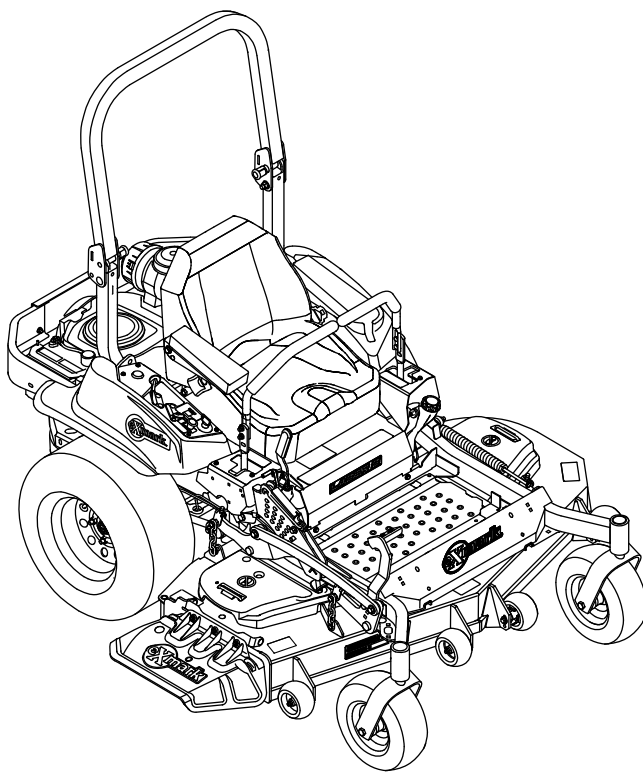




LAZER Z[®] E-SERIES

Model No. LZE810GBV604A3—Serial No. 411294212 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

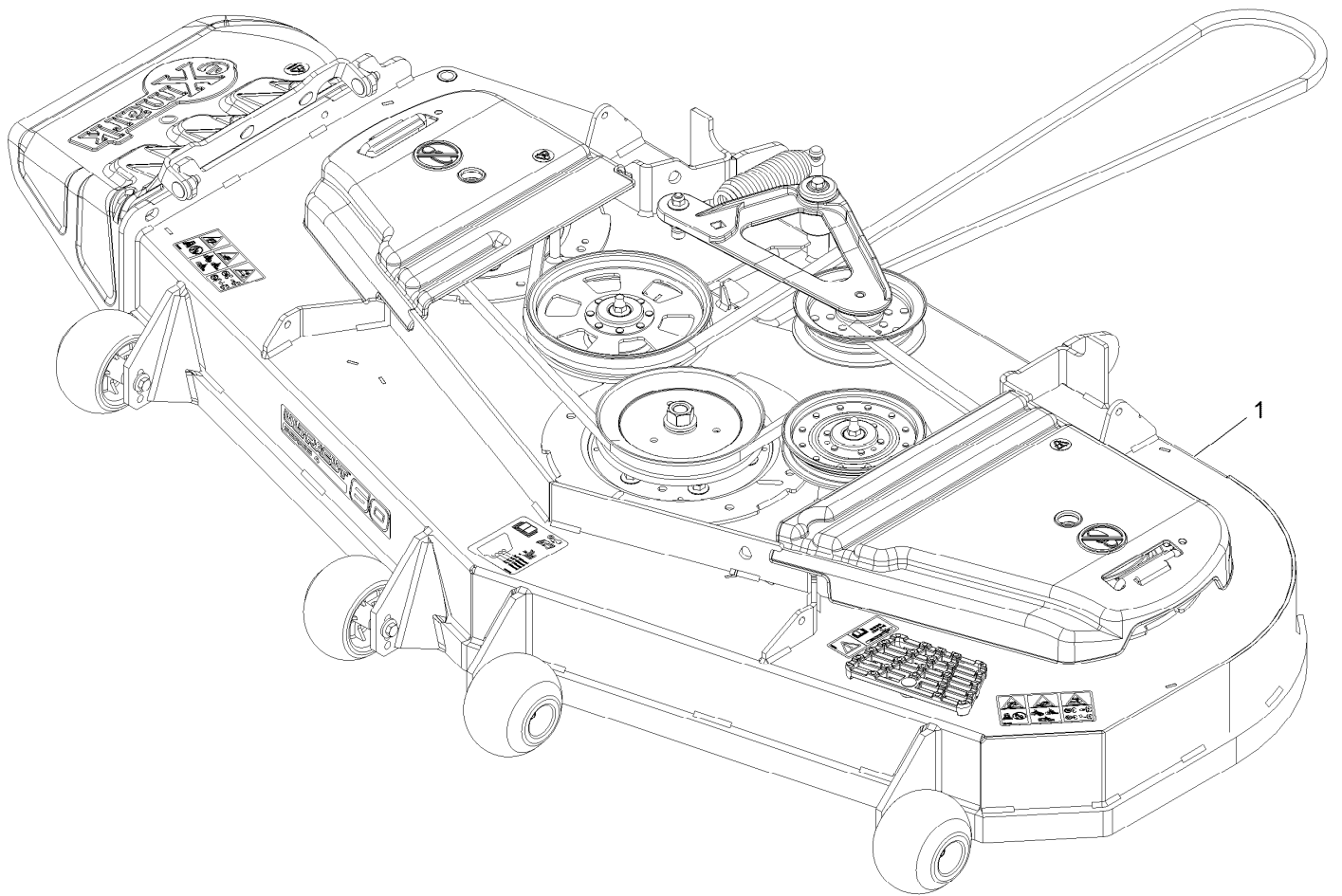
Exmark black touch up spray paint – gloss black.

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

Contents

Complete Deck Assembly	4
Deck Assembly	6
Deck W/Decals Assembly No. 116-4232	8
Idler Assembly	10
Main Frame Assembly	12
E-Series Decal	14
Roll-Over Protection System	16
Roll-Over Protection System Assembly	18
Front Caster and Fork Assembly	20
Caster Wheel Assembly	22
Deck Lift Assembly	24
Height-of-Cut Assembly No. 109-7438	26
Console Assembly	28
Motion Control Assembly	30
Rear Wheel Assembly	32
Park Brake Assembly	34
Seat Assembly	36
Seat Assembly (cont.)	38
Fuel Assembly	40
Fuel Tank Assembly	42
Engine Assembly	44
Hydraulic Assembly	46
LH Hydro Assembly No. 135-7903	48
RH Hydro Assembly No. 135-7904	50
Pump Idler Assembly No. 116-1255	52
Electrical Assembly	54

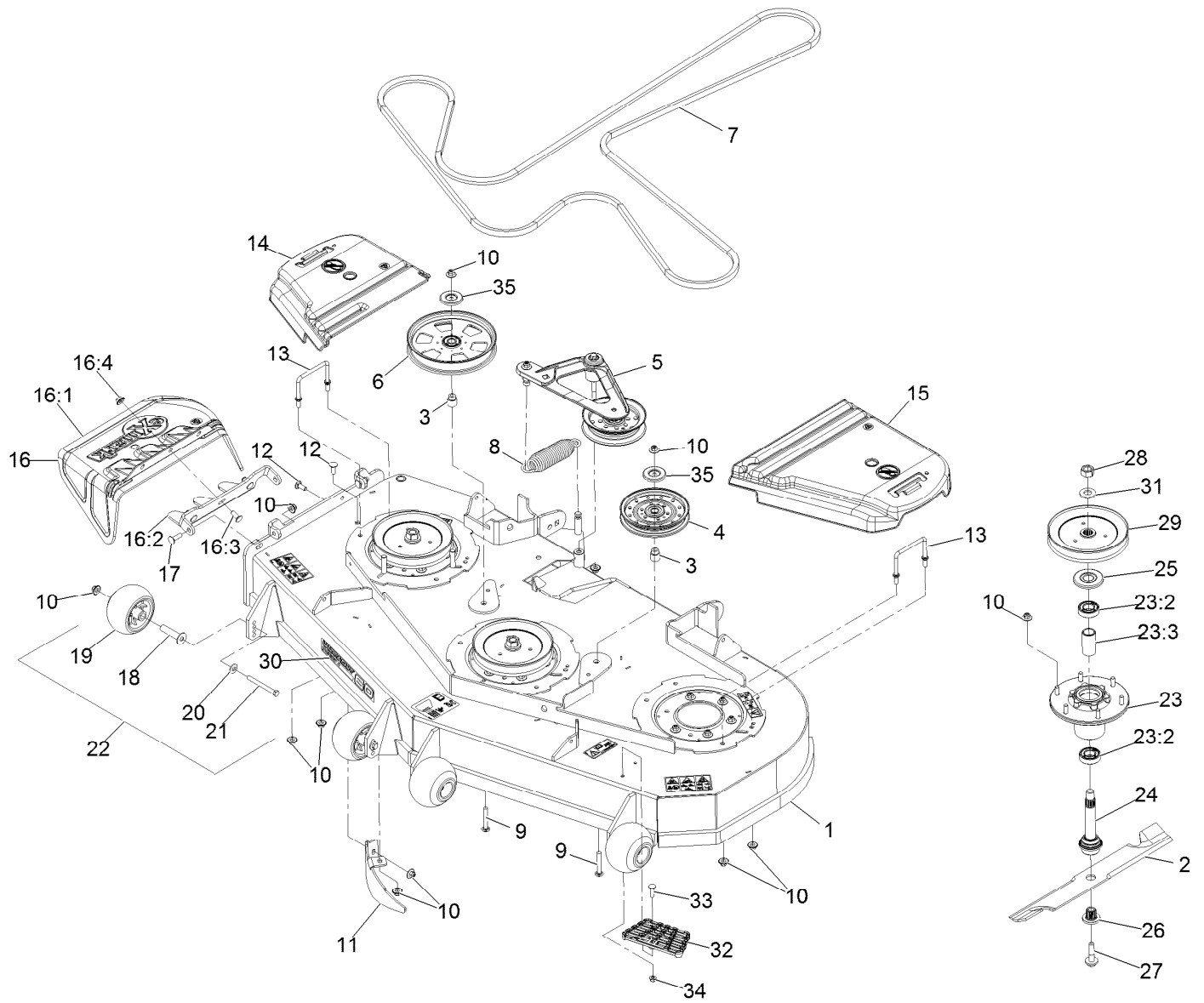
Complete Deck Assembly



Complete Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-3599	1	ASM,604 Deck Complete

Deck Assembly



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	116-4232	1	Deck ASM,W/Decals 60	18	116-8131	4	Axle, Roller
2	103-6383	3	Blade, Solid ●	19	103-8415	4	Roller-Anti-Scalp
2	103-6388	3	Blade, Low Lift ●	20	98-5975	4	Washer-Spring Disc 3/8
2	103-6393	3	Blade, Mulching ◆	21	116-9362	4	Screw-HH 3/8-16 X 3 3/4 GR 8
2	103-6403	3	Blade, Notched	22	116-9981	3	Kit, Anti-Scalp Roller
2	116-5174	3	Blade-Extreme 2, 20.50" ●	23	116-3344	3	ASM-Cutter Hsg With Bearings
3	1-633456	2	Bushing, Idler	23:2	116-0720	2	Bearing-Ball
4	126-7685	1	Idler-Pulley	23:3	116-3312	1	Spacer-Bearing
5	116-3755	1	Deck Idler ASM	24	116-3341	3	ASM-Spindle And Seal
6	116-9639	1	Pulley-Idler, Flat	25	116-1286	3	Guard,Bearing Top .989
7	135-5774	1	Belt,V-5V-198.75	26	103-3037	3	Bushing, Splined
8	116-6317	1	Spring-Extension	27	109-9220	3	Screw-Sems 1/2-20 X 2.19 ■ □
9	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2	28	116-7306	3	Nut-Hex ▲
10	109-6658	32	Nut-Nyloc 3/8-16 Flg	29	116-0676	3	Sheave,Blade Drive 7.25
11	116-5614-01	1	Dogleg - Lz60	30	126-6589	1	Decal, 604
12	3231-22	2	Bolt-Carriage 3/8-16 X 1	31	103-2802	3	Washer-Spring Disc 3/4
13	109-6982	2	Wireform-Cover	32	126-4781-03	1	Step-Deck
14	116-0094	1	Cover-Belt, RH	33	3230-3	1	Bolt-Carriage 5/16-18 X 1 1/4
15	109-6938	1	Cover-Belt, LH	34	104-8300	1	Nut-Nyloc 5/16-18 Flg
16	109-7188	1	ASM,Discharge Chute	35	126-8043	2	Shield-Dust
16:1	109-2738	1	Chute, Discharge				
16:2	109-8675-01	1	Bracket,Discharge Chute				
16:3	3231-22	3	Bolt-Carriage 3/8-16 X 1				
16:4	109-6658	3	Nut-Nyloc 3/8-16 Flg				
17	3231-28	2	Bolt-Carriage 3/8-16 X 1 1/4				

● Optional Equipment

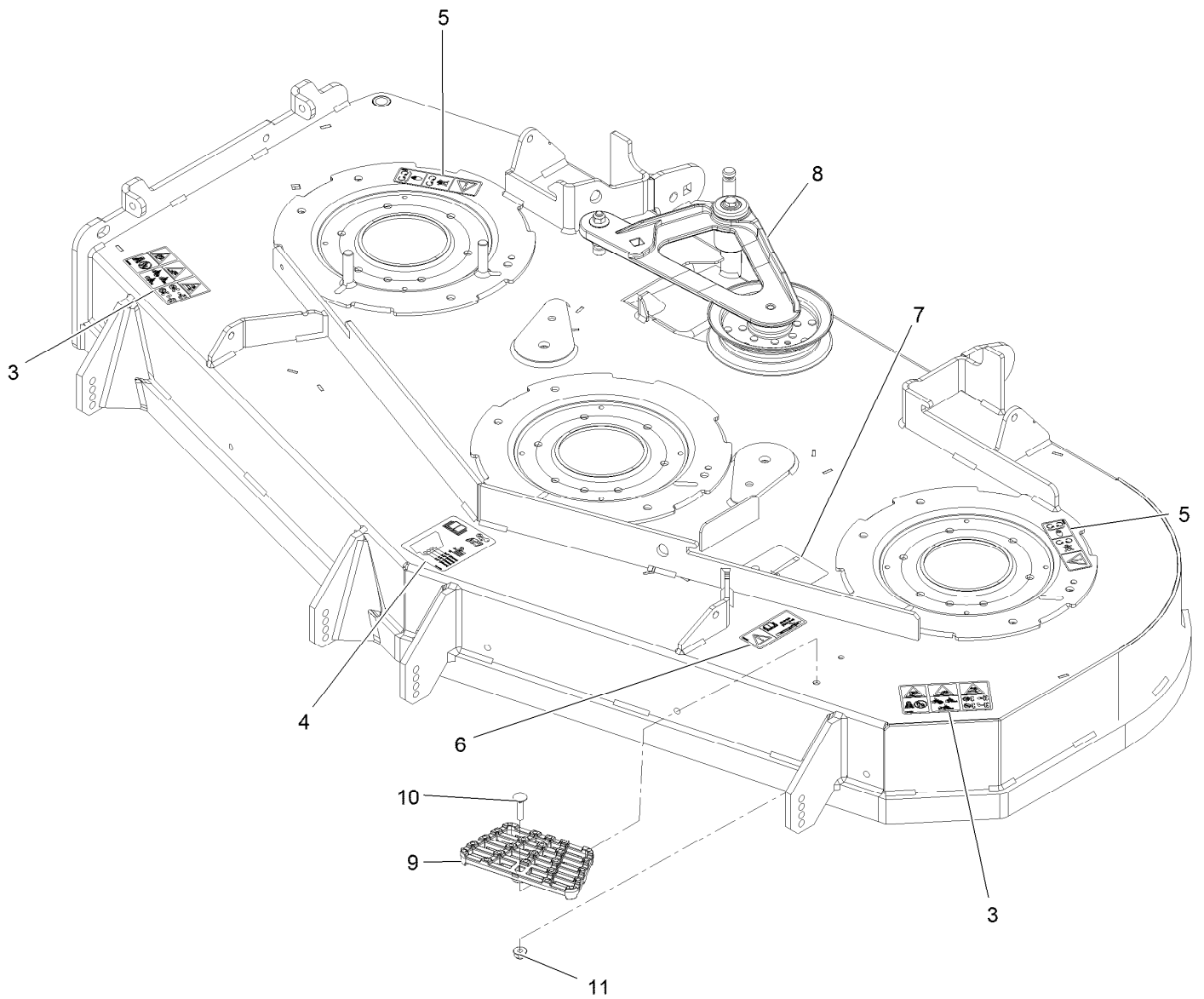
▲ Torque to 130-160 ft-lb

◆ 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.

■ Torque to 50-60 ft-lb

Deck W/Decals Assembly No. 116-4232

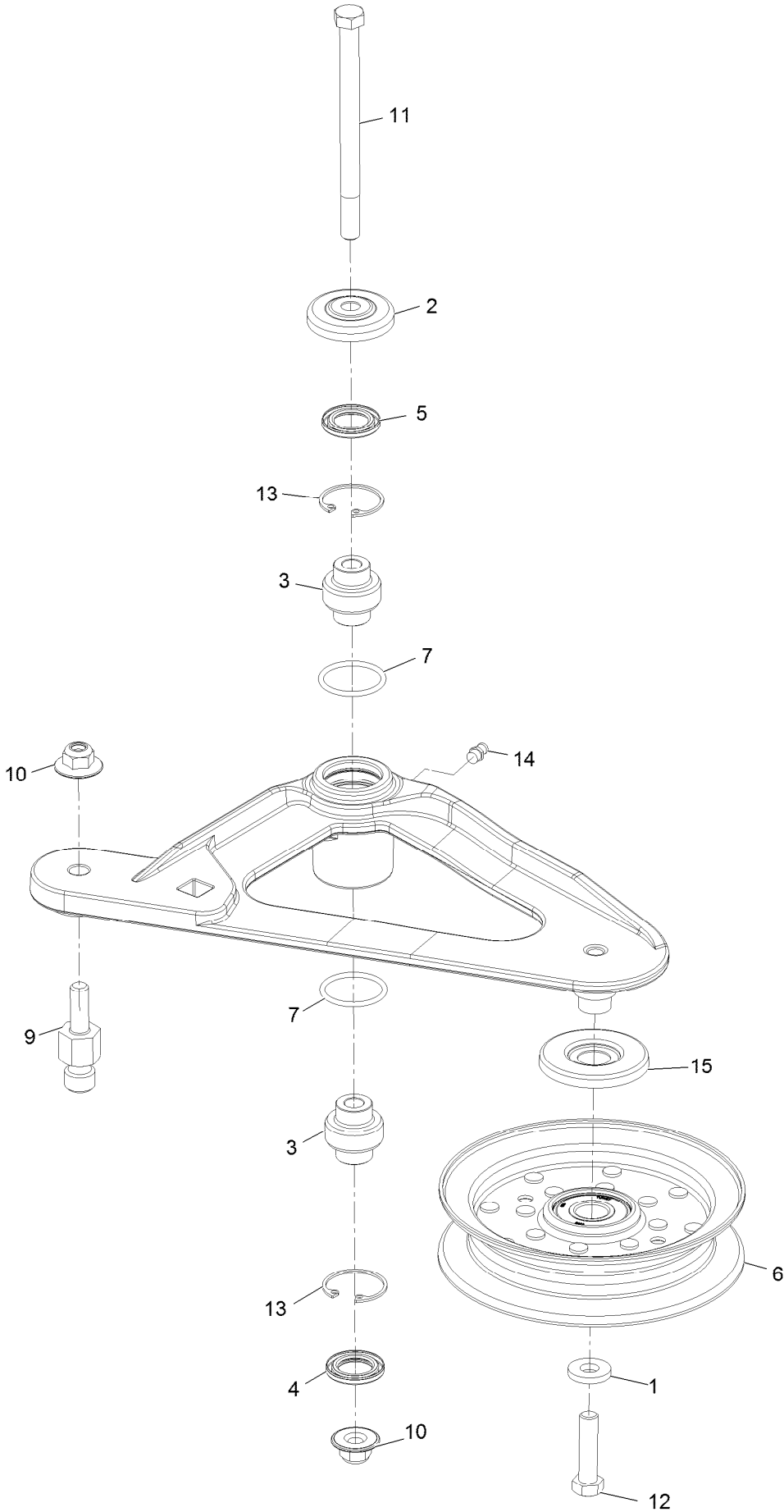


Deck W/Decals Assembly No. 116-4232 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	126-6464	2	Decal-Danger Thrown Objects
4	109-6036	1	Decal-Roller, Anti-Scalp
5	112-9028	2	Decal-Cover, Missing
6	116-8283	1	Decal-Torque, Bolt
7	116-8727	1	Decal-Belt Routing

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	116-3755	1	Deck Idler ASM
9	126-4781-03	1	Step-Deck
10	3230-3	1	Bolt-Carriage 5/16-18 X 1 1/4
11	104-8300	1	Nut-Nyloc 5/16-18 Flg

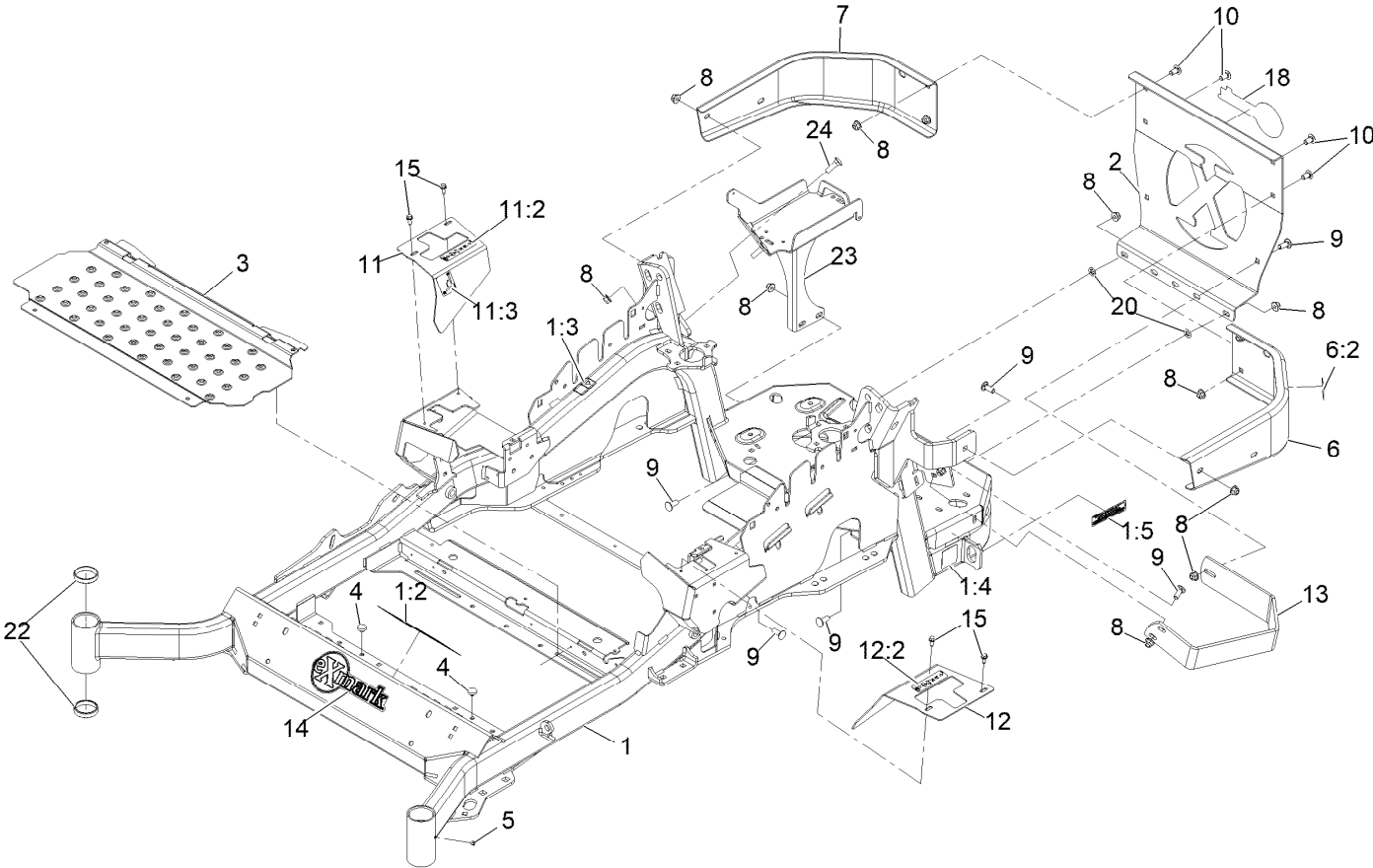
Idler Assembly



Idler 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	43-0940	1	Spacer	9	126-0423	1	Pin-Spring, Anchor
2	103-2916	1	Guard-Top	10	109-6658	2	Nut-Flange, NI
3	103-3504	2	Bearing-Spherical	11	109-7409	1	Screw-Shoulder, HH
4	103-3505	1	Seal-Lip, Double	12	323-8	1	Screw-HH
5	103-3506	1	Seal-Lip, Single	13	32120-10	2	Ring-Snap
6	126-9196	1	Idler-Pulley, Flat	14	302-19	1	Fitting-Grease
7	106-7159	2	O-Ring	15	126-9195	1	Shield-Guard, Dust

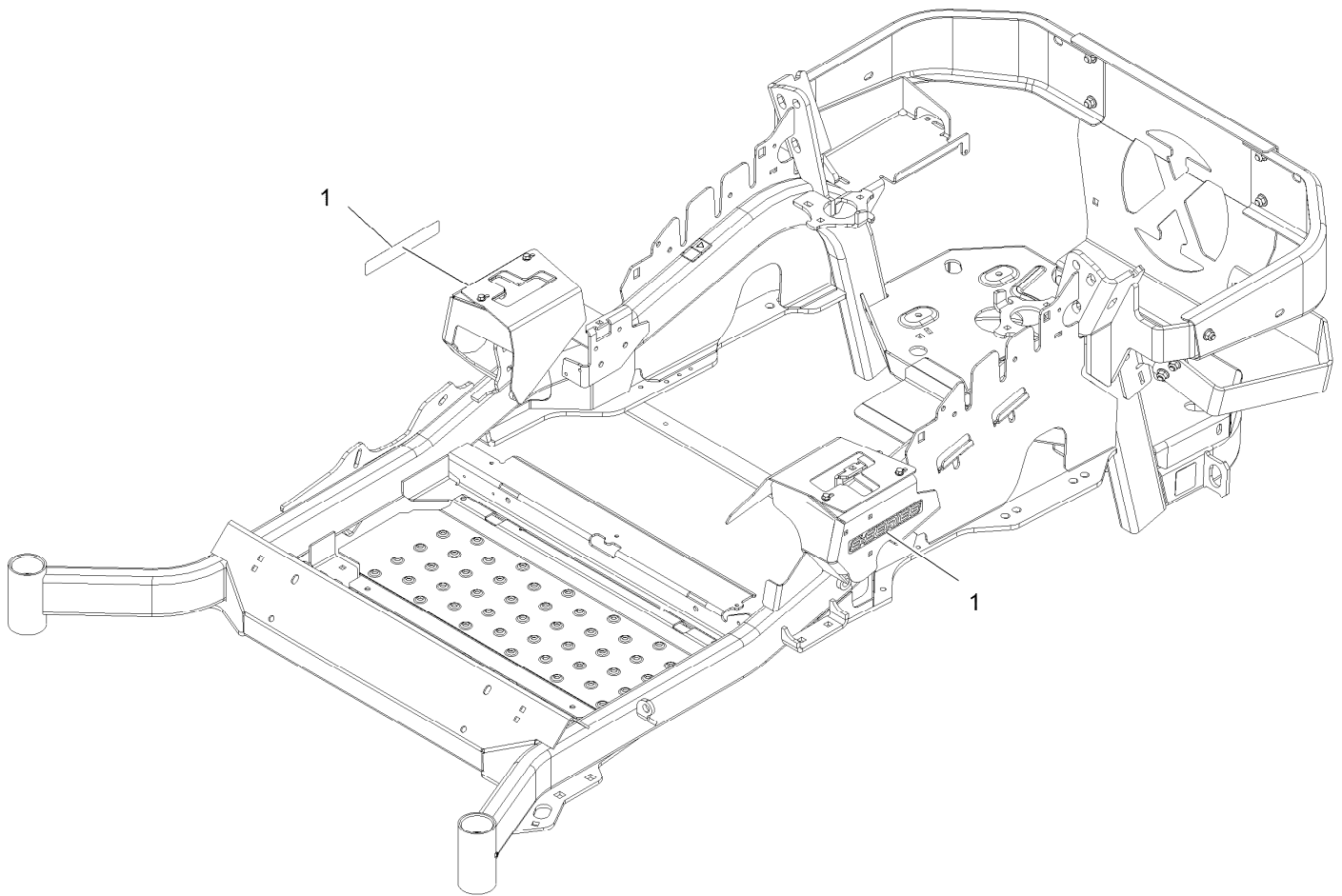
Main Frame Assembly



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	142-7265	1	Mainframe Service ASM - 60	10	3231-21	4	Bolt-Carriage 3/8-16 X 3/4
1:2	132-0871	1	Decal-Danger	11	116-5899	1	RH Motion Control Cover ASM
1:3	106-5517	2	Decal-Warning	11:2	99-8936	1	Decal-Control, Motion
1:4	106-2655	2	Decal-Hazard, Pinched Finger	11:3	116-5988	1	Decal-Park Brake, CE
1:5	133-8062	1	Decal-Arrestor, Spark	12	116-0580	1	LH Motion Control Cover ASM
2	109-8863-03	1	Plate,Rear Guard	12:2	99-8936	1	Decal-Control, Motion
3	116-8898-01	1	Floorpan	13	126-2067-03	1	Guard-Muffler
4	1-513658	2	Bumper	14	135-2274	1	Decal-Exmark
5	1-811010	2	Plug	15	32144-10	4	Screw-HWH 1/4-20 X .62
6	116-0180	1	LH Bumper ASM	18	126-6877	1	Decal, Exmark Logo
6:2	106-5517	1	Decal-Warning	20	107-3154	2	Nut-Push 3/8-16
7	116-0057-03	1	Bumper-RH	22	1-543508	4	Cup-Bearing Tapered Roller
8	104-8301	15	Nut-Nyloc 3/8-16 Flg	23	142-6404-01	1	Battery Mount ASM [red]
9	3231-22	9	Bolt-Carriage 3/8-16 X 1	24	3231-25	2	Bolt-Carriage 3/8-16 X 1 1/4

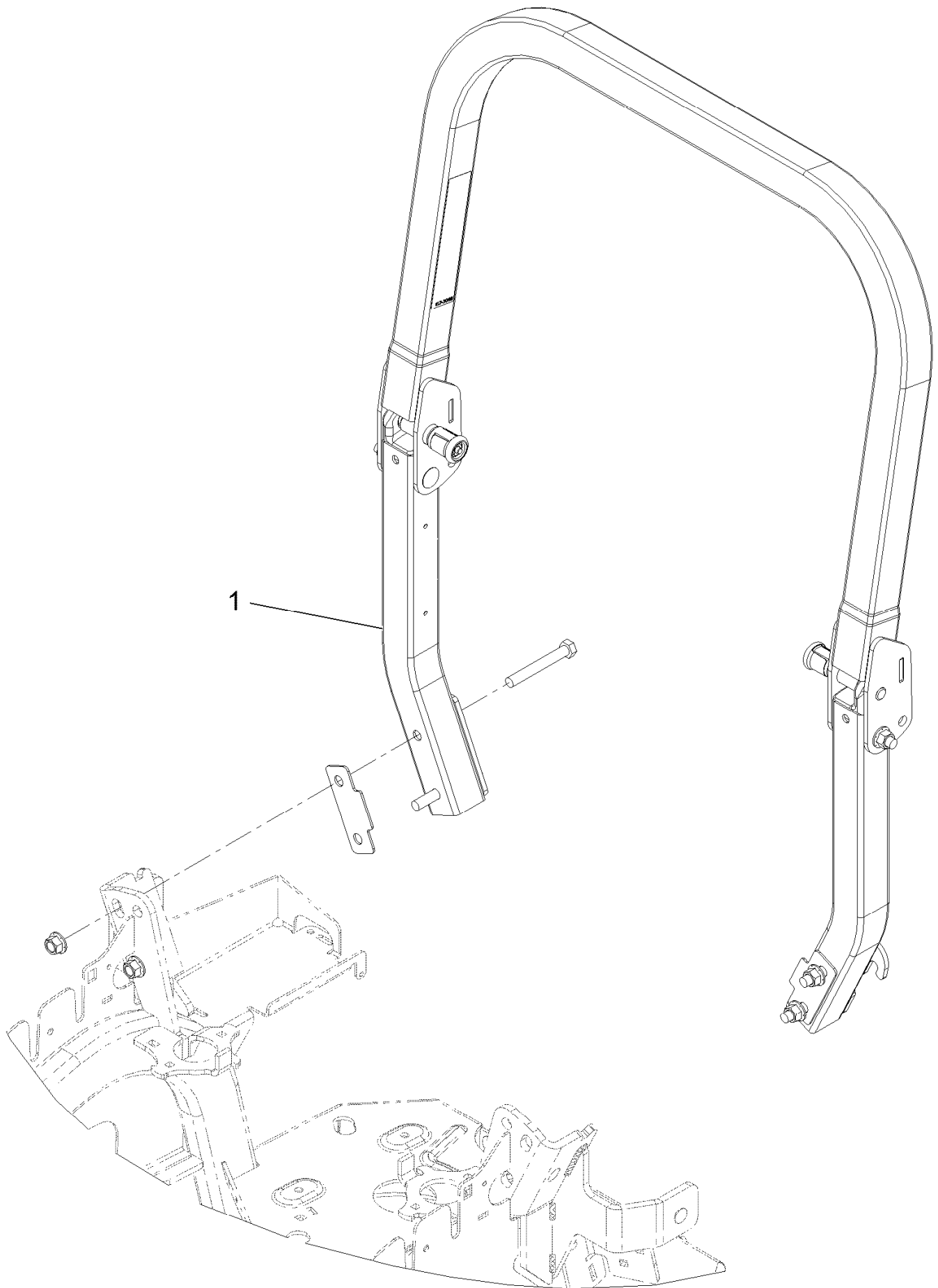
E-Series Decal



E-Series Decal (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	126-6571	2	Decal-E-Series

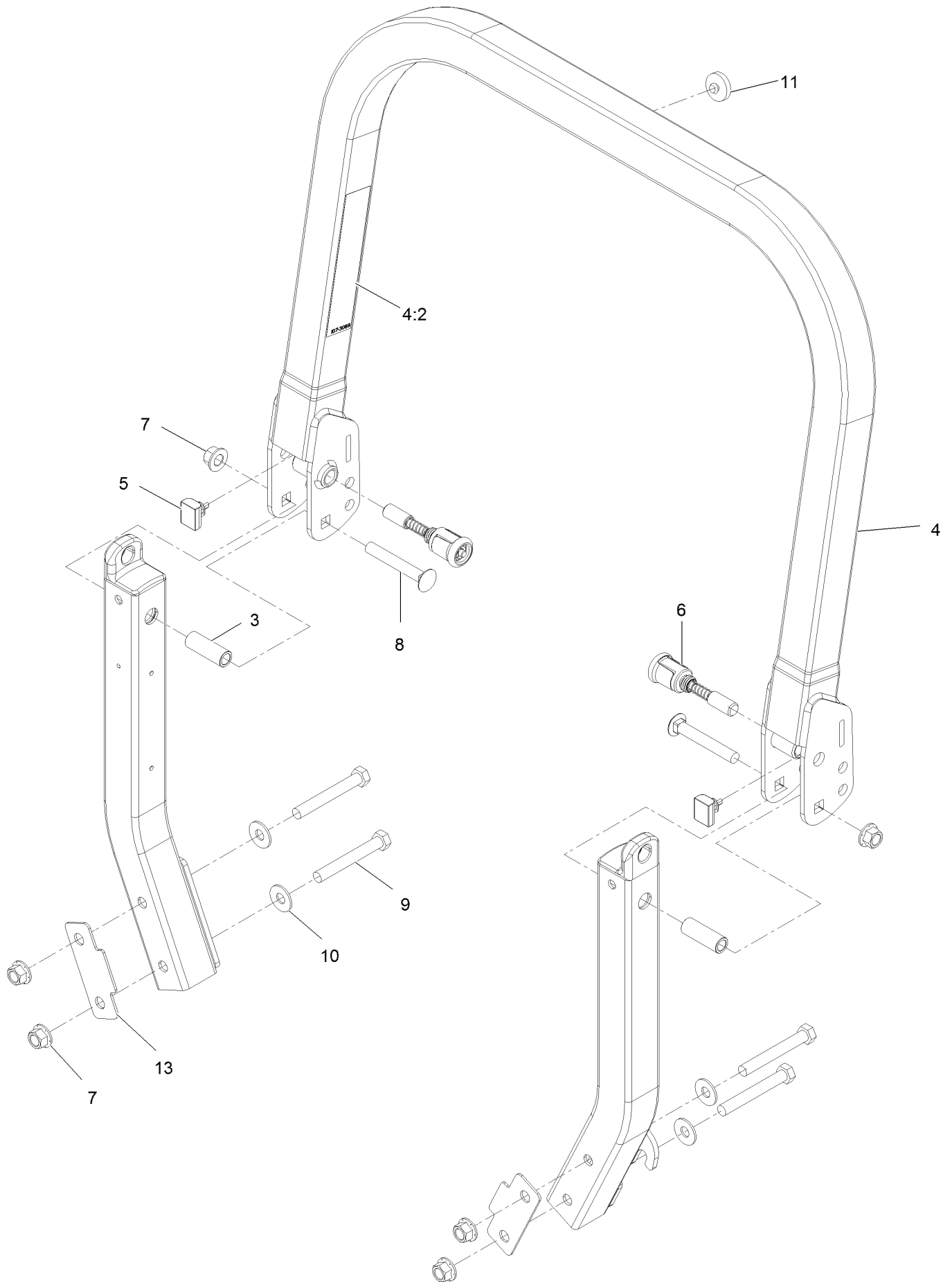
Roll-Over Protection System



Roll-Over Protection System (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-2882	1	ROPS ASM

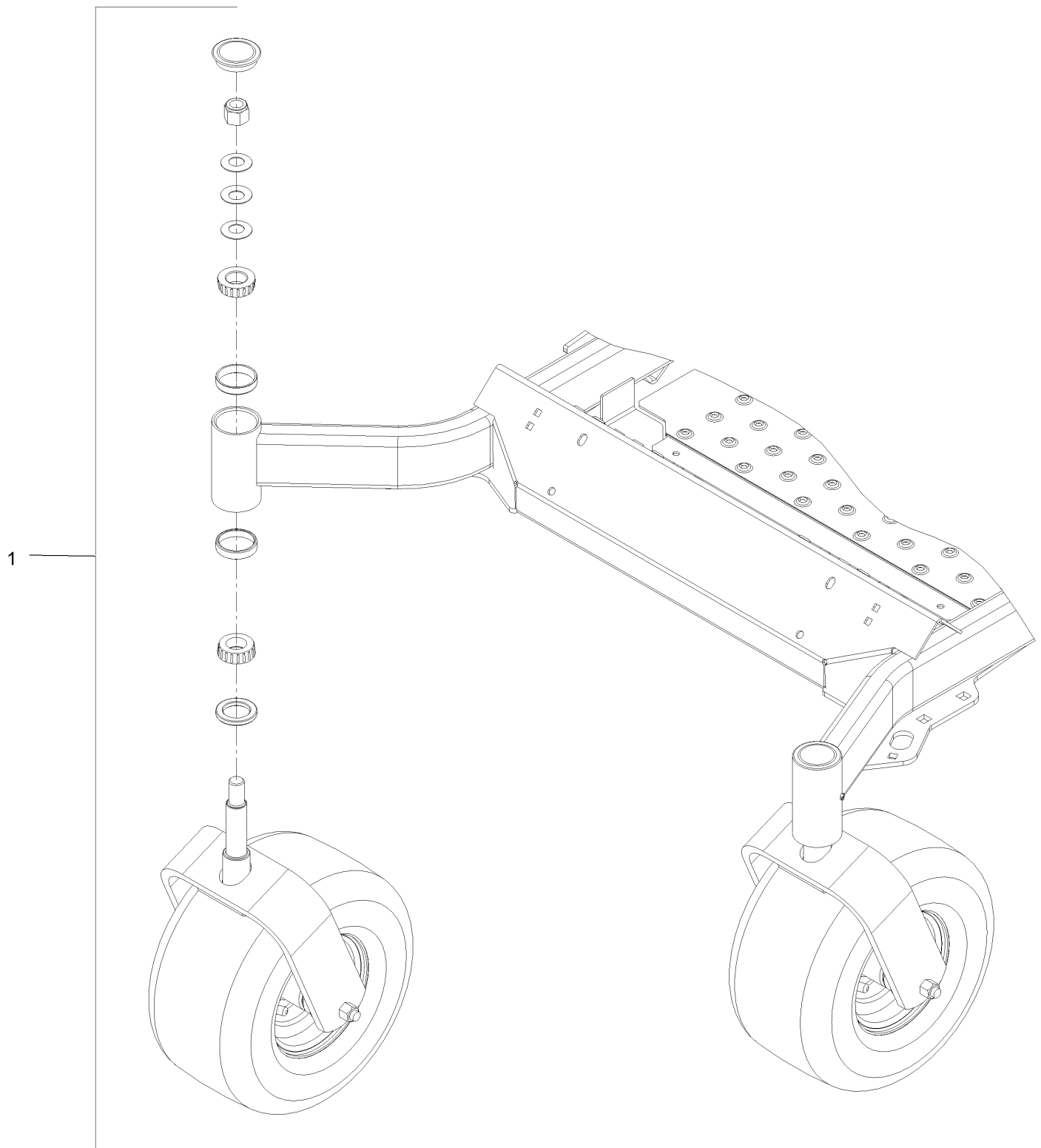
Roll-Over Protection System Assembly



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>
3	109-6653	2	Spacer	8	3233-10	2	Bolt-Carriage 1/2-13 X 3 1/2
4	116-0019	1	Upper ROPS ASM	9	325-35	4	Screw-HH
4:2	107-3069	1	Decal-Warning	10	109-9505	4	Washer, Spring Disc 1/2
5	109-5337	2	Bumper-ROPS	11	109-9233	1	Bumper-Push-In, Rubber
6	116-0104	2	Pin-Spring	13	116-0960	2	Spacer
7	99-5107	8	Nut-Lock 1/2-13				

Front Caster and Fork Assembly



Front Caster and Fork Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		2	Front Caster W/Fork ASM ●

● Not serviced separately

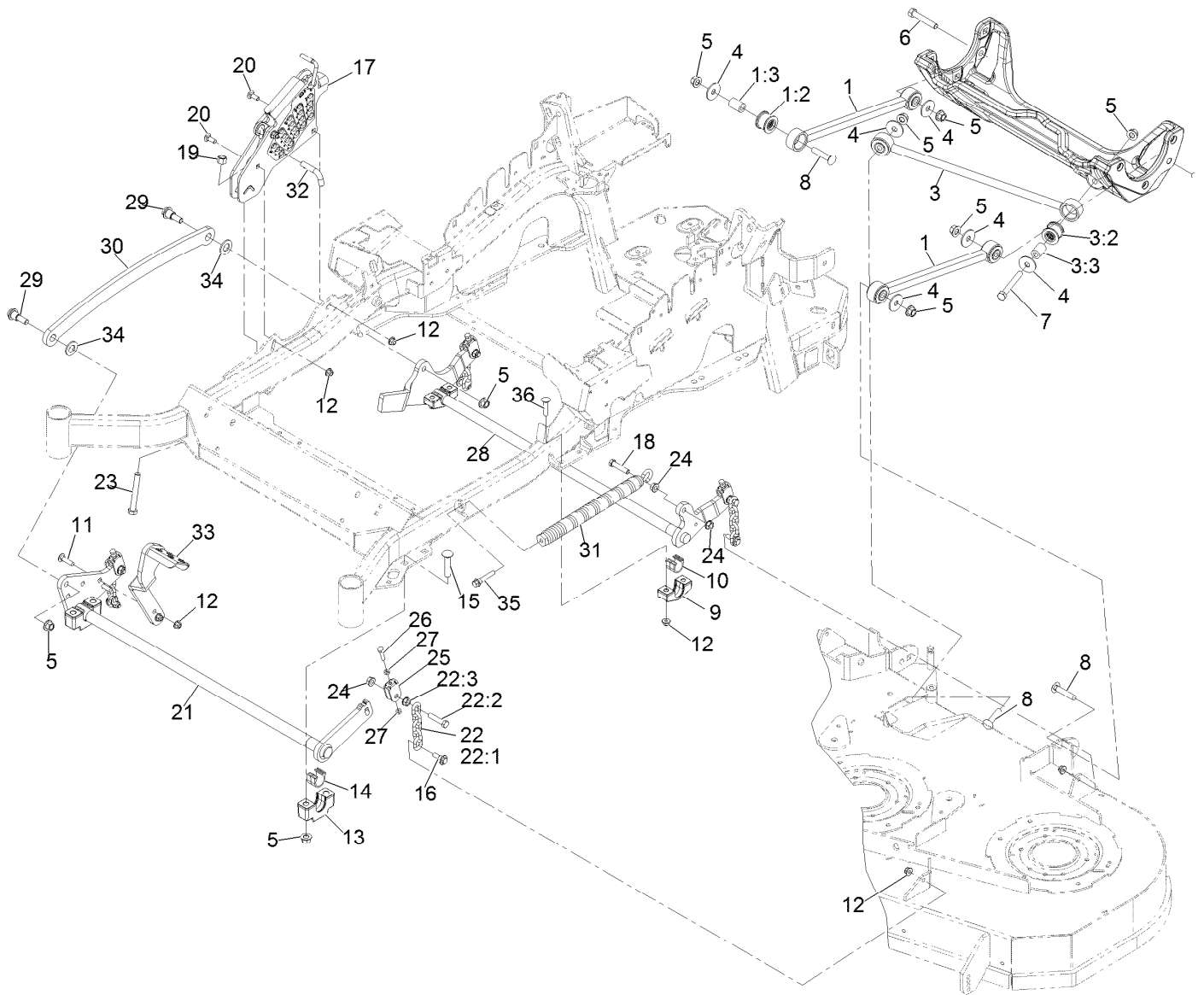
[illegible]

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	1-543509	2	Cone-Bearing Tapered Roller	6:2:1:3	5108	1	Valve
2	116-5647	1	Seal-Grease	6:2:2	126-5361	1	Axle Caster ASM
3	116-6707-01	1	Caster	6:2:3	103-3051	1	Spacer-Nut
4	1-633508	3	Washer-Spring Disc	6:2:4	103-0063	2	Seal-Double Lip
6	117-0361	1	Caster Wheel ASM	6:2:5	1-633585	2	Bearing-Cone Tapered Roller
6:1	103-2768	2	Guard-Seal	6:3	325-39	1	Screw-HH 1/2-13 X 9 1/2
6:2		1	Wheel ASM ●	6:4	3296-23	1	Nut-Nyloc 1/2-13
6:2:1		1	Wheel And Tire ASM ●	7	103-4882	1	Cap-Grease
6:2:1:1	1-523009	1	Tire	10	3296-51	1	Nut-Nyloc 3/4-10
6:2:1:2	1-633584	2	Bearing-Cup				

● Not serviced separately

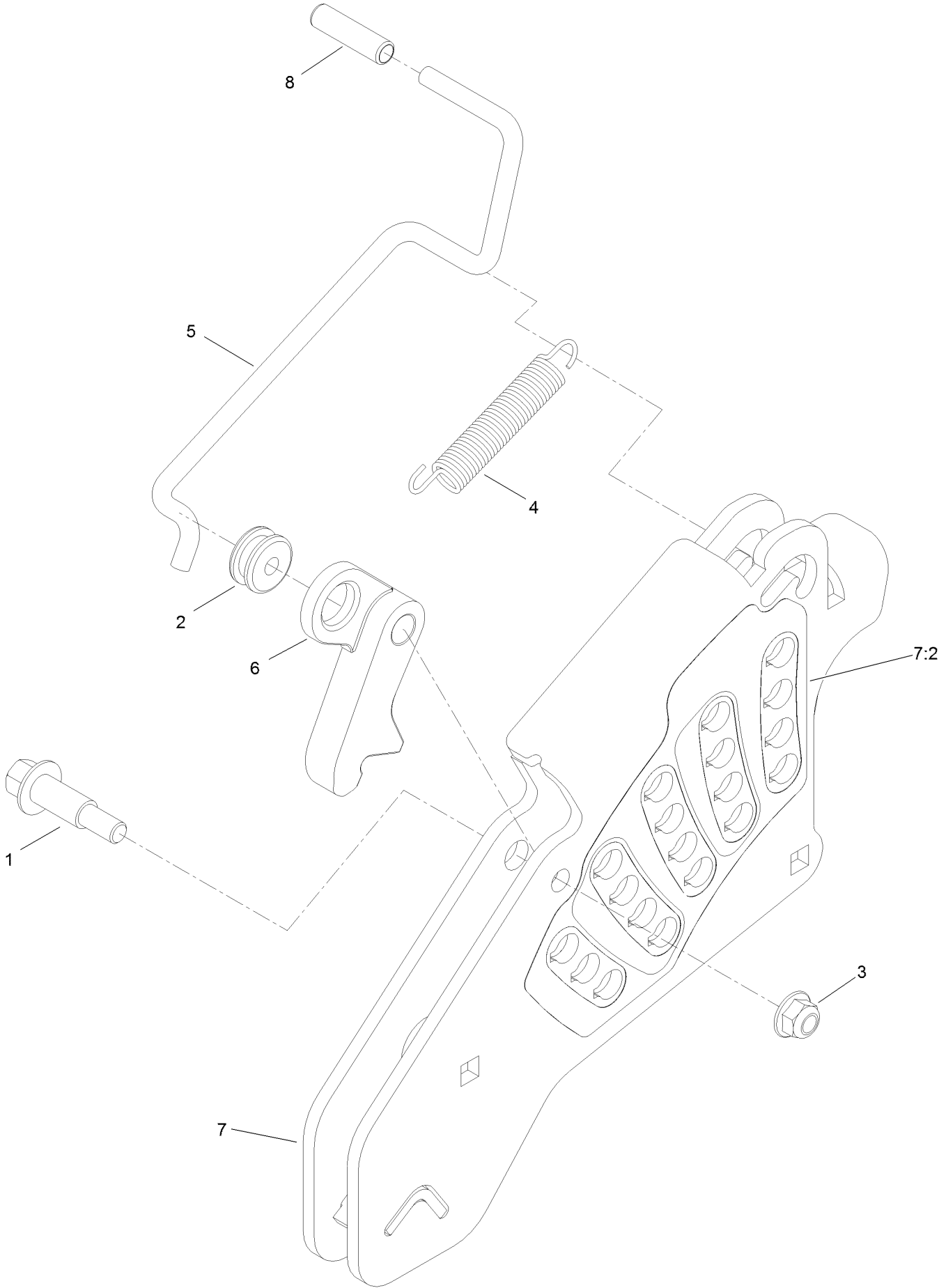
Deck Lift Assembly



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	116-2031	2	Long Strut ASM	17	109-7438	1	HOC ASM
1:2	109-5009	2	Bushing-Suspension, Rubber	18	109-9065	1	Screw-HH
1:3	109-5010	2	Spacer	19	3296-23	1	Nut-Lock, NI
3	109-5013	1	Panhard Rod ASM	20	3231-2	2	Bolt-CARR
3:2	109-5009	2	Bushing-Suspension, Rubber	21	126-2475-03	1	Decklift-Front
3:3	109-5010	2	Spacer	22	116-0756	4	Deck Lift Chain ASM
4	86-1990	6	Washer-Thrust	22:1	1-633447	1	Chain-Lift, Deck
5	99-5107	12	Nut-Lock	22:2	109-9065	1	Screw-HH
6	325-12	2	Screw-HH	22:3	32128-37	1	Nut-HF
7	325-17	1	Screw-HH	23	116-0559	1	Bolt-TAP
8	3233-34	3	Screw-CARR	24	32128-37	6	Nut-HF
9	127-0553	2	Support-Bearing, Cross Shaft (Rear)	25	109-9066	4	Yoke-Adjust, Deck
10	109-7173	2	Bearing-Cross Shaft, Rear	26	322-47	4	Screw-HH
11	3231-4	2	Screw-CARR	27	3218-2	8	Nut-Hex Jam
12	104-8301	12	Nut-HF, NI	28	116-0459-03	1	Lift-Deck, Rear
13	109-9409	2	Support-Bearing, Cross Shaft (Front)	29	116-0780	2	Screw-Shoulder, HHF
14	109-9410	2	Bearing-Cross Shaft, Front	30	116-0797-03	1	Link-Lift, Deck
15	116-1700	4	Bolt-CARR	31	116-0000	1	Spring-Extension
16	109-9840	4	Screw-Shoulder, HHF	32	116-5584	1	Pin-HOC
				33	116-1919-01	1	Lever-Foot
				34	3256-28	2	Washer-Flat
				35	92-7674	1	Bolt-Shoulder
				36	3231-7	4	Screw-CARR

Height-of-Cut Assembly No. 109-7438

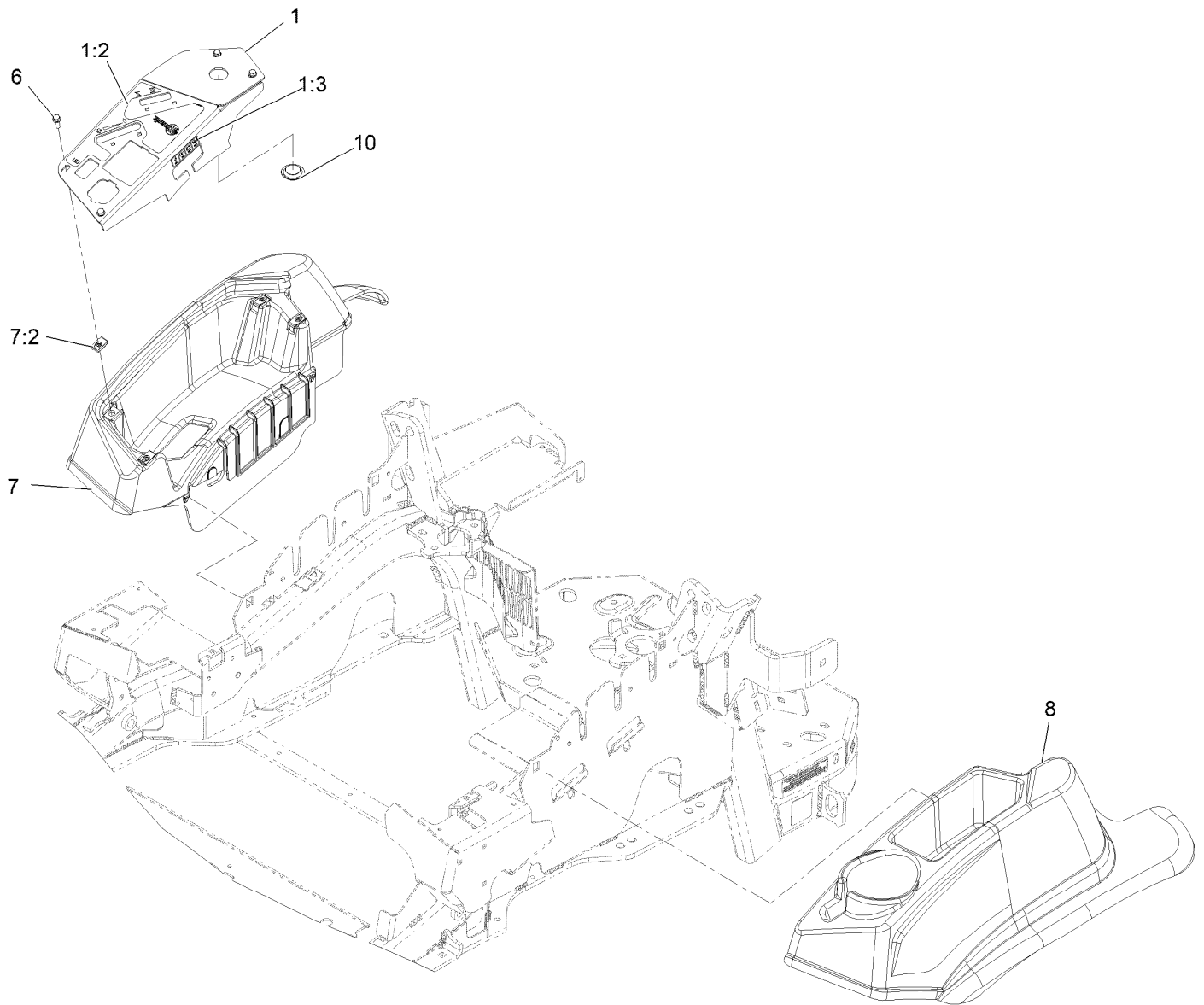


Height-of-Cut Assembly No. 109-7438 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	62-1330	1	Bolt-Shoulder
2	109-7130	1	Grommet
3	104-8301	1	Nut-HF, NI
4	109-7124	1	Spring-Extension
5	109-7128	1	Rod-Lock, Transport

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	116-0118	1	Pawl-Transport, HOC
7	109-7335	1	HOC Plate ASM
7:2	126-4398	1	Decal-HOC
8	109-8250	1	Grip-Lever

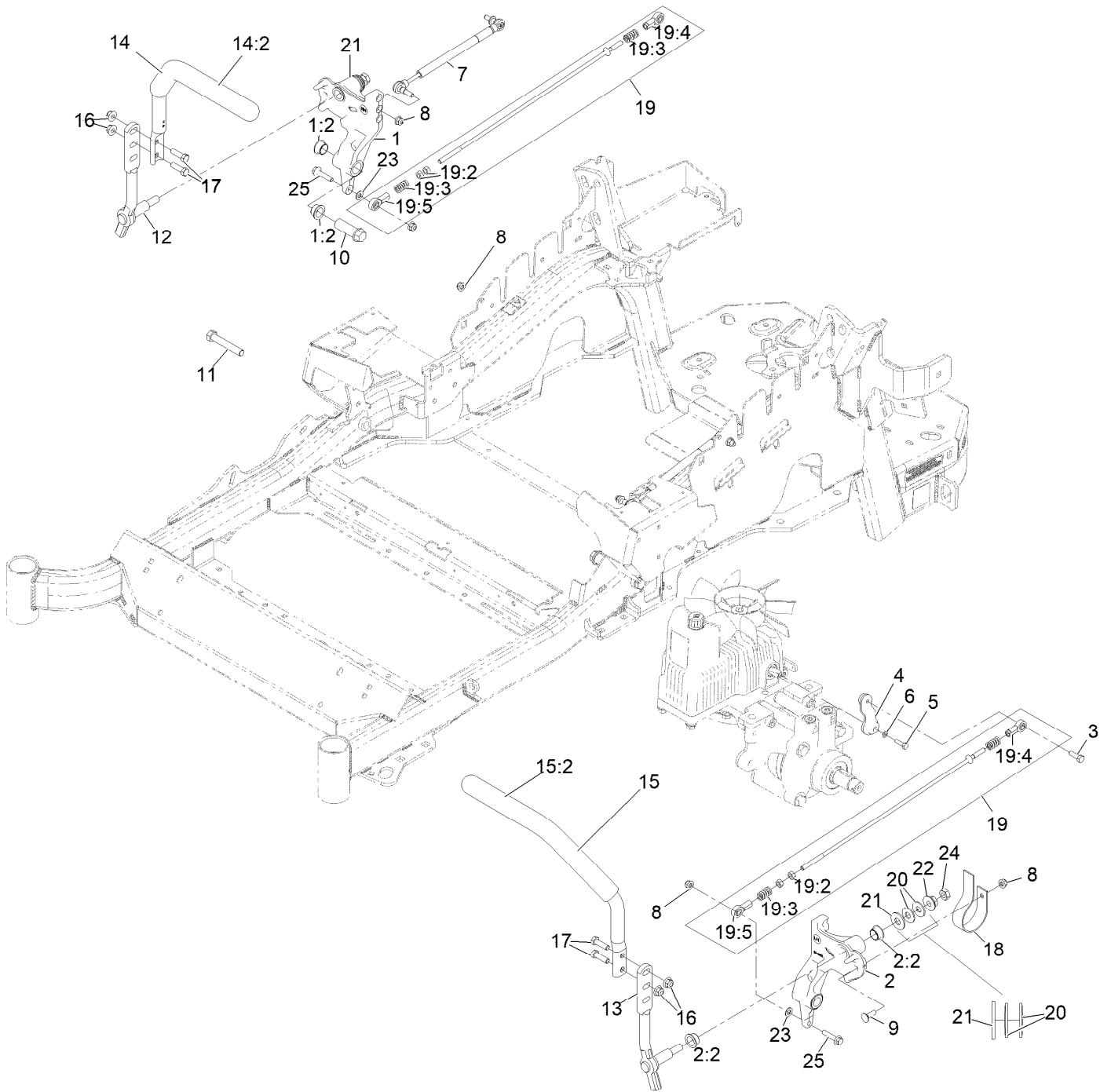
Console Assembly



Console 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	142-9167	1	ASM, Control Panel W/Decal	7	116-1278	1	Console,RH As ASM
1:2	142-9161	1	Decal, Control Panel Lazer	7:2	107069	4	Nut-Retainer-Panel 1/4-20
1:3	114-4466	1	Decal-Fuses	8	109-9457	1	Console, LH As
6	32105-15	4	Screw-Machine 1/4-20 X 3/4	10	116-1875	1	Plug-Plastic

Motion Control Assembly

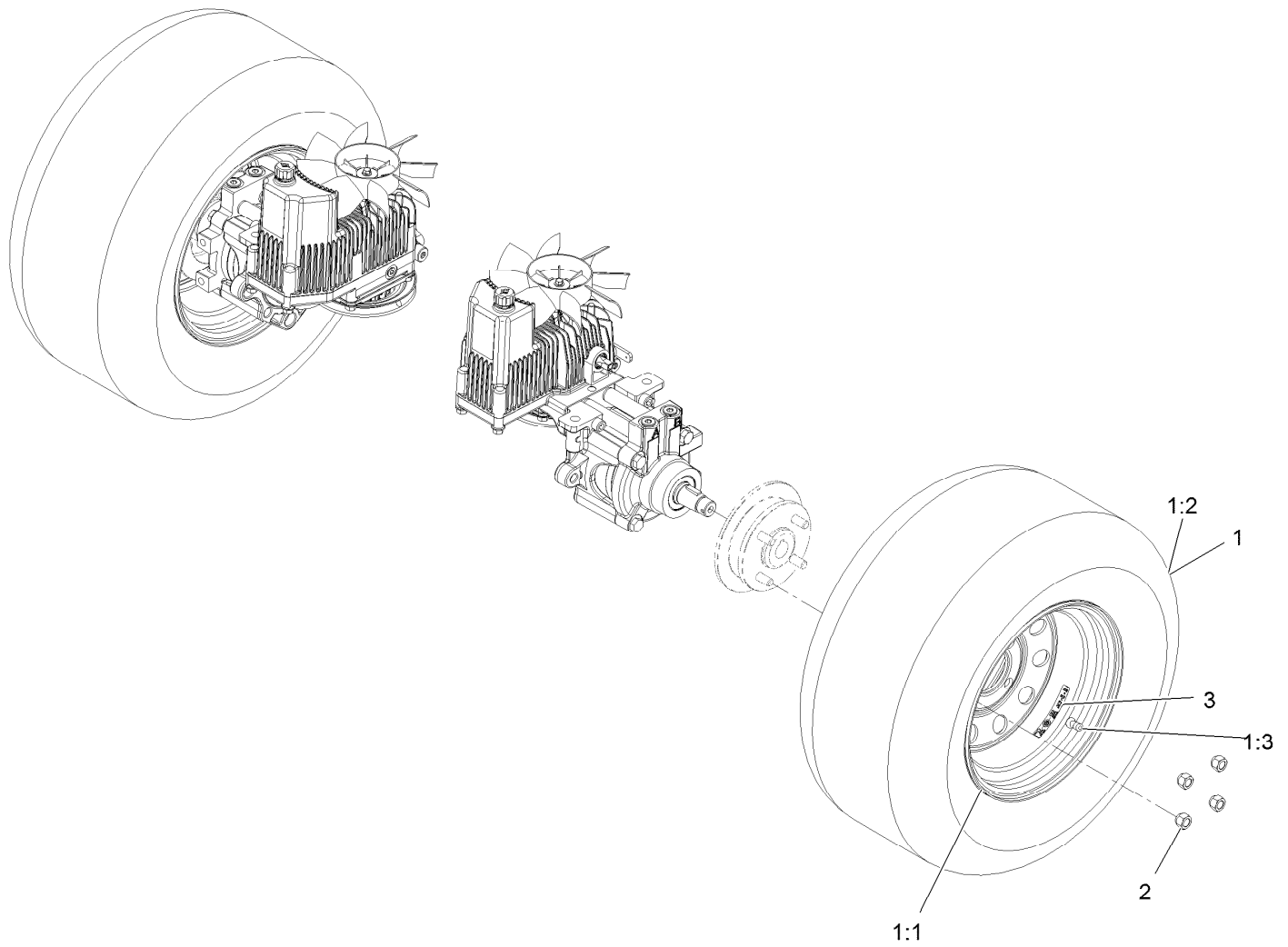


Motion Control Assembly (continued)

<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	116-0880	1	RH Motion Control And Bushing ASM	14:2	109-5668	1	Grip-Lever, Control
1:2	109-8054	4	Bushing-Flanged	15	135-4373	1	LH Handle ASM
2	116-0881	1	LH Motion Control And Bushing ASM	15:2	109-5668	1	Grip-Lever, Control
2:2	109-8054	4	Bushing-Flanged	16	104-8301	4	Nut-Nyloc 3/8-16 Flg
3	116-0648	2	Screw-HH 5/16-18 X 1 W/Patch ●	17	323-7	4	Screw-HH 3/8-16 X 1 1/4
4	109-4581	2	Arm-Control, Pump	18	109-5575	2	Spring-Leaf
5	9080046	2	Screw-HH 1/4-20 X 7/8 ●	19	109-8107	2	Pump Linkage Rear ASM
6	1-303435	2	Washer-Spring Disc 1/4	19:2	3219-2	2	Nut-Hex 5/16-24
7	116-0027	2	Damper-Control, Motion	19:3	1-323245	2	Spring-Compression
8	104-8300	8	Nut-Nyloc 5/16-18 Flg	19:4	1-633152	1	Balljoint
9	3230-2	2	Bolt-Carriage 5/16-18 X 1	19:5	1-543017	1	Balljoint
10	109-5891	2	Hub-Threaded	20	109-9505	4	Washer, Spring Disc 1/2
11	325-12	2	Screw-HH 1/2-13 X 3	21	3256-6	2	Washer
12	116-0039	1	Lever-Control Motion, RH	22	32128-56	2	Nut-Hex 1/2-13 Flange
13	116-0040	1	Lever-Control Motion, LH	23	3256-23	2	Washer-5/16 SAE
14	135-4371	1	RH Handle ASM	24	3218-5	2	Nut-Jam 1/2-13
				25	115-1794	2	Screw-Hex Flange 5/16-18 X 1 1/2

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

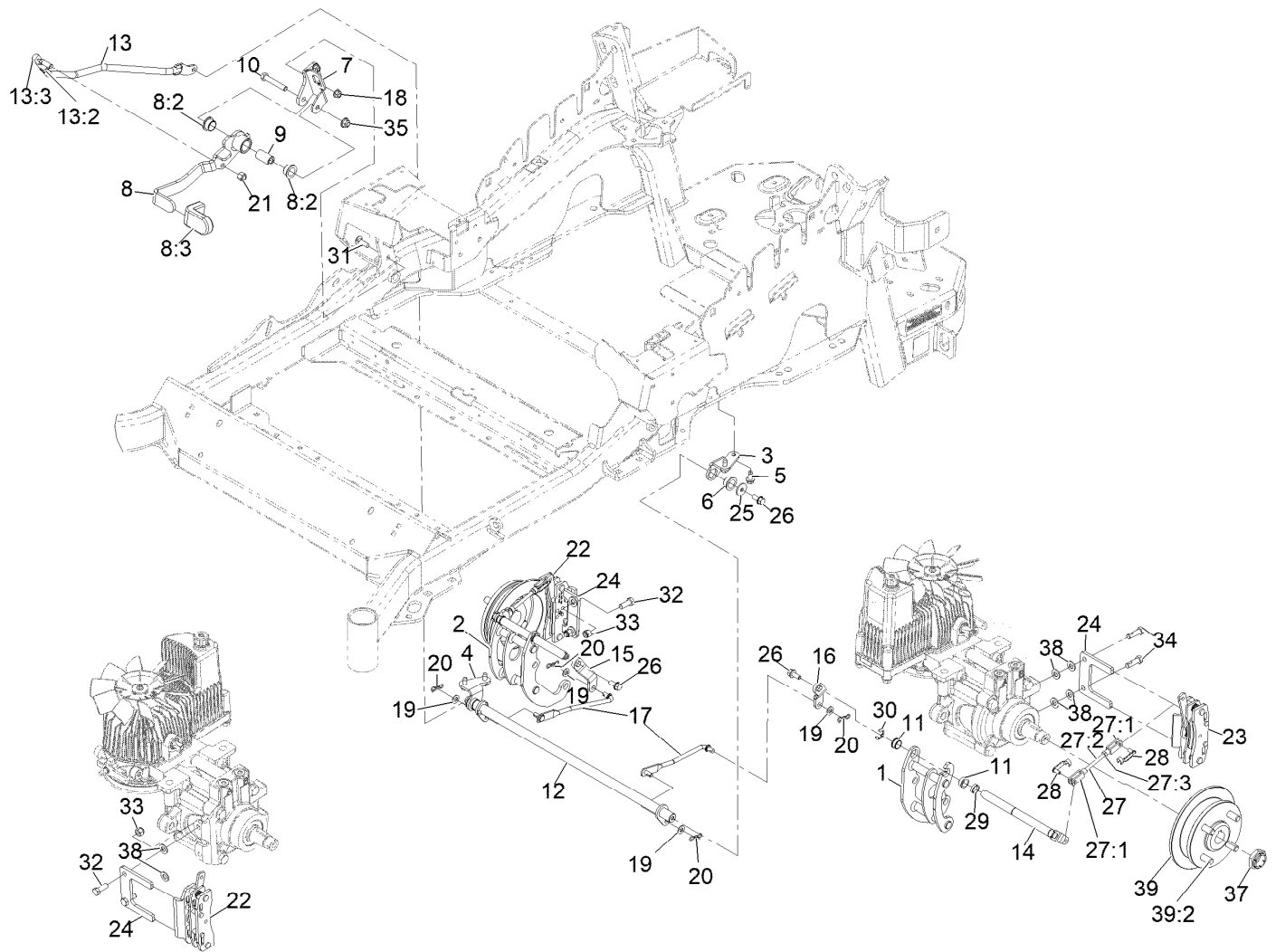
Rear Wheel Assembly



Rear 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	116-8294	2	ASM-Wheel And Tire	2	242-50	8	Nut-Lug 1/2-20
1:1	116-8295	1	ASM-Rim 60	3	126-2055	2	Decal-Torque, Wheel Hub
1:2	116-8296	1	Tire-Drive				Lug
1:3	232-27	1	Stem-Valve				

Park Brake Assembly

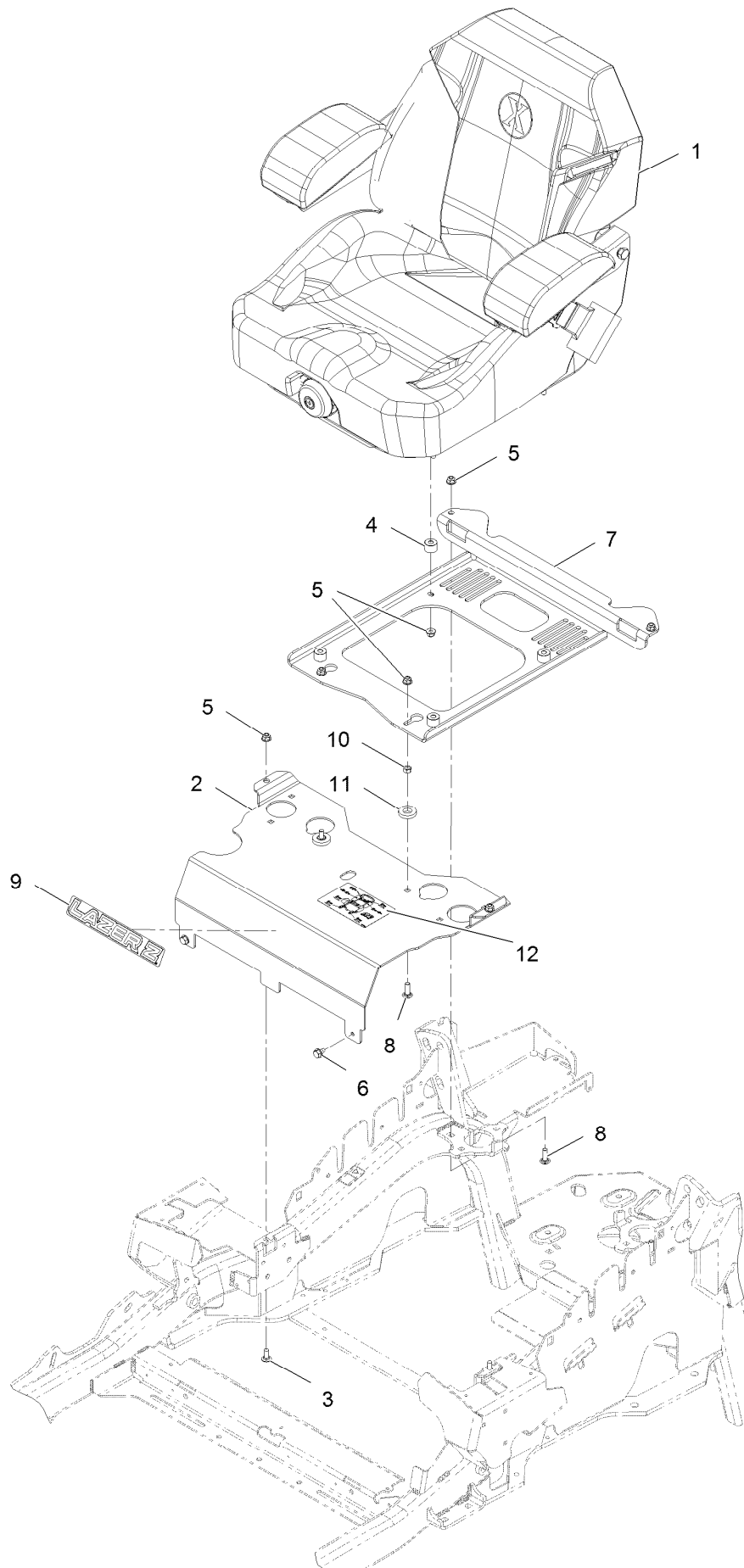


REAR VIEW OF
RIGHT HAND HYDRO

Park Brake 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	126-4248	1	Mount-Bellcrank, LH	20	119-1415	4	Pin-Cotter, Locking
2	126-4249	1	Mount-Bellcrank, RH	21	3296-6	1	Nut-Nyloc 3/8-24
3	116-9681	1	Mount-Pivot, LH	22	135-7440	1	Caliper-Brake, RH
4	116-9682	1	Mount-Pivot, RH	23	135-7441	1	Caliper-Brake, LH
5	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf	24	135-7828	2	Plate-Mount, Brake
6	109-8054	2	Bushing-Flanged	25	115-7109	2	Washer-Flat
7	116-9096-01	1	Bracket-Mount	26	98-9940	4	Screw-HHF
8	135-7565	1	Brake Lever ASM	27	126-7587	2	Rear Linkage ASM
8:2	109-8054	2	Bushing-Flanged	27:1	126-7588	2	Yoke
8:3	132-4749	1	Grip-Lever	27:2	116-9069	1	Linkage, Rear
9	116-9117	1	Pivot-Handle, Brake	27:3	3220-1	1	Nut-Jam 1/4-28
10	323-11	1	Screw-HH 3/8-16 X 2 1/4	28	126-6395	4	Pin-Clevis, Spring
11	126-6199	4	Bushing	29	126-6200	2	Spacer
12	135-7800	1	Shaft-Cross	30	32120-19	2	E-Ring
13	135-7805	1	ASM, Front Linkage	31	3230-2	2	Bolt-Carriage 5/16-18 X 1
13:2	94-7572	1	End-Tie Rod, RH	32	135-7915	2	Screw-HH,
13:3	3220-3	1	Nut-Jam 3/8-24	33	112-0236	2	Nut-Lock
14	126-4251	2	Bellcrank	34	135-7890	2	Screw-HH, Patch,
15	126-3716	1	Arm-Inner, RH	35	104-8301	1	Nut-Nyloc 3/8-16 Flg
16	126-3715	1	Arm-Inner, LH	37	116-1399	2	Locknut
17	142-6327	2	Mid-Link, Long	38	3256-24	6	Washer-3/8 SAE
18	104-8300	2	Nut-Nyloc 5/16-18 Flg	39	142-2701	2	Wheel Hub ASM
19	3256-23	4	Washer-5/16 SAE	39:2	116-1696	4	Stud-Wheel

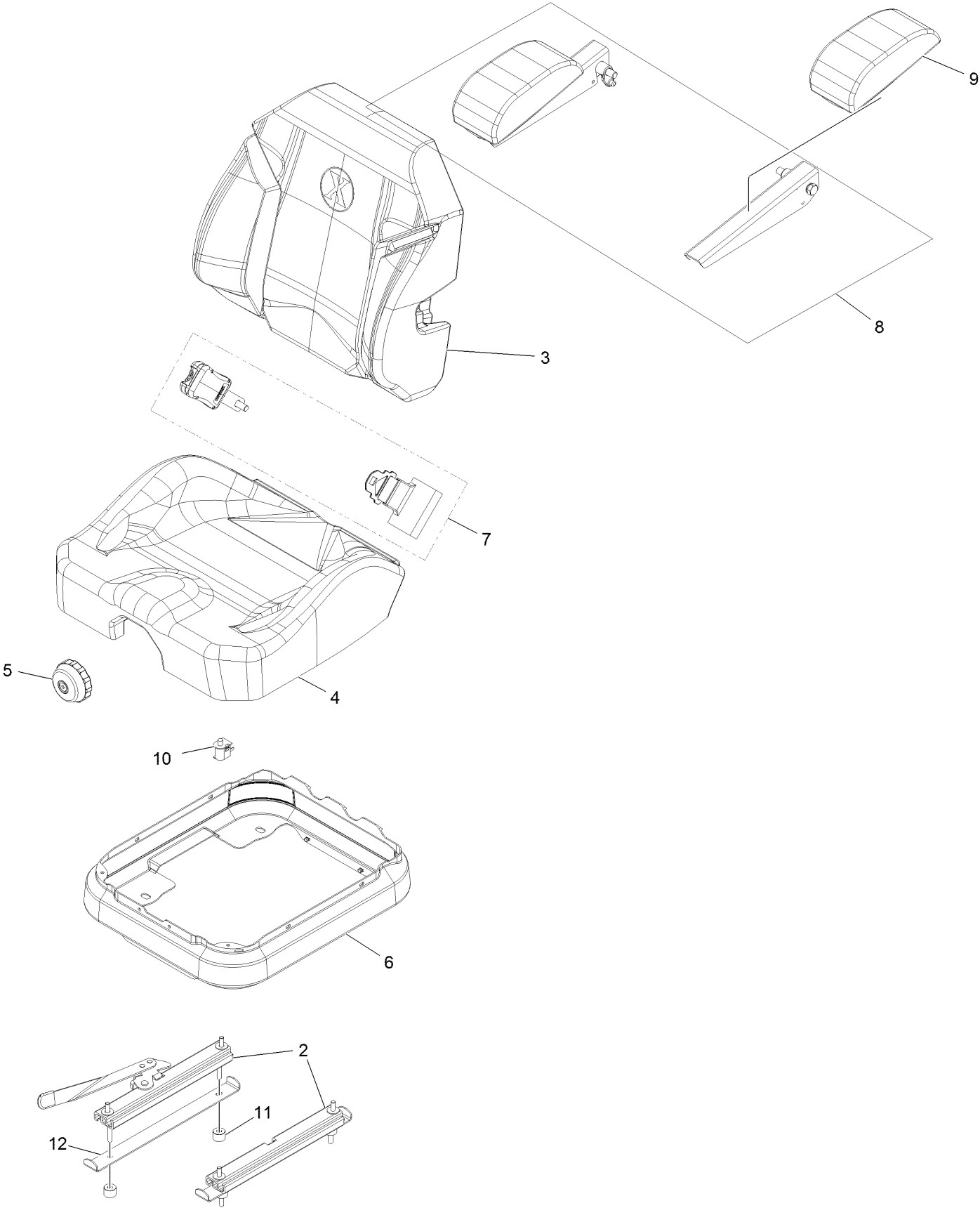
Seat Assembly



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	116-8912	1	Kit-Suspension Seat	7	116-0192-03	1	Plate-Support, Seat
2	116-2130-03	1	Panel-Front, Seat Mount	8	3230-22	4	Bolt-Carriage 5/16-18 X 1 Sp
3	3230-23	2	Bolt-Carriage 5/16-18 X 3/4 Short Neck	9	126-6574	1	Decal, Lazer Model
4	116-9329	4	Spacer	10	3217-6	2	Nut-Hex 5/16-18
5	104-8300	10	Nut-Nyloc 5/16-18 Flg	11	1-323539	2	Spacer-Blade Drive
6	9266934	2	Screw-HWH 5/16 X 1/2 Tf	12	114-4465	1	Decal-Service Aid

Seat Assembly (cont.)

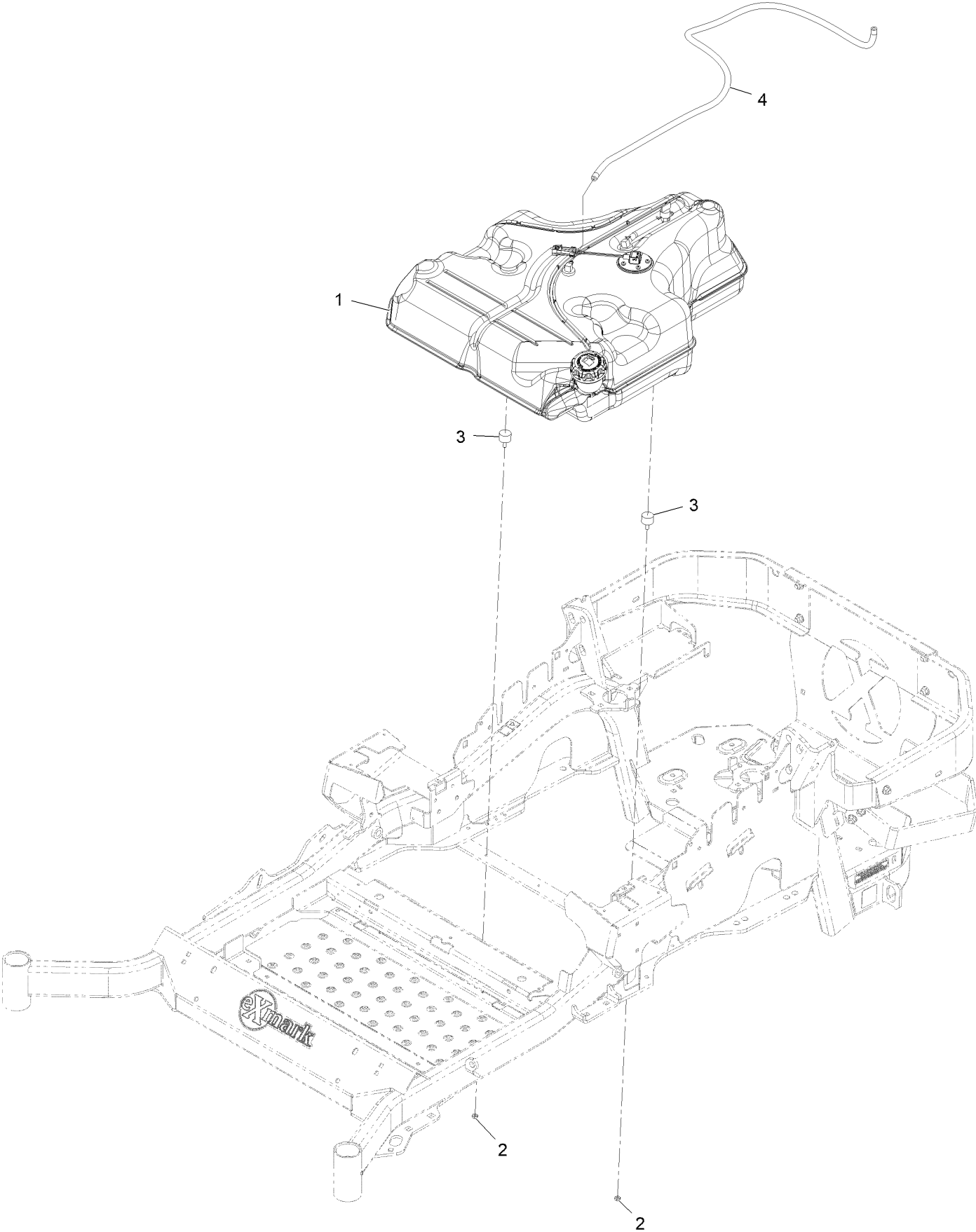


Seat Assembly (cont.) (continued)

<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	116-8910	1	Seat Track Set	7	126-2061	1	Seat Belt Service Kit
3	116-8908	1	Cover-Back 311463Vn500	8	116-8906	1	Kit-Arm Rest Set
4	116-8909	1	Cover-Cushion 311464Vn500	9	116-8905	1	Kit-Arm Rest Pads
5	116-8911	1	Knob-Adjuster	10	82-2190	1	Switch
6	116-5659	1	Cover-Suspension Bellows	11	116-9329	4	Spacer
				12	126-9918-03	2	Stop, Seat ●

● Used on Diesel models only

Fuel Assembly

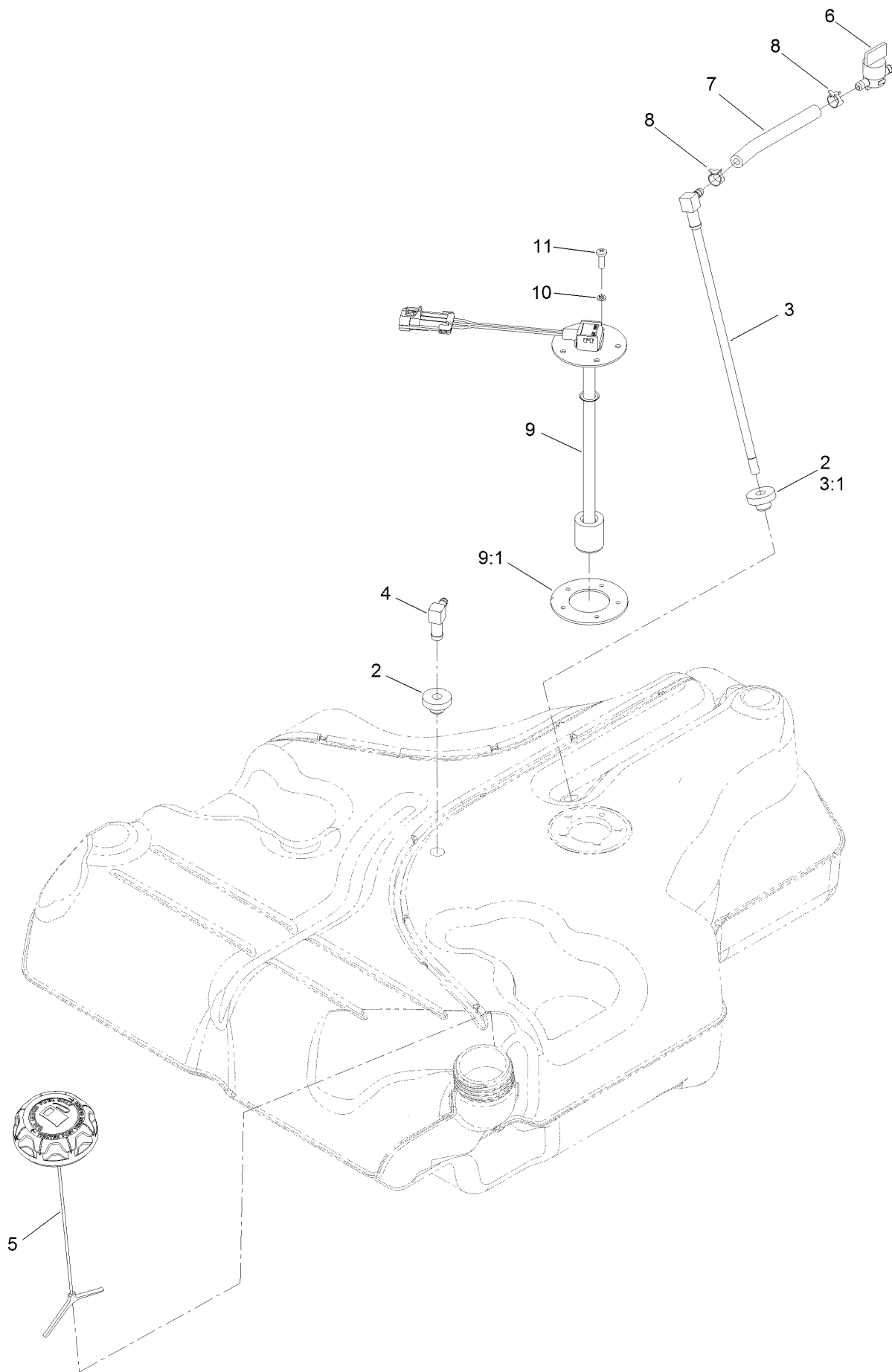


Fuel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-0645	1	Fuel Tank ASM
2	3218-1	2	Nut-Jam

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	1-523420	2	Bumper
4	132-0918	1	Hose-Fuel

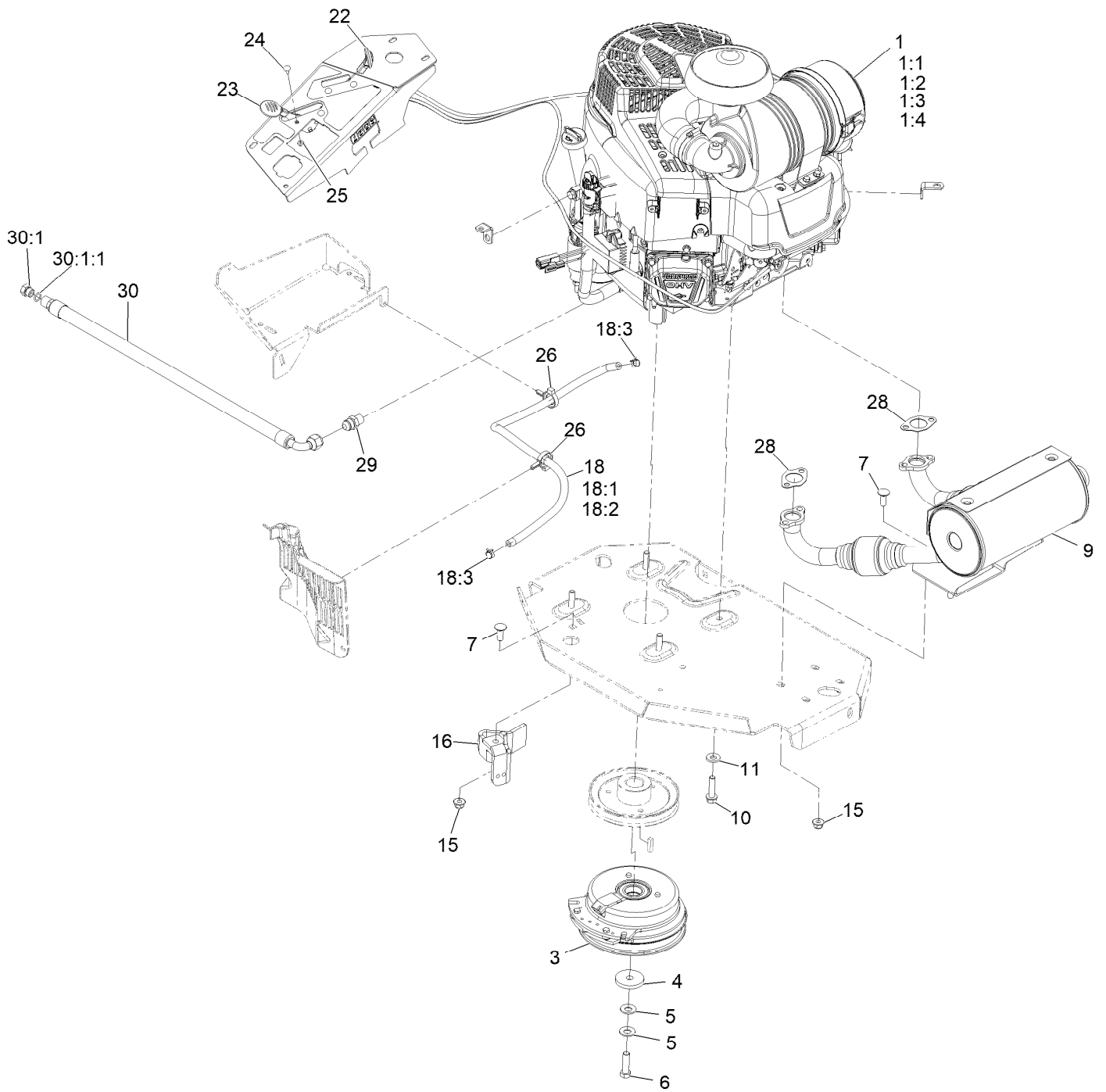
Fuel Tank Assembly



Fuel Tank 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	46-6560	2	Bushing	7	109-0650	1	Hose-Fuel
3	116-2459	1	Fuel Line Kit (With Grommet)	8	2412-98	2	Clamp-Hose
3:1	46-6560	1	Bushing	9	126-3949	1	Sender-Level, Fuel (W/Gasket)
4	116-2288	1	Fitting-Elbow, 90 DEG	9:1	126-3950	1	Gasket-Sender
5	126-1789	1	Cap-Fuel, Ratcheting	10	3253-17	5	Washer-Lock
6	1-603770	1	Valve-Fuel	11	3290-500	5	Screw-PPH

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		1	Engine, 810 Vanguard Carb ○●	15	104-8301	5	Nut-Nyloc 3/8-16 Flg
1:1		1	Briggs Engine Oil Filter 842921 ○●	16	116-2612-01	1	Clutch-Anchor
1:2		1	Briggs Engine Air Filter 841237 ○●	18	126-1414	1	Fuel Line ASM
1:3		1	Briggs Engine Safety Filter 841238 ○●	18:1	109-0286	1	Hose-Fuel Line 35"
1:4		1	Filter-Fuel ○●	18:2	126-1417	1	Sleeve-Thermal
3	116-1620	1	Clutch Kit	18:3	2412-98	2	Clamp-Hose
4	109-6919	1	Washer-Clutch	22	126-6943	1	Cable-Control, Choke
5	1-603610	2	Washer-Spring Disc 7/16	23	116-0969	1	ASM,Throttle Cable
6	109-9761	1	Screw-HH 7/16-20 X 1 1/2 W/Loctite + ▲	24	1-807513	4	Bolt-Carriage #10-24 X 1/2
7	3231-22	5	Bolt-Carriage 3/8-16 X 1	25	3296-2	4	Nut-Nyloc #10-24
9	142-9193	1	Kit, Muffler	26	105-1853	2	Clamp-Hose
10	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite ◆	28	142-9194	2	Gasket, Exhaust
11	98-5975	4	Washer-Spring Disc 3/8	29	116-1455	1	Fitting-Straight □
				30	142-9689	1	ASM, Oil Drain Hose W/Plug ■
				30:1	353-508	1	Plug-HH ●
				30:1:1	237-42	1	O-Ring

● Torque to 24-26 ft-lb

▲ Torque to 49-61 ft-lb

□ Torque to 21-27 ft-lb

● Obtain parts from www.briggsandstratton.com

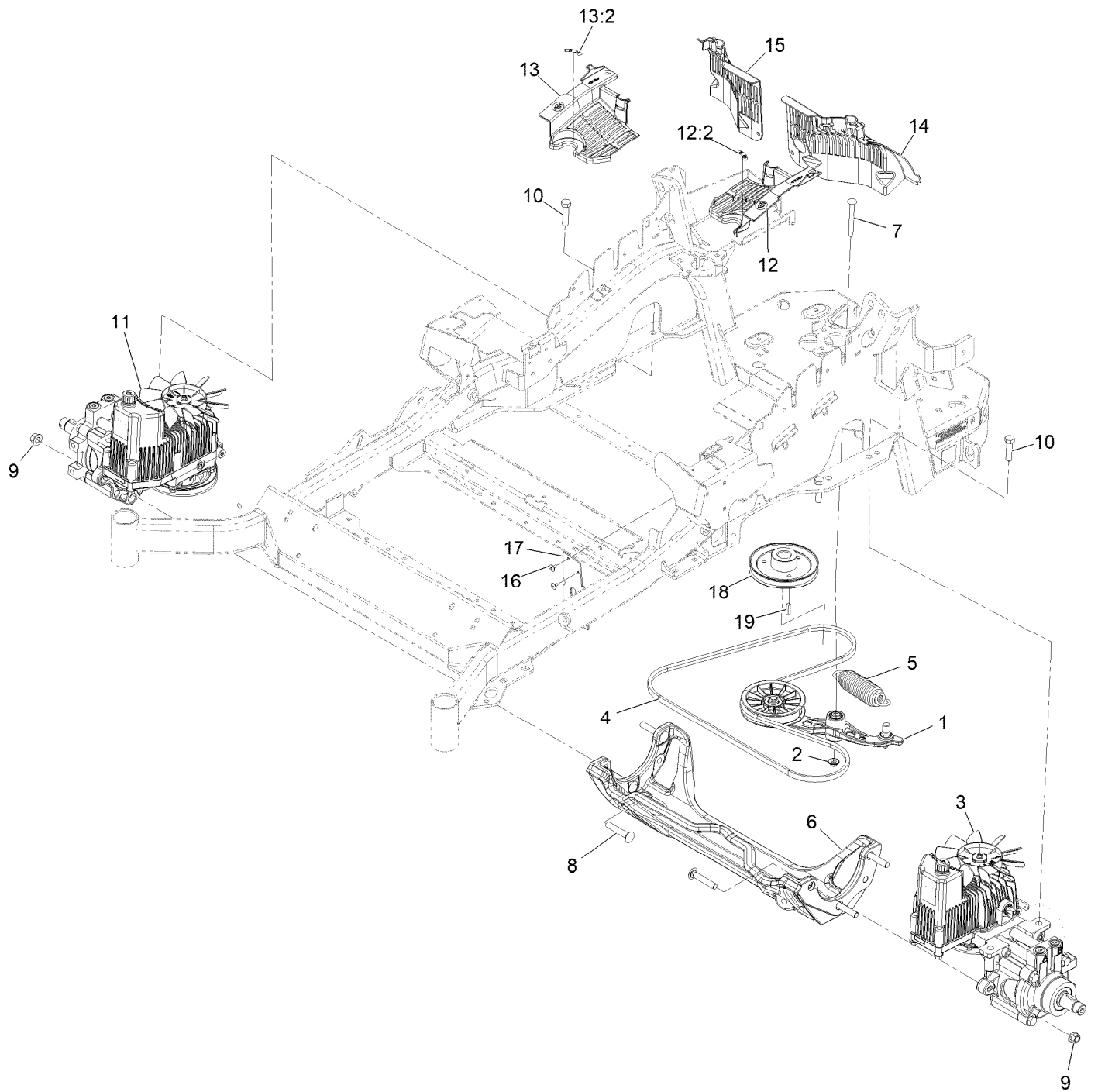
+ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

■ Torque to 17-23 ft-lb

◆ Torque to 27-33 ft-lb

○ Not serviced separately

Hydraulic Assembly

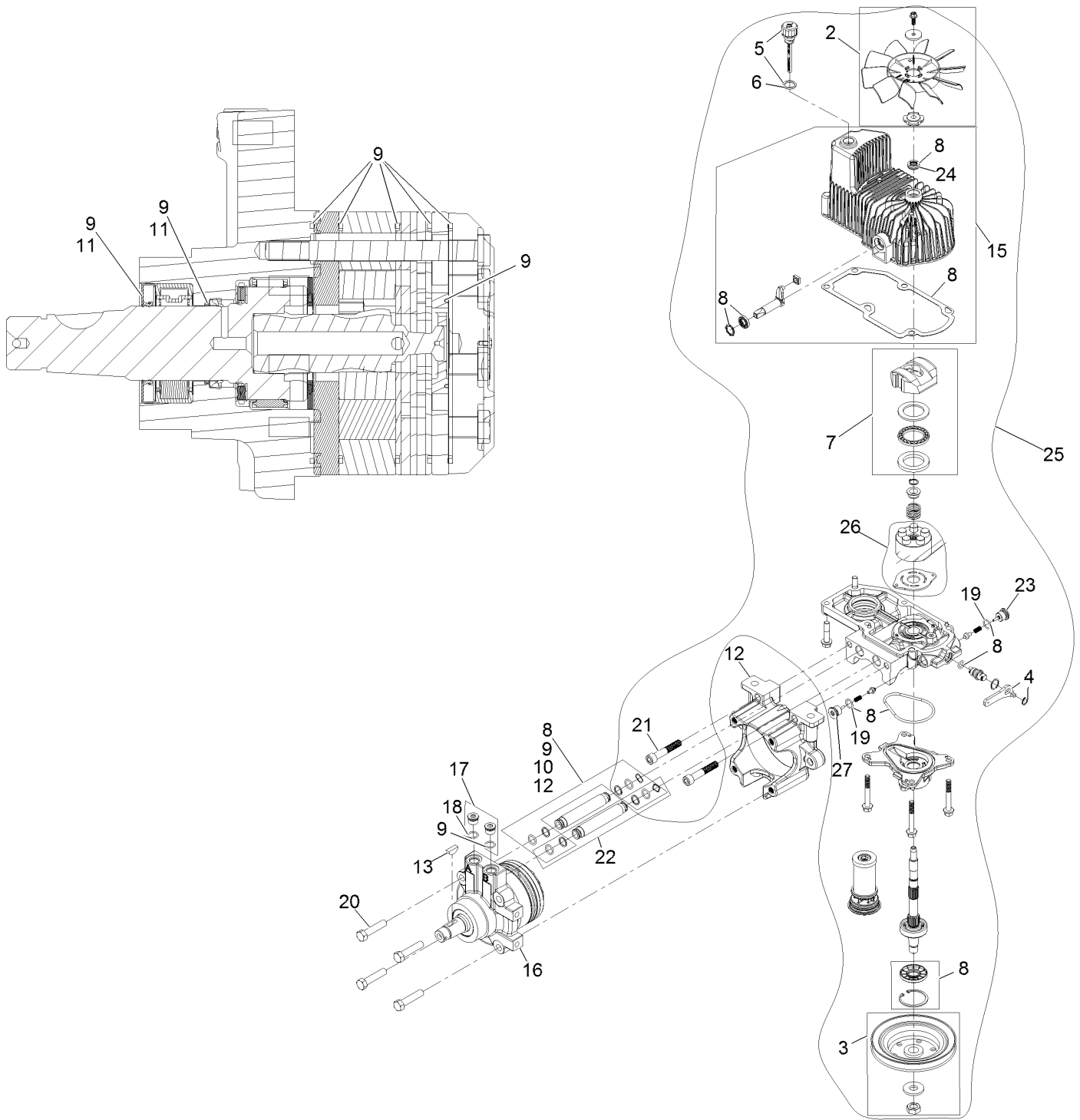


Hydraulic Assembly (continued)

<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	116-1255	1	Pump Idler ASM	13	116-0171	1	RH Hydro Guard ASM
2	109-6658	1	Nut-Nyloc 3/8-16 Flg	13:2	116-8726	1	Decal-Oil, Hydro
3	135-7903	1	Hydro-LH	14	109-9057	1	Guard-Hydro, Rear (LH)
4	126-9835	1	Belt-V	15	109-9058	1	Guard-Hydro, Rear (RH)
5	116-6317	1	Spring-Extension	16	1-803035	2	Rivet 3/16 X 1/4
6	116-7558	1	Cradle-Hydro	17	116-2362	1	Deflector-Air Flow
7	116-1502	1	Bolt-Shoulder, Carriage	18	109-9905	1	Sheave
8	126-0095	6	Screw-CARR	19	1-807259	1	Key-Machine 1/4 X 1/4 X 1
9	99-5107	6	Nut-Lock	99	109-9828	1	Oil-HYD, (Quart) ●
10	325-8	4	Screw-HH	99	116-0164	1	Filter-Hydro ●
11	135-7904	1	Hydro-RH	99	116-1218	1	Oil-HYD, 1 Gallon ●
12	116-0170	1	LH Hydro Guard ASM	99	126-8103	1	Kit, Hydro Service ●
12:2	116-8726	1	Decal-Oil, Hydro				

● Not illustrated

LH Hydro Assembly No. 135-7903

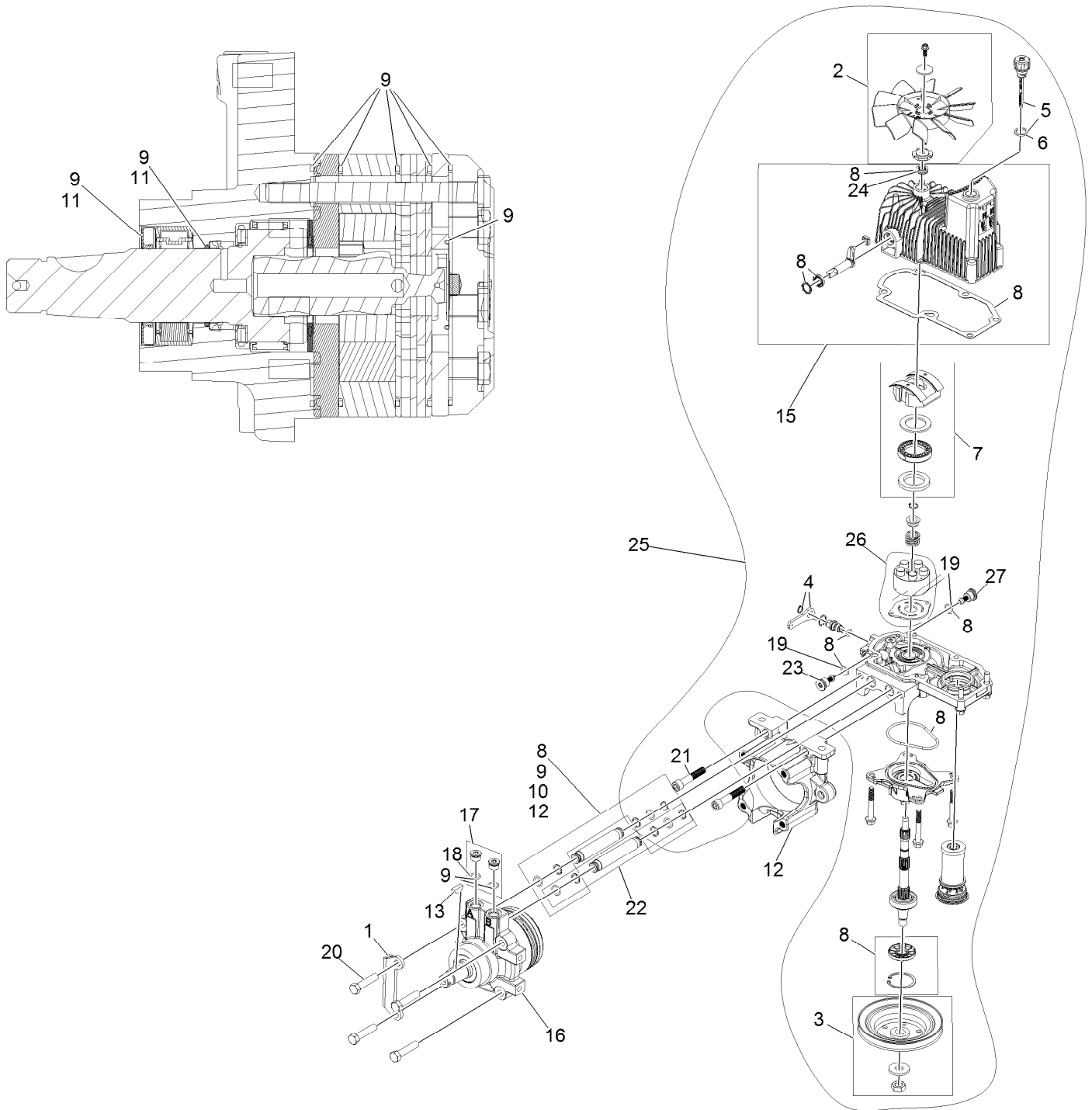


LH Hydro Assembly No. 135-7903 (continued)

<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	142-3603	1	Kit, 7.8 In Fan	17	116-7901	1	Magnetic Plugs Service Kit
3	116-0234	1	Pulley Kit	18	76-1900	2	O-Ring
4	116-0235	1	Handle	19	116-8662	2	O-Ring-Valve, Check
5	116-0236	1	Dipstick	20	116-8974	4	Screw-HH 1/2-20 X 2 1/4
6	116-0237	1	Gasket	21	116-8975	2	Screw-HSH 1/2-20 X 2 3/4
7	116-1367	1	Swash Block Kit	22	116-9922	2	Hydraulic Tube Kit
8	142-3604	1	Kit, Pump Seal	23	126-7466	1	Valve-Shock
9	116-1369	1	Motor Seal Kit	24	126-7711	1	Seal-Drive, Fan
10	116-1370	1	Tube Seal Kit	25	142-3609	1	Kit, Pump Section 12Cc LH
11	116-1371	1	Output Shaft Seal Kit	26	142-4500	1	Kit - 12Cc Port Plate, Rotate Grp
12	116-5469	1	Cup-Nose	27	142-4459	1	Shock Valve Orificed 3800
13	3257-42	1	Key-Woodruff 5/16 X 1	99	116-1373	1	Flow Test Kit ●
15	142-4460	1	Kit, Housing-Hydro LH	99	116-4245	1	Puller-Pulley ●
16	116-8915	1	Motor-Hydraulic				

● Not illustrated

RH Hydro Assembly No. 135-7904

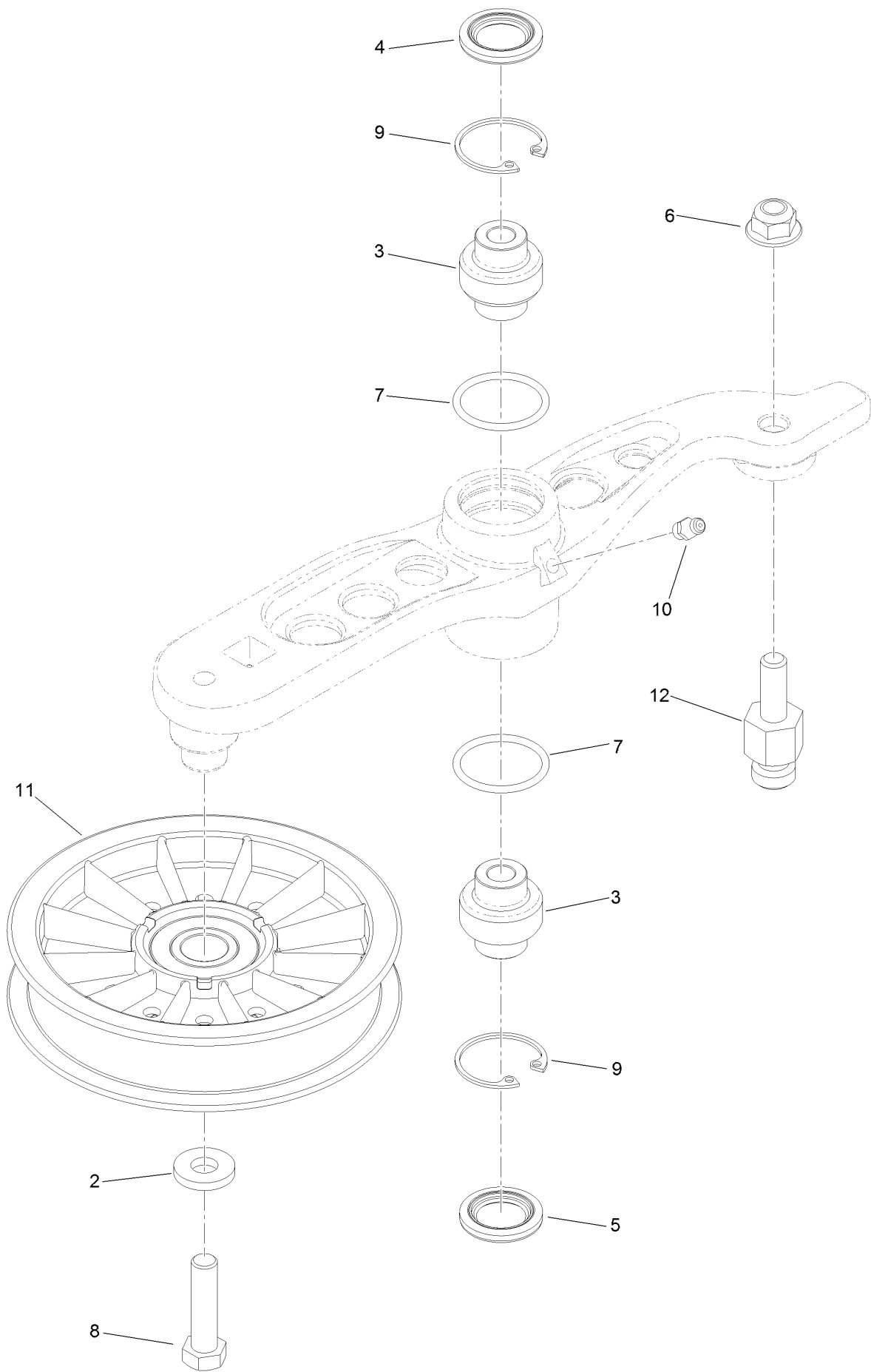


RH Hydro Assembly No. 135-7904 (continued)

<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	135-7827	1	Plate, Horse Shoe Mount	17	116-7901	1	Magnetic Plugs Service Kit
2	142-3603	1	Kit, 7.8 In Fan	18	76-1900	2	O-Ring
3	116-0234	1	Pulley Kit	19	116-8662	2	O-Ring-Valve, Check
4	116-0235	1	Handle	20	116-8974	4	Screw-HH 1/2-20 X 2 1/4
5	116-0236	1	Dipstick	21	116-8975	2	Screw-HSH 1/2-20 X 2 3/4
6	116-0237	1	Gasket	22	116-9922	2	Hydraulic Tube Kit
7	116-1367	1	Swash Block Kit	23	126-7466	1	Valve-Shock
8	142-3604	1	Kit, Pump Seal	24	126-7711	1	Seal-Drive, Fan
9	116-1369	1	Motor Seal Kit	25	142-3608	1	Kit, Pump Section 12Cc RH
10	116-1370	1	Tube Seal Kit	26	142-4500	1	Kit - 12Cc Port Plate, Rotate Grp
11	116-1371	1	Output Shaft Seal Kit				
12	116-5469	1	Cup-Nose	27	142-4459	1	Shock Valve Orificed 3800
13	3257-42	1	Key-Woodruff 5/16 X 1	99	116-1373	1	Flow Test Kit ●
15	142-4461	1	Kit, Housing-Hydro RH	99	116-4245	1	Puller-Pulley ●
16	116-8916	1	Motor-Hydraulic RH 240Cc				

● Not illustrated

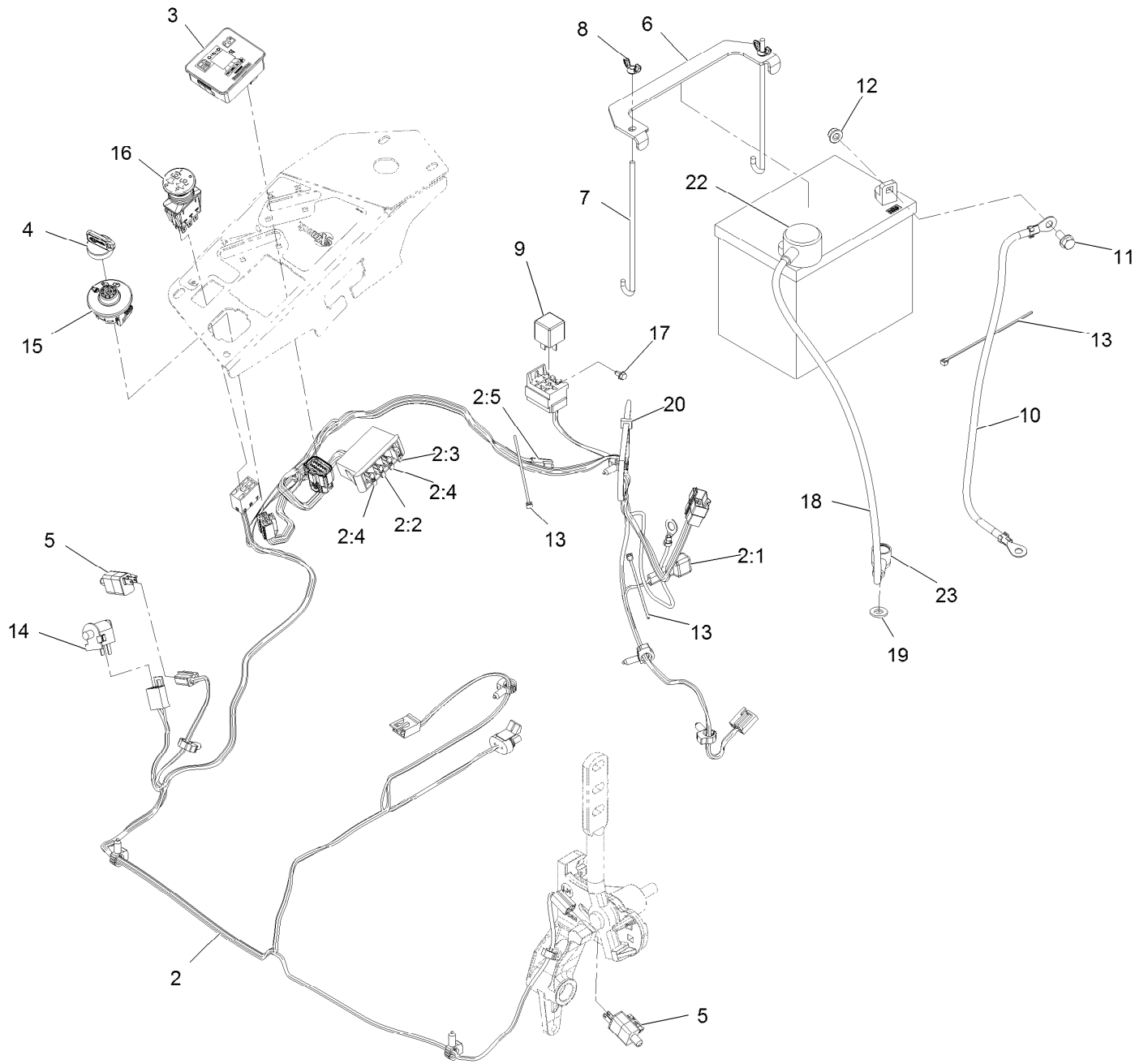
Pump Idler Assembly No. 116-1255



Pump Idler Assembly No. 116-1255 (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	43-0940	1	Spacer	8	323-8	1	Screw-HH
3	103-3504	2	Bearing-Spherical	9	32120-10	2	Ring-Snap
4	103-3505	1	Seal-Lip, Double	10	302-19	1	Fitting-Grease
5	103-3506	1	Seal-Lip, Single	11	109-8076	1	Pulley-Idler
6	109-6658	1	Nut-Flange, NI	12	132-4724	1	Pin-Anchor, Spring
7	106-7159	2	O-Ring				

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>
2	116-6009	1	Harness-Wire, Main ●	10	114-1218	1	Cable-Battery, Negative
2:1	103-3895	1	Diode	11	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
2:2	218-578	1	Fuse-Blade, 10 Amp	12	104-8300	2	Nut-Nyloc 5/16-18 Flg
2:3	109355	1	Fuse-Blade, 15 Amp	13	1-303287	3	Tie-Cable 5 1/2 (Small)
2:4	109102	2	Fuse-Blade, 25 Amp	14	82-2190	1	Switch
2:5	116-0053	1	Cap-Plug	15	137-4100	1	Switch-Ignition
3	117-3882	1	Fuel/Hour Meter ASM	16	135-3653	1	Switch, PTO 10A
4	1-603511	1	Key-Ignition	17	104-2065	1	Screw-HWH #10-24 X 3/8
4	103-2106	1	Key-Exmark Logo	18	115-3864	1	Cable-Battery, Positive
5	110-6765	2	Switch	19	3256-24	1	Washer-3/8 SAE
6	116-0042-03	1	Strap-Tie Down, Battery	20	3290-378	1	Tie-Cable
7	1-633651	2	Bolt-Holddown	22	109-2407	1	Insulator-Battery
8	1-543792	2	Wingnut-Nyloc 1/4-20	23	1-543393	1	Insulator-Solenoid
9	1-643275	1	Relay-12Vdc 40 Amp				

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

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 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 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 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 ENGINE OIL UTV FORMULATION

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

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	OPERATOR CONTROLLED DISCHARGE
FULL SUSPENSION SEAT	SUN SHADE
DECK LIFT ASSIST KIT	TRASH CONTAINER
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

CUSTOM RIDE SEAT SUSPENSION SYSTEM	SNOW BLADE
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

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER	TURF STRIPER
MICRO-MULCH SYSTEM	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) _____

© 2022 Exmark Mfg. Co., Inc.
415 Industrial Row
Beatrice, NE 68310
All Rights Reserved

Part No. 4506-163 Rev. A
(402) 223-6375
Fax (402) 223-5489
Printed in the USA.



* 4 5 0 6 - 1 6 3 * A

www.exmark.com