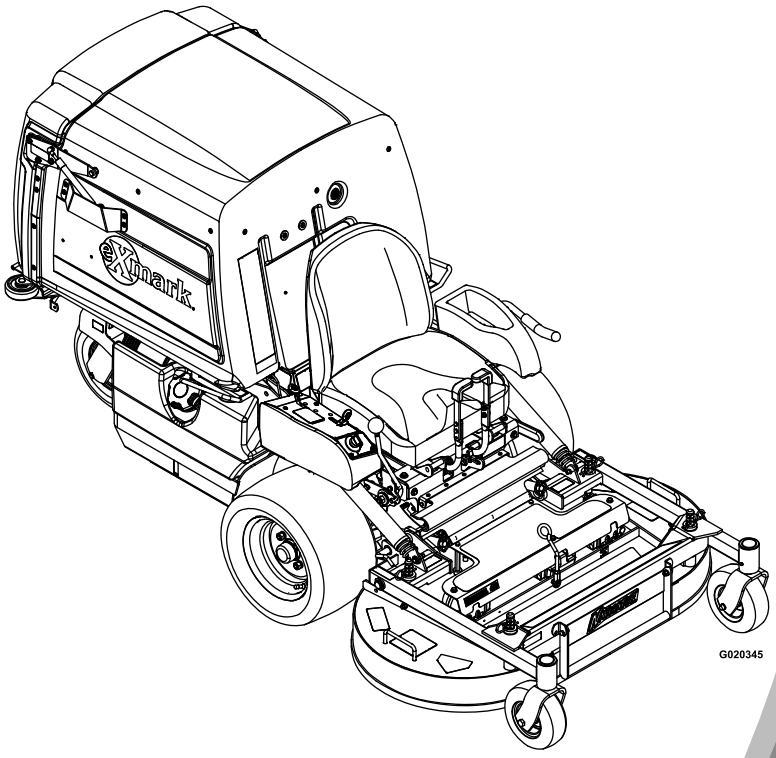
Parts Manual

NAVIGATOR®

Model No. NV640KC42—Serial No. 313000000 and Up

Picture below may not reflect actual product.



Part No. 4501-546 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

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).

© 2013—Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310

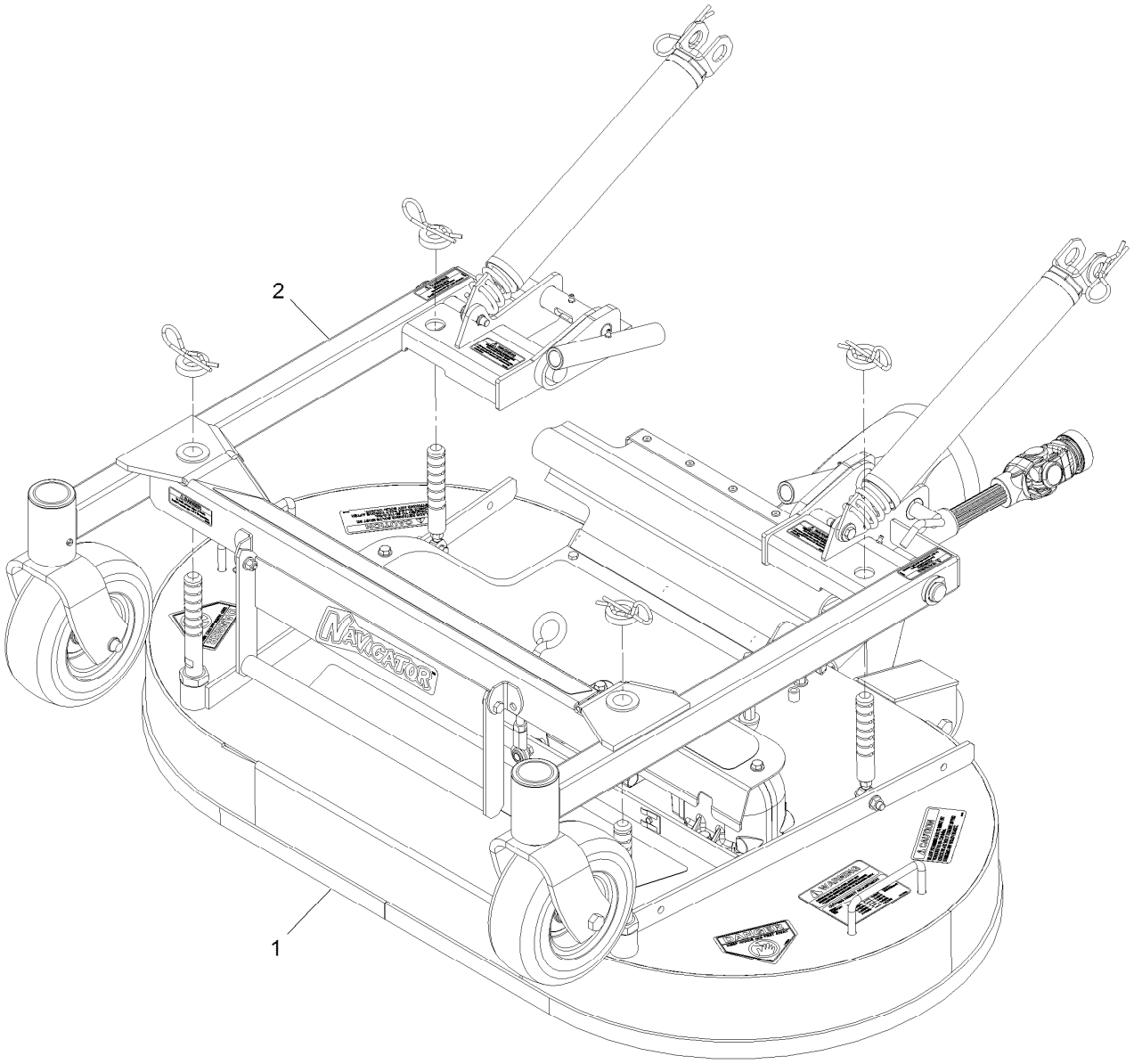
Contact us at www.Exmark.com.
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

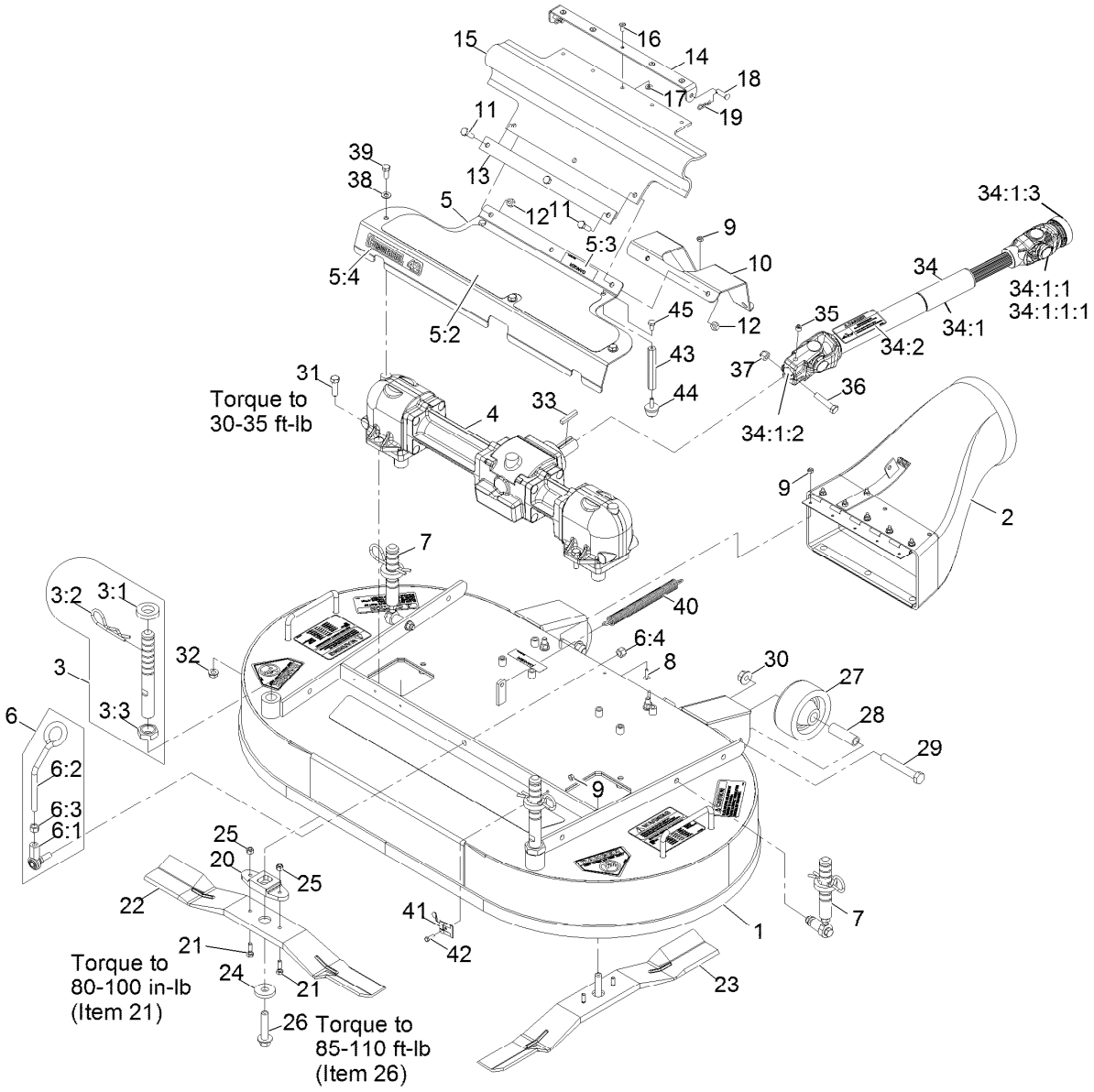
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Complete Deck and Support Frame Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-7832	1	Deck ASM
2	116-7840	1	Deck Support Frame ASM

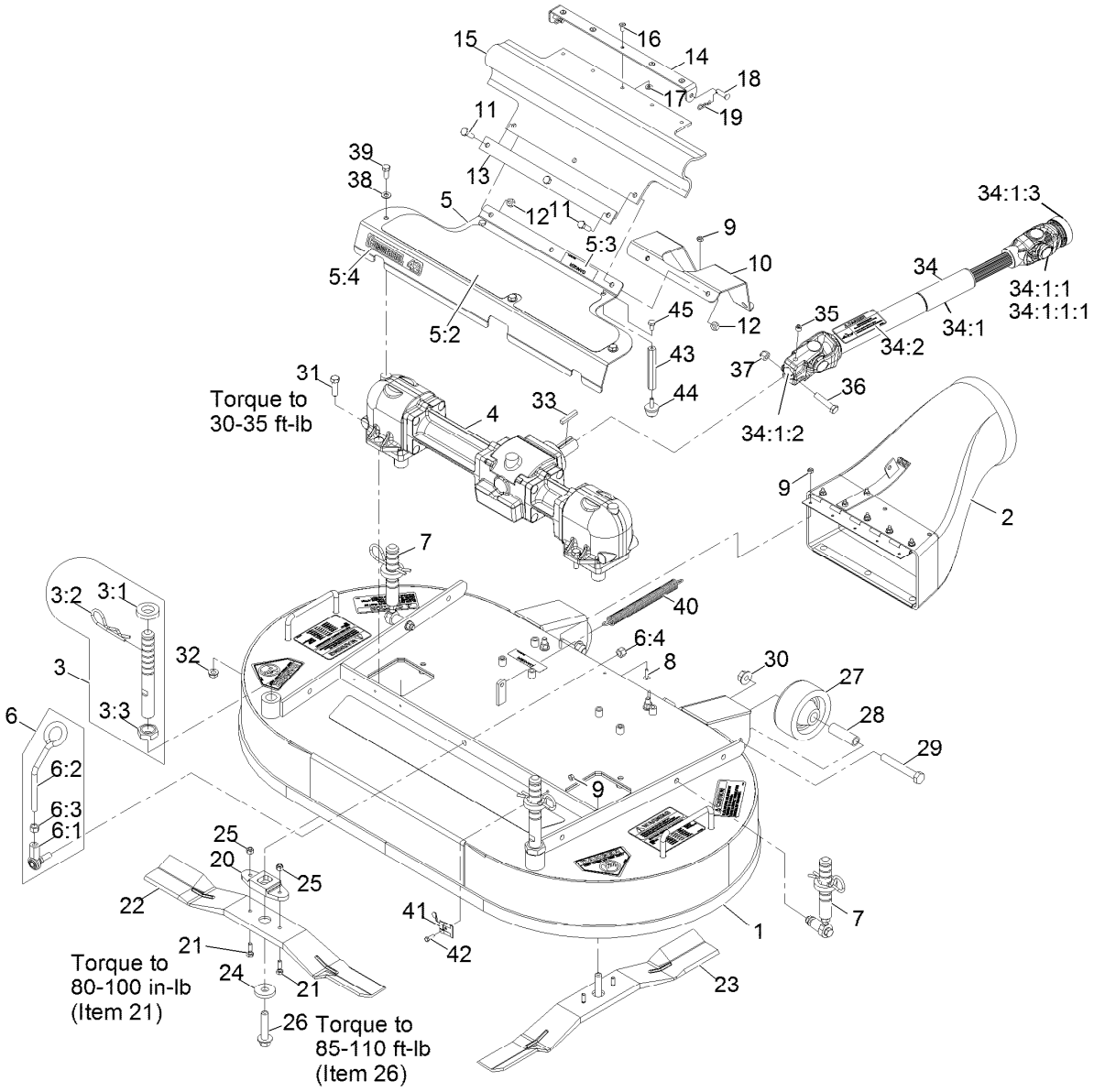


Deck Assembly

Ref.	Part Number	Qty.	Description
1	109-4373	1	Asm, Deck W/Decals (42")
2	103-9487	1	Asm, Discharge Tube
3	109-0321	2	Asm, Front Deck Height Adj
3:1	1-413425	1	Spacer
3:2	103-7353	1	Pin, Cut Height
3:3	103-8496	1	Nut-Jam 7/8-9
4	103-3460	1	Gearbox,(42") Std
5	103-9497	1	Asm, Gearbox Cover W/Decal (42")
5:2	103-8626	1	Pad, Anti Skid (42")
5:3	98-5954	1	Decal-Cover, Missing
5:4	103-9024	1	Decal, Commercial (42")
6	103-8363	1	Asm, Deck Latch
6:1	103-7994	1	Balljoint
6:2	103-8307	1	Latch, Deck
6:3	3219-3	1	Nut-Hex 3/8-24
6:4	3296-6	1	Nut-Nyloc 3/8-24
7	109-0322	2	Asm, Rear Deck Height Adj. (42")

Ref.	Part Number	Qty.	Description
8	1-803075	3	Screw-Truss Head #10-24 X 3/4
9	3296-2	6	Nut-Nyloc #10-24
10	116-7842-01	1	Guard, Drive Shaft -42 Nav
11	322-5	3	Screw-HH 5/16-18 X 1
12	3296-29	3	Nut-Nyloc 5/16-18
13	103-6290-03	1	Plate, Drive Line Cover
14	103-6183-03	1	Bracket, PTO Guard
15	103-5979	1	Guard, PTO
16	114439	5	Rivet
17	3256-14	5	Washer-#10 Std
18	1-808280	2	Pin-Clevis 5/16 X 1 49/64
19	1-806003	2	Hairpin-Cotter
20	103-7705	2	Driver, Blade
21	99-0283	4	Bolt-Shear 1/4-20 X 7/8
22	103-4210	1	Blade, RH (42") Red
23	103-4209	1	Blade, LH (42") Black
24	30-8770	2	Washer
25	3296-42	4	Nut-Nyloc 1/4-20

● Not serviced separately

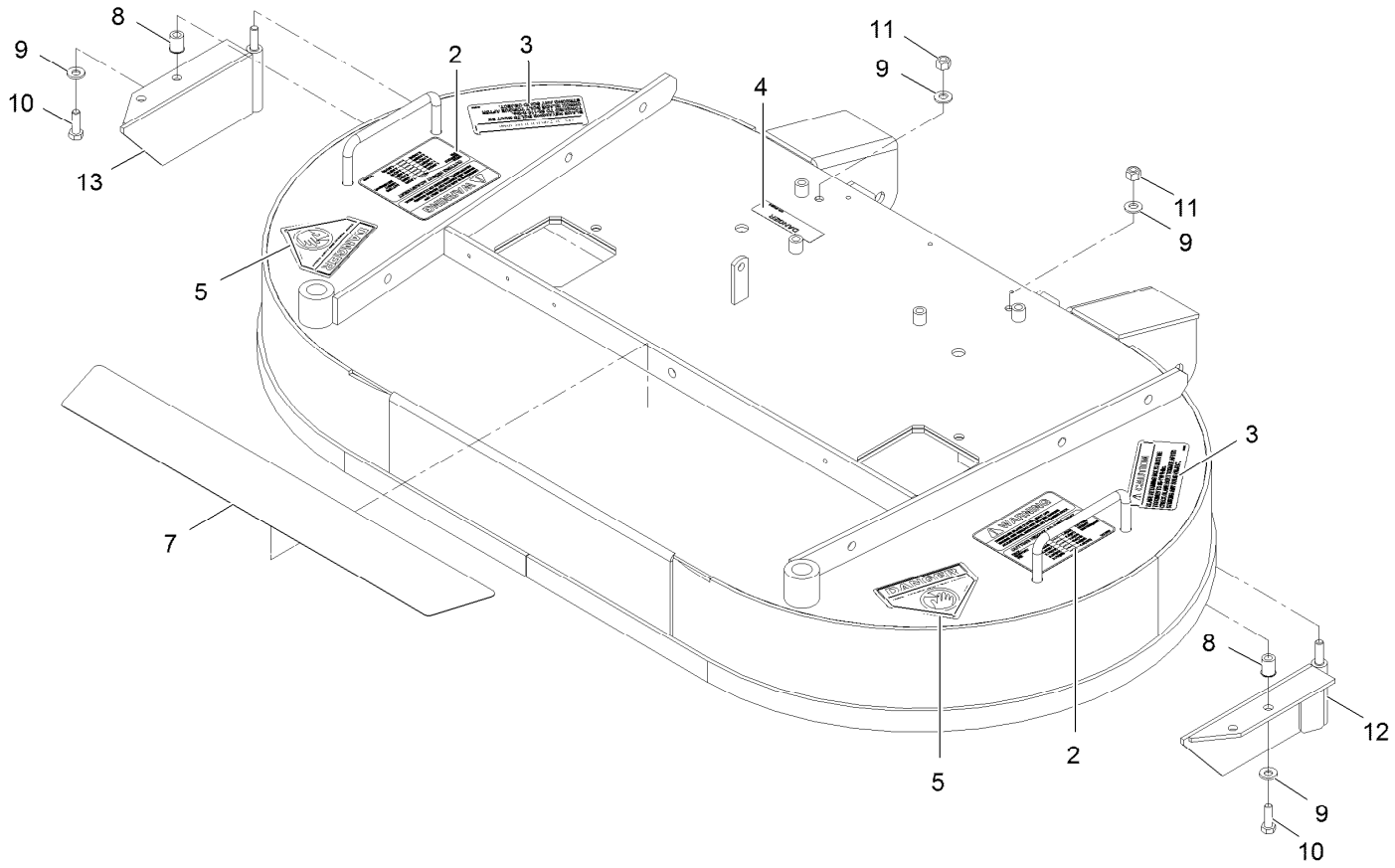


Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
26	92-5816	2	Bolt-Blade 1/2-20 X 2 1/4
27	103-3700	2	Roller, Deck
28	103-4230	2	Spacer, Roller
29	325-14	2	Screw-HH 1/2-13 X 3 1/2
30	32128-49	2	Nut-Whizlock 1/2-13
31	323-7	4	Screw-HH 3/8-16 X 1 1/4
32	3290-357	4	Nut-Whizlock 3/8-16
33	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2
34	103-9485	1	Asm, Drive Shaft W/Decal
34:1		1	Shaft,Drive Telescoping ●
34:1:1	54-9180	2	U-Joint Kit
34:1:1:1	62-3820	1	Fitting-Grease
34:1:2	103-9328	1	Yoke, Keyed

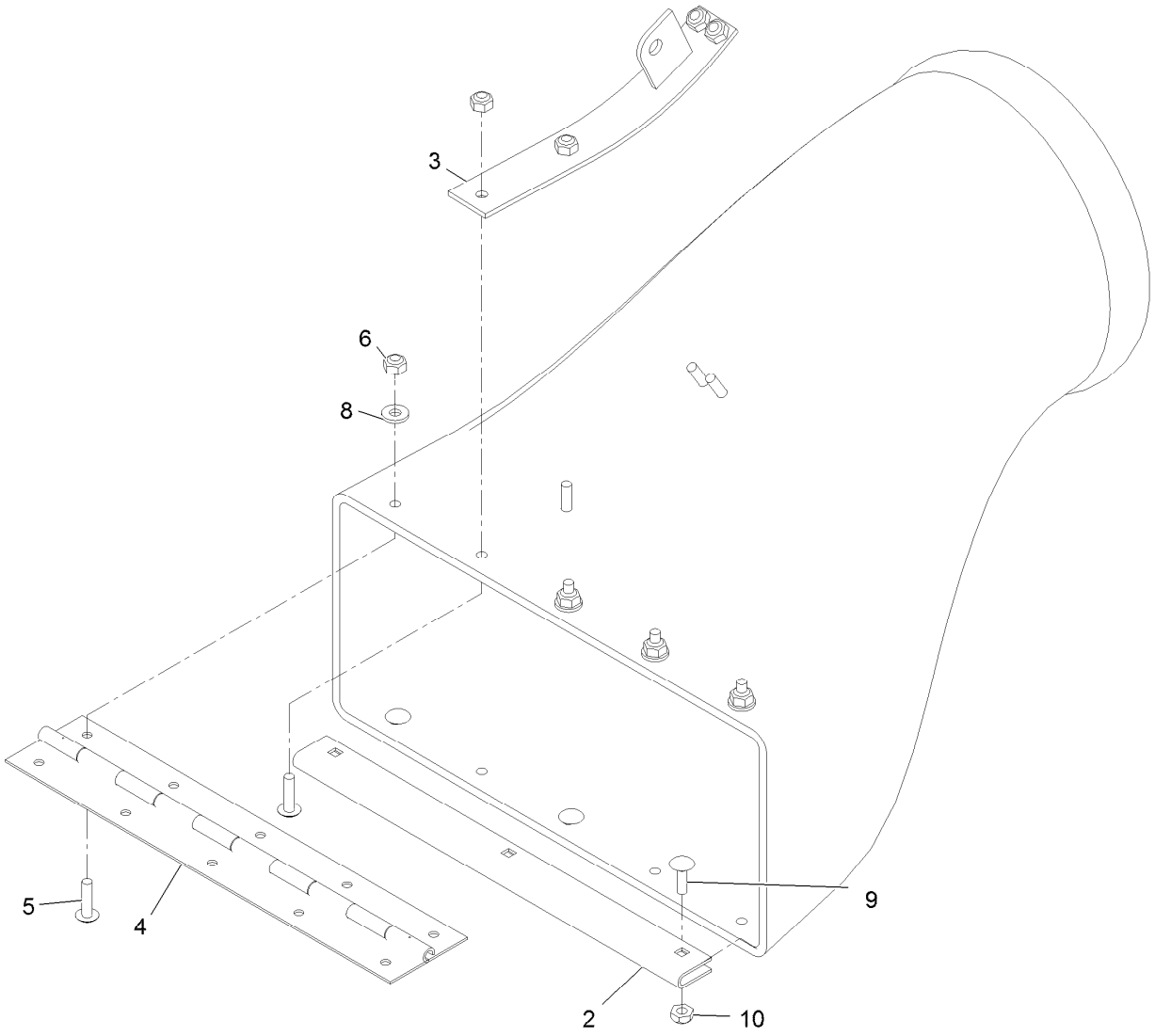
Ref.	Part Number	Qty.	Description
34:1:3	103-9329	1	Yoke-Quick Disconnect
34:2	103-8425	1	Decal, Driveline
35	3247-2	1	Setscrew-3/8-16 X 3/8
36	323-9	1	Screw-HH 3/8-16 X 1 3/4
37	3296-39	1	Nut-Nyloc 3/8-16
38	3256-23	3	Washer-5/16 Sae
39	322-3	3	Screw-HH 5/16-18 X 3/4
40	103-8841	1	Spring
41	1-513690	1	Clip, Deck Hold-Up Rod
42	3290-134	1	Screw-HH Machine 10-24 X 5/8
43	103-8610	2	Stand-Off, 1/2 Hex
44	1-523420	2	Bumper
45	321-2	2	Screw-HH 1/4-20 X 1/2

● Not serviced separately



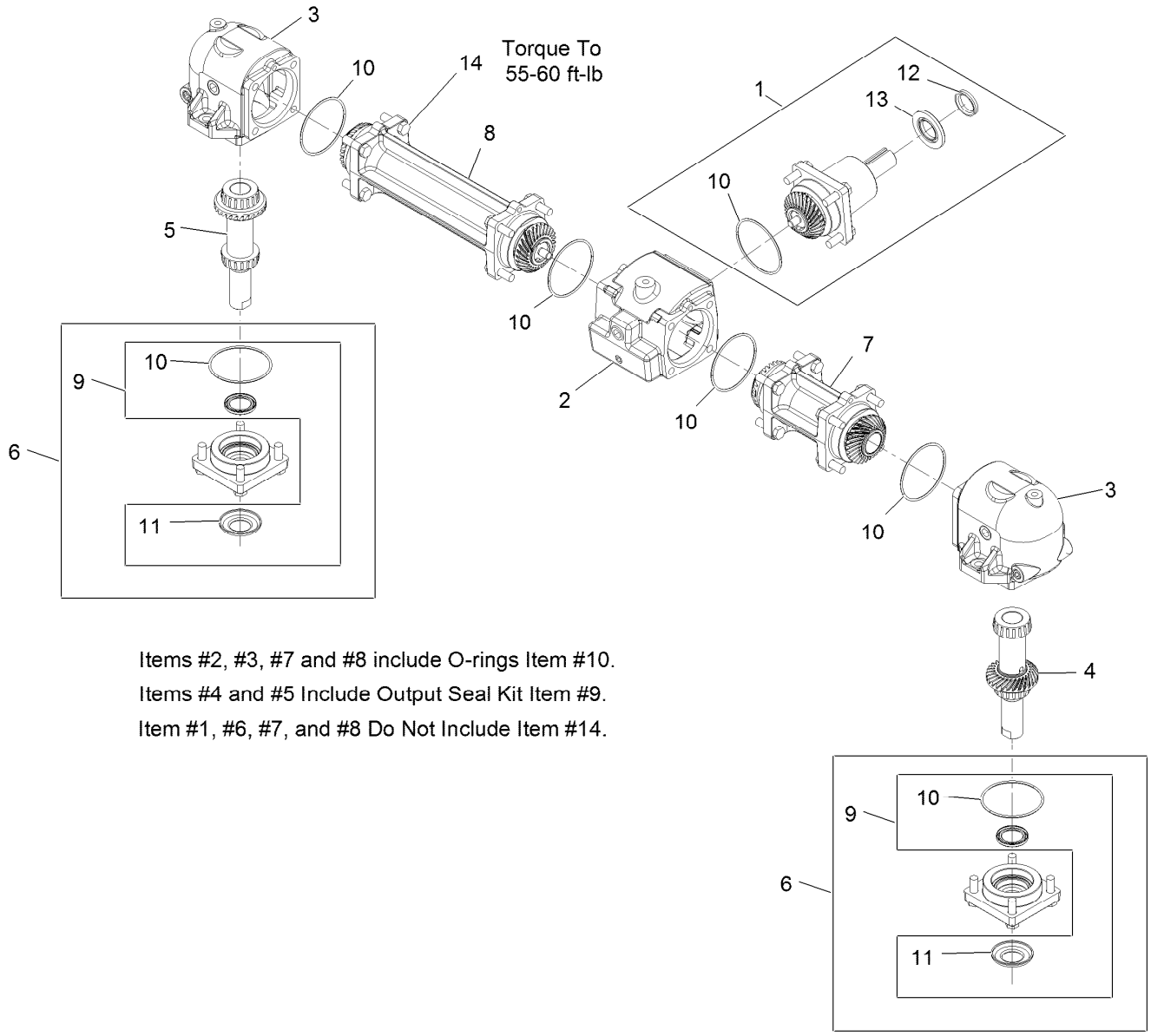
Deck W/Decals Assembly No. 109-4373

Ref.	*Part Number*	*Qty.*	*Description*
2	103-6230	2	Decal, Cutting Height Adjustment
3	68-8340	2	Decal-Torque
4	98-5954	1	Decal-Cover, Missing
5	1-403005	2	Decal-Danger
7	103-8667	1	Pad, Anti Skid (42")
8	32148-7	6	Nut-Insert
9	1-303334	4	Washer-Spring Disc 5/16
10	322-5	2	Screw-HH 5/16-18 X 1
11	3296-29	2	Nut-Nyloc 5/16-18
12	109-4053-01	1	Wld, Baffle Discharge LH
13	109-4054-01	1	Wld, Baffle Discharge RH



Discharge Tube Assembly No. 103-9487

Ref.	*Part Number*	*Qty.*	*Description*
2	109-2228-03	1	Guard, Plenum
3	103-5868-01	1	Wld, Spring Mount
4	103-4974	1	Hinge
5	1-803075	8	Screw-Truss Head #10-24 X 3/4
6	3296-2	8	Nut-Nyloc #10-24
8	3256-14	4	Washer-#10 Std
9	1-807533	3	Bolt-Carriage #10-24 X 5/8
10	3296-12	3	Nut-Nyloc #10-24 Thin

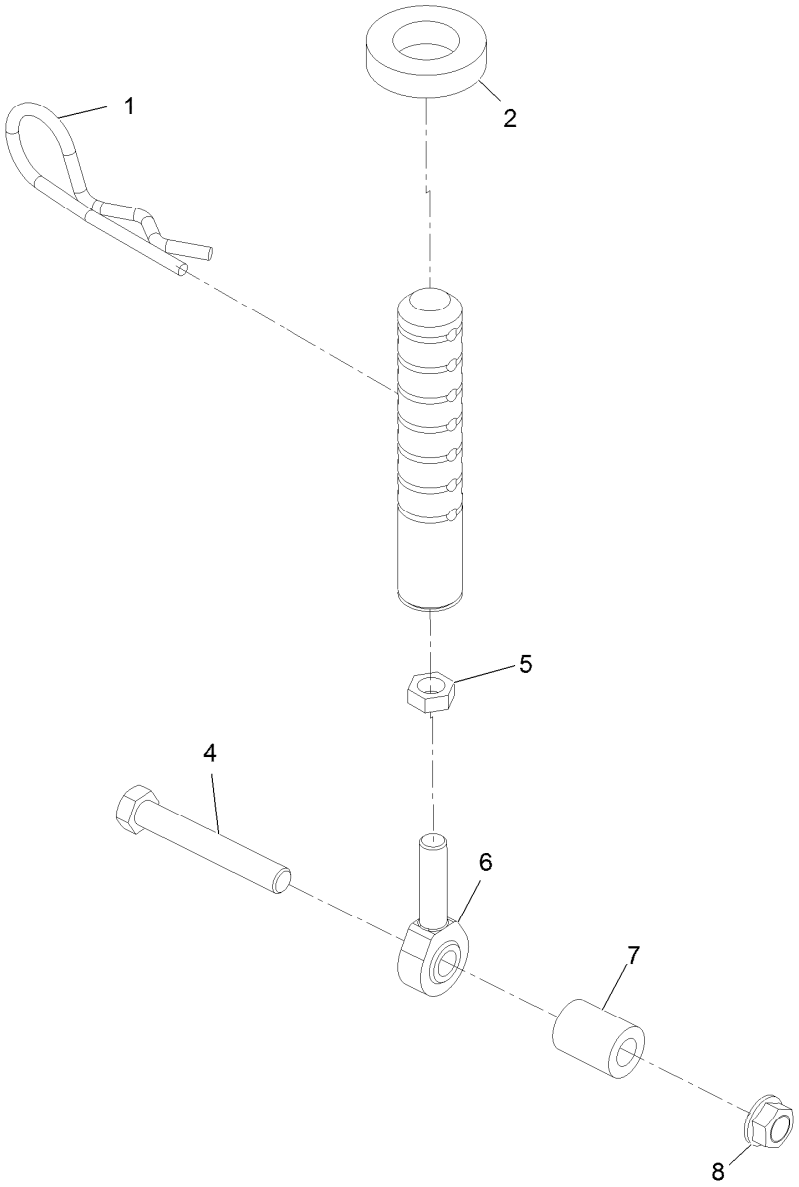


Items #2, #3, #7 and #8 include O-rings Item #10.
Items #4 and #5 Include Output Seal Kit Item #9.
Item #1, #6, #7, and #8 Do Not Include Item #14.

Gearbox Assembly No. 103-3460

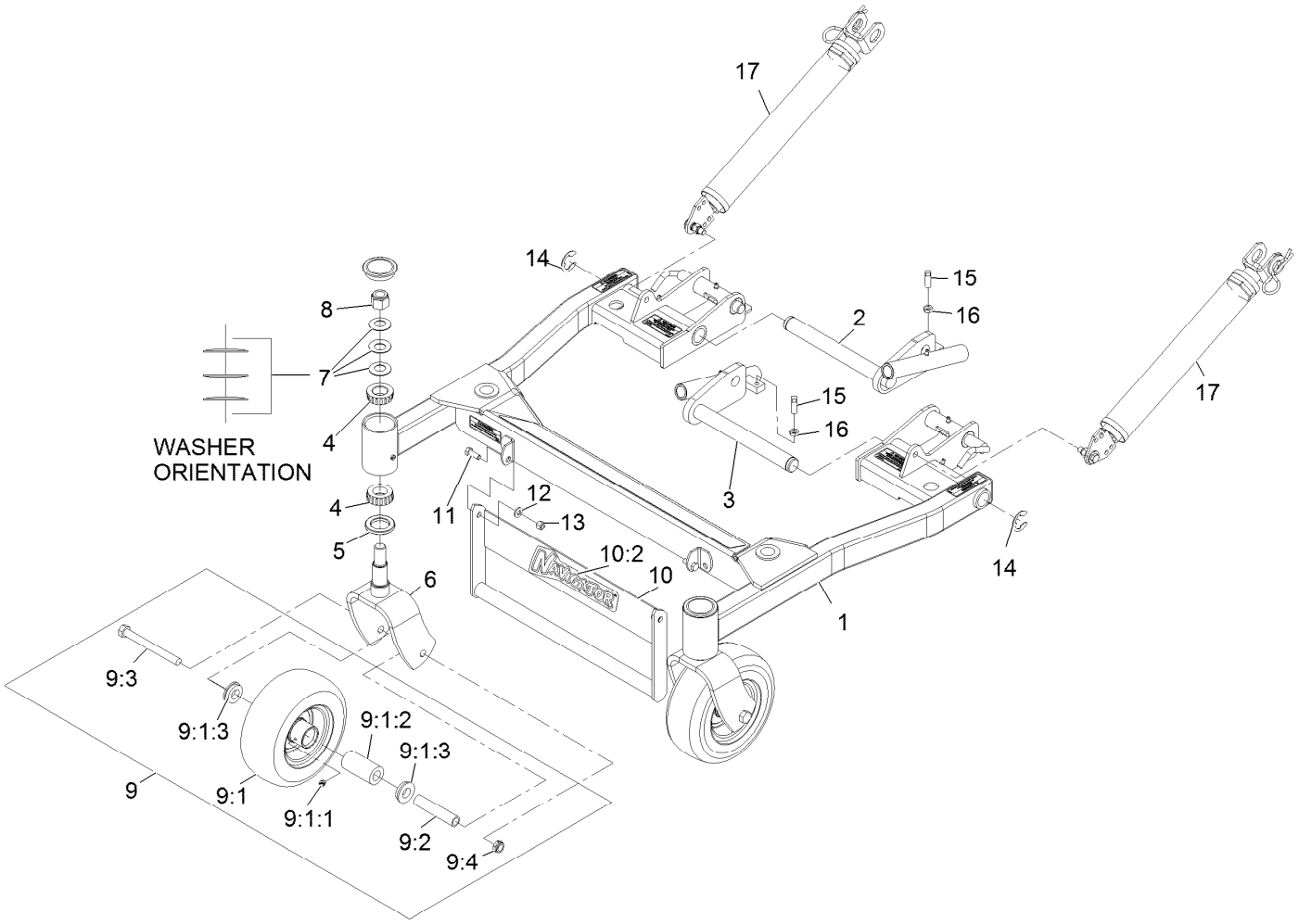
Ref.	*Part Number*	*Qty.*	*Description*
1	109-0188	1	Asm, Input Pinion 42"
2	109-0190	1	Center Housing W/Plugs
3	109-0191	1	End Housing W/Plugs And Race
4	109-0192	1	Output Shaft, Gear And Brgs (42" LH)
5	109-0194	1	Output Shaft, Gear And Brgs (42" RH)
6	109-0196	1	Output Cap W/Race
7	109-0197	1	Asm, Connector Tube 42" Short
8	109-0199	1	Asm, Connector Tube 42" Long
9	109-0201	1	Kit, Output Seal
10	109-0203	1	O-Ring
11	109-0204	1	Washer, Cupped
12	109-0205	1	V-Ring ●
13	109-0202	1	Seal, Input ●
14	93-3987	28	Bolt - Blade

● Apply bead of Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize) between input seal and v-ring.



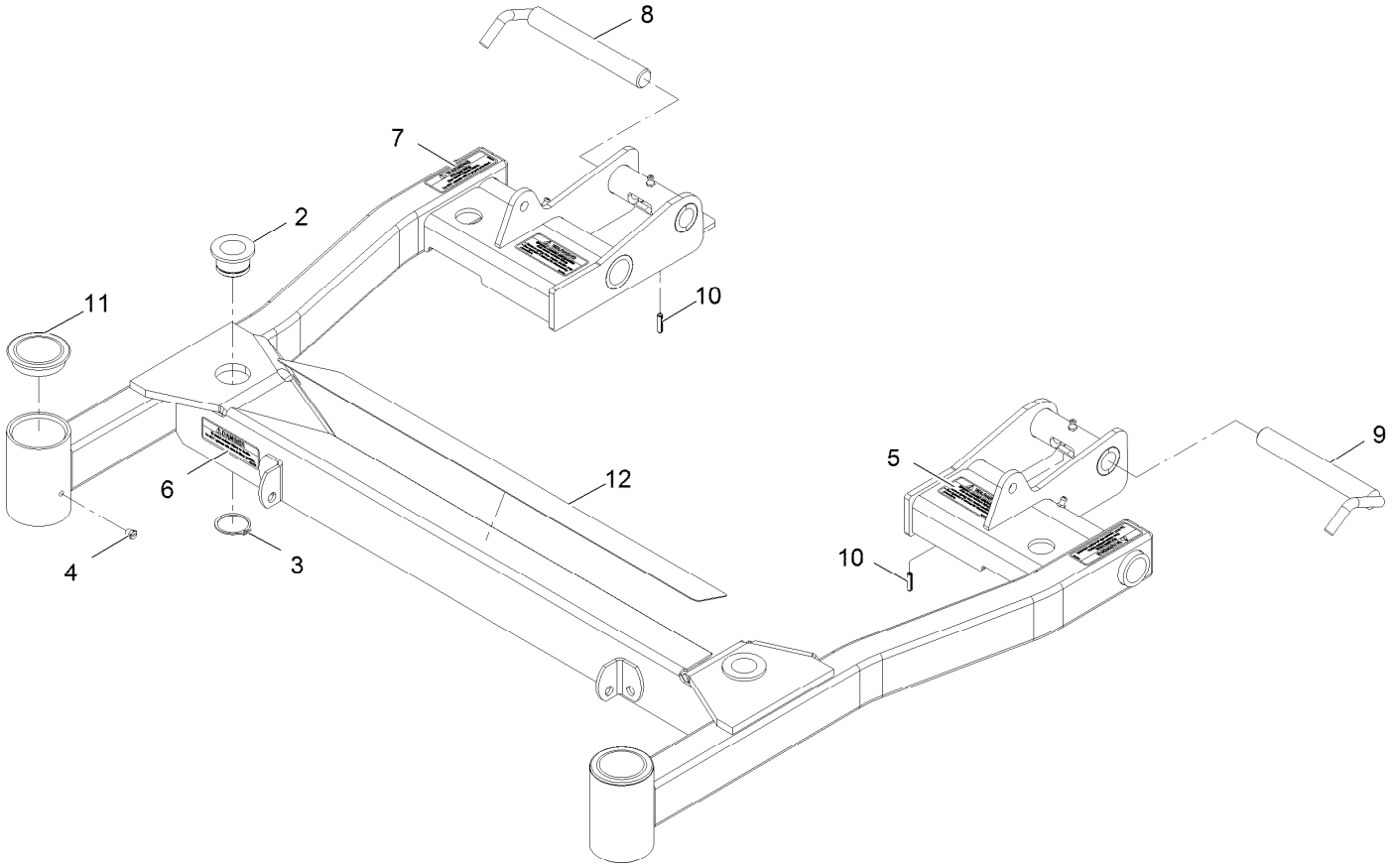
Rear Deck Height Adjustment Assembly No. 109-0322

Ref.	*Part Number*	*Qty.*	*Description*
1	103-7353	1	Pin, Cut Height
2	1-413425	1	Spacer
4	323-11	1	Screw-HH 3/8-16 X 2 1/4
5	3220-3	1	Nut-Jam 3/8-24
6	1-613204	1	Balljoint
7	106-5620	1	Tube-Interlock
8	3290-357	1	Nut-Whizlock 3/8-16



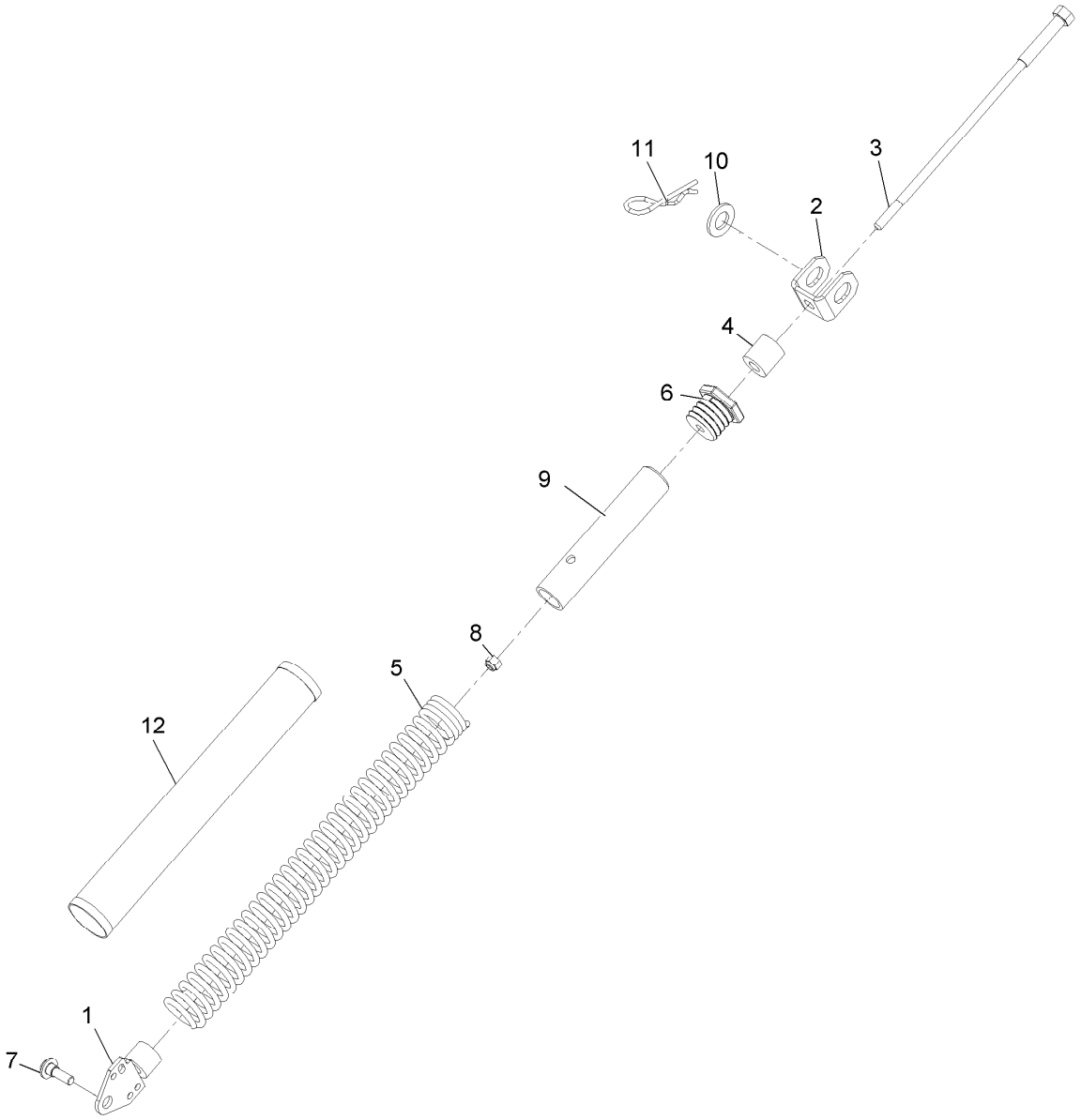
Deck Support Frame Assembly

Ref.	Part Number	Qty.	Description
1	103-9481	1	Asm, Front Frame W/Decals (42")
2	103-3729-01	1	Wld, Deck Pivot (RH)
3	103-3732-01	1	Wld, Deck Pivot (LH)
4	1-543509	4	Cone-Bearing Tapered Roller
5	1-543511	2	Seal-Grease
6	109-1933-01	2	Wld, Fork And Spindle
7	1-633508	6	Washer-Spring Disc
8	3296-51	2	Nut-Nyloc 3/4-10
9	103-9495	2	Asm, Caster Wheel W/Axle
9:1	103-4324	1	Asm, Wheel And Tire 8X3.00-4 Sp
9:1:1	302-61	1	Zerk-45° 1/4-28
9:1:2	103-4588	1	Bearing, Roller Straight
9:1:3	1-513810	2	Bushing-Flanged
9:2	109-2094	1	Spacer, Front Caster
9:3	325-19	1	Screw-HH 1/2-13 X 5
9:4	3296-45	1	Nut-Nyloc 1/2-13 Thin
10	103-9482	1	Asm, Deck Lift Handle W/Decal
10:2	103-8504	1	Decal, Navigator Model
11	322-4	2	Screw-HH 5/16-18 X 7/8
12	1-303334	2	Washer-Spring Disc 5/16
13	3296-29	2	Nut-Nyloc 5/16-18
14	1-808519	2	Ring-Snap
15	3243-5	2	Setscrew-SQH 3/8-16 X 1
16	3218-3	2	Nut-Jam 3/8-16
17	116-7850	2	Lift Assist Spring ASM



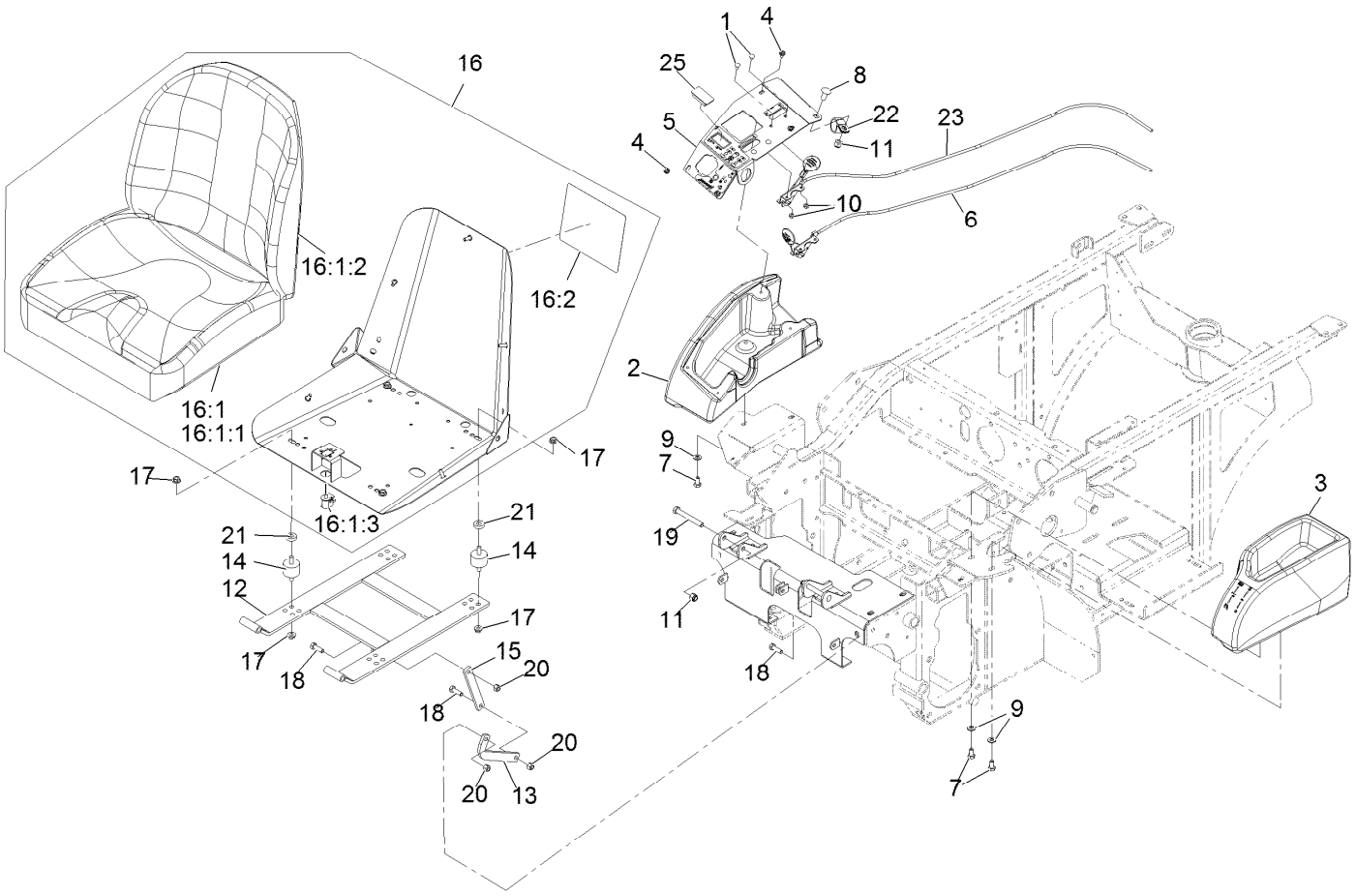
Deck Support W/Decals Assembly No. 103-9481

Ref.	*Part Number*	*Qty.*	*Description*
2	103-7436	2	Bushing, Deck Support
3	32120-33	2	Ring-Retaining
4	1-811010	2	Plug
5	103-8799	2	Decal, Spring
6	103-8798	1	Decal, Danger
7	103-8797	2	Decal, Folding Deck
8	103-4119	1	Wld, Deck Lock (RH)
9	103-4118	1	Wld, Deck Lock (LH)
10	32121-3	2	Rollpin 3/16 X 3/4
11	103-4882	2	Cap-Grease
12	103-8667	1	Pad, Anti Skid (42")



Spring Lift Assist Assembly No. 109-1979

Ref.	*Part Number*	*Qty.*	*Description*
1	103-4284	1	Wld, Spring Tensioner
2	103-4285	1	Mount, Deck Lift Spring
3	103-3773	1	Shaft, Spring Adjustment
4	109-1978	1	Spacer (42" Only)
5	103-4281	1	Spring, Extension
6	103-3772	1	Plug, Spring Adjuster
7	614672	1	Screw-Shoulder 3/8-16 X 1.295
8	3296-39	2	Nut-Nyloc 3/8-16
9	103-7865	1	Wld, Spring Tube
10	3256-28	1	Washer-3/4 Sae
11	103-7353	1	Pin, Cut Height
12	103-7971	1	Cover, Deck Spring

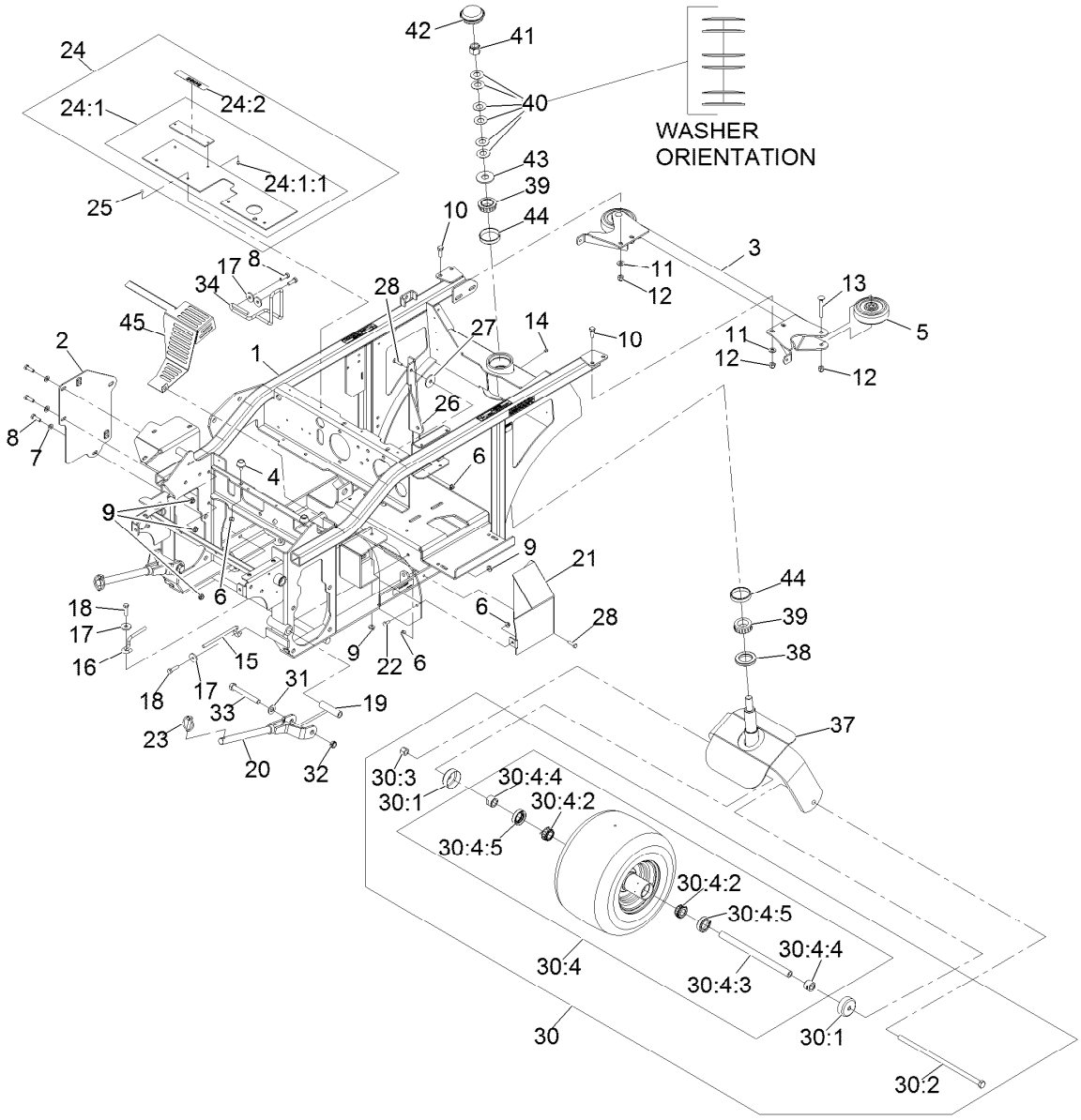


Seat and Consoles Assembly

Ref.	Part Number	Qty.	Description
1	1-807513	4	Bolt-Carriage #10-24 X 1/2
2	116-9430	1	Console, Navigator, RH
3	103-8146	1	Console, LH
4	109-2661	4	Screw-PPH #10-24 X 1/2
5	116-9374	1	Control Panel W/Decals
6	109-4641	1	Cable, Control Throttle
7	322-2	6	Screw-HH 5/16-18 X 5/8
8	3231-27	1	Bolt-Carriage 3/8-16 X 7/8
9	3256-23	6	Washer-5/16 Sae
10	3296-2	4	Nut-Nyloc #10-24
11	3296-39	3	Nut-Nyloc 3/8-16
12	103-4362-03	1	Wld, Seat Frame Std
13	116-9554	1	Link-Seat Stop
14	103-5496	4	Mount, Vibration Rubber
15	103-8563	1	Link, Seat

Ref.	Part Number	Qty.	Description
16	116-4849	1	ASM-Seat W/Decal
16:1		1	ASM-Seat ●
16:1:1	116-4848	1	ASM-Seat Bottom Cushion
16:1:2	116-3738	1	Cushion,Seat Back
16:1:3	82-2190	1	Switch-Bail
16:2	116-1175	1	Decal,Service Aid Nav
17	32128-20	8	Nut-Whizlock 5/16-18
18	322-5	3	Screw-HH 5/16-18 X 1
19	323-14	2	Screw-HH 3/8-16 X 3
20	3296-29	3	Nut-Nyloc 5/16-18
21	5-0652	4	Spacer
22	1-643312	1	Clip-Loom
23	109-4640	1	Cable, Control Choke
25	99-7420	1	Plug-Hole

● Not serviced separately

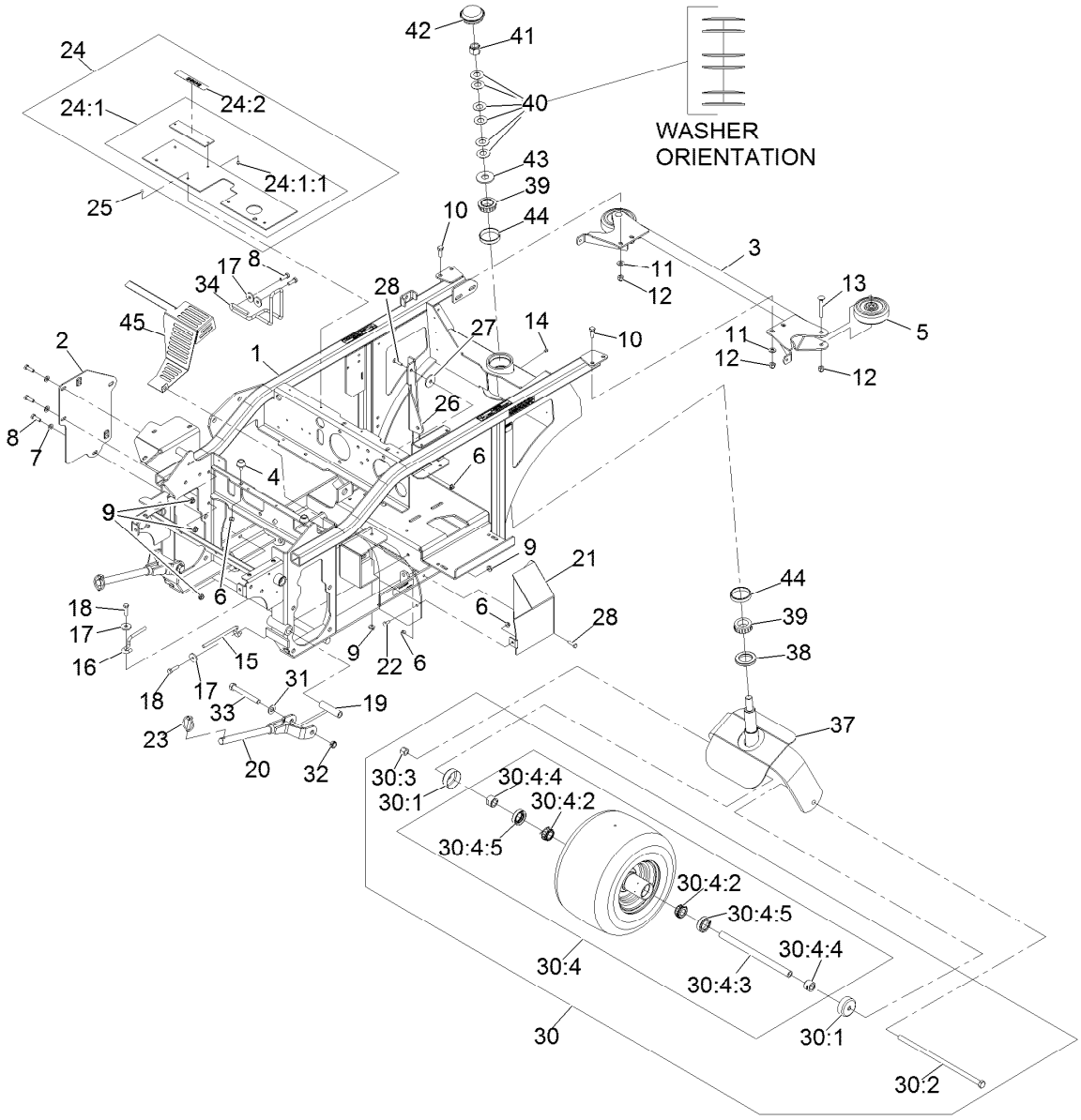


Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-7482	1	Frame ASM W/Decals
2	116-7396-03	1	Support Plate ASM
3	109-0925-03	1	Wld, Bumper Rear
4	109-2365	1	Bumper-Rubber
5	103-5408	2	Wheel
6	32128-33	5	Nut-Whizlock 1/4-20
7	3256-23	3	Washer-5/16 Sae
8	322-5	5	Screw-HH 5/16-18 X 1
9	32128-20	5	Nut-Whizlock 5/16-18
10	323-6	4	Screw-HH 3/8-16 X 1
11	3256-24	4	Washer-3/8 Sae
12	3296-39	6	Nut-Nyloc 3/8-16
13	3231-31	2	Bolt-Carriage 3/8-16 X 2 1/2
14	1-811010	1	Plug
15	103-8333	1	Guide, Belt
16	103-8349	1	Guide, Belt
17	1-613235	4	Washer
18	322-6	2	Screw-HH 5/16-18 X 1 1/4
19	1-633060	2	Spacer-Wheel, Short

Ref.	Part Number	Qty.	Description
20	103-6596-03	2	Wld, Push Rod
21	103-9475	1	Asm Drive, Shield
22	321-3	1	Screw-HH 1/4-20 X 5/8
23	103-4155	2	Pin-Lynch
24	103-9476	1	Asm, Shield W/Decal
24:1		1	ASM,Shield Lift ●
24:1:1	1-803035	2	Rivet 3/16 X 1/4
24:2	98-4361	1	Decal-Warning
25	1-803035	4	Rivet 3/16 X 1/4
26	109-5874-03	1	Brace, PTO
27	1-213069	1	Washer
28	321-6	2	Screw-HH 1/4-20 X 1
30	103-9494	1	Asm, Rear Caster Wheel W/Axle
30:1	103-2768	2	Guard-Seal
30:2	103-7738	1	Screw-HH 1/2-13 X 13
30:3	3296-23	1	Nut-Nyloc 1/2-13
30:4	103-5305	1	Asm, Wheel Tire And Brg 13X8.00-6 Sp

● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

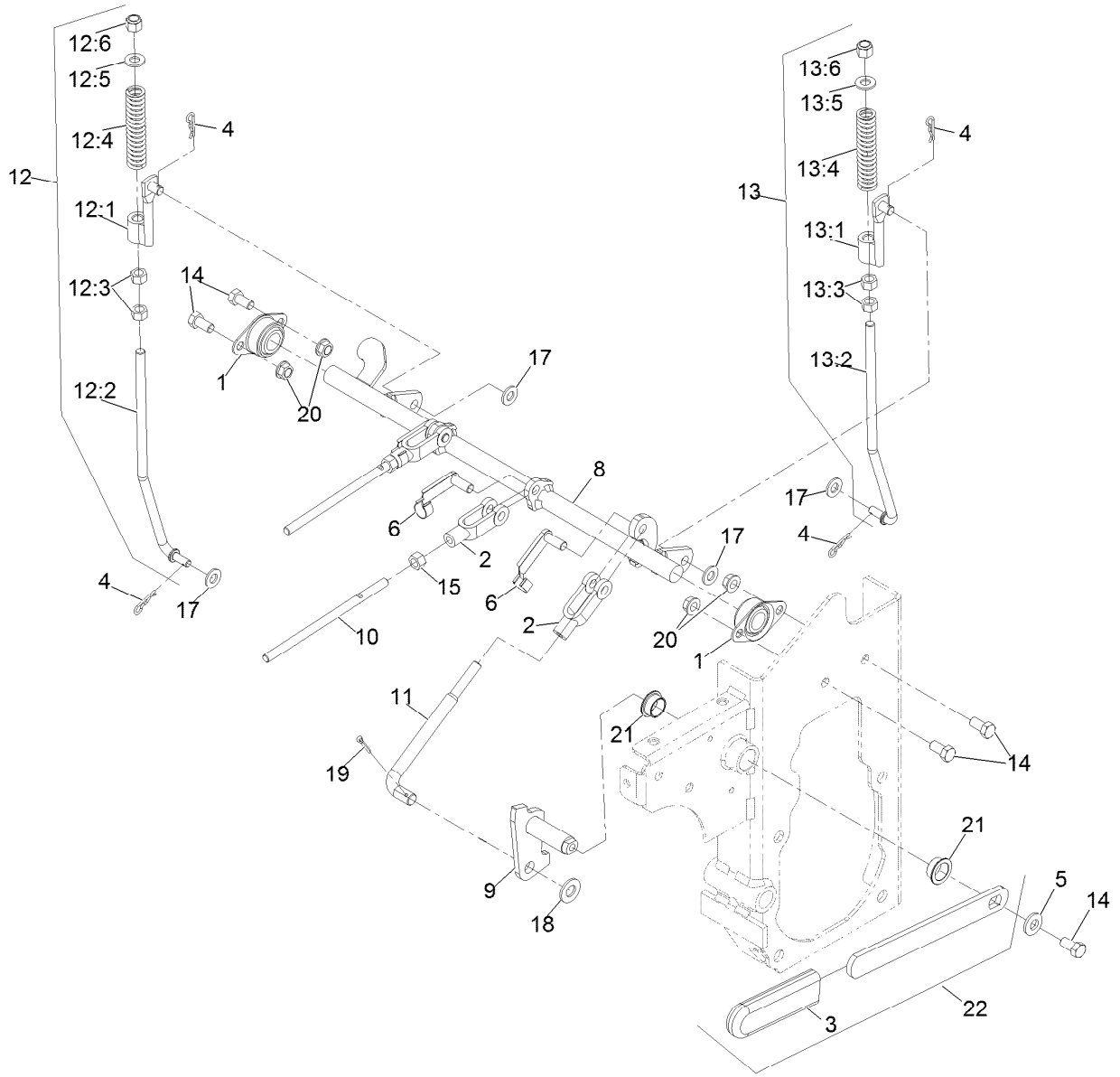


Main Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
30:4:2	1-633585	2	Bearing-Cone Tapered Roller
30:4:3	103-5302	1	Axle, Caster
30:4:4	103-3051	2	Spacer-Nut ■
30:4:5	103-0063	2	Seal-Double Lip
31	3256-26	2	Washer-1/2 Sae
32	3296-45	2	Nut-Nyloc 1/2-13 Thin
33	325-17	2	Screw-HH 1/2-13 X 4
34	116-8323	1	Guide-Belt

Ref.	Part Number	Qty.	Description
37	103-3351-03	1	Wld, Rear Caster Fork
38	103-9027	1	Seal, Grease
39	103-9028	2	Cone-Bearing Taper Roller
40	1-633508	6	Washer-Spring Disc
41	3296-51	1	Nut-Nyloc 3/4-10
42	103-9057	1	Cap, Grease
43	3256-8	1	Washer
44	103-9029	2	Cup-Bearing Tapered Roller
45	116-7272-03	1	Shield-Heat

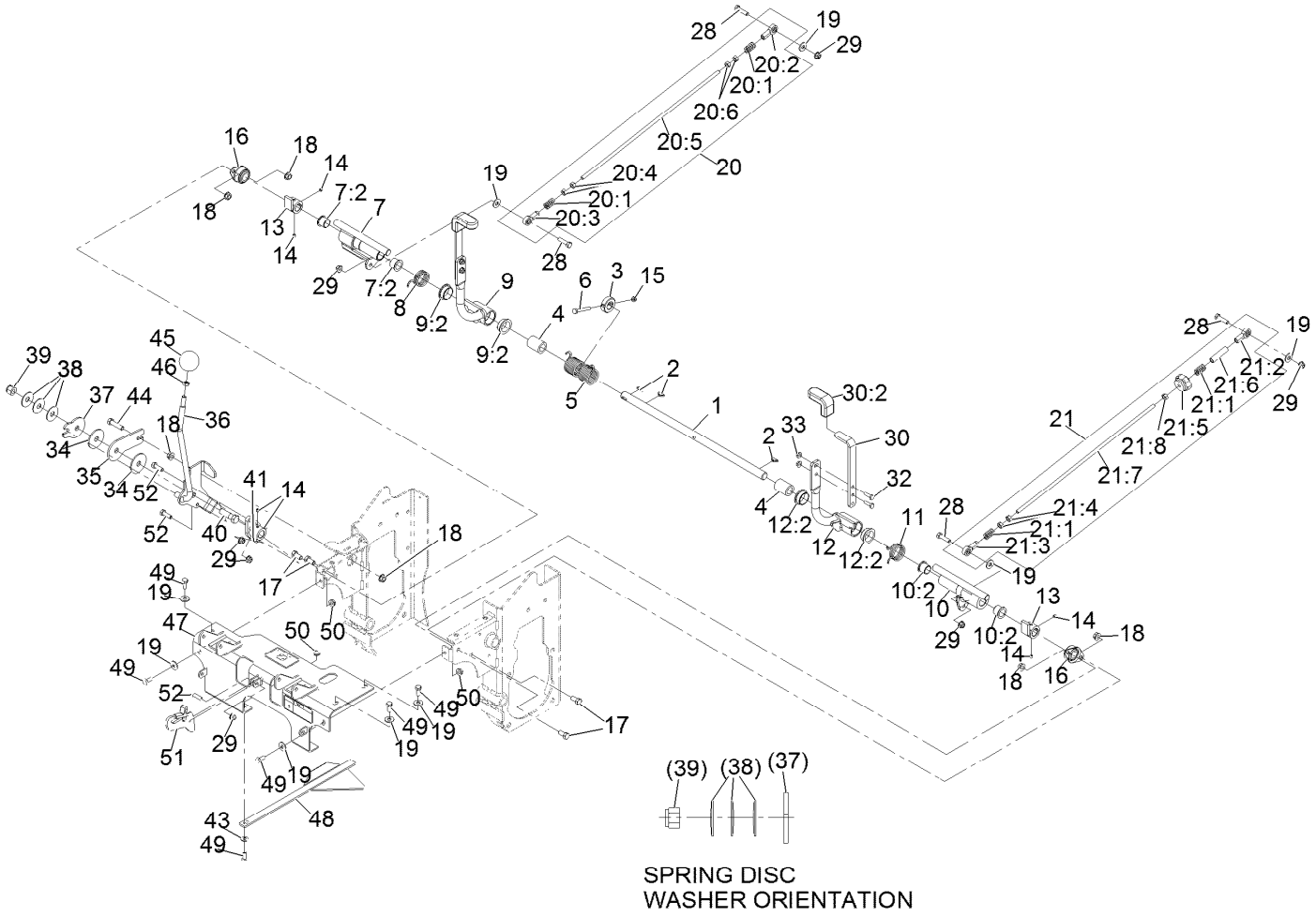
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Park Brake Assembly

Ref.	Part Number	Qty.	Description
1	1-633102	2	Bearing-Flanged
2	1-633131	3	Yoke-Linkage, Brake
3	1-633268	1	Grip-Lever
4	1-806003	4	Hairpin-Cotter
5	98-5975	1	Washer-Spring Disc 3/8
6	103-2399	3	Pin-Clevis Spring 3/8
8	116-7483-03	1	Brakeshaft ASM [black]
9	116-7486	1	Brake Pivot ASM
10	116-7838	2	Rod-Linkage Brake
11	116-8474	1	Rod-Linkage, Brake
12	116-9748	1	RH Brake Linkage ASM
12:1	116-8467	1	Brake Linkage ASM
12:2	116-8465	1	Link-Brake, RH
12:3	3219-3	2	Nut-Hex 3/8-24
12:4	116-8470	1	Spring-Compression
12:5	3256-24	1	Washer-3/8 Sae
12:6	3296-6	1	Nut-Nyloc 3/8-24

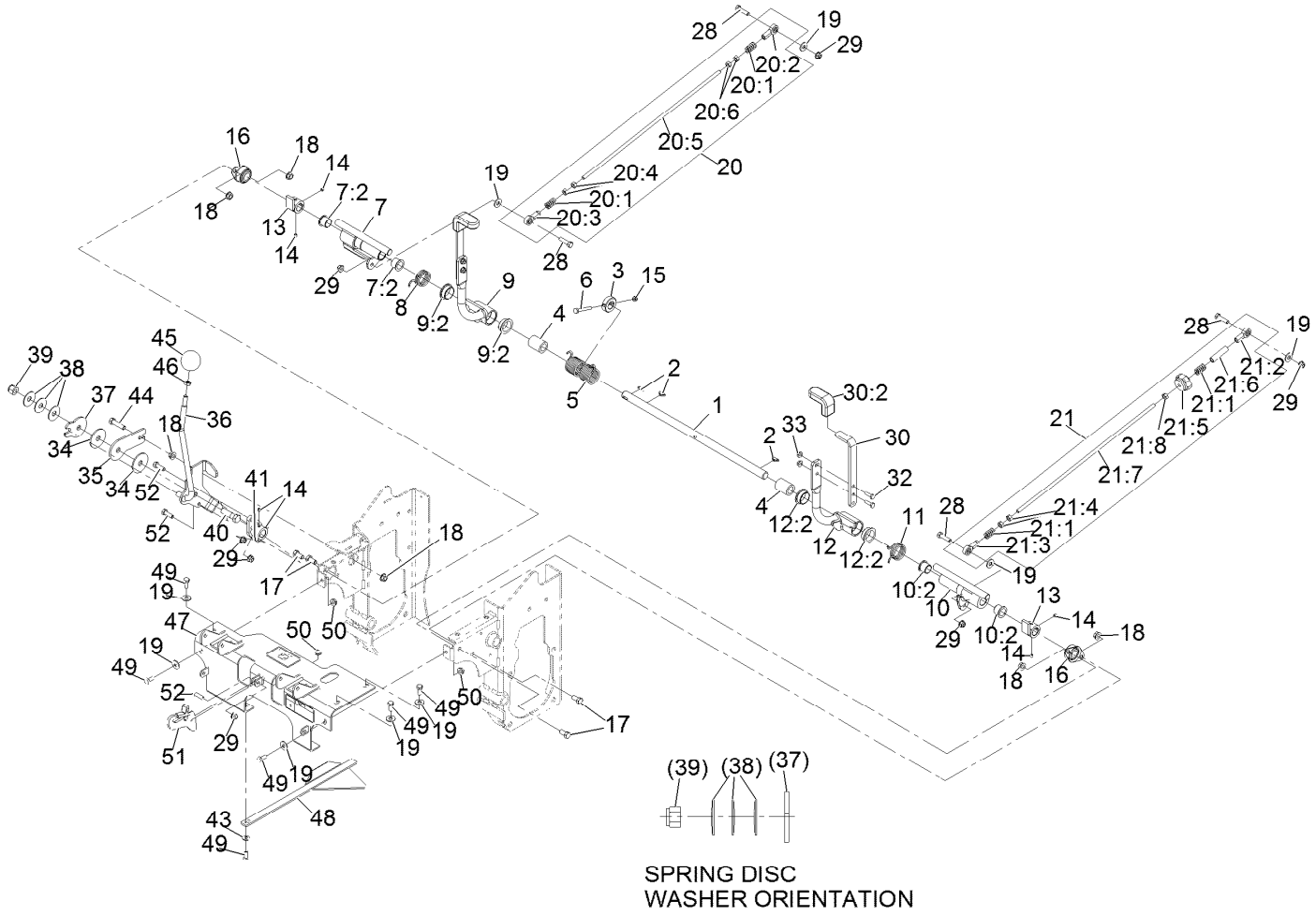
Ref.	Part Number	Qty.	Description
13	116-9749	1	LH Brake Linkage ASM
13:1	116-8467	1	Brake Linkage ASM
13:2	116-8464	1	Link-Brake, LH
13:3	3219-3	2	Nut-Hex 3/8-24
13:4	116-8470	1	Spring-Compression
13:5	3256-24	1	Washer-3/8 Sae
13:6	3296-6	1	Nut-Nyloc 3/8-24
14	323-4	5	Screw-HH 3/8-16 X 3/4
15	3219-3	2	Nut-Hex 3/8-24
17	3256-24	4	Washer-3/8 Sae
18	3256-26	1	Washer-1/2 Sae
19	3272-10	1	Pin-Cotter 1/8 X 3/4
20	3290-357	4	Nut-Whizlock 3/8-16
21	108519	2	Bushing-Bronze
22	103-9469	1	Asm, Park Brake Handle W/Grip



Speed Control Assembly

Ref.	Part Number	Qty.	Description
1	116-7856	1	Shaft-Speed Control
2	3257-5	3	Key-Woodruff #9 3/4 X 3/16
3	116-7372	1	Hub-Center Stop
4	116-7414	2	Bushing-Plastic
5	116-8475	1	Spring-Double Torsion
6	321-11	1	Screw-HH 1/4-20 X 2
7	116-8444	1	RH Control Hub ASM
7:2	103-4398	2	Bearing, Flange Iglide
8	116-7380	1	Spring-Torsion, RH
9	116-7408	1	RH Steering Handle ASM W/Bearings
9:2	116-7422	2	Bearing-Flange Iglide
10	116-7416	1	LH Control Hub ASM
10:2	103-4398	2	Bearing, Flange Iglide
11	116-7381	1	Spring-Torsion, LH
12	116-7421	1	LH Steering Handle ASM W/Bearings
12:2	116-7422	2	Bearing-Flange Iglide
13	103-4342	2	Wld,Hub Speed Control
14	108-0989	6	Setscrew-1/4-20 X 1/4
15	3296-56	1	Nut-Nyloc 1/4-20 Thin

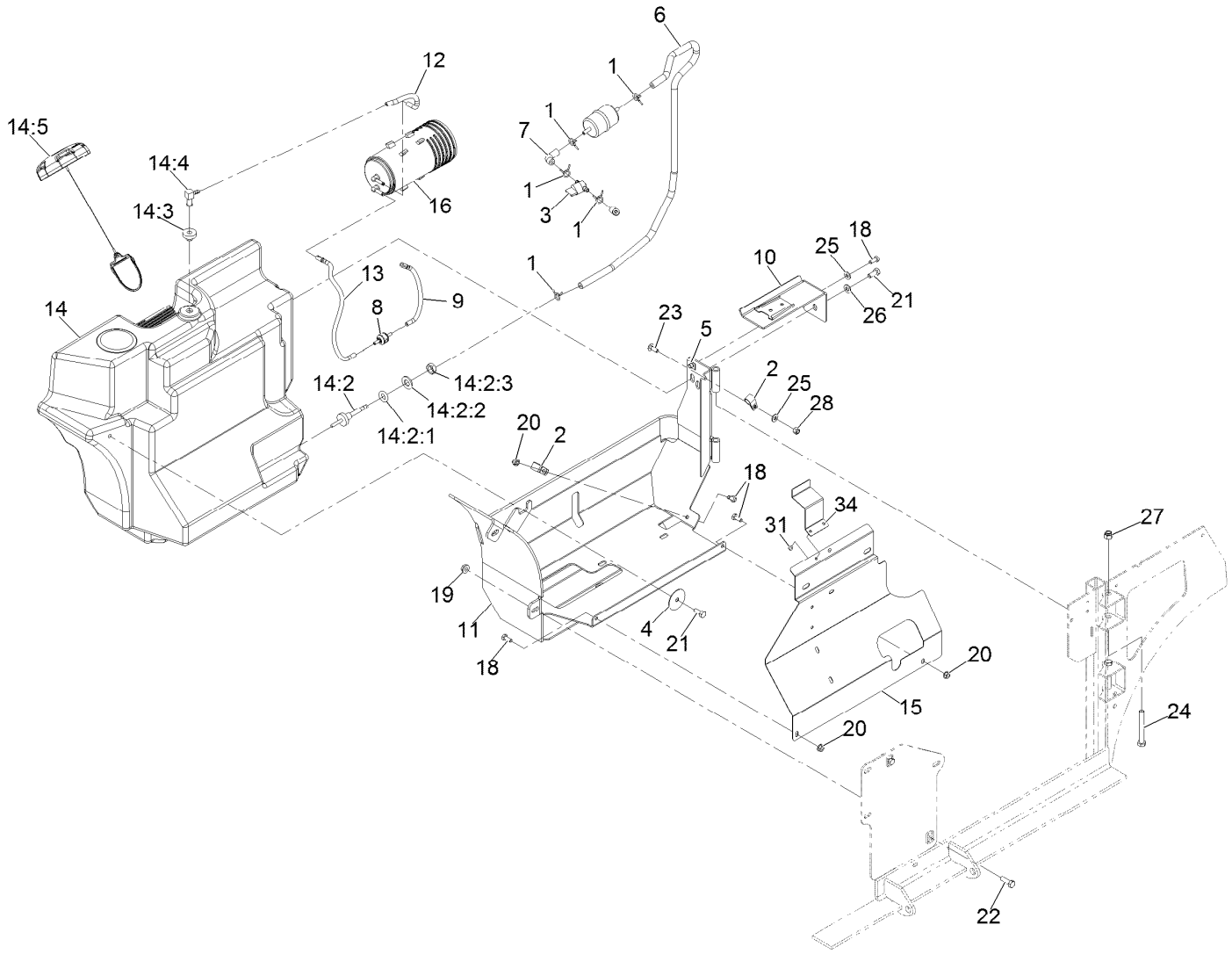
Ref.	Part Number	Qty.	Description
16	1-633102	2	Bearing-Flanged
17	323-4	4	Screw-HH 3/8-16 X 3/4
18	3290-357	6	Nut-Whizlock 3/8-16
19	3256-3	9	Washer-5/16 Std
20	116-9667	1	RH Pump Linkage ASM
20:1	1-323245	2	Spring-Compression
20:2	1-543017	1	Balljoint-RH
20:3	1-633152	1	Balljoint-LH
20:4	1-804524	2	Nut
20:5	116-7492	1	Rod-Steering Linkage
20:6	3219-2	2	Nut-Hex
21	116-9668	1	LH Pump Linkage ASM
21:1	1-323245	2	Spring-Compression
21:2	1-543017	1	Balljoint-RH
21:3	1-633152	1	Balljoint-LH
21:4	1-804524	2	Nut
21:5	103-3060	1	Knob-Tracking
21:6	103-5945	1	Spacer
21:7	116-7492	1	Rod-Steering Linkage
21:8	3219-2	1	Nut-Hex
28	322-6	4	Screw-HH 5/16-18 X 1 1/4



Speed Control Assembly (continued)

Ref.	Part Number	Qty.	Description
29	104-8300	7	Nut-Nyloc 5/16-18 Flg
30	116-9246	2	Handle W/Grip ASM
30:2	103-5994	1	Grip, Steering Handle
32	321-5	4	Screw-HH 1/4-20 X 7/8
33	32128-33	4	Nut-Whizlock 1/4-20
34	103-5009	2	Disc, Friction
35	116-7846	1	Plate-Speed Control Friction
36	116-7845	1	Speed Control Lever ASM
37	116-7849	1	Plate-Speed Control Friction
38	103-5018	3	Washer-Spring Disc
39	3296-19	1	Nut-Nyloc 1/2-20
40	116-7848	1	Screw-HH

Ref.	Part Number	Qty.	Description
41	116-7859	1	Speed Control Hub ASM
43	3256-23	1	Washer-5/16 Sae
44	323-8	1	Screw-HH 3/8-16 X 1 1/2
45	103-4397	1	Knob, Speed Control
46	3218-3	1	Nut-Jam 3/8-16
47	116-7384	1	Console ASM W/Decals
48	103-5993-03	1	Guide, Plenum
49	322-3	6	Screw-HH 5/16-18 X 3/4
50	32128-20	3	Nut-Whizlock 5/16-18
51	103-8494	1	Hook
52	322-5	3	Screw-HH 5/16-18 X 1

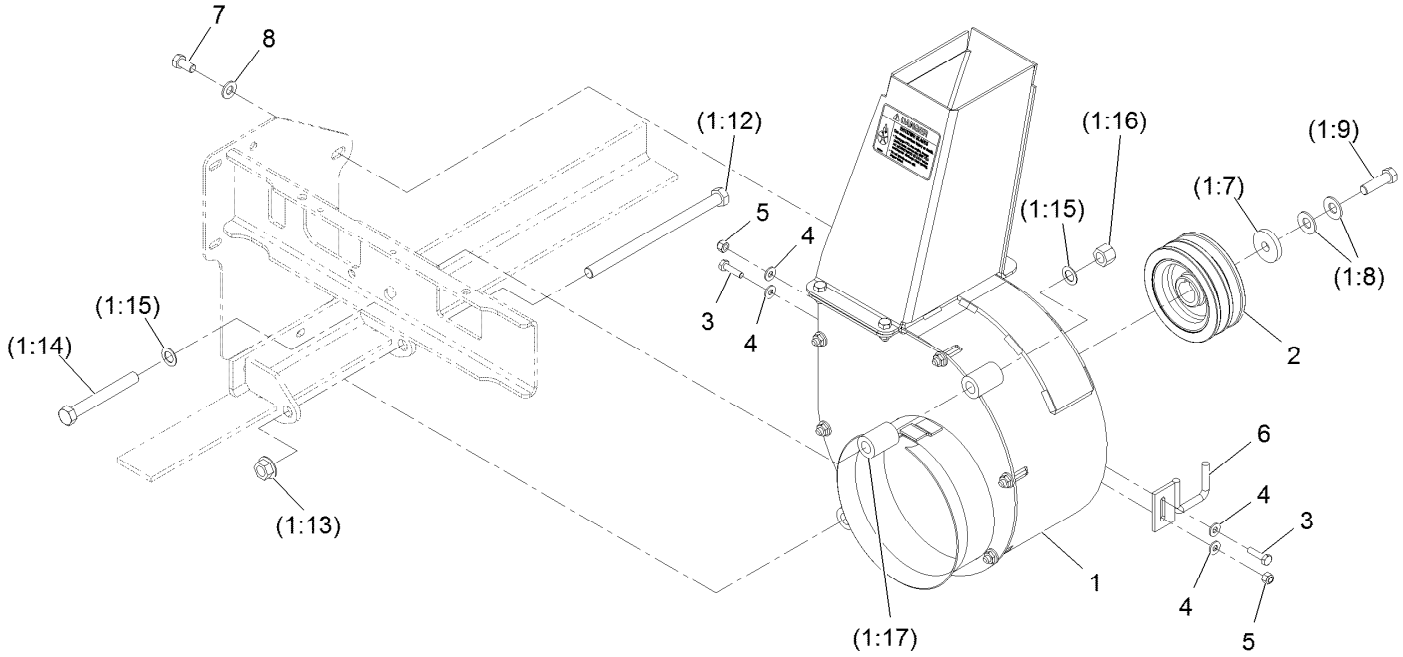


Fuel Assembly

Ref.	Part Number	Qty.	Description
1	1-303077	5	Clamp-Fuel Line
2	1-513762	2	Clip-Loom 1/2
3	1-603770	1	Valve-Fuel
4	1-653036	1	Washer
5	107069	1	Nut-Retainer-Panel 1/4-20
6	109-0284	1	Hose-Fuel Line 29"
7	109-0304	1	Hose-Fuel Line 2 1/2"
8	115-7868	1	Valve-Check, Vacuum
9	116-2619	1	Hose-Vent, Formed
10	116-2847-03	1	Canister Bracket ASM
11	116-2848-03	1	Tank Frame ASM
12	116-2966	1	Hose-Vent, Formed
13	116-2967	1	Hose-Vent, Formed
14	116-8365	1	Fuel Tank ASM
14:2	103-6057	1	Fitting-Fuel Bulkhead W/Screen ●
14:2:1	103-2784	1	O-Ring
14:2:2	3256-26	1	Washer-Flat
14:2:3	3220-5	1	Nut-Jam

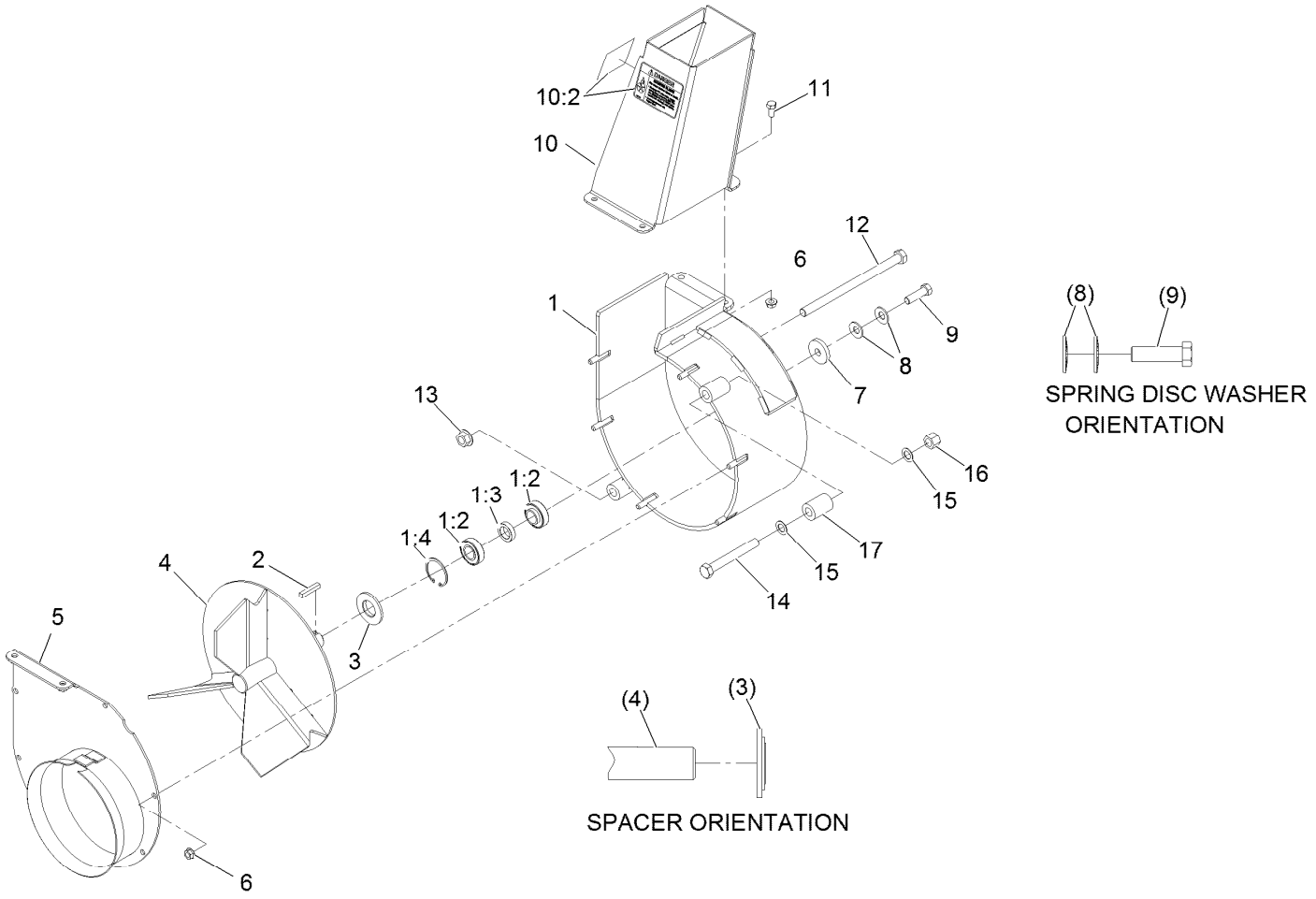
Ref.	Part Number	Qty.	Description
14:3	46-6560	1	Bushing
14:4	100-1596	1	Fitting-90 DEG
14:5	120-5461	1	Cap-Fuel, Ratcheting
15	116-7928-03	1	Panel-Tank Shield
16	117-1221	1	Canister-Carbon, 800Cc
18	321-3	4	Screw-HH 1/4-20 X 5/8
19	32128-20	2	Nut-Whizlock 5/16-18
20	32128-33	3	Nut-Whizlock 1/4-20
21	322-3	2	Screw-HH 5/16-18 X 3/4 ●
22	322-5	2	Screw-HH 5/16-18 X 1 ■
23	3229-1	1	Bolt-Carriage 1/4-20 X 3/4
24	323-14	2	Screw-HH 3/8-16 X 3
25	3256-22	2	Washer-1/4 Sae
26	3256-23	1	Washer-5/16 Sae
27	3296-39	2	Nut-Nyloc 3/8-16
28	3296-42	1	Nut-Nyloc 1/4-20
31	1-803035	2	Rivet 3/16 X 1/4
34	116-4037-03	1	Bracket-Tank Shield

● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Use Pro-Lock retaining type, Part no. 1-840023 (.5cc tube) on threads.



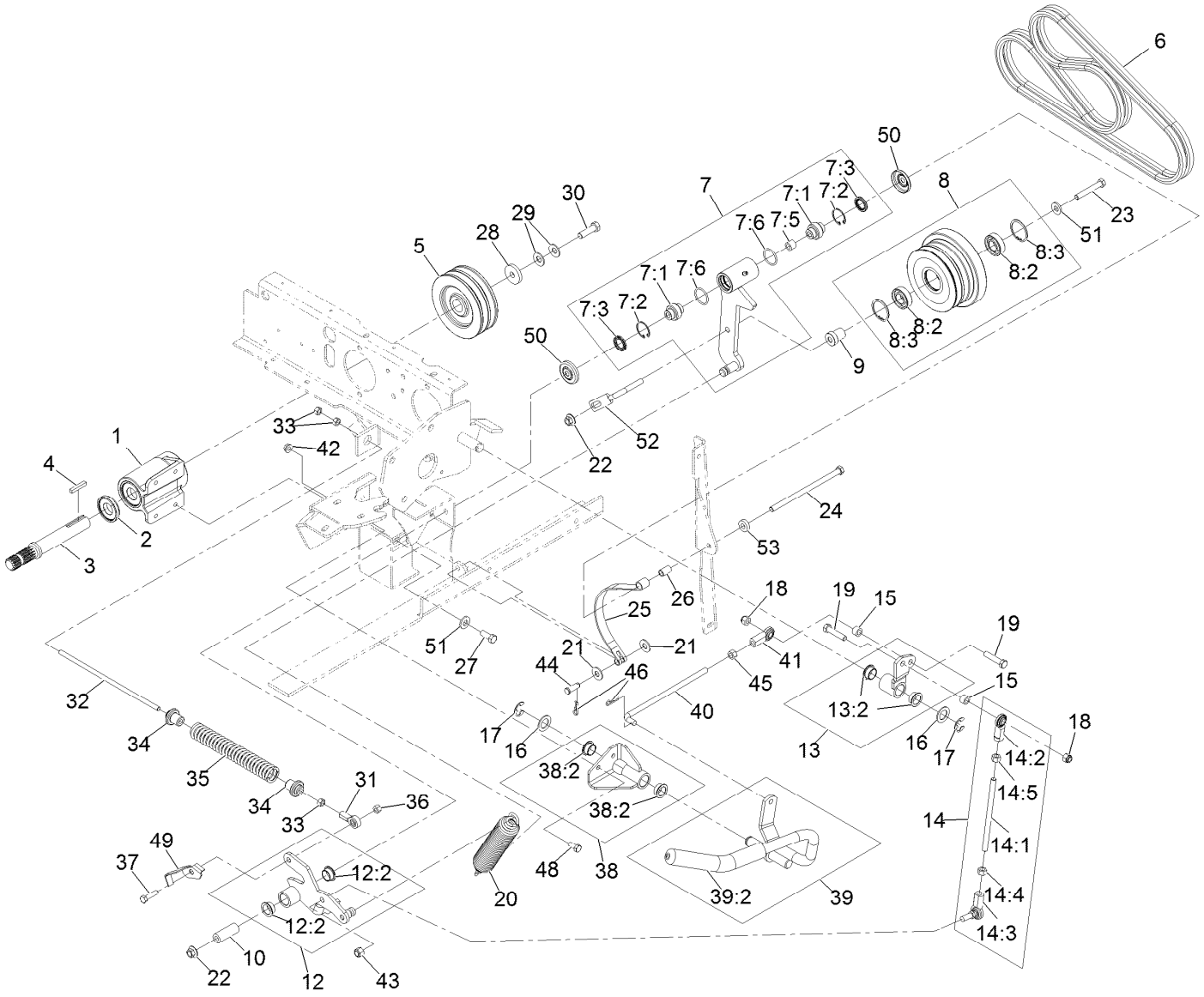
Blower Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-9649	1	Blower Complete ASM
2	103-6733	1	Sheave, Blower
3	321-6	2	Screw-HH 1/4-20 X 1
4	3256-22	4	Washer-1/4 Sae
5	3296-42	2	Nut-Nyloc 1/4-20
6	103-9167-03	1	Wld, Guide
7	323-4	1	Screw-HH 3/8-16 X 3/4
8	3256-24	1	Washer-3/8 Sae



Complete Blower Assembly No. 116-9649

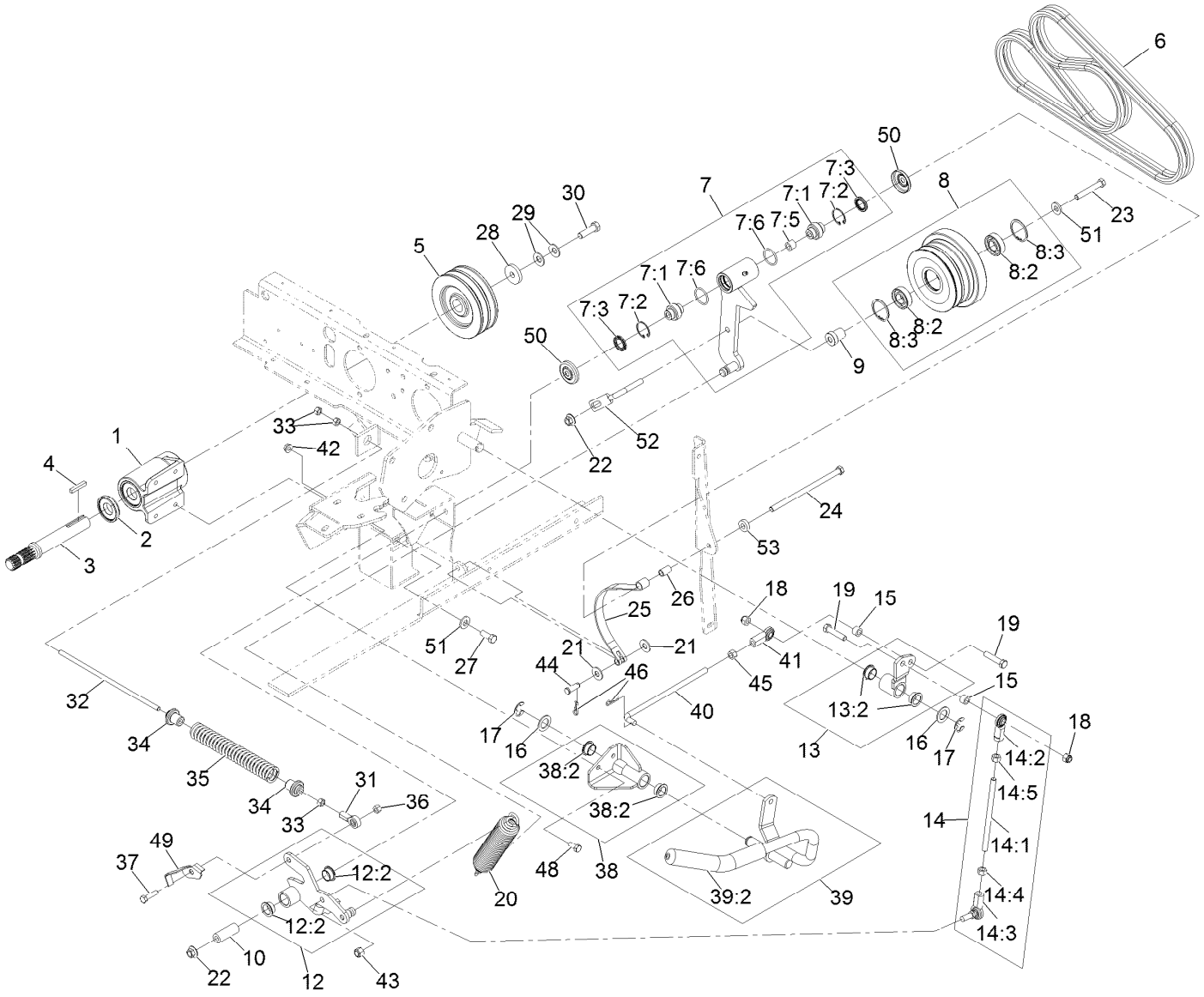
Ref.	*Part Number*	*Qty.*	*Description*
1	116-9648	1	Housing W/Bearings ASM
1:2	103-3540	2	Bearing, Ball
1:3	103-4921	1	Spacer, Bearing
1:4	32120-8	2	Ring-Snap
2	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2
3	103-3894	1	Spacer, Blower
4	103-5194	1	Wld, Impeller
5	103-3370-03	1	Wld, Blower Cover Assembly
6	32128-20	10	Nut-Whizlock 5/16-18
7	1-543610	1	Washer
8	1-603610	2	Washer-Spring Disc 7/16
9	3212-6	1	Screw-HH 7/16-20 X 1 1/2
10	103-9474	1	Asm, Discharge Chute W/Decal
10:2	109-7318	2	Decal, Danger
11	322-3	4	Screw-HH 5/16-18 X 3/4
12	325-42	1	Screw-HH 1/2-13 X 8
13	32128-23	1	Nut-Hex 1/2-13 Side Lock
14	325-17	1	Screw-HH 1/2-13 X 4
15	18-9810	2	Washer-Thrust
16	3296-23	1	Nut-Nyloc 1/2-13
17	103-6999	1	Spacer, Mount



Jackshaft Assembly

Ref.	Part Number	Qty.	Description
1	103-2544	1	Jackshaft ASM
2	103-2535	1	Spacer-Guard Bottom
3	103-6735	1	Jackshaft
4	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2
5	103-6732	1	Sheave
6	103-6737	1	Belt, Matched Pair
7	103-8253	1	Asm, Idler Pivot
7:1	103-3504	2	Bearing-Spherical
7:2	32120-10	2	Ring-Snap
7:3	103-3506	2	Seal-Single Lip
7:5	1-413088	1	Bushing-Lever, Lift
7:6	106-7159	2	O-Ring
8	103-9439	1	Asm, Idler Sheave
8:2	251-347	2	Bearing-Ball
8:3	32151-13	2	Ring-Retaining
9	103-7350	1	Spacer, Idler
10	103-7382	1	Bushing
12	103-9296	1	Asm, Arm W/Bushing
12:2	108519	2	Bushing-Bronze
13	103-9297	1	Asm, Arm W/Bushing

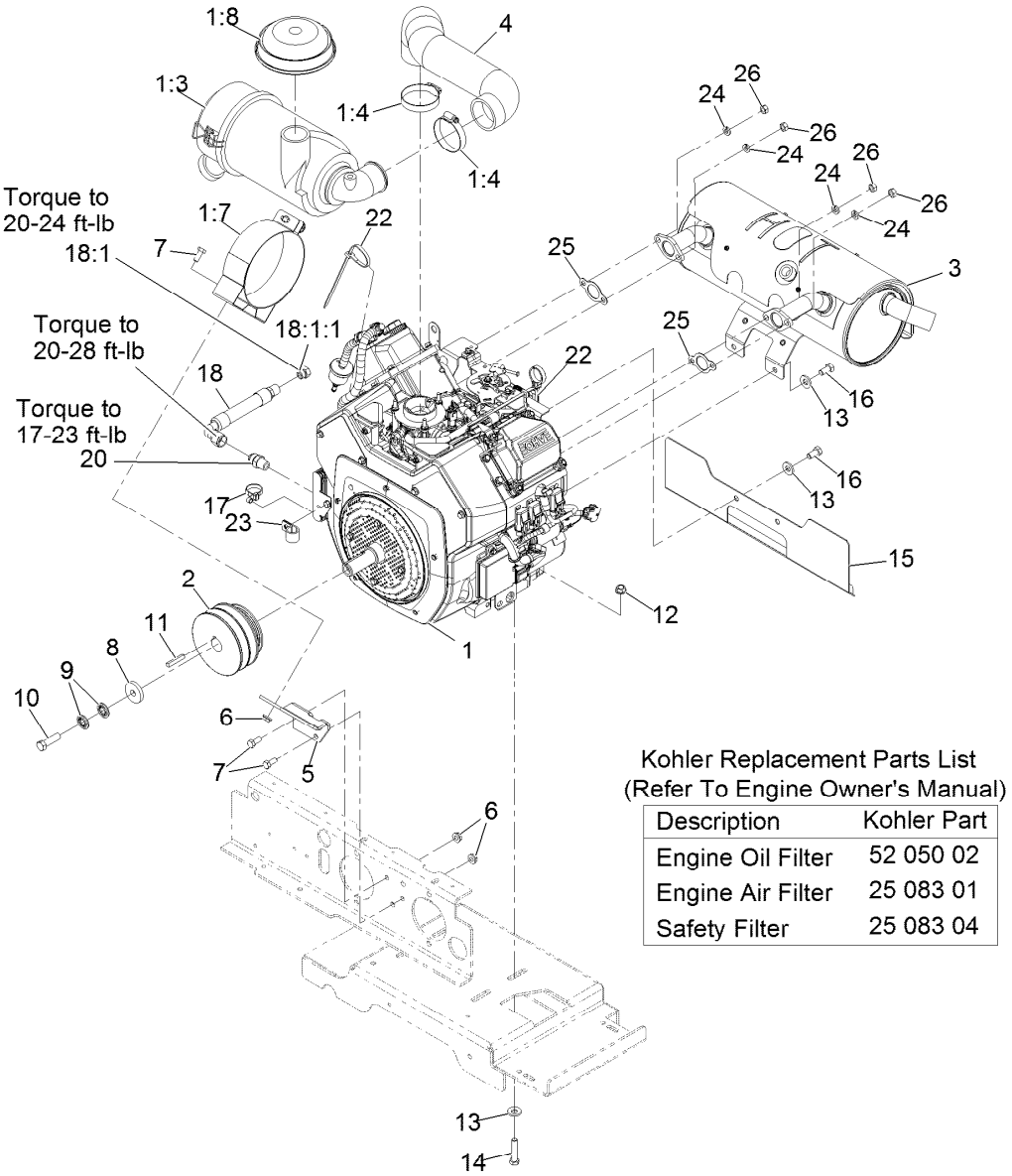
Ref.	Part Number	Qty.	Description
13:2	108519	2	Bushing-Bronze
14	103-7392	1	Asm, Link Clutching
14:1	103-7393	1	Linkage, Rod
14:2	103-1167	1	Joint-Ball End, LH
14:3	103-7994	1	Balljoint
14:4	3219-3	1	Nut-Hex 3/8-24
14:5	3219-20	1	Nut-Hex, LH
15	92-9025	2	Spacer
16	1-303007	2	Washer
17	32151-48	2	E-Ring
18	3296-39	2	Nut-Nyloc 3/8-16
19	323-9	2	Screw-HH 3/8-16 X 1 3/4
20	109-0148	1	Spring-Extension
21	3256-4	2	Washer-3/8 Std
22	32128-19	2	Nut-Hex 3/8-16 Side Lock
23	323-12	1	Screw-HH 3/8-16 X 2 1/2
24	323-36	1	Screw-HH 3/8-16 X 7
25	103-7697	1	Band, Brake
26	103-9816	1	Spacer
27	323-6	4	Screw-HH 3/8-16 X 1
28	1-543610	1	Washer



Jackshaft Assembly (continued)

Ref.	Part Number	Qty.	Description
29	1-603610	2	Washer-Spring Disc 7/16
30	3212-6	1	Screw-HH 7/16-20 X 1 1/2
31	1-543017	1	Balljoint
32	103-7996	1	Linkage, PTO Brake Rod
33	3219-2	3	Nut-Hex 5/16-24
34	103-8254	2	Bushing, Spring
35	103-7997	1	Spring, Brake
36	3296-29	1	Nut-Nyloc 5/16-18
37	322-6	1	Screw-HH 5/16-18 X 1 1/4
38	103-9295	1	Asm, Pivot W/Bushing
38:2	108519	2	Bushing-Bronze
39	103-9486	1	Asm, PTO Handle W/Grip
39:2	103-8153	1	Grip-Lever, Control

Ref.	Part Number	Qty.	Description
40	103-8277	1	Link, Handle
41	103-0608	1	Balljoint
42	32128-20	2	Nut-Whizlock 5/16-18
43	3296-6	1	Nut-Nyloc 3/8-24
44	283-2	1	Pin-Clevis 3/8 X 1 1/6
45	3219-3	1	Nut-Hex 3/8-24
46	1-806003	2	Hairpin-Cotter
48	322-3	2	Screw-HH 5/16-18 X 3/4
49	103-8716-03	1	Flag, Switch
50	103-2916	2	Guard-Top
51	98-5975	5	Washer-Spring Disc 3/8
52	109-5491	1	Belt, Guide
53	5-0652	1	Spacer



Kohler Replacement Parts List
(Refer To Engine Owner's Manual)

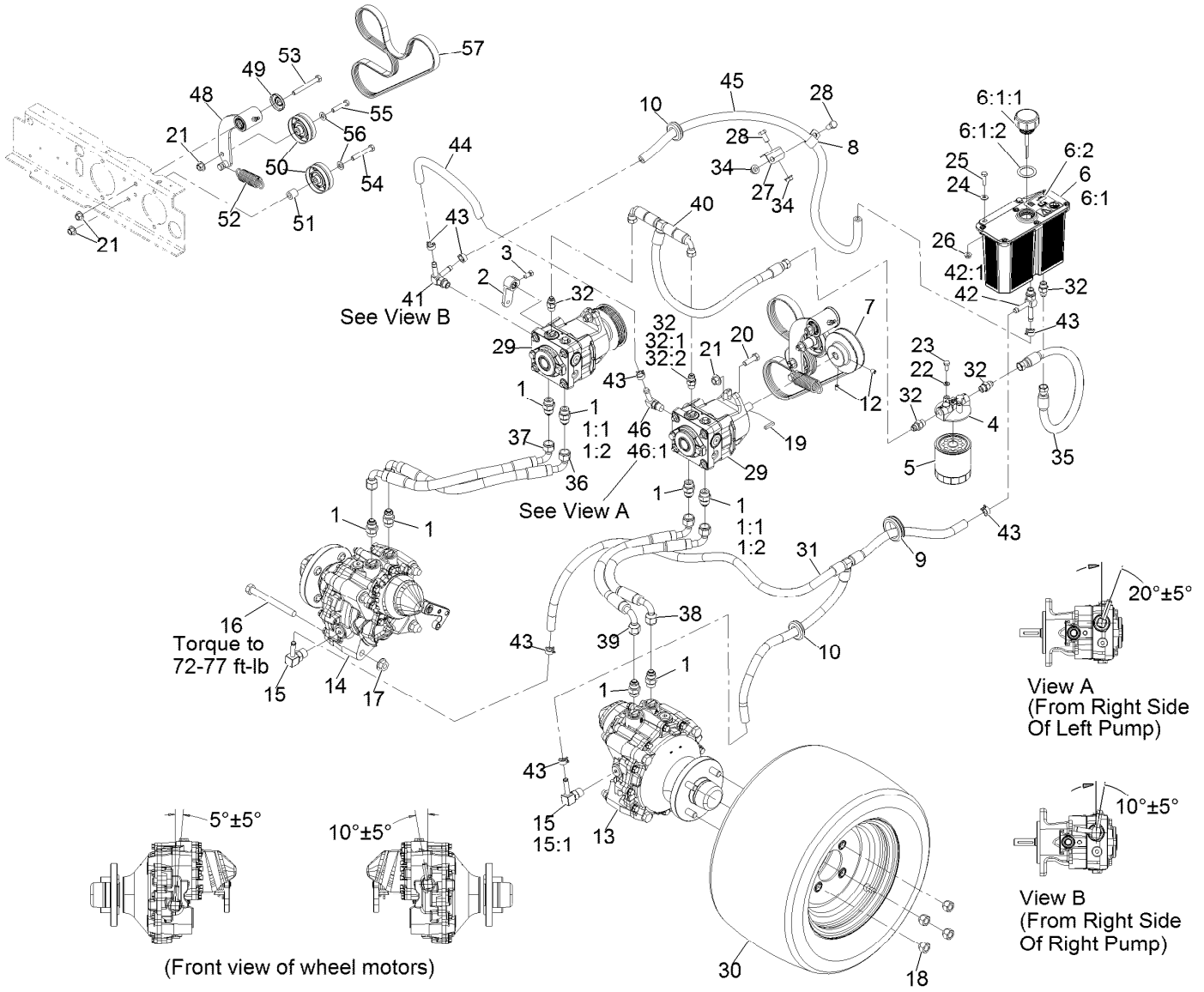
Description	Kohler Part
Engine Oil Filter	52 050 02
Engine Air Filter	25 083 01
Safety Filter	25 083 04

Engine Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1		1	ASM-Engine 640Kc●
1:3	103-8569	1	Air Cleaner, Canister Nav
1:4	2412-42	2	Clamp-Hose
1:7	103-1058	1	Bracket-Filter, Air
1:8	100-2436	1	Asm-Hood Air Intake W/Clamp
2	103-6731	1	Sheave, Engine
3	103-7444	1	Muffler
4	103-6961	1	Hose, Air Intake
5	103-3695-03	1	Bracket, Air Filter
6	32128-20	4	Nut-Whizlock 5/16-18
7	322-3	4	Screw-HH 5/16-18 X 3/4
8	1-543610	1	Washer
9	1-603610	2	Washer-Spring Disc 7/16
10	3212-6	1	Screw-HH 7/16-20 X 1 1/2▲
11	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2

Ref.	*Part Number*	*Qty.*	*Description*
12	3290-357	4	Nut-Whizlock 3/8-16
13	98-5975	8	Washer-Spring Disc 3/8
14	323-9	4	Screw-HH 3/8-16 X 1 3/4
15	109-0181-03	1	Shield, Exhaust
16	323-4	4	Screw-HH 3/8-16 X 3/4
17	109-7896	1	Tie-Cable
18	116-5338	1	ASM-Oil Drain Hose W/Plug
18:1	353-508	1	Plug-W/O-Ring
18:1:1	237-42	1	O-Ring
20	116-1455	1	Fitting-,Straight■
22	1-303335	3	Tie-Cable 7 15/16 (Large)
23	1-633396	1	Clip-Loom 5/8
24	1-805005	4	Washer-Lock 5/16 Heavy
25	1-653291	2	Gasket-Exhaust
26	33014-00	4	Nut-Hex M8-1.25

● Not serviced separately
■ Use a Teflon Pipe Sealant or equivalent on threads.
▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

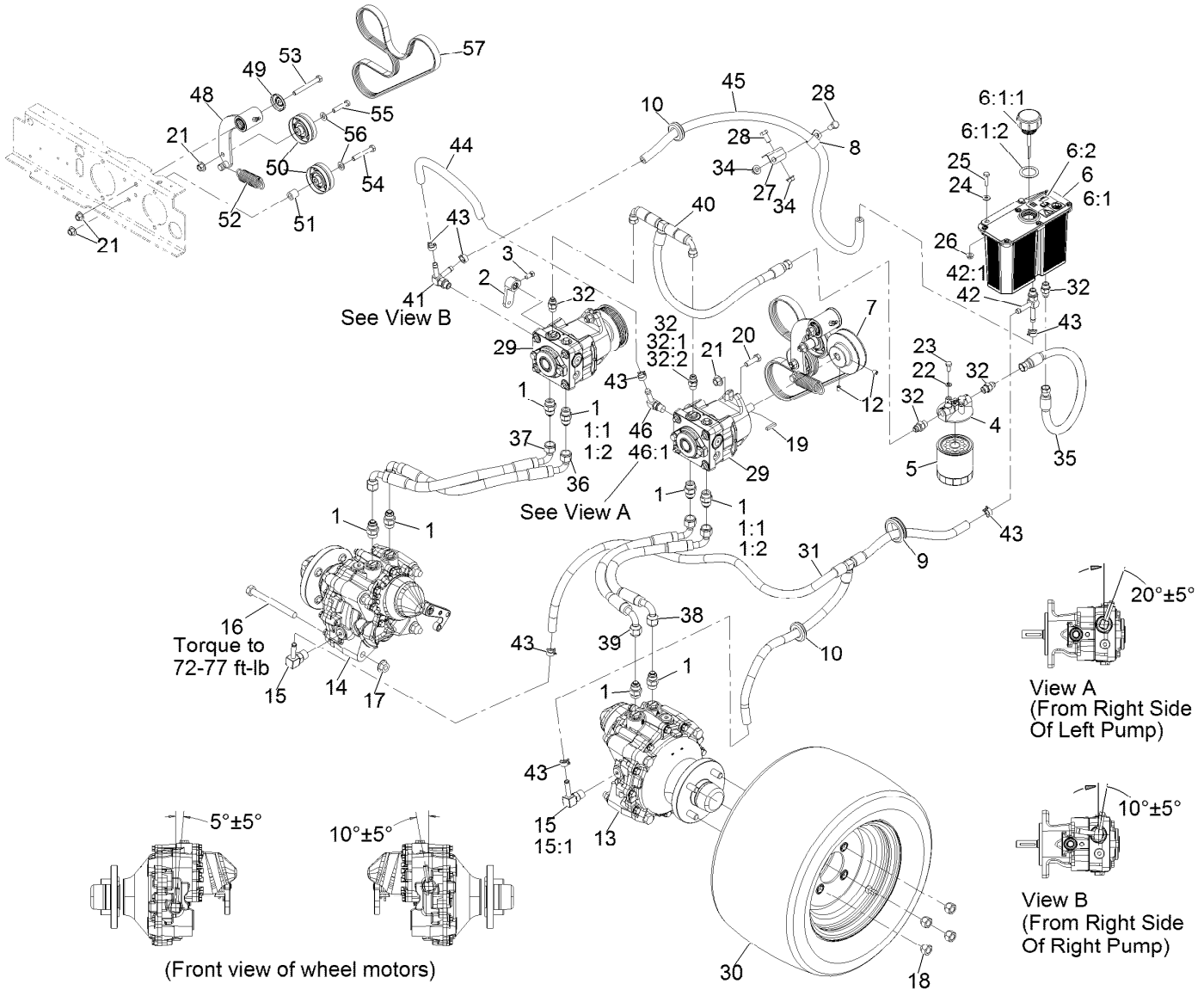


Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	1-603990	8	Adapter-Straight
1:1	1-603920	1	O-Ring-Sae #8
1:2	1-603992	1	O-Ring-37 Flare #8
2	1-632208	2	Arm-Control, Pump
3	120-6474	2	Screw-Set, SQH 5/16-18 X 3/4
4	104-7836	1	Filter-Head
5	109-4180	1	Element, Oil Filter
6	116-9274	1	Reservoir ASM W/Decal
6:1		1	Reservoir-HYD ●
6:1:1	116-9273	1	Cap-Reservoir, W/Gasket ASM
6:1:2	103-1949	1	Gasket-Cap
6:2	115-4212	1	Decal-Warning
7	103-4246	2	Sheave
8	1-633396	1	Clip-Loom 5/8
9	103-7706	1	Grommet
10	1-543286	2	Grommet
12	1-803310	4	Setscrew-5/16-18 X 3/8

Ref.	Part Number	Qty.	Description
13	116-7401	1	Motor-HYD H-Series, LH
14	116-7402	1	Motor-HYD H-Series, RH
15	354-134	2	Fitting-HYD, 90 DEG
15:1	237-79	1	O-Ring
16	325-19	8	Screw-HH 1/2-13 X 5
17	32128-49	8	Nut-Whizlock 1/2-13
18	242-50	8	Nut-Lug 1/2-20
19	1-807272	2	Key-5Mm X 5Mm X 25Mm
20	323-7	4	Screw-HH 3/8-16 X 1 1/4
21	32128-43	7	Nut-Whizlock 3/8-16
22	1-805004	2	Washer-Lock 1/4 Heavy
23	321-3	2	Screw-HH 1/4-20 X 5/8
24	3256-22	2	Washer-1/4 Sae
25	321-6	2	Screw-HH 1/4-20 X 1
26	32128-33	2	Nut-Whizlock 1/4-20
27	103-8631	1	Bracket, Clamp
28	323-4	2	Screw-HH 3/8-16 X 3/4
29	116-7836	2	Pump-Hydro,12Cc N-Type Nav Cs

● Not serviced separately

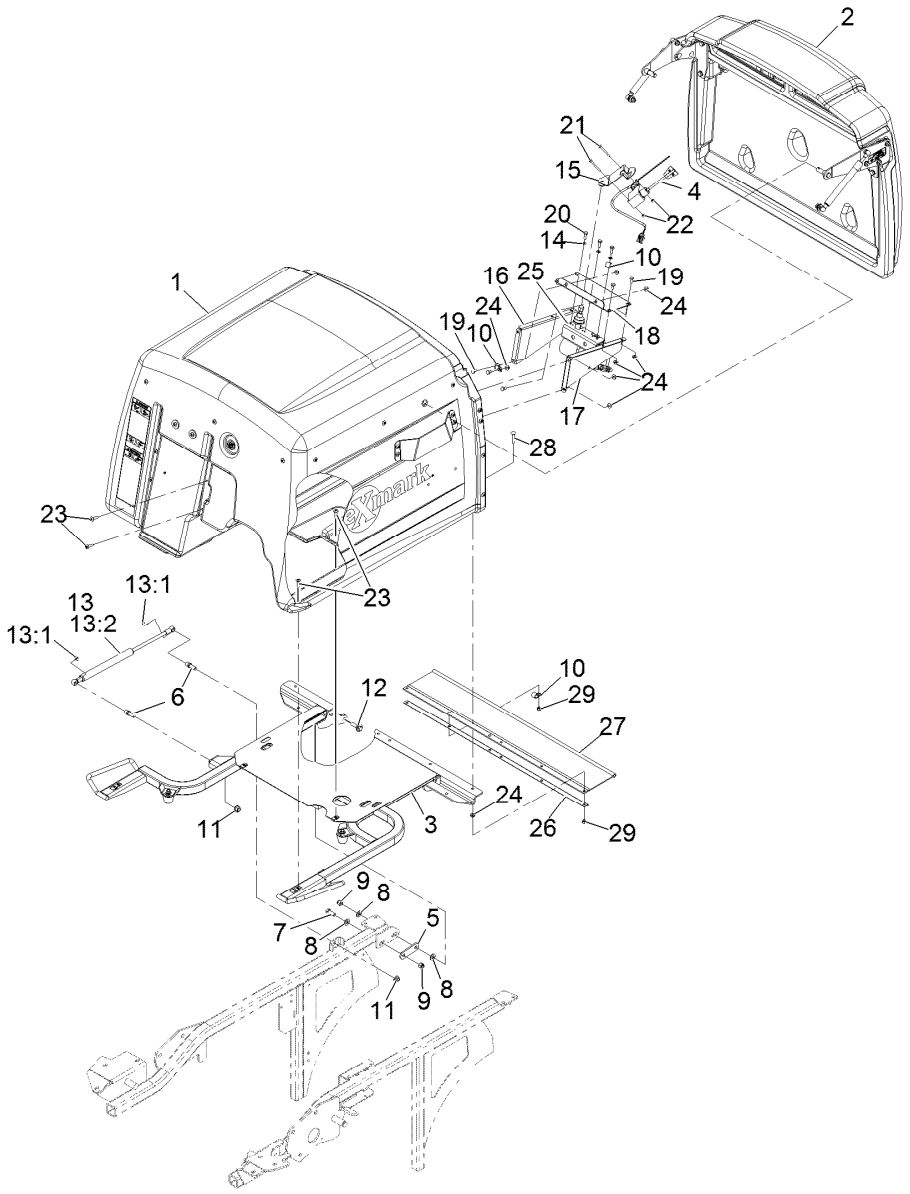


Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
30	116-5634	2	ASM-Tire And Wheel 18X10.5-10
31	116-7831	1	Hydraulic Hose ASM
32	103-2156	5	Adapter-Straight
32:1	1-603921	1	O-Ring-Sae #6
32:2	103-1020	1	O-Ring-37 Flare #6
34	3290-357	2	Nut-Whizlock 3/8-16
35	109-1258	1	Hose, Hydraulic
36	116-7827	1	Hydraulic Hose ASM
37	116-7828	1	Hydraulic Hose ASM
38	116-7829	1	Hydraulic Hose ASM
39	116-7830	1	Hydraulic Hose ASM
40	109-1264	1	Hose, Hydraulic
41	103-5469	1	Adapter-Tee Special
42	103-1828	1	Adapter-Running Tee
42:1	237-42	1	O-Ring

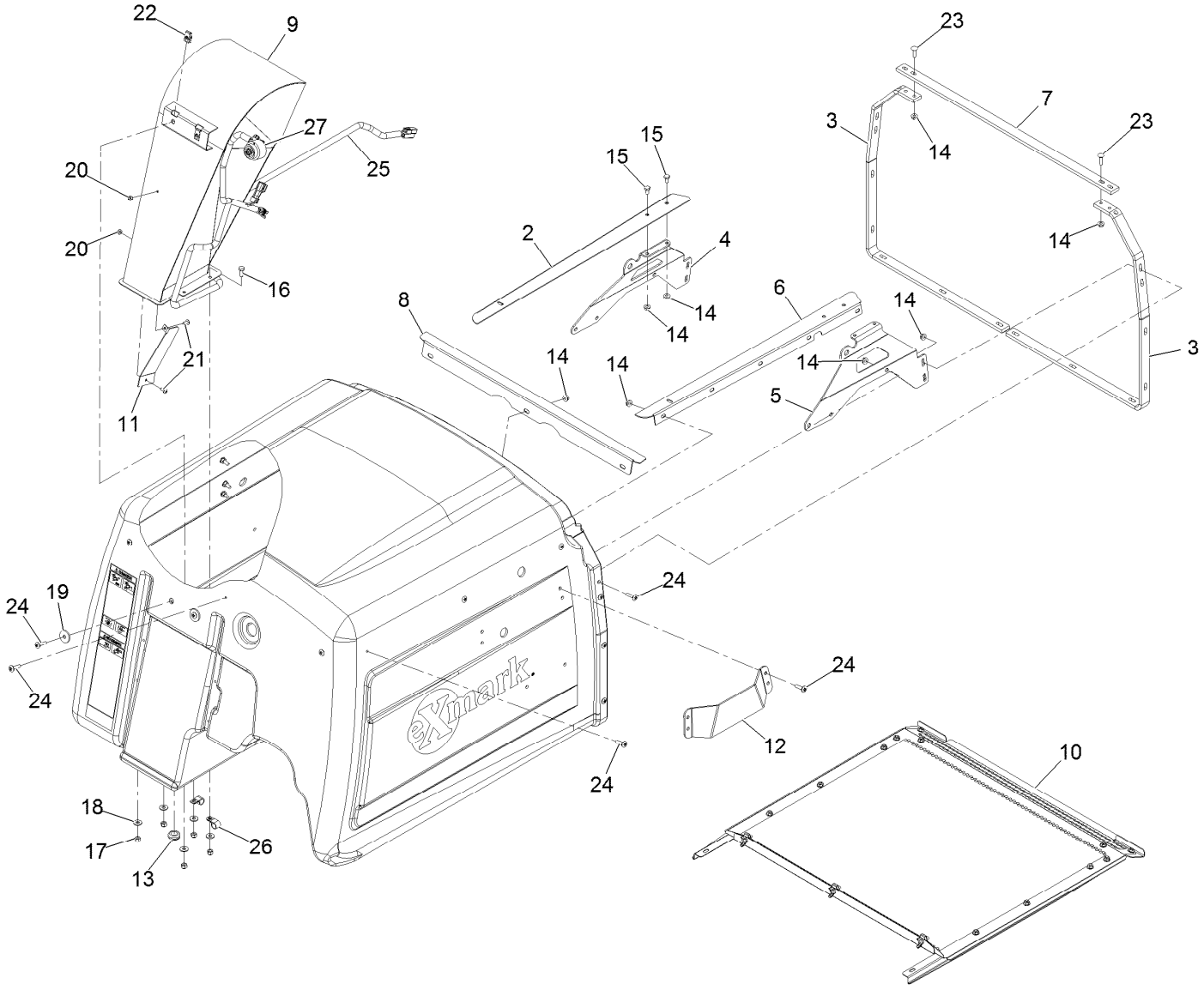
Ref.	Part Number	Qty.	Description
43	103-1988	7	Clamp-Hose 11/16
44	103-5452	1	Hose, Hydraulic
45	103-5477	1	Hose, Hydraulic
46	100-4887	1	Fitting-Barbed, 90 DEG
46:1	237-42	1	O-Ring
48	103-7349	1	Asm, Short Idler
49	103-2916	1	Guard-Top
50	116-6361	2	Pulley
51	106-5574	1	Spacer-Mounting, Steering
52	1-653331	1	Spring
53	323-20	1	Screw-HH 3/8-16 X 3-1/4
54	323-12	1	Screw-HH 3/8-16 X 2 1/2
55	323-9	1	Screw-HH 3/8-16 X 1 3/4
56	3256-24	2	Washer-3/8 Sae
57	103-4244	1	Belt

● Not serviced separately



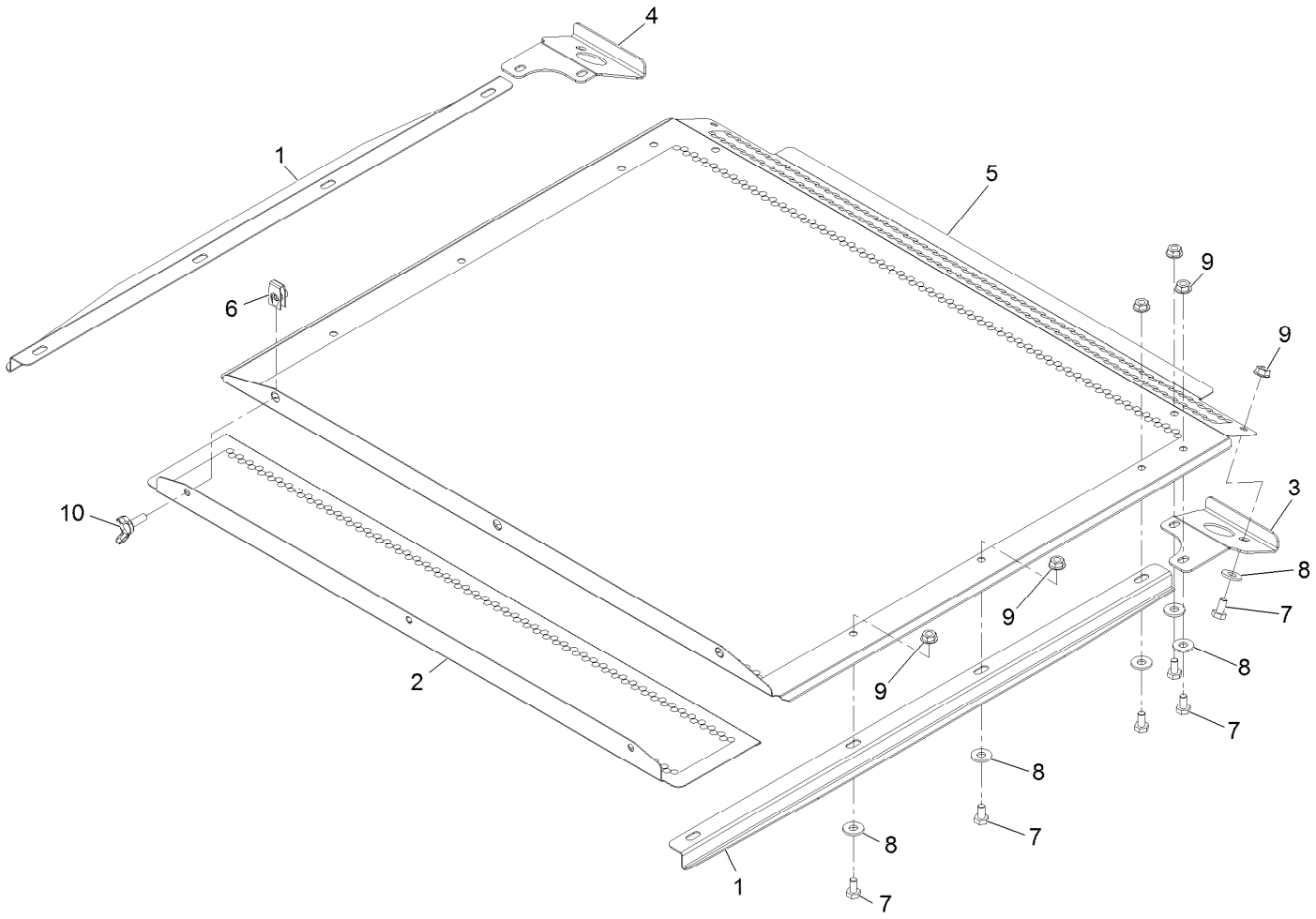
Hopper Assembly

Ref.	Part Number	Qty.	Description
1	103-9457	1	Asm, Hopper
2	103-9456	1	Asm, Door Hopper
3	109-4086	1	Asm, Hopper Frame
4	103-9466	1	Asm, Fill Sensor
5	1-633068	2	Arm-Lift, Deck
6	103-5426	2	Stud, Ball 13Mm
7	323-6	2	Screw-HH
8	3256-24	6	Washer-Flat
9	3296-39	4	Nut-Lock, NI
10	1-513762	3	Clip-Loom
11	33005-00	2	Nut-HF
12	614672	2	Bolt-Shoulder
13	109-0716	1	Kit, Damper W/Clips
13:1	103-8325	2	Clip, Retainer-13Mm
13:2	103-5425	1	Shock, Gas Compression
14	1-303435	3	Washer-Spring
15	109-3648	1	Wld, Switch Mount
16	103-6067-03	1	Bracket, Motor (LH)
17	103-6068-03	1	Bracket, Motor (RH)
18	103-7085-03	1	Plate, Switch
19	321-2	7	Screw-HH
20	329-4	3	Screw-HH
21	3250-48	2	Screw-PPH
22	3296-2	2	Nut-Lock, NI
23	32105-32	8	Screw-TTH
24	32128-33	17	Nut-HF
25	109-3853	1	Motor
26	103-6022-03	1	Channel, Hopper Frame
27	103-6025	1	Shield, Trailing
28	3229-4	6	Screw-CARR
29	3296-42	6	Nut-Lock, NI



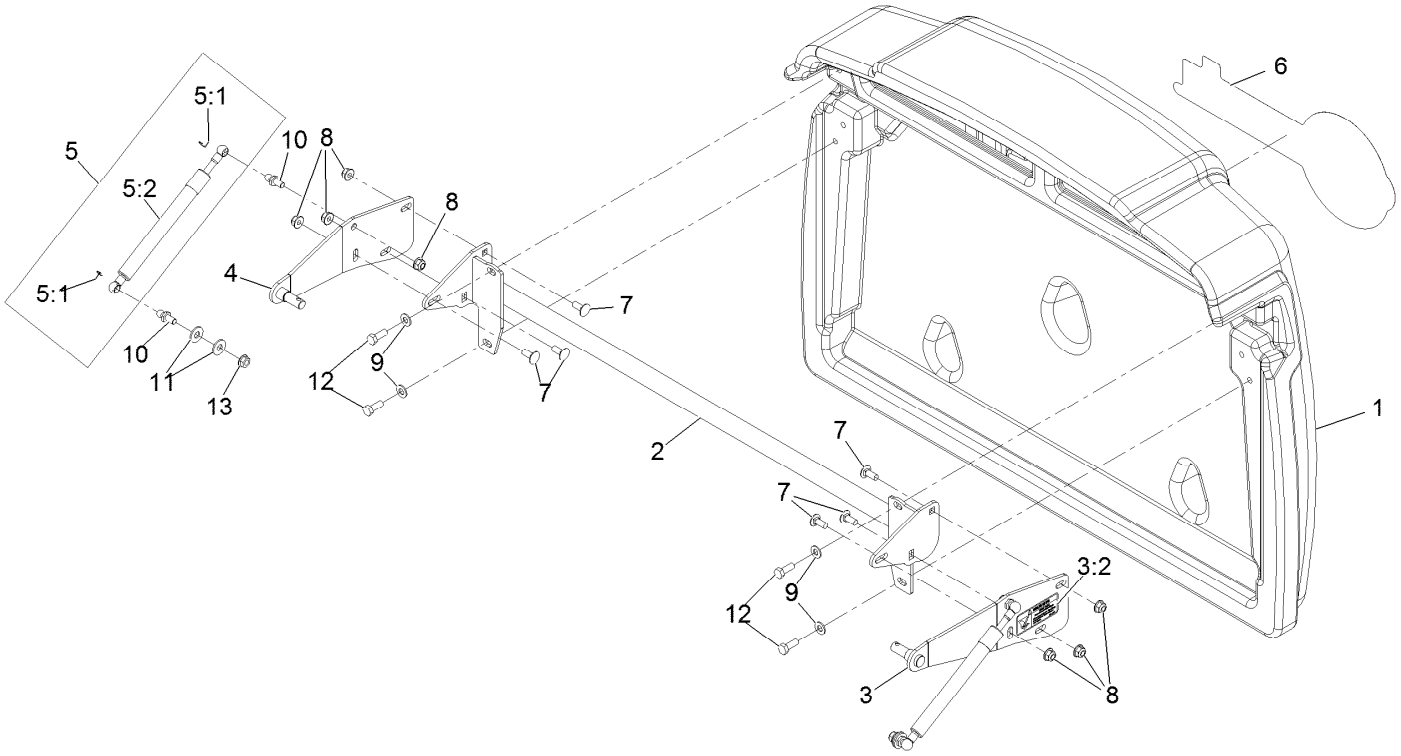
Hopper Assembly No. 103-9457

Ref.	Part Number	Qty.	Description
2	103-5736-03	1	Channel, Screen (RH)
3	103-5045-03	2	Brace, Side
4	103-5751-03	1	Panel, Hinge (RH)
5	103-5749-03	1	Panel, Hinge (LH)
6	103-5774-03	1	Channel, Screen (LH)
7	103-5772-03	1	Brace, Top
8	103-7035-03	1	Channel, Screen Front
9	109-3650-03	1	Wld, Diffuser
10	109-0717	1	Asm, Hopper Screen
11	103-8680	1	Deflector, Discharge Chute
12	109-4019	2	Guard, Damper
13	1-543296	1	Grommet
14	32128-33	33	Nut-Whizlock 1/4-20
15	321-2	4	Screw-HH 1/4-20 X 1/2
16	321-4	5	Screw-HH 1/4-20 X 3/4
17	3296-42	5	Nut-Nyloc 1/4-20
18	3256-2	5	Washer-1/4 Std
19	1-613235	2	Washer
20	3296-2	2	Nut-Nyloc #10-24
21	32122-30	2	Screw-Truss HD #10-24 X 1/2
22	107069	2	Nut-Retainer-Panel 1/4-20
23	3229-2	4	Bolt-Carriage 1/4-20 X 1
24	32105-32	27	Screw-Truss HD 1/4-20 X 1
25	103-8800	1	Harness, Hopper Wire
26	1-513762	2	Clip-Loom 1/2
27	103-0205	1	Alarm-Tone, Dual



Hopper Screen Assembly No. 109-0717

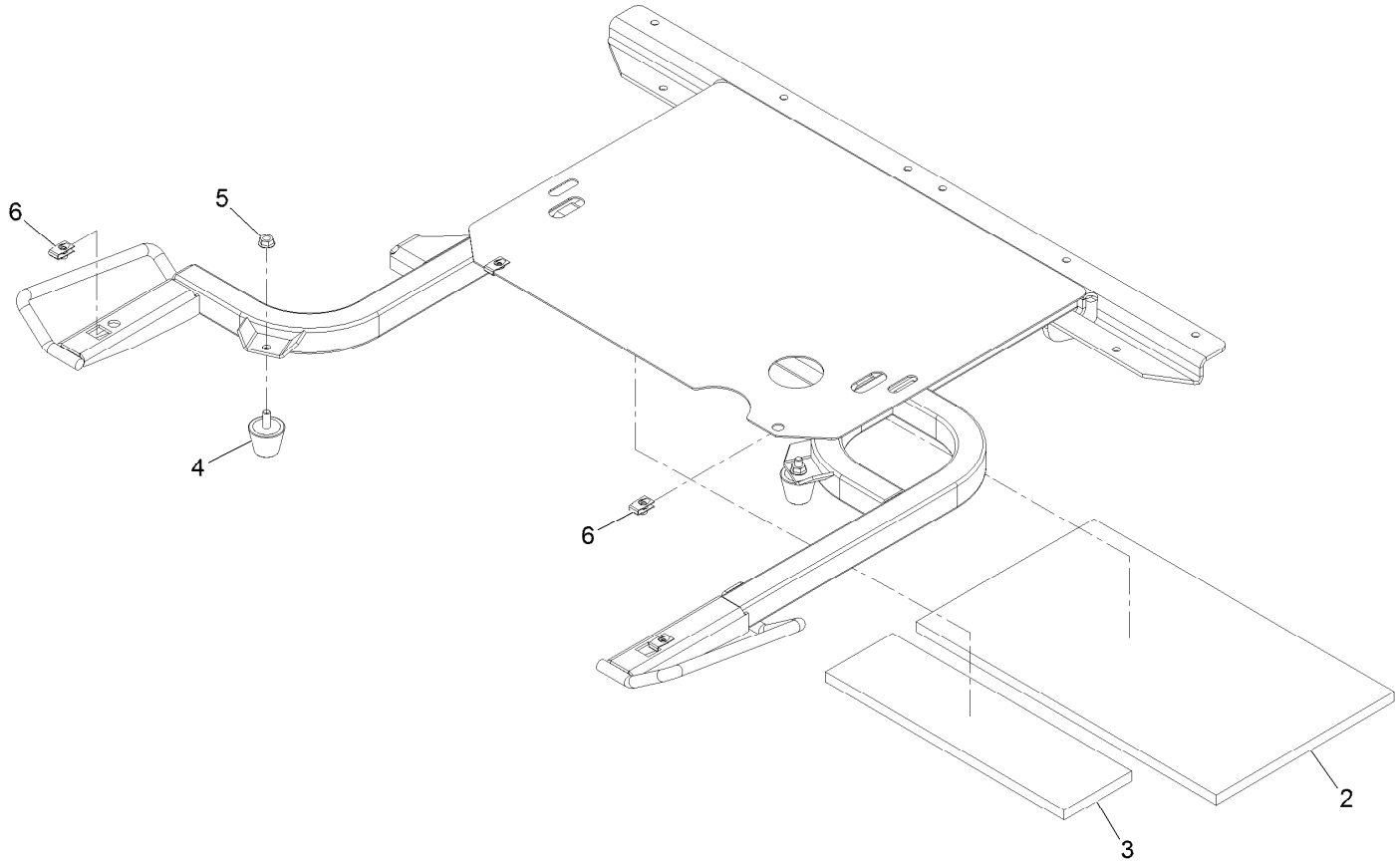
Ref.	*Part Number*	*Qty.*	*Description*
1	103-8203-03	2	Guide, Screen
2	103-7048-03	1	Panel, Screen Extend
3	103-7098-03	1	Handle, Screen (LH)
4	103-7099-03	1	Handle, Screen (RH)
5	103-5745-03	1	Panel, Hopper Screen
6	107069	3	Nut-Retainer-Panel 1/4-20
7	321-2	12	Screw-HH 1/4-20 X 1/2
8	3256-2	12	Washer-1/4 Std
9	32128-33	12	Nut-Whizlock 1/4-20
10	109-1063	3	Screw-Wing 1/4-20 X 3/4



Hopper Door Assembly No. 103-9456

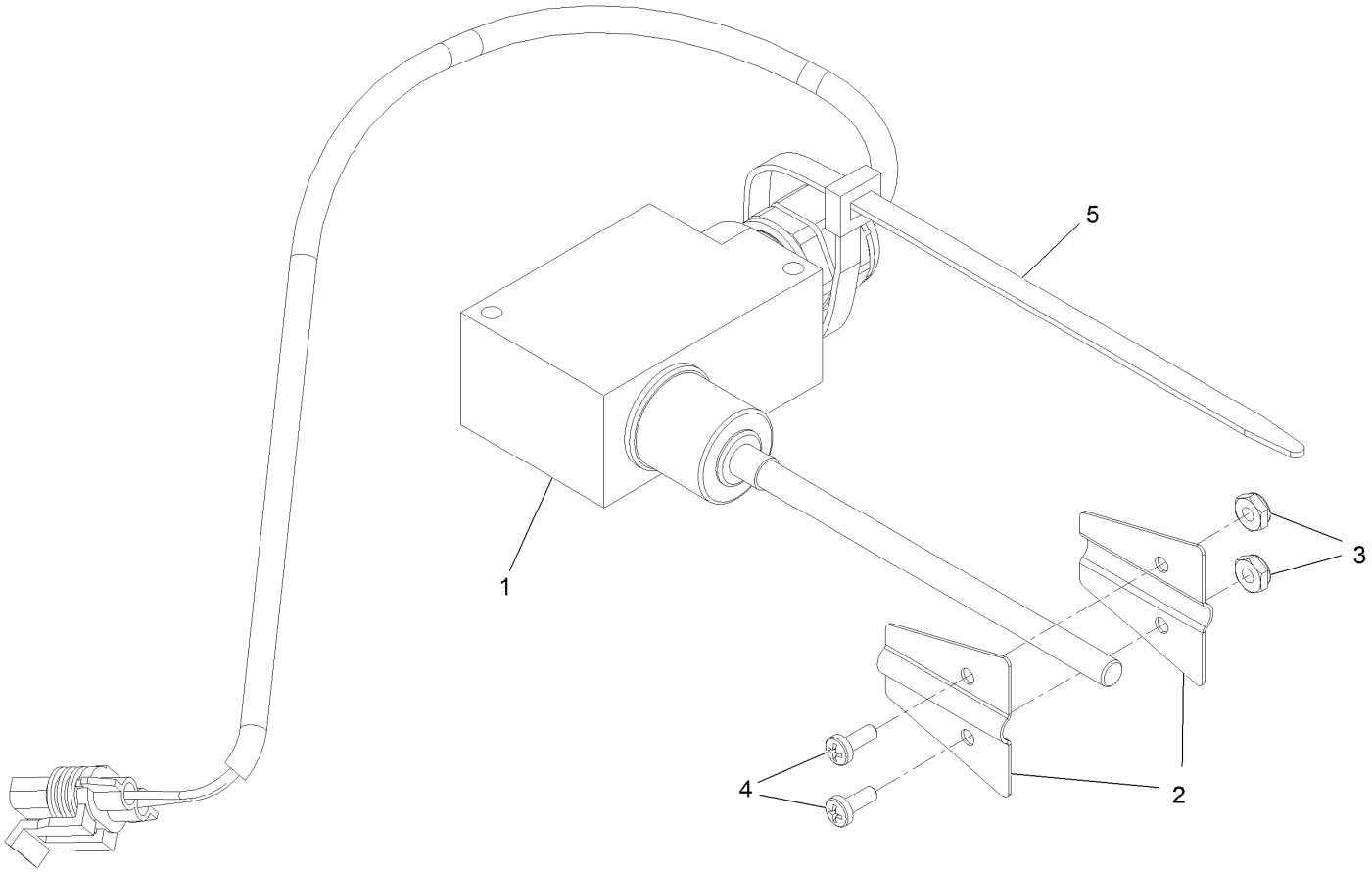
Ref.	*Part Number*	*Qty.*	*Description*
1	109-3955	1	Door, 9.5 Bushel Hopper
2	109-4153-03	1	Wld, Door Support
3	109-4253	1	Asm, Door Pivot W/Decal (LH)
3:2	103-8444	1	Decal, Pinch Point
4	109-4254	1	Wld, Door Pivot W/Decal (RH)
5	109-0715	2	Kit, Damper W/Clips
5:1	103-8324	2	Clip-Retainer-10Mm
5:2	103-5746	1	Shock, Gas Tension

Ref.	*Part Number*	*Qty.*	*Description*
6	103-6024	1	Decal, Exmark Logo
7	3230-23	6	Bolt-Carriage 5/16-18 X 3/4 Short Neck
8	104-8300	8	Nut-Nyloc 5/16-18 Flg
9	3256-23	4	Washer-5/16 Sae
10	103-5752	4	Stud-Ball 10Mm
11	3256-3	4	Washer-5/16 Std
12	322-4	4	Screw-HH 5/16-18 X 7/8
13	32128-20	2	Nut-Whizlock 5/16-18



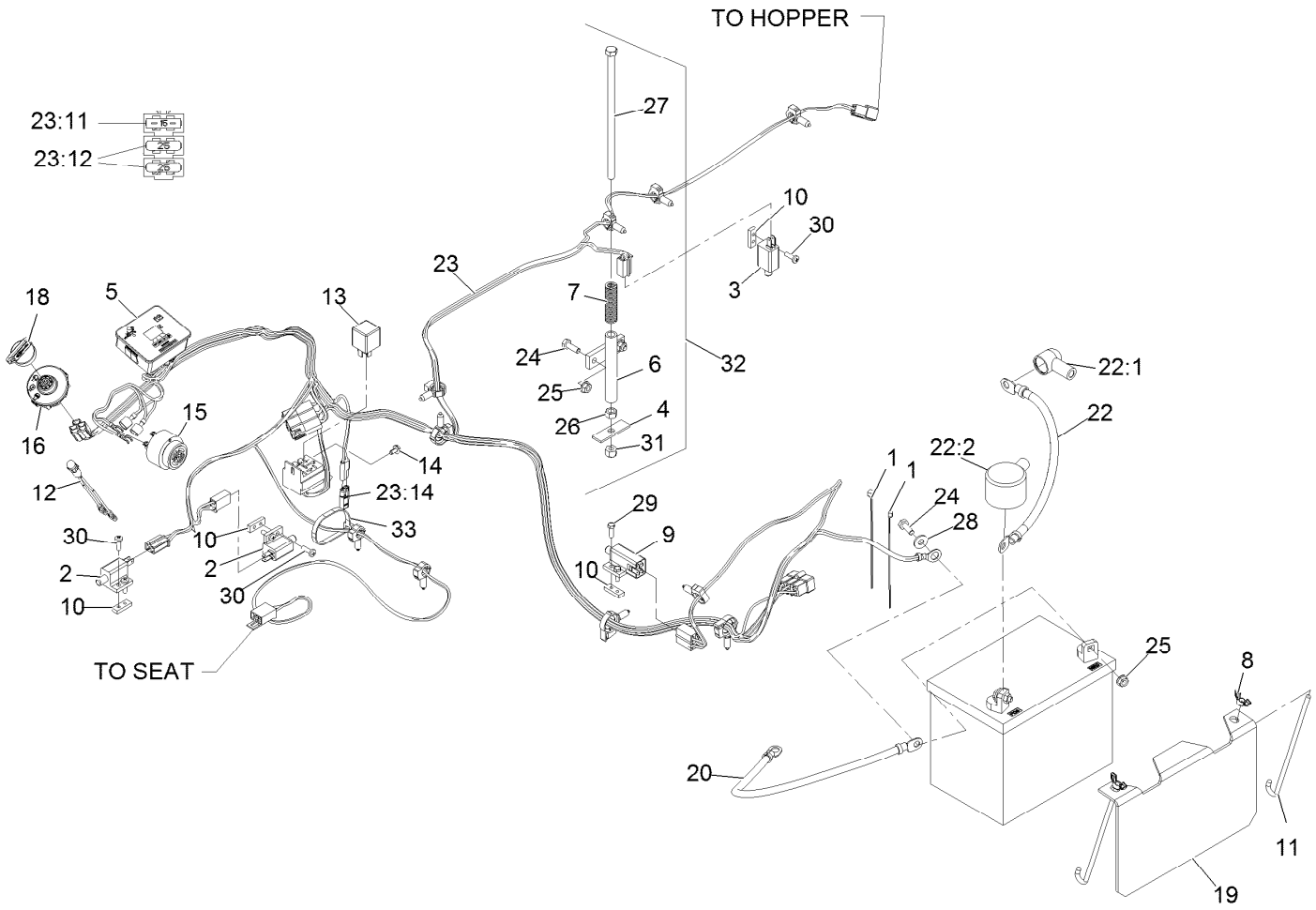
Hopper Frame Assembly No. 109-4086

Ref.	*Part Number*	*Qty.*	*Description*
2	103-7824	1	Insulation, Foam Pad Rear
3	103-7825	1	Insulation, Foam Pad Front
4	1-543963	2	Bumper, Rubber
5	32128-20	2	Nut-Whizlock 5/16-18
6	107069	4	Nut-Retainer-Panel 1/4-20



Fill Sensor Assembly No. 103-9466

Ref.	*Part Number*	*Qty.*	*Description*
1	109-3854	1	Kit, Fill Sensor Wire
2	103-8789	2	Flag, Fill Sensor
3	3296-9	2	Nut-Nyloc #6-32 Thin
4	9107622	2	Screw-PPH #6-32 X 5/8
5	1-303335	1	Tie-Cable 7 15/16 (Large)



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	1-303287	2	Tie-Cable 5 1/2 (Small)
2	1-513051	2	Switch-N.O.
3	1-513152	1	Switch-N.C.
4	1-513180	1	Plate-Switch, Seat
5	116-8812	1	Navigator Hour Meter ASM
6	1-522424-03	1	Mount-Spring, Seat
7	1-523415	1	Spring
8	1-543792	2	Wingnut-Nyloc 1/4-20
9	1-633111	1	Switch
10	1-633181	4	Plate-Tapped
11	1-633651	2	Bolt-Holddown
12	1-643267	1	Indicator-Red Led
13	1-643275	1	Relay-12Vdc 40 Amp
14	104-2065	1	Screw-HWH #10-24 X 3/8
15	103-0205	1	Alarm-Dual Tone 12Vdc
16	117-2221	1	Switch-Ignition
18	103-2106	1	Key-Exmark Logo
19	103-4161-03	1	Hold Down, Battery
20	103-8355	1	Cable-Ground(-)

Ref.	Part Number	Qty.	Description
22	116-4730	1	Cable-Battery Positive
22:1	1-543393	1	Insulator-Solenoid
22:2	109-2407	1	Insulator-Battery
23	116-9114	1	Harness-Wiring Navigator ●
23:11	109355	1	Fuse-Blade, 15 Amp
23:12	109102	2	Fuse-Blade, 25 Amp
23:14	116-0053	1	Cap-Plug
24	321-4	4	Screw-HH 1/4-20 X 3/4
25	32128-33	4	Nut-Whizlock 1/4-20
26	3217-6	1	Nut-Hex 5/16-18
27	322-50	1	Screw-HH 5/16-18 X 7 1/2
28	3256-2	2	Washer-1/4 Std
29	3290-134	2	Screw-HH Machine 10-24 X 5/8
30	3290-500	6	Screw-PPH #10-24 X 5/8
31	3296-29	1	Nut-Nyloc 5/16-18
32	103-8528	1	Asm, Hopper Switch Actuator
33	1-303335	1	Tie-Cable 7 15/16 (Large)

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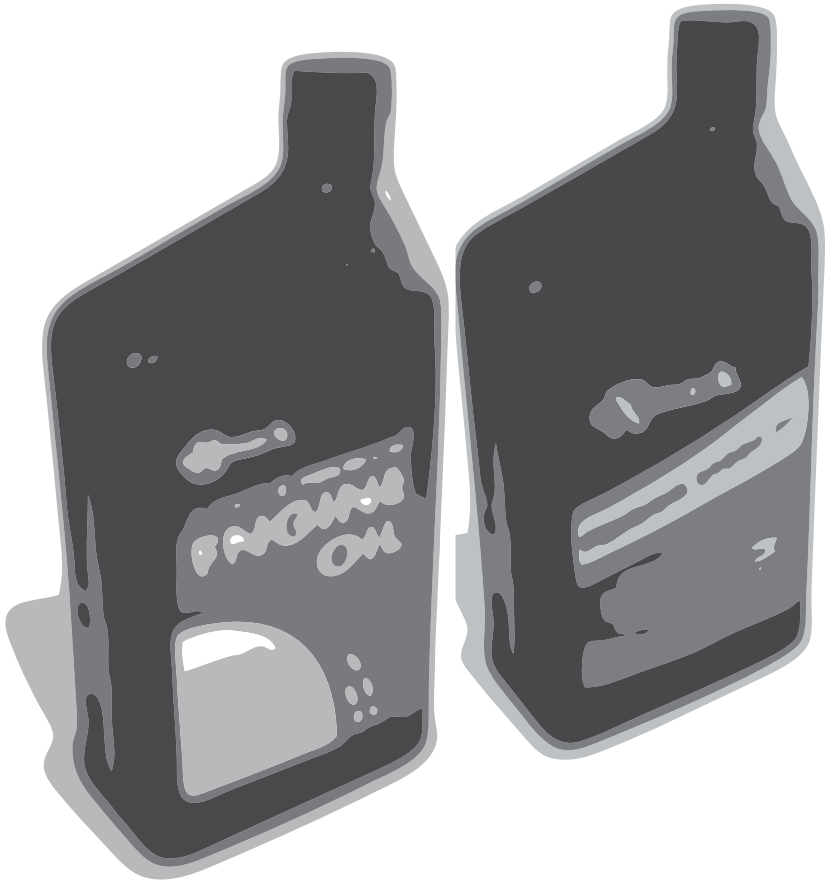
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