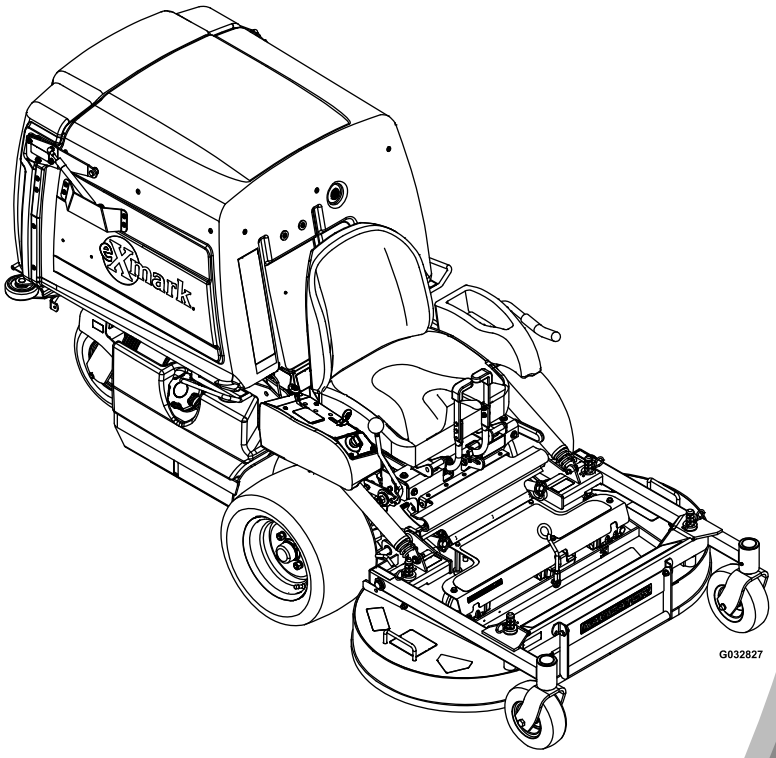
Parts Manual

NAVIGATOR®

Model No. NVS640CKC42000—Serial No. 316000000 and Up

Picture below may not reflect actual product.



Part No. 4502-726 Rev. A

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

HP: high pressure

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: low pressure

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).

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Industrial Park Box 808
Beatrice, NE 68310

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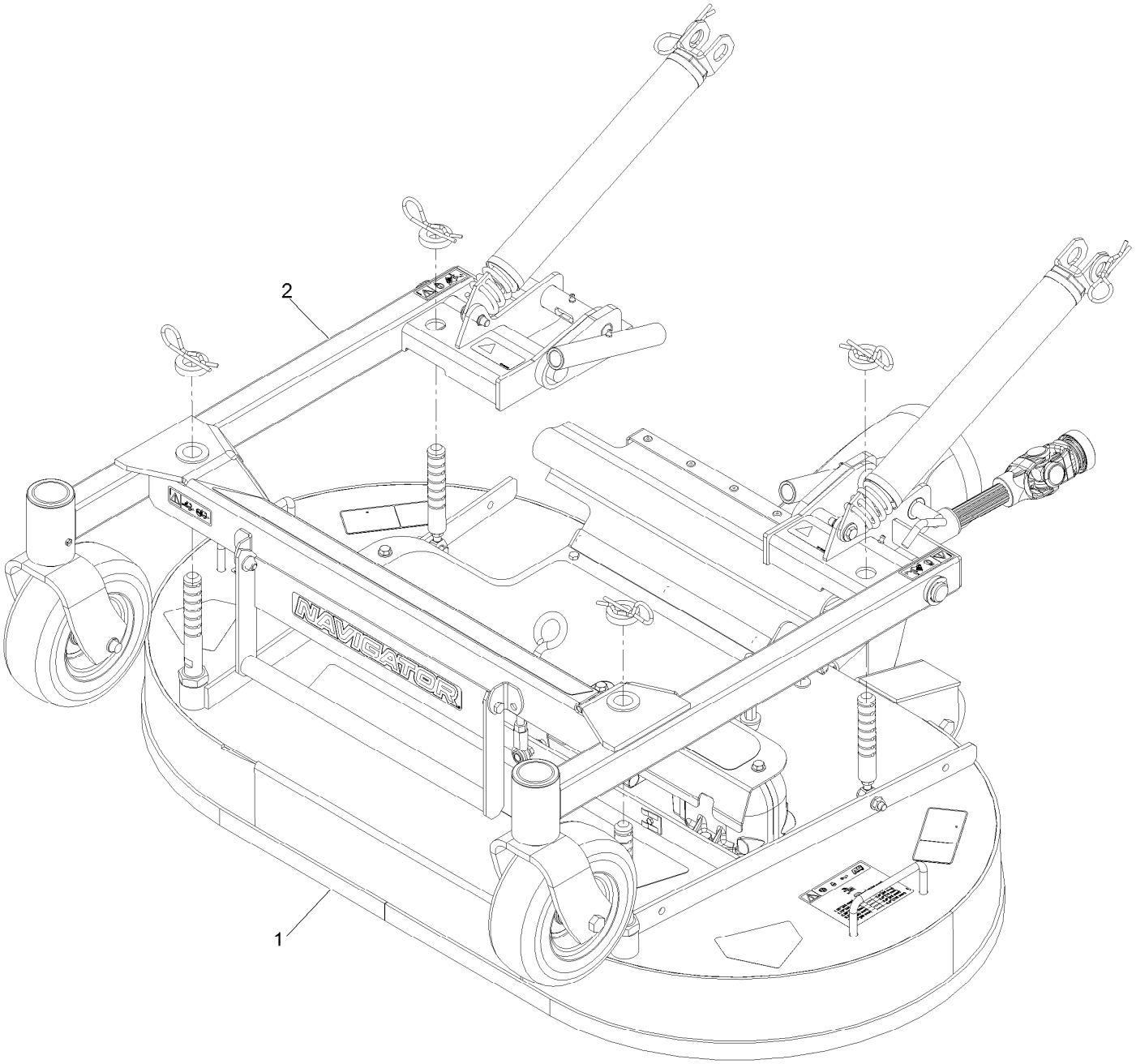


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

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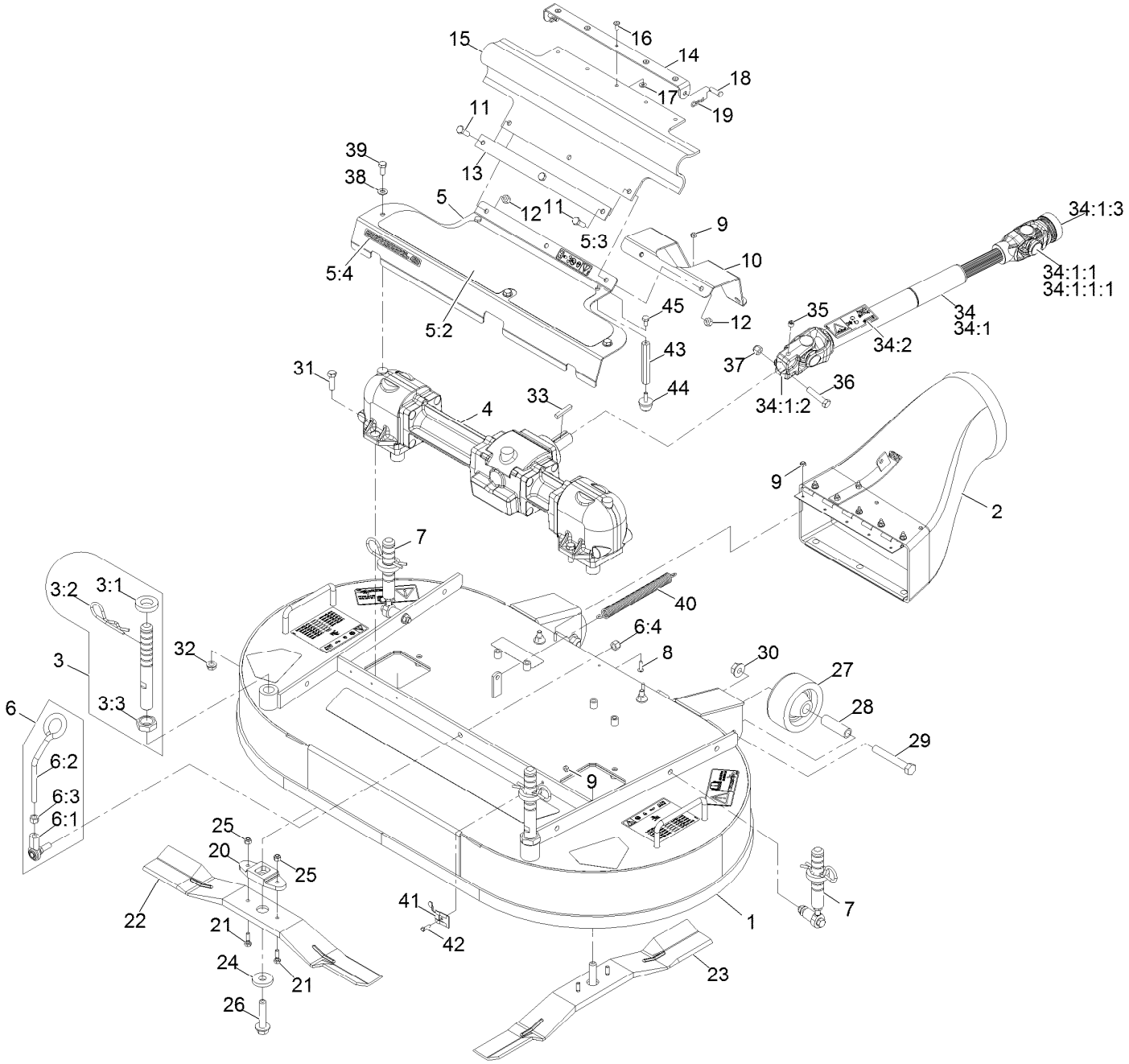
Complete Deck and Support Frame Assembly



Complete Deck and Support Frame Assembly (continued)

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

Deck Assembly

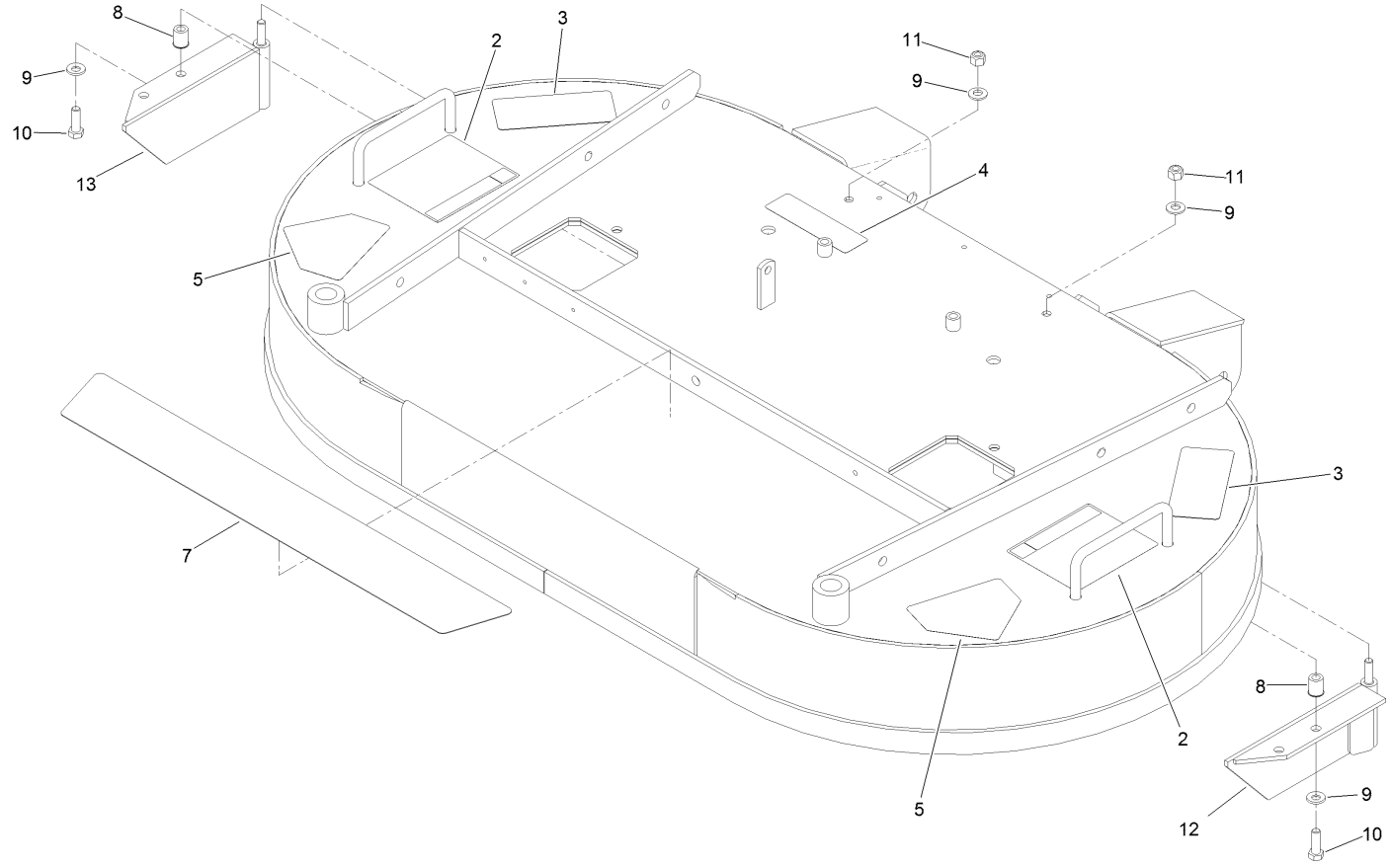


Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	109-4373	1	Deck ASM
2	103-9487	1	Discharge Tube ASM
3	109-0321	2	Front Deck Height Adjust ASM
3:1	1-413425	1	Spacer-Deck Support
3:2	103-7353	1	Pin-Cut Height
3:3	103-8496	1	Nut-Jam 7/8-9
4	103-3460	1	Gearbox ASM
5	103-9497	1	Asm, Gearbox Cover W/Decal (42")
5:2	103-8626	1	Pad-Anti Skid
5:3	119-0217	1	Decal-Danger
5:4	126-7280	1	Decal-Commercial 42
6	103-8363	1	Deck Latch ASM
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	Rear Deck Height Adjust ASM
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
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	Strap-Drive, Line Cover
14	103-6183-03	1	Bracket-Guard, PTO
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
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	Drive Shaft ASM
34:1		1	Drive Shaft-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
34:1:3	103-9329	1	Yoke-Quick Disconnect
34:2	116-9049	1	Decal-Danger 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-Extension
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
44	1-523420	2	Bumper
45	321-2	2	Screw-HH 1/4-20 X 1/2

● Not serviced separately

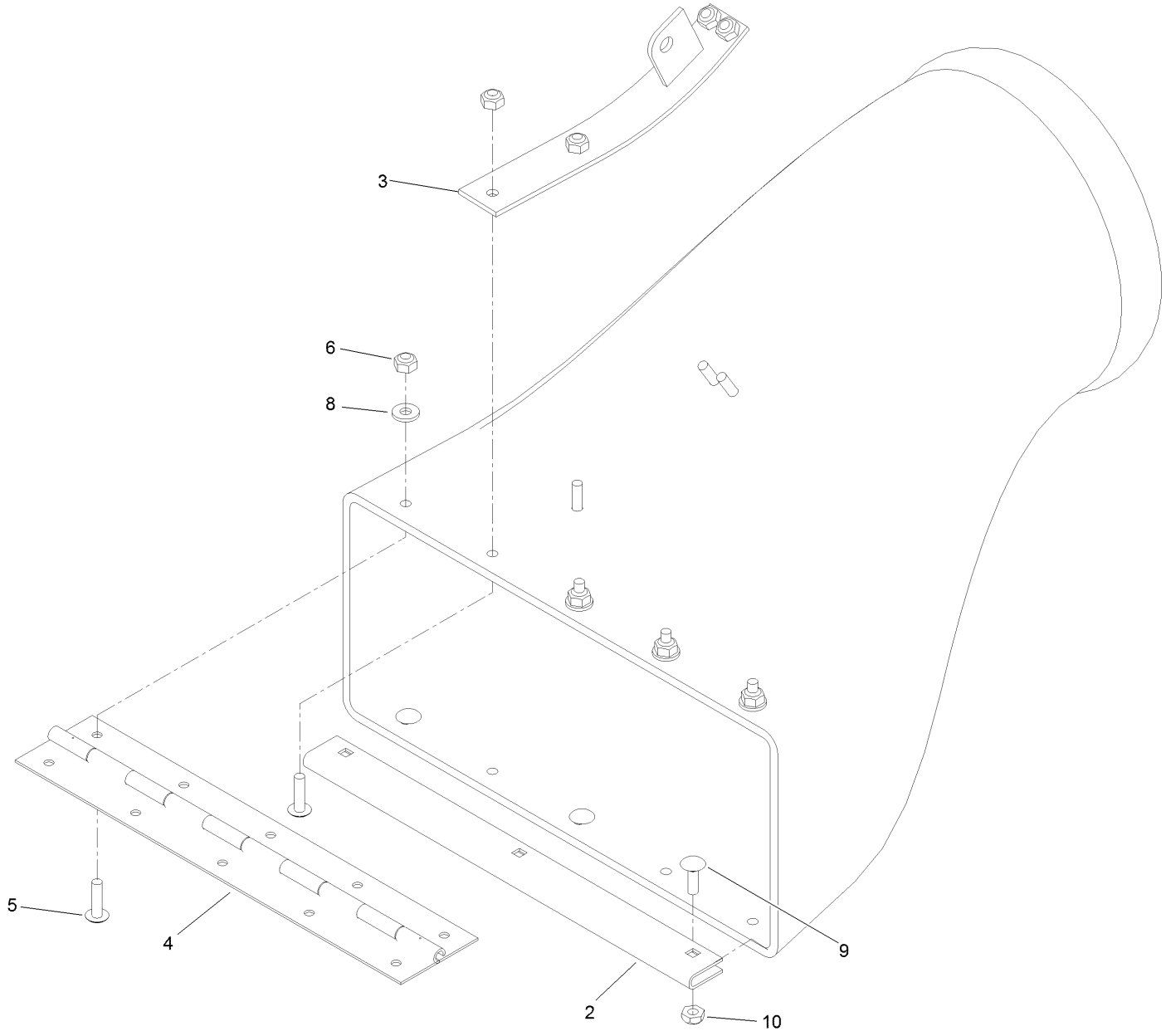
Deck Decal Assembly No. 109-4373



Deck Decal Assembly No. 109-4373 (continued)

Ref.	Part Number	Qty.	Description
2	116-8934	2	Decal-Cutting Height Adj
3	93-7818	2	Decal-Torque, Blade Bolt
4	112-9028	1	Decal-Missing, Cover
5	112-8760	2	Decal-Danger
7	103-8667	1	Pad-Anti Skid
8	32148-7	4	Nut-Insert
9	1-303334	4	Washer-Spring
10	322-5	2	Screw-HH
11	3296-29	2	Nut-Lock, NI
12	109-4053-01	1	Baffle-LH
13	109-4054-01	1	Baffle-RH

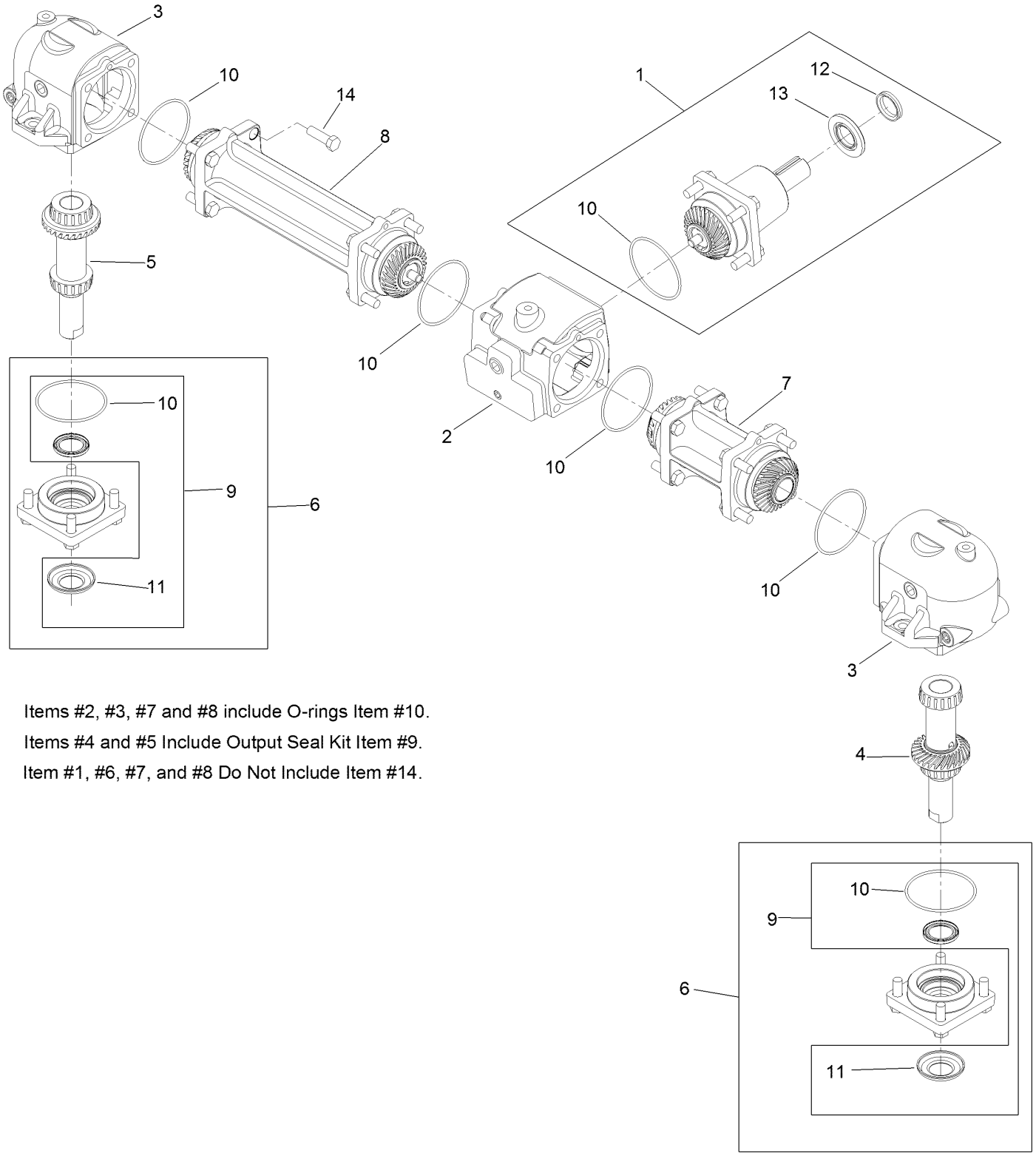
Discharge Tube Assembly No. 103-9487



Discharge Tube Assembly No. 103-9487 (continued)

Ref.	Part Number	Qty.	Description
2	109-2228-03	1	Guard-Plenum
3	103-5868-01	1	Mount-Spring
4	103-4974	1	Hinge-Piano
5	1-803075	8	Screw-Head, Truss
6	3296-2	8	Nut-Lock, NI
8	3256-14	4	Washer-Flat
9	1-807533	3	Bolt-CARR
10	3296-12	3	Nut-Lock, NI

Gearbox Assembly No. 103-3460



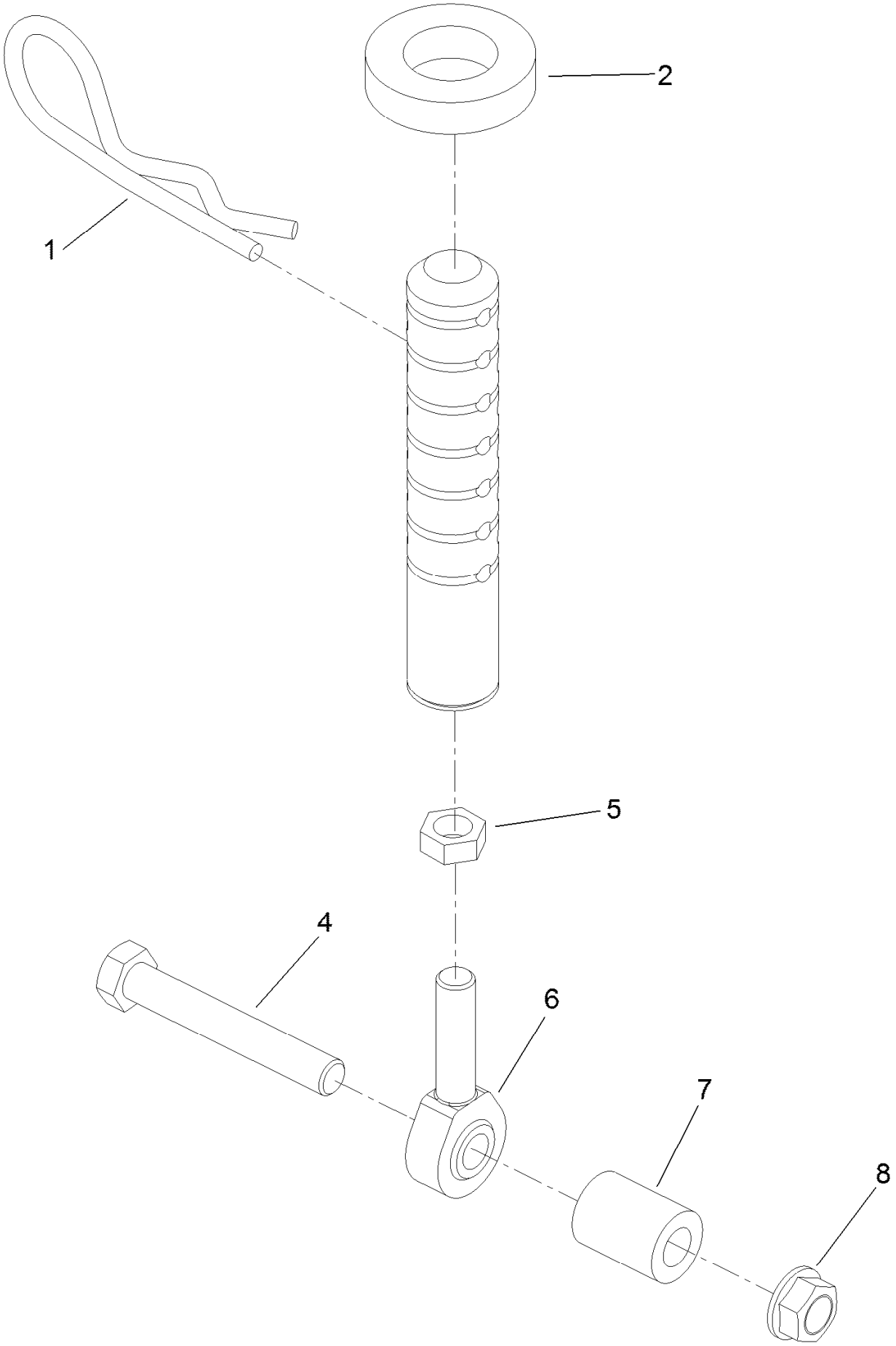
Items #2, #3, #7 and #8 include O-rings Item #10.
Items #4 and #5 Include Output Seal Kit Item #9.
Item #1, #6, #7, and #8 Do Not Include Item #14.

Gearbox Assembly No. 103-3460 (continued)

Ref.	Part Number	Qty.	Description
1	109-0188	1	Input Pinion ASM
2	109-0190	1	Housing-Center
3	109-0191	1	Housing-End
4	109-0192	1	LH Output Shaft And Gear ASM
5	109-0194	1	RH Output Shaft And Gear ASM
6	109-0196	1	Cap-Output
7	109-0197	1	Tube-Connector, Short
8	109-0199	1	Tube-Connector, Long
9	109-0201	1	Output Seal Kit
10	109-0203	1	Seal-O-Ring
11	109-0204	1	Washer-Cupped
12	109-0205	1	Seal-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.

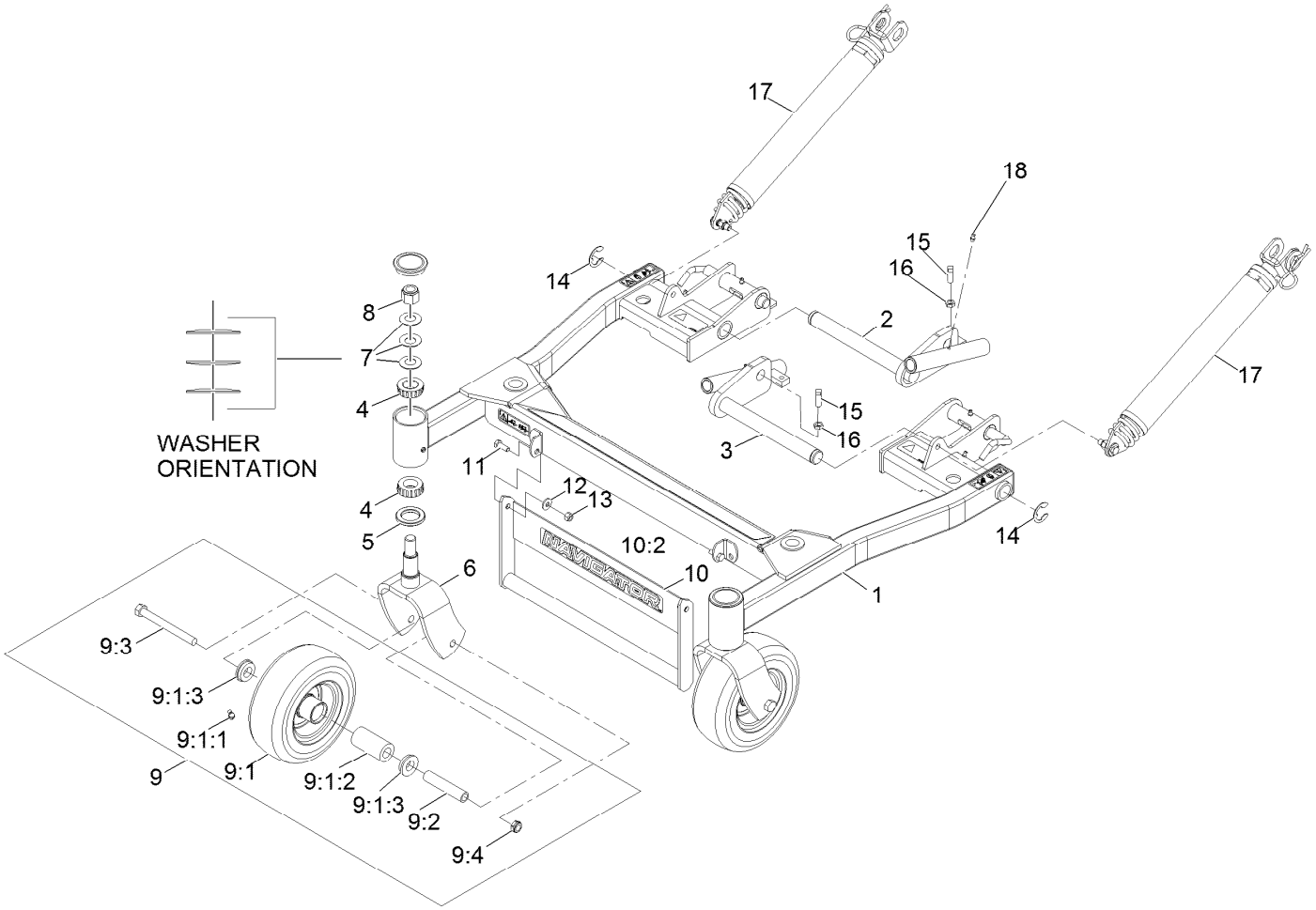
Rear Deck Height Adjustment
Assembly No. 109-0322



Rear Deck Height Adjustment
Assembly No. 109-0322 (continued)

Ref.	Part Number	Qty.	Description
1	103-7353	1	Pin-Cut Height
2	1-413425	1	Spacer-Deck Support
4	323-11	1	Screw-HH
5	3220-3	1	Nut-HJ
6	1-613204	1	Balljoint
7	106-5620	1	Tube-Interlock
8	3290-357	1	Nut-HHF, Whiz

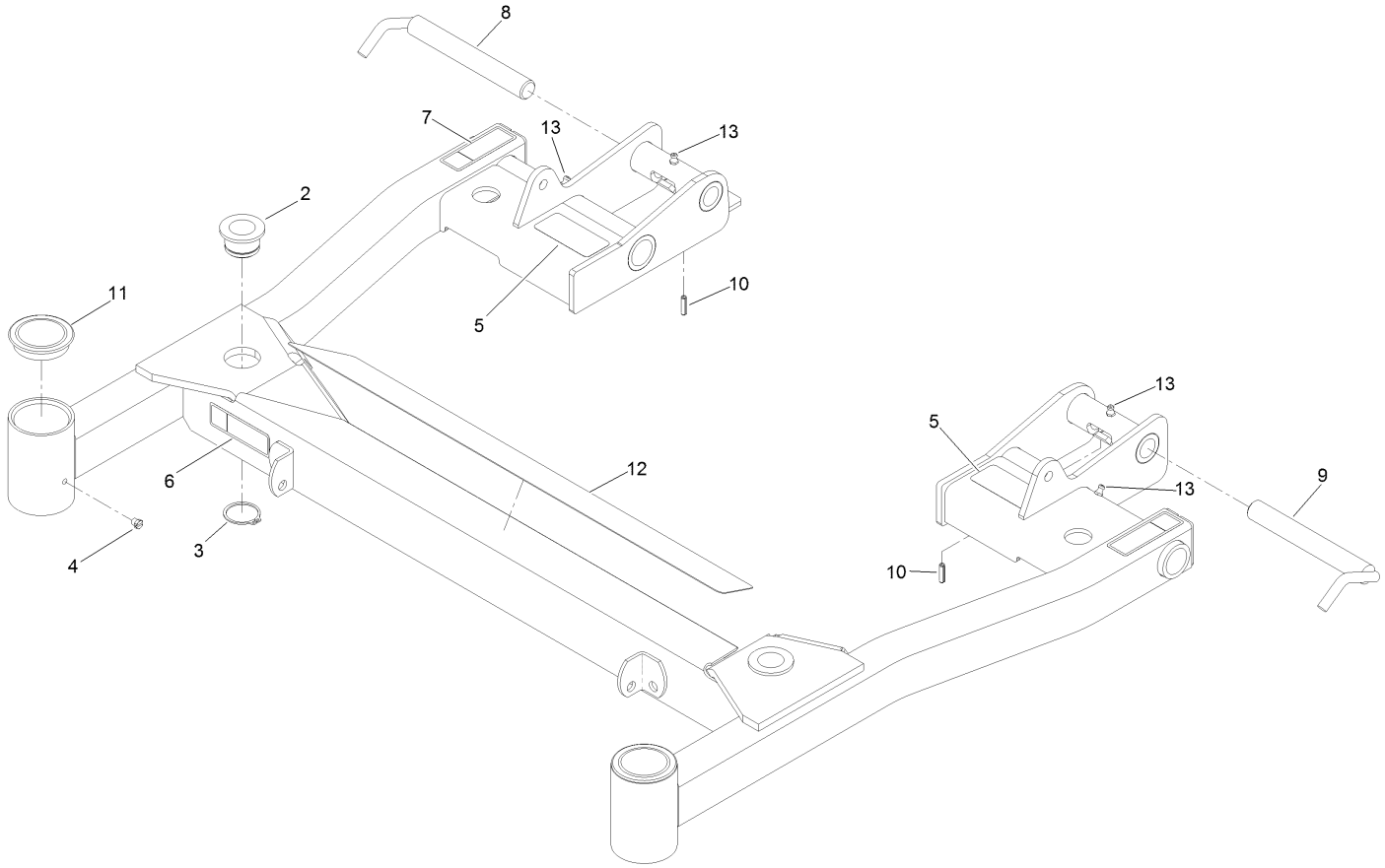
Deck Support Frame Assembly



Deck Support Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	103-9481	1	Deck Support ASM
2	103-3729-01	1	Pivot-Deck, RH
3	103-3732-01	1	Pivot-Deck, LH
4	1-543509	4	Cone-Bearing Tapered Roller
5	1-543511	2	Seal-Grease
6	109-1933-01	2	Fork-Caster
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-Caster, Front
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	126-7199	1	Decal-Navigator Logo
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
18	302-19	2	Zerk-1/4-28 Str

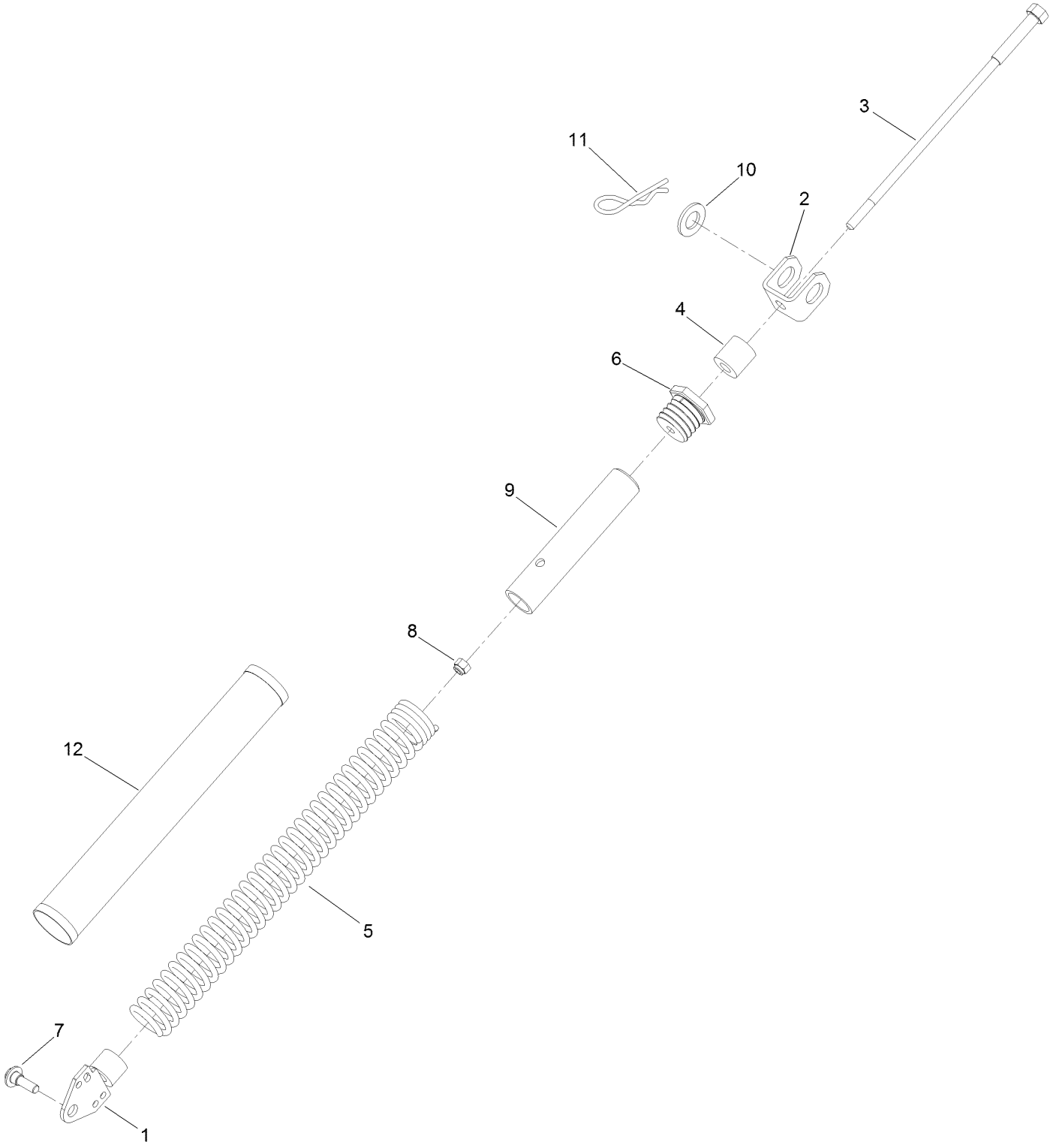
Deck Support W/Decals Assembly No. 103-9481



Deck Support W/Decals Assembly No. 103-9481 (continued)

Ref.	Part Number	Qty.	Description
2	103-7436	2	Bushing-Support, Deck
3	32120-33	2	Ring-Retaining
4	1-811010	2	Plug
5	93-6696	2	Decal-Warning
6	116-8936	1	Decal-Danger
7	116-8935	2	Decal-Warning, Folding Deck
8	103-4119	1	Lock-Deck, RH
9	103-4118	1	Lock-Deck, LH
10	32121-3	2	Pin-Spring
11	103-4882	2	Cap-Grease
12	103-8667	1	Pad-Anti Skid
13	302-19	4	Fitting-Grease

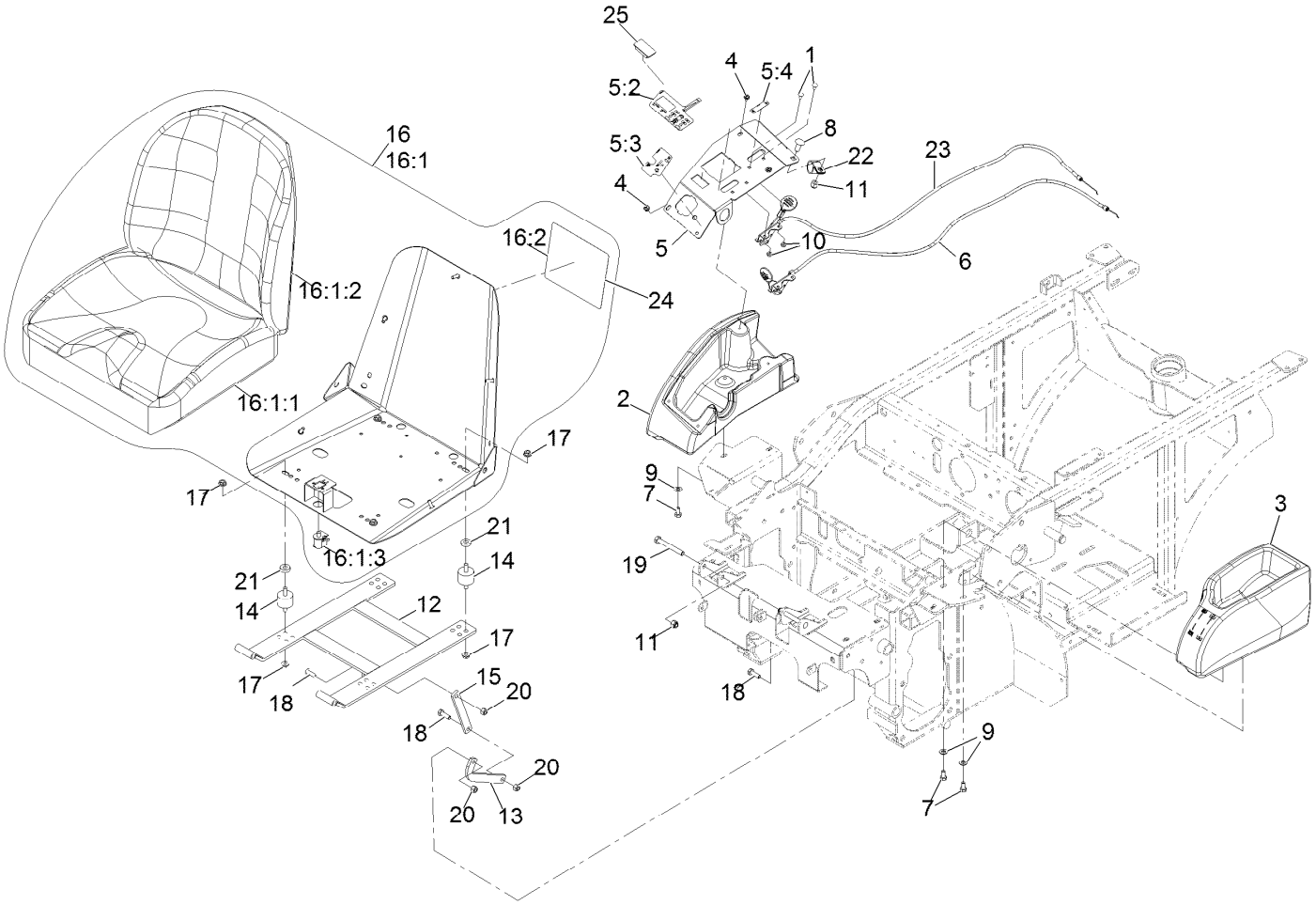
Spring Lift Assist Assembly No. 116-7850



Spring Lift Assist Assembly No. 116-7850 (continued)

Ref.	Part Number	Qty.	Description
1	103-4284	1	Tensioner-Spring
2	103-4285	1	Mount-Lift Assist, Deck
3	103-3773	1	Shaft-Adjustment, Spring
4	109-1978	1	Spacer
5	103-4281	1	Spring-Extension
6	103-3772	1	Plug-Adjuster, Spring
7	614672	1	Bolt-Shoulder
8	3296-39	2	Nut-Lock, NI
9	103-7865	1	Spring-Tube
10	3256-28	1	Washer-Flat
11	103-7353	1	Pin-Cut Height
12	103-7971	1	Cover-Spring, Deck

Seat and Consoles Assembly

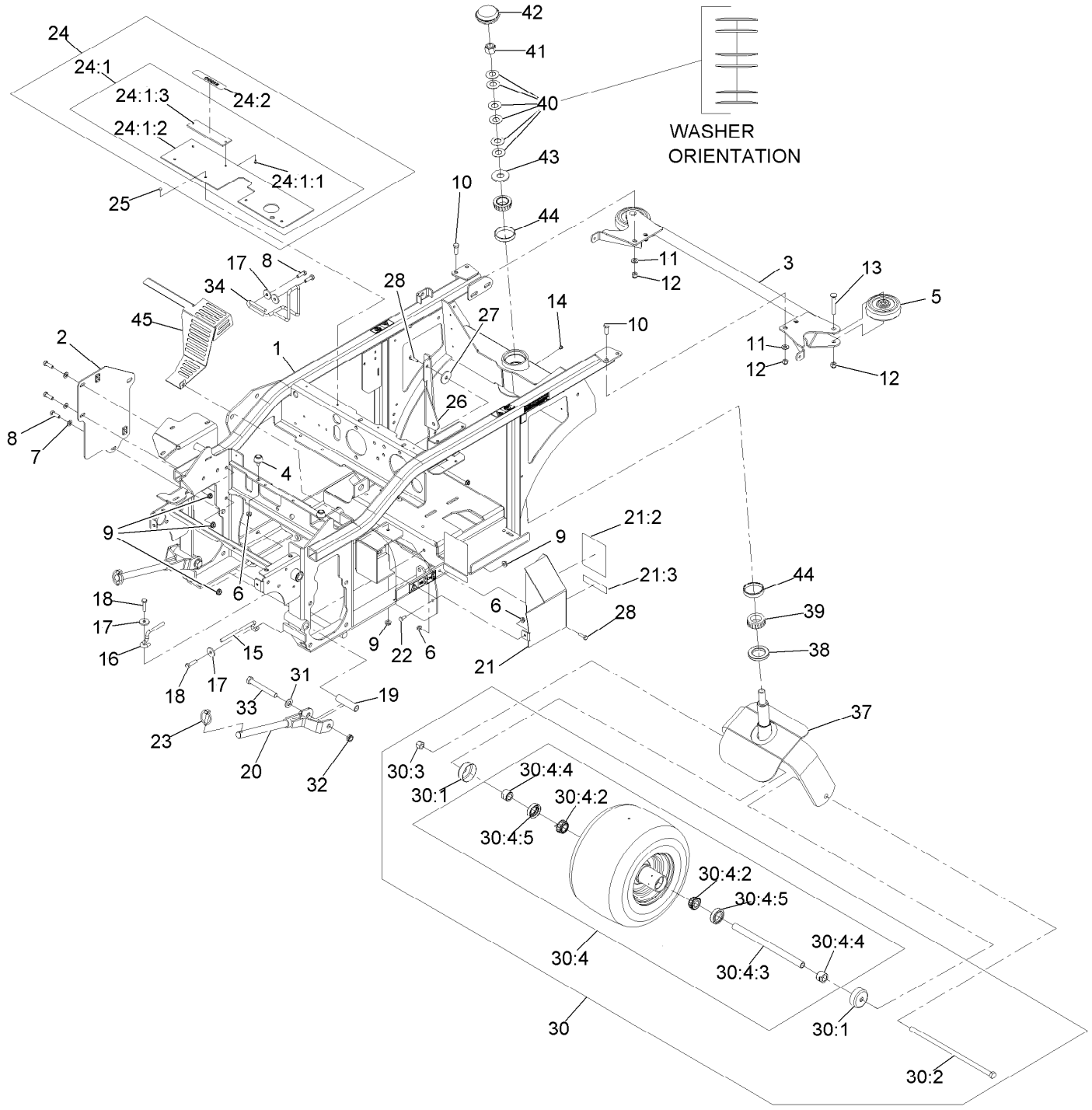


Seat and Consoles Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-807513	4	Bolt-Carriage #10-24 X 1/2
2	116-9430	1	Console-RH
3	126-4342	1	Console, LH Grey
4	109-2661	4	Screw-PPH #10-24 X 1/2
5	116-9374	1	Control Panel ASM
5:2	116-9375	1	Decal-Nav Console 640Kc
5:3	126-7442	1	Decal-Speed Control
5:4	116-9470	1	Decal-Choke
6	109-4641	1	Cable-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	Frame-Seat
13	116-9554	1	Link-Seat Stop
14	103-5496	4	Mount-Vibration, Rubber
15	103-8563	1	Link-Seat
16	116-4849	1	Seat ASM
16:1		1	Seat ASM ●
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
16:2	116-9044	1	Decal-Service Aid
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-Choke
24	116-9044	1	Decal-Service Aid
25	99-7420	1	Plug-Hole

● Not serviced separately

Main Frame Assembly

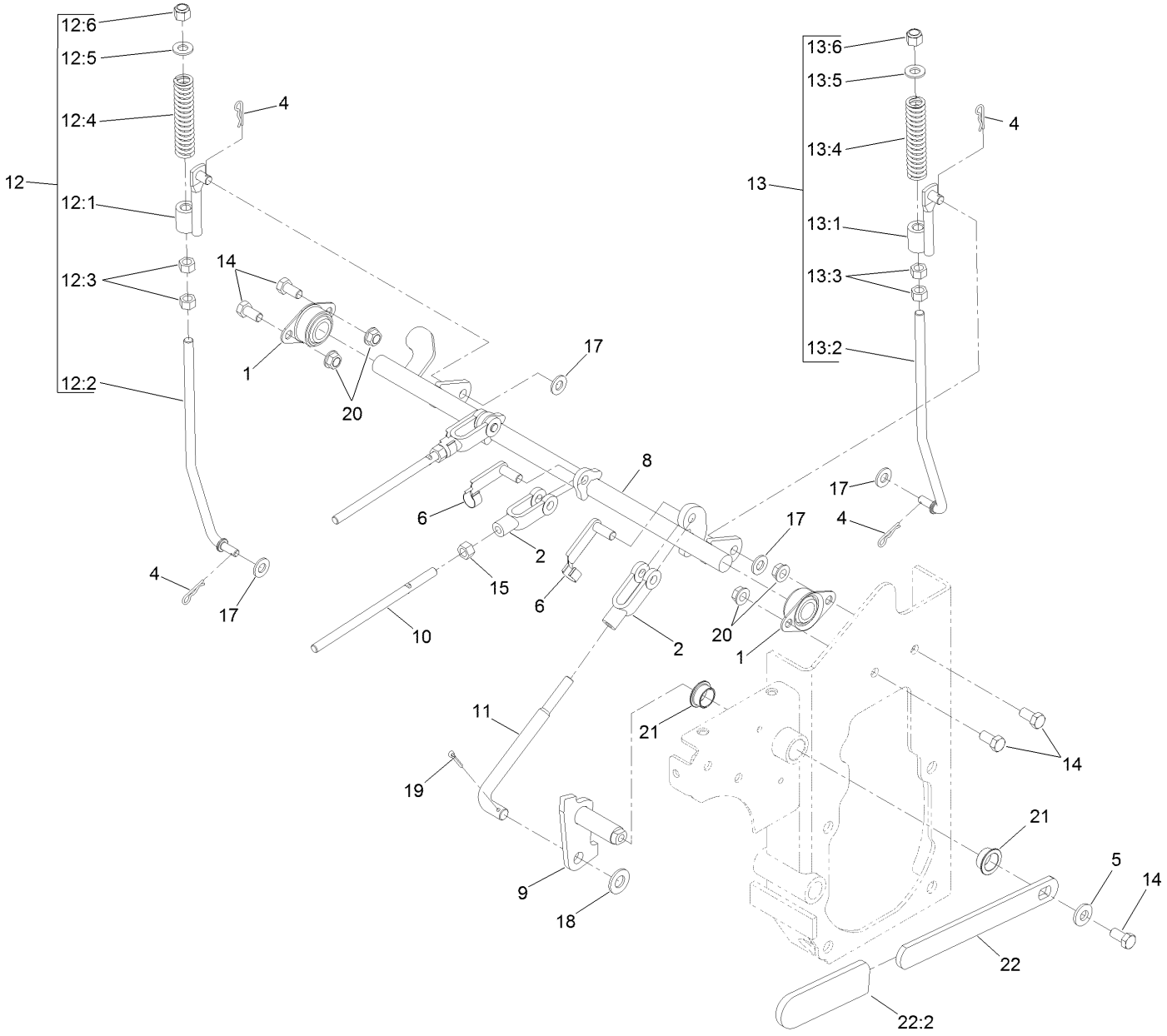


Main Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	116-7482	1	Frame ASM
2	116-7396-03	1	Plate-Support
3	109-0925-03	1	Bumper-Rear
4	109-2365	1	Bumper-Rubber
5	103-5408	2	Roller-Bumper
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
20	103-6596-03	2	Rod-Push
21	130-2879	1	Drive Shield ASM
21:2	116-8941	1	Decal-Belt Routing
21:3	98-1977	1	Decal-Warning
22	321-3	1	Screw-HH 1/4-20 X 5/8
23	103-4155	2	Pin-Lynch
24	103-9476	1	Lift Shield ASM
24:1		1	Shield-Lift ●
24:1:1	1-803035	2	Rivet 3/16 X 1/4
24:1:2	103-8819	1	Flap-Guard
24:1:3	103-9114-03	1	Plate-Decal
24:2	98-1977	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
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
37	103-3351-03	1	Fork-Rear Caster
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.

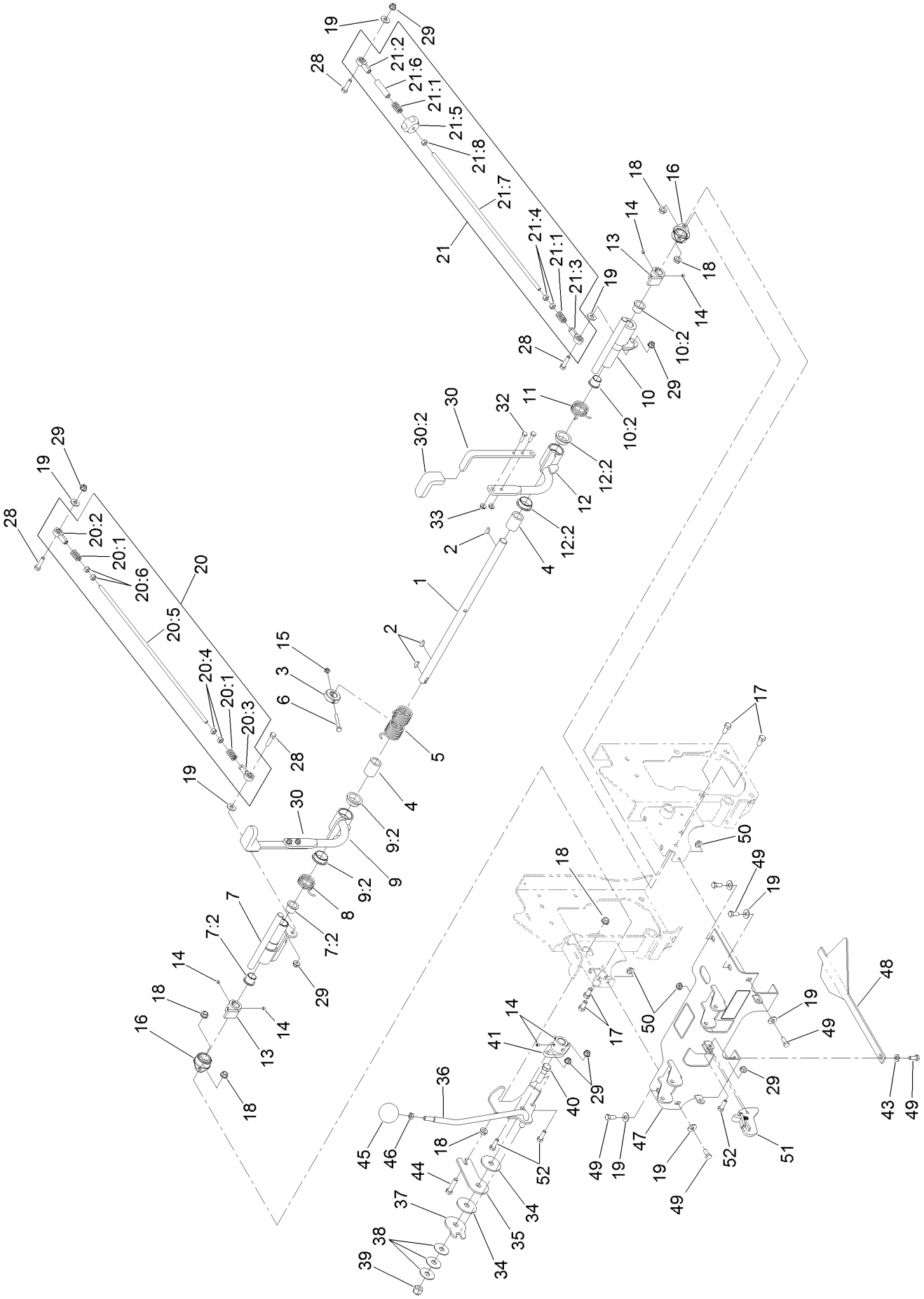
Parking Brake Assembly



Parking Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-633102	2	Bearing-Flange, Side
2	1-633131	3	Yoke-Linkage, Brake
4	1-806003	4	Pin-Cotter
5	98-5975	1	Washer-Belleville
6	103-2399	3	Pin-Spring, Clevis
8	116-7483-03	1	Shaft-Brake
9	116-7486	1	Pivot-Brake
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
12:4	116-8470	1	Spring-Compression
12:5	3256-24	1	Washer-Flat
12:6	3296-6	1	Nut-Lock
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
13:4	116-8470	1	Spring-Compression
13:5	3256-24	1	Washer-Flat
13:6	3296-6	1	Nut-Lock
14	323-4	5	Screw-HH
15	3219-3	2	Nut-Hex
17	3256-24	4	Washer-Flat
18	3256-26	1	Washer-Flat
19	3272-10	1	Pin-Cotter
20	3290-357	4	Nut-HHF, Whiz
21	108519	2	Bushing-Bronze
22	103-9469	1	Park Brake Handle ASM
22:2	1-633268	1	Grip-Lever

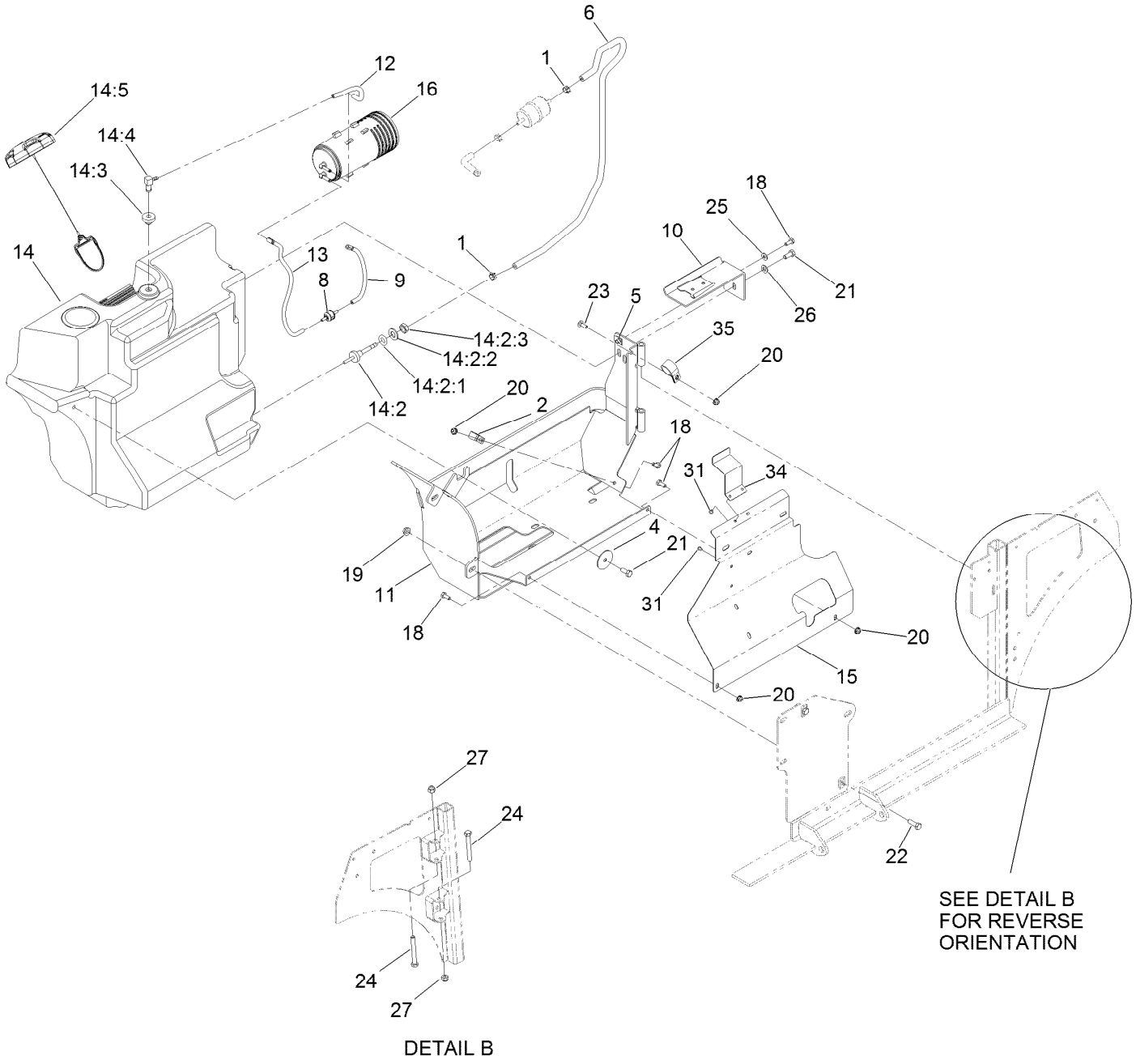
Speed Control Assembly



Speed Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	116-7856	1	Shaft-Speed Control
2	3257-5	3	Key-Woodruff
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
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
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
12:2	116-7422	2	Bearing-Flange, Iglide
13	103-4342	2	Hub-Speed Control
14	108-0989	6	Screw-Set
15	3296-56	1	Nut-Lock, NI
16	1-633102	2	Bearing-Flange, Side
17	323-4	4	Screw-HH
18	3290-357	6	Nut-HHF, Whiz
19	3256-3	9	Washer-Flat
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
29	104-8300	7	Nut-Flange, NI
30	116-9246	2	Handle ASM
30:2	103-5994	1	Grip-Handle, Steering
32	321-5	4	Screw-HH
33	32128-33	4	Nut-HF
34	103-5009	2	Disc-Friction
35	116-7846	1	Plate-Friction, Speed Control
36	116-7845	1	Lever-Speed Control
37	116-7849	1	Plate-Friction, Speed Control
38	103-5018	3	Washer-Spring Disc
39	3296-19	1	Nut-Hex
40	116-7848	1	Screw-HH
41	116-7859	1	Hub-Speed Control
43	3256-23	1	Washer-Flat
44	323-8	1	Screw-HH
45	103-4397	1	Knob-Ball, Speed Control
46	3218-3	1	Nut-Jam
47	116-7384	1	Console ASM
48	103-5993-03	1	Guide-Plenum
49	322-3	6	Screw-HH
50	32128-20	3	Nut-HF
51	103-8494	1	Hook
52	322-5	3	Screw-HH

Fuel Assembly

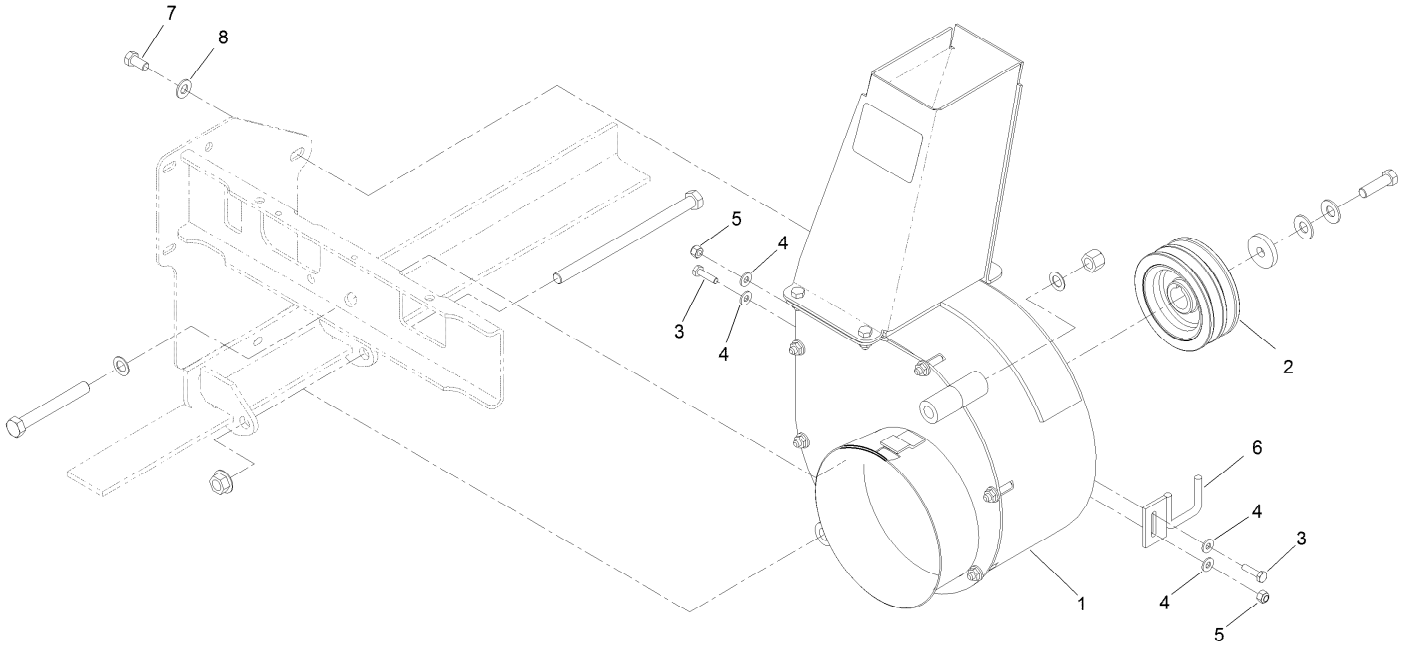


Fuel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	2412-98	2	Clamp-Hose
2	1-513762	1	Clip-Loom
4	1-653036	1	Washer
5	107069	1	Clip
6	109-0284	1	Hose-Fuel
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 ●
14:2:1	103-2784	1	O-Ring
14:2:2	3256-26	1	Washer-Flat
14:2:3	3220-5	1	Nut-Jam
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
19	32128-20	2	Nut-HF
20	104-7201	4	Nut-Flange, NI
21	322-3	2	Screw-HH ●
22	322-5	2	Screw-HH ■
23	3229-1	1	Bolt-CARR
24	323-14	2	Screw-HH
25	3256-22	1	Washer-Flat
26	3256-23	1	Washer-Flat
27	3296-39	2	Nut-Lock, NI
31	1-803035	2	Rivet-Pop
34	116-4037-03	1	Bracket-Shield, Tank
35	110-0824	1	R-Clamp

● 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.

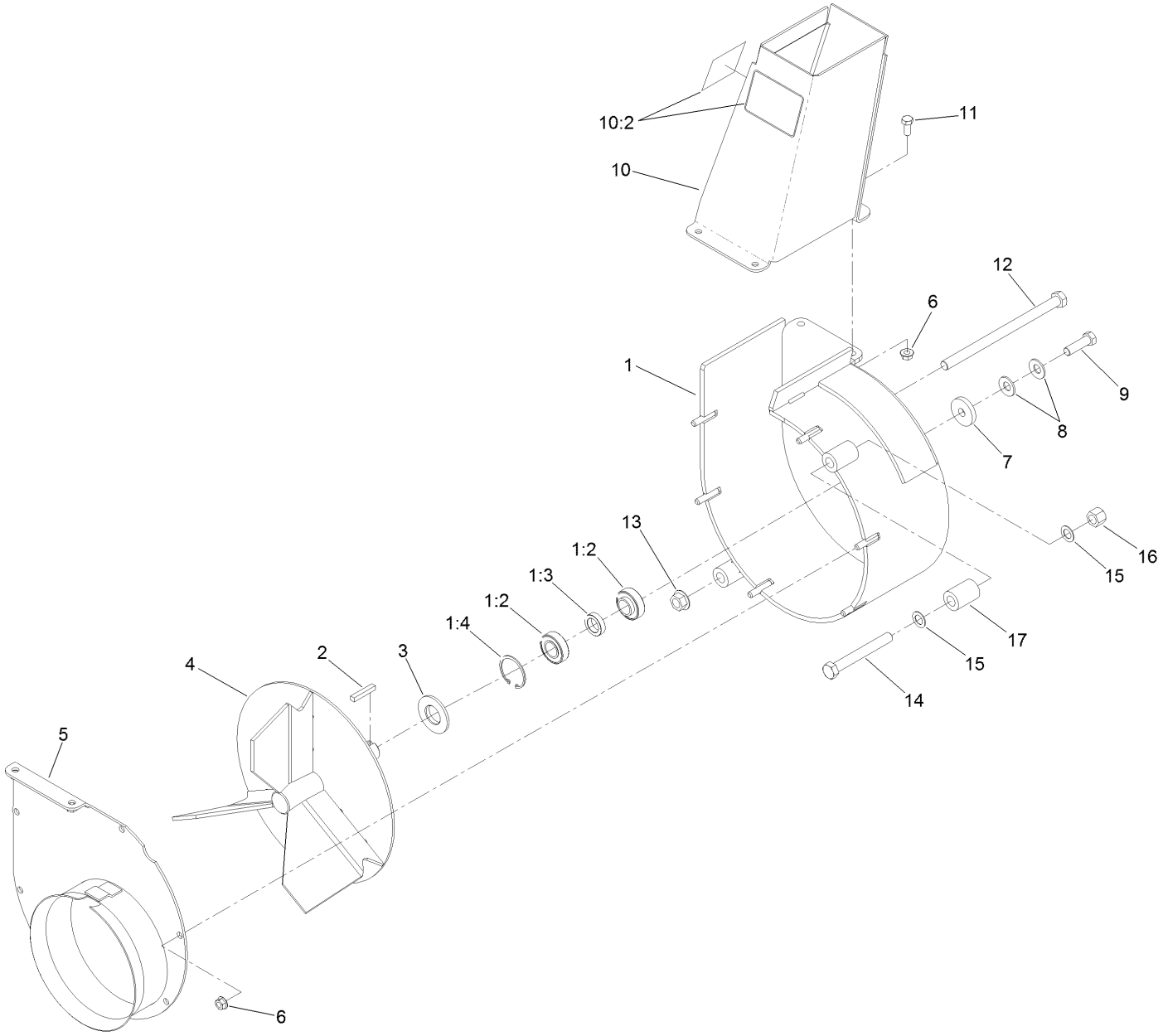
Blower Mounting Assembly



Blower Mounting Assembly (continued)

Ref.	Part Number	Qty.	Description
1	116-9649	1	Blower ASM
2	103-6733	1	Sheave-Blower
3	321-6	2	Screw-HH
4	3256-22	4	Washer-Flat
5	3296-42	2	Nut-Lock, NI
6	103-9167-03	1	Guide
7	323-4	1	Screw-HH
8	3256-24	1	Washer-Flat

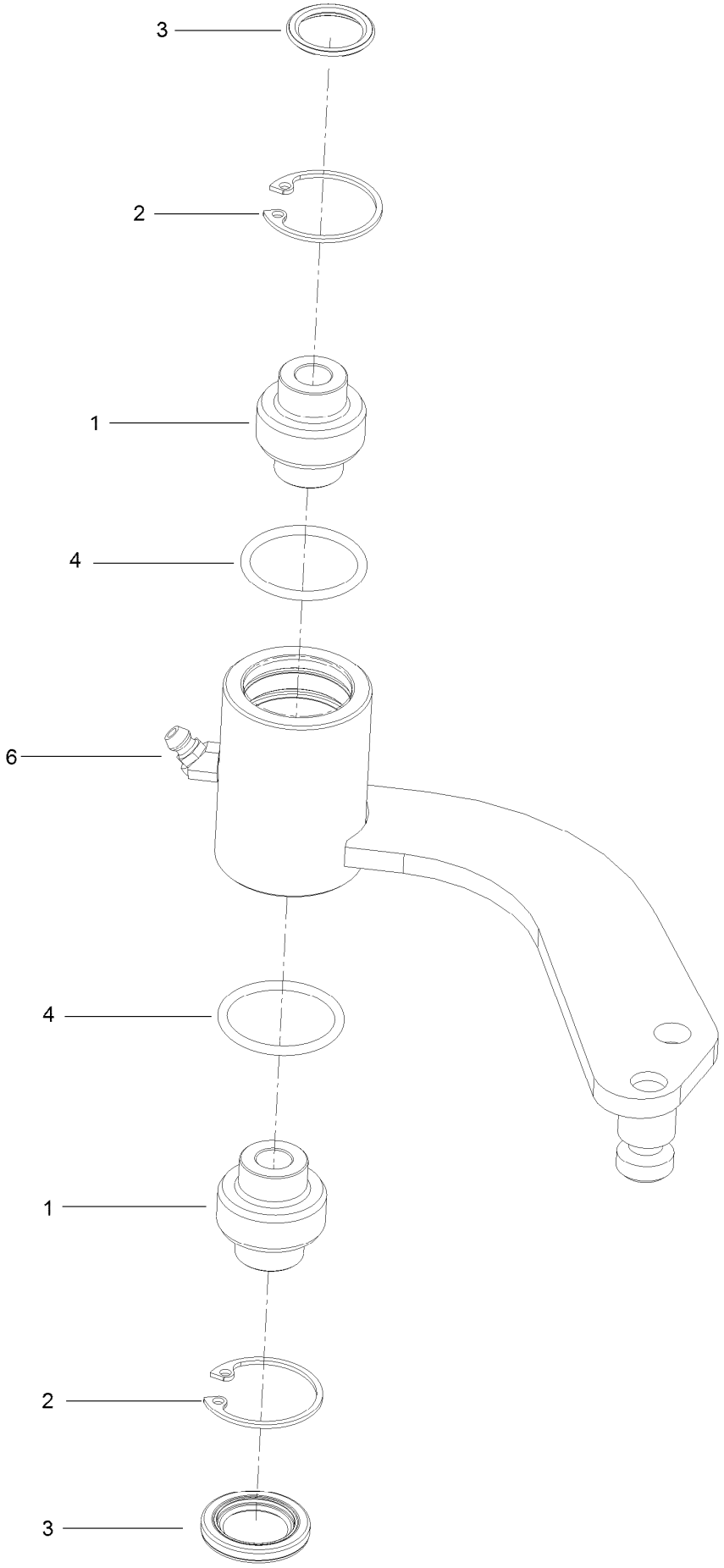
Blower Assembly No. 116-9649



Blower Assembly No. 116-9649 (continued)

Ref.	Part Number	Qty.	Description
1	116-9648	1	Housing 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-Square
3	103-3894	1	Spacer-Blower
4	103-5194	1	Impeller-3 Blade
5	103-3370-03	1	Cover-Blower
6	32128-20	10	Nut-HF
7	1-543610	1	Washer-Clutch
8	1-603610	2	Washer-Spring
9	3212-6	1	Screw-HH
10	103-9474	1	Discharge Chute ASM
10:2	116-8943	2	Decal-Danger, Impeller
11	322-3	4	Screw-HH
12	325-42	1	Screw-HH
13	32128-23	1	Nut-HF
14	325-17	1	Screw-HH
15	18-9810	2	Washer-Thrust
16	3296-23	1	Nut-Lock, NI
17	103-6999	1	Spacer-Mount

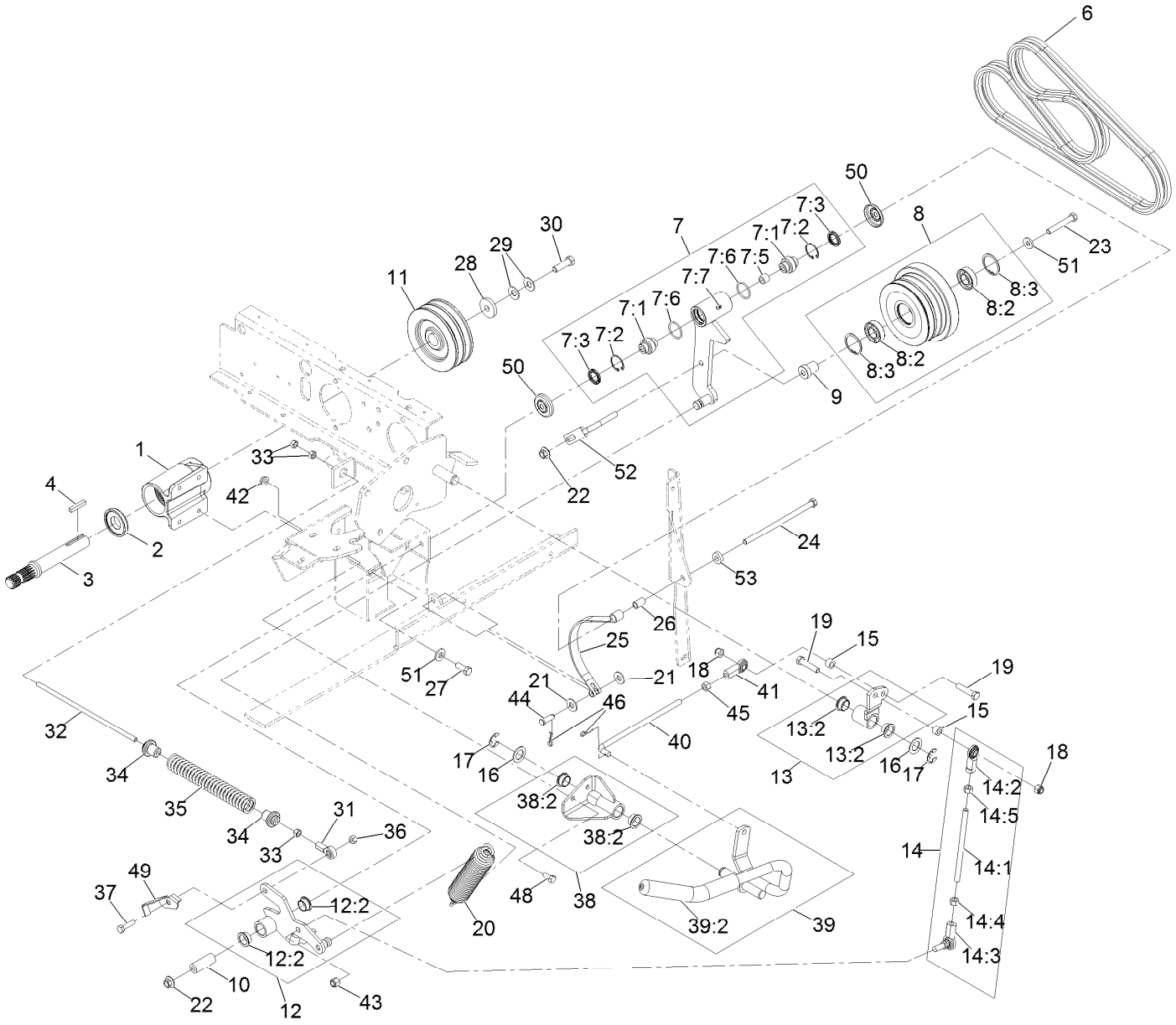
Idler Assembly No. 103-7349



Idler Assembly No. 103-7349 (continued)

Ref.	Part Number	Qty.	Description
1	103-3504	2	Bearing-Spherical
2	32120-10	2	Ring-Snap
3	103-3506	2	Seal-Lip, Single
4	106-7159	2	O-Ring
6	302-11	1	Fitting-Lube, 45 DEG

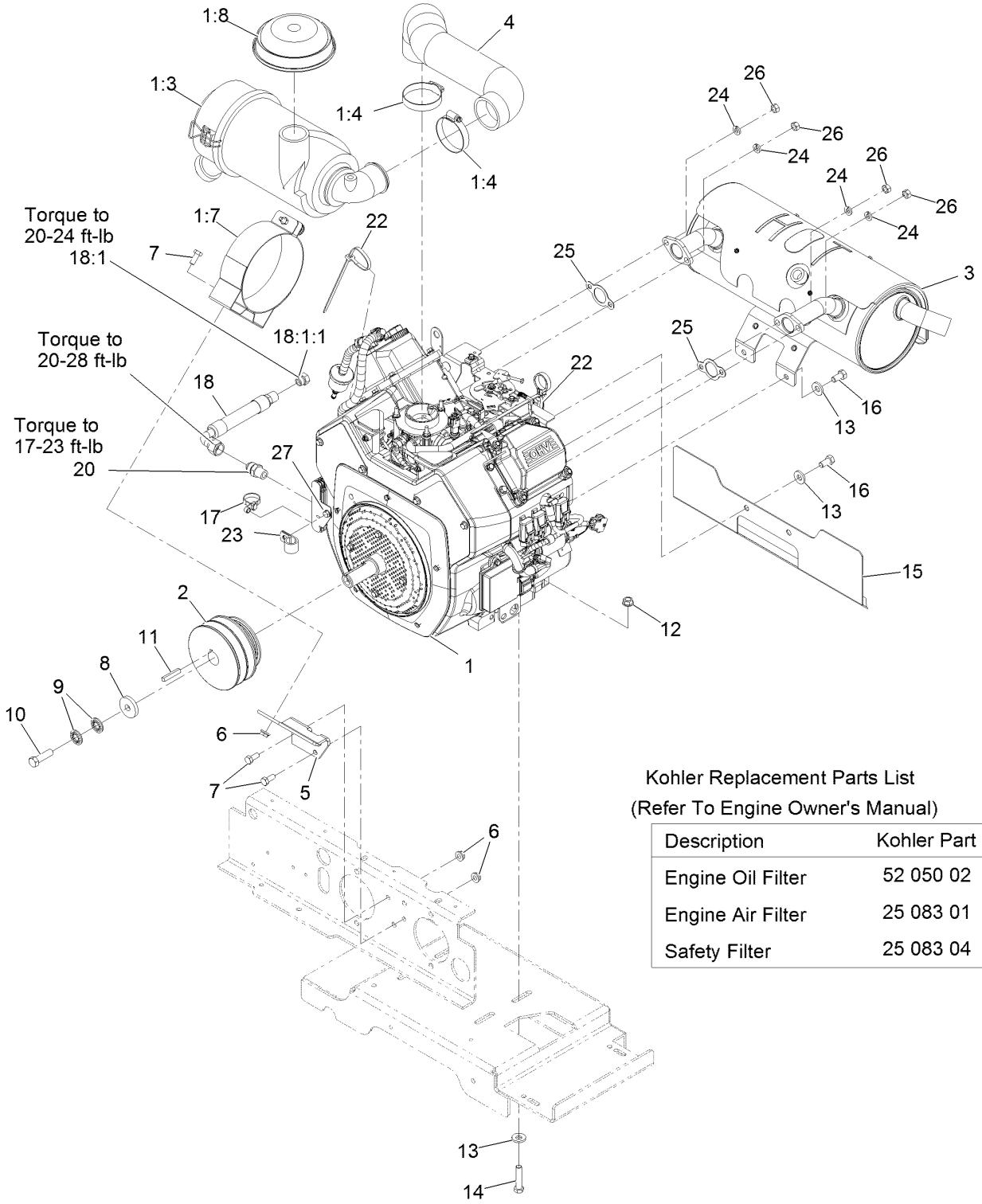
Drive Assembly



Drive Assembly (continued)

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-Square
6	103-6737	1	Belt, Matched Pair
7	103-8253	1	Idler Pivot ASM
7:1	103-3504	2	Bearing-Spherical
7:2	32120-10	2	Ring-Snap
7:3	103-3506	2	Seal-Lip, Single
7:5	1-413088	1	Bushing-Lever, Lift
7:6	106-7159	2	O-Ring
7:7	302-19	1	Fitting-Grease
8	103-9439	1	Idler Sheave ASM
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
11	103-6732	1	Sheave
12	103-9296	1	Arm ASM
12:2	108519	2	Bushing-Bronze
13	103-9297	1	Arm ASM
13:2	108519	2	Bushing-Bronze
14	103-7392	1	Clutch Link ASM
14:1	103-7393	1	Rod-Linkage
14:2	103-1167	1	Joint-Ball End, LH
14:3	103-7994	1	Balljoint-RH
14:4	3219-3	1	Nut-Hex
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-Lock, NI
19	323-9	2	Screw-HH
20	109-0148	1	Spring-Extension
21	3256-4	2	Washer-Flat
22	32128-19	2	Nut-HF
23	323-12	1	Screw-HH
24	323-36	1	Screw-HH
25	103-7697	1	Band-Brake
26	103-9816	1	Spacer
27	323-6	4	Screw-HH
28	1-543610	1	Washer-Clutch
29	1-603610	2	Washer-Spring
30	3212-6	1	Screw-HH
31	1-543017	1	Balljoint-RH
32	103-7996	1	Linkage-Rod, PTO Brake
33	3219-2	3	Nut-Hex
34	103-8254	2	Bushing-Spring
35	103-7997	1	Spring-Brake
36	3296-29	1	Nut-Lock, NI
37	322-6	1	Screw-HH
38	103-9295	1	Pivot ASM
38:2	108519	2	Bushing-Bronze
39	103-9486	1	PTO Handle ASM
39:2	103-8153	1	Grip-Lever, Control
40	103-8277	1	Link-Handle
41	103-0608	1	Joint-Ball, End
42	32128-20	2	Nut-HF
43	3296-6	1	Nut-Lock
44	283-2	1	Pin-Clevis
45	3219-3	1	Nut-Hex
46	1-806003	2	Pin-Cotter
48	322-3	2	Screw-HH
49	103-8716-03	1	Switch-Flag
50	103-2916	2	Guard-Top
51	98-5975	5	Washer-Belleville
52	109-5491	1	Guide-Belt
53	5-0652	1	Spacer

Engine Assembly



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

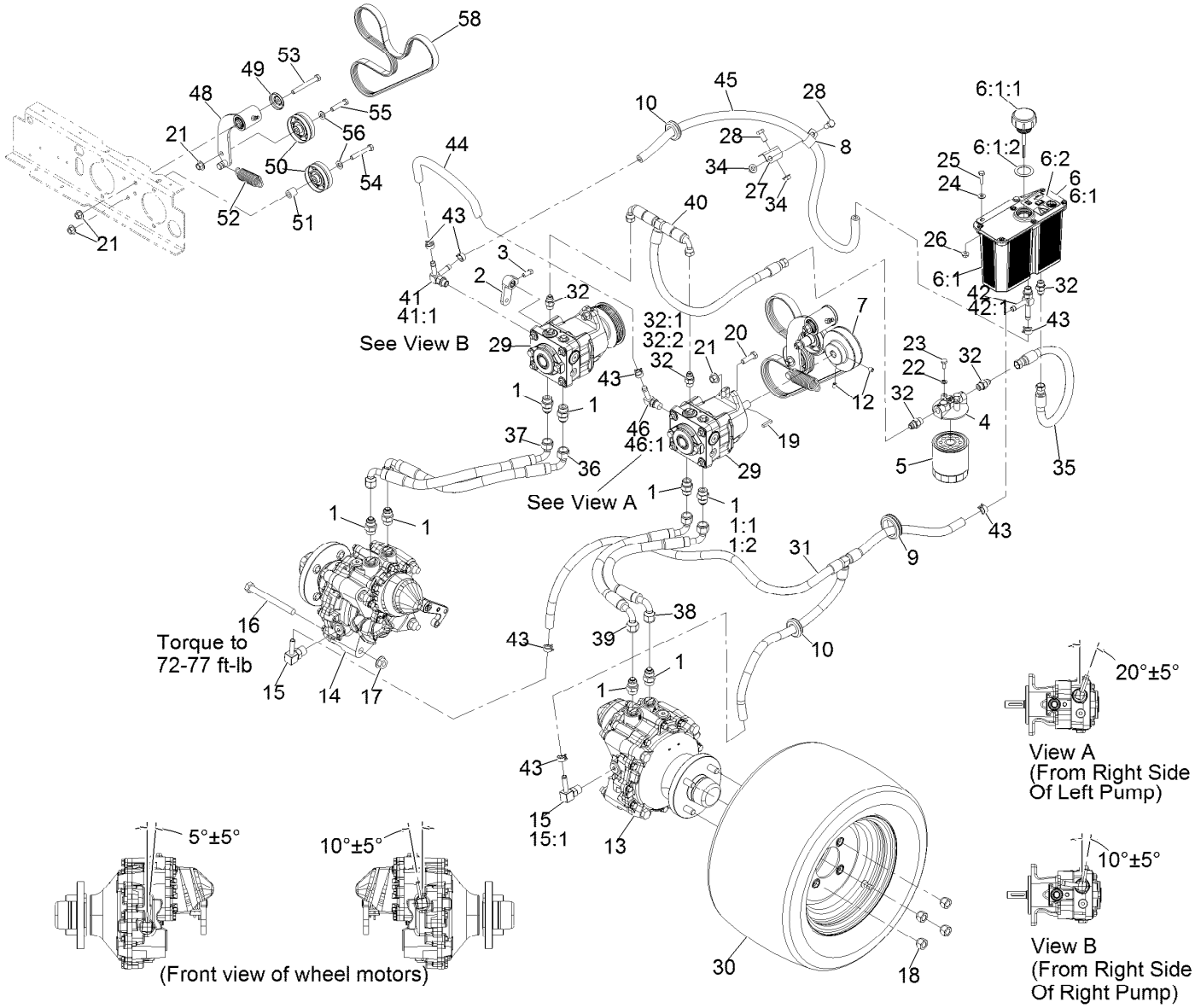
Description	Kohler Part
Engine Oil Filter	52 050 02
Engine Air Filter	25 083 01
Safety Filter	25 083 04

Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1		1	ASM-Engine-Kohler, Ch640-3164 ●
1:3	103-8569	1	Air Cleaner Canister ASM
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
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	Oil Drain Hose ASM
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
27	126-4338	1	Screw-HH

● 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

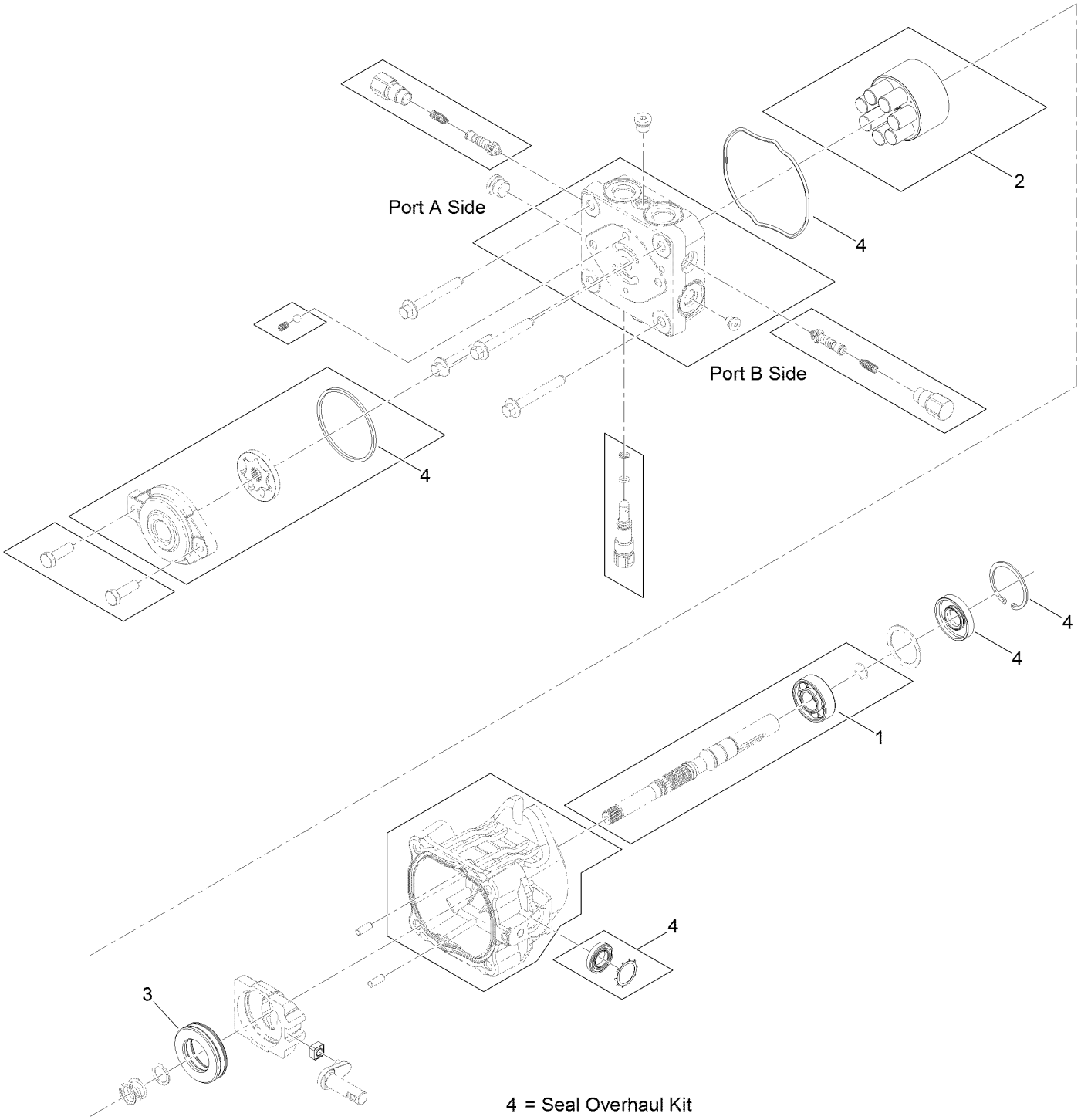


Hydraulic Assembly (continued)

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
6:1		1	Reservoir-HYD ●
6:1:1	116-9273	1	Reservoir Cap 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
13	116-7401	1	Motor-HYD, LH
14	116-7402	1	Motor-HYD, 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	12Cc Hydro Pump ASM
30	116-5634	2	Tire And Wheel ASM
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	126-4400	1	Hydraulic Hose ASM
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	Hydraulic Hose ASM
41	103-5469	1	Adapter-Tee Special
41:1	237-42	1	O-Ring
42	103-1828	1	Adapter-Running Tee
42:1	237-42	1	O-Ring
43	103-1988	7	Clamp-Hose 11/16
44	103-5452	1	Hose-HYD
45	103-5477	1	Hose-HYD
46	100-4887	1	Fitting-Barbed, 90 DEG
46:1	237-42	1	O-Ring
48	103-7349	1	Short Idler ASM
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
58	103-4244	1	Belt

● Not serviced separately

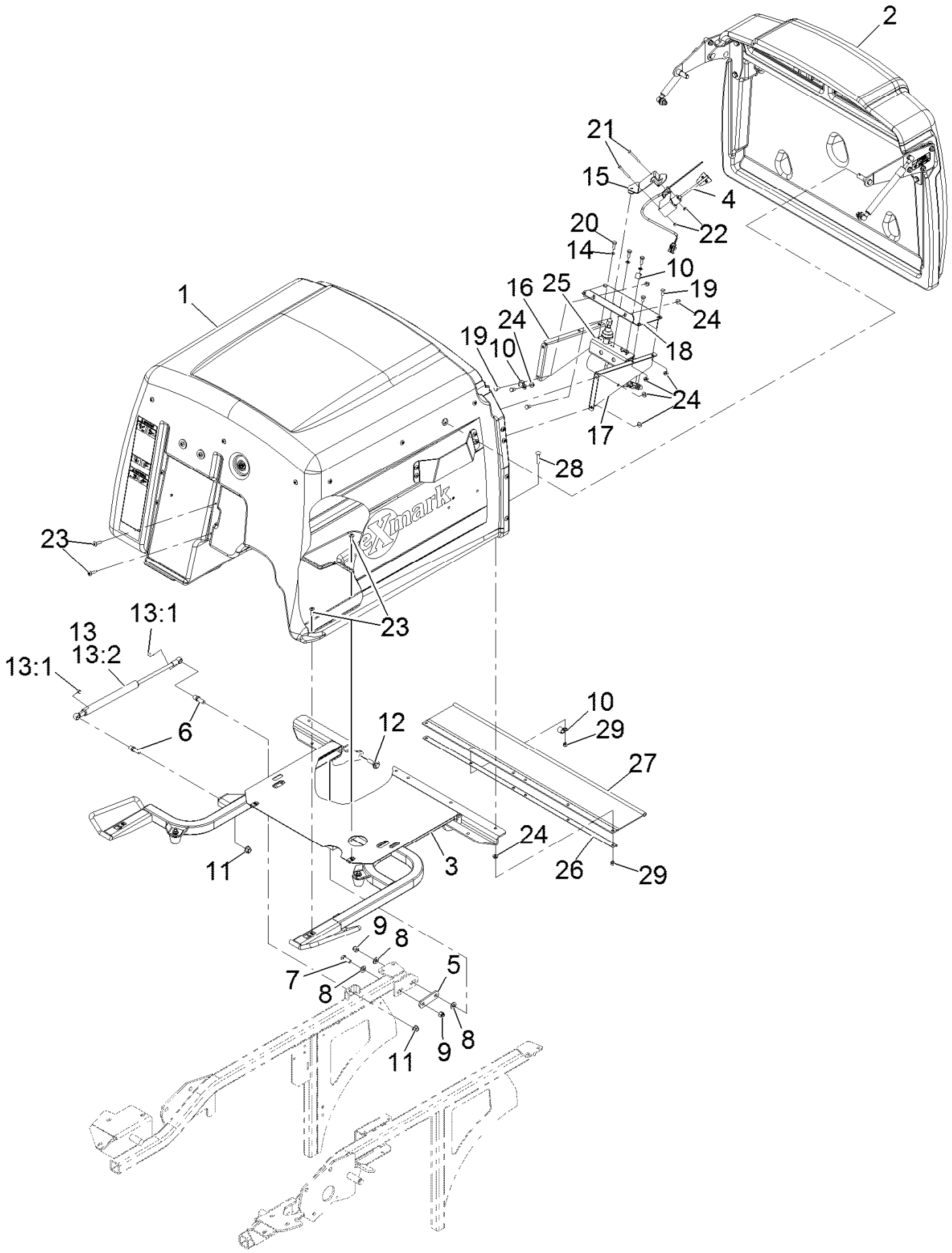
Hydraulic Pump Assembly No. 116-7836



Hydraulic Pump Assembly No. 116-7836 (continued)

Ref.	Part Number	Qty.	Description
1	104-5311	1	Bearing-Ball
2	103-7443	1	Cylinder Block Kit
3	121-3235	1	Bearing-Thrust, Plastic Cage
4	105-6184	1	Seal Overhaul Kit

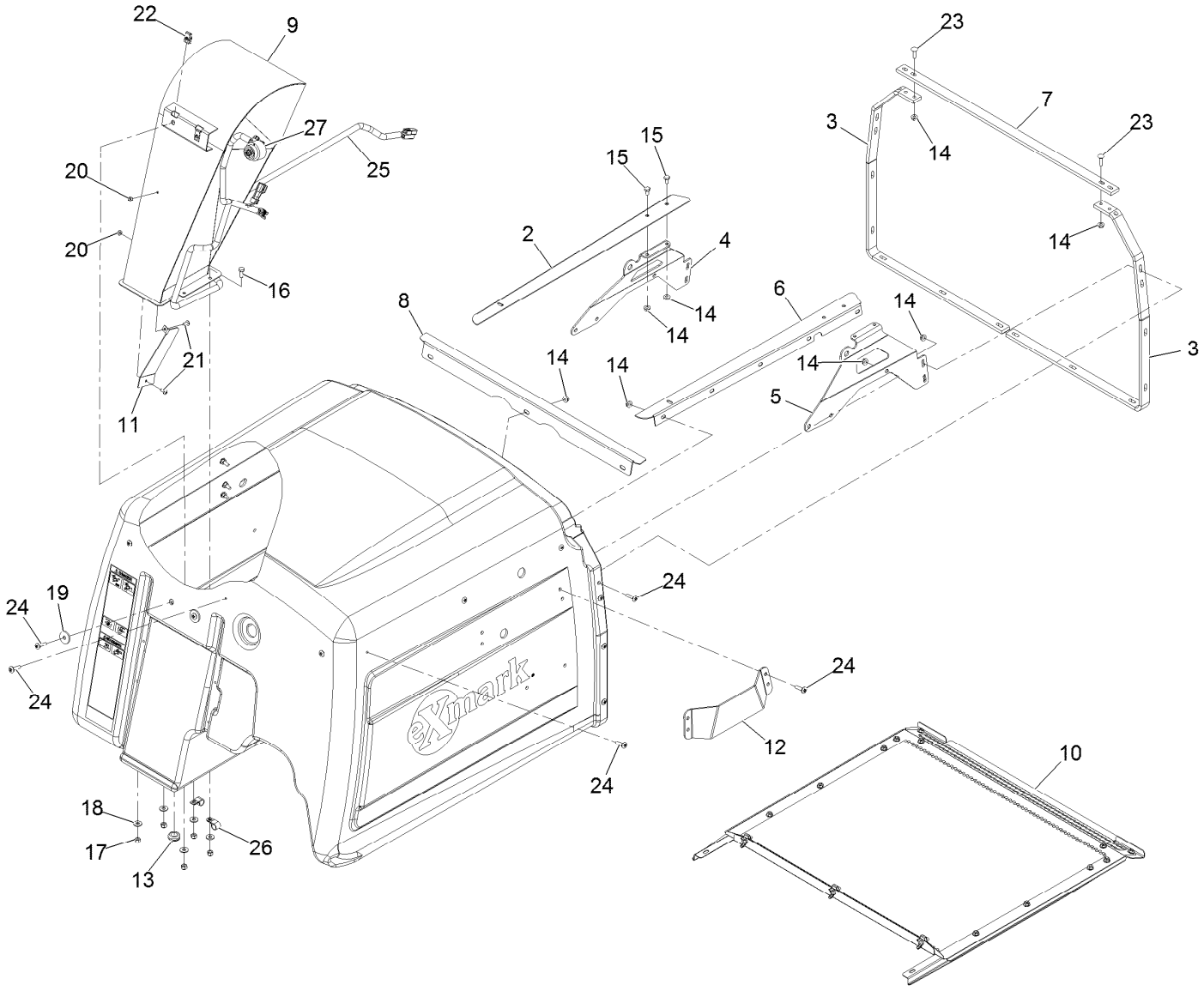
Hopper Assembly



Hopper Assembly (continued)

Ref.	Part Number	Qty.	Description
1	103-9457	1	Asm, Hopper
2	103-9456	1	Asm, Door Hopper
3	109-4086	1	Hopper Frame ASM
4	103-9466	1	Asm, Fill Sensor
5	1-633068	2	Arm-Lift, Deck
6	103-5426	2	Stud-Ball
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	Damper Kit
13:1	103-8325	2	Clip-Retainer
13:2	103-5425	1	Shock-Gas Compression
14	1-303435	3	Washer-Spring
15	109-3648	1	Mount-Switch
16	103-6067-03	1	Bracket-Drive Motor, LH
17	103-6068-03	1	Bracket-Drive 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	Deflector-Grass
28	3229-4	6	Screw-CARR
29	3296-42	6	Nut-Lock, NI

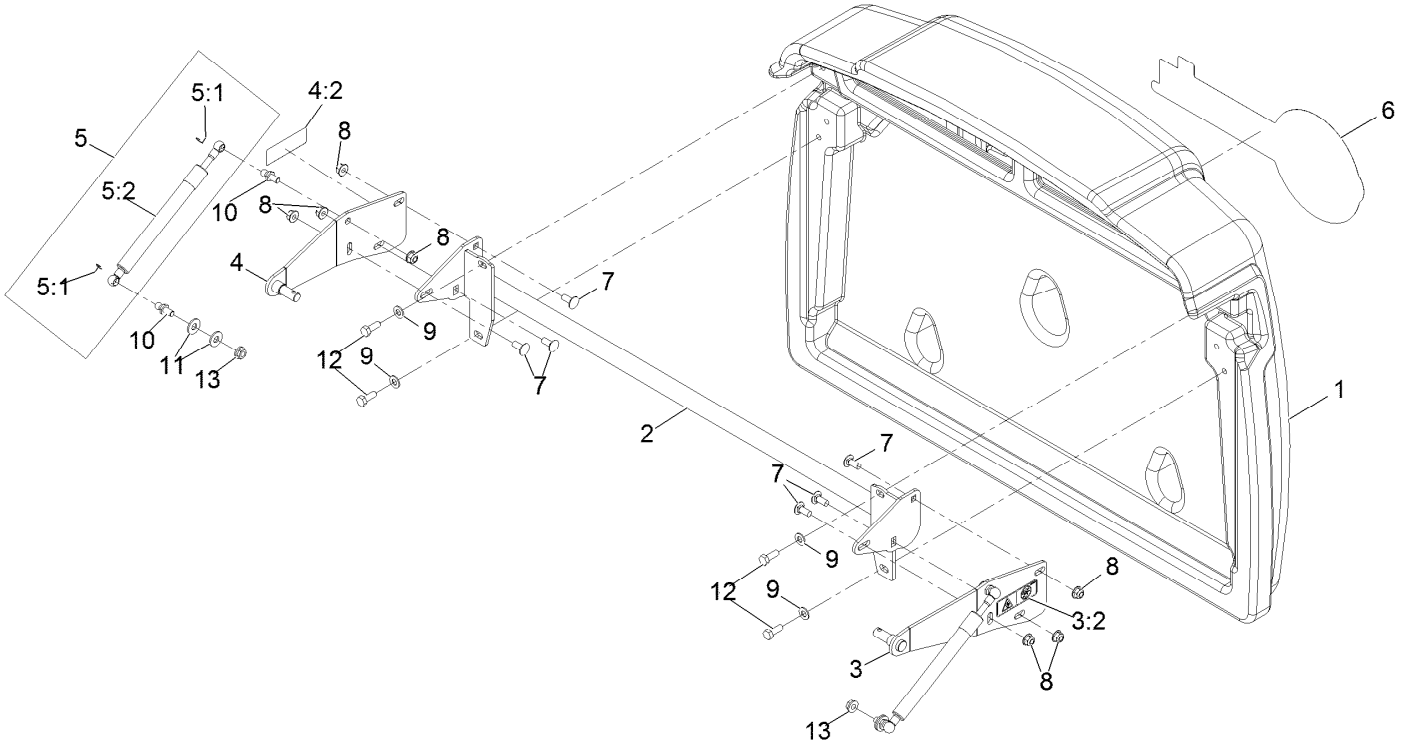
Hopper Assembly No. 103-9457



Hopper Assembly No. 103-9457 (continued)

Ref.	Part Number	Qty.	Description
2	103-5736-03	1	Angle-Screen Track, RH
3	103-5045-03	2	Reinforcement-Hopper
4	103-5751-03	1	Brace-Door Pivot, RH
5	103-5749-03	1	Brace-Door Pivot, LH
6	103-5774-03	1	Angle-Screen Track, LH
7	103-5772-03	1	Bracket-Frame Connect
8	103-7035-03	1	Channel-Screen, Front
9	109-3650-03	1	Diffuser
10	109-0717	1	Hopper Screen ASM
11	103-8680	1	Deflector-Discharge Chute
12	109-4019	2	Plate-Guard
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-Wire, Hopper
26	1-513762	2	Clip-Loom 1/2
27	103-0205	1	Alarm-Tone, Dual

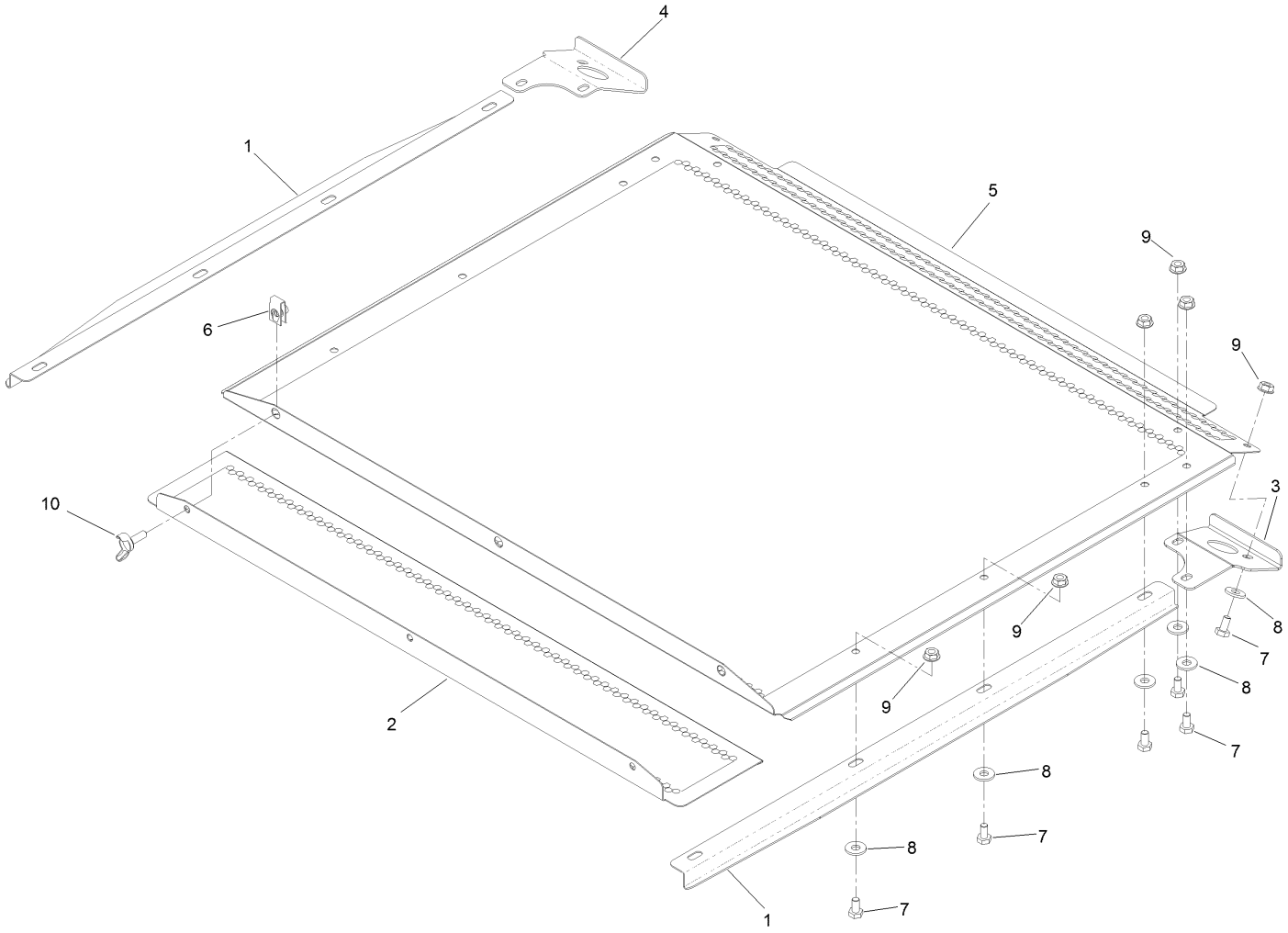
Hopper Door Assembly No. 103-9456



Hopper Door Assembly No. 103-9456 (continued)

Ref.	Part Number	Qty.	Description
1	109-3955	1	Door, 9.5 Bushel Hopper
2	109-4153-03	1	Support-Door
3	109-4253	1	LH Door Pivot ASM
3:2	120-0625	1	Decal-Warning, Pinch Point
4	109-4254	1	RH Door Pivot ASM
4:2	120-0625	1	Decal-Warning, Pinch Point
5	109-0715	2	Damper Kit
5:1	103-8324	2	Clip-Retainer
5:2	103-5746	1	Shock-Gas Tension
6	126-7353	1	Decal-Exmark Logo
7	3230-23	6	Screw-CARR
8	104-8300	8	Nut-Flange, NI
9	3256-23	4	Washer-Flat
10	103-5752	4	Stud-Ball
11	3256-3	4	Washer-Flat
12	322-4	4	Screw-HH
13	32128-20	2	Nut-HF

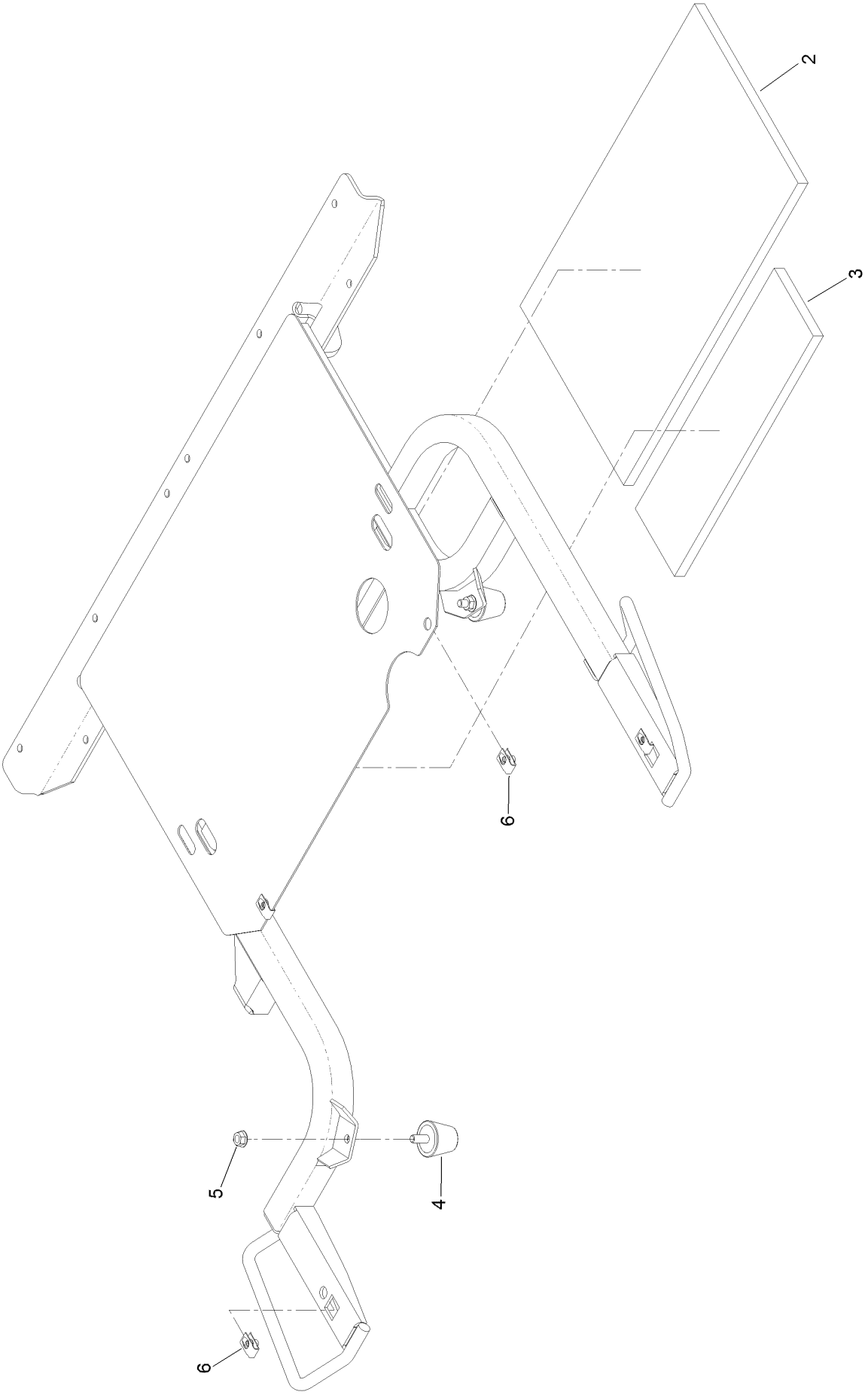
Hopper Screen Assembly No. 109-0717



Hopper Screen Assembly No. 109-0717 (continued)

Ref.	Part Number	Qty.	Description
1	103-8203-03	2	Guide-Screen
2	103-7048-03	1	Panel-Screen, Removable
3	103-7098-03	1	Handle-Screen, LH
4	103-7099-03	1	Handle-Screen, RH
5	103-5745-03	1	Panel-Screen, Hopper
6	107069	3	Clip
7	321-2	12	Screw-HH
8	3256-2	12	Washer-Flat
9	32128-33	12	Nut-HF
10	109-1063	3	Screw-Wing

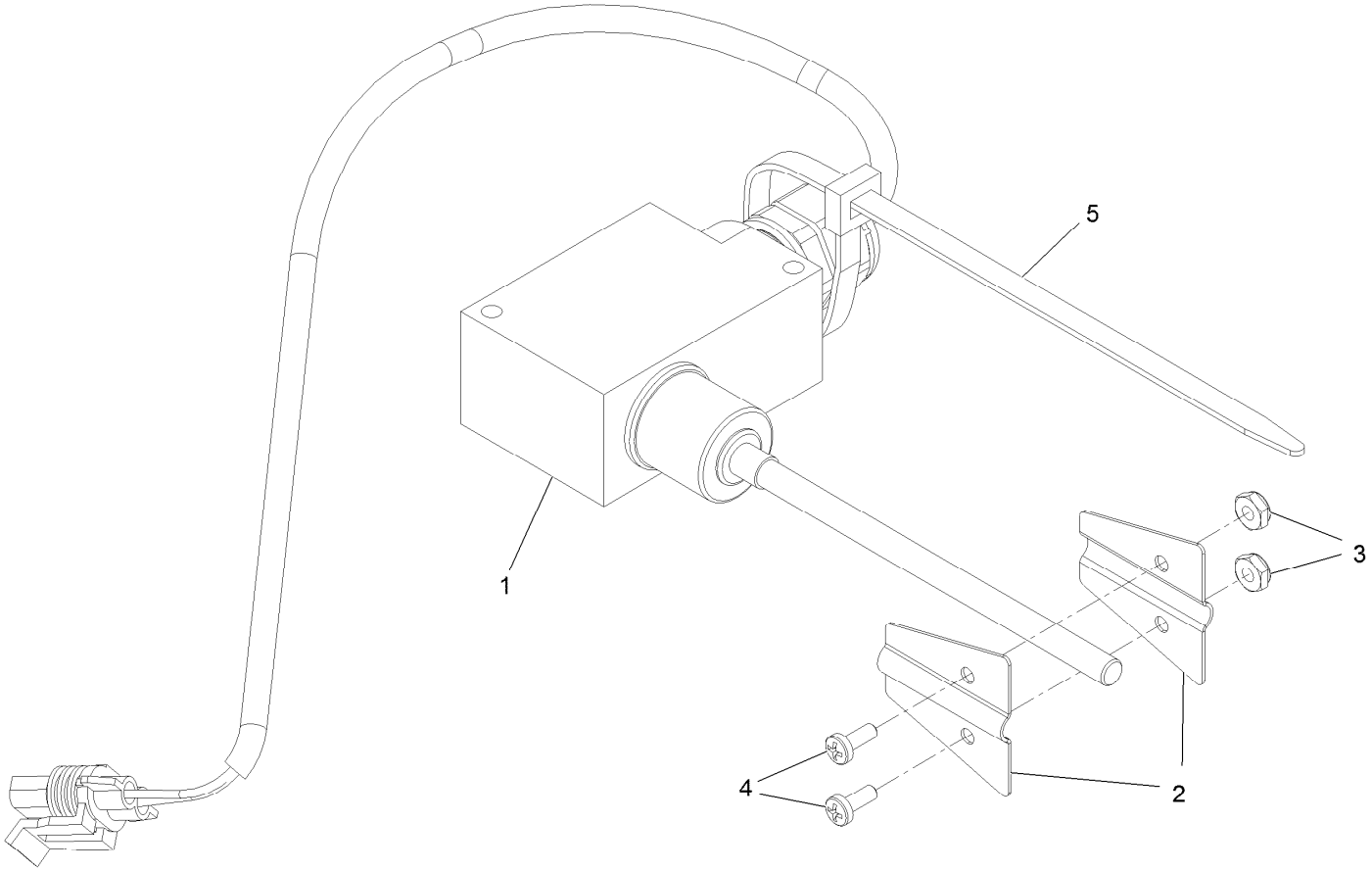
Hopper Frame Assembly No. 109-4086



Hopper Frame Assembly No. 109-4086 (continued)

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-HF
6	107069	4	Clip

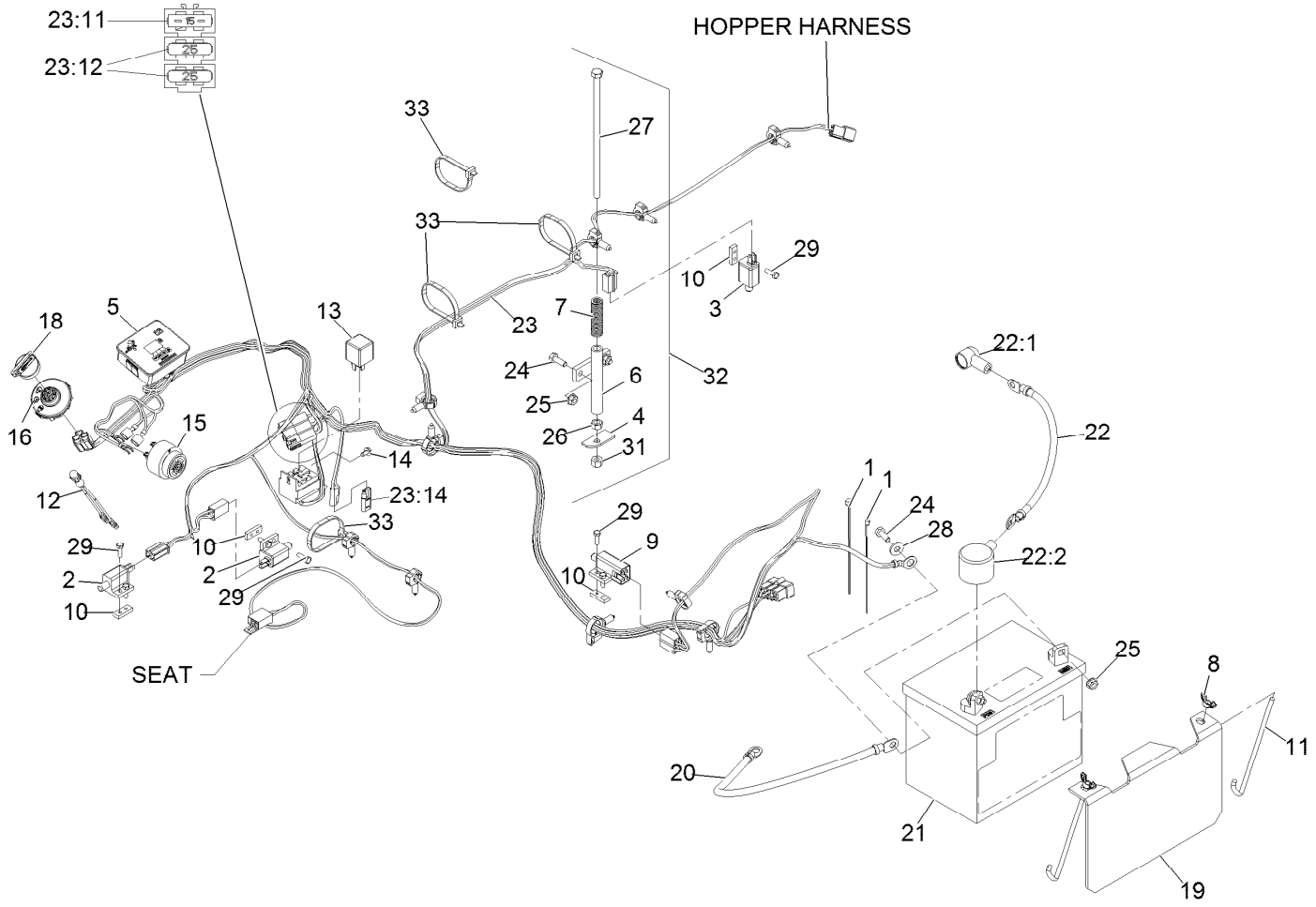
Fill Sensor Assembly No. 103-9466



Fill Sensor Assembly No. 103-9466 (continued)

Ref.	Part Number	Qty.	Description
1	109-3854	1	Fill Sensor Wire Kit
2	103-8789	2	Flag-Sensor, Fill
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



Electrical Assembly (continued)

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	126-7505	1	Plate-Switch
5	116-8812	1	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(-)
21		1	Battery (300 Cca, Wet) ●■
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 ▲
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	8	Screw-HH Machine 10-24 X 5/8
31	3296-29	1	Nut-Nyloc 5/16-18
32	103-8528	1	Hopper Switch Actuator ASM
33	1-303335	4	Tie-Cable 7 15/16 (Large)

● Obtain locally. ■ Not serviced separately

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

Notes:

Notes:

Notes:

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ULTRA VAC COLLECTION SYSTEM
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