



Form No. 3389-843 Rev A

Count on it.

Parts Catalog

Z Master® 8000 Series Riding Mower

with 42in Direct-Collect Cutting Unit

Model No. 74310—Serial No. 315000001 and Up



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

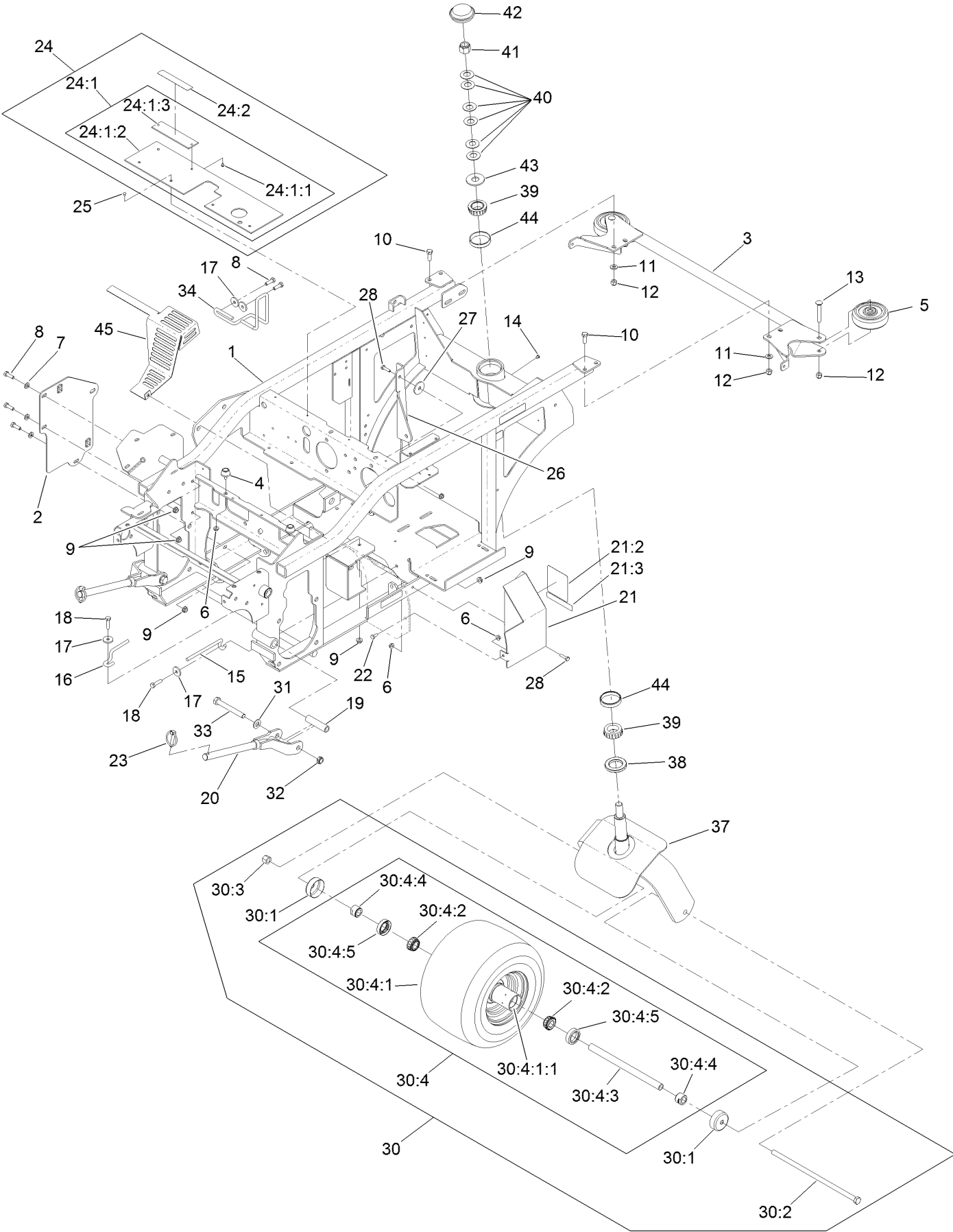
TAP: self tapping

TTH: torx truss head

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Caster Wheel and Frame Assembly



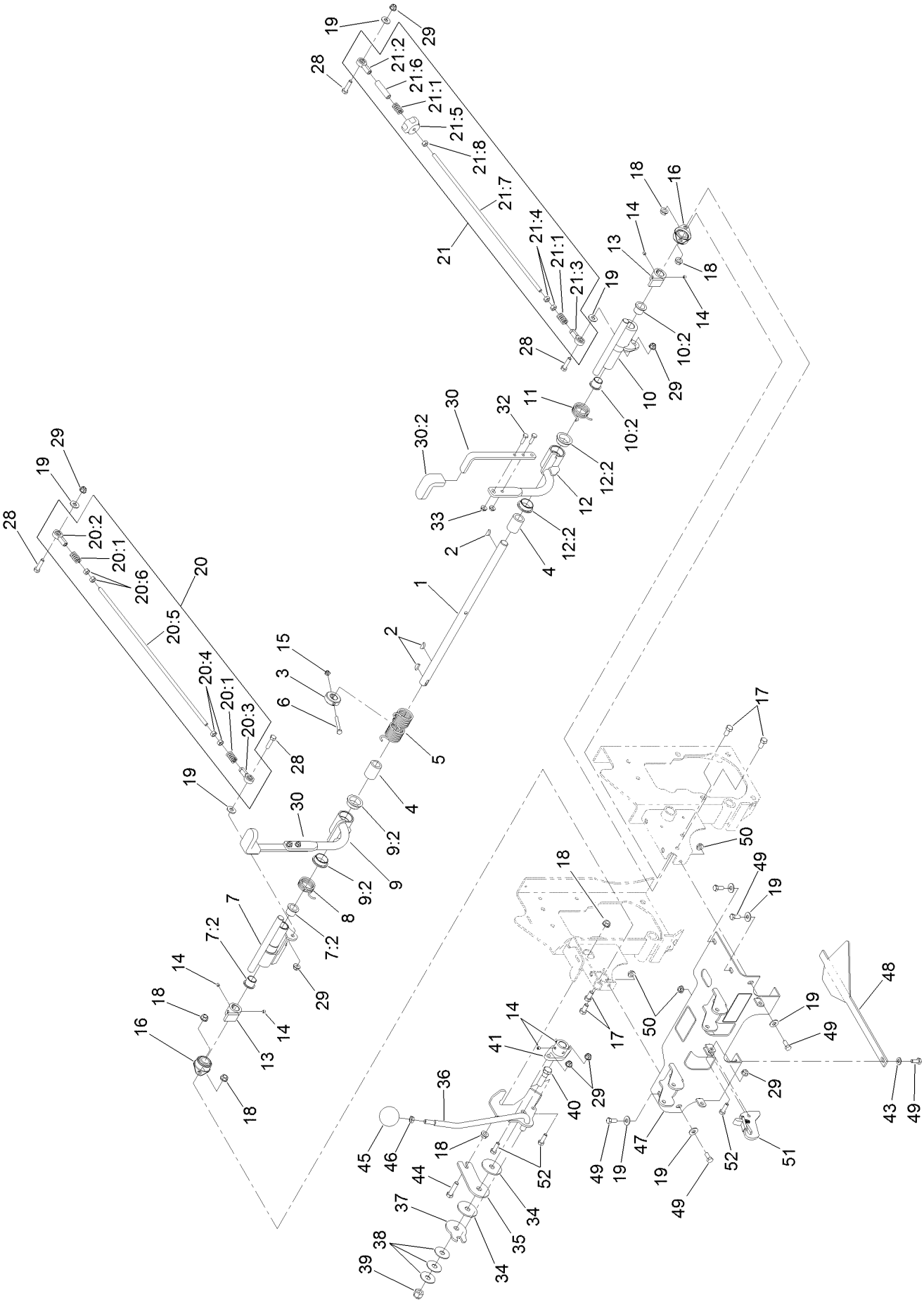
Caster Wheel and Frame Assembly (continued)

<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	116-7482	1	Frame ASM	24:2	98-1977	1	Decal-Warning
2	116-7396-03	1	Plate-Support	25	1-803035	4	Rivet-Pop
3	109-0925-03	1	Bumper-Rear	26	109-5874-03	1	Brace-PTO
4	109-2365	1	Bumper-Rubber	27	1-213069	1	Washer
5	103-5408	2	Roller-Bumper	28	321-6	2	Screw-HH
6	32128-33	5	Nut-HF	30	130-2865	1	Wheel And Axle ASM
7	3256-23	3	Washer-Flat	30:1	103-2768	2	Guard-Seal
8	322-5	5	Screw-HH	30:2	103-7738	1	Screw-HH
9	32128-20	5	Nut-HF	30:3	3296-23	1	Nut-Lock, NI
10	323-6	4	Screw-HH	30:4	130-2864	1	Wheel And Bearing ASM
11	3256-24	4	Washer-Flat	30:4:1		1	Wheel And Tire ASM ●
12	3296-39	6	Nut-Lock, NI	30:4:1:1	1-633584	2	Bearing-Cup
13	3231-31	2	Screw-CARR	30:4:2	1-633585	2	Bearing-Cone, Taper
14	1-811010	1	Plug	30:4:3	103-5302	1	Axle-Caster
15	103-8333	1	Guide-Belt	30:4:4	103-3051	2	Spacer-Nut ■
16	103-8349	1	Guide-Belt	30:4:5	103-0063	2	Seal-Caster
17	1-613235	4	Washer	31	3256-26	2	Washer-Flat
18	322-6	2	Screw-HH	32	3296-45	2	Nut-Lock, NI
19	1-633060	2	Spacer-Wheel, Short	33	325-17	2	Screw-HH
20	103-6596-03	2	Rod-Push	34	116-8323	1	Guide-Belt
21	130-2879	1	Drive Shield ASM	37	103-3351-03	1	Fork-Rear Caster
21:2	116-8941	1	Decal-Belt Routing	38	103-9027	1	Seal-Grease
21:3	98-1977	1	Decal-Warning	39	103-9028	2	Bearing-Roller, Cone Taper
22	321-3	1	Screw-HH	40	1-633508	6	Washer-Bellville
23	103-4155	2	Pin-Lynch	41	3296-51	1	Nut-Lock, NI
24	103-9476	1	Lift Shield ASM	42	103-9057	1	Cap-Grease
24:1		1	Shield-Lift ●	43	3256-8	1	Washer-Flat
24:1:1	1-803035	2	Rivet-Pop	44	103-9029	2	Cup-Tapered, Roller Bearing
24:1:2	103-8819	1	Flap-Guard	45	116-7272-03	1	Shield-Heat
24:1:3	103-9114-03	1	Plate-Decal				

● Not serviced separately

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

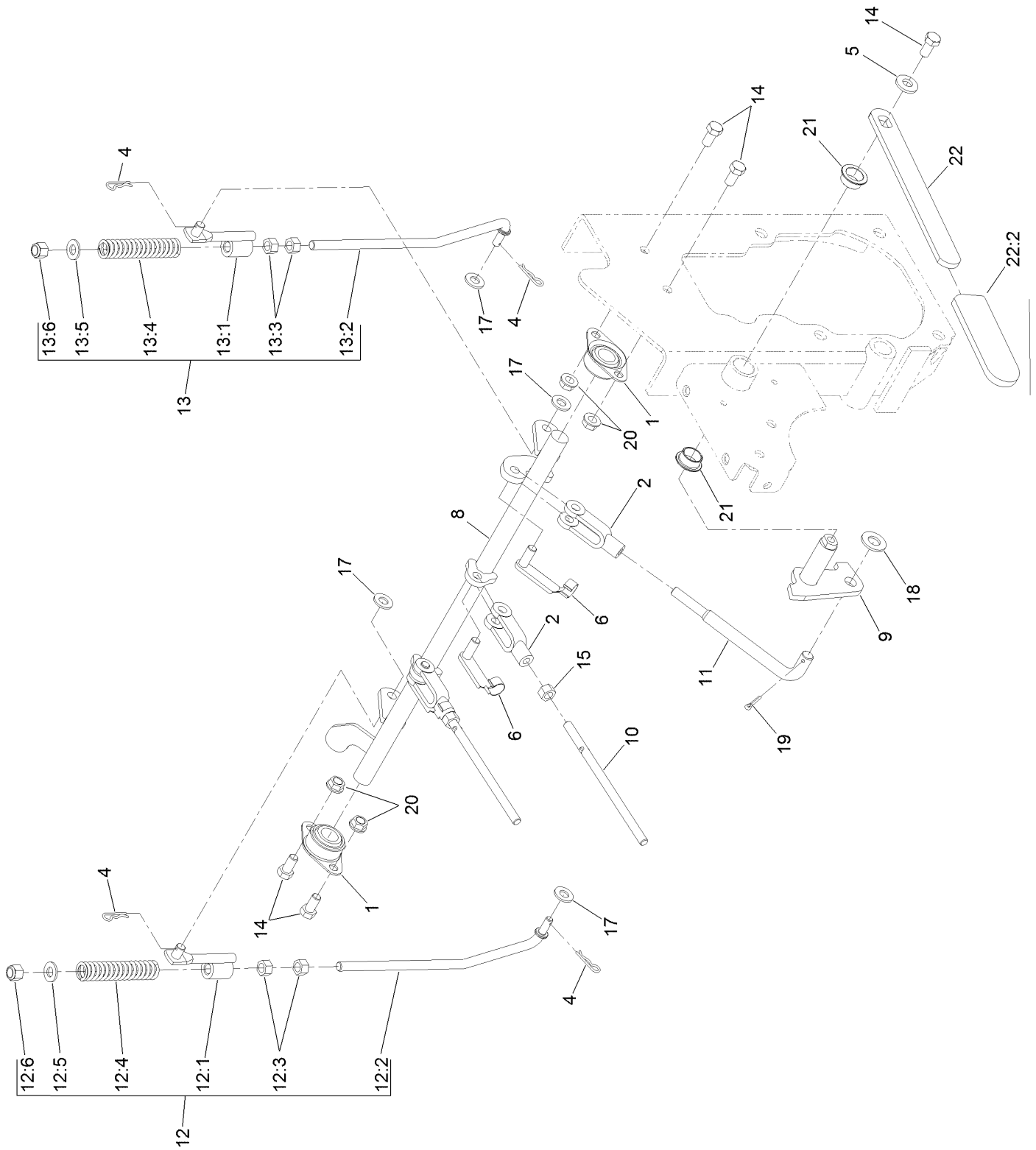
Speed Control Assembly



Speed 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	116-7856	1	Shaft-Speed Control	21:3	1-633152	1	Balljoint-LH
2	3257-5	3	Key-Woodruff	21:4	1-804524	2	Nut
3	116-7372	1	Hub-Center Stop	21:5	103-3060	1	Knob-Tracking
4	116-7414	2	Bushing-Plastic	21:6	103-5945	1	Spacer
5	116-8475	1	Spring-Double Torsion	21:7	116-7492	1	Rod-Steering Linkage
6	321-11	1	Screw-HH	21:8	3219-2	1	Nut-Hex
7	116-8444	1	RH Control Hub ASM	28	322-6	4	Screw-HH
7:2	103-4398	2	Bearing-Flange, Iglide	29	104-8300	7	Nut-Flange, NI
8	116-7380	1	Spring-Torsion, RH	30	116-9246	2	Handle ASM
9	116-7408	1	RH Steering Handle ASM	30:2	103-5994	1	Grip-Handle, Steering
9:2	116-7422	2	Bearing-Flange, Iglide	32	321-5	4	Screw-HH
10	116-7416	1	LH Control Hub ASM	33	32128-33	4	Nut-HF
10:2	103-4398	2	Bearing-Flange, Iglide	34	103-5009	2	Disc-Friction
11	116-7381	1	Spring-Torsion, LH	35	116-7846	1	Plate-Friction, Speed Control
12	116-7421	1	LH Steering Handle ASM	36	116-7845	1	Lever-Speed Control
12:2	116-7422	2	Bearing-Flange, Iglide	37	116-7849	1	Plate-Friction, Speed Control
13	103-4342	2	Hub-Speed Control	38	103-5018	3	Washer-Spring Disc
14	108-0989	6	Screw-Set	39	3296-19	1	Nut-Hex
15	3296-56	1	Nut-Lock, NI	40	116-7848	1	Screw-HH
16	1-633102	2	Bearing-Flange, Side	41	116-7859	1	Hub-Speed Control
17	323-4	4	Screw-HH	43	3256-23	1	Washer-Flat
18	3290-357	6	Nut-HHF, Whiz	44	323-8	1	Screw-HH
19	3256-3	9	Washer-Flat	45	103-4397	1	Knob-Ball, Speed Control
20	116-9667	1	RH Pump Linkage ASM	46	3218-3	1	Nut-Jam
20:1	1-323245	2	Spring-Compression	47	116-7384	1	Console ASM
20:2	1-543017	1	Balljoint-RH	48	103-5993-03	1	Guide-Plenum
20:3	1-633152	1	Balljoint-LH	49	322-3	6	Screw-HH
20:4	1-804524	2	Nut	50	32128-20	3	Nut-HF
20:5	116-7492	1	Rod-Steering Linkage	51	103-8494	1	Hook
20:6	3219-2	2	Nut-Hex	52	322-5	3	Screw-HH
21	116-9668	1	LH Pump Linkage ASM				
21:1	1-323245	2	Spring-Compression				
21:2	1-543017	1	Balljoint-RH				

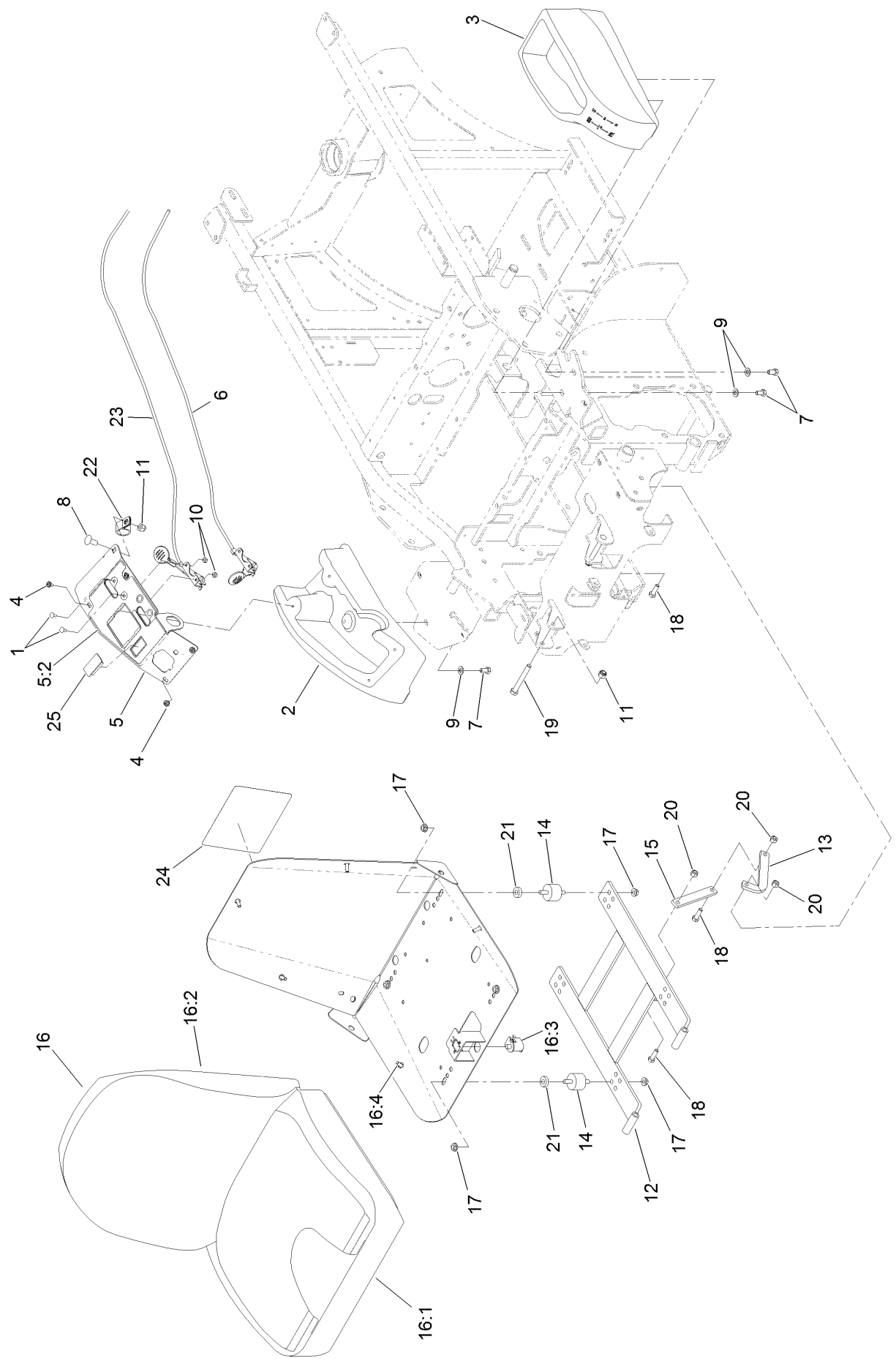
Parking Brake Assembly



Parking 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	1-633102	2	Bearing-Flange, Side	13	116-9749	1	LH Brake Linkage ASM
2	1-633131	3	Yoke-Linkage, Brake	13:1	116-8467	1	Brake Linkage ASM
4	1-806003	4	Pin-Cotter	13:2	116-8464	1	Link-Brake, LH
5	98-5975	1	Washer-Belleville	13:3	3219-3	2	Nut-Hex
6	103-2399	3	Pin-Spring, Clevis	13:4	116-8470	1	Spring-Compression
8	116-7483-03	1	Shaft-Brake	13:5	3256-24	1	Washer-Flat
9	116-7486	1	Pivot-Brake	13:6	3296-6	1	Nut-Lock
10	116-7838	2	Rod-Linkage, Brake	14	323-4	5	Screw-HH
11	116-8474	1	Rod-Linkage, Brake	15	3219-3	2	Nut-Hex
12	116-9748	1	RH Brake Linkage ASM	17	3256-24	4	Washer-Flat
12:1	116-8467	1	Brake Linkage ASM	18	3256-26	1	Washer-Flat
12:2	116-8465	1	Link-Brake, RH	19	3272-10	1	Pin-Cotter
12:3	3219-3	2	Nut-Hex	20	3290-357	4	Nut-HHF, Whiz
12:4	116-8470	1	Spring-Compression	21	108519	2	Bushing-Bronze
12:5	3256-24	1	Washer-Flat	22	103-9469	1	Park Brake Handle ASM
12:6	3296-6	1	Nut-Lock	22:2	1-633268	1	Grip-Lever

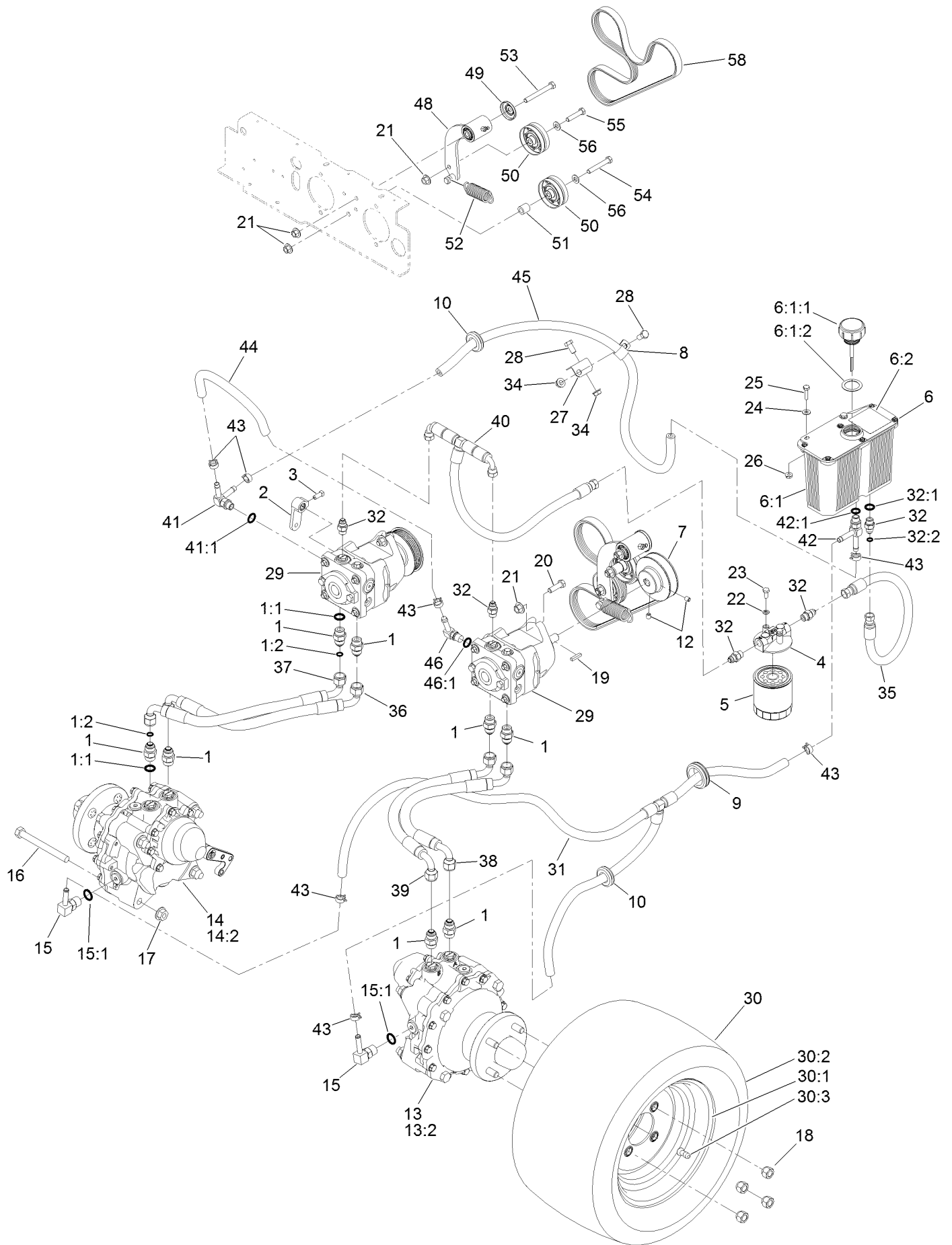
Seat and Consoles Assembly



Seat and Consoles 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	1-807513	4	Bolt-CARR	15	103-8563	1	Link-Seat
2	130-2857	1	Console-RH	16	130-2852	1	Seat ASM
3	126-4343	1	Console-LH	16:1	121-4751	1	Cushion-Seat, Bottom
4	109-2661	4	Screw-PPH	16:2	121-4752	1	Cushion-Seat, Back
5	130-2896	1	Control Panel ASM	16:3	82-2190	1	Switch-Bail
5:2	130-2880	1	Decal-Control	16:4	103-8383	5	Bolt-Seat
6	109-4641	1	Cable-Throttle	17	32128-20	8	Nut-HF
7	322-2	6	Screw-HH	18	322-5	3	Screw-HH
8	3231-27	1	Screw-CARR	19	323-14	2	Screw-HH
9	3256-23	6	Washer-Flat	20	3296-29	3	Nut-Lock, NI
10	3296-2	4	Nut-Lock, NI	21	5-0652	4	Spacer
11	3296-39	3	Nut-Lock, NI	22	1-643312	1	Clip-Loom
12	103-4362-03	1	Frame-Seat	23	109-4640	1	Cable-Choke
13	116-9554	1	Link-Seat Stop	24	116-9044	1	Decal-Service Aid
14	103-5496	4	Mount-Vibration, Rubber	25	99-7420	1	Plug-Hole

Hydraulic Assembly

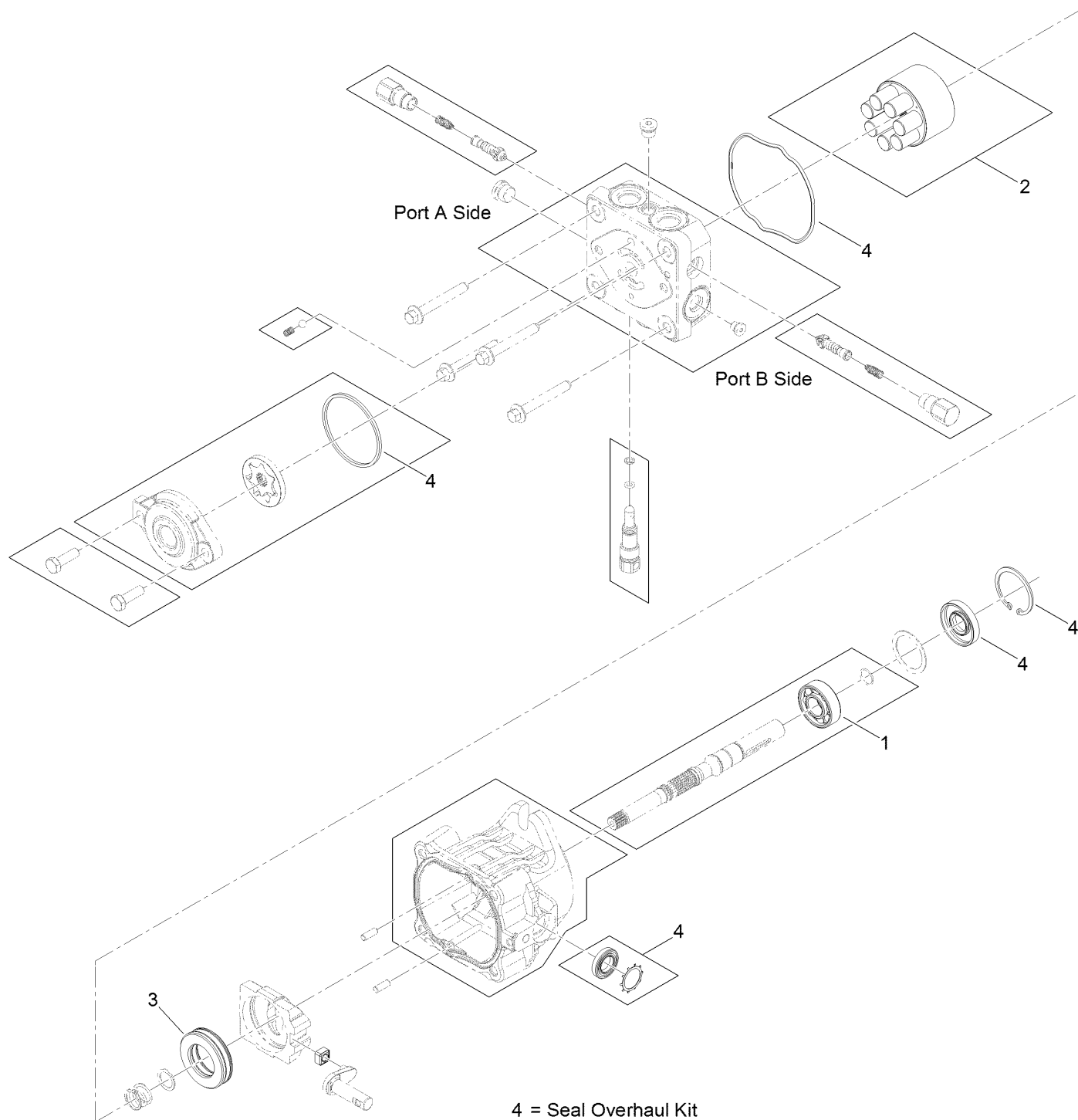


Hydraulic Assembly (continued)

<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	1-603990	8	Fitting-Straight	29	116-7836	2	12Cc Hydro Pump ASM
1:1	1-603920	1	O-Ring	30	130-2869	2	Wheel And Tire ASM
1:2	1-603992	1	O-Ring	30:1	130-2868	1	Wheel
2	1-632208	2	Arm-Control, Pump	30:2	105-1945	1	Tire
3	120-6474	2	Screw-Set, SQH	30:3	232-27	1	Stem-Valve
4	104-7836	1	Head-Filter	31	116-7831	1	Hydraulic Hose ASM
5	114-3494	1	Element-Filter, 25 Micron	32	103-2156	5	Fitting-Straight
6	116-9274	1	Reservoir ASM	32:1	1-603921	1	O-Ring
6:1		1	Reservoir-HYD ●	32:2	103-1020	1	O-Ring
6:1:1	116-9273	1	Reservoir Cap ASM	34	3290-357	2	Nut-HHF, Whiz
6:1:2	103-1949	1	Gasket-Cap	35	126-4400	1	Hydraulic Hose ASM
6:2	115-4212	1	Decal-Warning	36	116-7827	1	Hydraulic Hose ASM
7	103-4246	2	Sheave	37	116-7828	1	Hydraulic Hose ASM
8	1-633396	1	Clip-Loom	38	116-7829	1	Hydraulic Hose ASM
9	103-7706	1	Grommet	39	116-7830	1	Hydraulic Hose ASM
10	1-543286	2	Grommet	40	109-1264	1	Hydraulic Hose ASM
12	1-803310	4	Screw-Set	41	103-5469	1	Adapter-Tee
13	116-7401	1	Motor-HYD, LH	41:1	237-42	1	O-Ring
13:2	126-0315	1	Seal Kit	42	103-1828	1	Adapter-Run, Tee
14	116-7402	1	Motor-HYD, RH	42:1	237-42	1	O-Ring
14:2	126-0315	1	Seal Kit	43	103-1988	7	Clamp-Hose
15	354-134	2	Fitting-HYD, 90 DEG	44	103-5452	1	Hose-HYD
15:1	237-79	1	O-Ring	45	103-5477	1	Hose-HYD
16	325-19	8	Screw-HH	46	100-4887	1	Fitting-Barbed, 90 DEG
17	32128-49	8	Nut-HHF	46:1	237-42	1	O-Ring
18	242-50	8	Nut-Lug	48	103-7349	1	Short Idler ASM
19	1-807272	2	Key	49	103-2916	1	Guard-Top
20	323-7	4	Screw-HH	50	116-6361	2	Pulley
21	32128-43	7	Nut-Flange	51	106-5574	1	Spacer-Mounting, Steering
22	1-805004	2	Washer-Lock	52	1-653331	1	Spring-Idler
23	321-3	2	Screw-HH	53	323-20	1	Screw-HH
24	3256-22	2	Washer-Flat	54	323-12	1	Screw-HH
25	321-6	2	Screw-HH	55	323-9	1	Screw-HH
26	32128-33	2	Nut-HF	56	3256-24	2	Washer-Flat
27	103-8631	1	Bracket-Clamp	58	130-2871	1	Belt-V
28	323-4	2	Screw-HH				

● Not serviced separately

Hydraulic Pump Assembly No. 116-7836

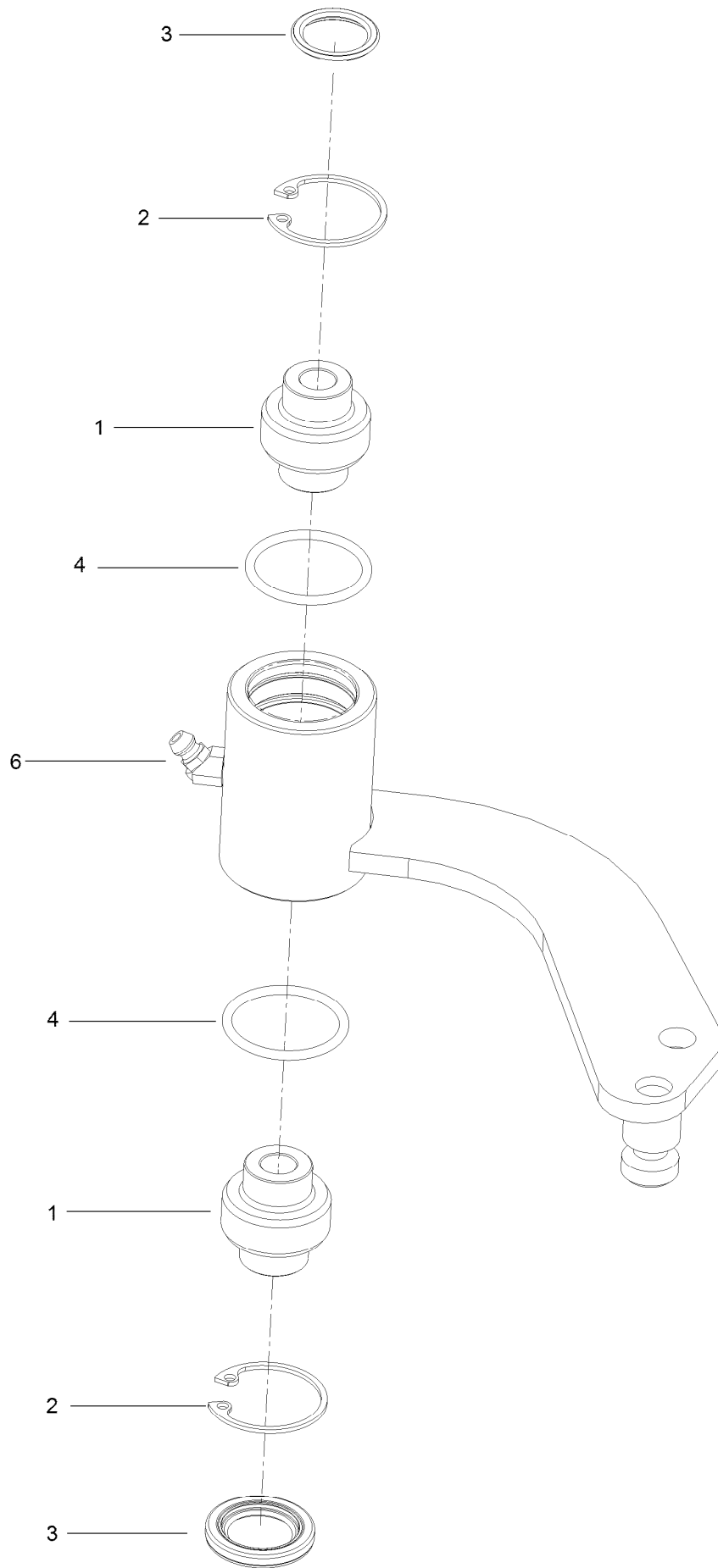


Hydraulic Pump Assembly No. 116-7836 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-5311	1	Bearing-Ball
2	103-7443	1	Cylinder Block Kit

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	121-3235	1	Bearing-Thrust, Plastic Cage
4	105-6184	1	Seal Overhaul Kit

Idler Assembly No. 103-7349

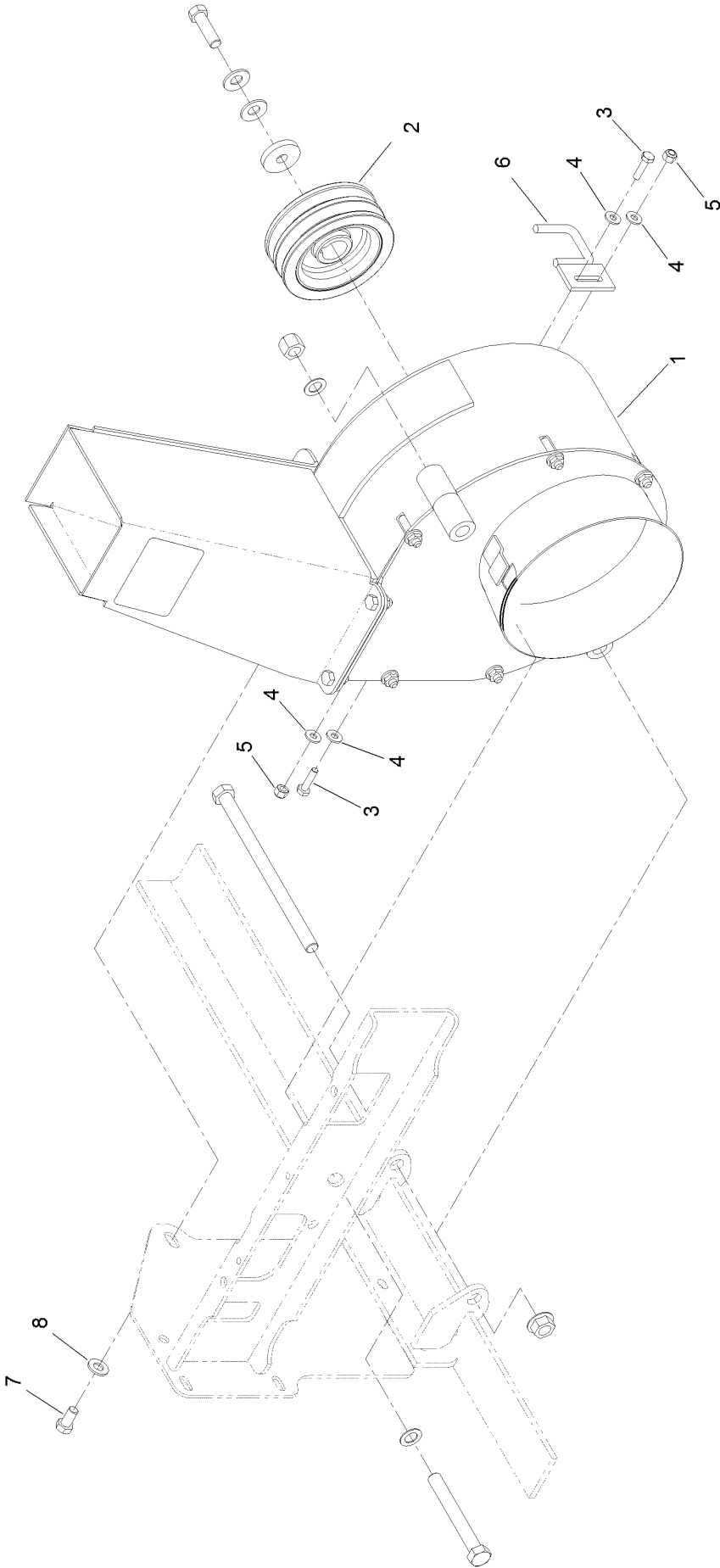


Idler Assembly No. 103-7349 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-3504	2	Bearing-Spherical
2	32120-10	2	Ring-Snap
3	103-3506	2	Seal-Lip, Single

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	106-7159	2	O-Ring
6	302-11	1	Fitting-Lube, 45 DEG

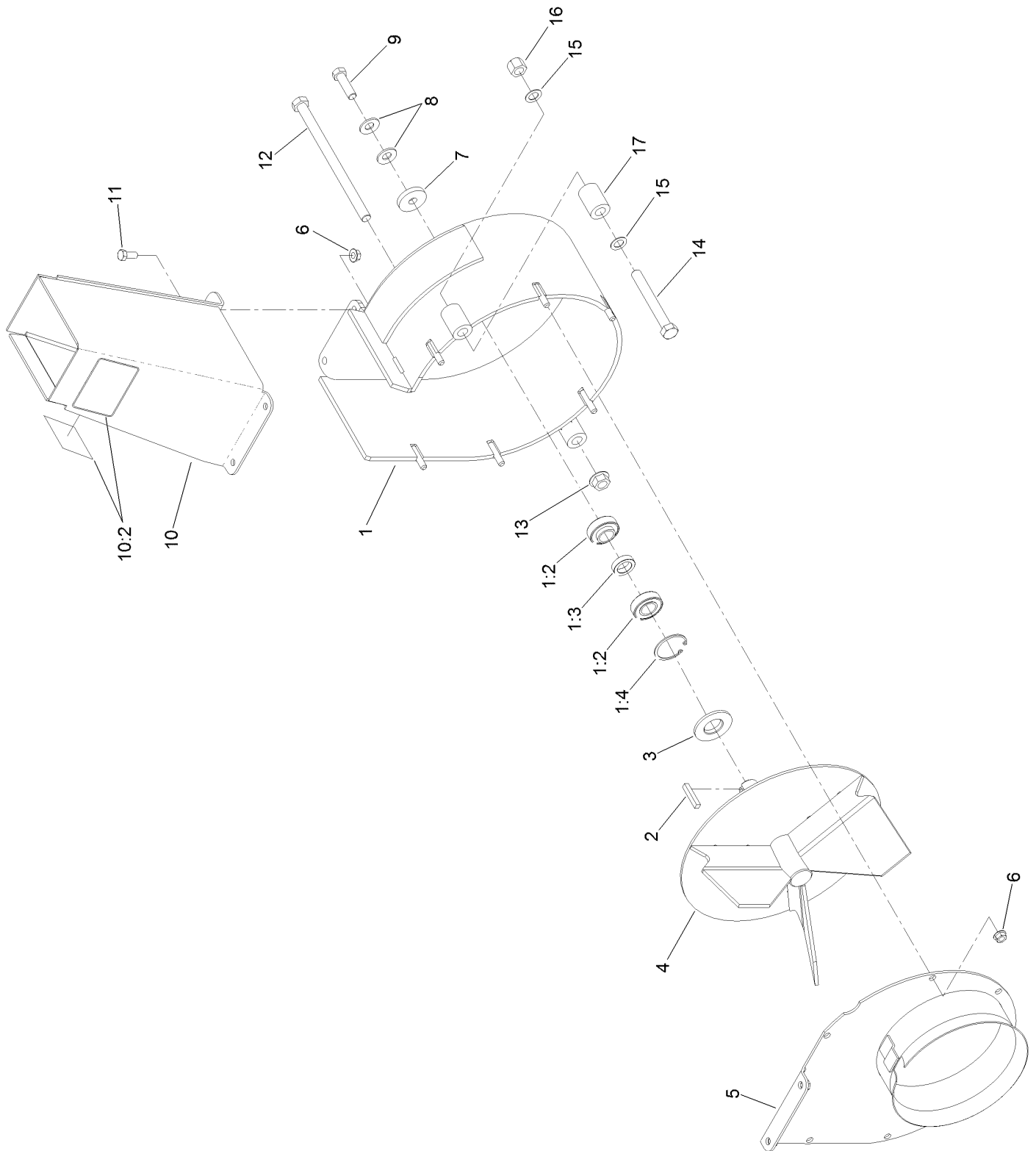
Blower Mounting Assembly



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

Blower Assembly No. 116-9649

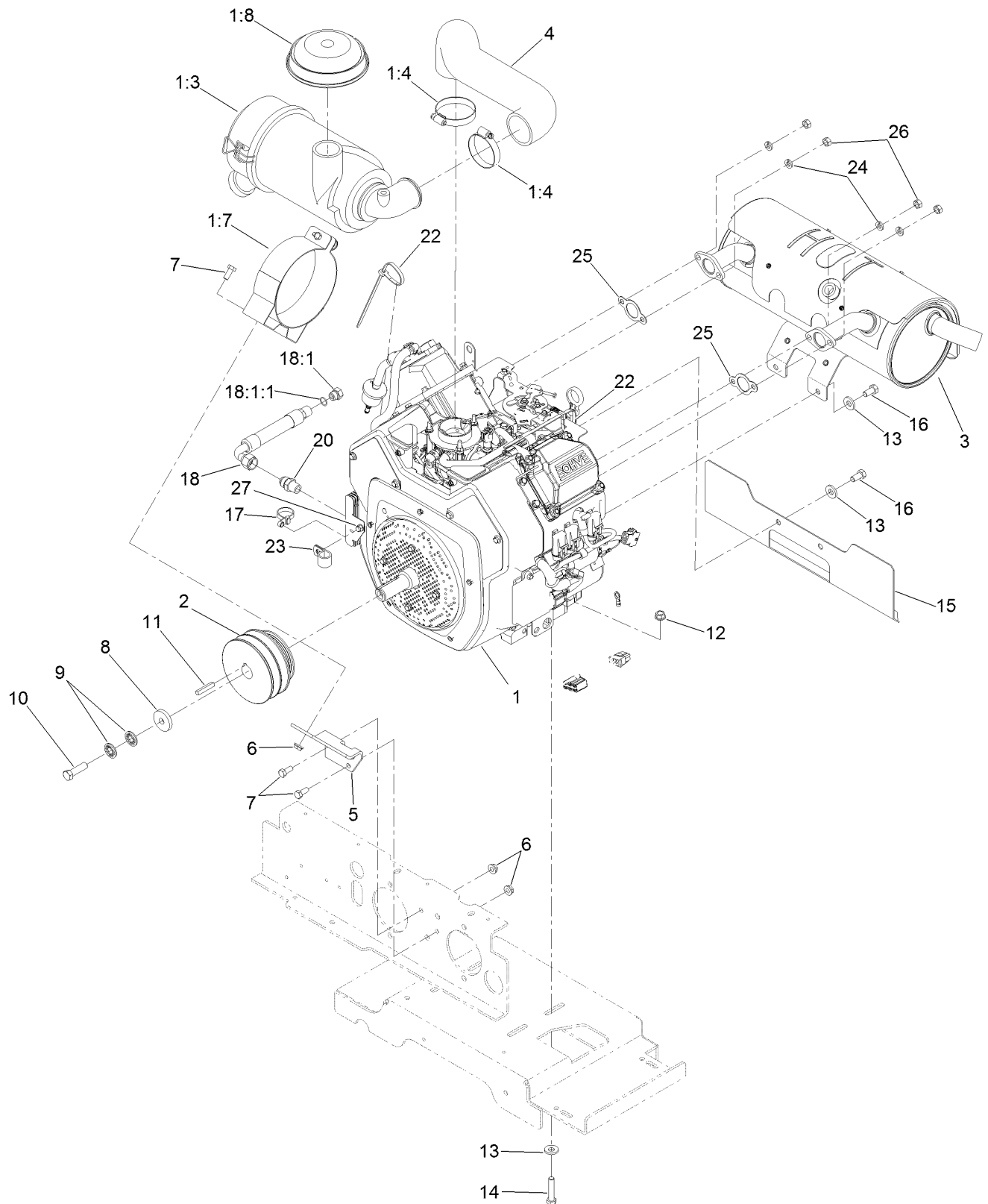


Blower Assembly No. 116-9649 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

Engine, Muffler and Air Cleaner Assembly



Engine, Muffler and Air Cleaner Assembly (continued)

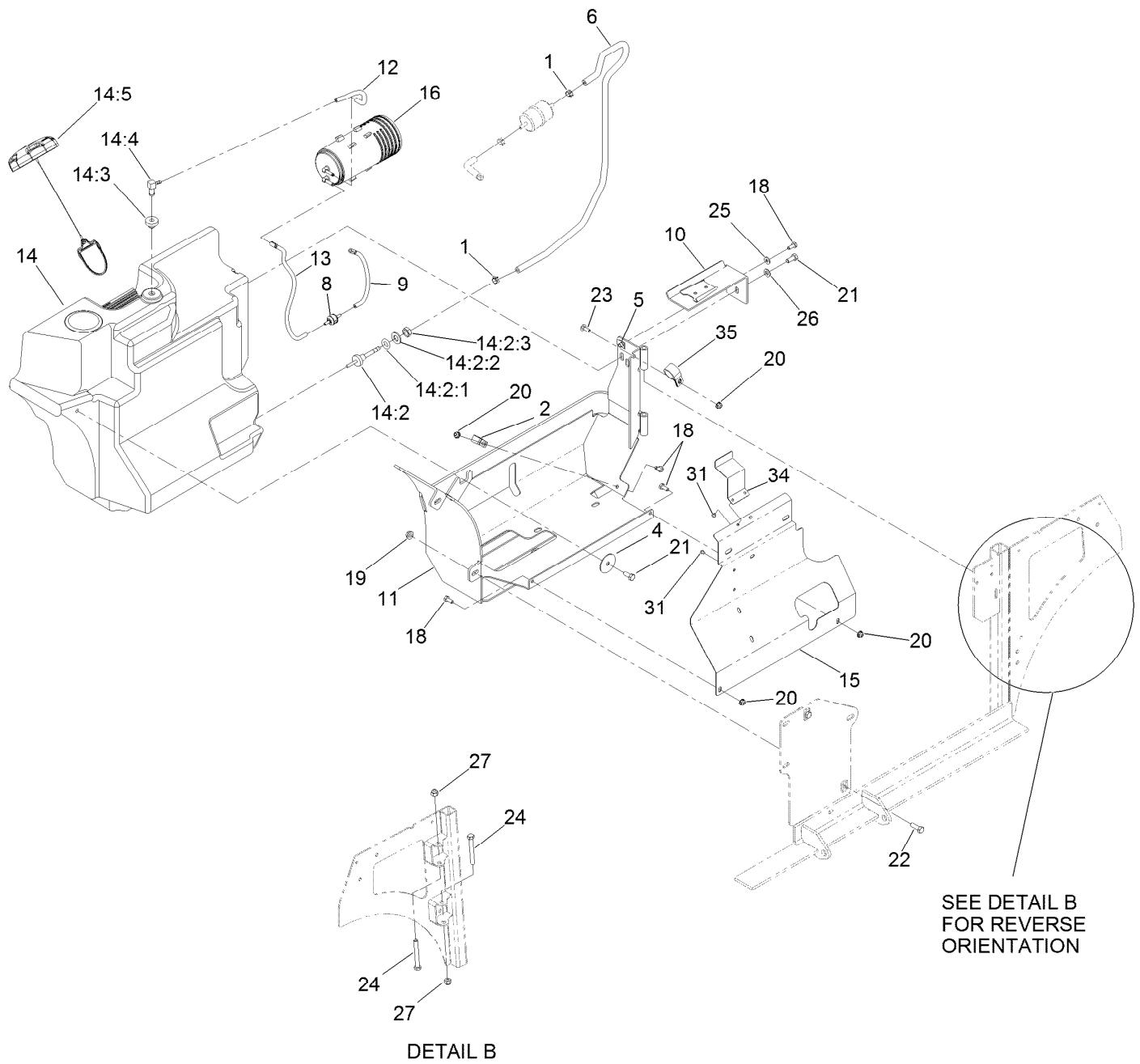
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Engine-Kohler, Ch640-3164 ●	12	3290-357	4	Nut-HHF, Whiz
1:3	103-8569	1	Air Cleaner Canister ASM	13	98-5975	8	Washer-Belleville
1:4	2412-42	2	Clamp-Hose	14	323-9	4	Screw-HH
1:7	103-1058	1	Bracket-Filter, Air	15	109-0181-03	1	Shield-Exhaust
1:8	100-2436	1	Hood	16	323-4	4	Screw-HH
2	103-6731	1	Sheave-Engine	17	109-7896	1	Tie-Cable
3	103-7444	1	Muffler	18	116-5338	1	Oil Drain Hose ASM
4	103-6961	1	Hose-Air Intake	18:1	353-508	1	Plug-HH
5	103-3695-03	1	Bracket-Air Filter	18:1:1	237-42	1	O-Ring
6	32128-20	4	Nut-HF	20	116-1455	1	Fitting-Straight ■
7	322-3	4	Screw-HH	22	1-303335	3	Tie-Plastic
8	1-543610	1	Washer-Clutch	23	1-633396	1	Clip-Loom
9	1-603610	2	Washer-Spring	24	1-805005	4	Washer-Lock
10	3212-6	1	Screw-HH ▲	25	1-653291	2	Gasket-Exhaust
11	67-7490	1	Key-Square	26	33014-00	4	Nut-Hex
				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.

Fuel Assembly



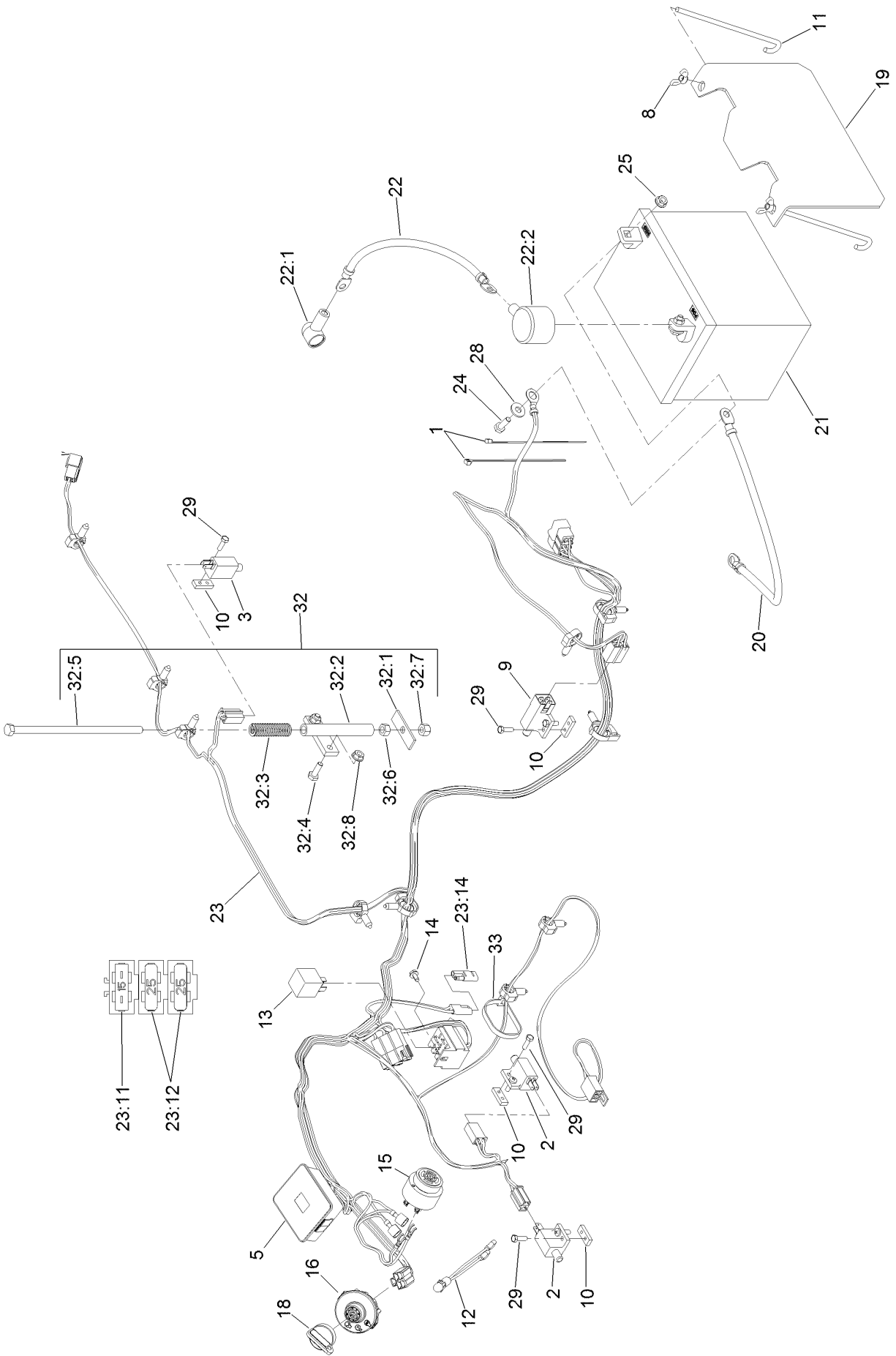
Fuel Assembly (continued)

<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	2412-98	2	Clamp-Hose	14:4	100-1596	1	Fitting-90 DEG
2	1-513762	1	Clip-Loom	14:5	120-5461	1	Cap-Fuel, Ratcheting
4	1-653036	1	Washer	15	116-7928-03	1	Panel-Tank Shield
5	107069	1	Clip	16	117-1221	1	Canister-Carbon, 800Cc
6	109-0284	1	Hose-Fuel	18	321-3	4	Screw-HH
8	115-7868	1	Valve-Check, Vacuum	19	32128-20	2	Nut-HF
9	116-2619	1	Hose-Vent, Formed	20	104-7201	4	Nut-HF
10	116-2847-03	1	Canister Bracket ASM	21	322-3	2	Screw-HH ●
11	116-2848-03	1	Tank Frame ASM	22	322-5	2	Screw-HH ■
12	116-2966	1	Hose-Vent, Formed	23	3229-1	1	Bolt-CARR
13	116-2967	1	Hose-Vent, Formed	24	323-14	2	Screw-HH
14	116-8365	1	Fuel Tank ASM	25	3256-22	1	Washer-Flat
14:2	103-6057	1	Fitting-Fuel, Bulkhead ●	26	3256-23	1	Washer-Flat
14:2:1	103-2784	1	O-Ring	27	3296-39	2	Nut-Lock, NI
14:2:2	3256-26	1	Washer-Flat	31	1-803035	2	Rivet-Pop
14:2:3	3220-5	1	Nut-Jam	34	116-4037-03	1	Bracket-Shield, Tank
14:3	46-6560	1	Bushing	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.

Electrical System Assembly



Electrical System Assembly (continued)

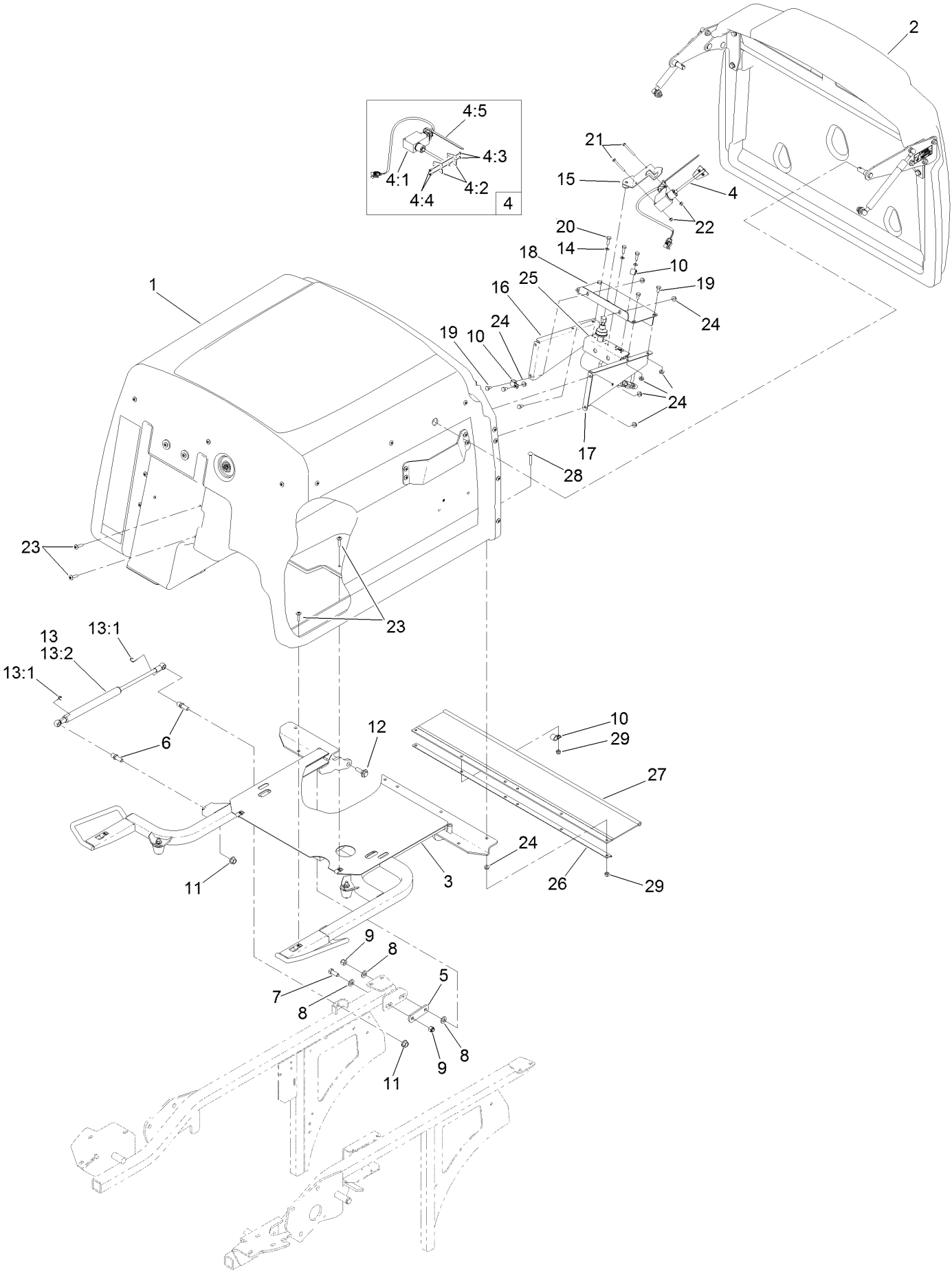
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-303287	2	Tie-Cable	23	116-9114	1	Harness-Wiring ▲
2	1-513051	2	Switch-Open, Normally	23:11	109355	1	Fuse-Blade, 15 Amp
3	1-513152	1	Switch-Closed, Normally	23:12	109102	2	Fuse-Blade, 25 Amp
5	116-8812	1	Hour Meter ASM	23:14	116-0053	1	Cap-Plug
8	1-543792	2	Wingnut	24	321-4	4	Screw-HH
9	1-633111	1	Switch	25	32128-33	4	Nut-HF
10	1-633181	4	Plate-Tapped	28	3256-2	2	Washer-Flat
11	1-633651	2	Bolt-Holddown	29	3290-134	8	Screw
12	1-643267	1	Indicator-Led, Red	32	103-8528	1	Hopper Switch Actuator ASM
13	1-643275	1	Relay	32:1	1-513180	1	Plate-Switch, Seat
14	104-2065	1	Screw-HWH	32:2	1-522424-03	1	Mount-Spring, Seat
15	103-0205	1	Alarm-Tone, Dual	32:3	1-523415	1	Spring-Switch, Seat
16	117-2221	1	Switch-Ignition	32:4	321-4	2	Screw-HH
18	63-8360	1	Key-Ignition	32:5	322-50	1	Screw-HH
19	103-4161-03	1	Hold Down-Battery	32:6	3217-6	1	Nut-Hex
20	103-8355	1	Cable-Battery, Negative	32:7	3296-29	1	Nut-Lock, NI
21		1	Battery (300 Cca, Wet) ● ■	32:8	32128-33	2	Nut-HF
22	116-4730	1	Cable-Battery, Positive	33	1-303335	4	Tie-Plastic
22:1	1-543393	1	Insulator-Solenoid				
22:2	109-2407	1	Insulator-Battery				

● Obtain locally.

■ Not serviced separately

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

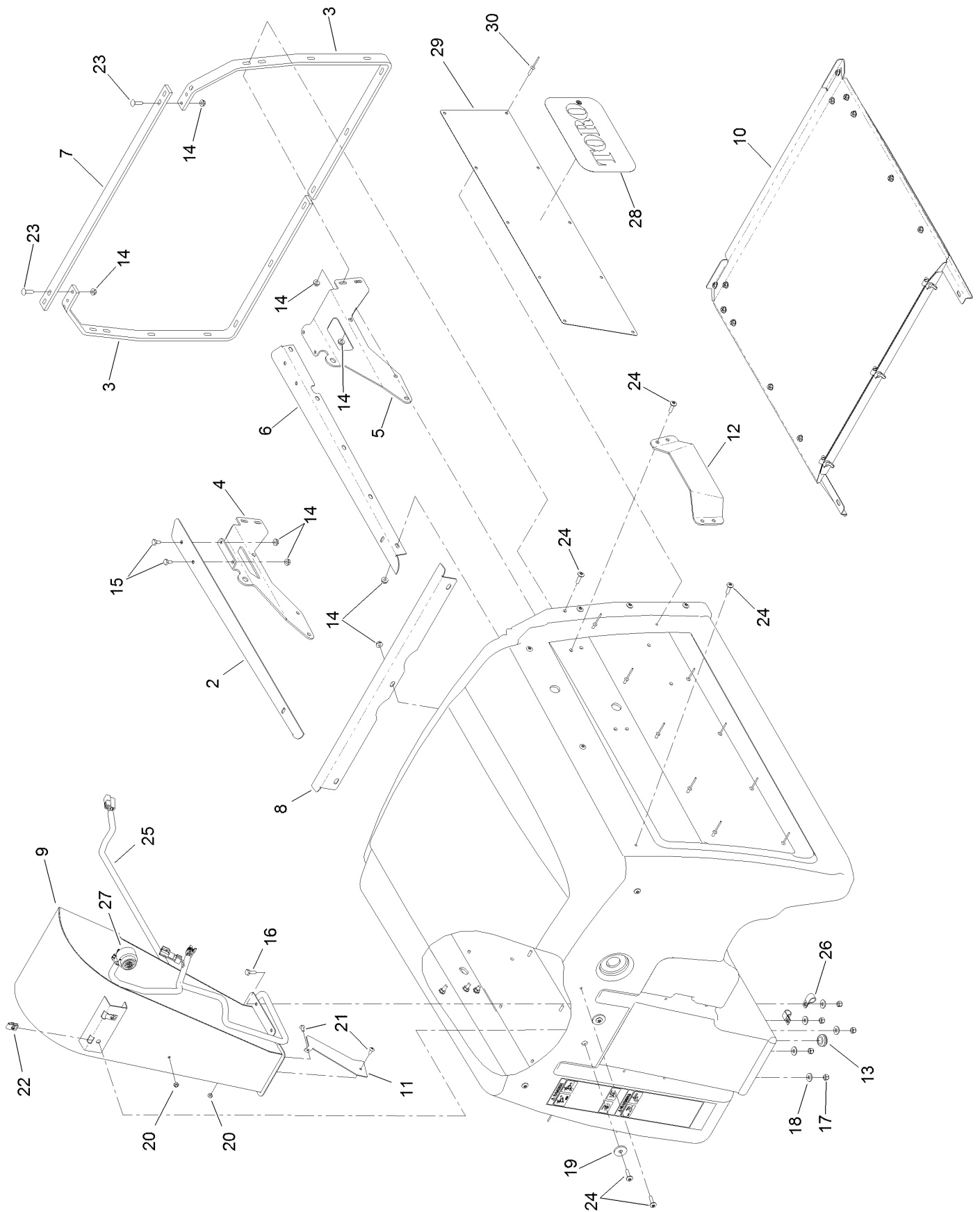
Hopper Mounting Assembly



Hopper Mounting 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	130-2872	1	Hopper ASM	13:1	103-8325	2	Clip-Retainer
2	130-2875	1	Hopper Door ASM	13:2	103-5425	1	Shock-Gas Compression
3	109-4086	1	Hopper Frame ASM	14	1-303435	3	Washer-Spring
4	116-9404	1	Fill Sensor ASM	15	109-3648	1	Mount-Switch
4:1	109-3854	1	Fill Sensor Wire Kit	16	103-6067-03	1	Bracket-Drive Motor, LH
4:2	103-8789	2	Flag-Sensor, Fill	17	103-6068-03	1	Bracket-Drive Motor, RH
4:3	3296-9	2	Nut-Lock	18	103-7085-03	1	Plate-Switch
4:4	9107622	2	Screw-Pan	19	321-2	7	Screw-HH
4:5	1-303335	1	Tie-Plastic	20	329-4	3	Screw-HH
5	1-633068	2	Arm-Lift, Deck	21	3250-48	2	Screw-PPH
6	103-5426	2	Stud-Ball	22	3296-2	2	Nut-Lock, NI
7	323-6	2	Screw-HH	23	32105-32	8	Screw-TTH
8	3256-24	6	Washer-Flat	24	32128-33	17	Nut-HF
9	3296-39	4	Nut-Lock, NI	25	103-9121	1	Motor Wiring ASM
10	1-513762	3	Clip-Loom	26	103-6022-03	1	Channel-Hopper Frame
11	33005-00	2	Nut-HF	27	103-6025	1	Deflector-Grass
12	614672	2	Bolt-Shoulder	28	3229-4	6	Screw-CARR
13	109-0716	1	Damper Kit	29	3296-42	6	Nut-Lock, NI

Hopper Assembly No. 130-2872

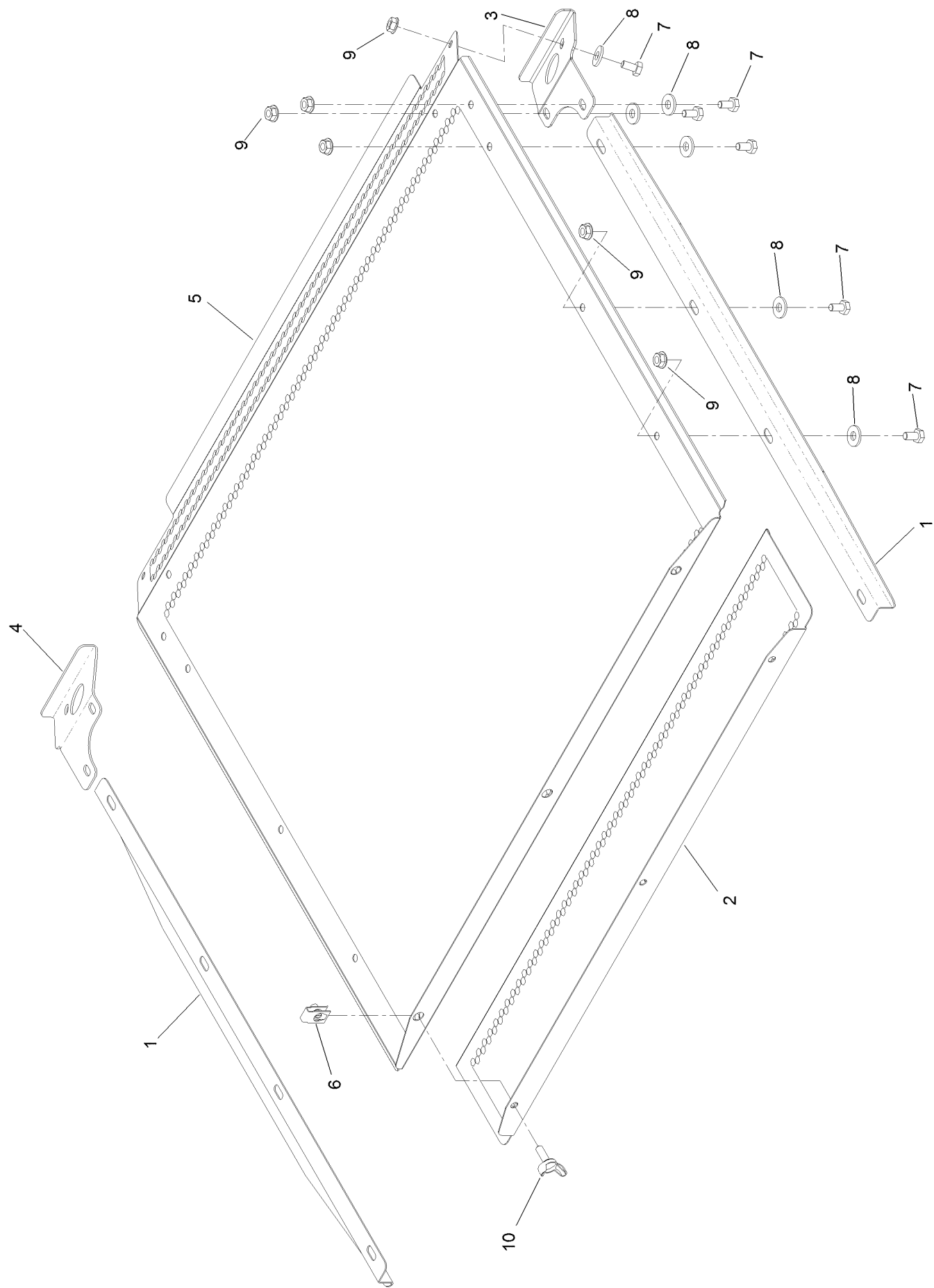


Hopper Assembly No. 130-2872 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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-HF
15	321-2	4	Screw-HH
16	321-4	5	Screw-HH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
17	3296-42	5	Nut-Lock, NI
18	3256-2	5	Washer-Flat
19	1-613235	2	Washer
20	3296-2	2	Nut-Lock, NI
21	32122-30	2	Screw-PTH
22	107069	2	Clip
23	3229-2	4	Screw-CARR
24	32105-32	27	Screw-TTH
25	103-8800	1	Harness-Wire, Hopper
26	1-513762	2	Clip-Loom
27	103-0205	1	Alarm-Tone, Dual
28	130-2885	2	Decal
29	130-2898-03	2	Plate-Hopper, Side
30	130-8451	20	Rivet-Trifold

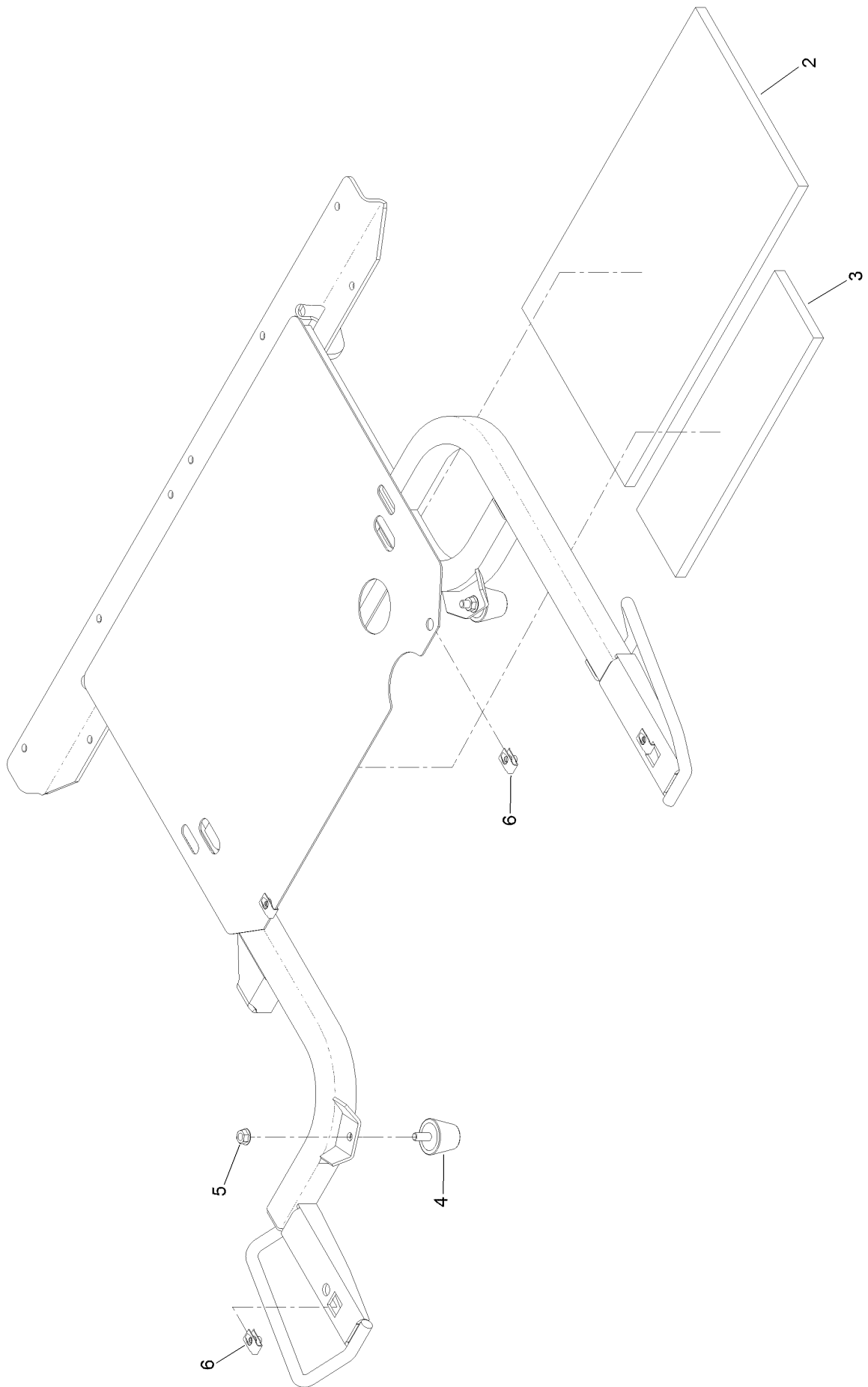
Hopper Screen Assembly No. 109-0717



Hopper Screen Assembly No. 109-0717 (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	103-8203-03	2	Guide-Screen	6	107069	3	Clip
2	103-7048-03	1	Panel-Screen, Removable	7	321-2	12	Screw-HH
3	103-7098-03	1	Handle-Screen, LH	8	3256-2	12	Washer-Flat
4	103-7099-03	1	Handle-Screen, RH	9	32128-33	12	Nut-HF
5	103-5745-03	1	Panel-Screen, Hopper	10	109-1063	3	Screw-Wing

Hopper Frame Assembly No. 109-4086

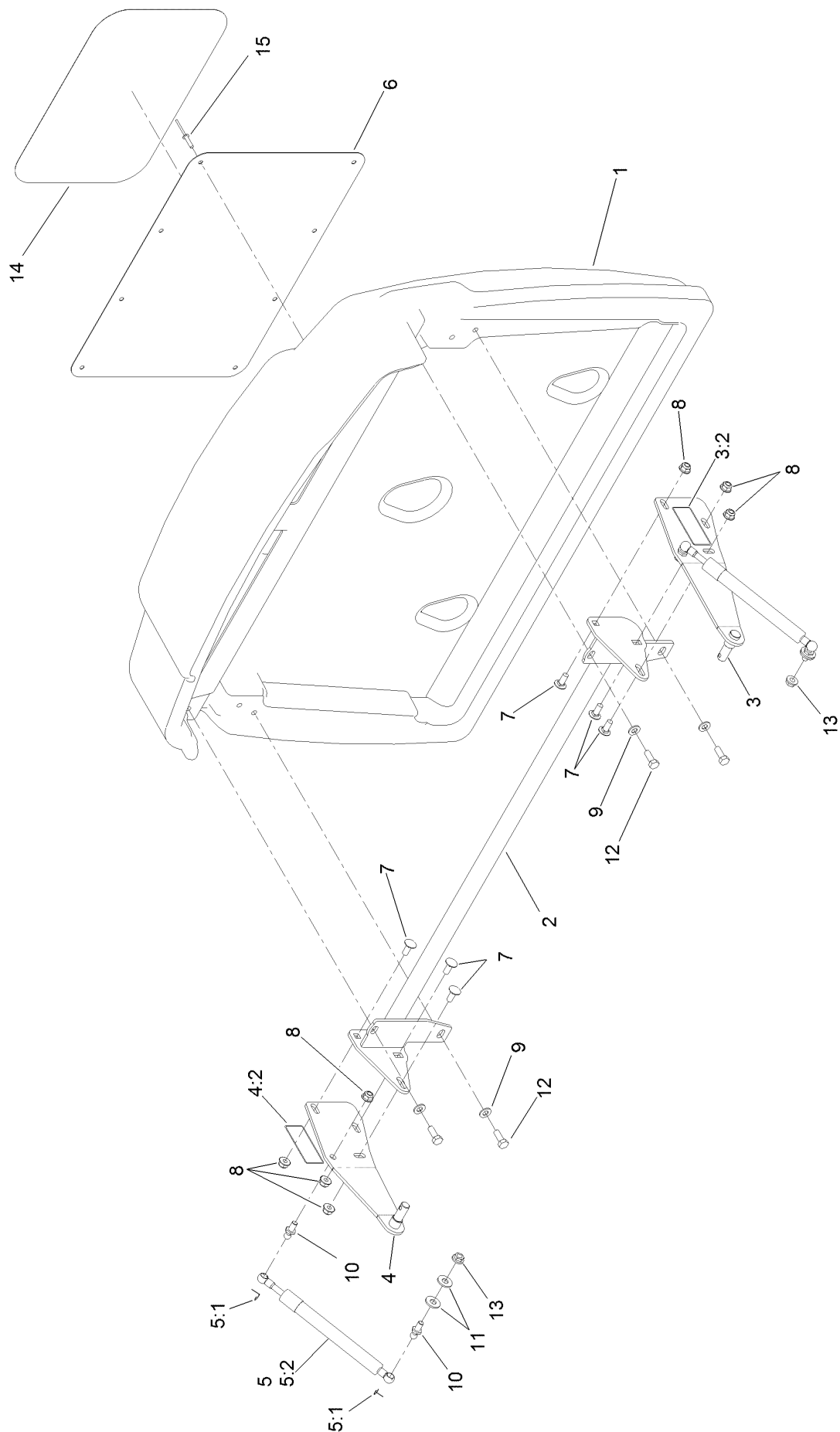


Hopper Frame Assembly No. 109-4086 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	103-7824	1	Insulation-Foam Pad, Rear
3	103-7825	1	Insulation-Foam Pad, Front
4	1-543963	2	Bumper-Rubber

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	32128-20	2	Nut-HF
6	107069	4	Clip

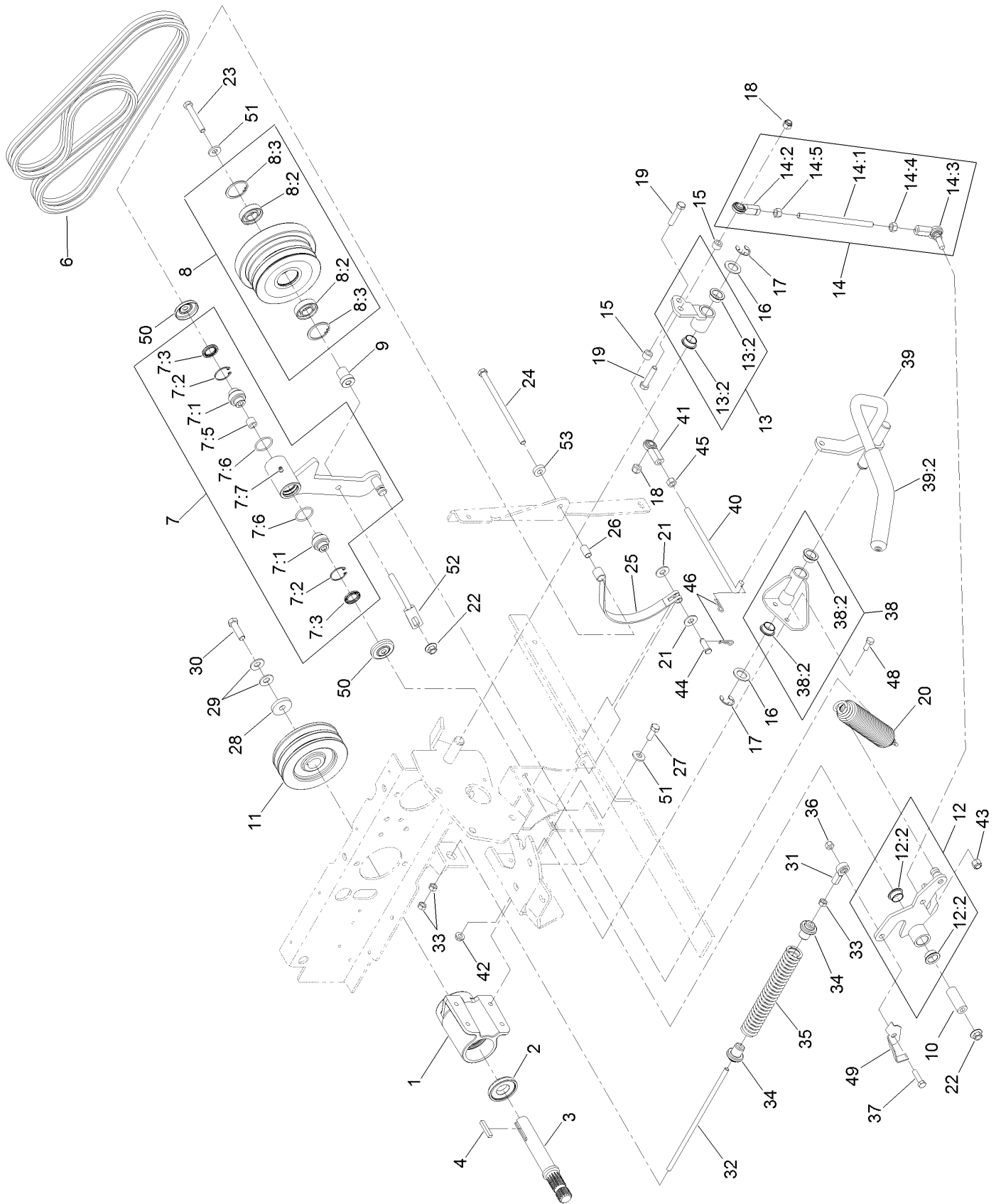
Hopper Door Assembly No. 130-2875



Hopper Door Assembly No. 130-2875 (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	130-2877	1	Door-Hopper	7	3230-23	6	Screw-CARR
2	109-4153-03	1	Support-Door	8	104-8300	8	Nut-Flange, NI
3	109-4253	1	LH Door Pivot ASM	9	3256-23	4	Washer-Flat
3:2	120-0625	1	Decal-Warning, Pinch Point	10	103-5752	4	Stud-Ball
4	109-4254	1	RH Door Pivot ASM	11	3256-3	4	Washer-Flat
4:2	120-0625	1	Decal-Warning, Pinch Point	12	322-4	4	Screw-HH
5	109-0715	2	Damper Kit	13	32128-20	2	Nut-HF
5:1	103-8324	2	Clip-Retainer	14	130-2886	1	Decal
5:2	103-5746	1	Shock-Gas Tension	15	130-8451	8	Rivet-Trifold
6	130-8450-03	1	Plate-Door, Hopper				

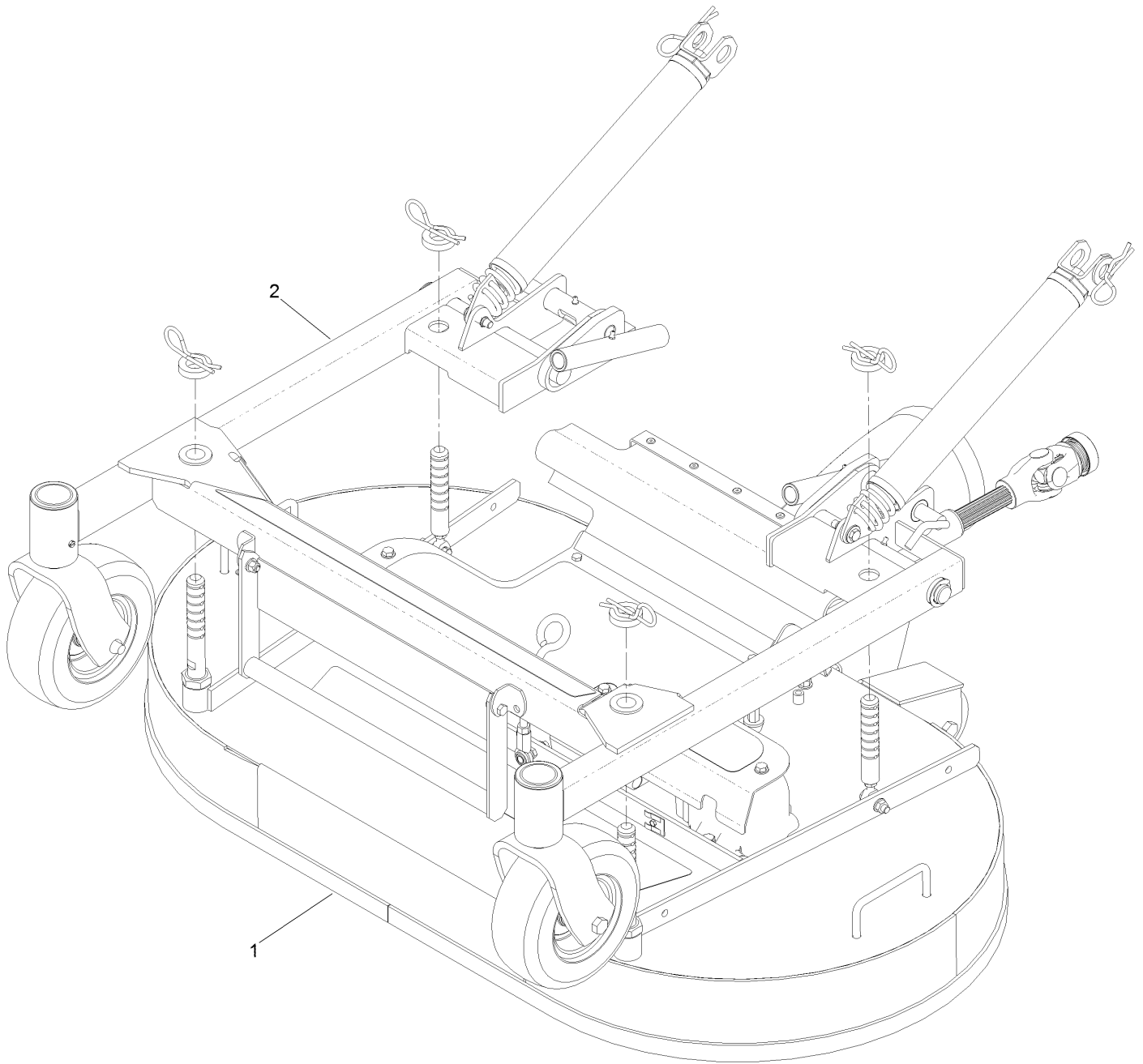
Drive Assembly



Drive 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	103-2544	1	Jackshaft ASM	21	3256-4	2	Washer-Flat
2	103-2535	1	Spacer-Guard, Bottom	22	32128-19	2	Nut-HF
3	103-6735	1	Jackshaft	23	323-12	1	Screw-HH
4	67-7490	1	Key-Square	24	323-36	1	Screw-HH
6	130-2870	1	Belts-Pair, Matched	25	103-7697	1	Band-Brake
7	103-8253	1	Idler Pivot ASM	26	103-9816	1	Spacer
7:1	103-3504	2	Bearing-Spherical	27	323-6	4	Screw-HH
7:2	32120-10	2	Ring-Snap	28	1-543610	1	Washer-Clutch
7:3	103-3506	2	Seal-Lip, Single	29	1-603610	2	Washer-Spring
7:5	1-413088	1	Bushing-Lever, Lift	30	3212-6	1	Screw-HH
7:6	106-7159	2	O-Ring	31	1-543017	1	Balljoint-RH
7:7	302-19	1	Fitting-Grease	32	103-7996	1	Linkage-Rod, PTO Brake
8	103-9439	1	Idler Sheave ASM	33	3219-2	3	Nut-Hex
8:2	251-347	2	Bearing-Ball	34	103-8254	2	Bushing-Spring
8:3	32151-13	2	Ring-Retaining	35	103-7997	1	Spring-Brake
9	103-7350	1	Spacer-Idler	36	3296-29	1	Nut-Lock, NI
10	103-7382	1	Bushing	37	322-6	1	Screw-HH
11	103-6732	1	Sheave	38	103-9295	1	Pivot ASM
12	103-9296	1	Arm ASM	38:2	108519	2	Bushing-Bronze
12:2	108519	2	Bushing-Bronze	39	103-9486	1	PTO Handle ASM
13	103-9297	1	Arm ASM	39:2	103-8153	1	Grip-Lever, Control
13:2	108519	2	Bushing-Bronze	40	103-8277	1	Link-Handle
14	103-7392	1	Clutch Link ASM	41	103-0608	1	Joint-Ball, End
14:1	103-7393	1	Rod-Linkage	42	32128-20	2	Nut-HF
14:2	103-1167	1	Joint-Ball End, LH	43	3296-6	1	Nut-Lock
14:3	103-7994	1	Balljoint-RH	44	283-2	1	Pin-Clevis
14:4	3219-3	1	Nut-Hex	45	3219-3	1	Nut-Hex
14:5	3219-20	1	Nut-Hex, LH	46	1-806003	2	Pin-Cotter
15	92-9025	2	Spacer	48	322-3	2	Screw-HH
16	1-303007	2	Washer	49	103-8716-03	1	Switch-Flag
17	32151-48	2	E-Ring	50	103-2916	2	Guard-Top
18	3296-39	2	Nut-Lock, NI	51	98-5975	5	Washer-Belleville
19	323-9	2	Screw-HH	52	109-5491	1	Guide-Belt
20	109-0148	1	Spring-Extension	53	5-0652	1	Spacer

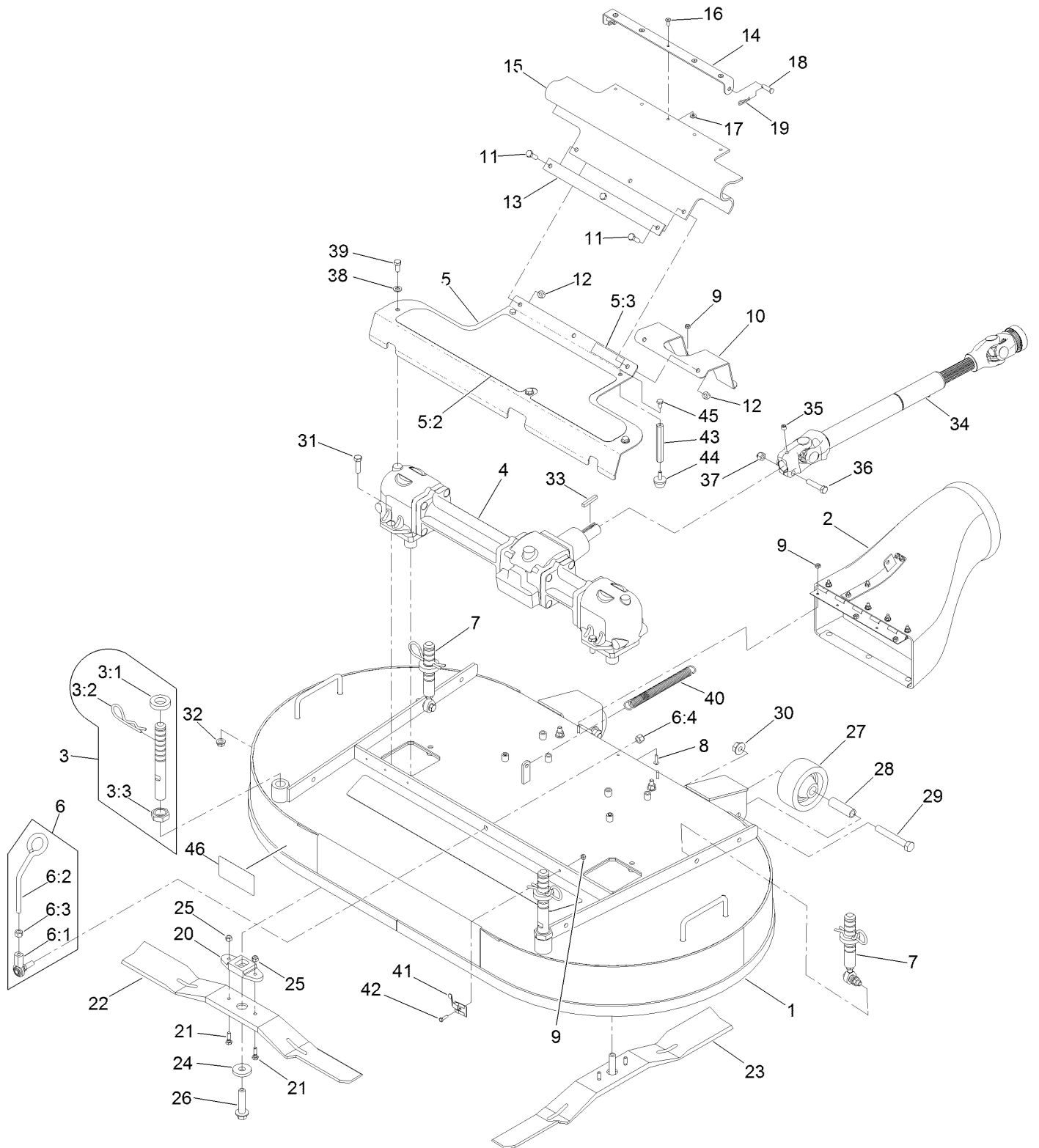
Deck Mounting Assembly



Deck Mounting Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-2890	1	Deck ASM
2	130-2892	1	Deck Frame Support ASM

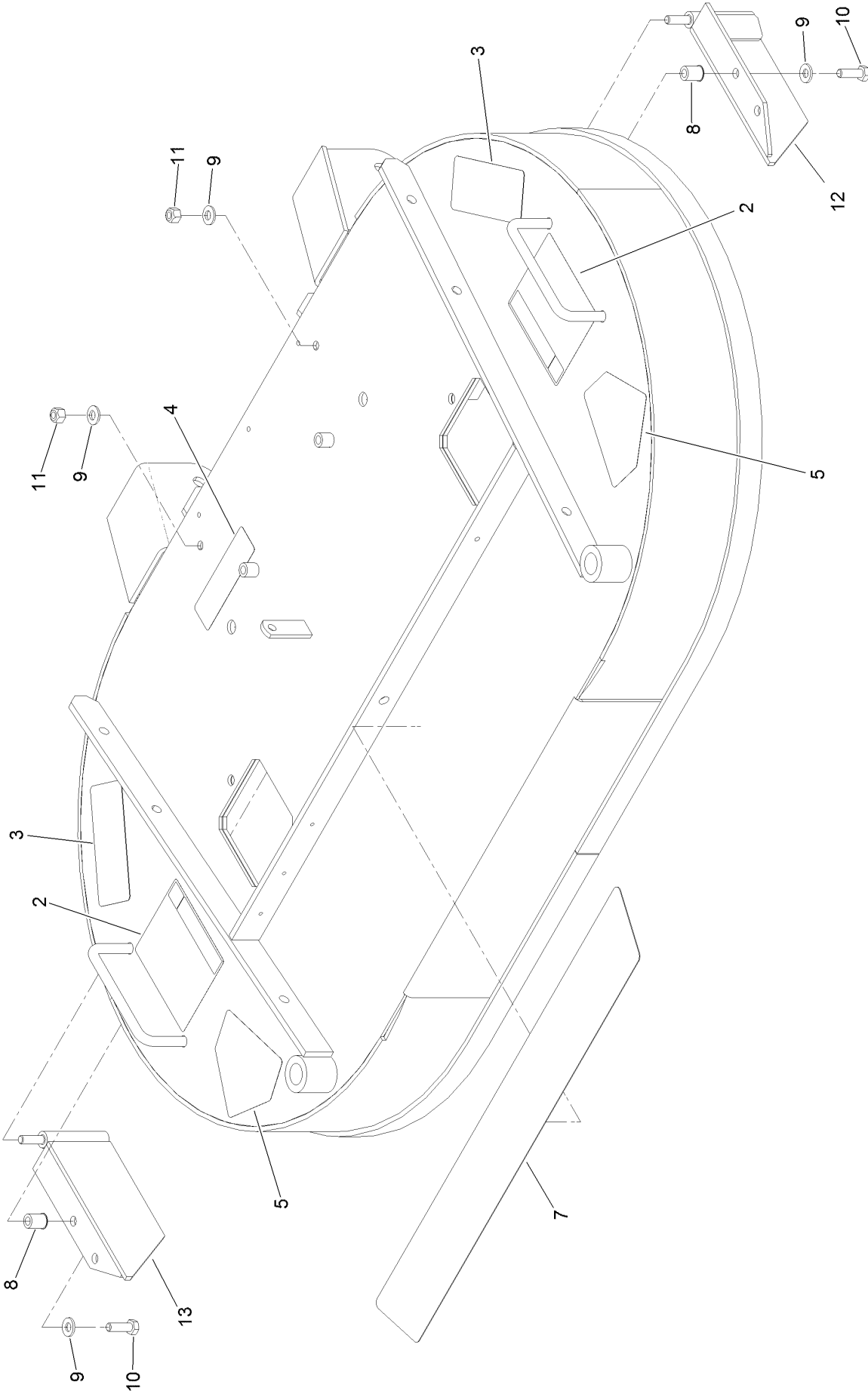
Deck, Gearbox and Driveshaft Mounting Assembly



Deck, Gearbox and Driveshaft Mounting 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	109-4373	1	Deck ASM	19	1-806003	2	Pin-Cotter
2	103-9487	1	Discharge Tube ASM	20	103-7705	2	Driver-Blade
3	109-0321	2	Front Deck Height Adjust ASM	21	99-0283	4	Bolt-Shear
3:1	1-413425	1	Spacer-Deck Support	22	130-2859	1	Blade-22In, RH
3:2	103-7353	1	Pin-Cut Height	23	130-2860	1	Blade-22In, LH
3:3	103-8496	1	Nut-Jam	24	30-8770	2	Washer
4	103-3460	1	Gearbox ASM	25	3296-42	4	Nut-Lock, NI
5	130-2894	1	Gearbox Cover ASM	26	92-5816	2	Bolt-Blade
5:2	103-8626	1	Pad-Anti Skid	27	103-3700	2	Roller-Deck
5:3	119-0217	1	Decal-Danger	28	103-4230	2	Spacer-Roller
6	103-8363	1	Deck Latch ASM	29	325-14	2	Screw-HH
6:1	103-7994	1	Balljoint-RH	30	32128-49	2	Nut-HHF
6:2	103-8307	1	Latch-Deck	31	323-7	4	Screw-HH
6:3	3219-3	1	Nut-Hex	32	3290-357	4	Nut-HHF, Whiz
6:4	3296-6	1	Nut-Lock	33	67-7490	1	Key-Square
7	109-0322	2	Rear Deck Height Adjust ASM	34	103-9485	1	Drive Shaft ASM
8	1-803075	3	Screw-Head, Truss	35	3247-2	1	Screw-Set, HSH
9	3296-2	6	Nut-Lock, NI	36	323-9	1	Screw-HH
10	116-7842-01	1	Guard-Drive Shaft	37	3296-39	1	Nut-Lock, NI
11	322-5	3	Screw-HH	38	3256-23	3	Washer-Flat
12	3296-29	3	Nut-Lock, NI	39	322-3	3	Screw-HH
13	103-6290-03	1	Strap-Drive, Line Cover	40	103-8841	1	Spring-Extension
14	103-6183-03	1	Bracket-Guard, PTO	41	1-513690	1	Clip-Deck, Hold Up Rod
15	103-5979	1	Guard-PTO	42	3290-134	1	Screw
16	114439	5	Rivet-Pop	43	103-8610	2	Stand-Off
17	3256-14	5	Washer-Flat	44	1-523420	2	Bumper
18	1-808280	2	Pin-Clevis	45	321-2	2	Screw-HH
				46	130-2888	1	Decal

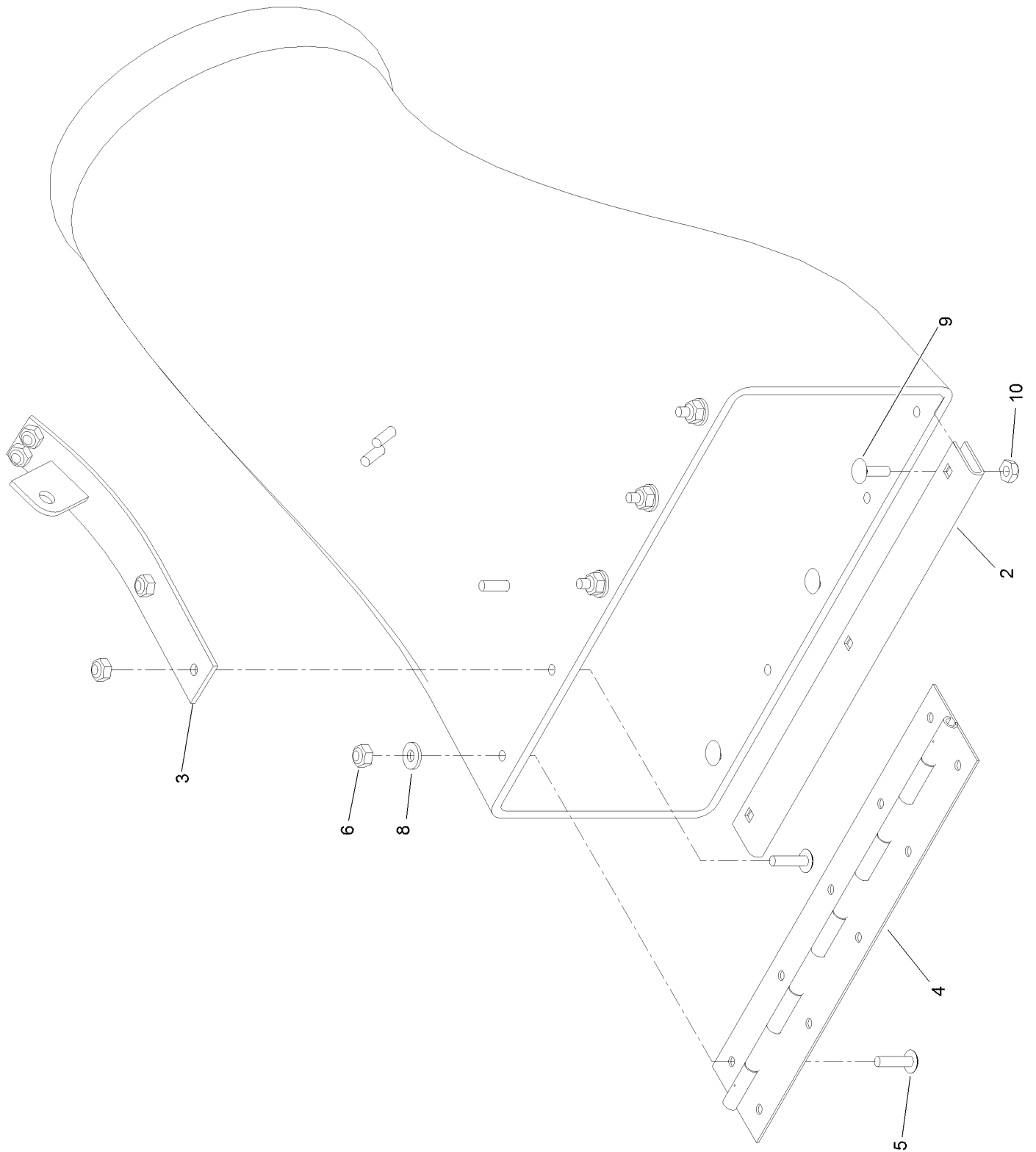
Deck Decal Assembly No. 109-4373



Deck Decal Assembly No. 109-4373 (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	116-8934	2	Decal-Cutting Height Adj	9	1-303334	4	Washer-Spring
3	93-7818	2	Decal-Torque, Blade Bolt	10	322-5	2	Screw-HH
4	112-9028	1	Decal-Cover Missing	11	3296-29	2	Nut-Lock, NI
5	112-8760	2	Decal-Danger	12	109-4053-01	1	Baffle-LH
7	103-8667	1	Pad-Anti Skid	13	109-4054-01	1	Baffle-RH
8	32148-7	4	Nut-Insert				

Discharge Tube Assembly No. 103-9487

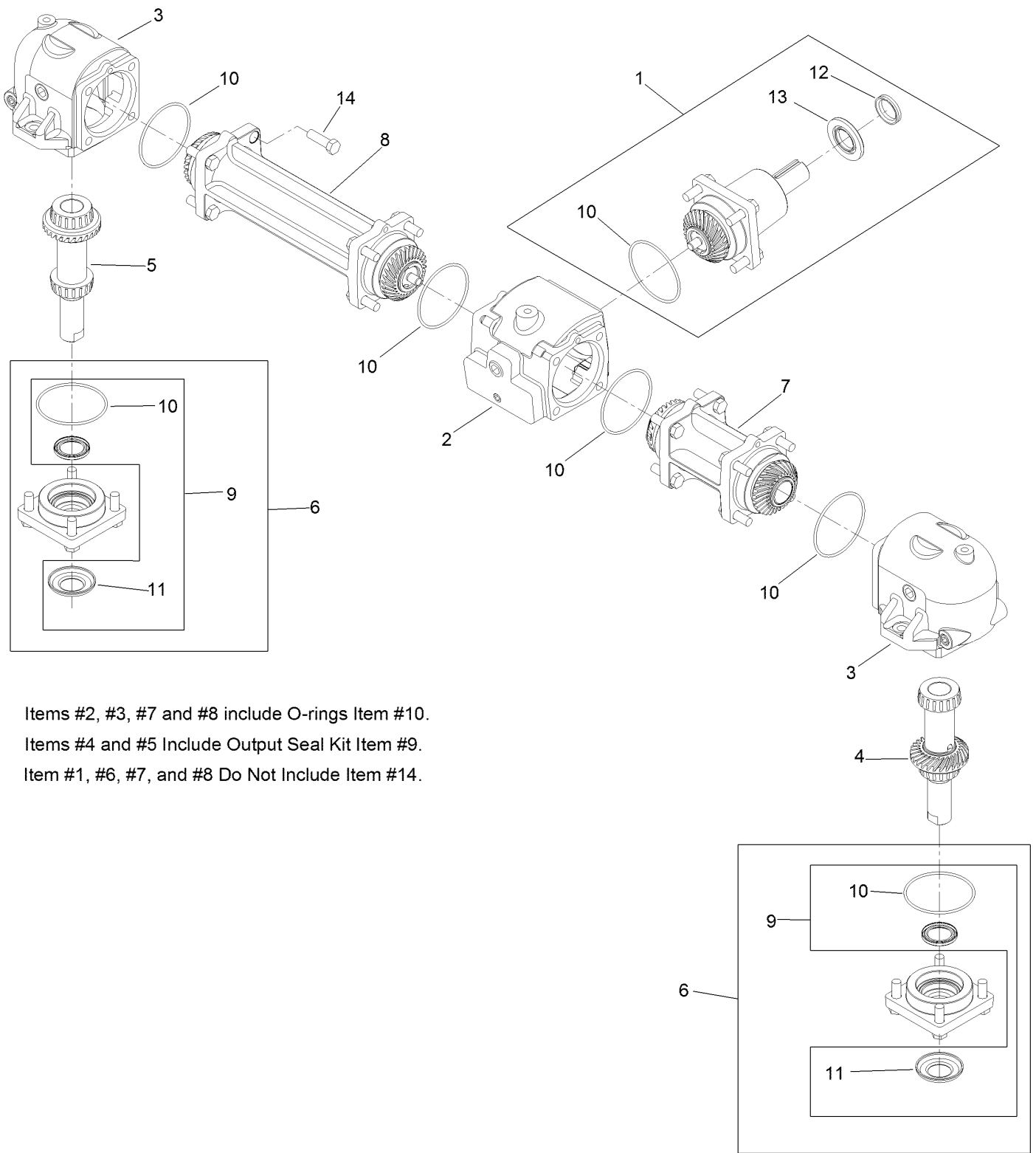


Discharge Tube Assembly No. 103-9487 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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



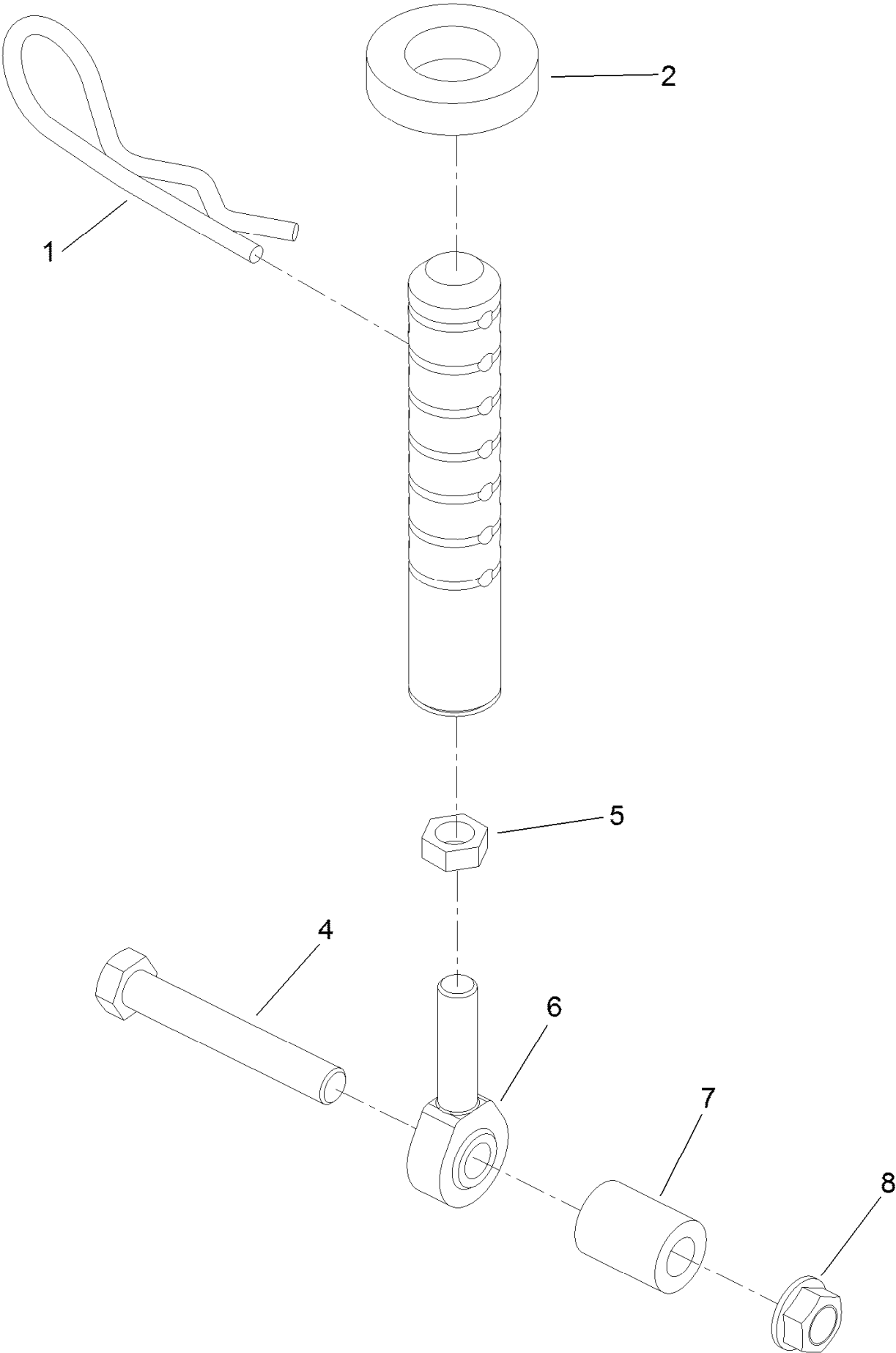
Items #2, #3, #7 and #8 include O-rings Item #10.
 Items #4 and #5 Include Output Seal Kit Item #9.
 Item #1, #6, #7, and #8 Do Not Include Item #14.

Gearbox Assembly No. 103-3460 (continued)

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



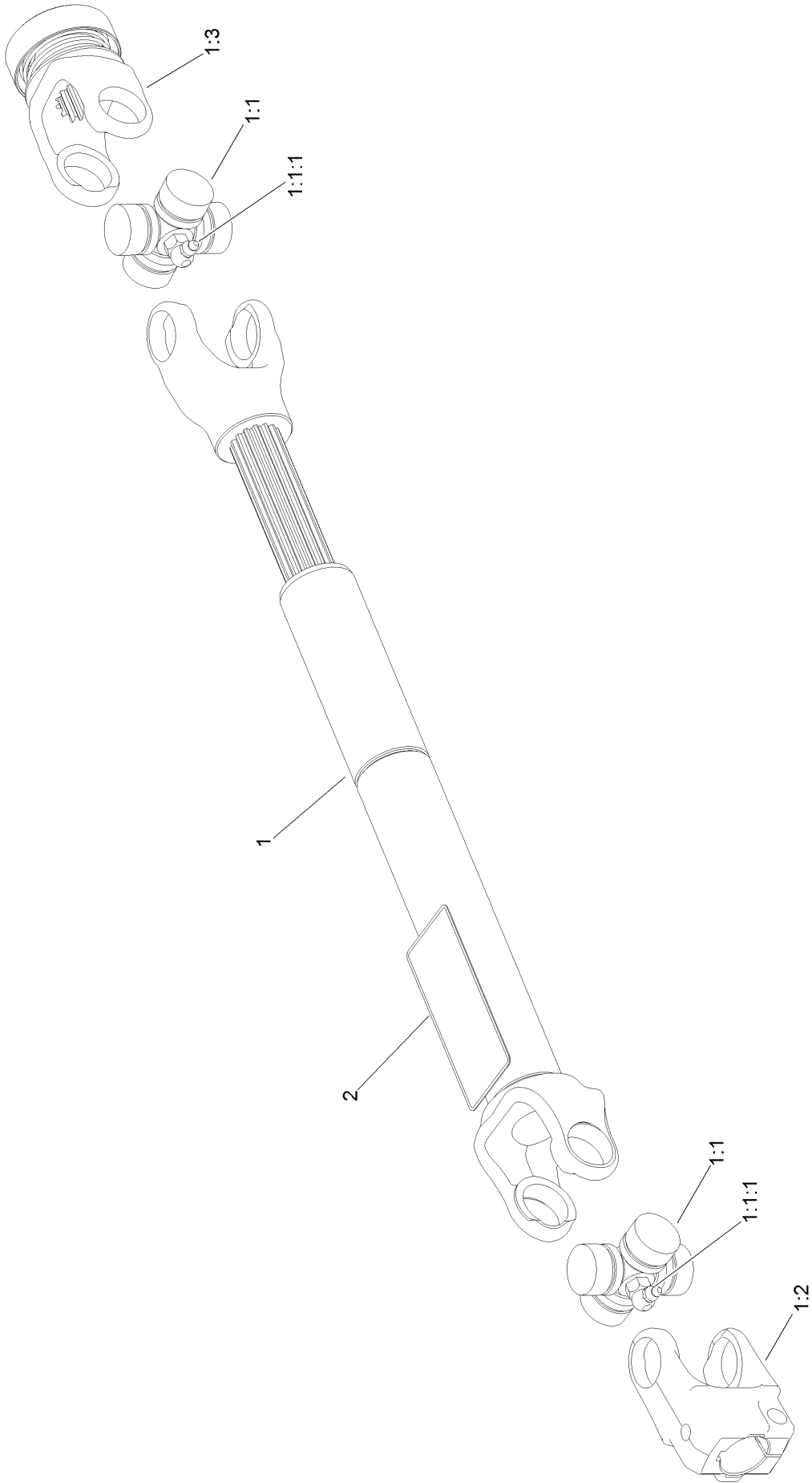
Rear Deck Height Adjustment

Assembly No. 109-0322 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	1-613204	1	Balljoint
7	106-5620	1	Tube-Interlock
8	3290-357	1	Nut-HHF, Whiz

Drive Shaft Assembly No. 103-9485



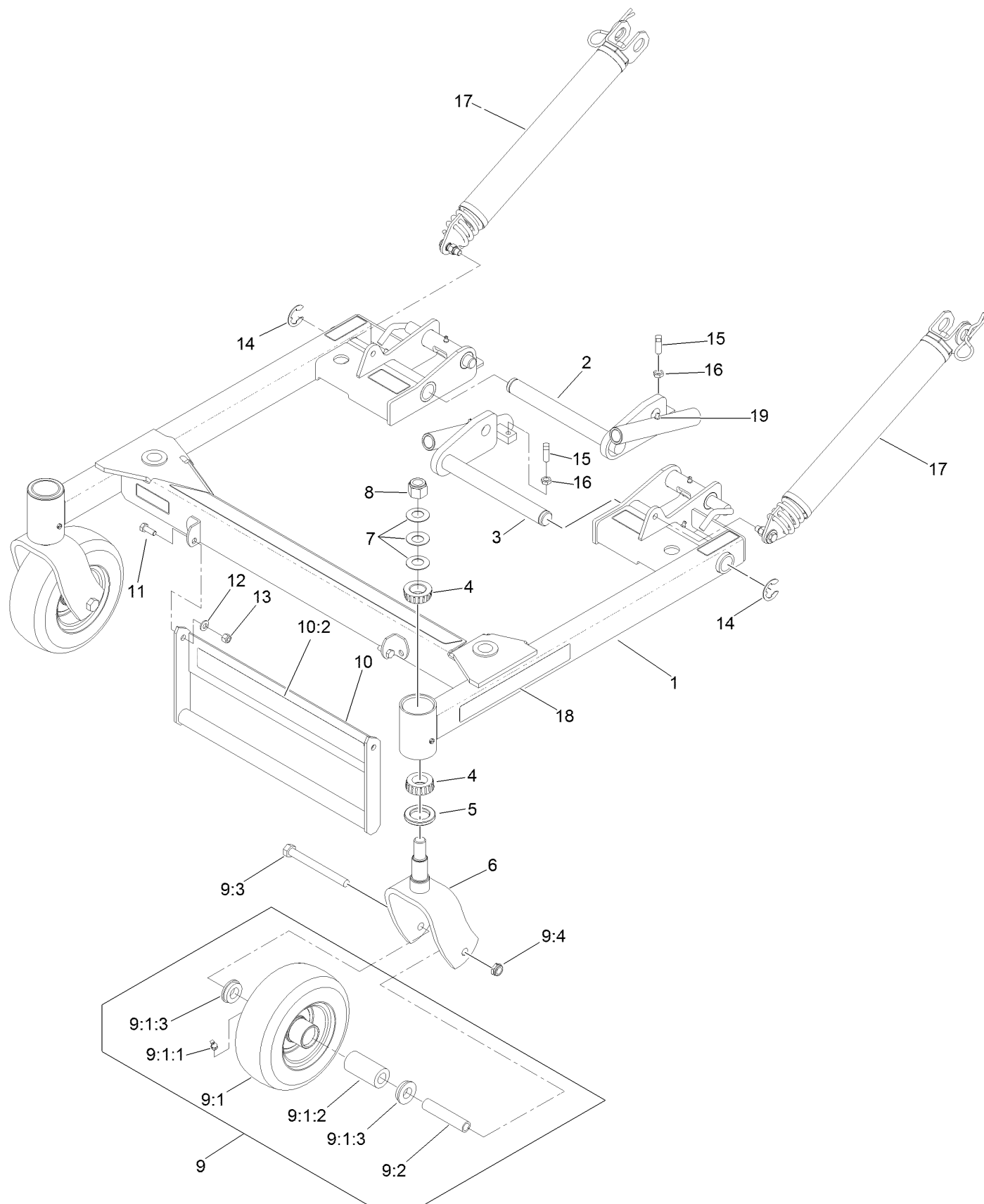
Drive Shaft Assembly No. 103-9485 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Drive Shaft-Telescoping ●
1:1	54-9180	2	U-Joint Kit
1:1:1	62-3820	1	Fitting-Grease

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:2	103-9328	1	Yoke-Keyed
1:3	103-9329	1	Yoke-Quick Disconnect
2	116-9049	1	Decal-Danger Driveline

● Not serviced separately

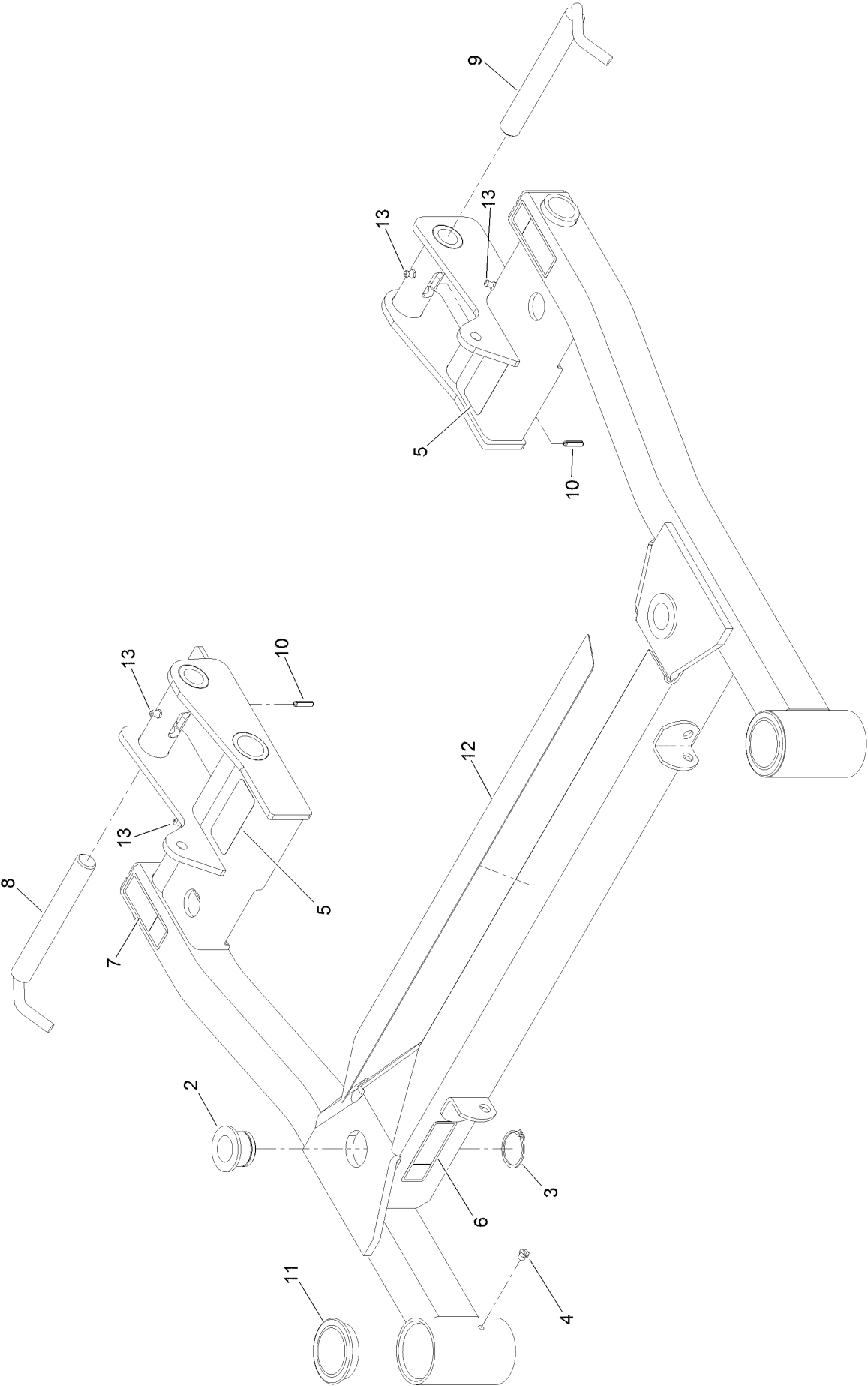
Deck Support Frame Assembly No. 130-2892



Deck Support Frame Assembly No. 130-2892 (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	103-9481	1	Deck Support ASM	9:3	325-19	1	Screw-HH
2	103-3729-01	1	Pivot-Deck, RH	9:4	3296-45	1	Nut-Lock, NI
3	103-3732-01	1	Pivot-Deck, LH	10	130-2897	1	Deck Lift Handle ASM
4	1-543509	4	Bearing-Roller, Tapered	10:2	130-2883	1	Decal
5	1-543511	2	Seal-Grease	11	322-4	2	Screw-HH
6	109-1933-01	2	Fork-Caster	12	1-303334	2	Washer-Spring
7	1-633508	6	Washer-Bellville	13	3296-29	2	Nut-Lock, NI
8	3296-51	2	Nut-Lock, NI	14	1-808519	2	Ring-Snap
9	130-2867	2	Wheel And Axle ASM	15	3243-5	2	Screw-Set, SQH
9:1	130-2866	1	Wheel And Tire	16	3218-3	2	Nut-Jam
9:1:1	302-61	1	Fitting-Grease	17	116-7850	2	Lift Assist Spring ASM
9:1:2	103-4588	1	Bearing-Roller, Straight	18	130-2884	2	Decal
9:1:3	1-513810	2	Bushing	19	302-19	2	Fitting-Grease
9:2	109-2094	1	Spacer-Caster, Front				

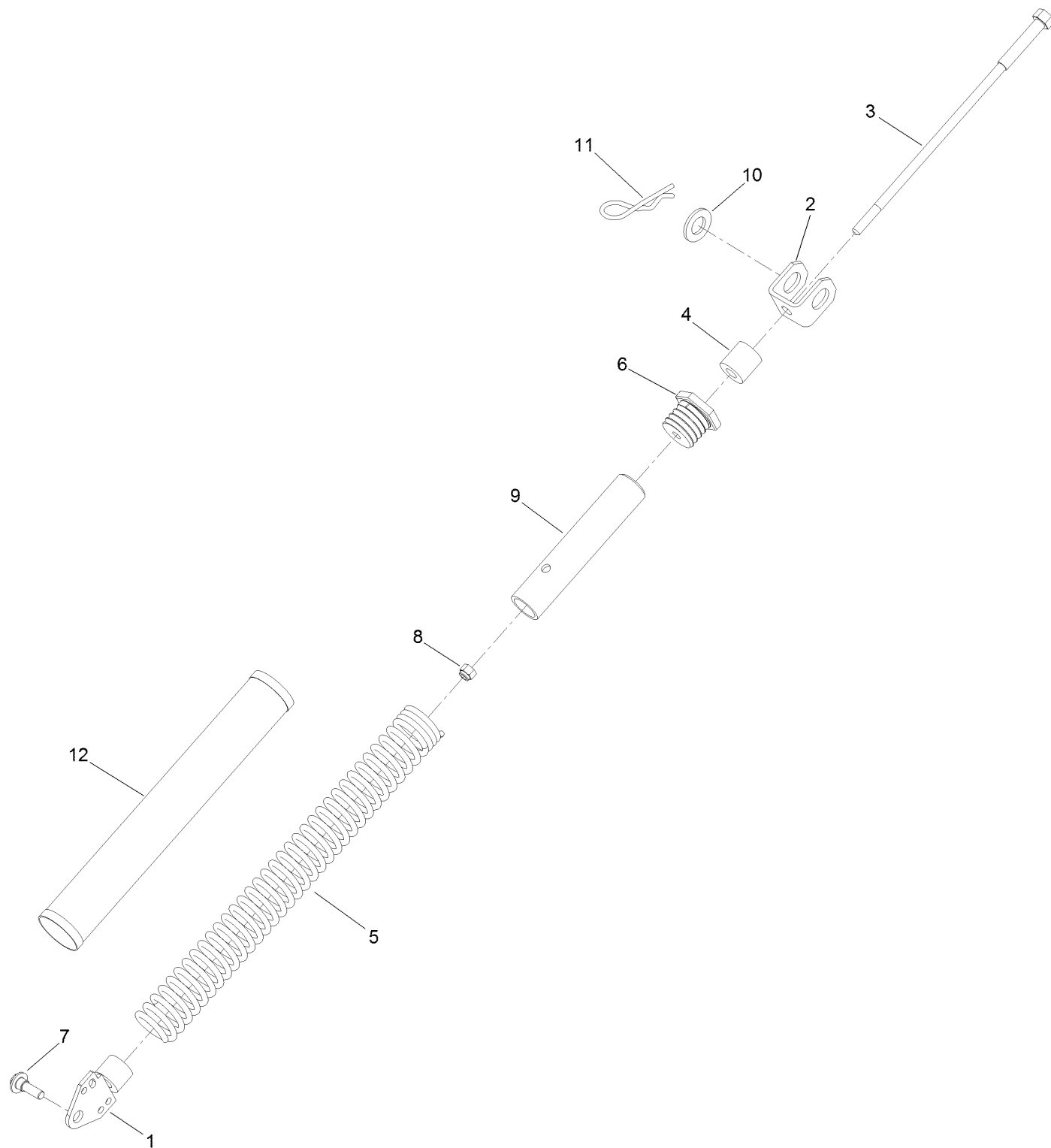
Deck Support W/Decals Assembly No. 103-9481



Deck Support W/Decals Assembly No. 103-9481 (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	103-7436	2	Bushing-Support, Deck	8	103-4119	1	Lock-Deck, RH
3	32120-33	2	Ring-Retaining	9	103-4118	1	Lock-Deck, LH
4	1-811010	2	Plug	10	32121-3	2	Pin-Spring
5	93-6696	2	Decal-Warning	11	103-4882	2	Cap-Grease
6	116-8936	1	Decal-Danger	12	103-8667	1	Pad-Anti Skid
7	116-8935	2	Decal-Warning, Folding Deck	13	302-19	4	Fitting-Grease

Spring Lift Assist Assembly No. 116-7850



Spring Lift Assist Assembly No. 116-7850 (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	103-4284	1	Tensioner-Spring	7	614672	1	Bolt-Shoulder
2	103-4285	1	Mount-Lift Assist, Deck	8	3296-39	2	Nut-Lock, NI
3	103-3773	1	Shaft-Adjustment, Spring	9	103-7865	1	Spring-Tube
4	109-1978	1	Spacer	10	3256-28	1	Washer-Flat
5	103-4281	1	Spring-Extension	11	103-7353	1	Pin-Cut Height
6	103-3772	1	Plug-Adjuster, Spring	12	103-7971	1	Cover-Spring, Deck

Attachments and Accessories

For 74310 Z Master 8000 Series Riding Mower with 42in Direct-Collect Cutting Unit

Product Name	Model/Part
Winter Hydraulic Filter	1-633752
Hypr-Oil 500 (quart)	114-4713
Hypr-Oil 500 (gallon).....	114-4714
Hypr-Oil 500-5 (5 gallon).....	114-4715
Dual Split Caster Kit.....	130-8455
Removable Grass Tubs Kit	130-8457
Hopper Power Dump Kit	130-8458
ROPS Kit	130-8459
Mulch Kit.....	130-8460
22in LH Mulching Blade	130-8461
22in RH Mulching Blade	130-8462
MVP Kit.....	130-8467
Light Kit.....	130-8469
Automatic Door Opener Kit	130-8470
Suspension Seat Kit	130-8471

Notes:

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Count on it.