

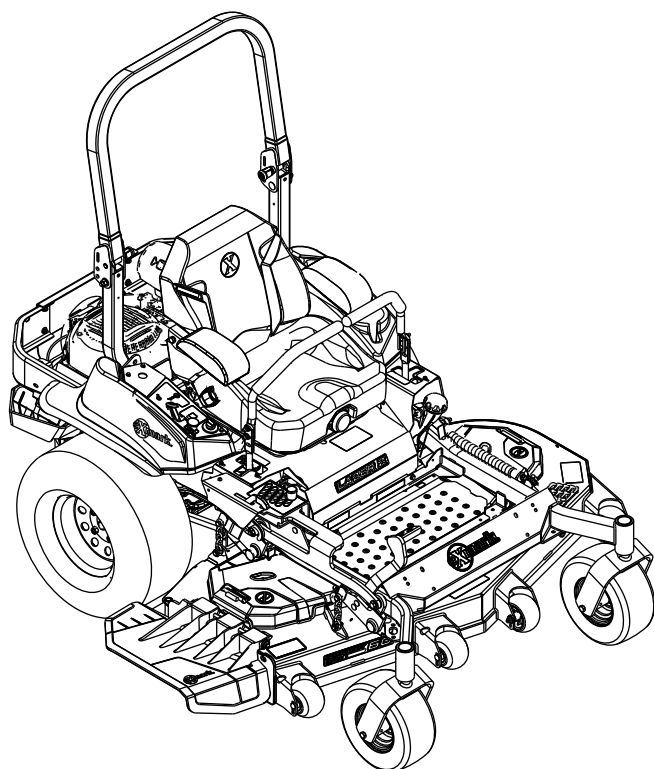


LAZER Z[®]

S-SERIES

Model No. LRS749AKC604A1—Serial No. 417930746 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

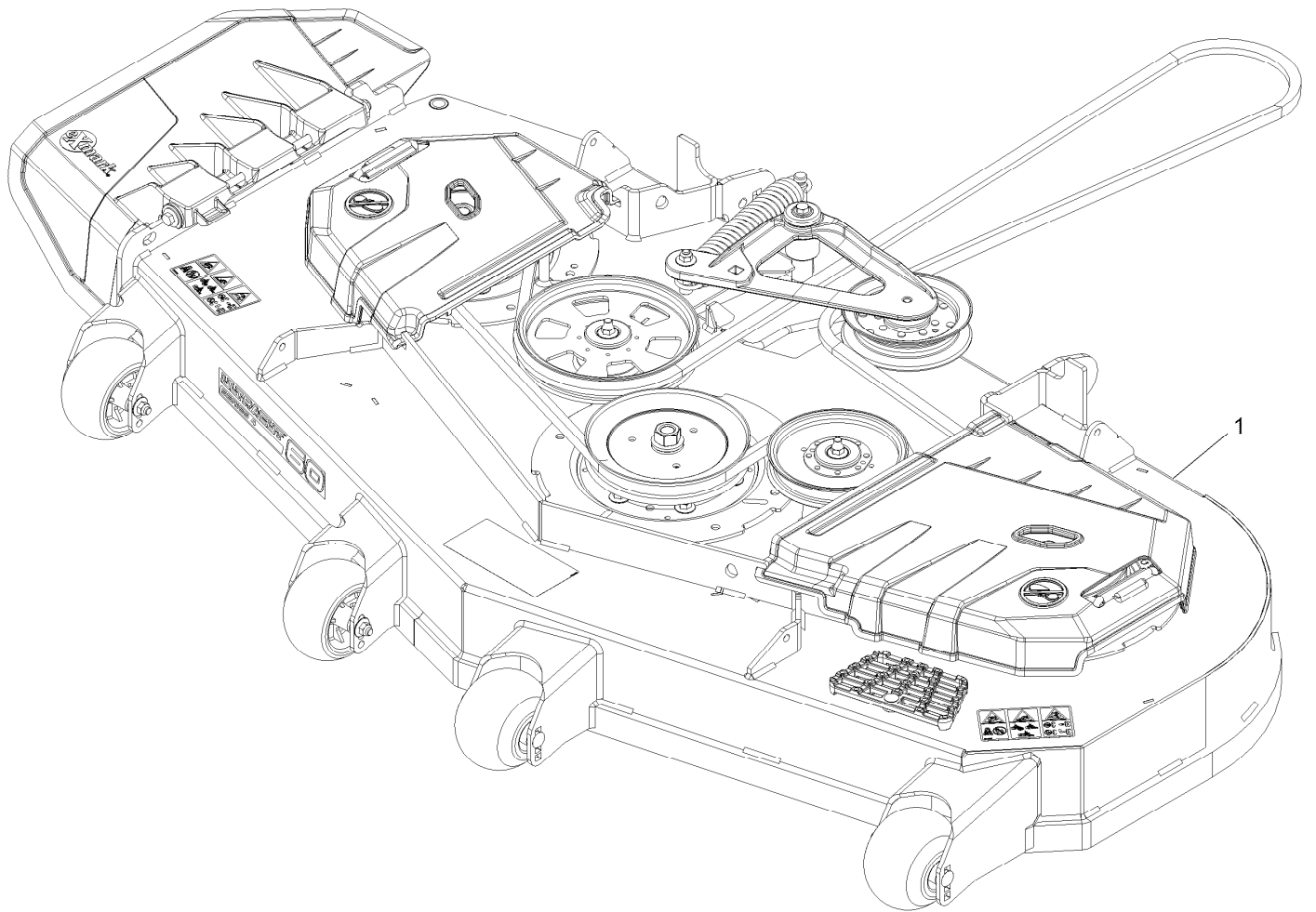
Exmark black touch up spray paint – gloss black.

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
Idler Assembly	8
Main Frame Assembly	10
S-Series Decal	12
Roll-Over Protection System	14
Roll Over Protection System (cont.)	16
Front Caster and Fork Assembly	18
Caster Wheel and Fork Assembly	20
Deck Lift Assembly	22
Controls Assembly	24
Motion Control Assembly	26
Rear Wheel Assembly	28
Park Brake Assembly	30
Seat Assembly	32
Seat Assembly (cont.)	34
Fuel System Assembly	36
Fuel Tank Assembly	38
Engine Assembly	40
Hydraulic Assembly	42
LH Hydro Assembly No. 135-7903	44
RH Hydro Assembly No. 135-7904	46
Pump Idler Assembly No. 116-1255	48
Electrical Assembly	50

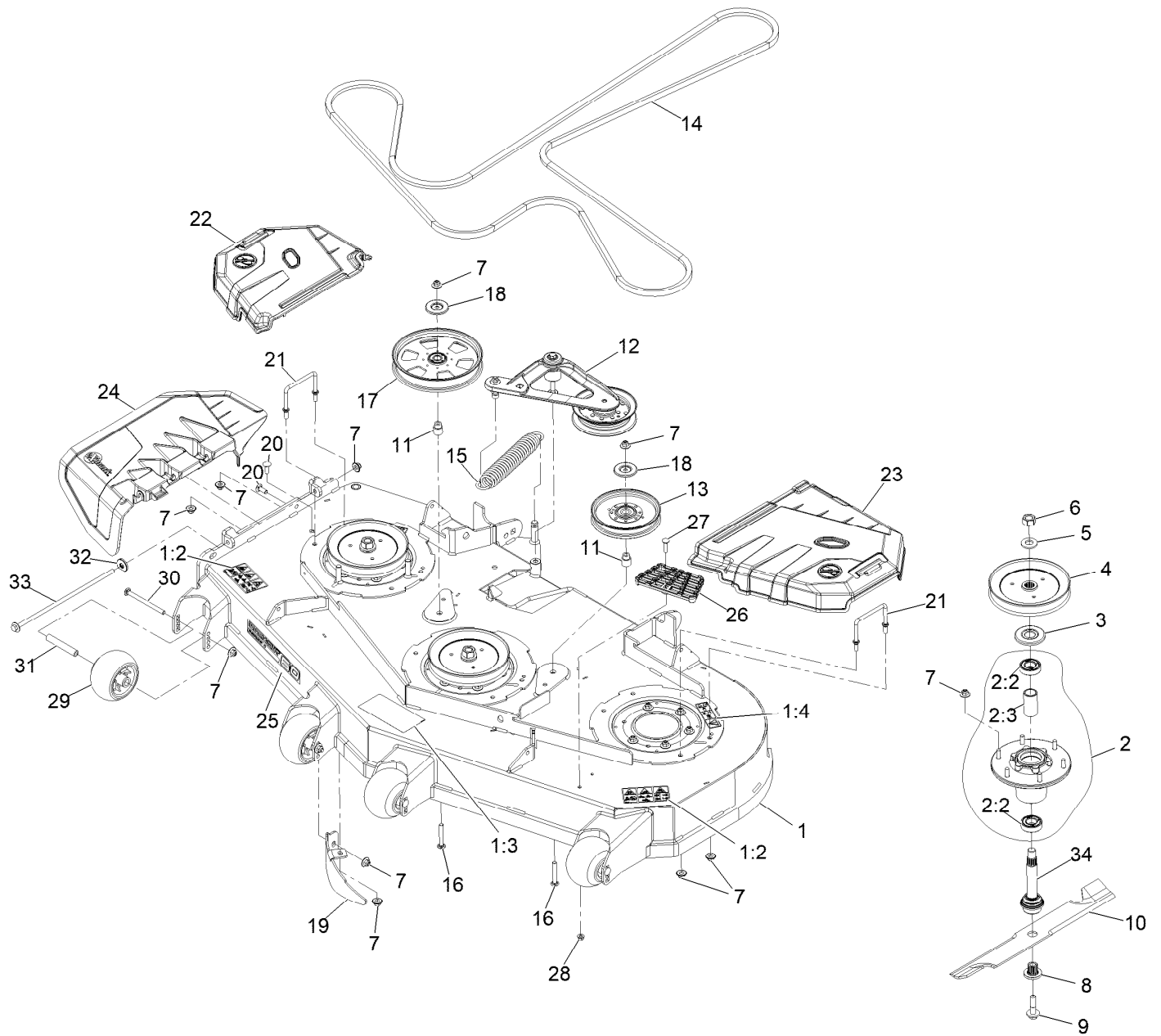
Complete Deck Assembly



Complete Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	146-6064	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	146-1330	1	Deck ASM, W/Decals 60	12	116-3755	1	Deck Idler ASM
1:2	126-6464	2	Decal-Danger Thrown Objects	13	126-7685	1	Idler-Pulley
1:3	146-3805	1	Decal-Anti-Scalp-Belt Routing	14	135-5774	1	Belt,V-5V-198.75
1:4	112-9028	2	Decal-Cover, Missing	15	116-6317	1	Spring-Extension
2	116-3344	3	ASM-Cutter Hsg With Bearings	16	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2
2:2	116-0720	2	Bearing-Ball	17	116-9639	1	Pulley-Idler, Flat
2:3	116-3312	1	Spacer-Bearing	18	126-8043	2	Shield-Dust
3	116-1286	3	Guard,Bearing Top .989	19	116-5614-01	1	Dogleg - Lz60
4	116-0676	3	Sheave,Blade Drive 7.25	20	3231-22	2	Bolt-Carriage 3/8-16 X 1
5	103-2802	3	Washer-Spring Disc 3/4	21	109-6982	2	Wireform-Cover
6	116-7306	3	Nut-Hex 3/4-16 W/Patch ▲	22	142-7105	1	Shield, Rt
7	109-6658	31	Nut-Nyloc 3/8-16 Flg	23	142-7104	1	Shield, Lt
8	103-3037	3	Bushing, Splined	24	142-7025	1	Chute-Deck Discharge
9	109-9220	3	Screw-Sems 1/2-20 X 2.19 □ ■	25	126-6589	1	Decal, 604
10	116-5174	3	Blade-Extreme 2, 20.50" ●	26	126-4781-03	1	Step-Deck
10	103-6403	3	Blade, Notched	27	3230-3	1	Bolt-Carriage 5/16-18 X 1 1/4
10	103-6393	3	Blade, Mulching ◆	28	104-8300	1	Nut-Nyloc 5/16-18 Flg
10	103-6388	3	Blade, Low Lift ●	29	146-1989	4	Roller-Scalp, Anti
10	103-6383	3	Blade, Solid ●	30	109-6795	4	Bolt-Carriage 3/8-16 X 5
11	1-633456	2	Bushing, Idler	31	146-1990	4	Spacer-Axle
				32	146-0943	1	Retainer, Chute
				33	142-8544	1	Pin, Chute
				34	116-3341	3	ASM-Spindle And Seal

● Optional Equipment

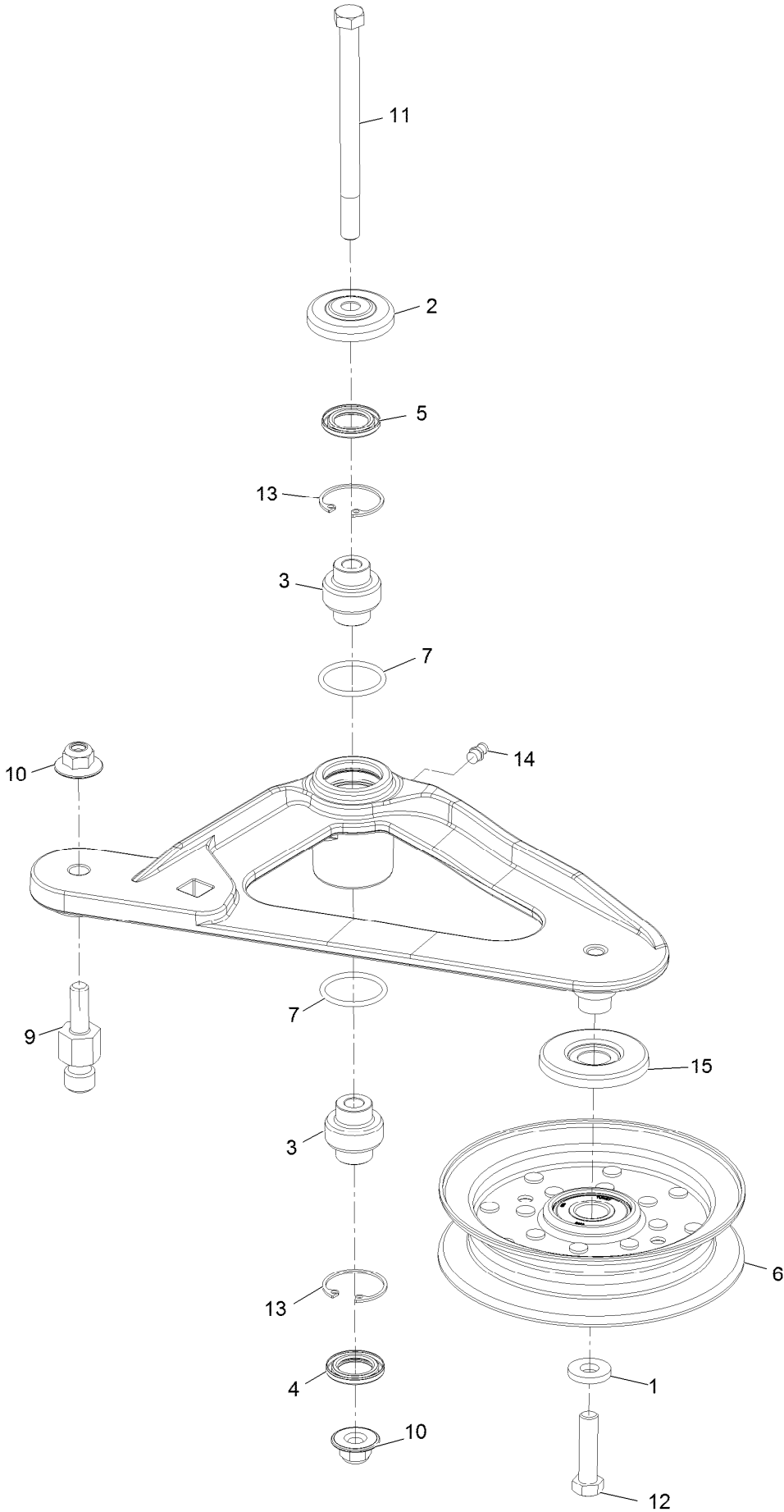
▲ Torque to 90-110 ft-lb

◆ 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 55-60 ft-lb

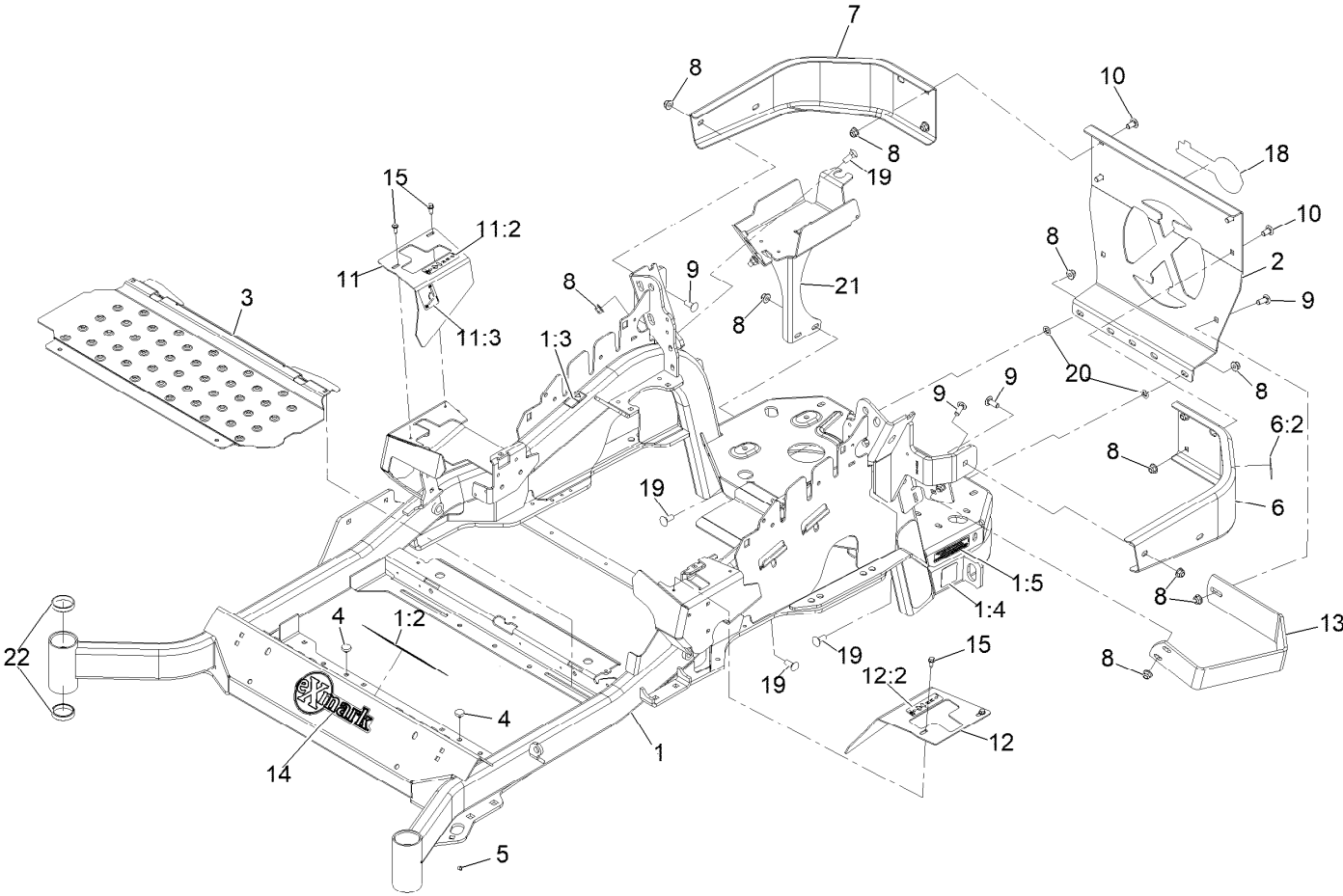
Idler Assembly



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

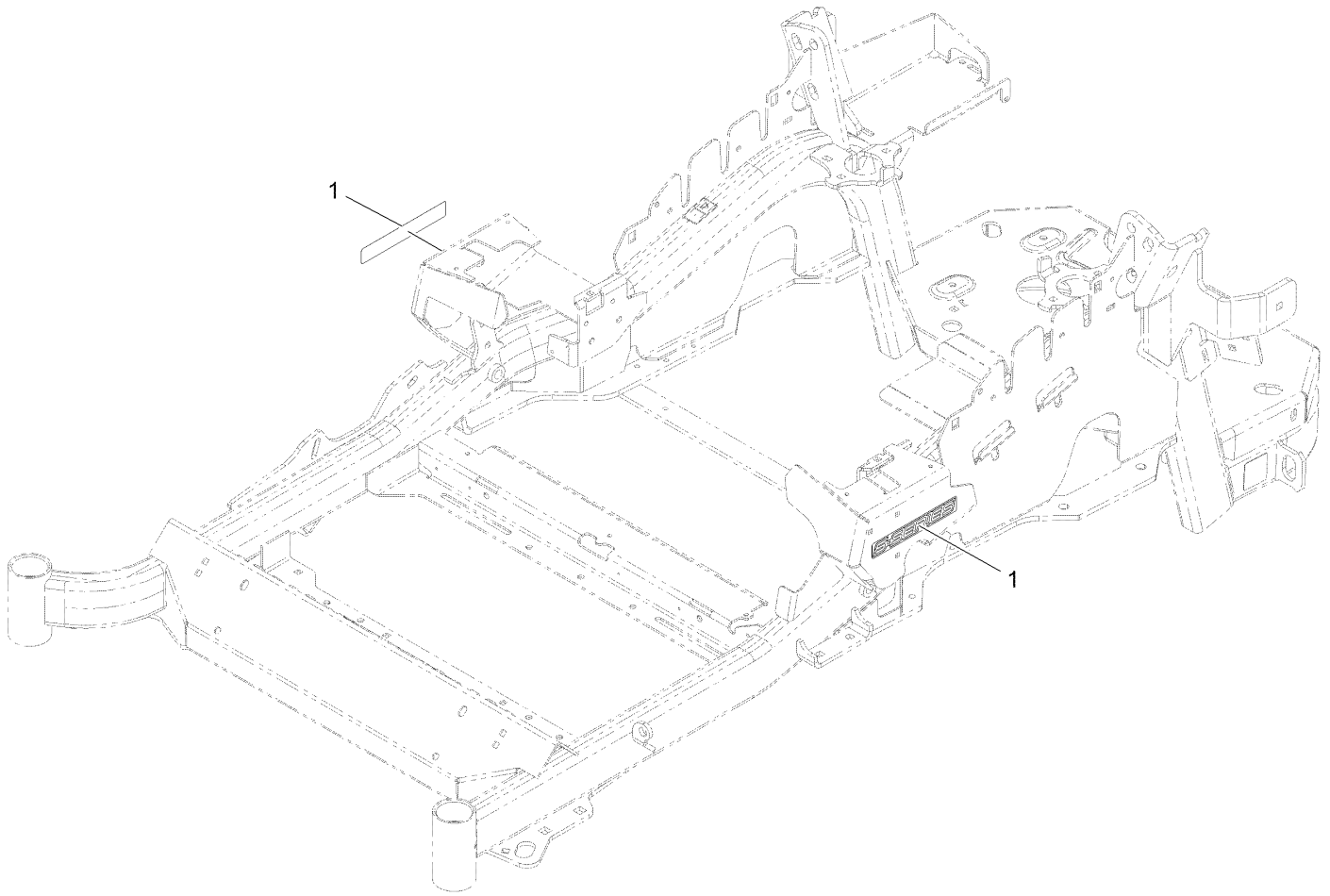
Main Frame Assembly



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	146-4924	1	Mainframe ASM-60 W/Decals	10	3231-21	4	Bolt-Carriage 3/8-16 X 3/4
1:2	133-8062	1	Decal-Spark Arrestor	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	132-0871	1	Decal-Danger	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	19	3231-2	6	Bolt-Carriage 3/8-16 X 1
7	116-0057-03	1	Bumper-RH	20	107-3154	2	Nut-Push 3/8-16
8	104-8301	15	Nut-Nyloc 3/8-16 Flg	21	146-3734-01	1	Weld-Battery Mount
9	3231-22	5	Bolt-Carriage 3/8-16 X 1	22	1-543508	4	Cup-Bearing Tapered Roller

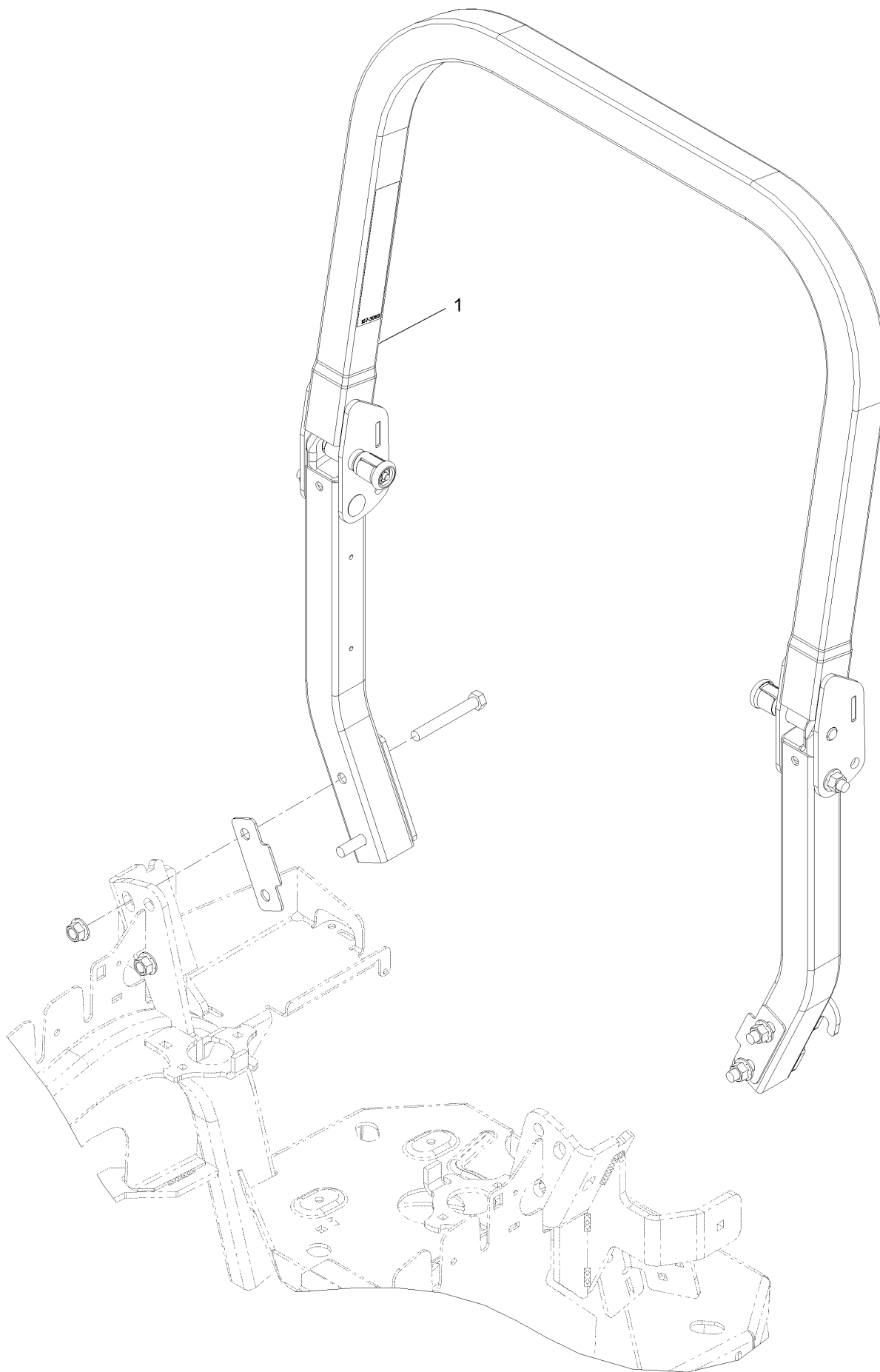
S-Series Decal



S-Series Decal (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	126-6572	2	Decal-S-Series

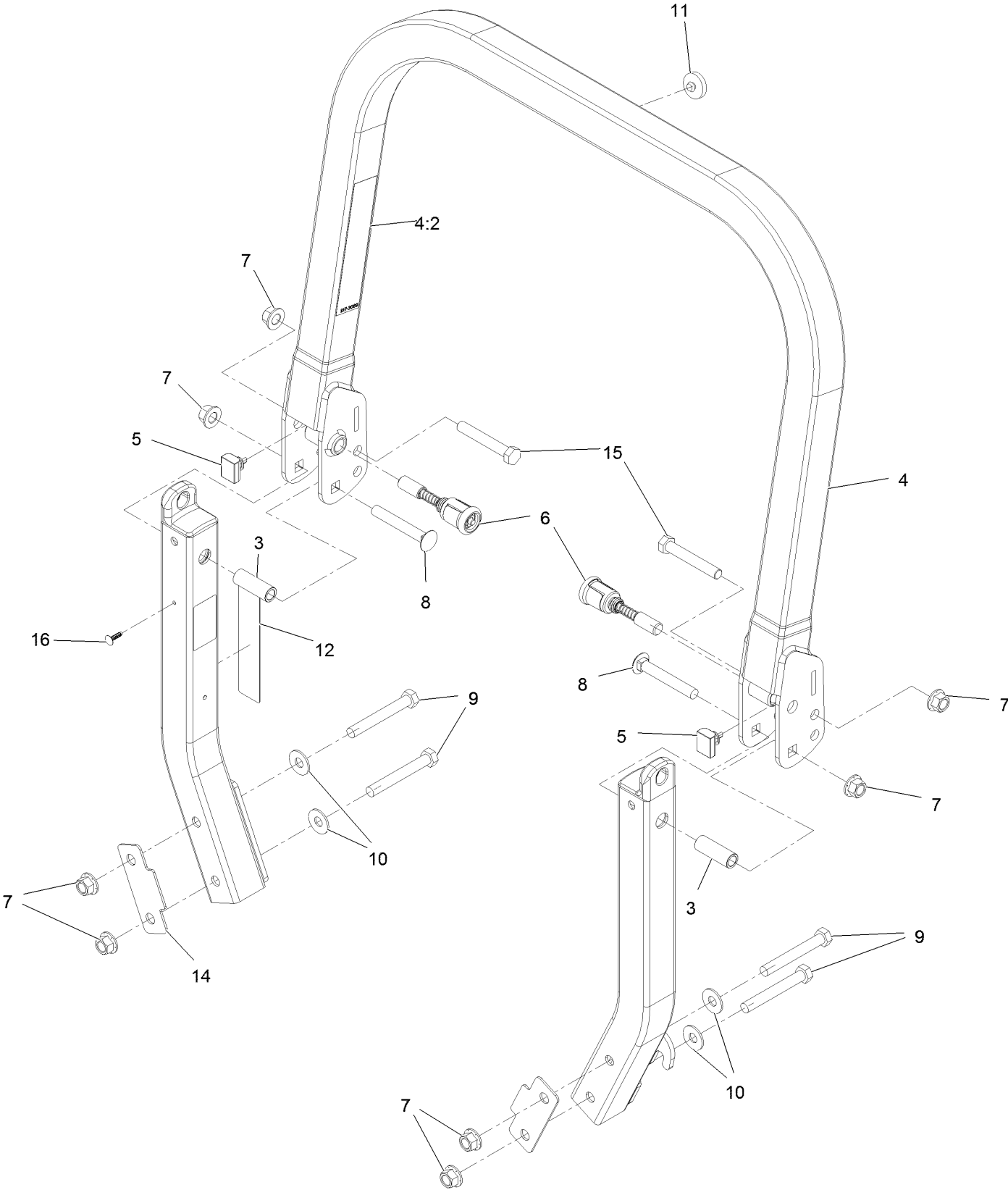
Roll-Over Protection System



Roll-Over Protection System (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-0230	1	ASM,ROPS Service Exmark

Roll Over Protection System (cont.)

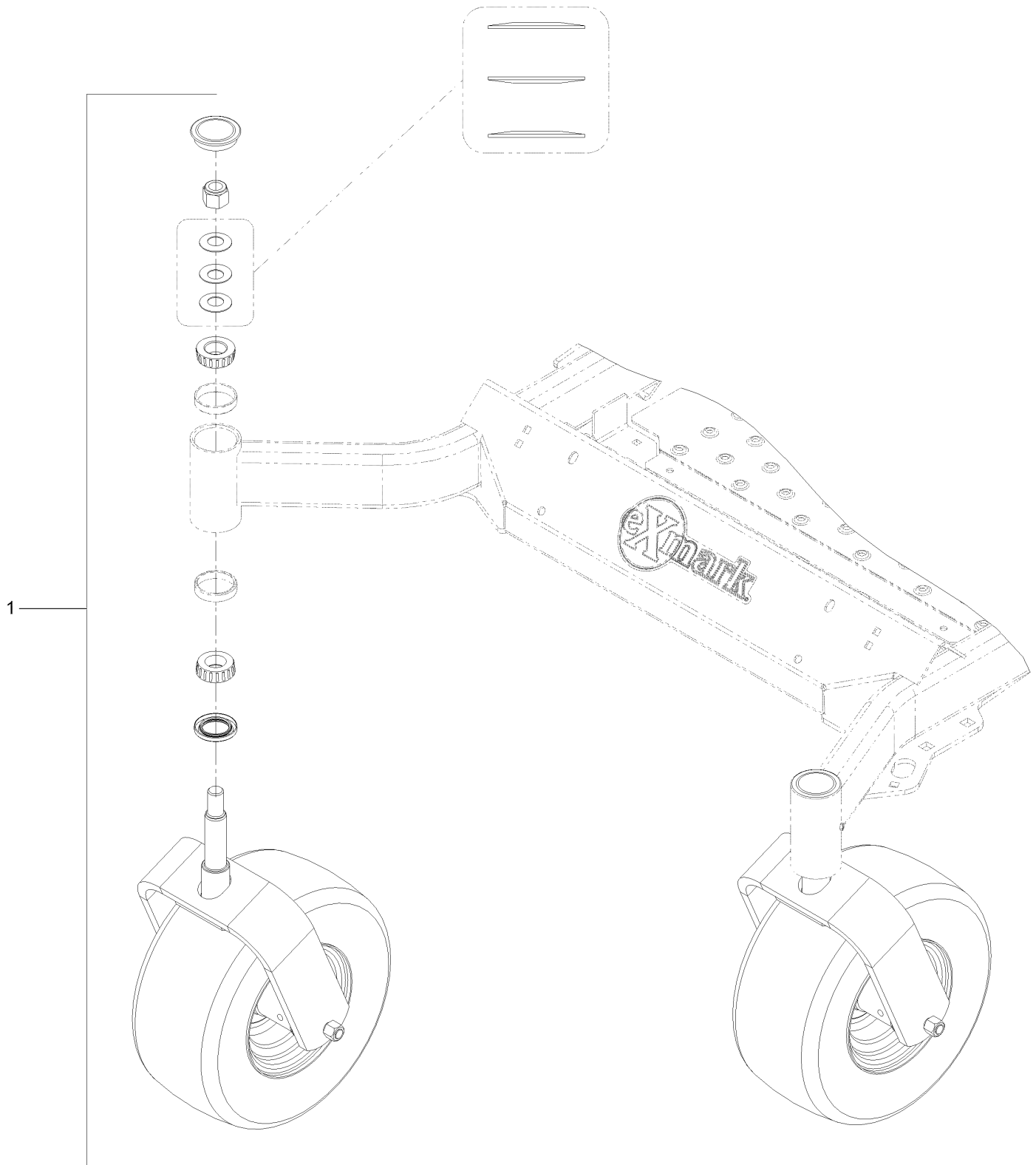


Roll Over Protection System (cont.) (continued)

<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>
3	109-6653	2	Spacer	9	325-35	4	Screw-HH
4	116-0019	1	Upper ROPS ASM	10	109-9505	4	Washer-Spring
4:2	107-3069	1	Decal-Warning	11	109-9233	1	Bumper-Push-In, Rubber
5	109-5337	2	Bumper-ROPS	12	117-0346	1	Decal-Caution, Fuel Vent
6	116-0104	2	Pin-Spring	14	116-0960	2	Spacer ●
7	99-5107	8	Nut-Lock	15	325-13	2	Screw-HH
8	3233-10	2	Screw-CARR	16	125-8067	1	Plug-Plastic

● Not required for some models

Front Caster and Fork Assembly

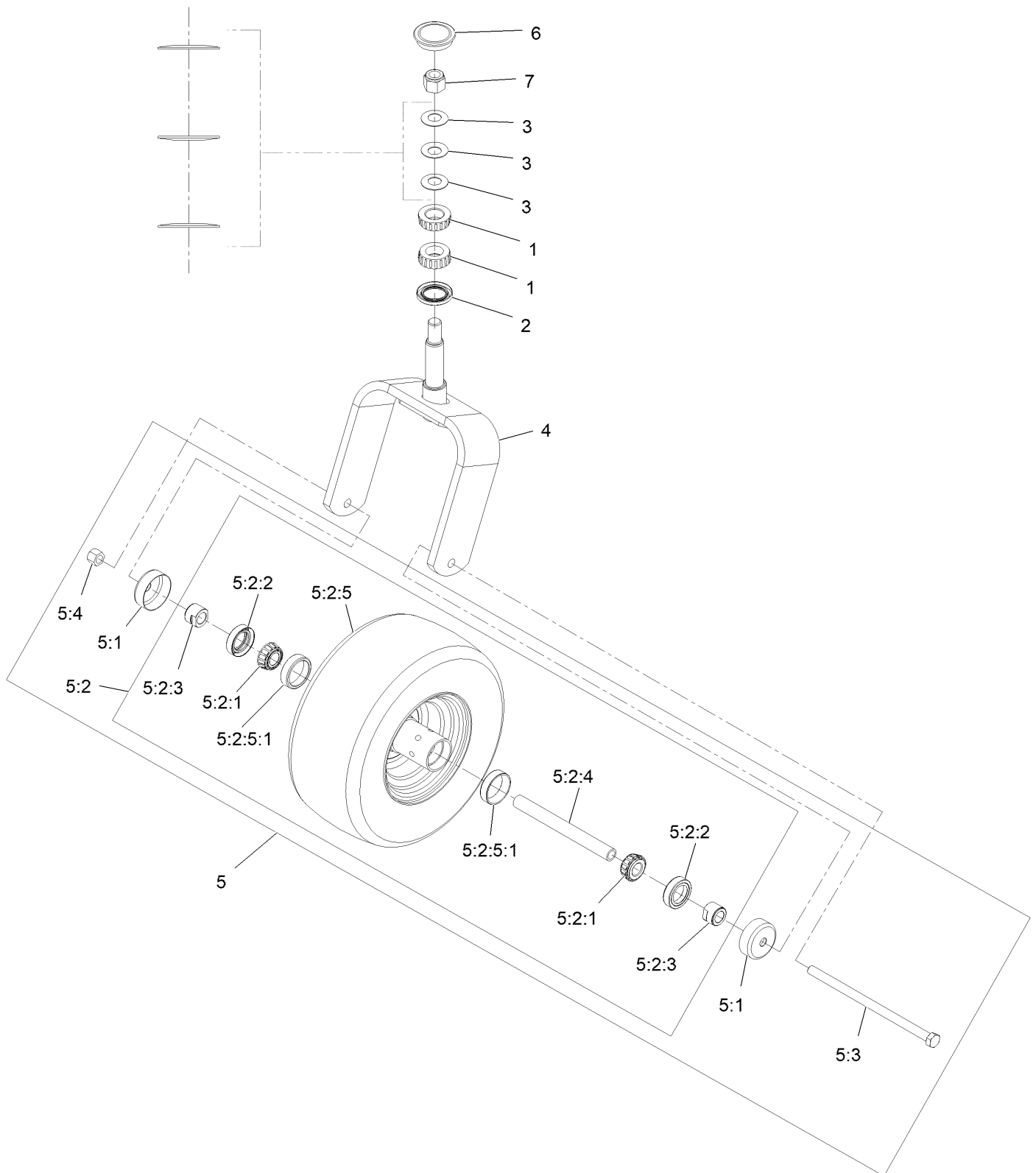


Front Caster and Fork Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		2	ASM, Caster & Fork Charcoal ●

● Not serviced separately

Caster Wheel and Fork Assembly



Caster Wheel and Fork 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	Bearing-Roller, Tapered	5:2:2	103-0063	2	Seal-Caster
2	116-5647	1	Seal-Grease	5:2:3	146-3933	1	Spacer-Nut ■
3	1-633508	3	Washer-Bellville	5:2:4	126-5361	1	Axle Caster ASM
4	116-6707-01	1	Caster	5:2:5		1	Wheel And Tire ASM Otr
5	146-4911	1	ASM, Wheel & Tire W/Axle				Charc ●
			Charc	5:2:5:1	1-633584	2	Bearing-Cup
5:1	103-2768	2	Guard-Seal	5:3	325-39	1	Screw-HH
5:2		1	ASM, Wheel & Tire W/Brgs	5:4	3296-23	1	Nut-Lock, NI
			Charc ●	6	103-4882	1	Cap-Grease
5:2:1	1-633585	2	Bearing-Cone, Taper	7	3296-51	1	Nut-Lock, NI

● Not serviced separately

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

This diagram is an exploded view of a mechanical assembly, likely a vehicle chassis or engine component. It shows the main housing and various sub-assemblies. Key components and their callouts include:

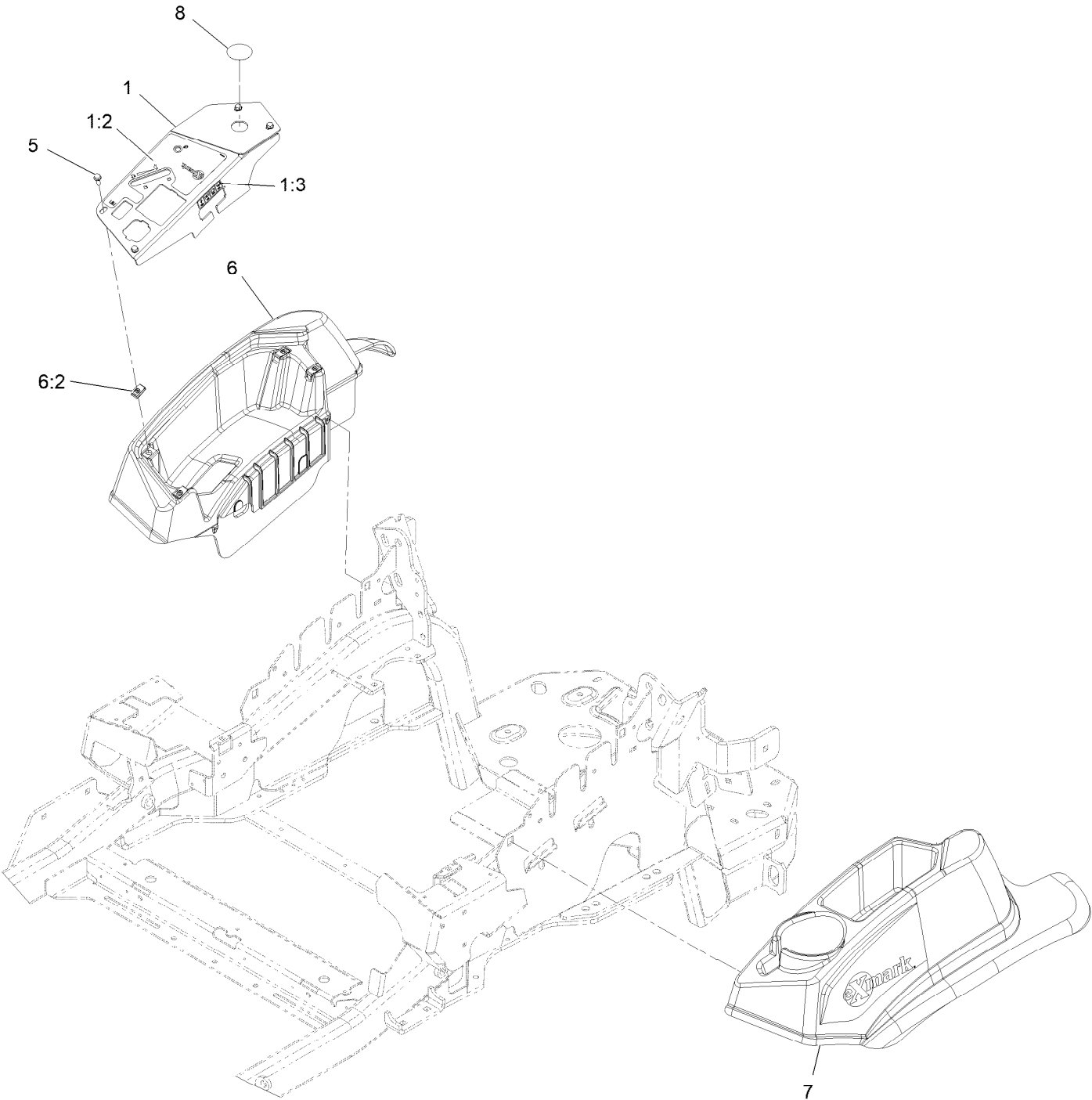
- Top Section:** Includes a long rail assembly (57, 56, 55, 61, 29, 51, 58, 59, 54, 5, 60) and a bracket assembly (32, 39, 19:2, 12, 19, 53, 23, 36, 63, 15, 35, 28).
- Right Section:** Shows a linkage assembly (6, 5, 4, 1:3, 1:2, 1, 3, 5, 4, 7, 3:2, 3:3, 4) and a bracket (6).
- Bottom Section:** Features a main housing (11, 33, 12, 21, 27, 26, 12, 22:3, 22:2, 22:1, 8, 25, 27, 16, 22, 14, 5, 13) and a central shaft assembly (18, 24, 31, 12, 9, 10, 24, 16).

The diagram uses dashed lines to indicate the assembly path and alignment of the components.

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	22:2	109-9065	1	Screw-HH 7/16-14 X 2
1:2	109-5009	2	Bushing-Suspension, Rubber	22:3	32128-37	1	Nut-Whizlock 7/16-14
1:3	109-5010	2	Spacer	23	3231-28	1	Bolt-Carriage 3/8-16 X 1 1/4
2	116-2022	1	Screw-Hex Flange 1/2-13 X 1.90	24	32128-37	6	Nut-Whizlock 7/16-14
3	109-5013	1	Panhard Rod ASM	25	109-9066	4	Yoke-Adjust, Deck
3:2	109-5009	2	Bushing-Suspension, Rubber	26	322-47	4	Screw-HH 5/16-18 X 1 1/4
3:3	109-5010	2	Spacer	27	3218-2	8	Nut-Jam 5/16-18
4	86-1990	6	Washer	28	146-4599-03	1	Weld-Xshaft Rear
5	99-5107	12	Nut-Lock 1/2-13	29	116-0780	2	Screw-Shoulder HHF 1/2-13 X 1.12
6	325-12	2	Screw-HH 1/2-13 X 3	30	146-4603-03	1	Link-Decklift
7	325-17	1	Screw-HH 1/2-13 X 4	31	116-0000	1	Spring-Extension
8	3233-34	3	Bolt-Carriage 1/2-13 X 2 1/2	32	142-9775	1	ASM- HOC Pin
9	127-0553	2	Support-Bearing, Cross Shaft (Rear)	33	116-1919-01	1	Lever-Foot
10	109-7173	2	Bearing-Cross Shaft, Rear	34	3256-28	2	Washer-3/4 SAE
11	3231-4	2	Bolt-Carriage 3/8-16 X 1 1/2	35	92-7674	1	Screw-SHCS 3/8-16 X 2.212
12	104-8301	11	Nut-Nyloc 3/8-16 Flg	36	3231-7	4	Bolt-Carriage 3/8-16 X 2 1/4
13	109-9409	2	Support-Bearing, Cross Shaft (Front)	37	142-8402	1	Bushing- Link
14	109-9410	2	Bearing-Cross Shaft, Front	39	87-6620	2	Screw-1/4-20 X 5/8 Torx
15	116-1700	4	Bolt-Carriage 1/2-13 X 2 1/2 Spl Neck	48	70-1160	1	Washer
16	109-9840	4	Screw-Hex Flange 3/8-16 X .80	50	142-9266	1	Plate- Pawl
18	109-9065	1	Screw-HH 7/16-14 X 2	51	142-9265	1	Plate- Pawl
19	146-4129	1	ASM-HOC Box W/ Decals	53	3229-4	1	Bolt-Carriage 1/4-20 X 1 1/2
19:2	146-4580	1	Decal-HOC	54	142-9115	1	Spacer- 0.50" OD
19:3	116-5988	1	Decal-Park Brake, CE	55	142-8309	1	Lever- Transport W/Grip
21	146-4600-03	1	Weld-Xshaft Front	56	3256-67	1	Washer
22	116-0756	4	Deck Lift Chain ASM	57	3296-56	1	Nut-Nyloc 1/4-20 Thin
22:1	1-633447	1	Chain-Lift, Deck	58	115-1958	1	Bolt-Shoulder
				59	605256	1	Spacer
				60	32144-4	1	Screw-HWH 1/4-20 X 1/2 Taptite
				61	142-8428	1	Spring- Extension
				62	3231-38	2	Bolt-Carriage 3/8-16 X 1 1/4
				63	109-6658	2	Nut-Nyloc 3/8-16 Flg

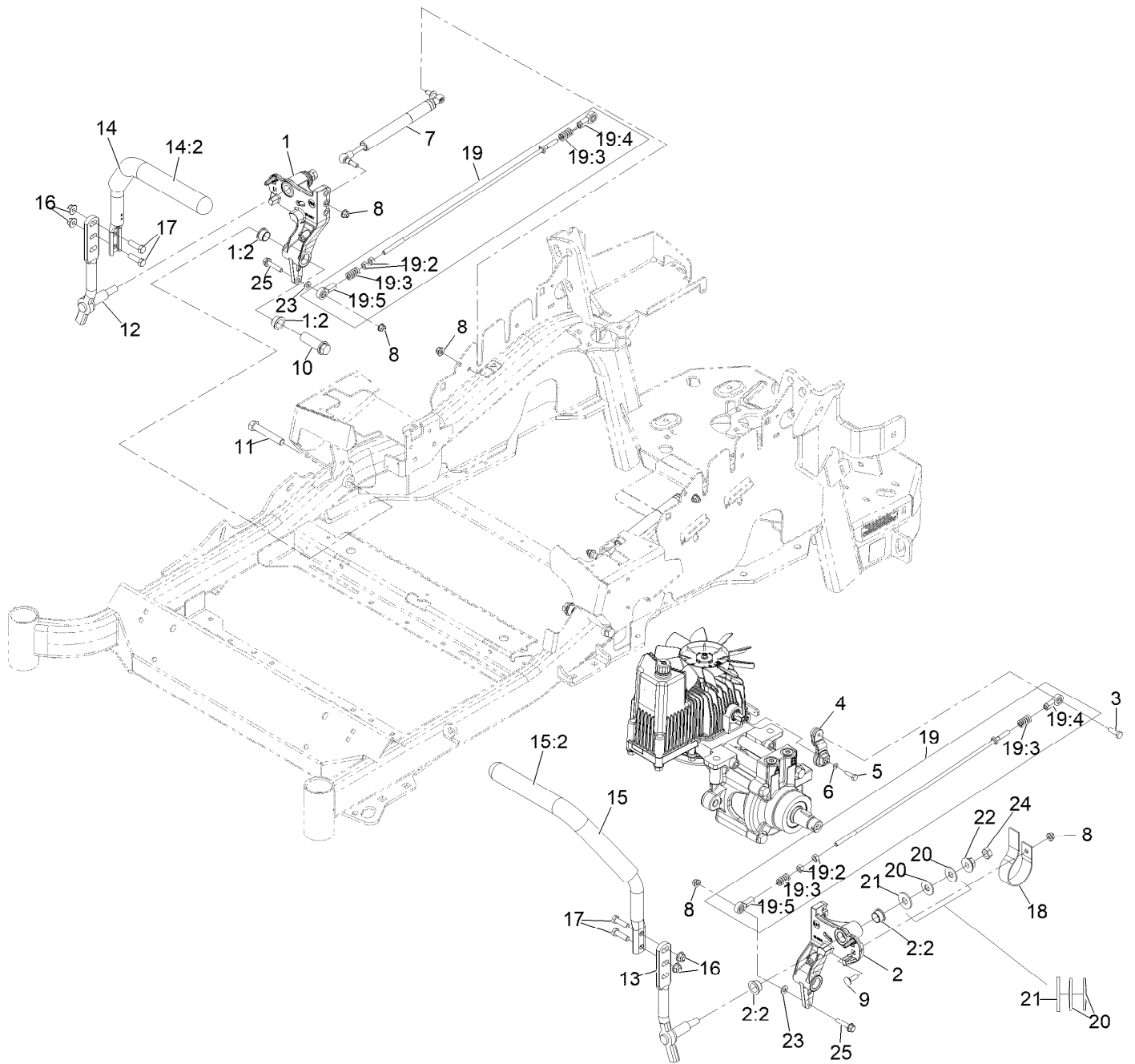
Controls Assembly



Controls 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	116-2845	1	ASM,Control Panel W/Decal	6	146-5071	1	ASM - RH Console
1:2	116-8725	1	Decal-Control Panel EFI	6:2	107069	4	Nut-Retainer-Panel 1/4-20
1:3	114-4466	1	Decal-Fuses	7	146-4637	1	Console-LH
5	32105-15	4	Screw-Machine 1/4-20 X 3/4	8	142-3251	1	Decal-Cover 12V

Motion Control Assembly

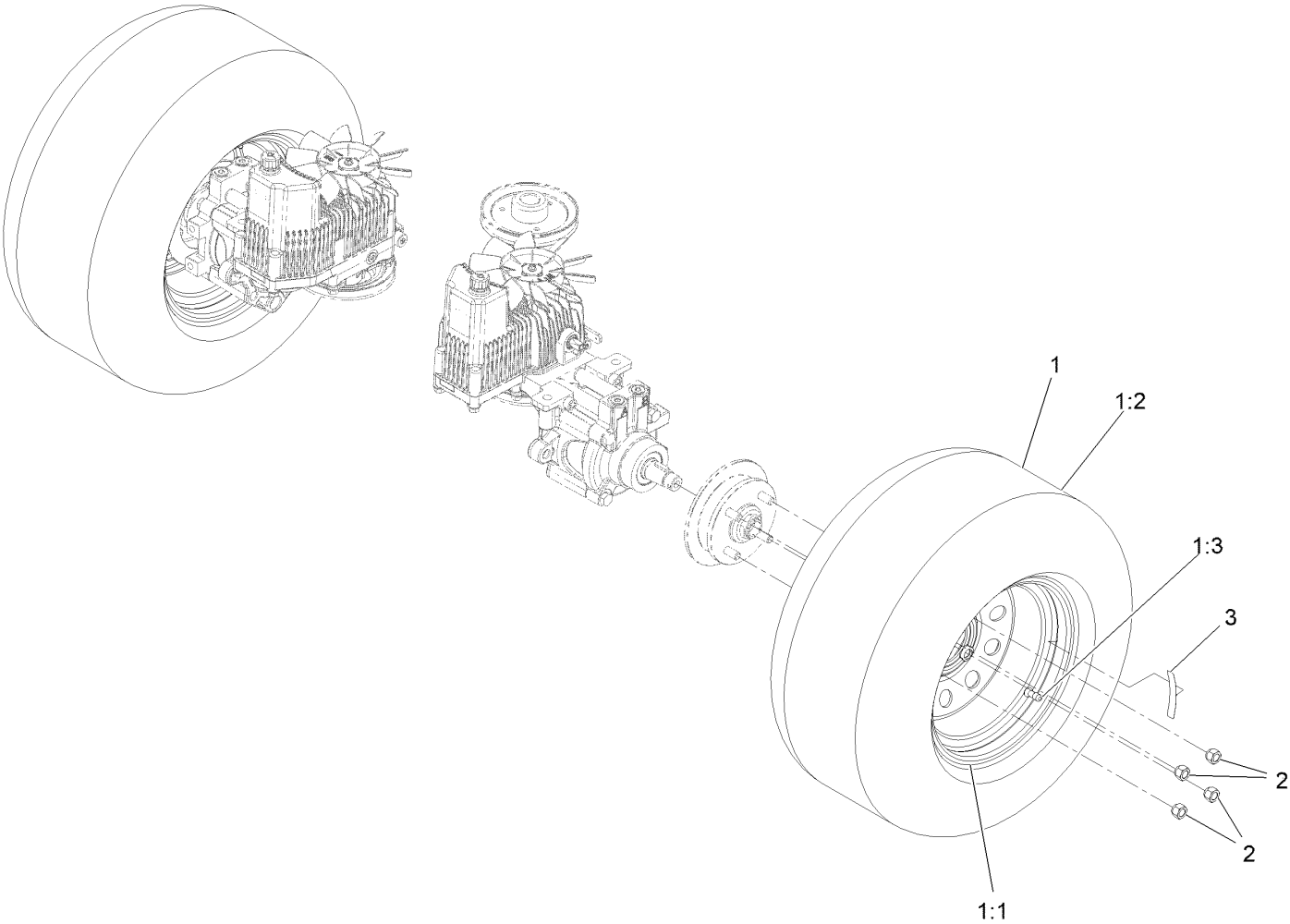


Motion Control Assembly (continued)

<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	146-0859	2	Damper, Motion Control	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.

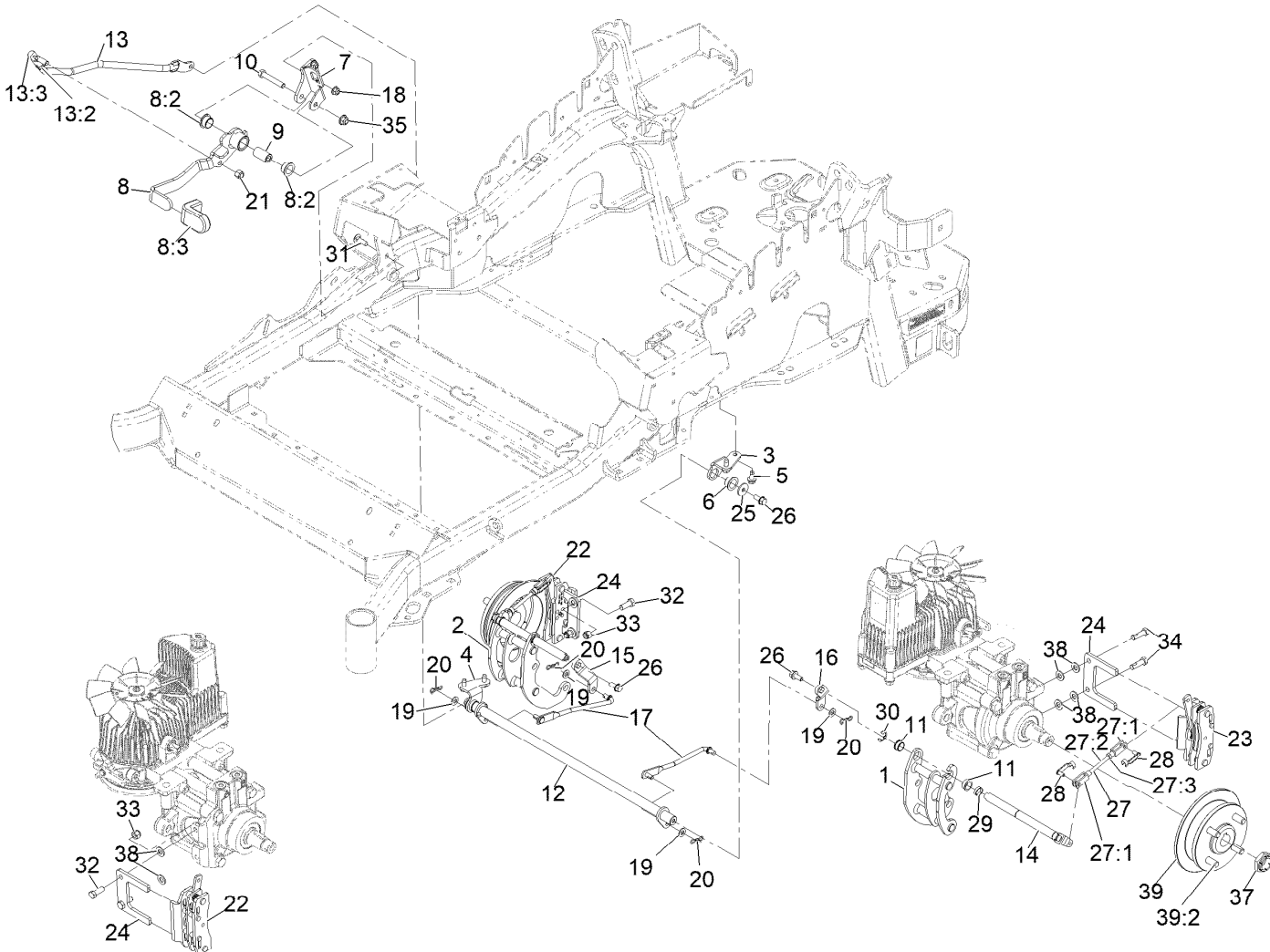
Rear Wheel Assembly



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	146-4918	2	Wheel And Tire ASM Charcoal	1:3	232-27	1	Stem-Valve
1:1	146-4921	1	Rim-Charcoal	2	139-2564	8	Nut-Lug
1:2	146-0590	1	Tire-24X12-12	3	126-2055	2	Decal-Torque, Wheel Hub Lug

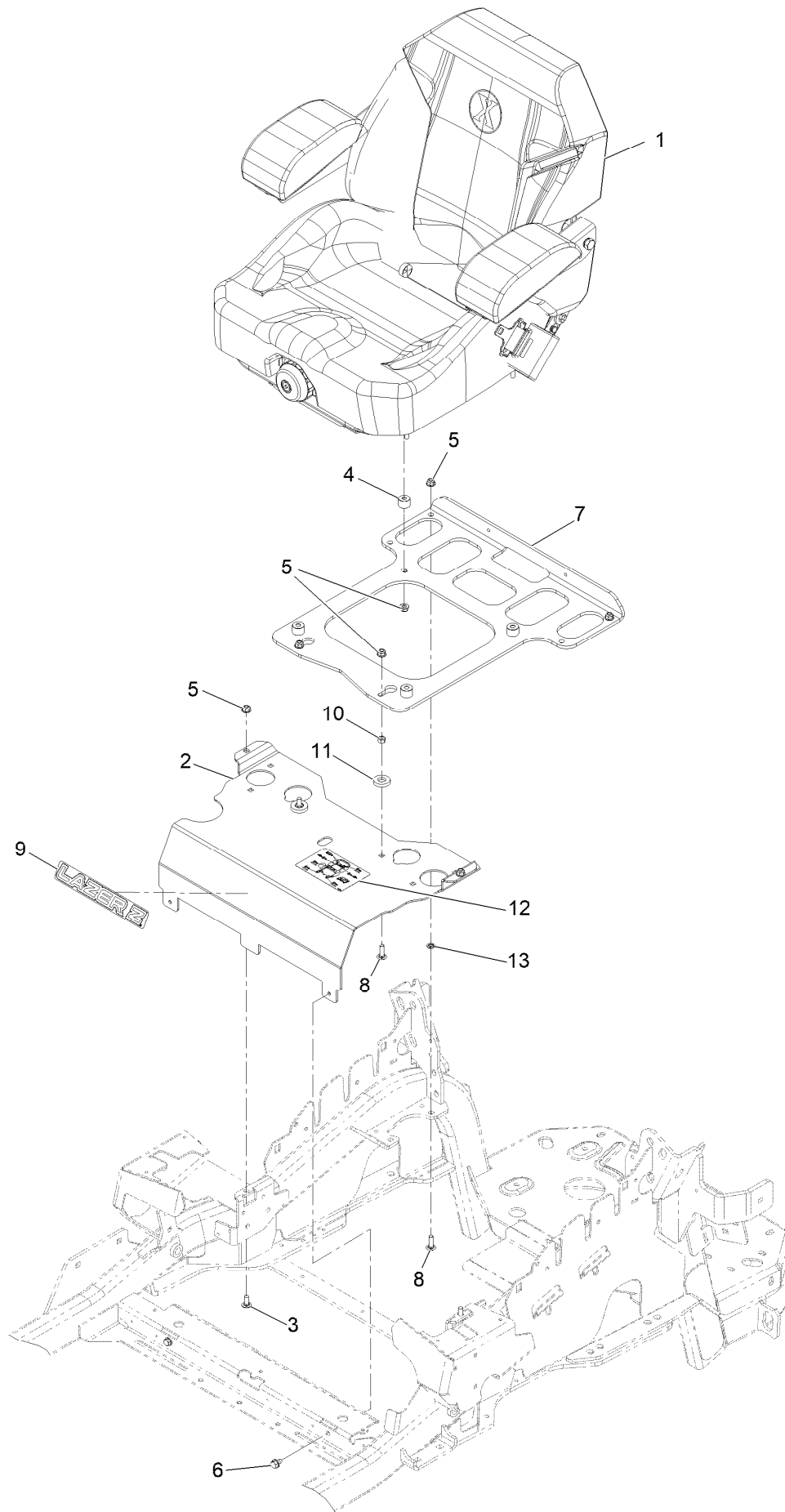
Park Brake Assembly

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

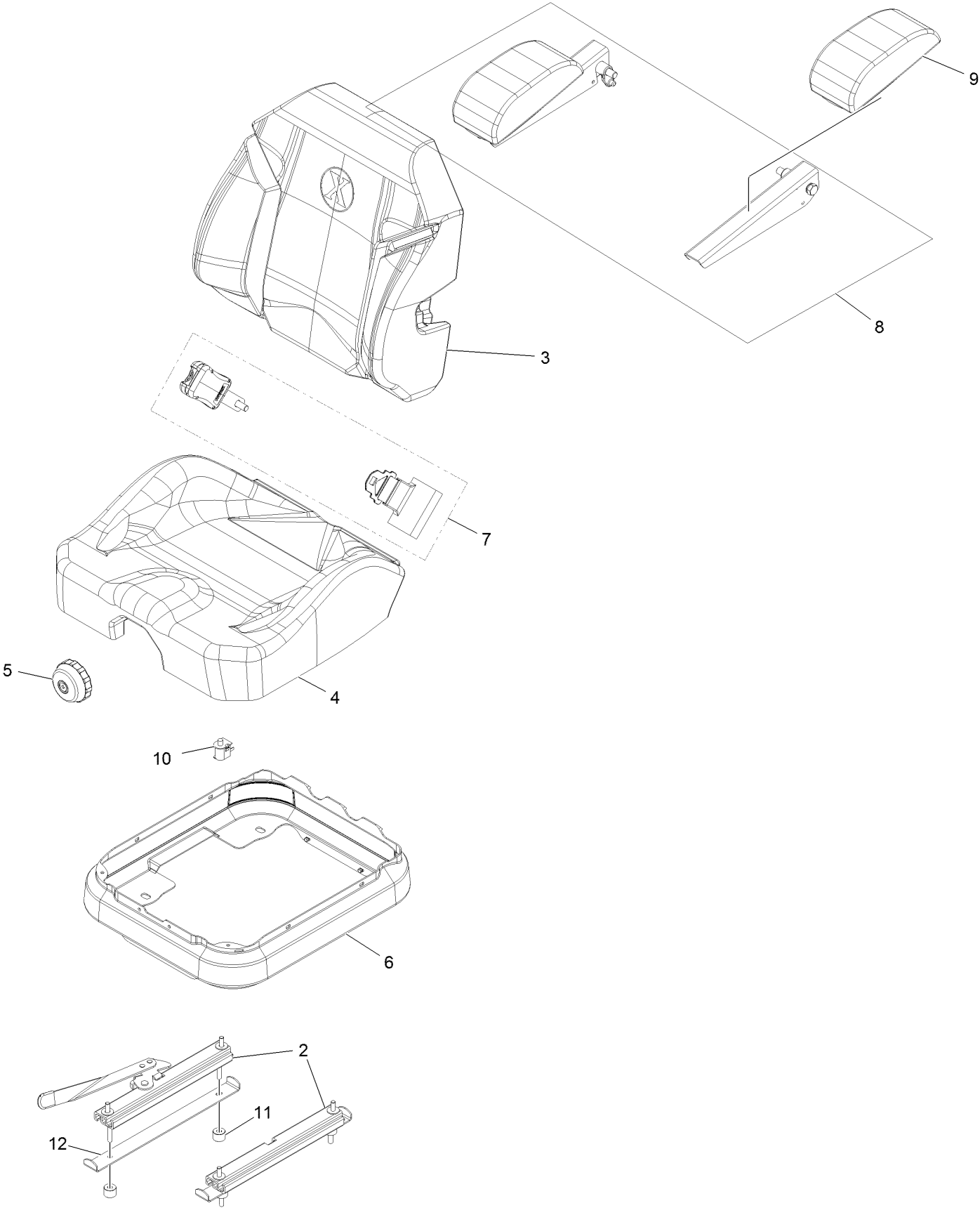
Seat Assembly



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	8	3230-22	4	Bolt-Carriage 5/16-18 X 1 Sp
2	116-2130-03	1	Panel-Front, Seat Mount	9	126-6574	1	Decal, Lazer Model
3	3230-23	2	Bolt-Carriage 5/16-18 X 3/4 Short Neck	10	3217-6	2	Nut-Hex 5/16-18
4	116-9329	4	Spacer	11	1-323539	2	Spacer-Blade Drive
5	104-8300	10	Nut-Nyloc 5/16-18 Flg	12	114-4465	1	Decal-Service Aid
6	9266934	2	Screw-HWH 5/16 X 1/2 Tf	13	117-2749	2	Nut-Push
7	146-5609-03	1	Plate - Support, Seat [black]				

Seat Assembly (cont.)

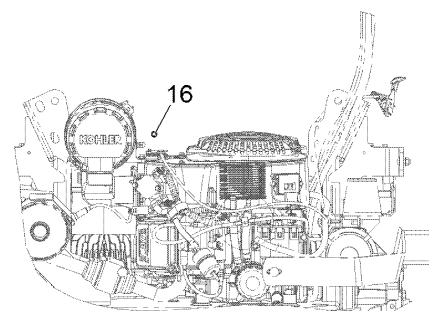
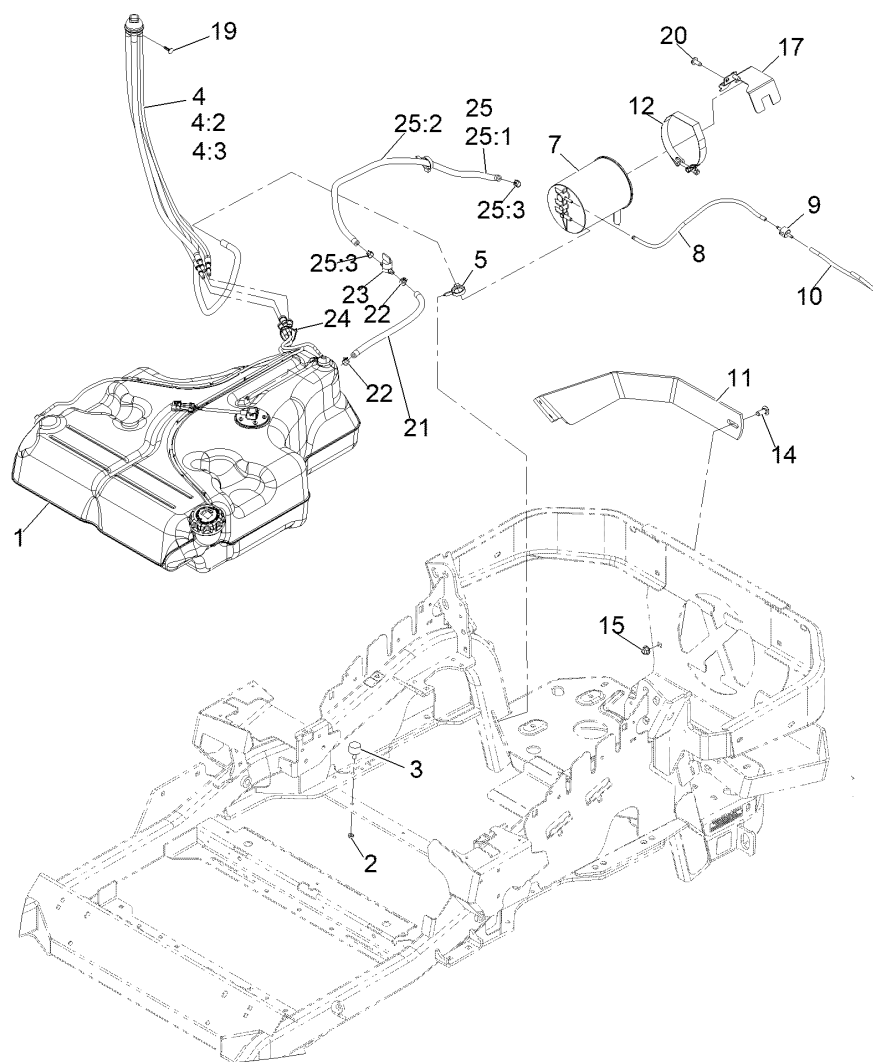


Seat Assembly (cont.) (continued)

<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

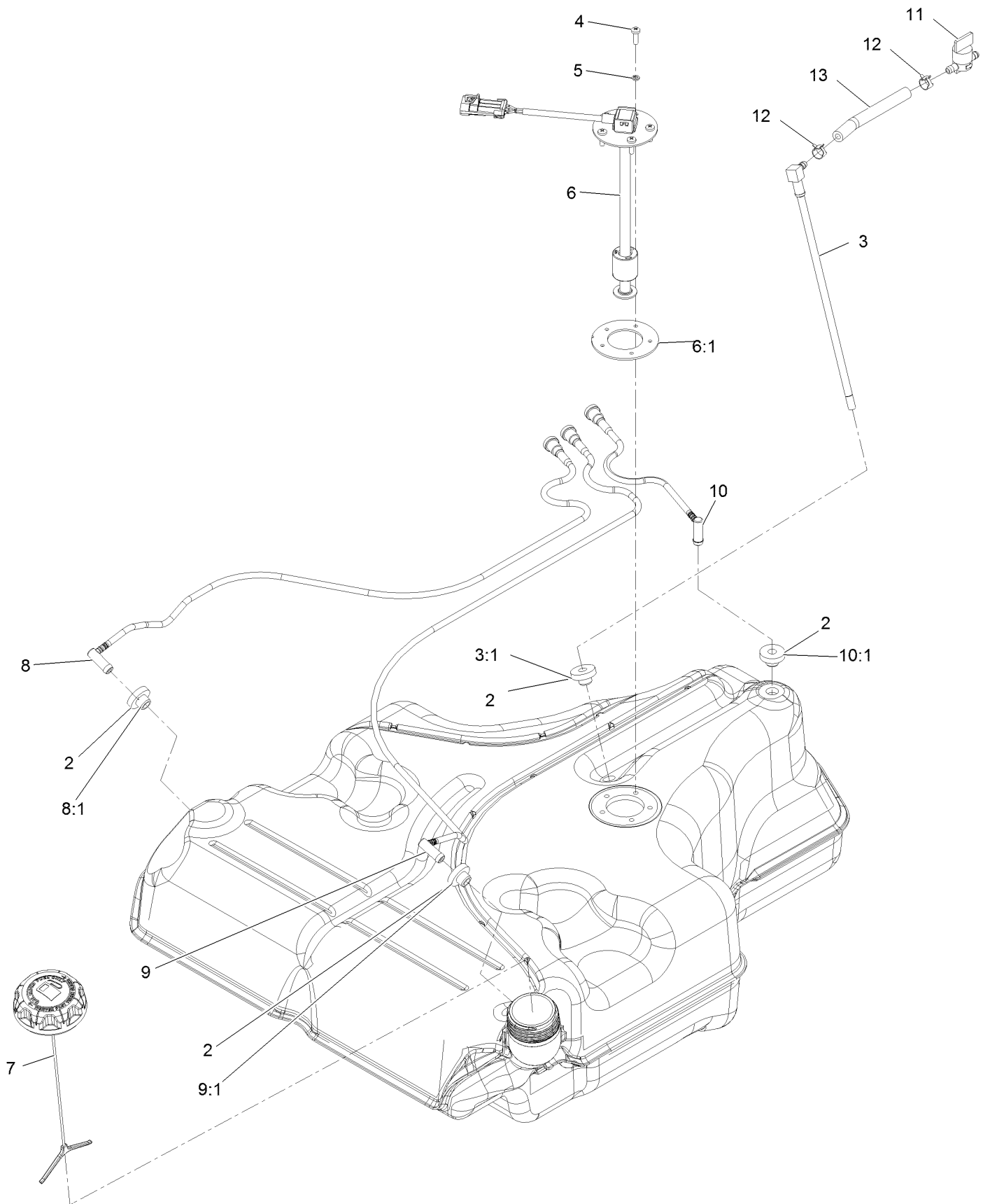
Fuel System Assembly



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	135-0643	1	Fuel Tank ASM	15	104-8301	1	Nut-Nyloc 3/8-16 Flg
2	3218-1	2	Nut-Jam 1/4-20	16	116-4464	1	Plug-Port
3	1-523420	2	Bumper	17	146-4026-01	1	Mount-Canister
4	127-0583	1	Fuel Manifold Vent ASM	19	125-8067	1	Plug-Plastic
4:2	109-0302	3	Hose-Fuel Line 24"	20	138-9753	2	Screw-Button Head 5/16-18 X 3/4 Tf
4:3	108-5376	1	Hose-Fuel	21	107-0589	1	Hose-Fuel
5	105-1853	1	Clamp-Hose	22	2412-98	2	Clamp-Hose
7	116-1442	1	Canister-Carbon, 1200Cc	23	1-603770	1	Valve-Fuel
8	116-2963	1	Hose-Vent, Formed	24	1-303287	1	Tie-Cable 5 1/2 (Small)
9	133-8499	1	Valve-Check, Vacuum	25	126-0231	1	Fuel Line ASM
10	119-4235	1	Hose-Vent, Formed	25:1	109-0284	1	Hose-Fuel Line 29"
11	116-1432-03	1	Strap-Guard	25:2	126-0232	1	Sleeve-Thermal
12	116-2228	1	Clamp, T-Bolt	25:3	2412-98	2	Clamp-Hose
14	3231-22	1	Bolt-Carriage 3/8-16 X 1				

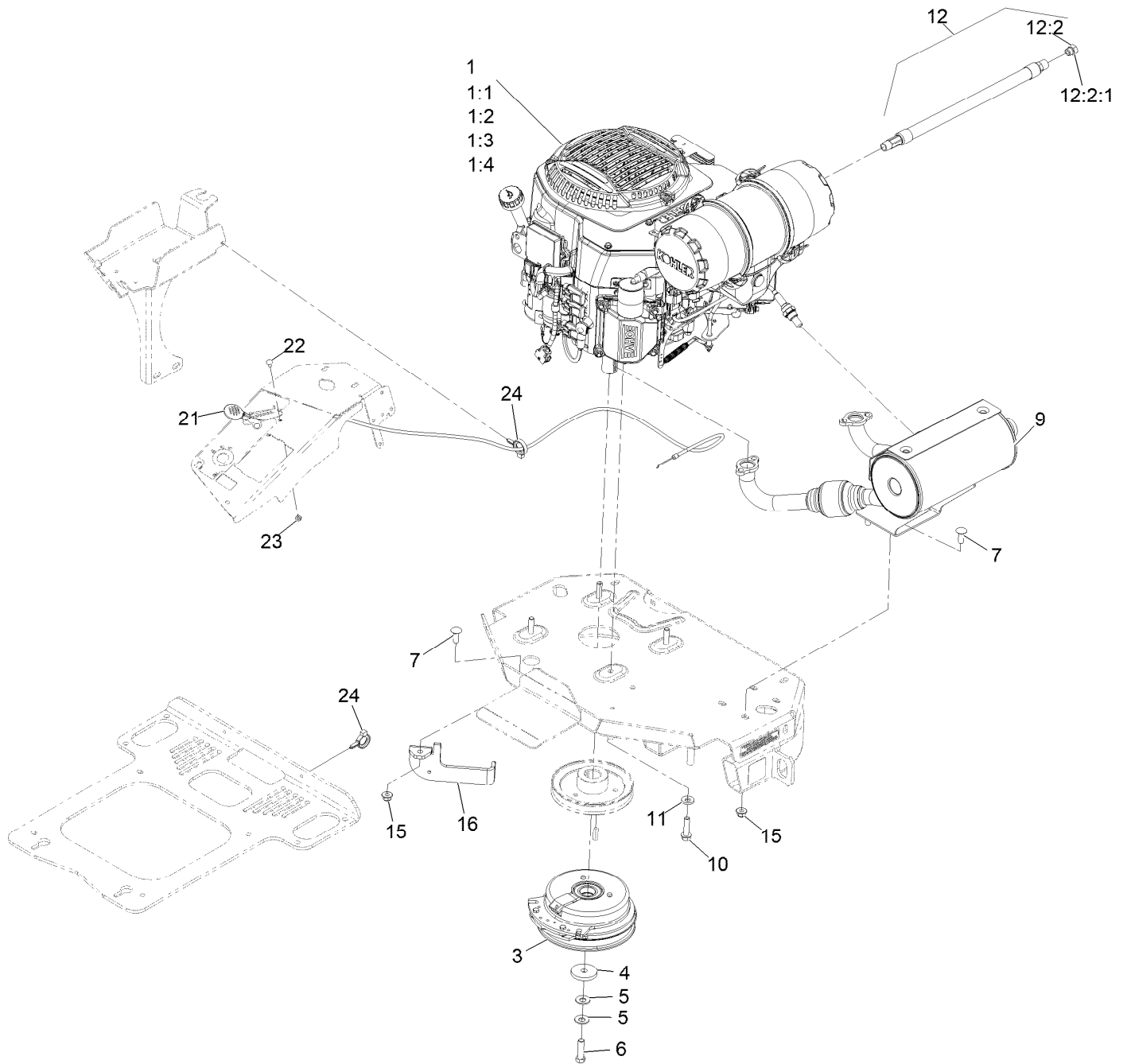
Fuel Tank Assembly



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	4	Bushing	8:1	46-6560	1	Bushing
3	116-2459	1	Fuel Line Kit (With Grommet)	9	116-2461	1	LH Vent Line Kit (With Grommet)
3:1	46-6560	1	Bushing	9:1	46-6560	1	Bushing
4	3290-500	5	Screw-PPH	10	116-2462	1	Rear Vent Line Kit (With Grommet)
5	3253-17	5	Washer-Lock	10:1	46-6560	1	Bushing
6	126-3913	1	Float-Sender, Fuel	11	1-603770	1	Valve-Fuel
6:1	126-3950	1	Gasket-Sender	12	2412-98	2	Clamp-Hose
7	126-1789	1	Cap-Fuel, Ratcheting	13	109-0650	1	Hose-Fuel
8	116-2460	1	RH Vent Line Kit (With Grommet)				

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-Kohler Ecv749-3064 ▲◆	7	3231-22	5	Bolt-Carriage 3/8-16 X 1
1:1		1	Kohler 52 050 02-S Engine Oil Filter ▲◆	9	142-6858	1	Kit,Muffler
1:2		1	Kohler 25 083 01-S Engine Air Filter ▲◆	10	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite
1:3		1	Kohler 25 083 04-S Safety Filter ▲◆	11	98-5975	4	Washer-Spring Disc 3/8
1:4		1	Kohler 25 050 42-S Fuel Filter ▲	12	116-5316	1	Oil Drain Hose ASM ■
3	116-1620	1	Clutch Kit	12:2	353-508	1	Plug-W/O-Ring ●
4	109-6919	1	Washer-Plain	12:2:1	237-42	1	O-Ring
5	1-603610	2	Washer-Spring Disc 7/16	15	104-8301	5	Nut-Nyloc 3/8-16 Flg
6	109-9761	1	Screw-HH 7/16-20 X 1 1/2 W/Loctite □	16	146-4184-01	1	Bracket-Clutch Anchor
				21	116-0969	1	ASM,Throttle Cable
				22	1-807513	2	Bolt-Carriage #10-24 X 1/2
				23	3296-2	2	Nut-Nyloc #10-24
				24	105-1853	2	Clamp-Hose

● Torque to 24-26 ft-lb

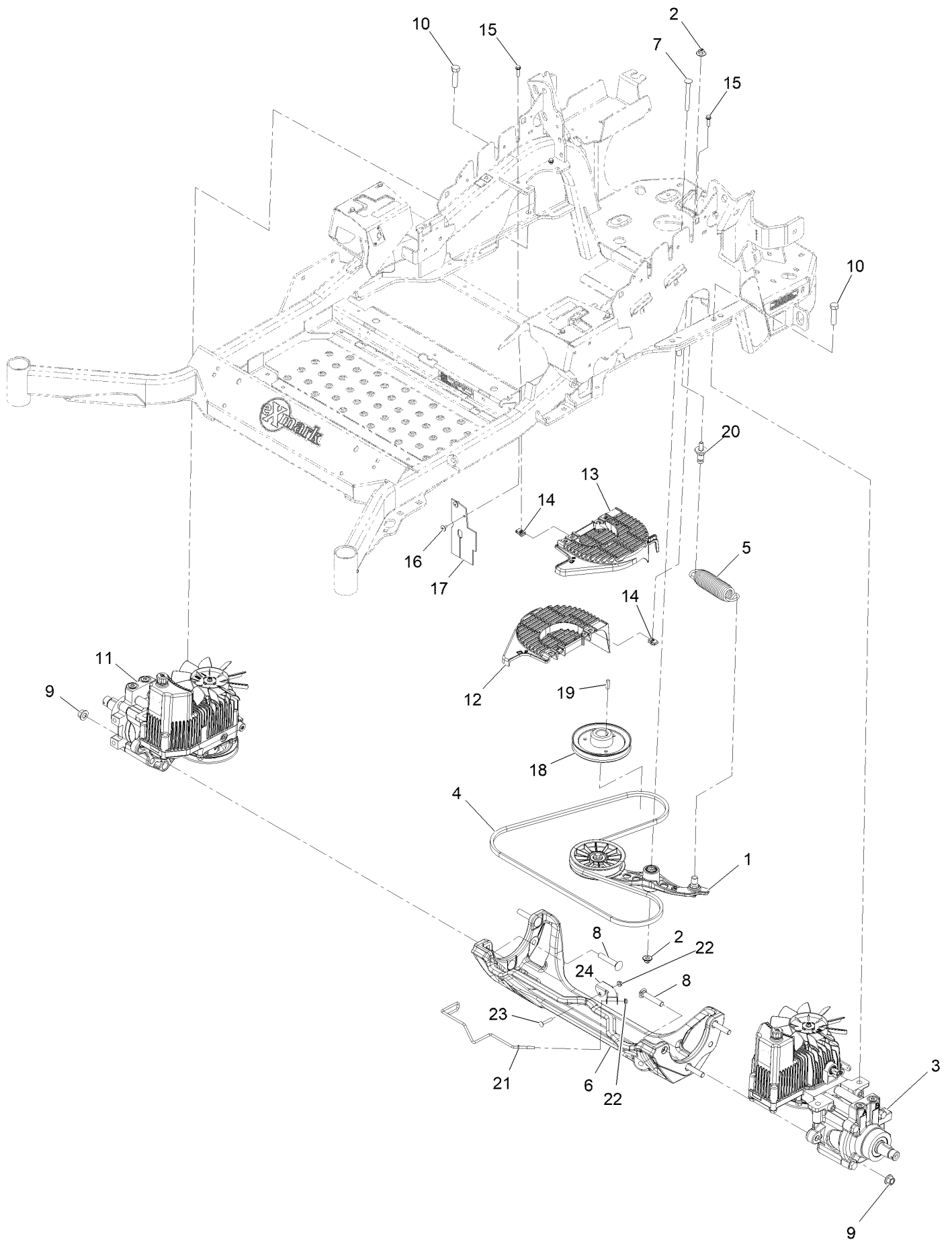
▲ Not serviced separately

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

■ Torque to 17-23 ft-lb

◆ Obtain parts from www.kohlerplus.com

Hydraulic Assembly

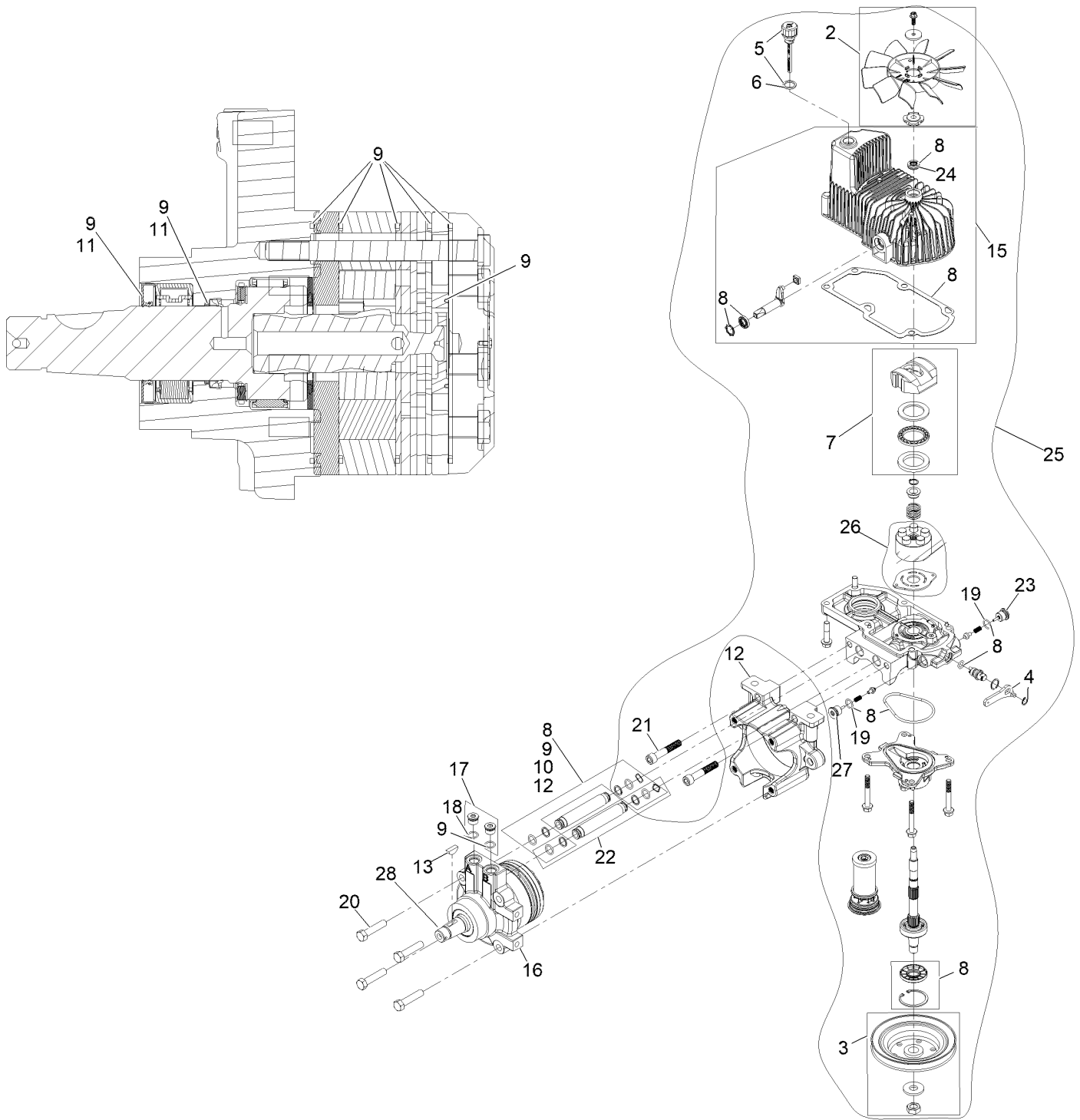


Hydraulic Assembly (continued)

<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	15	120-4654	4	Screw-HHF 1/4-20 X 1
2	109-6658	2	Nut-Nyloc 3/8-16 Flg	16	1-803035	2	Rivet 3/16 X 1/4
3	135-7903	1	Hydro-LH	17	116-2362	1	Deflector-Air Flow
4	126-9835	1	Belt-V	18	142-9445	1	Sheave, W/Hub
5	116-6317	1	Spring-Extension	19	1-807259	1	Key-Machine 1/4 X 1/4 X 1
6	116-7558	1	Cradle-Hydro	20	146-3603	1	Pin-Spring, Anchor
7	116-1502	1	Bolt-Carriage Shoulder 3/8-16 X 3 1/2	21	146-5103	1	Guide-Belt
8	126-0095	6	Bolt-Carriage 1/2-13 X 2 3/4	22	104-7201	2	Nut-Nyloc 1/4-20 Flg
9	99-5107	6	Nut-Lock 1/2-13	23	3229-4	1	Bolt-Carriage 1/4-20 X 1 1/2
10	325-8	4	Screw-HH 1/2-13 X 1 1/4	24	146-5102	1	Bracket-U
11	135-7904	1	Hydro-RH	99	109-9828	1	Oil-HYD, (Quart) ●
12	146-4117	1	Cover-Fan, Lt	99	116-0164	1	Filter-Hydro ●
13	146-3500	1	Cover-Fan, Rt	99	116-1218	1	Oil-HYD, 1 Gallon ●
14	107069	4	Nut-Retainer-Panel 1/4-20	99	126-8103	1	Kit, Hydro Service ●

● Not illustrated

LH Hydro Assembly No. 135-7903

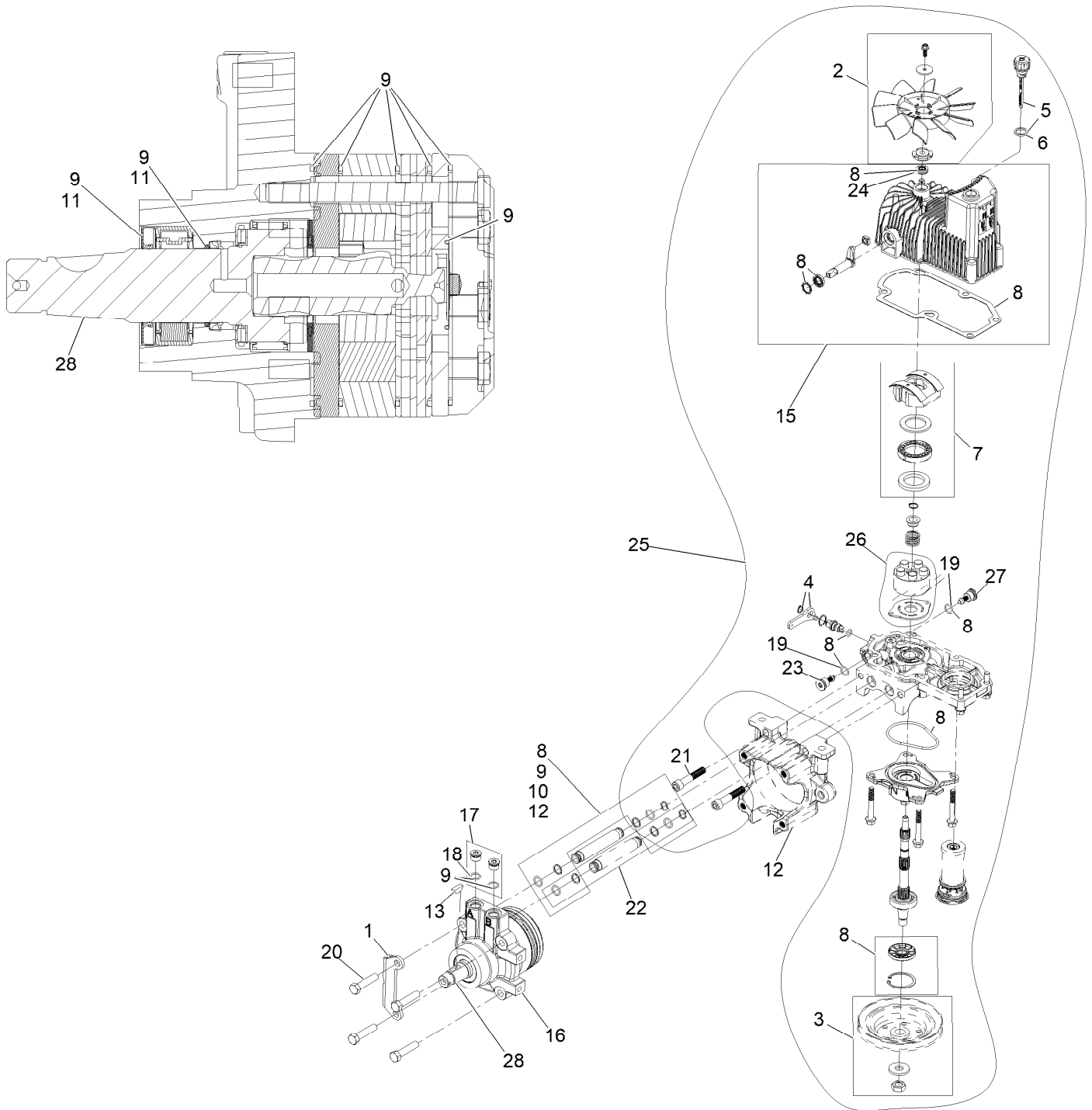


LH Hydro Assembly No. 135-7903 (continued)

<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	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	142-3609	1	Kit, Pump Section 12Cc LH
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	27	142-4459	1	Shock Valve Orificed 3800
12	116-5469	1	Cup-Nose	28	146-3749	1	Output Shaft- TI Uht Motor
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				
17	116-7901	1	Magnetic Plugs Service Kit				

● Not illustrated

RH Hydro Assembly No. 135-7904

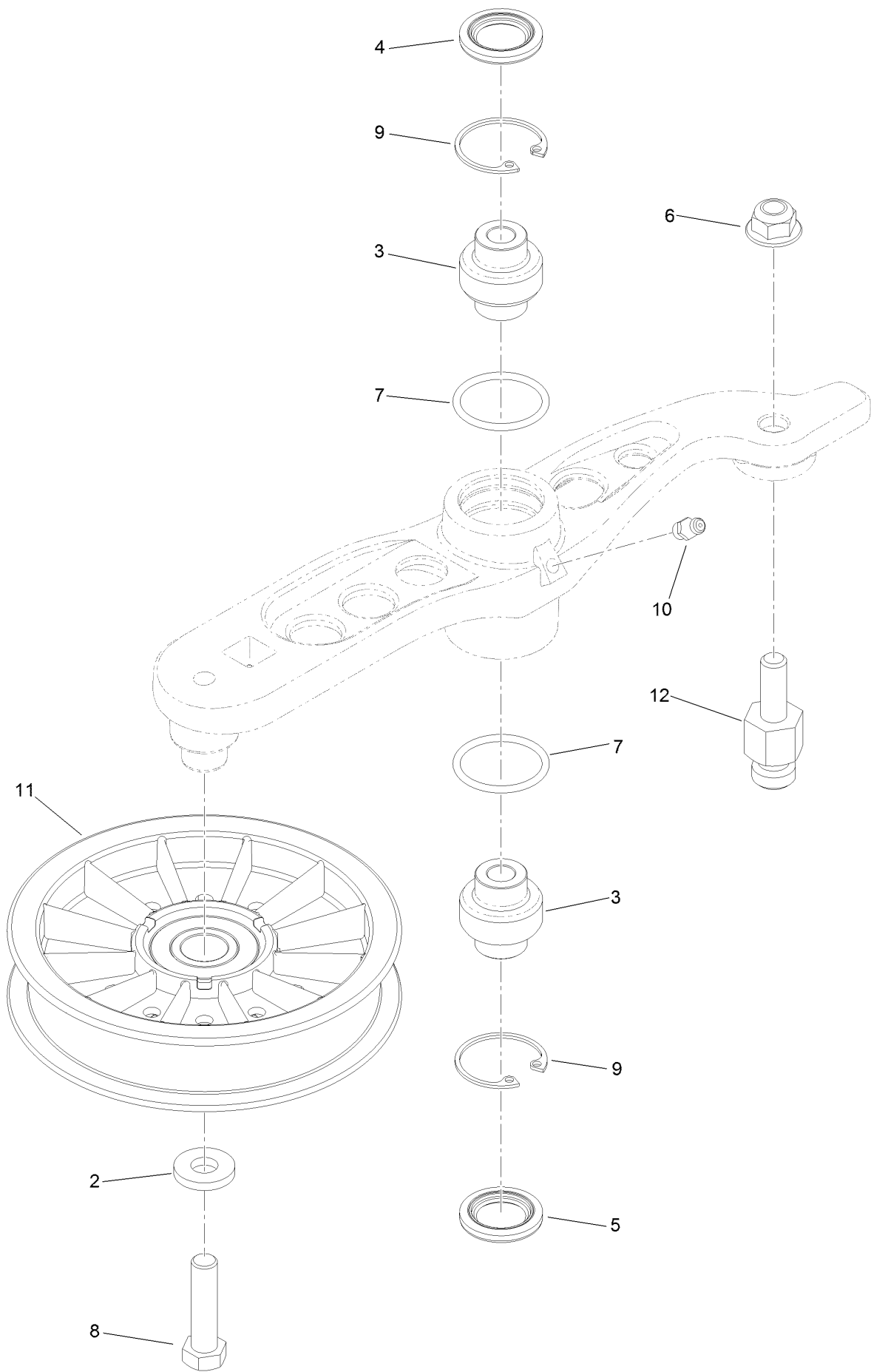


RH Hydro Assembly No. 135-7904 (continued)

<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	27	142-4459	1	Shock Valve Orificed 3800
12	116-5469	1	Cup-Nose	28	146-3749	1	Output Shaft- TI Uht Motor
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

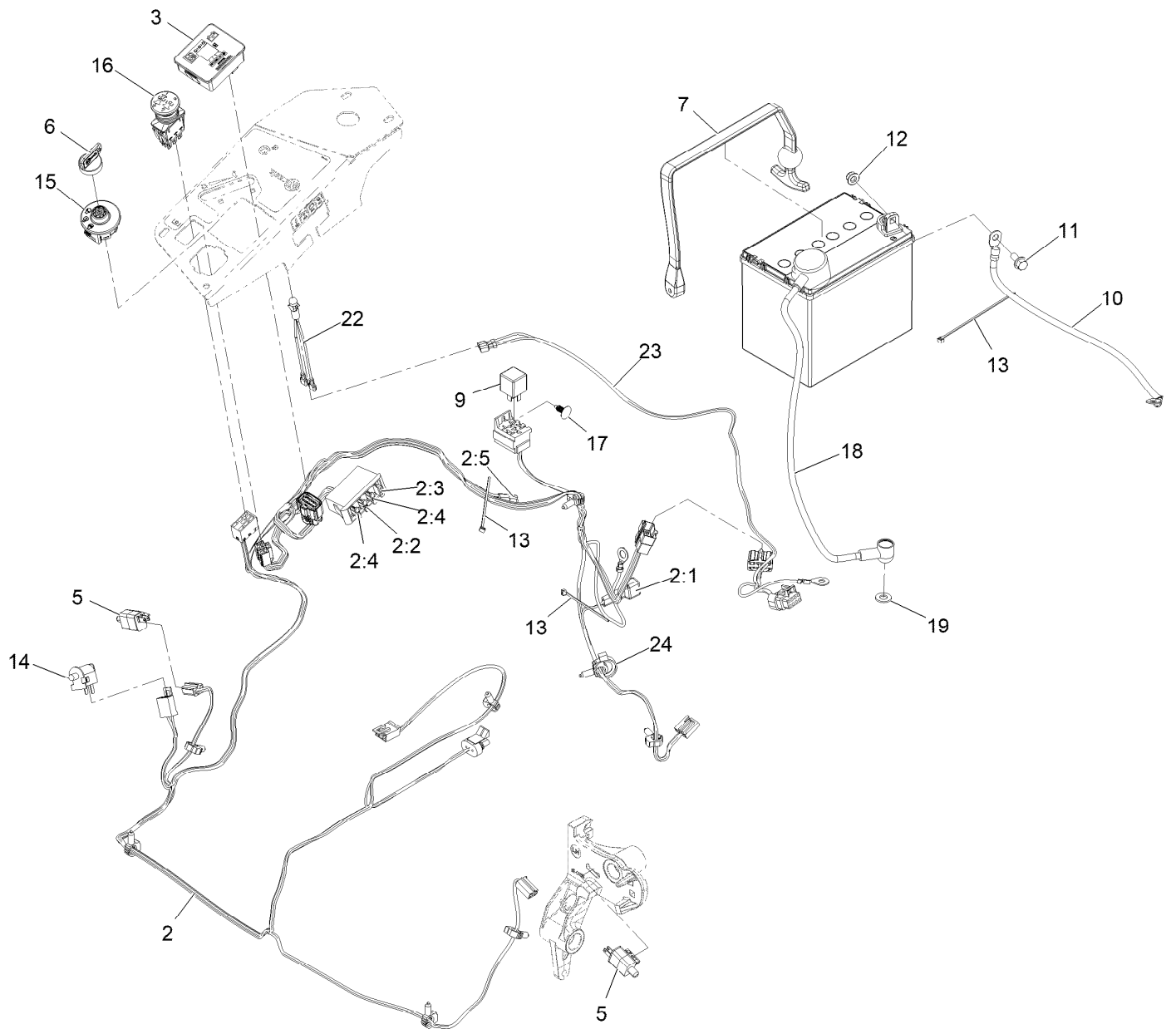
Pump Idler Assembly No. 116-1255



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	11	3234-5	2	Screw-HHF
2:1	103-3895	1	Diode	12	104-8300	2	Nut-HF, NI
2:2	218-578	1	Fuse-Blade, 10 Amp	13	1-303287	3	Tie-Cable
2:3	109355	1	Fuse-Blade, 15 Amp	14	82-2190	1	Switch-Bail
2:4	109102	2	Fuse-Blade, 25 Amp	15	137-4100	1	Switch-Ignition
2:5	116-0053	1	Cap-Plug	16	135-3653	1	Switch, PTO 10A
3	117-3882	1	Fuel/Hour Meter ASM	17	117-2382	1	Plug-Plastic
5	110-6765	2	Switch	18	115-3864	1	Cable-Battery, Positive
6	1-603511	1	Keys-Ignition (Spare Pair)	19	3256-23	1	Washer-Plain
6	103-2106	1	Key,Exmark Logo	22	1-643267	1	Indicator-LED, Red
7	146-4467	1	Strap-Bungee	23	146-4688	1	Harness-Jumper EFI
9	1-643275	1	Relay	24	105-1853	1	Clamp-Hose
10	112-7063	1	Cable-Battery, Black				

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) _____

© 2024 Exmark Mfg. Co., Inc.
415 Industrial Row
Beatrice, NE 68310
All Rights Reserved

Part No. 4507-360 Rev. A
(402) 223-6300
Printed in the USA.



* 4 5 0 7 - 3 6 0 * A

www.exmark.com