
3	127-0068	1	Spanner-Wheel, Caster
4	126-4860	1	ASM, Tire & Wheel
4:2	114-1640	2	Bushing-Flange
4:3	120-7125	1	Fitting-Zerk
4:4	5108	1	Valve
4:5	126-5959	1	Tire
5	99-5107	1	Nut-Lock 1/2-13

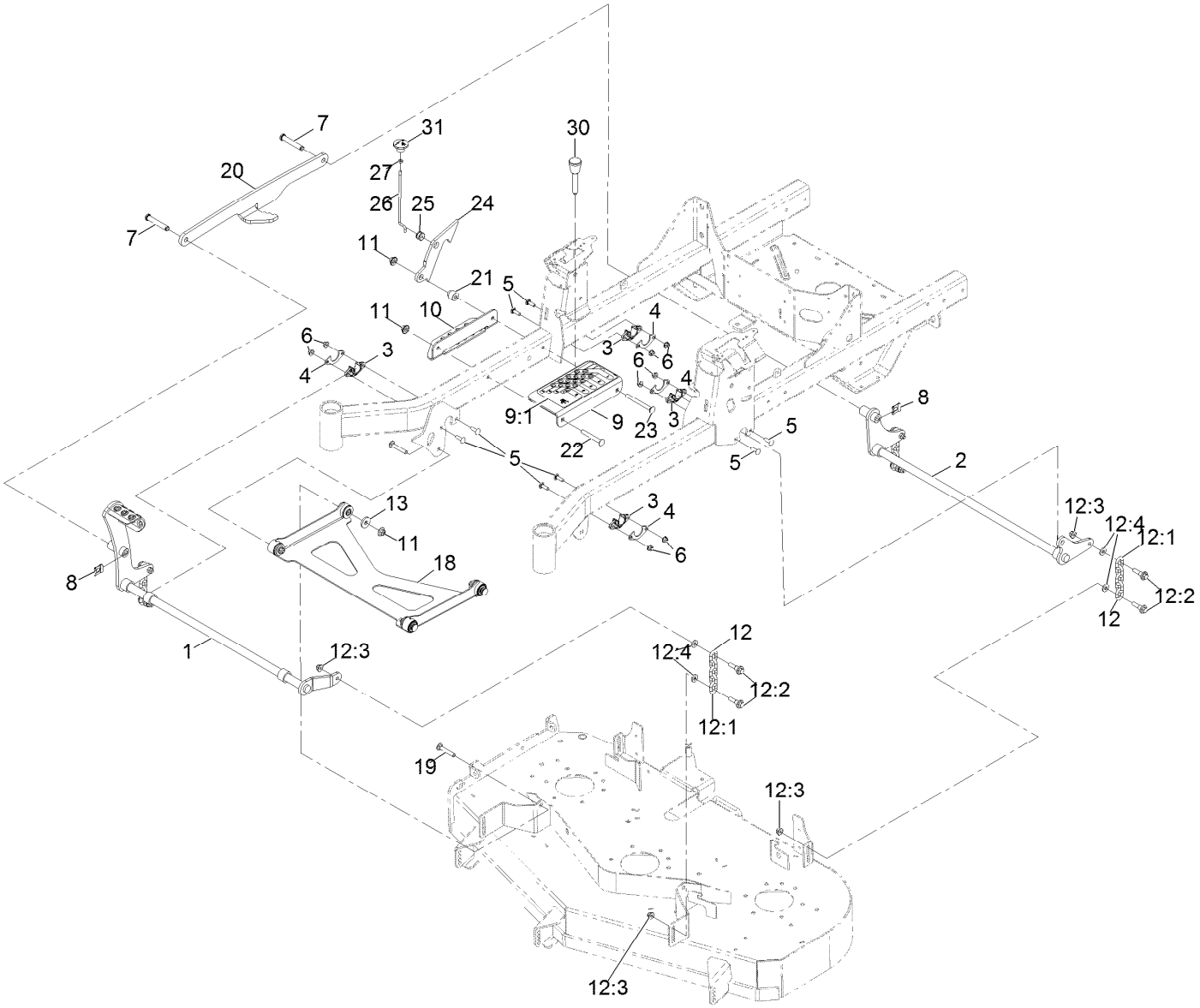
Roll-Over Protection System Assembly



Roll-Over Protection System Assembly (continued)

Ref.	Part Number	Qty.	Description
3	126-7838	1	Top Tube ASM
3:2	107-3069	1	Decal-Warning
4	116-0104	2	Pin-Spring
5	126-9209	2	Bolt-Shoulder
6	99-5107	2	Nut-Lock 1/2-13
7	109-9233	2	Bumper-Push-In, Rubber
8	126-9966	2	Bumper-ROPS
9	126-9488	4	Screw-HHF 5/8-18 X 3 1/2 Gr 8
10	32128-50	4	Nut-Whizlock 5/8-11
12	119-4164	2	Washer-Wave

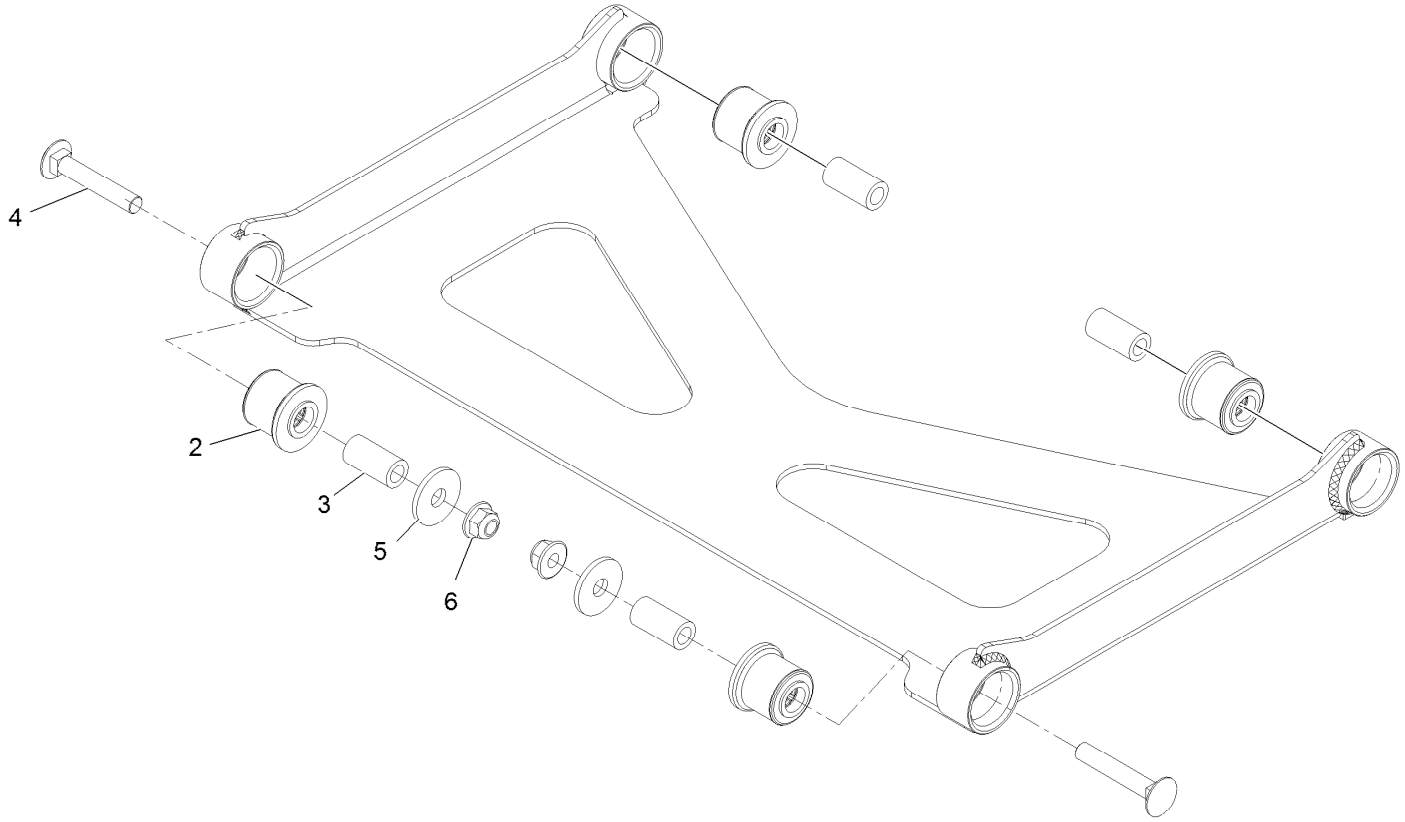
Deck Lift Assembly



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	115-5065	4	Bushing-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	95-4064	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-Lift
21	126-5221	1	Spacer-Stepped
22	3231-42	1	Screw-CARR
23	3231-37	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

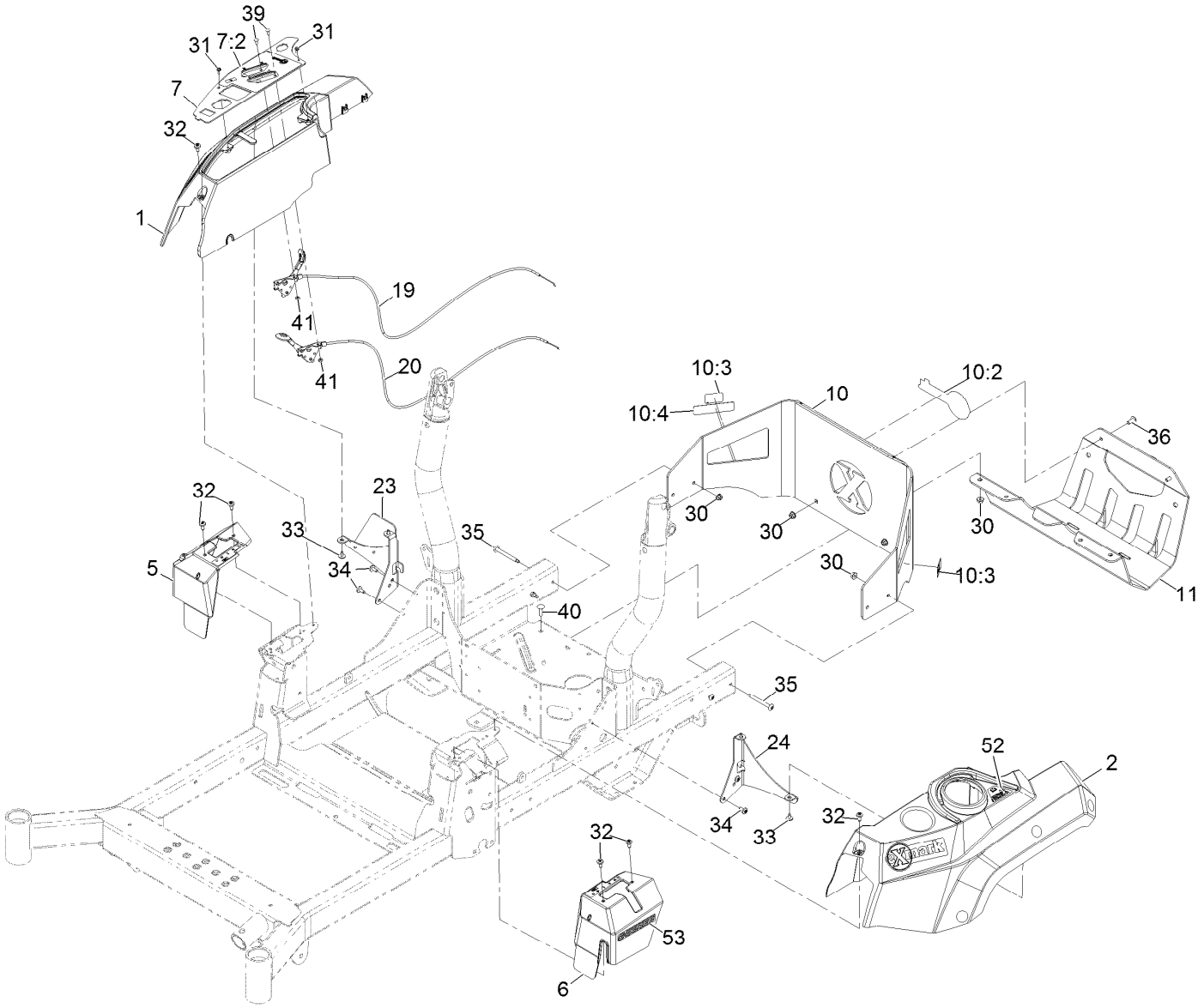
Deck Strut Assembly



Deck Strut Assembly (continued)

Ref.	Part Number	Qty.	Description
2	126-8360	4	Bushing-Rubber, Suspension
3	108-6544	4	Spacer
4	3231-7	2	Bolt-Carriage 3/8-16 X 2 1/4
5	2844	2	Washer
6	104-8301	2	Nut-Nyloc 3/8-16 Flg

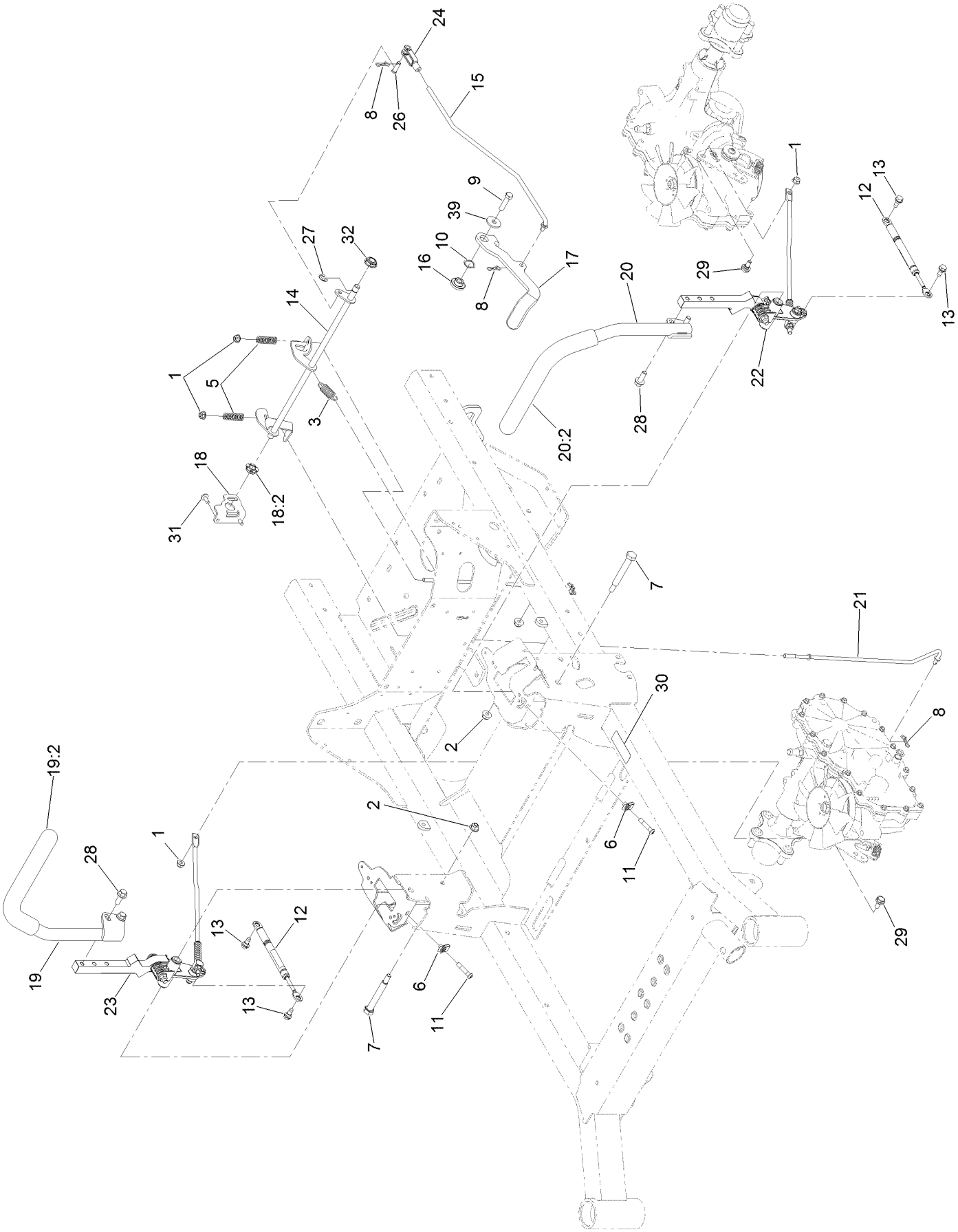
Controls Assembly



Controls Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-6025	1	Console, RH
2	126-6026	1	Console, LH
5	126-7371	1	Cover-Motion Control, RH
6	126-7372	1	Cover-Motion Control, LH
7	126-7789	1	Ctrl Panel ASM W/Decal
7:2	126-6570	1	Decal-Control Panel
10	126-7802	1	Rear Guard ASM
10:2	126-6965	1	Decal-Exmark Logo
10:3	106-5517	2	Decal-Warning
10:4	117-2718	1	Decal-Arrester, Spark
11	126-7664-03	1	Guard-Muffler
19	126-6945	1	Cable-Control, Choke
20	126-6944	1	Cable-Control, Throttle
23	126-9945	1	Support-Console, RH
24	126-5532-03	1	Bracket-Console, LH
30	104-8300	8	Nut-Nyloc 5/16-18 Flg
31	117-5036	2	Screw-HWH #10-14 X 1/2
32	120-7950	6	Screw-1/4-20 X 1/2 Tf Torx Plus
33	126-5544	4	Screw-HWH #10-14 X 1/2 Torx
34	126-6266	4	Screw-1/4-20 X .65 Torx Plus
35	126-6267	4	Screw-Truss HD 5/16-18 X 2 3/4 Torx Plus
36	126-6268	2	Screw-Truss HD 5/16-18 X 3/4 Torx Plus
39	1-807513	4	Bolt-Carriage #10-24 X 1/2
40	3230-22	2	Bolt-Carriage 5/16-18 X 1 Sp
41	3296-2	4	Nut-Nyloc #10-24
52	126-9939	1	Decal-Fill, Fuel
53	126-9295	2	Decal-E-Series

Motion Control Assembly

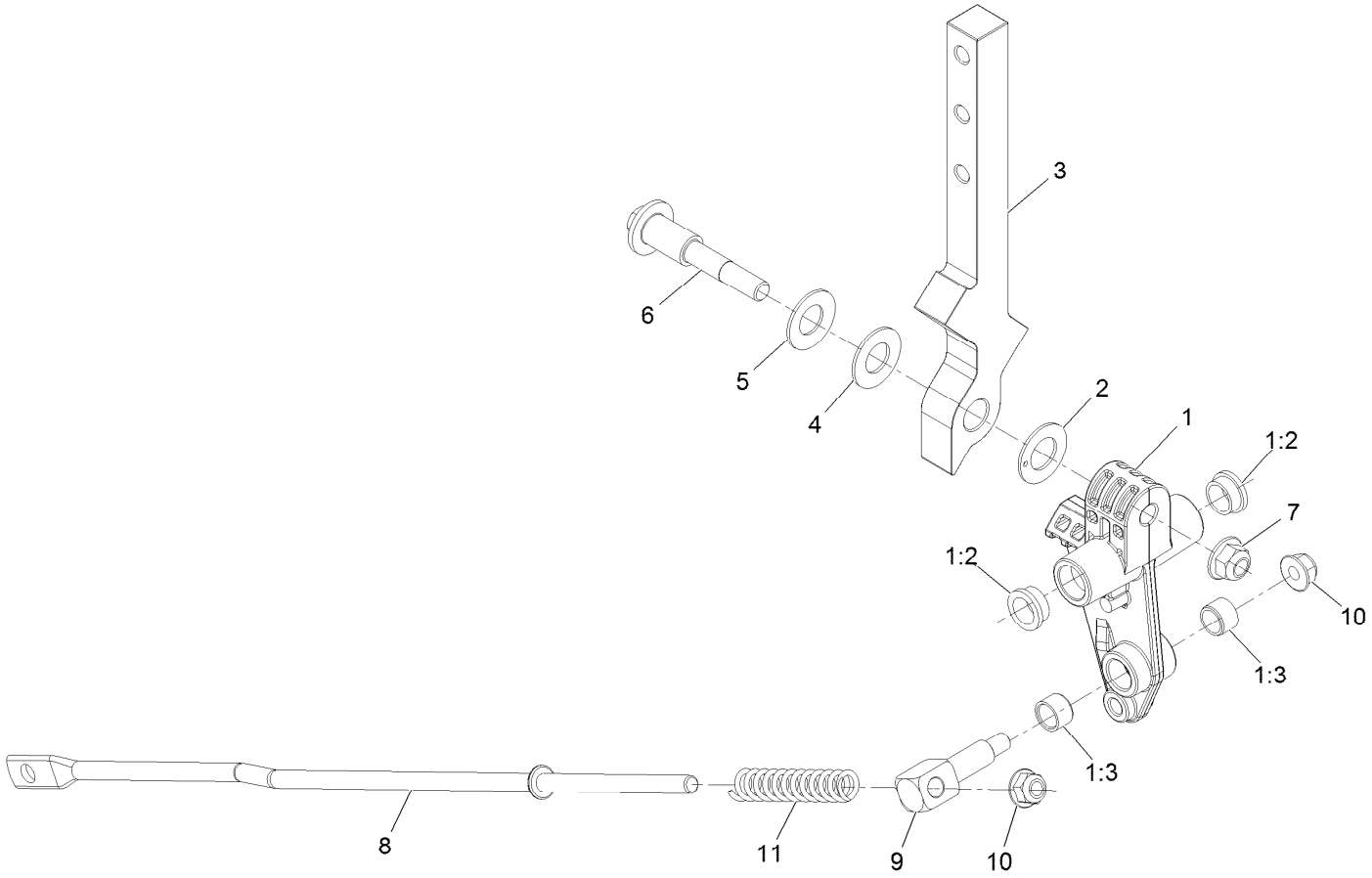


Motion Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	104-8300	4	Nut-HF, NI
2	104-8301	3	Nut-HF, NI
3	107-1045	2	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	126-4322	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
30	115-9625	1	Decal-Brake, Parking
31	126-6266	2	Screw-Torx
32	126-5820	1	Bearing-Spherical
39	2844	1	Washer

● Not serviced separately

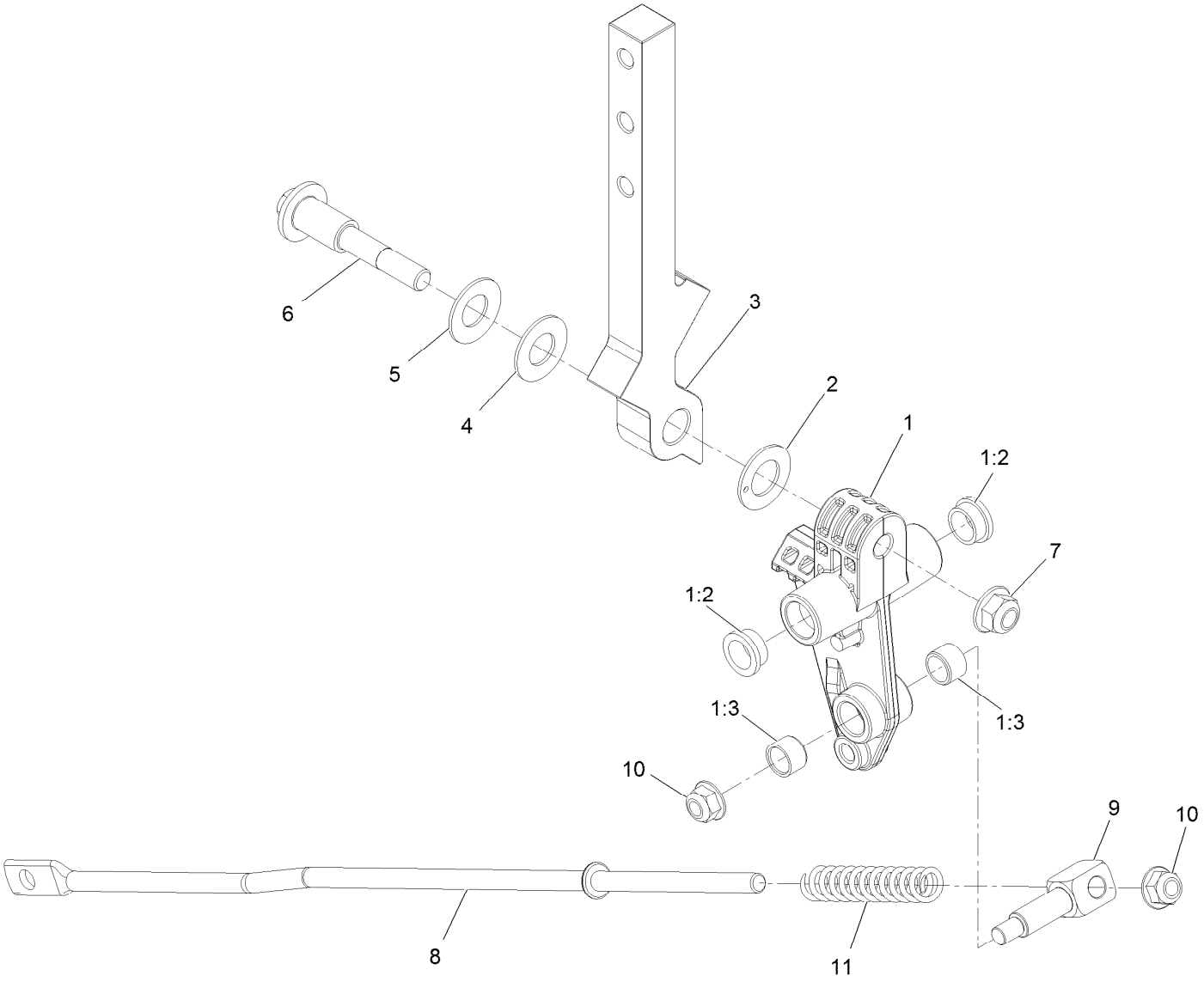
LH Motion Control Assembly



LH 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	104-8301	1	Nut-Nyloc 3/8-16 Flg
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

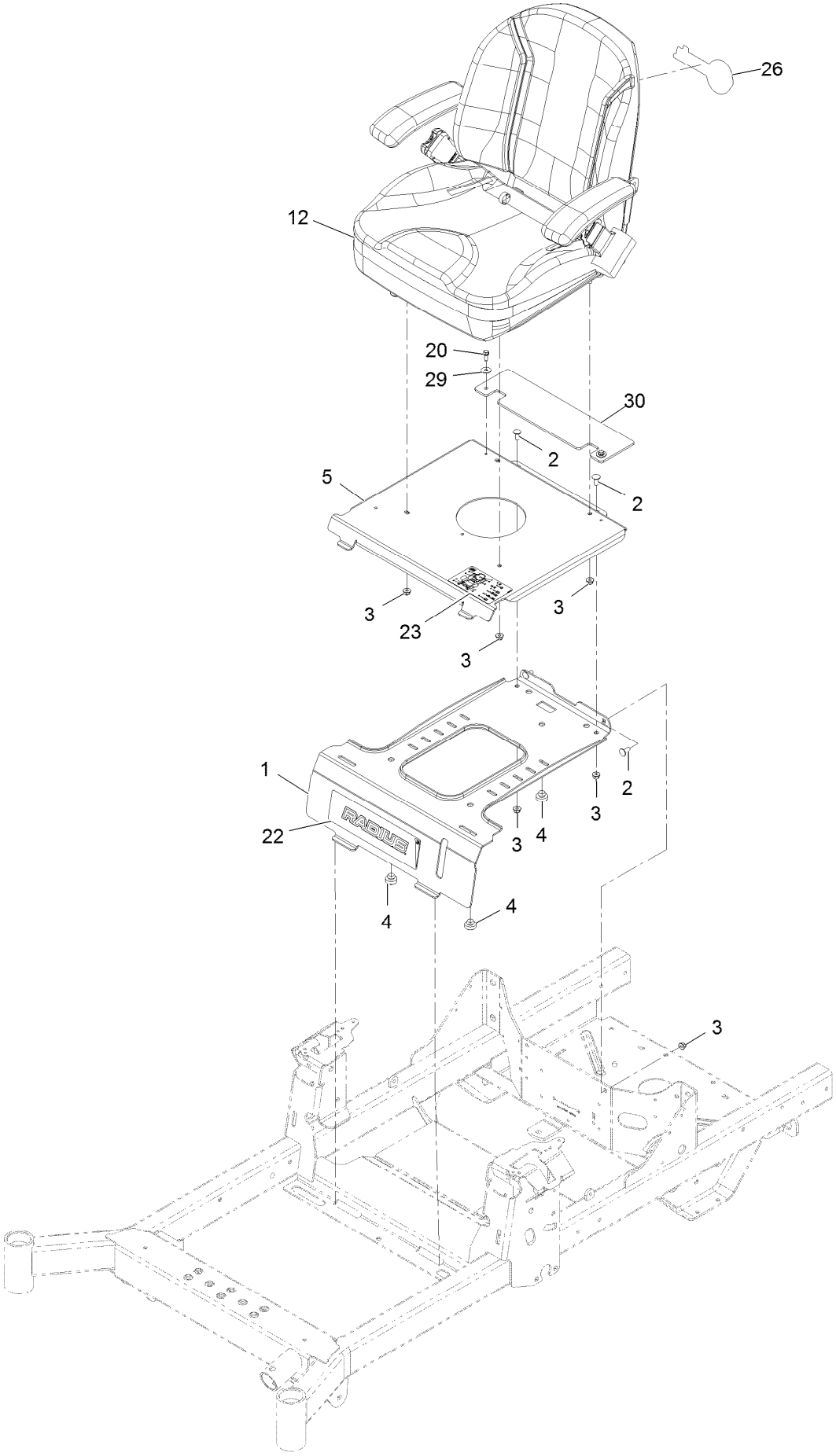
RH Motion Control Assembly



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	104-8301	1	Nut-Nyloc 3/8-16 Flg
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

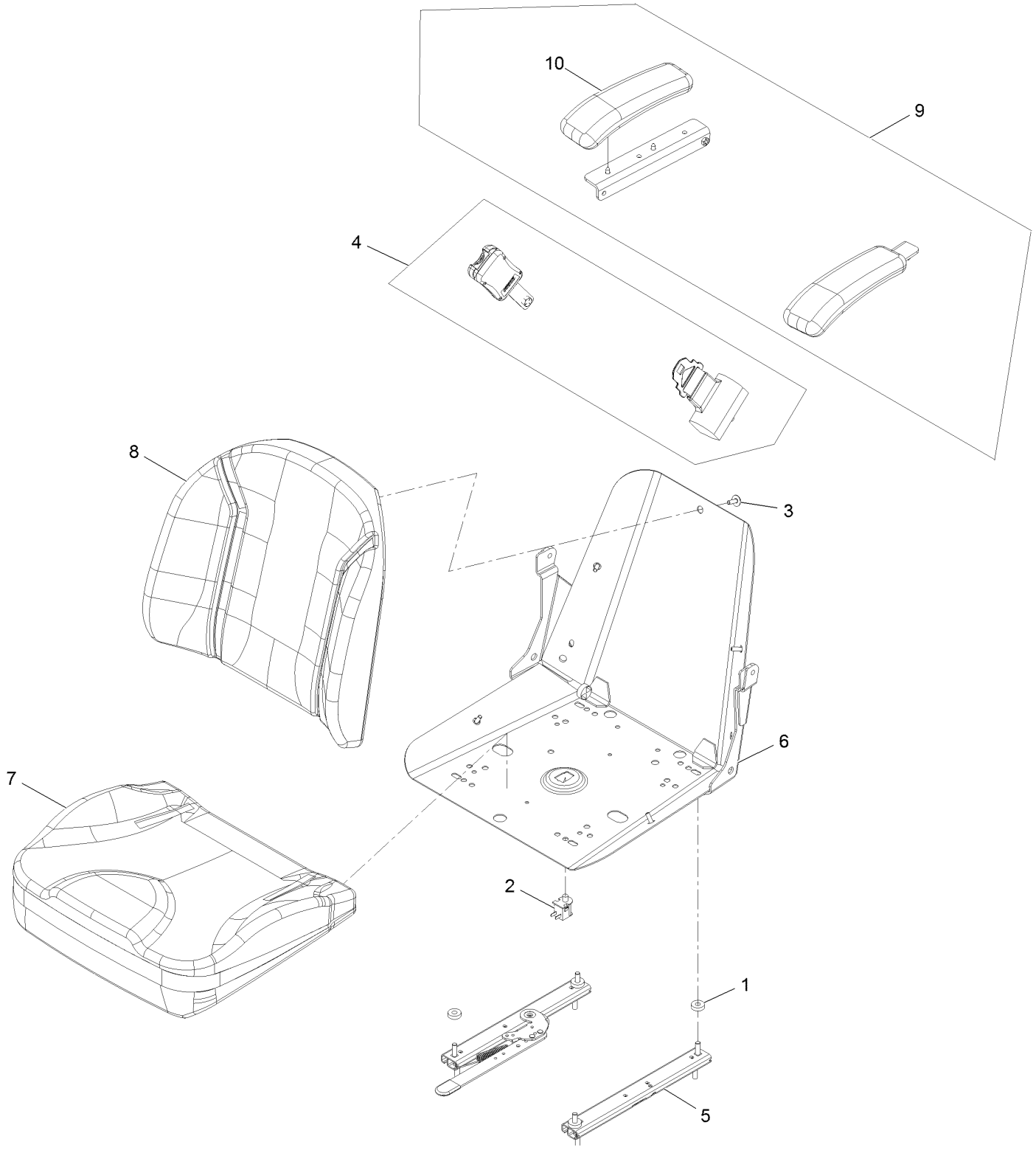
Seat Assembly



Seat Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-4082-03	1	Plate-Retainer, Tank
2	3230-23	4	Bolt-Carriage 5/16-18 X 3/4 Short Neck
3	104-8300	8	Nut-Nyloc 5/16-18 Flg
4	104-1412	3	Bumper-Rubber
5	126-5189-03	1	Plate-Seat, Fixed
12	126-8290	1	ASM-Seat Exmark
20	32144-44	2	Screw-HWH 1/4-20 X 3/4
22	126-9082	1	Decal-Radius Logo
23	126-8151	1	Decal-Aid, Service
26	126-6965	1	Decal-Exmark Logo
29	3256-67	2	Washer-Spcl
30	135-0104	1	Guard, Rubber

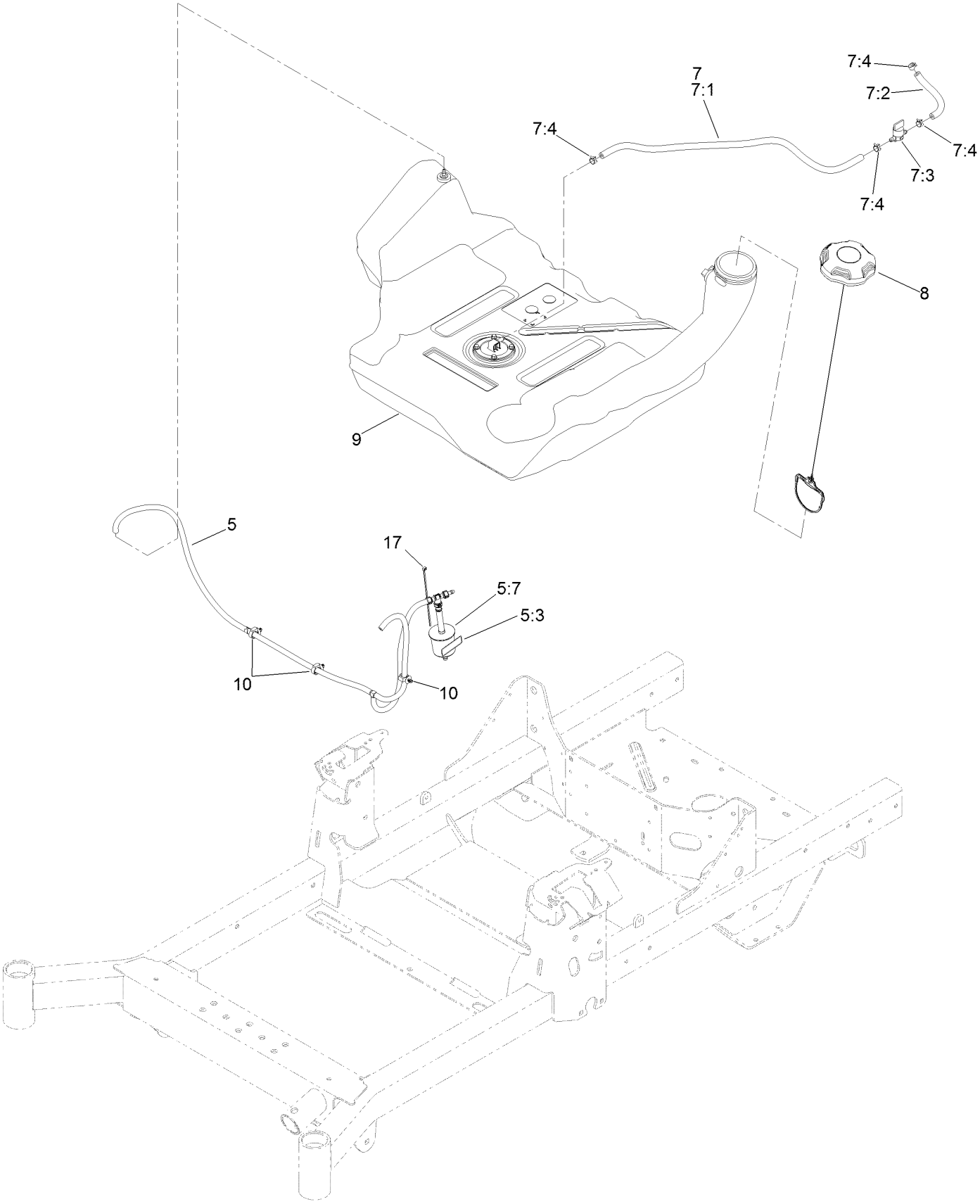
Seat Assembly (cont)



Seat Assembly (cont) (continued)

Ref.	Part Number	Qty.	Description
1	26-4840	4	Spacer-Pin, Mounting
2	82-2190	1	Switch
3	103-8383	5	Screw-HWH 1/4-20 X 3/4 Taptite
4	126-7355	1	Kit-Seat Belt
5	126-4499	1	ASM-Seat Track Svc
6	126-5664	1	Frame-Seat Svc
7	126-5900	1	Cover-Seat Bottom Svc
8	131-4150	1	Cushion-Seat, Back
9	131-4155	1	Armrest Kit
10	110-4163	1	Cushion-Rest, Arm

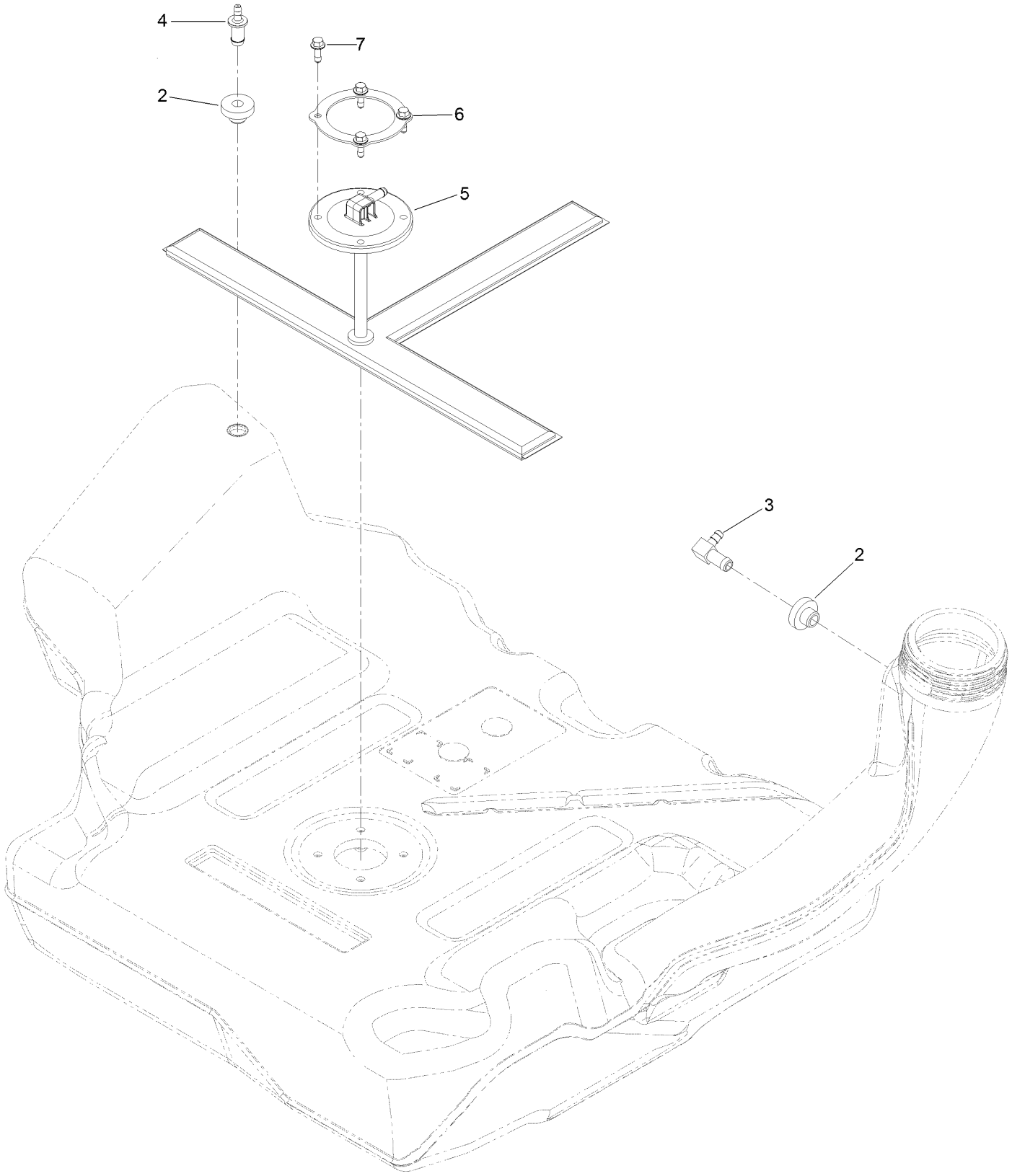
Fuel Tank and Vent Hose System Assembly



Fuel Tank and Vent Hose System Assembly (continued)

Ref.	Part Number	Qty.	Description
5	126-8738	1	Vent Hose ASM
5:3	116-4769	1	Decal-Filter, Emissions
5:7	120-2235	1	Filter-Fuel
7	126-8740	1	Fuel Hose ASM
7:1	109-0302	1	Hose-Fuel
7:2	109-0678	1	Hose-Fuel
7:3	1-603770	1	Valve-Fuel
7:4	2412-98	4	Clamp-Hose
8	126-4723	1	Cap-Fuel
9	126-4724	1	Tank-Fuel
10	126-5523	3	Clip
17	1-303287	1	Tie-Cable

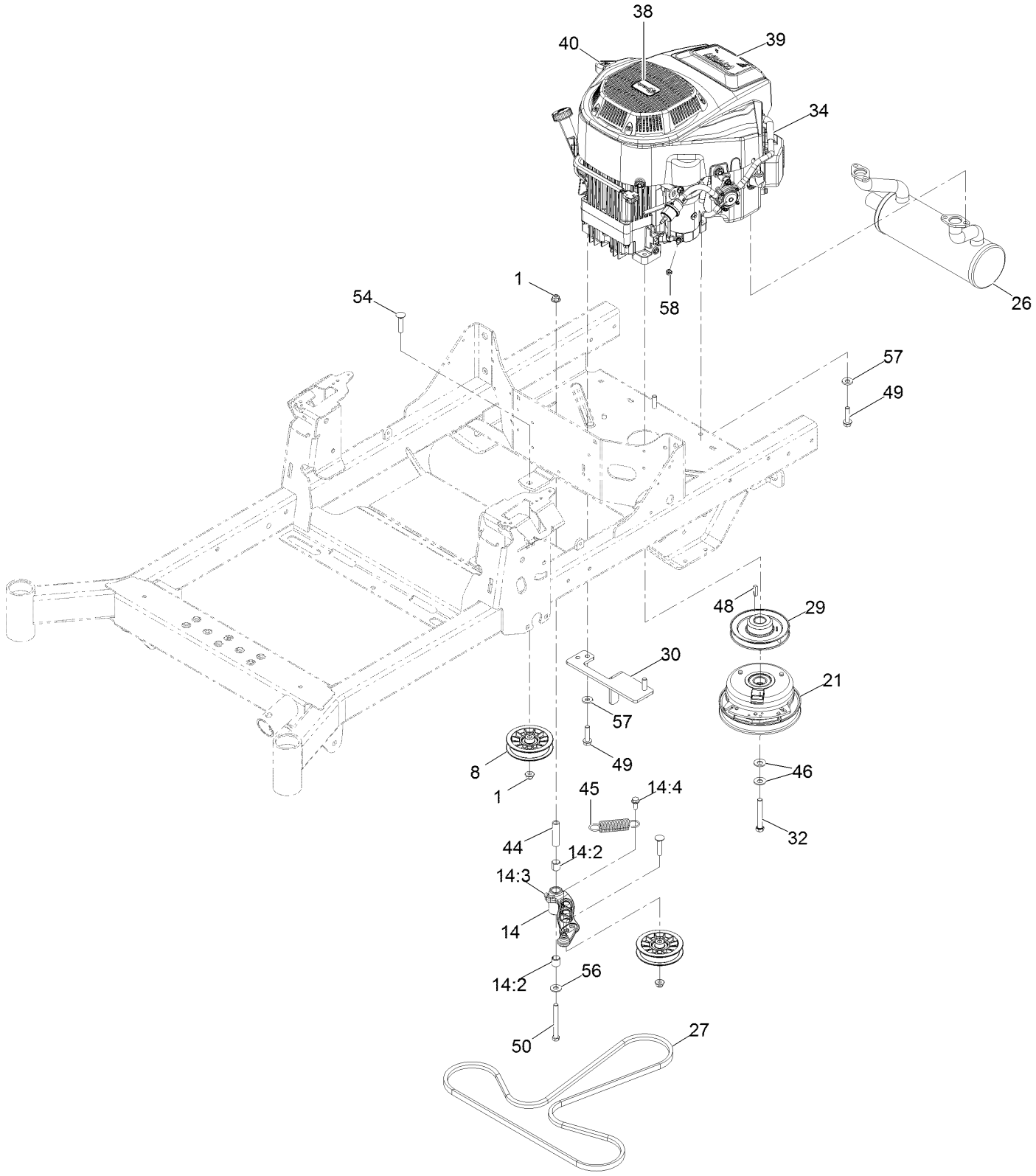
Fuel Tank Assembly (cont.)



Fuel Tank Assembly (cont.) (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
6	126-5527	1	Ring-Retainer
7	126-5525	4	Bolt

Engine Assembly

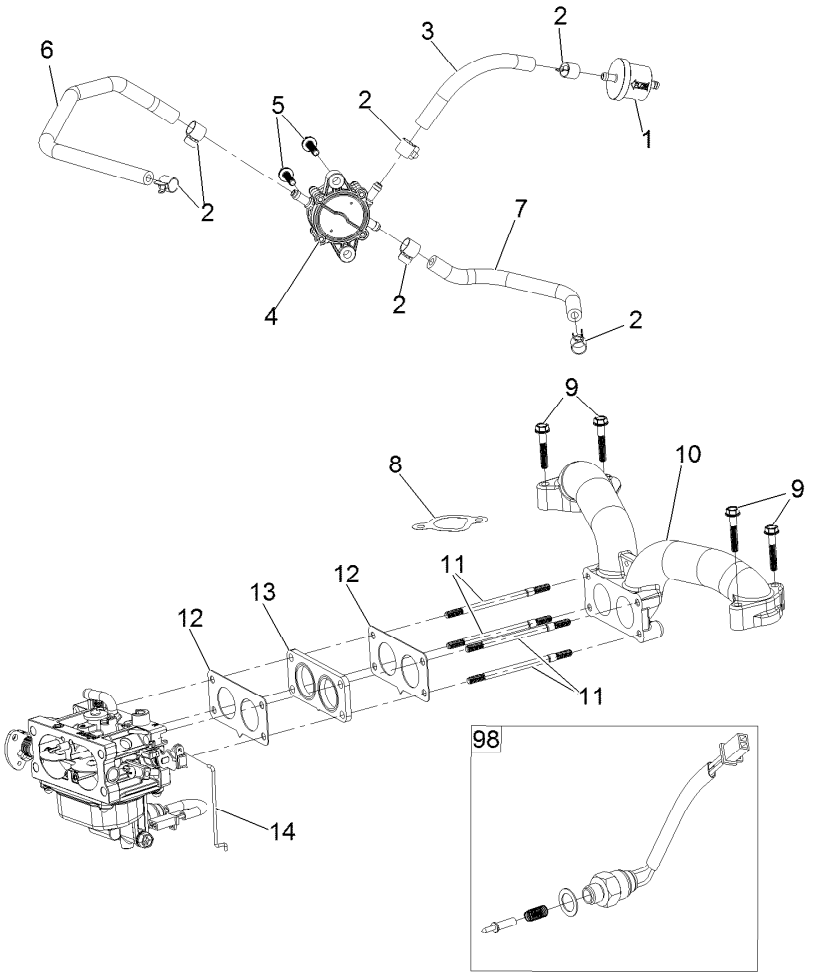


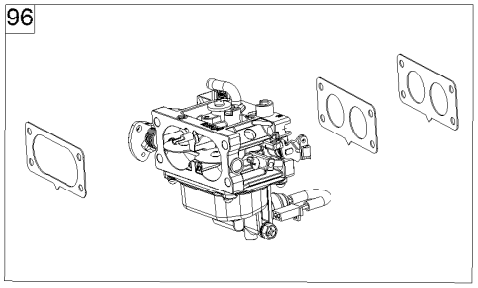
Engine Assembly (continued)

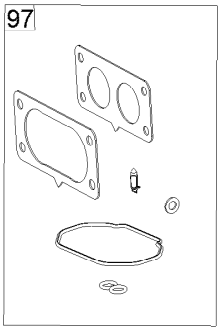
Ref.	Part Number	Qty.	Description
1	104-8301	3	Nut-Nyloc 3/8-16 Flg
8	116-2456	2	Pulley-Flat
14	126-0973	1	Idler Arm ASM
14:2	1-513034	2	Sleeve-Bearing
14:3	302-40	1	Zerk-90° 1/4-28
14:4	32144-11	1	Screw-HWH 5/16-18 X 3/4 Tf
21	126-4323	1	Clutch 1.00
26	126-5864	1	Muffler
27	126-5993	1	Belt-V
29	135-0134	1	Sheave-Engine
30	126-6687-03	1	Anchor-Clutch
32	126-7198	1	Screw-HH W/Loctite ●
34	127-9451	1	Engine-2P77F
38	131-1078	1	Decal
39	126-9111	1	Decal-708Cc V-Twin Engine
40	131-1097	1	Decal-Drain, Oil
44	1-603384	1	Bushing-Pivot, Idler
45	1-603402	1	Spring-Extension
46	1-603610	2	Washer-Spring Disc 7/16
48	1-807259	1	Key-Machine 1/4 X 1/4 X 1
49	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite
50	323-15	1	Screw-HH 3/8-16 X 3 1/2
54	3231-5	2	Bolt-Carriage 3/8-16 X 1 3/4
56	3256-4	1	Washer-3/8 Std
57	98-5975	4	Washer-Spring Disc 3/8
58	33003-00	1	Nut-HF

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

Fuel System Assembly





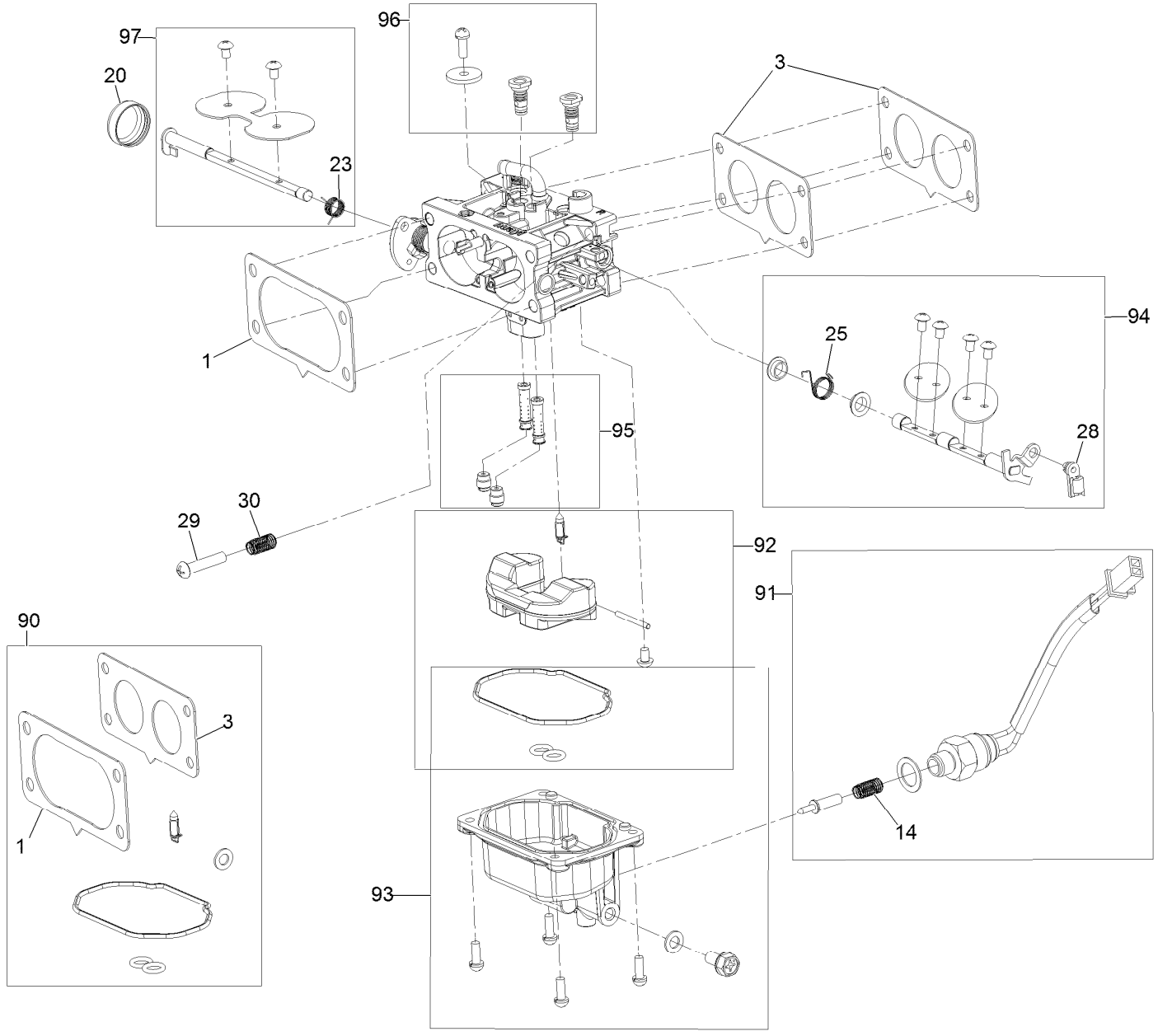


Fuel System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	133-1563	1	Filter-Fuel
2	120-4251	6	Clamp-Fuel Line
3	120-4371	1	Line-Fuel
4	127-9206	1	Pump-Fuel
5	120-4225	2	Screw-HHF
6	127-9205	1	Hose-Fuel
7	127-9207	1	Hose-Fuel
8	127-9230	2	Gasket-Intake
9	120-4284	4	Screw-HHF
10	127-9244	1	Manifold-Intake
11	127-9245	4	Stud
12	127-9246	2	Gasket-Carburetor
13	127-9247	1	Insulator-Carburetor
14	127-9248	1	Linkage-Throttle
96	133-9808	1	Carburetor Replacement Kit
97	127-9290	1	Carburetor Repair Kit
98	127-9292	1	Solenoid Kit
99	133-9833	1	High Altitude Kit ●

● Not illustrated

Carburetor Assembly

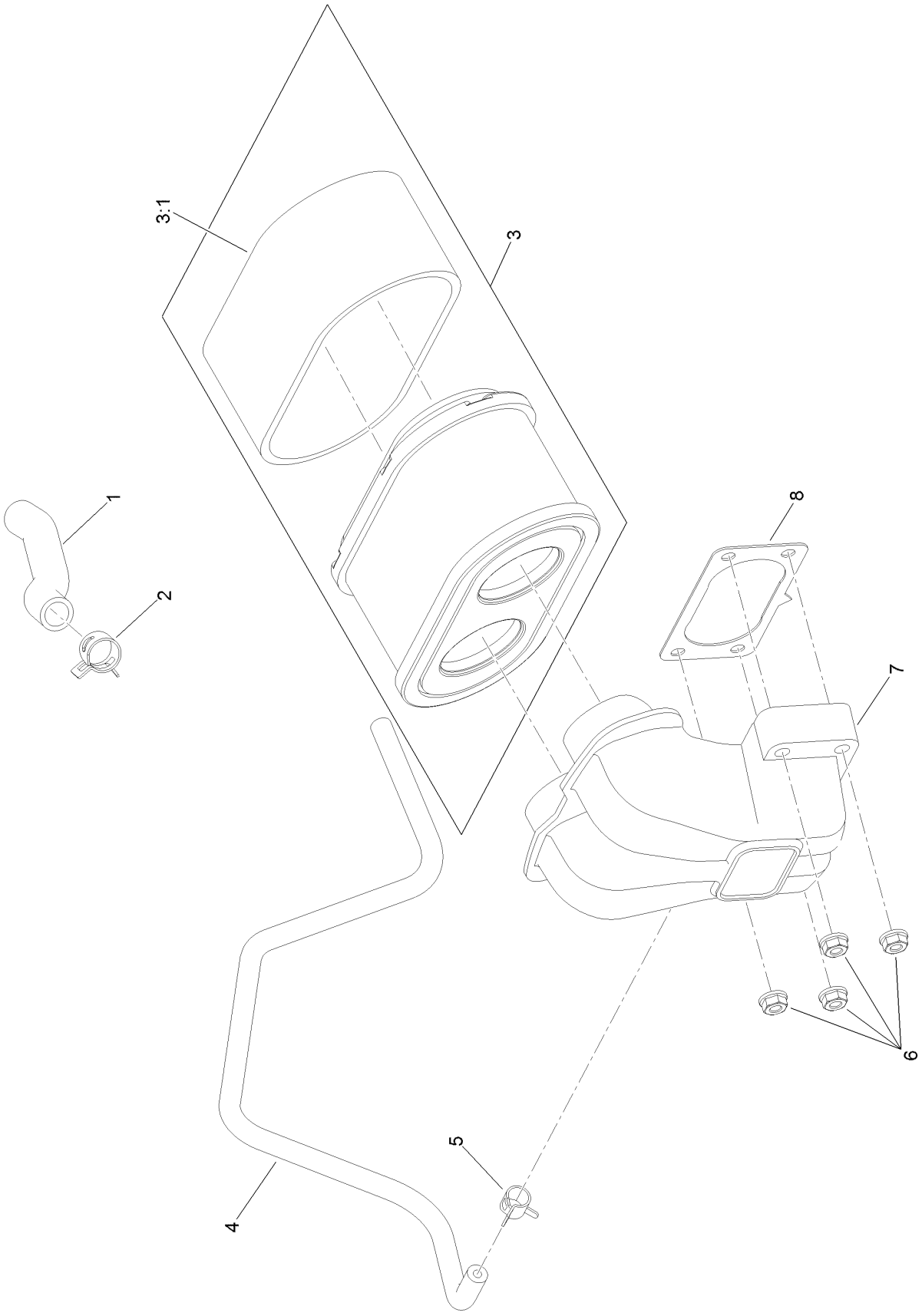


Carburetor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-9251	1	Gasket-Carburetor
3	127-9246	2	Gasket-Carburetor
14	127-9319	1	Spring
20	127-9325	1	Cover-Shaft, Choke
23	127-9328	1	Spring
25	127-9330	1	Spring
28	127-9333	1	Clamp-Lock
29	127-9334	1	Screw-PPH
30	127-9335	1	Spring

Ref.	Part Number	Qty.	Description
90	127-9290	1	Carburetor Repair Kit
91	127-9292	1	Solenoid Kit
92	127-9340	1	Float Kit
93	127-9341	1	Bowl Kit
94	133-9817	1	Throttle Shaft Kit
95	133-9818	1	Nozzle And Jet Kit
96	133-9812	1	Air Jet Kit
97	127-9345	1	Choke Shaft Kit

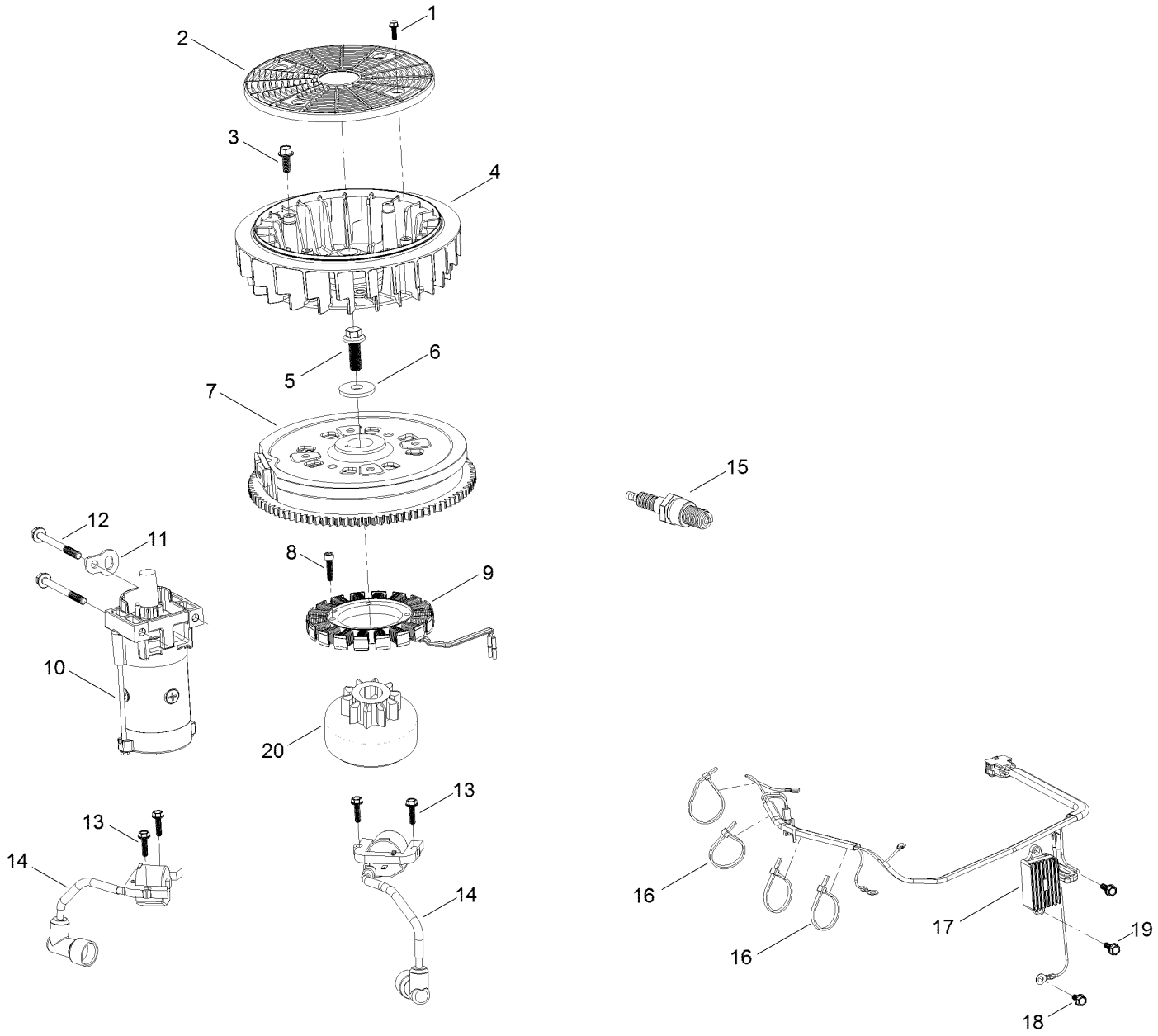
Air Intake and Filtration Assembly

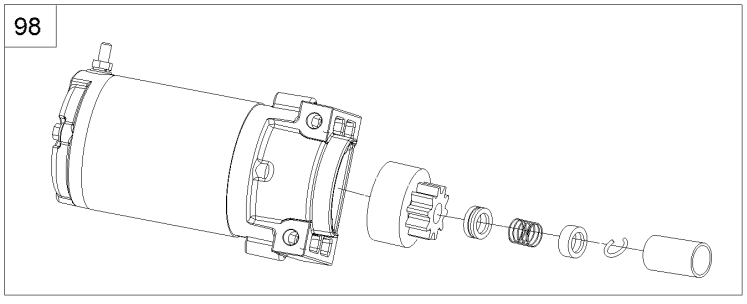


Air Intake and Filtration Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-9235	1	Tube-Breather
2	127-9234	2	Clamp-Hose
3	127-9252	1	Filter-Air, Complete
3:1	127-9288	1	Filter-Pre, Foam
4	127-9253	1	Hose-Fuel
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 Electrical Assembly

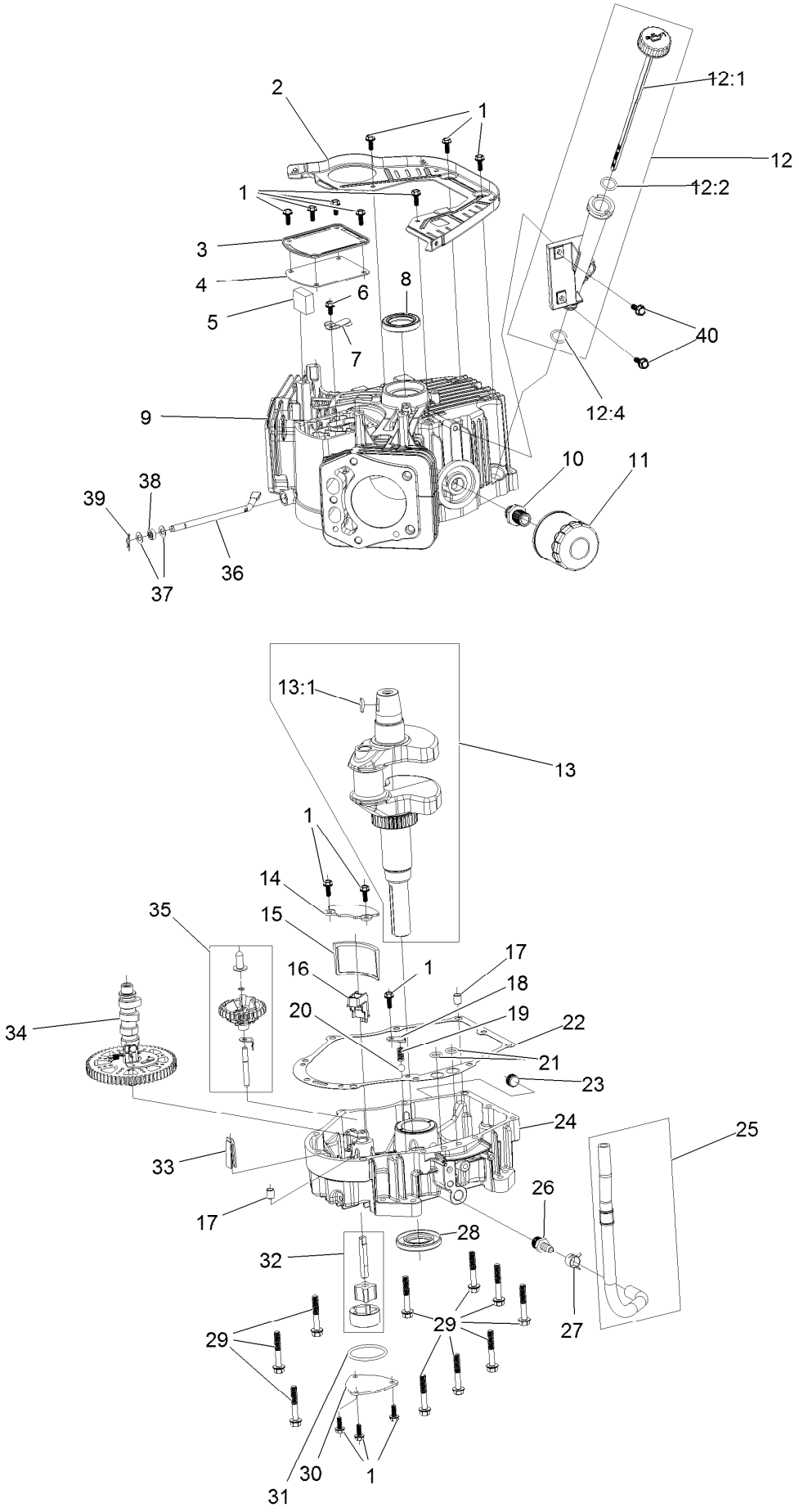




Ignition and Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-9197	4	Screw-HWH
2	127-9198	1	Screen-Rotating
3	127-9199	4	Screw-HWH
4	127-9200	1	Fan-Cooling
5	127-9201	1	Screw-HWH
6	127-9202	1	Washer-Flat
7	127-9306	1	Flywheel
8	127-9210	4	Screw-HSH
9	127-9211	1	Alternator
10	133-9828	1	Motor-Starter
11	127-9208	1	Bracket-Lift
12	120-4231	2	Screw-HHF
13	121-0007	4	Bolt-Flange
14	127-9216	2	Ignition Coil ASM
15	81-3250	2	Spark Plug
16	127-9220	4	Tie-Zip
17	127-9219	1	Regulator-Voltage W/Harness
18	120-4216	1	Screw-HHF
19	120-4232	2	Screw-HHF
20	133-1562	1	Pinion-Starter
98	133-1566	1	Starter Repair Kit

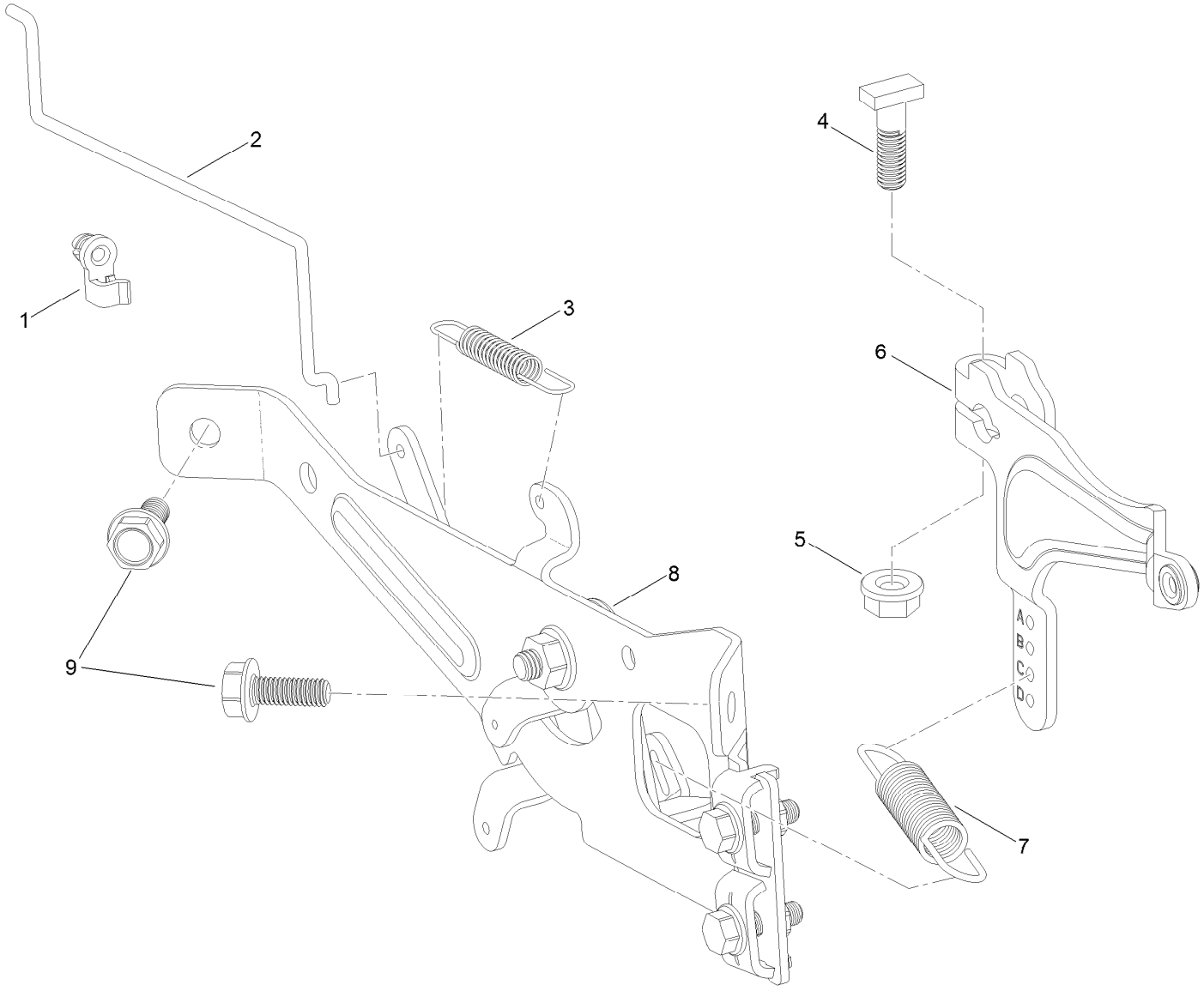
Crankcase and Crankshaft Assembly



Crankcase and Crankshaft Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-4232	14	Screw-HHF
2	127-9212	1	Baffle
3	127-9213	1	Cover-Breather
4	127-9214	1	Gasket-Breather
5	127-9215	1	Filter-Breather
6	120-4216	1	Screw-HHF
7	127-9217	1	Valve-Breather
8	120-4267	1	Seal-Oil
9	127-9223	1	Crankcase
10	120-4346	1	Adaptor-Filter, Oil
11	120-4276	1	Filter-Oil
12	127-9218	1	Oil Tube ASM
12:1	127-9283	1	Dipstick
12:2	127-9284	1	O-Ring
12:4	127-9286	1	O-Ring
13	127-9255	1	Crankshaft
13:1	120-4320	1	Key-Woodruff
14	127-9261	1	Cover-Screen, Oil
15	127-9262	1	Screen-Oil
16	127-9263	1	Retainer-Screen
17	120-4274	2	Pin-Dowel
18	127-9264	1	Plate-Retainer
19	127-9265	1	Spring
20	127-9266	1	Valve-Ball
21	120-4262	2	O-Ring
22	127-9267	1	Gasket-Cover, Crankcase
23	133-9805	1	Plug-Drain
24	133-9806	1	Cover-Crankcase
25	127-9293	1	Oil Drain Hose ASM
26	127-9275	1	Fitting-Hose
27	127-9276	1	Clamp-Hose
28	127-9271	1	Seal
29	121-0473	10	Screw-HHF
30	127-9274	1	Cover-Oil Pump
31	127-9273	1	O-Ring
32	127-9272	1	Oil Pump ASM
33	120-4275	1	Deflector-Oil, Rubber
34	133-1568	1	Camshaft
35	133-9807	1	Governor ASM
36	127-9238	1	Rod-Governor
37	120-4258	2	Washer-Plain
38	120-4257	1	Seal-Oil
39	120-4256	1	Pin-Hair
40	120-4232	2	Screw-HHF

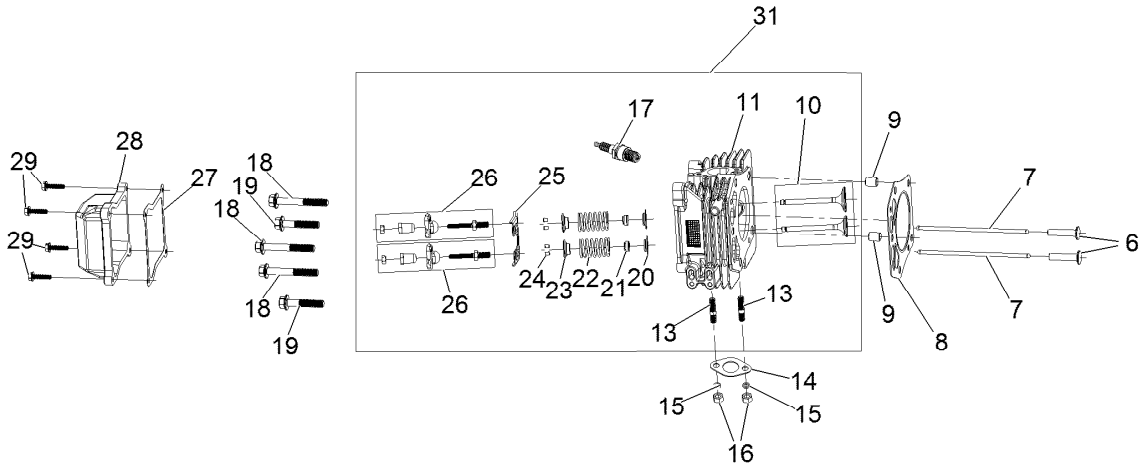
Governor Control Assembly

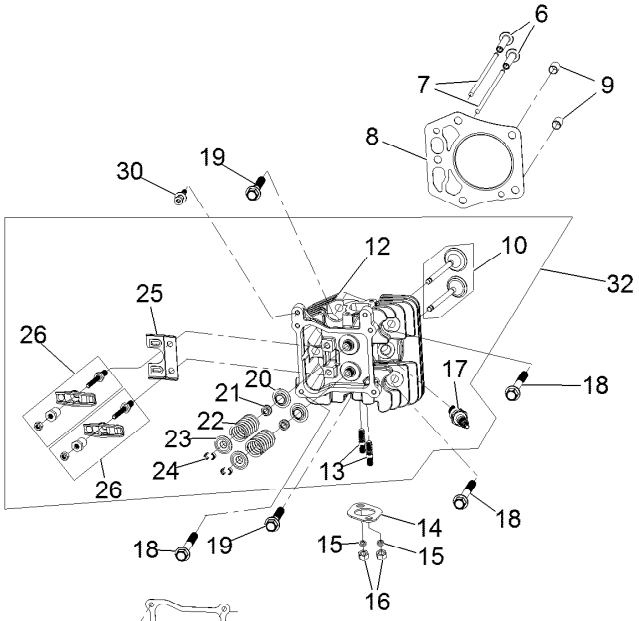


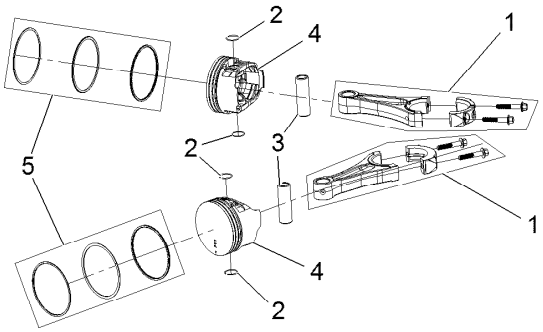
Governor Control Assembly (continued)

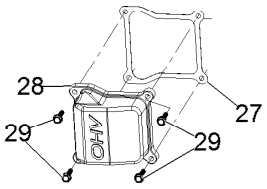
Ref.	Part Number	Qty.	Description
1	127-9250	1	Clip-Linkage
2	127-9242	1	Linkage-Choke
3	127-9241	1	Spring-Governor
4	120-4238	1	Bolt-Arm, Governor
5	120-4236	1	Nut-Flange
6	127-9239	1	Arm-Governor
7	133-9809	1	Spring-Governor
8	133-1570	1	Control Plate ASM
9	120-4232	2	Screw-HHF

Piston and Cylinder Head Assembly





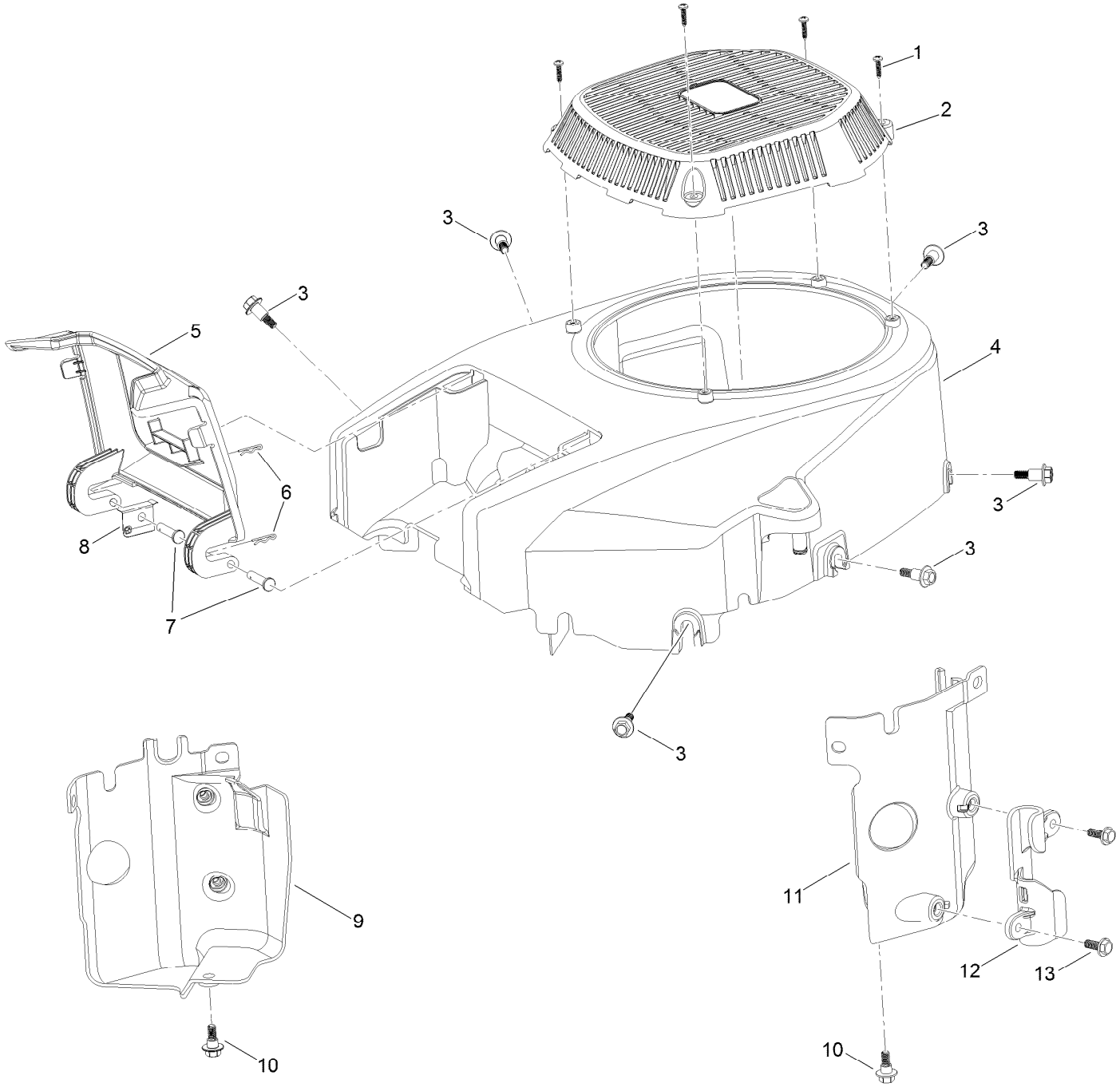




Piston and Cylinder Head Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-9256	2	Connecting Rod ASM
2	127-9258	4	Clip-Pin, Piston
3	127-9257	2	Pin-Piston
4	127-9259	2	Piston
5	127-9260	2	Piston Ring Set
6	127-9224	4	Lifter-Valve
7	127-9225	4	Rod-Push
8	127-9226	2	Gasket-Head, Cylinder
9	127-9227	4	Pin-Dowel
10	127-9228	2	Valve Set
11	133-9802	1	Head-Cylinder, Right
12	133-9804	1	Head-Cylinder, Left
13	121-0464	4	Stud-Exhaust
14	120-4317	2	Gasket-Exhaust
15	127-9279	4	Washer-Lock, Split
16	121-0199	4	Nut-HH
17	81-3250	2	Spark Plug
18	127-9231	6	Screw-HWH
19	127-9232	4	Screw-HWH
20	120-4303	4	Seat-Spring, Valve
21	120-4304	4	Seal-Stem, Valve
22	120-4305	4	Spring-Valve
23	120-4306	4	Retainer-Spring, Valve
24	120-4307	8	Keeper-Valve
25	127-9233	2	Plate-Guide, Push Rod
26	127-9294	4	Rocker Arm ASM
27	127-9295	2	Gasket-Valve Cover
28	127-9050	2	Cover-Valve
29	120-4225	8	Screw-HHF
30	120-4214	1	Screw-Shoulder, HH
31	133-9819	1	Right Head ASM
32	133-9820	1	Left Head ASM

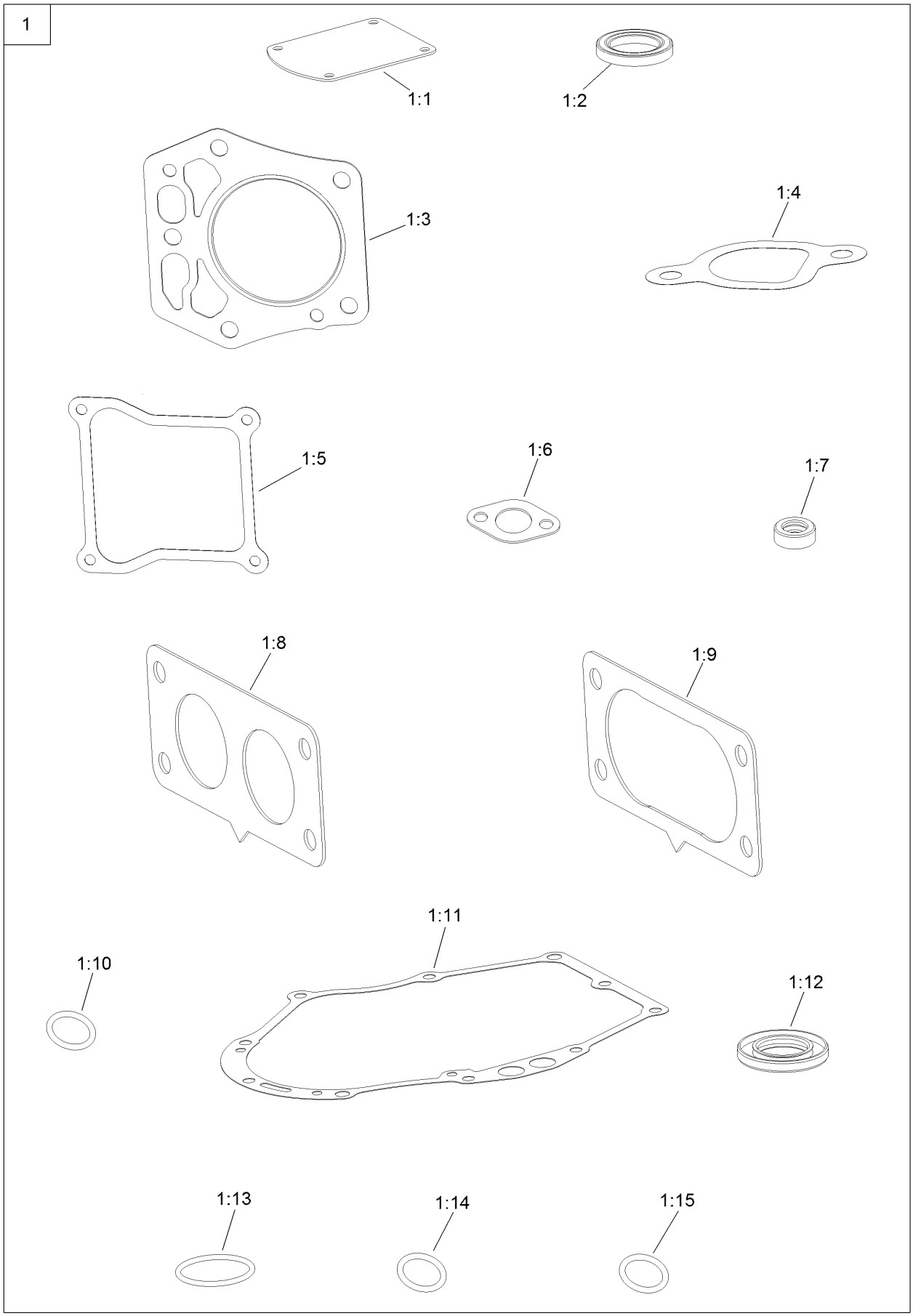
Blower Housing Assembly



Blower Housing Assembly (continued)

Ref.	Part Number	Qty.	Description
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
8	127-9281	1	Plate-Spring
9	127-9049	1	Baffle-Air, Left
10	120-4210	2	Screw-Shoulder, HHF
11	127-9048	1	Baffle-Air, Right
12	127-9287	1	Cleat-Hose
13	120-4232	2	Screw-HHF

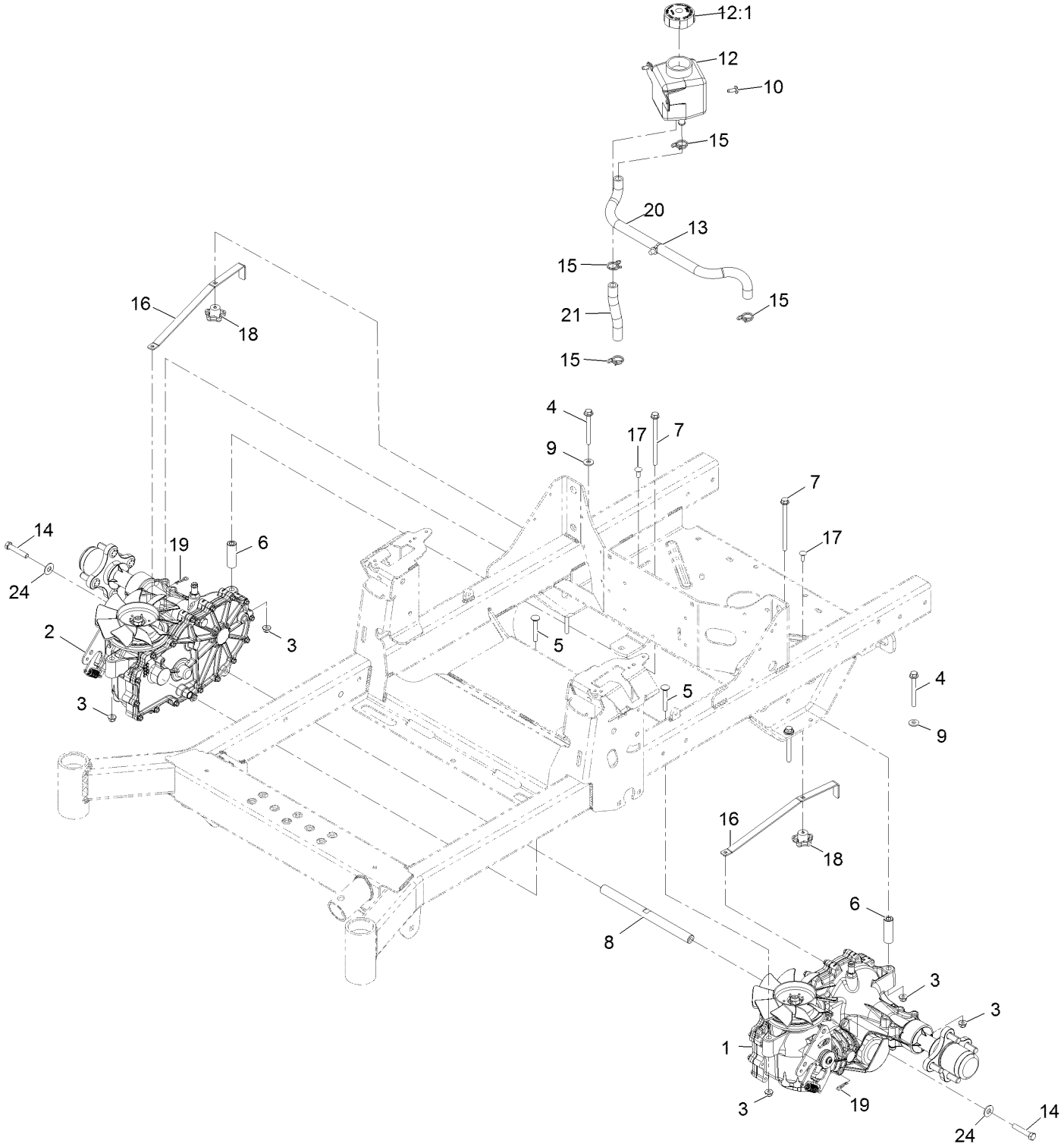
Gasket and Seal Kit



Gasket and Seal Kit (continued)

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

Hydro Transaxle Drive Assembly

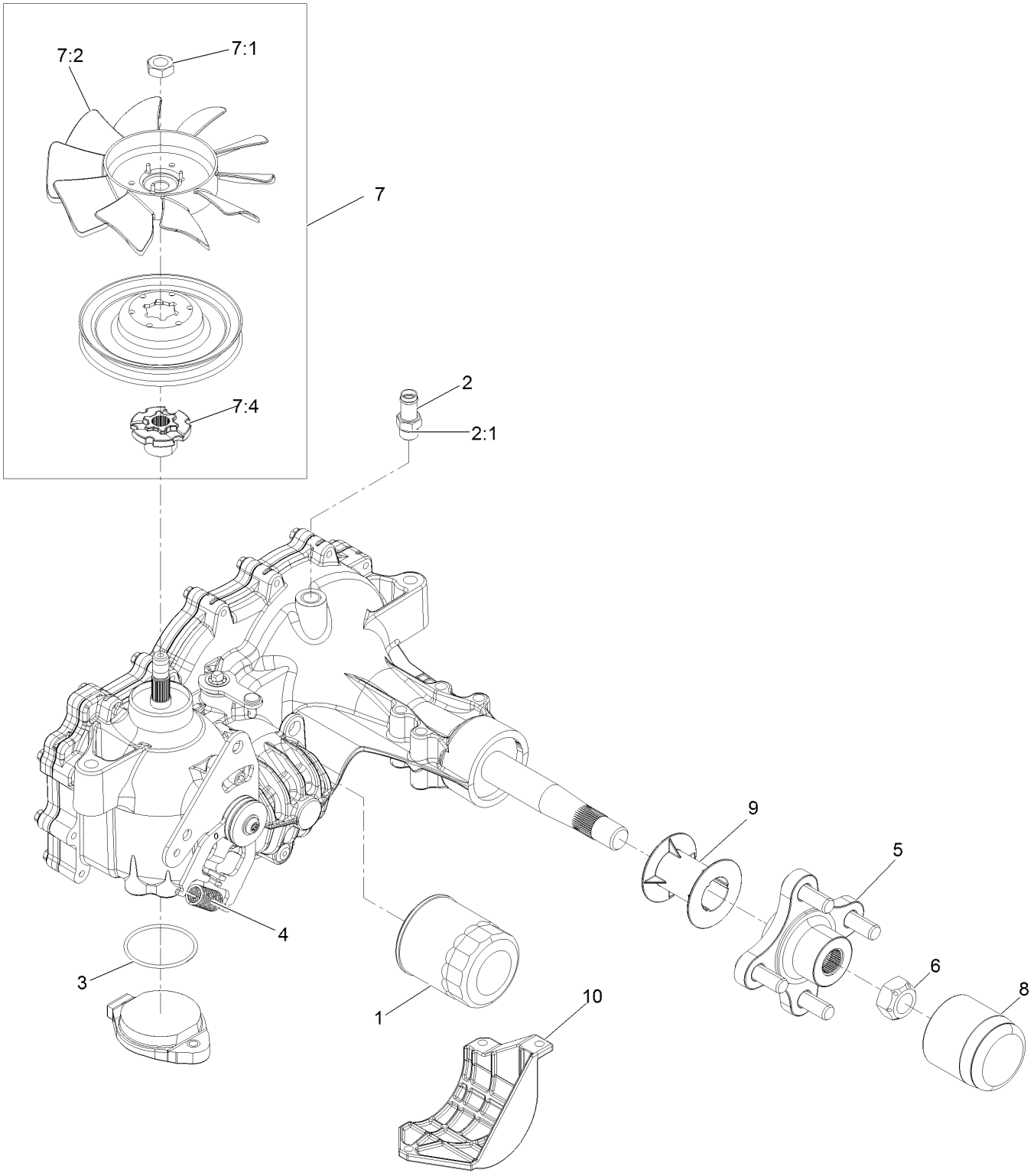


Hydro Transaxle Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-4882	1	Transaxle ASM LH
2	126-4883	1	Transaxle ASM RH
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	Vent-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

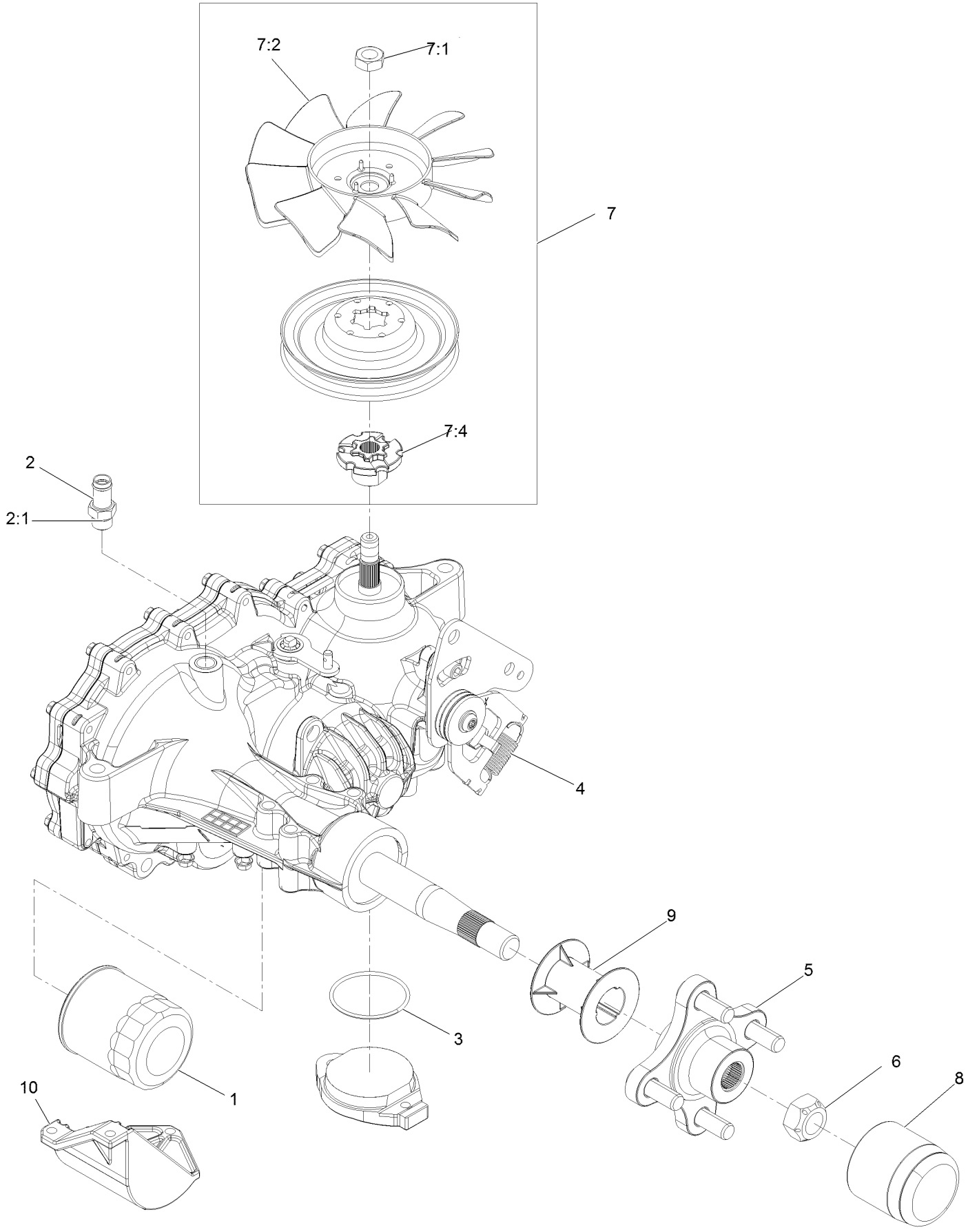


LH Transaxle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	109-3321	1	Filter-Hydraulic
2	109-3278	1	Adapter-Straight
2:1	237-42	1	O-Ring
3	109-3540	1	O-Ring-Charge Seal Cover
4	109-5592	1	Spring
5	116-3872	1	Hub-Offset
6	109-3536	1	Nut-Hub
7	125-0059	1	Fan And Pulley Kit
7:1	116-9714	1	Nut-HJ
7:2	126-0226	1	Fan
7:4	116-9705	1	Hub-Pulley
8	116-6214	1	Cap-Axle, Long
9	116-6213	1	Tube-Axle
10	120-7979	1	Guard-Filter, LH
99	109-3537	1	Seal Kit ●

● Not illustrated

RH Transaxle Assembly

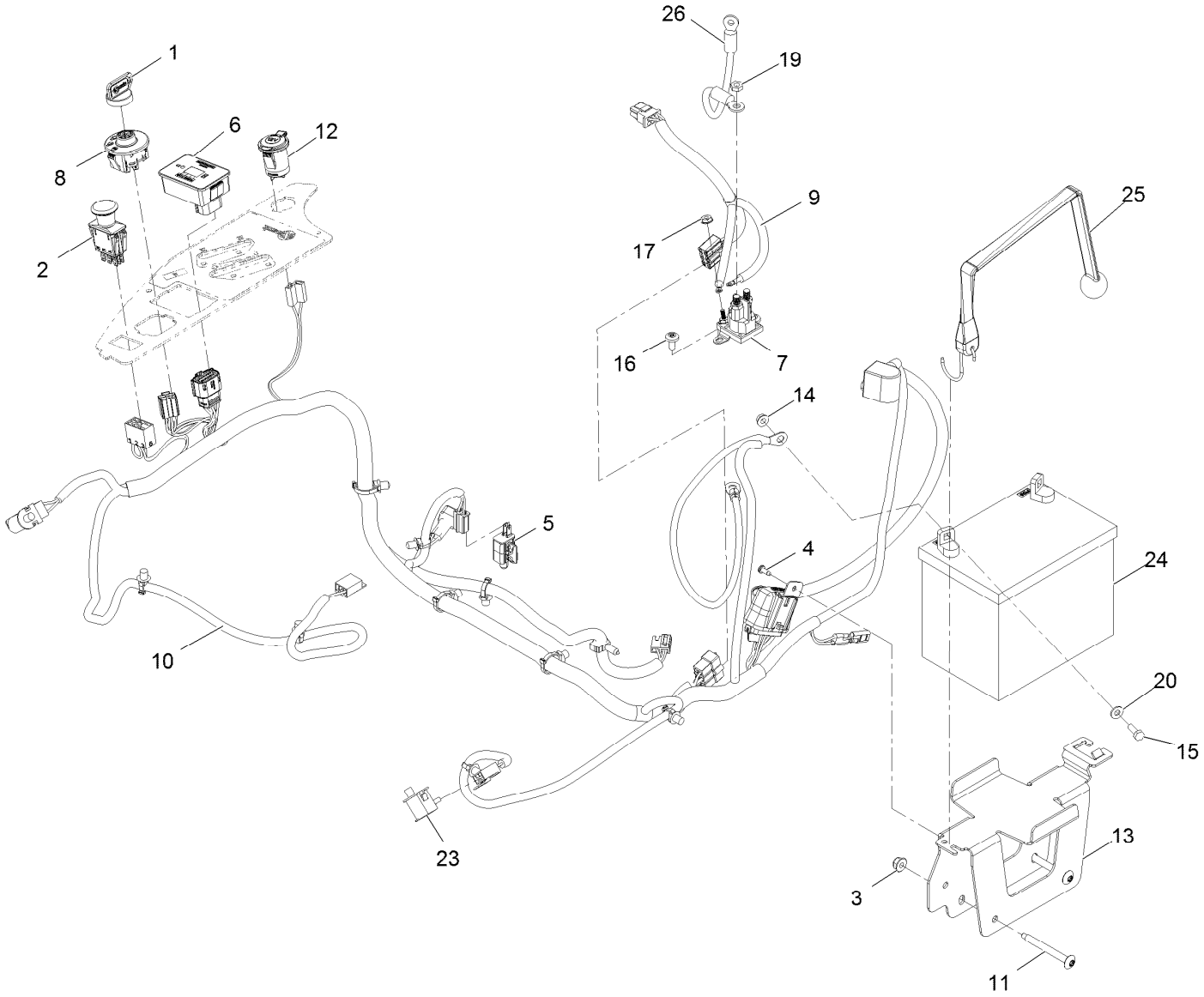


RH Transaxle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	109-3321	1	Filter-Hydraulic
2	109-3278	1	Adapter-Straight
2:1	237-42	1	O-Ring
3	109-3540	1	O-Ring-Charge Seal Cover
4	109-5592	1	Spring
5	116-3872	1	Hub-Offset
6	109-3536	1	Nut-Hub
7	125-0059	1	Fan And Pulley Kit
7:1	116-9714	1	Nut-HJ
7:2	126-0226	1	Fan
7:4	116-9705	1	Hub-Pulley
8	116-6214	1	Cap-Axle, Long
9	116-6213	1	Tube-Axle
10	120-7981	1	Guard-Filter, RH
99	109-3537	1	Seal Kit ●

● Not illustrated

Electrical Assembly



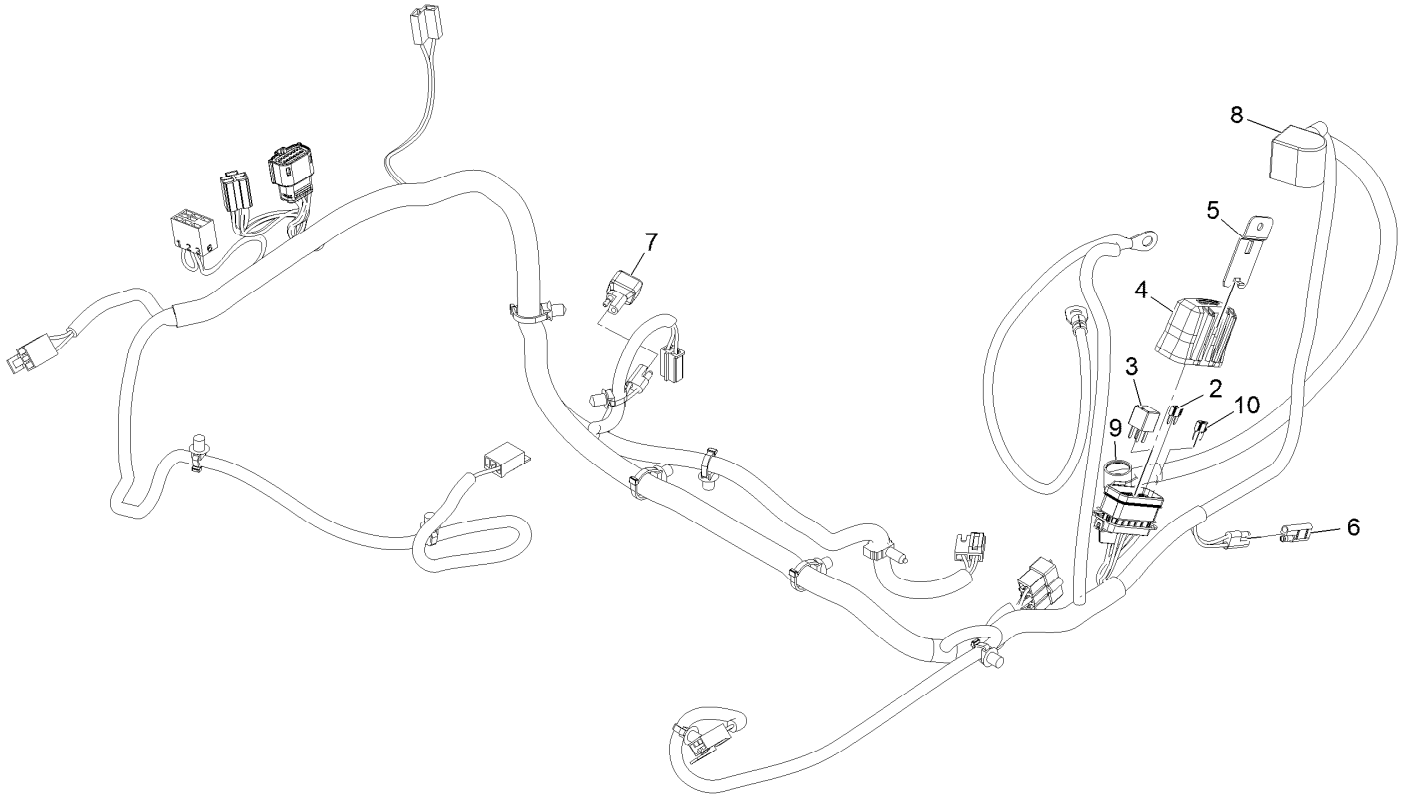
Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-603511	1	Key-Ignition
1	103-2106	1	Key-Exmark Logo
2	103-5221	1	Switch-PTO
3	104-8300	2	Nut-Nyloc 5/16-18 Flg
4	105-6849	1	Screw-Tph #10-24 X 1/2 Tf
5	110-6765	1	Switch
6	116-5609	1	Module ASM
7	117-1197	1	Solenoid
8	117-2221	1	Switch-Ignition
9	126-5036	1	Adapter-Harness, Wire
10	126-5803	1	Harness-Wire ■
11	126-6267	2	Screw-Truss HD 5/16-18 X 2 3/4 Torx Plus
12	126-6499	1	Port-Power, 12V
13	126-6725-03	1	Tray-Battery
14	32128-33	2	Nut-Whizlock 1/4-20
15	321-4	2	Screw-HH 1/4-20 X 3/4
16	126-6266	2	Screw-1/4-20 X .65 Torx Plus
17	32149-8	2	Nut-Keps 10-32 Unf Yz
19	3220-2	1	Nut-Jam 5/16-24
20	3256-22	2	Washer-1/4 SAE
23	82-2190	2	Switch
24		1	Battery (300 CCA, Wet) ●
25	126-7627	1	Strap-Bungee
26	100-3540	1	Cable-Battery, Positive

● Not serviced separately

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

Harness Assembly



Harness Assembly (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

Notes:

Notes:

Notes:

MAXIMIZE THE PERFORMANCE OF YOUR EXMARK MACHINE.



EXMARK® PREMIUM ENGINE OIL

Exmark now offers a family of engine oil viscosities to perform well in any environment. Each viscosity has the same synthetic formulation to give you what you need in punishing conditions. We designed each grade to the highest quality, making it ideal even for diesel applications. Coupled with Exmark Premium Fuel Treatment, we have the performance products to make your machine hum.

EXMARK PREMIUM ENGINE OIL SAE 30/10W-30

- Meets zero shear requirements of a straight grade SAE 30 as well as the cold temp properties of a 10W-30.
- Most versatile oil in the industry.
- Superior corrosion protection over conventional oil - even in corrosive, humid environments.

EXMARK PREMIUM ENGINE OIL SAE 10W-50

- Full synthetic formulation gives you peak performance. Don't settle for less.
- Wide span multi-grade combines easy starting in cold weather with maximum protection in high temperature operation.
- Reduce friction & wear over standard mineral formulations.

EXMARK PREMIUM ENGINE OIL UTV FORMULATION

- 4-cycle high-temp formulation.
- Heavier viscosity, full synthetic, perfect for your UTV.

EXMARK PREMIUM ENGINE OIL SAE 20W-50

- Perfect for your big block engine, or any application in severe service.
- Same full synthetic formulation as all other Exmark Premium viscosities.
- Also effective for use in severe service small block engines.

EXMARK PREMIUM ENGINE OIL SAE 0W-40

- The perfect choice for when the weather turns cold or unpredictable, and your Exmark UTV has to perform.
- Commercial quality for severe service.
- Advanced additive package helps prevent corrosion from long-term storage.

EXMARK PREMIUM UTV EXTREME CONDITIONS GEAR OIL

- SAE 80W-90, designed to keep your UTV performing at its peak.
- Shear stable, hypoid gear lube.
- Includes a premium additive system to combat wear, oxidation, rust & corrosion.

Available from your local Exmark dealer. Find your closest dealer at exmark.com

EXMARK ACCESSORIES AND OPTIONS*

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM
FULL SUSPENSION SEAT
DECK LIFT ASSIST KIT
HITCH KIT
LIGHT KIT
12V POWER PORT
MICRO-MULCH SYSTEM
OPERATOR CONTROLLED DISCHARGE
SUN SHADE
TRASH CONTAINER
TURF STRIPER
ULTRA VAC COLLECTION SYSTEM
ULTRA VAC QUICK DISPOSAL SYSTEM

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

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

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER
MICRO-MULCH SYSTEM
TURF STRIPER
STANDON

*Some accessories and options not available for some models.

Place Model No. and Serial No. Label Here (Included in the Literature Pack) or Fill in Below

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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