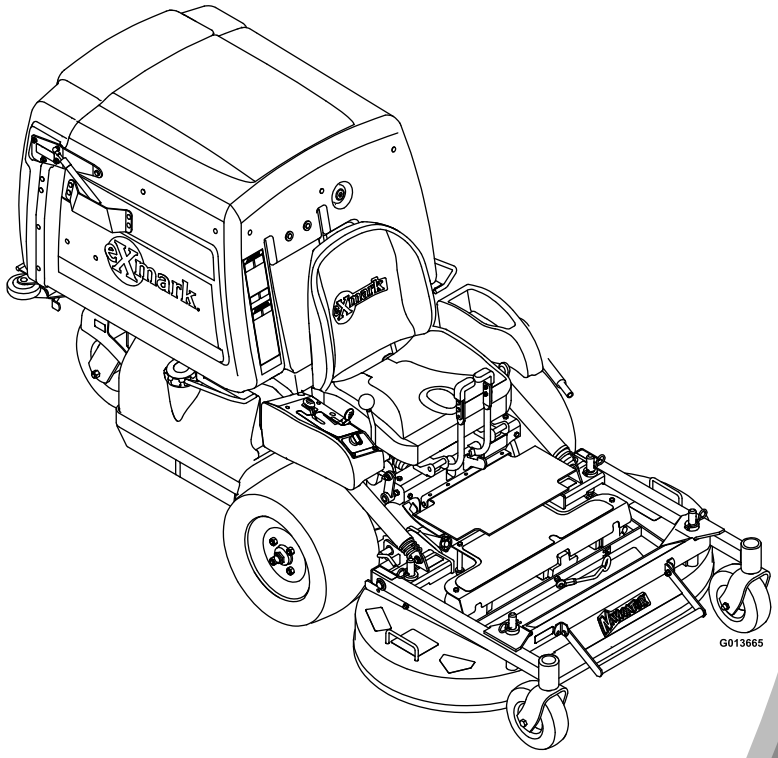
Parts Manual

NAVIGATOR®

Model No. NV640KC—Serial No. 312000000 and Up

Picture below may not reflect actual product.



Part No. 4500-989 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

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: Liquid Propane

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

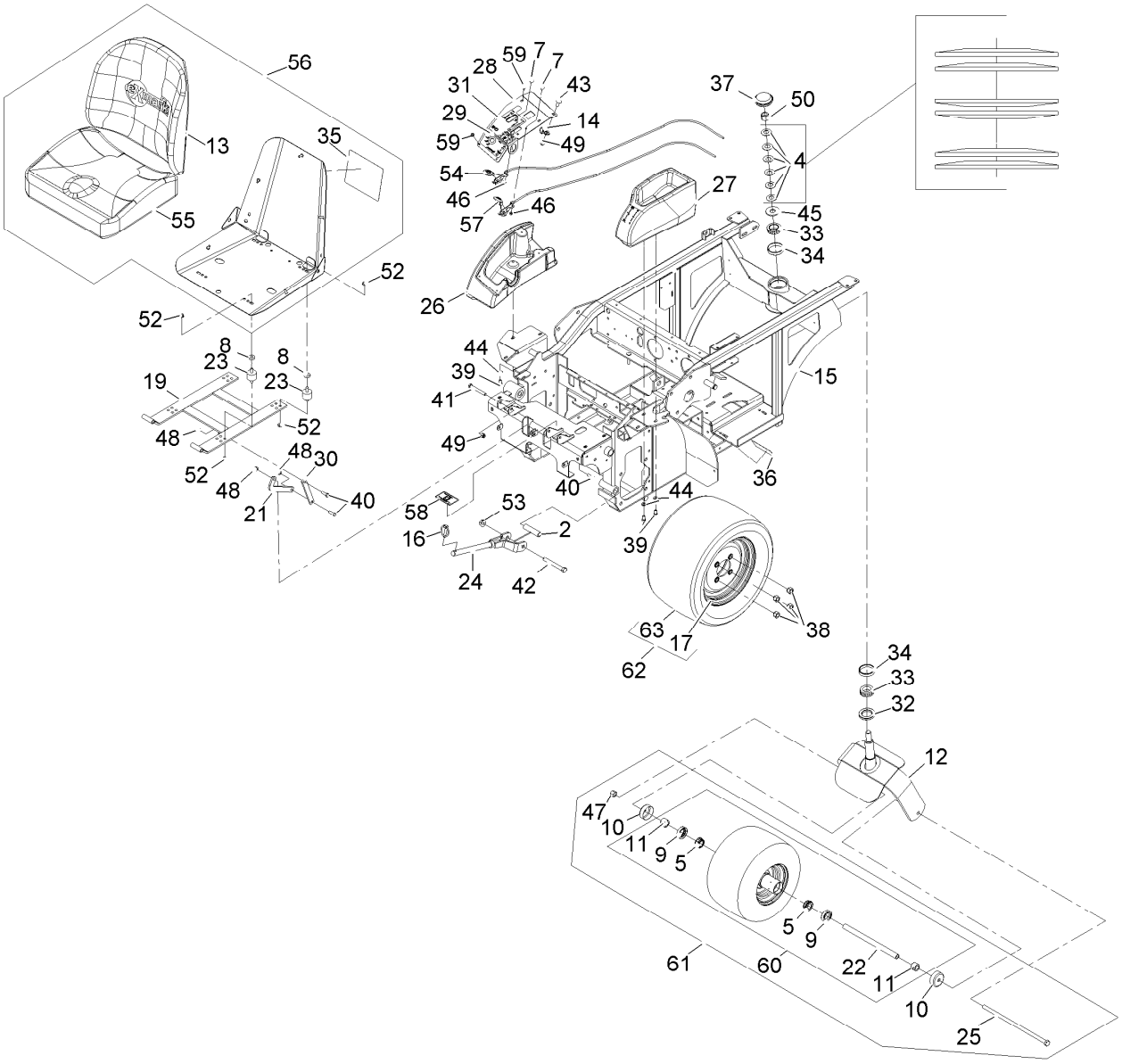
Contact us at www.Exmark.com.
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

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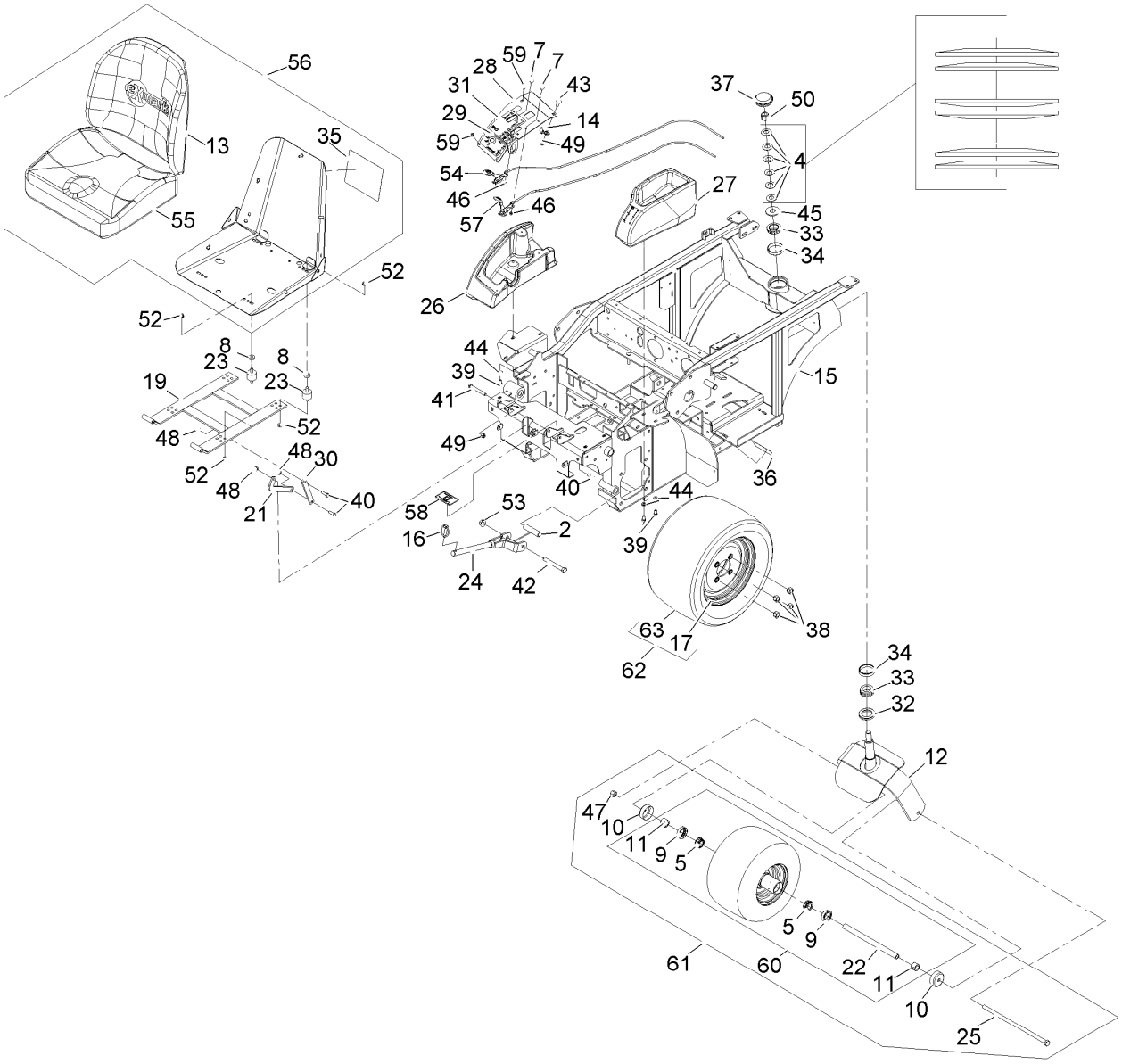


Seat, Tires and Consoles Assembly

Ref.	Part Number	Qty.	Description
2	1-633060	2	Spacer-Wheel, Short
4	1-633508	6	Washer-Spring Disc
5	1-633585	2	Bearing-Cone Tapered Roller
7	1-807513	4	Bolt-Carriage #10-24 X 1/2
8	5-0652	4	Spacer
9	103-0063	2	Seal-Double Lip
10	103-2768	2	Guard-Seal
11	103-3051	2	Spacer-Nut ■
12	103-3351-03	1	Wld, Rear Caster Fork
13	116-3738	1	Cushion,Seat Back
14	1-643312	1	Clip-Loom
15	116-4850	1	Asm, Mainframe W/Decals
16	103-4155	2	Pin-Lynch
17	103-4318	2	Asm, Wheel
19	103-4362-03	1	Wld, Seat Frame Std
21	103-5181	1	Link-Seat Stop, Lower
22	103-5302	1	Axle, Caster
23	103-5496	4	Mount-Vibration, Rubber

Ref.	Part Number	Qty.	Description
24	103-6596-03	2	Wld, Push Rod
25	103-7738	1	Screw-HH 1/2-13 X 13
26	103-8143	1	Console, RH
27	103-8146	1	Console, LH
28	116-4859	1	Panel, Control Console
29	103-8451	1	Decal, Ignition/Speed Control
30	103-8563	1	Link, Seat
31	109-4638	1	Decal, Console
32	103-9027	1	Grease Seal
33	103-9028	2	Cone-Bearing Taper Roller
34	103-9029	2	Cup-Bearing Tapered Roller
35	116-1175	1	Decal, Service Aid
36	103-9034	1	Decal, Clutch Adjustment
37	103-9057	1	Cap, Grease
38	242-50	8	Nut-Lug 1/2-20
39	322-2	6	Screw-HH 5/16-18 X 5/8
40	322-5	3	Screw-HH 5/16-18 X 1
41	323-14	2	Screw-HH 3/8-16 X 3

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

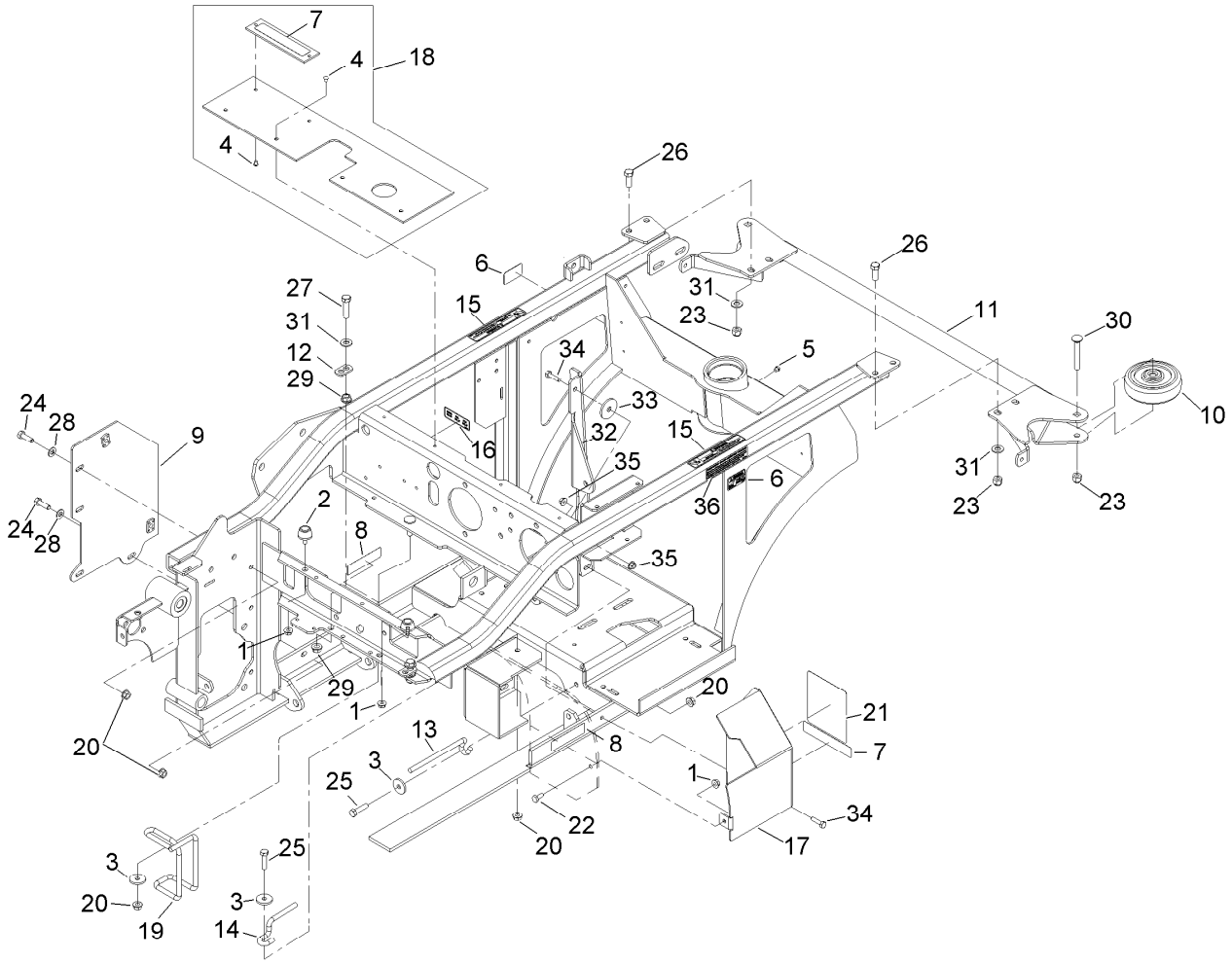


Seat, Tires and Consoles Assembly (continued)

Ref.	Part Number	Qty.	Description
42	325-17	2	Screw-HH 1/2-13 X 4
43	3231-27	1	Bolt-Carriage 3/8-16 X 7/8
44	3256-23	6	Washer-5/16 Sae
45	3256-8	1	Washer
46	3296-2	4	Nut-Nyloc #10-24
47	3296-23	1	Nut-Nyloc 1/2-13
48	3296-29	3	Nut-Nyloc 5/16-18
49	3296-39	3	Nut-Nyloc 3/8-16
50	3296-51	1	Nut-Nyloc 3/4-10
52	32128-20	8	Nut-Whizlock 5/16-18
53	32128-49	2	Nut-Whizlock 1/2-13
54	109-4640	1	Cable, Choke
55	116-4848	1	Cushion, Seat Bottom/W Switch

Ref.	Part Number	Qty.	Description
56	116-4849	1	Asm, Seat
57	109-4641	1	Cable, Throttle
58	109-4273	1	Decal, Wheel Motor
59	109-2661	4	Screw-PPH #10-24 X 1/2
60	103-5305	1	Asm, Wheel, Tire & Brg 13X8.00-6 Sp
61	103-9494	1	Asm, Rear Caster Wheel W/Axle
62	103-4319	2	Asm, Wheel & Tire 18X10.50-10
62	103-4321	2	Asm, Wheel & Tire 18X8.50-10 ●
63	105-1945	2	Tire
63	103-4320	2	Tire ●

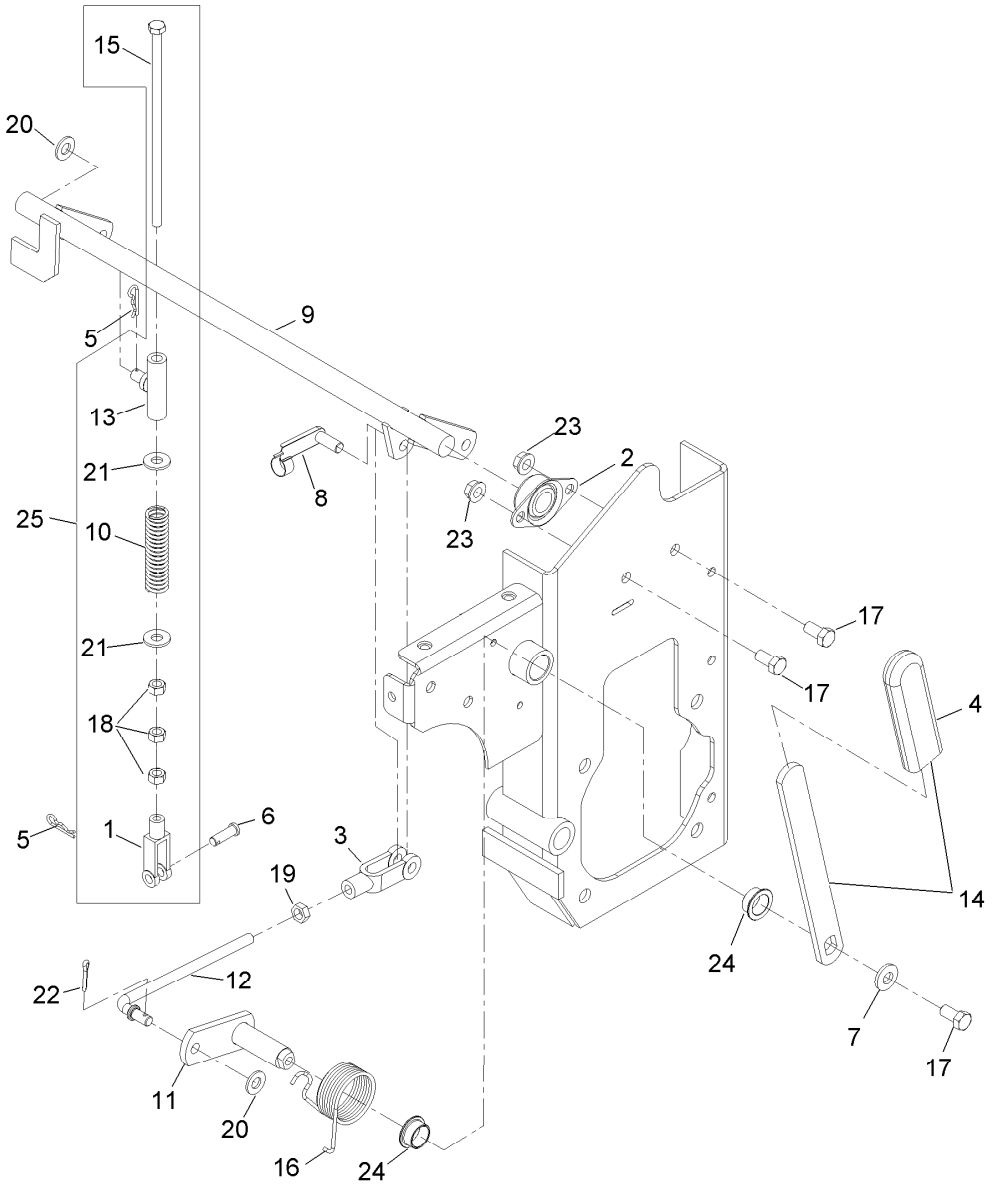
● Optional Equipment
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	32128-33	5	Nut-Whizlock 1/4-20
2	109-2365	2	Rubber Bumper ASM
3	1-613235	3	Washer
4	1-803035	6	Rivet 3/16 X 1/4
5	1-811010	1	Plug
6	65-2690	2	Decal-Surface, Hot
7	98-4361	2	Decal-Warning
8	98-5954	2	Decal-Cover, Missing
9	109-2487-03	1	Wld, Fender
10	103-5408	2	Wheel
11	109-0925-03	1	Wld, Bumper Rear
12	103-6537	2	Tab, Spring Anchor
13	103-8333	1	Guide, Belt
14	103-8349	1	Guide, Belt
15	103-8495	2	Decal, Pinch Point
16	103-8611	1	Decal, Relay
17	103-9475	1	Asm Drive, Shield
18	103-9476	1	Asm, Shield W/Decal

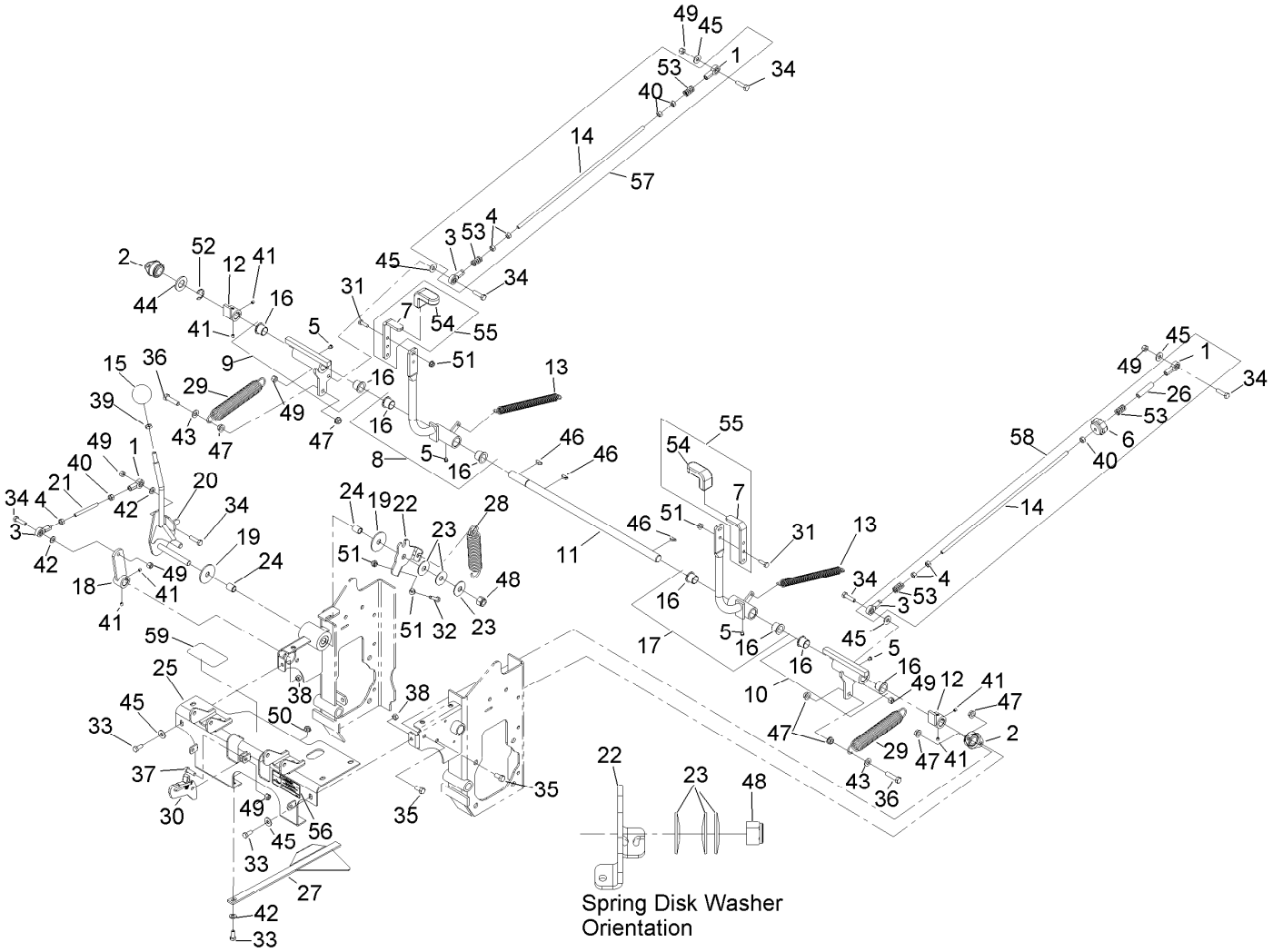
Ref.	Part Number	Qty.	Description
19	103-9022	1	Guide, Belt
20	32128-20	7	Nut-Whizlock 5/16-18
21	103-9274	1	Decal, Belt Routings
22	321-3	1	Screw-HH 1/4-20 X 5/8
23	3296-39	6	Nut-Nyloc 3/8-16
24	322-5	4	Screw-HH 5/16-18 X 1
25	322-6	2	Screw-HH 5/16-18 X 1 1/4
26	323-6	4	Screw-HH 3/8-16 X 1
27	323-8	2	Screw-HH 3/8-16 X 1 1/2
28	3256-23	4	Washer-5/16 Sae
29	3290-357	4	Nut-Whizlock 3/8-16
30	3231-31	2	Bolt-Carriage 3/8-16 X 2 1/2
31	3256-24	6	Washer-3/8 Sae
32	109-5874-03	1	Brace, PTO
33	1-213069	1	Washer
34	321-6	2	Screw-HH 1/4-20 X 1
35	32128-33	5	Nut-Whizlock 1/4-20
36	117-2718	1	Decal-Arrester, Spark



Park Brake Assembly

Ref.	Part Number	Qty.	Description
1	1-303105	2	Yoke-Adjustable
2	1-633102	2	Bearing-Flanged
3	1-633131	1	Yoke-Linkage, Brake
4	1-633268	1	Grip-Lever
5	1-806003	4	Hairpin-Cotter
6	1-808280	2	Pin-Clevis 5/16 X 1 49/64
7	98-5975	1	Washer-Spring Disc 3/8
8	103-2399	1	Pin-Clevis Spring 3/8
9	103-4383-03	1	Wld, Brakeshaft
10	103-4388	2	Spring
11	103-4390	1	Wld, Brake Pivot
12	103-4399	1	Rod, Linkage Brake
13	103-6576	2	Wld, Swivel Brake

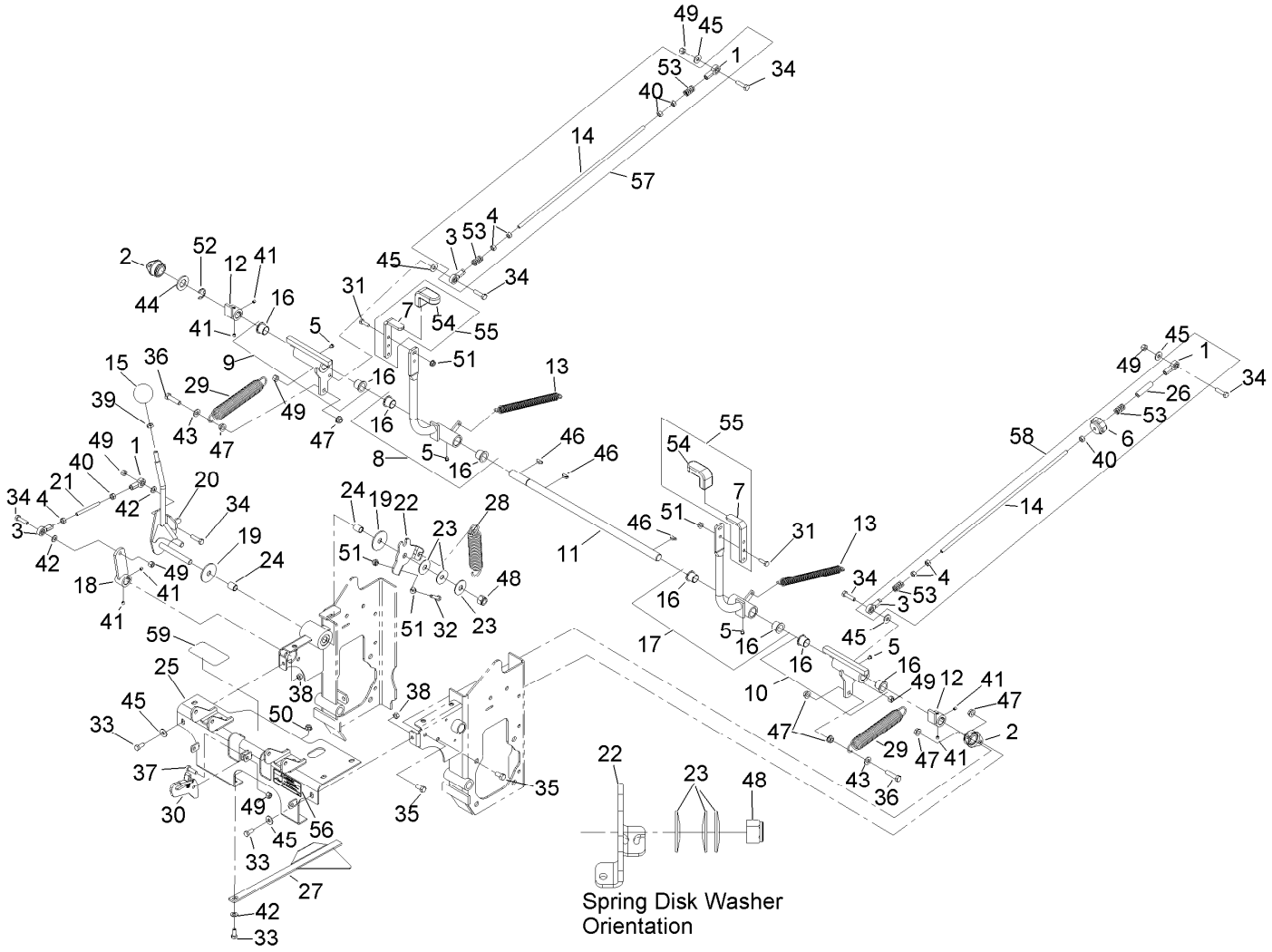
Ref.	Part Number	Qty.	Description
14	103-9469	1	Asm, Park Brake Handle W/Grip
15	103-7377	2	Screw-HH 5/16-24 X 7 3/4
16	103-9915	1	Spring, Torsion RH
17	323-4	5	Screw-HH 3/8-16 X 3/4
18	3219-2	6	Nut-Hex 5/16-24
19	3219-3	1	Nut-Hex 3/8-24
20	3256-24	3	Washer-3/8 Sae
21	3256-3	4	Washer-5/16 Std
22	3272-10	1	Pin-Cotter 1/8 X 3/4
23	3290-357	4	Nut-Whizlock 3/8-16
24	108519	2	Bushing-Bronze
25	109-0714	2	Asm, Brake Linkage



Speed Controls Assembly

Ref.	Part Number	Qty.	Description
1	1-543017	3	Balljoint
2	1-633102	2	Bearing-Flanged
3	1-633152	3	Balljoint
4	1-804524	5	Nut-Hex 5/16-24 (LH)
5	1-811010	4	Plug
6	103-3060	1	Knob-Tracking
7	103-9468	2	Asm, Handle W/Grip
8	103-9730	1	Asm, Steering Lever W/Bearings (RH)
9	103-9731	1	Asm, Actuator W/Bearings (RH)
10	103-9732	1	Asm, Actuator W/Bearings (LH)
11	103-4278	1	Shaft, Speed Control
12	103-4342-03	2	Wld, Hub Speed Control
13	103-4373	2	Spring, Extension
14	103-4377	2	Linkage, Rod Steering (LH)
15	103-4397	1	Knob, Speed Control
16	103-4398	8	Bearing, Flange Iglide
17	103-9733	1	Asm, Steering Lever W/Bearings (LH)

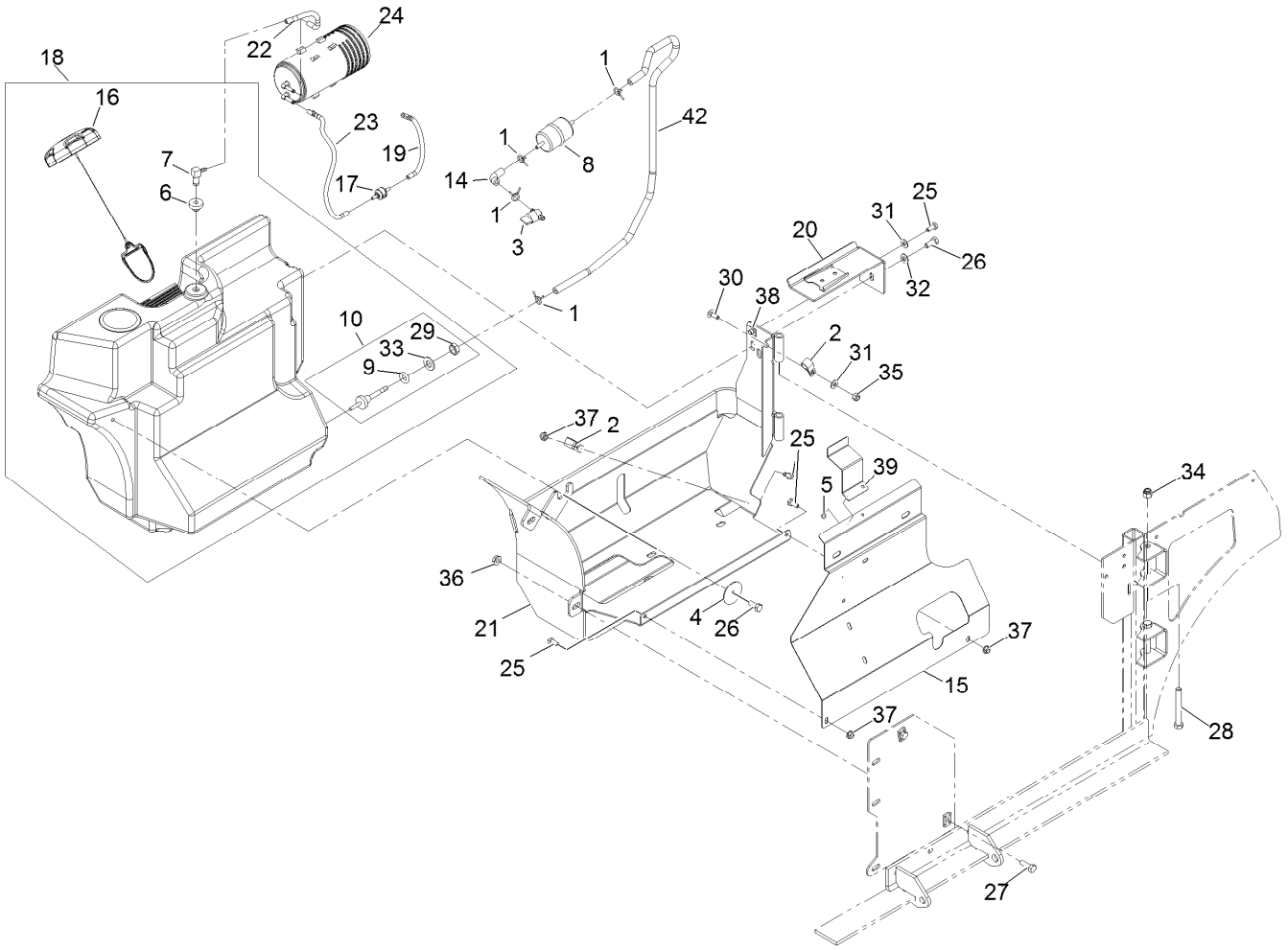
Ref.	Part Number	Qty.	Description
18	103-5008	1	Wld, Control Arm
19	103-5009	2	Disc, Friction
20	103-5013	1	Wld, Speed Control Lever
21	103-5016	1	Rod, Threaded Control Link
22	103-5017	1	Plate, Speed Control Friction
23	103-5018	3	Washer-Spring Disc
24	103-5064	2	Bearing-Plastic 1/2
25	109-5927	1	Asm, Console W/Decals
26	103-5945	1	Spacer
27	103-5993-03	1	Guide, Plenum
28	103-6078	1	Spring, Extension
29	103-6532	2	Spring, Extension
30	103-8494	1	Hook
31	321-5	4	Screw-HH 1/4-20 X 7/8
32	321-8	1	Screw-HH 1/4-20 X 1 1/4
33	322-3	6	Screw-HH 5/16-18 X 3/4
34	322-6	6	Screw-HH 5/16-18 X 1 1/4
35	323-4	4	Screw-HH 3/8-16 X 3/4
36	323-8	2	Screw-HH 3/8-16 X 1 1/2
37	322-5	1	Screw-HH 5/16-18 X 1



Speed Controls Assembly (continued)

Ref.	Part Number	Qty.	Description
38	3217-6	2	Nut-Hex 5/16-18
39	3218-3	1	Nut-Jam 3/8-16
40	3219-2	4	Nut-Hex 5/16-24
41	3245-1	6	Screw-Set, HSH
42	3256-23	3	Washer-5/16 Sae
43	3256-24	2	Washer-3/8 Sae
44	3256-28	1	Washer-3/4 Sae
45	3256-3	9	Washer-5/16 Std
46	3257-5	3	Key-Woodruff #9 3/4 X 3/16
47	3290-357	8	Nut-Whizlock 3/8-16
48	3296-19	1	Nut-Nyloc 1/2-20

Ref.	Part Number	Qty.	Description
49	3296-29	7	Nut-Nyloc 5/16-18
50	32128-20	1	Nut-Whizlock 5/16-18
51	32128-33	6	Nut-Whizlock 1/4-20
52	32151-48	1	E-Ring
53	1-323245	4	Spring-Compression
54	103-5994	2	Grip, Steering Handle
55	103-9468	2	Asm, Handle W/Grip
56	103-8425	1	Decal-Driveline
57	103-9493	1	Asm, Pump Linkage (RH)
58	103-9492	1	Asm, Pump Linkage (LH)
59	109-4273	1	Decal, Wheel Motor

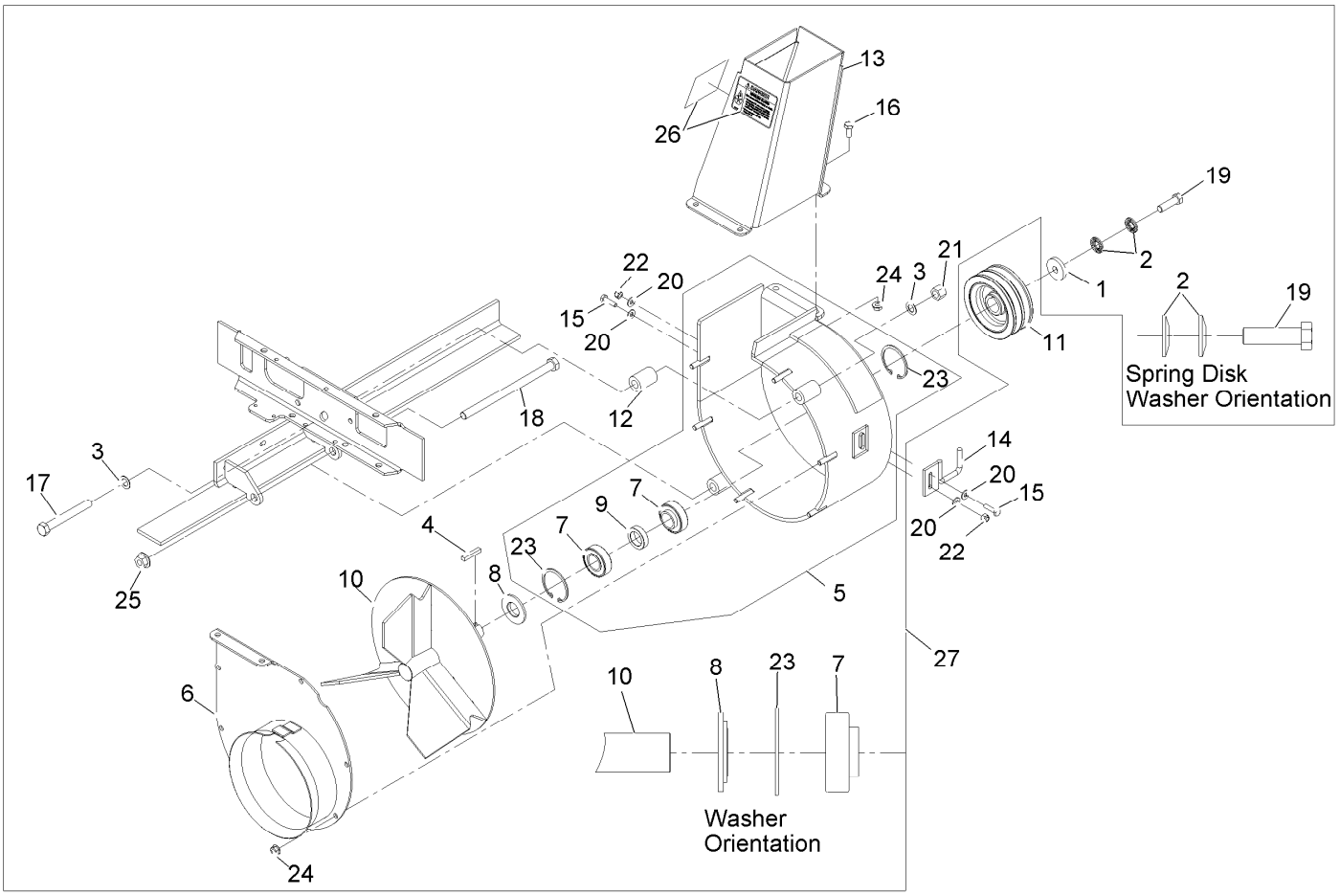


Fuel Assembly

Ref.	Part Number	Qty.	Description
1	1-303077	6	Clamp-Fuel Line
2	1-513762	2	Clip-Loom 1/2
3	1-603770	1	Valve-Fuel
4	1-653036	1	Washer
5	1-803035	2	Rivet 3/16 X 1/4
6	46-6560	1	Bushing
7	100-1596	1	Fitting-90 DEG
8	Kohler	1	Part No. 2405010 Fuel Filter ●
9	103-2784	1	O-Ring
10	103-6057	1	Fitting-Fuel Bulkhead W/Screen ■
14	109-0304	2	Hose-Fuel Line 2 1/2"
15	116-4032-03	1	Panel, Tank Shield
16	120-5461	1	Cap-Fuel, Ratcheting
17	115-7868	1	Valve-Check, Vacuum
18	116-4030	1	Asm, Fuel Tank
19	116-2619	1	Hose-Vent, Formed
20	116-2847-03	1	Asm, Canister Bracket
21	116-2848-03	1	Asm, Tank Frame

Ref.	Part Number	Qty.	Description
22	116-2966	1	Hose, Vent, Low Perm
23	116-2967	1	Hose, Purge, Low Perm
24	117-1221	1	Canister-Carbon, 800Cc
25	321-3	4	Screw-HH 1/4-20 X 5/8
26	322-3	2	Screw-HH 5/16-18 X 3/4 ■
27	322-5	2	Screw-HH 5/16-18 X 1 ▲
28	323-14	2	Screw-HH 3/8-16 X 3
29	3220-5	1	Nut-Jam 1/2-20
30	3229-1	1	Bolt-Carriage 1/4-20 X 3/4
31	3256-22	2	Washer-1/4 Sae
32	3256-23	2	Washer-5/16 Sae
33	3256-26	1	Washer-1/2 Sae
34	3296-39	2	Nut-Nyloc 3/8-16
35	3296-42	1	Nut-Nyloc 1/4-20
36	32128-20	2	Nut-Whizlock 5/16-18
37	32128-33	3	Nut-Whizlock 1/4-20
38	107069	1	Nut-Retainer-Panel 1/4-20
39	116-4037	1	Bracket-Tank Shield
42	109-0284	1	Hose-Fuel Line 29"

● Obtain parts from www.kohlerplus.com
■ 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.

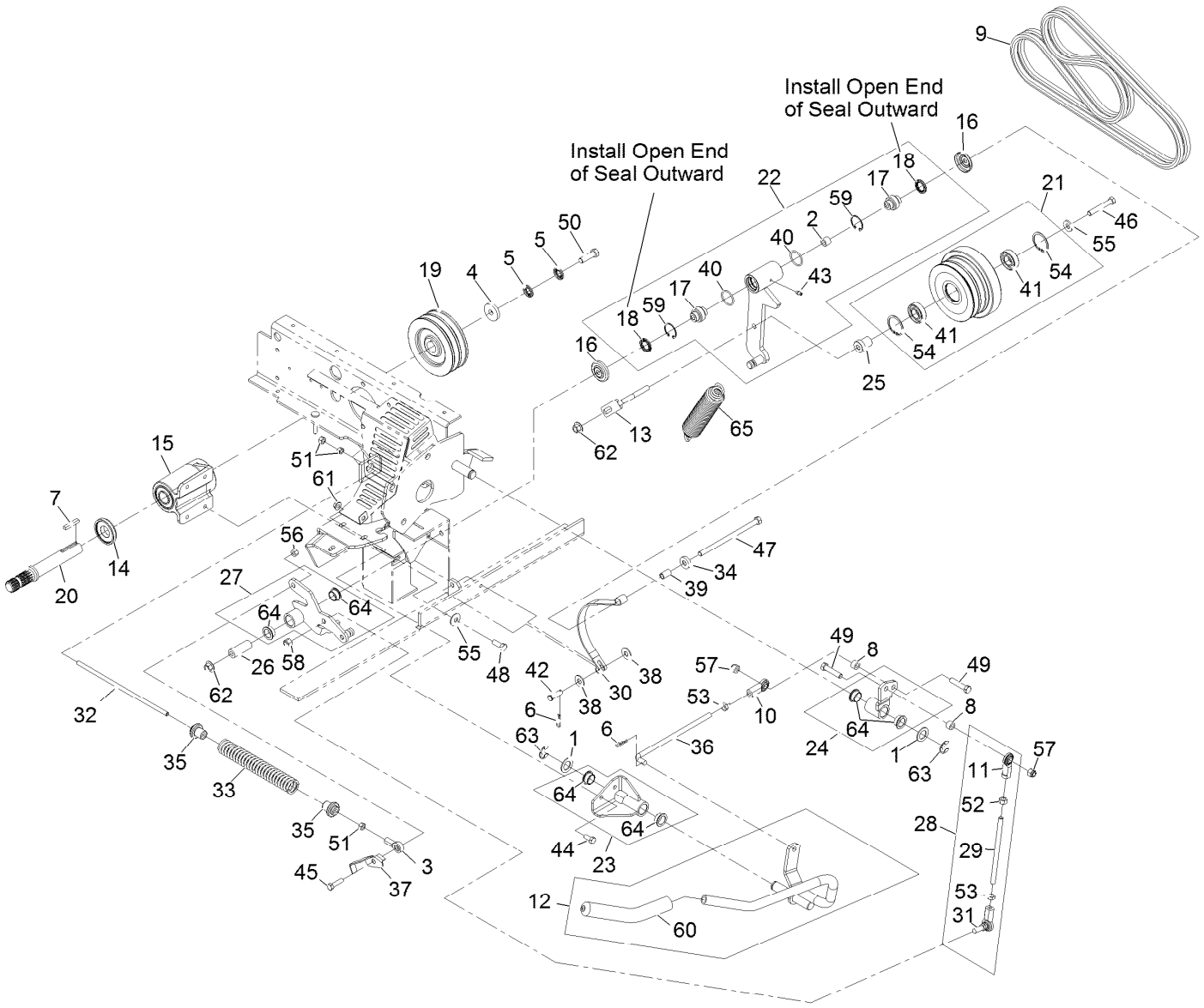


Blower Assembly

Ref.	Part Number	Qty.	Description
1	1-543610	1	Washer
2	1-603610	2	Washer-Spring Disc 7/16
3	18-9810	2	Washer-Thrust
4	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2
5	109-0183	1	Asm, Blower Housing W/Brgs
6	103-3370-03	1	Wld, Blower Cover Assembly
7	103-3540	2	Bearing-Ball
8	103-3894	1	Spacer, Blower
9	103-4921	1	Spacer, Bearing
10	103-5194	1	Wld, Impeller
11	103-6733	1	Sheave, Blower
12	103-6999	1	Spacer, Mount
13	103-9474	1	Asm, Discharge Chute W/Decal

Ref.	Part Number	Qty.	Description
14	103-9167-03	1	Wld, Guide
15	321-6	2	Screw-HH 1/4-20 X 1
16	322-3	4	Screw-HH 5/16-18 X 3/4
17	325-17	1	Screw-HH 1/2-13 X 4
18	325-42	1	Screw-HH 1/2-13 X 8
19	3212-6	1	Screw-HH 7/16-20 X 1 1/2 ●
20	3256-22	4	Washer-1/4 Sae
21	3296-23	1	Nut-Nyloc 1/2-13
22	3296-42	2	Nut-Nyloc 1/4-20
23	32120-8	2	Ring-Retaining
24	32128-20	10	Nut-Whizlock 5/16-18
25	32128-49	1	Nut-Whizlock 1/2-13
26	109-7318	2	Decal, Danger
27	109-0184	1	Asm, Blower Complete

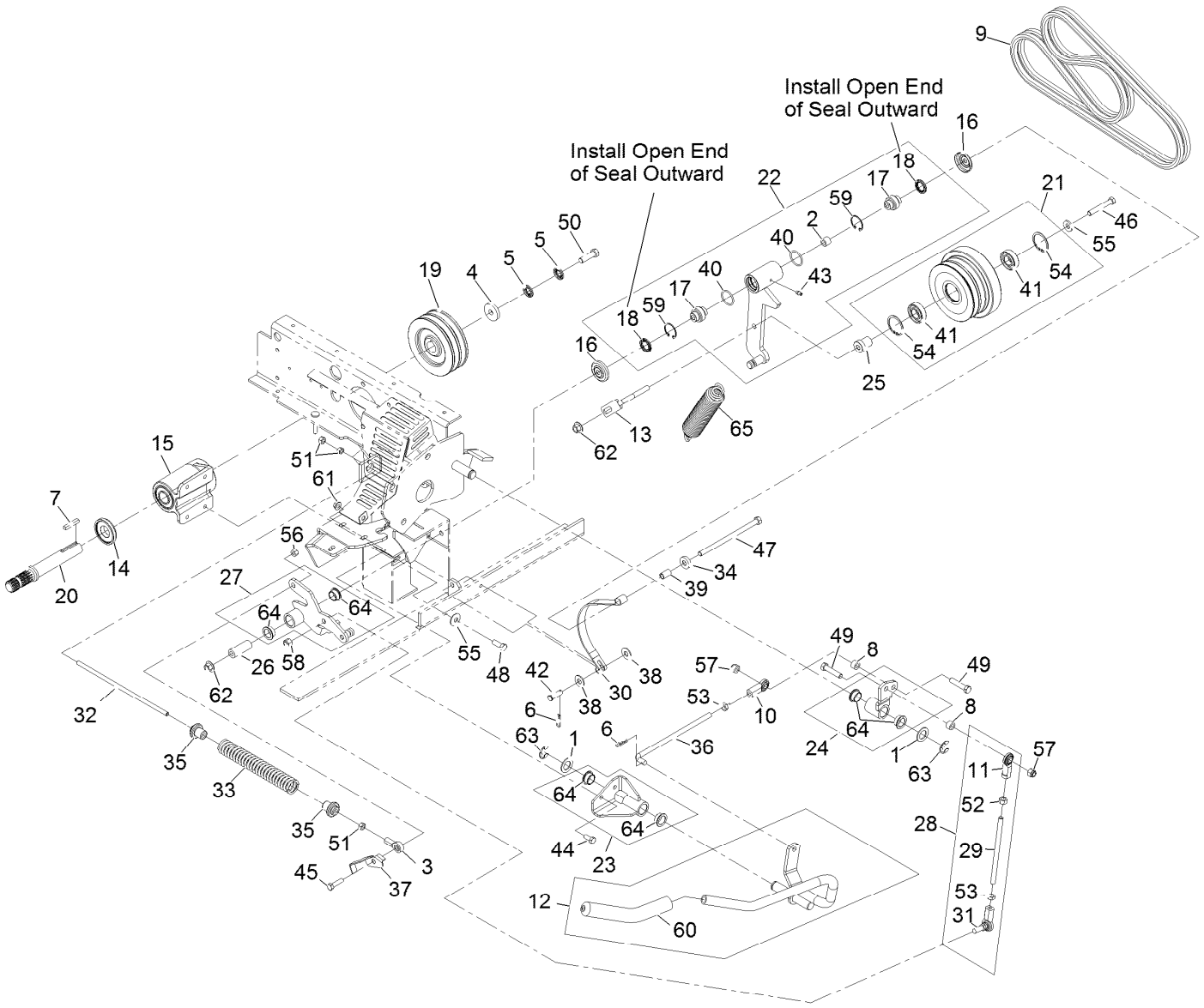
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Jackshaft Assembly

Ref.	Part Number	Qty.	Description
1	1-303007	2	Washer
2	1-413088	1	Spacer
3	1-543017	1	Balljoint
4	1-543610	1	Washer
5	1-603610	2	Washer-Spring Disc 7/16
6	1-806003	2	Hairpin-Cotter
7	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2
8	92-9025	2	Spacer
9	103-6737	1	Belt, Matched Pair
10	103-0608	1	Balljoint
11	103-1167	1	Joint-Ball End, .38X.38Fe LH
12	103-9486	1	Asm, PTO Handle W/Grip
13	109-5491	1	Belt, Guide
14	103-2535	1	Spacer-Guard Bottom
15	103-2544	1	Jackshaft ASM
16	103-2916	2	Guard-Top
17	103-3504	2	Bearing-Spherical
18	103-3506	2	Seal-Single Lip
19	103-6732	1	Sheave
20	103-6735	1	Jackshaft
21	103-9439	1	Asm, Idler Sheave
22	103-8253	1	Asm, Idler Pivot
23	103-9295	1	Asm, Pivot W/Bushing
24	103-9297	1	Asm, Arm W/Bushing
25	103-7350	1	Spacer, Idler
26	103-7382	1	Bushing
27	103-9296	1	Asm, Arm W/Bushing
28	103-7392	1	Asm, Link Clutching
29	103-7393	1	Linkage, Rod
30	103-7697	1	Band, Brake
31	103-7994	1	Balljoint
32	103-7996	1	Linkage, PTO Brake Rod
33	103-7997	1	Spring, Brake
34	5-0652	1	Spacer
35	103-8254	2	Bushing, Spring
36	103-8277	1	Link, Handle

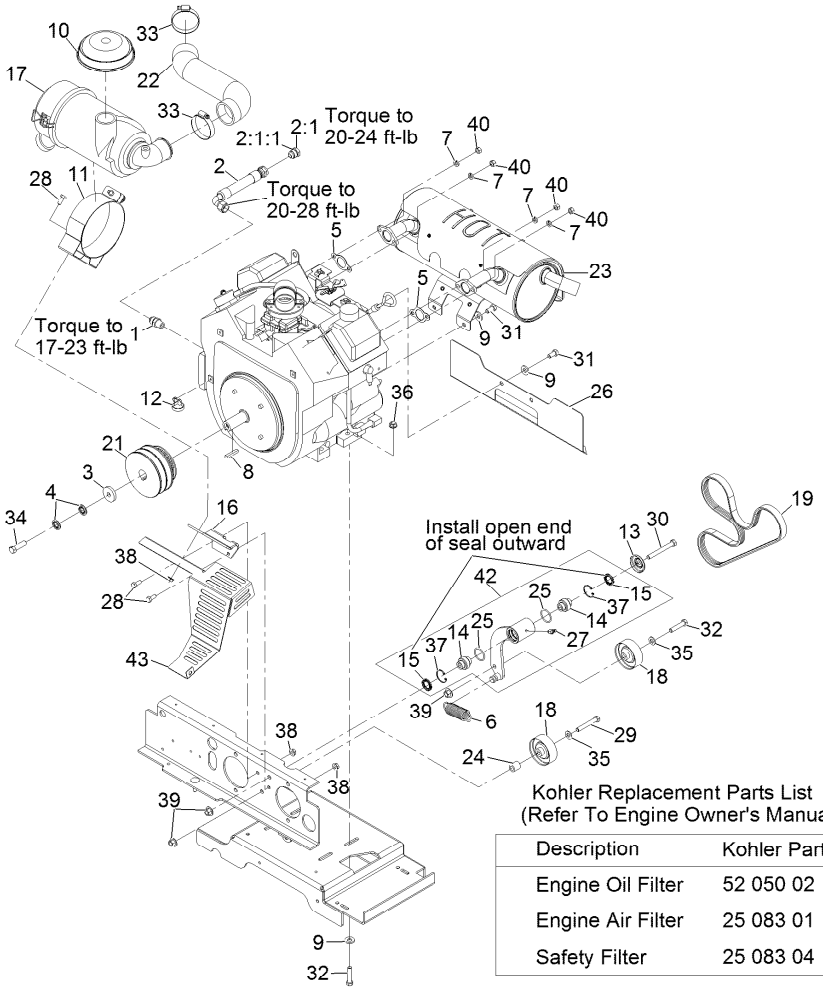
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Jackshaft Assembly (continued)

Ref.	Part Number	Qty.	Description
37	103-8716-03	1	Flag, Switch
38	3256-4	2	Washer-3/8 Std
39	103-9816	1	Spacer
40	106-7159	2	O-Ring
41	251-347	2	Bearing-Ball Deep Groove
42	283-2	1	Pin-Clevis 3/8 X 1 1/6
43	302-19	1	Zerk-1/4-28 Str
44	322-3	2	Screw-HH 5/16-18 X 3/4
45	322-6	1	Screw-HH 5/16-18 X 1 1/4
46	323-12	1	Screw-HH 3/8-16 X 2 1/2
47	323-36	1	Screw-HH 3/8-16 X 7
48	323-6	4	Screw-HH 3/8-16 X 1
49	323-9	2	Screw-HH 3/8-16 X 1 3/4
50	3212-6	1	Screw-HH 7/16-20 X 1 1/2 ●
51	3219-2	3	Nut-Hex 5/16-24
52	3219-20	1	Nut-Hex 3/8-24 LH
53	3219-3	2	Nut-Hex 3/8-24
54	32151-13	2	Ring-Retaining
55	98-5975	5	Washer-Spring Disc 3/8
56	3296-29	1	Nut-Nyloc 5/16-18
57	3296-39	2	Nut-Nyloc 3/8-16
58	3296-6	1	Nut-Nyloc 3/8-24
59	32120-10	2	Ring-Retaining
60	103-8153	1	Grip, Control Lever
61	32128-20	2	Nut-Whizlock 5/16-18
62	32128-19	2	Nut-Hex 3/8-16 Side Lock
63	32151-48	2	E-Ring
64	108519	6	Bushing-Bronze
65	109-0148	1	Spring-Extension

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



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

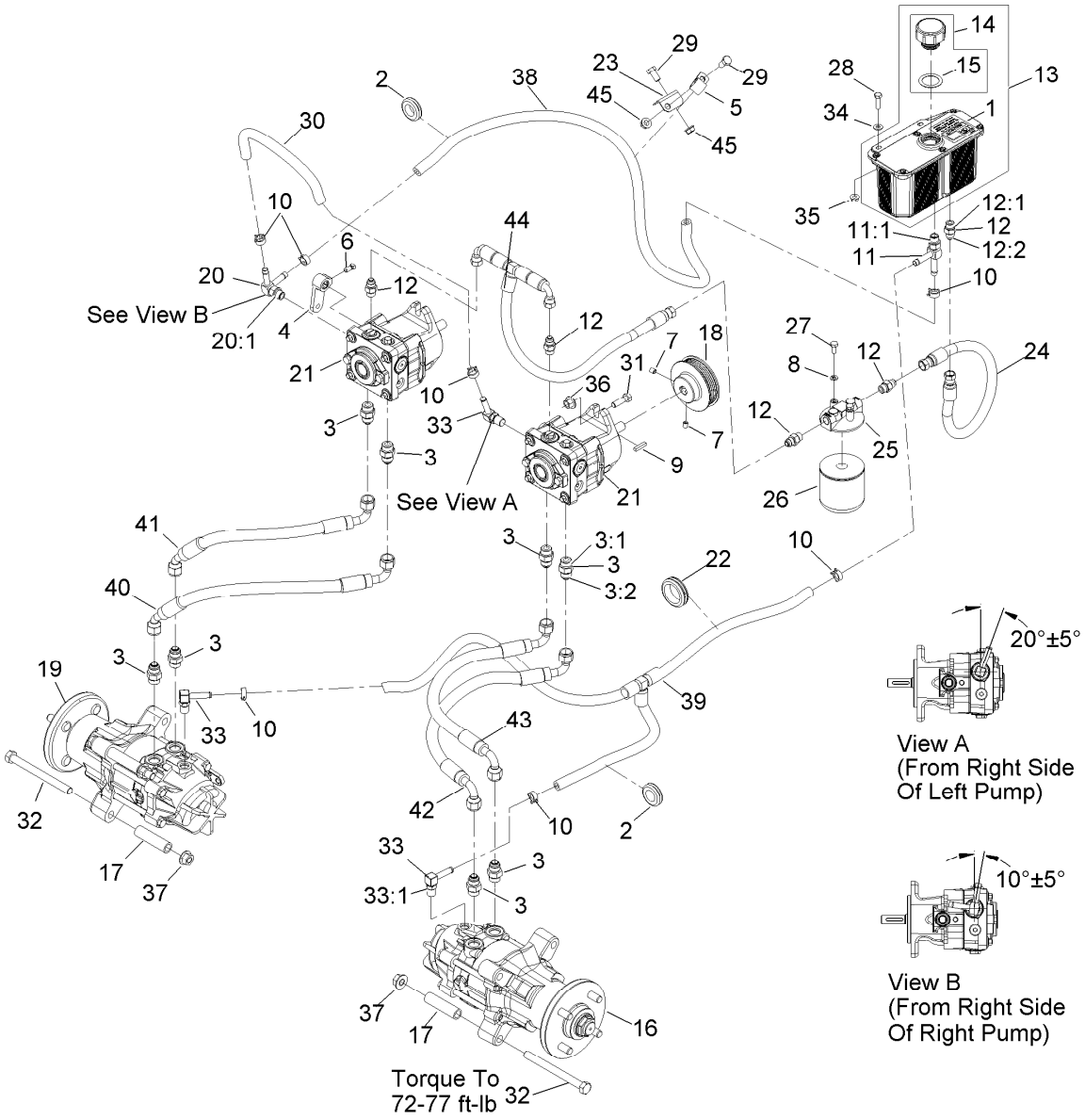
Description	Kohler Part
Engine Oil Filter	52 050 02
Engine Air Filter	25 083 01
Safety Filter	25 083 04

Engine Assembly

Ref.	Part Number	Qty.	Description
1	116-1455	1	Fitting-Straight ●
2	116-5338	1	Hose, Oil Drain W/Plug
2:1	353-508	1	Plug-W/O-Ring
2:1:1	237-42	1	O-Ring
3	1-543610	1	Washer
4	1-603610	2	Washer-Spring Disc 7/16
5	1-653291	2	Gasket-Exhaust
6	1-653331	1	Spring
7	1-805005	4	Washer-Lock 5/16 Heavy
8	67-7490	1	Key-Machine 1/4 X 1/4 X 1 1/2
9	98-5975	8	Washer-Spring Disc 3/8
10	100-2436	1	Asm-Hood Air Intake W/Clamp
11	103-1058	1	Bracket-Filter, Air
12	109-7896	1	Tie-Cable
13	103-2916	1	Guard-Top
14	103-3504	2	Bearing-Spherical
15	103-3506	2	Seal-Single Lip
16	103-3695-03	1	Bracket, Air Filter
17	103-8569	1	Air Cleaner, Canister
18	116-6361	2	Pulley, Idler Flat
19	103-4244	1	Belt, Poly-V K

Ref.	Part Number	Qty.	Description
21	103-6731	1	Sheave, Engine
22	103-6961	1	Hose, Air Intake
23	103-7444	1	Muffler
24	106-5574	1	Spacer-Mounting, Steering
25	106-7159	2	O-Ring
26	109-0181-03	1	Shield, Exhaust
27	302-11	1	Zerk-45° 1/4-28
28	322-3	4	Screw-HH 5/16-18 X 3/4
29	323-12	1	Screw-HH 3/8-16 X 2 1/2
30	323-20	1	Screw-HH 3/8-16 X 3-1/4
31	323-4	4	Screw-HH 3/8-16 X 3/4
32	323-9	5	Screw-HH 3/8-16 X 1 3/4
33	2412-42	2	Clamp-Hose
34	3212-6	1	Screw-HH 7/16-20 X 1 1/2 ■
35	3256-24	2	Washer-3/8 Sae
36	3290-357	4	Nut-Whizlock 3/8-16
37	32120-10	2	Ring-Retaining
38	32128-20	4	Nut-Whizlock 5/16-18
39	32128-43	3	Nut-Whizlock 3/8-16
40	33014-00	4	Nut-Hex M8-1.25
42	103-7349	1	Asm, Short Idler
43	116-7272-03	1	Shield-Heat

● Use a Teflon Pipe Sealant or equivalent on threads.
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



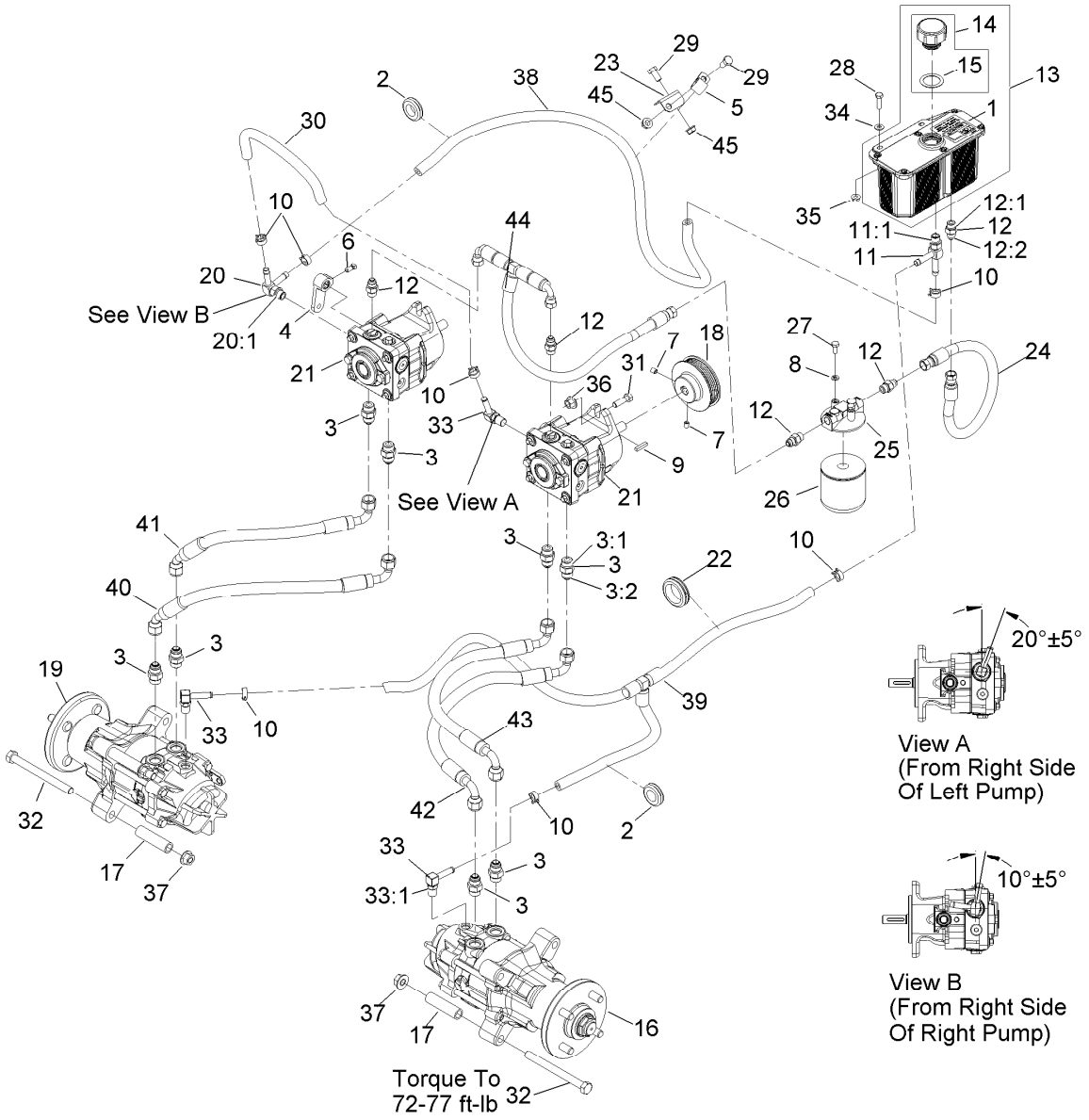
Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-0404	1	Decal-Hydraulic Tank
2	1-543286	2	Grommet
3	1-603990	8	Adapter-Straight
3:1	1-603920	1	O-Ring-Sae #8
3:2	1-603992	1	O-Ring-37 Flare #8
4	1-632208	2	Arm-Control, Pump
5	1-633396	1	Clip-Loom 5/8
6	1-803022	2	Setscrew-5/16-18 X 5/8 ▲
7	1-803310	4	Setscrew-5/16-18 X 3/8 ▲
8	1-805004	2	Washer-Lock 1/4 Heavy
9	1-807272	2	Key-5Mm X 5Mm X 25Mm
10	103-1988	7	Clamp-Hose 11/16
11	103-1828	1	Adapter-Running Tee
11:1	237-42	1	O-Ring
12	103-2156	5	Adapter-Straight
12:1	237-42	1	O-Ring
12:2	103-1020	1	O-Ring-37 Flare #6
13	103-1947	1	HYD Reservoir ASM
14	103-7615	1	Asm, Cap W/Gasket
15	103-1949	1	Gasket-Cap
16	103-3406	1	Motor, Wheel (LH)
16:1	103-9762	1	Kit, Seal ●
16:2	103-9763	1	Handle, Actuating ●
16:3	103-9764	1	Clip-Retaining ●
16:4	103-9765	1	Nut, Hex Toplock 1-20Unef-2B ●
16:5	103-4242	1	Asm, Wheel Hub W/Studs ●
16:6	103-7447	4	Stud, Wheel 1/2-20 X 1/2 ●
17	109-7041	8	Spacer
18	103-4246	2	Sheave
19	103-4612	1	Motor, Wheel (RH)
19:1	103-9762	1	Kit, Seal ●
19:2	103-9763	1	Handle, Actuating ●
19:3	103-9764	1	Clip-Retaining ●
19:4	103-9765	1	Nut, Hex Toplock 1-20Unef-2B ●
19:5	103-4242	1	Asm, Wheel Hub W/Studs ●
19:6	103-7447	4	Stud, Wheel 1/2-20 X 1/2 ●

● Not illustrated

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

■ Use only for operation below 32°F (0°C).



Hydraulic Assembly (continued)

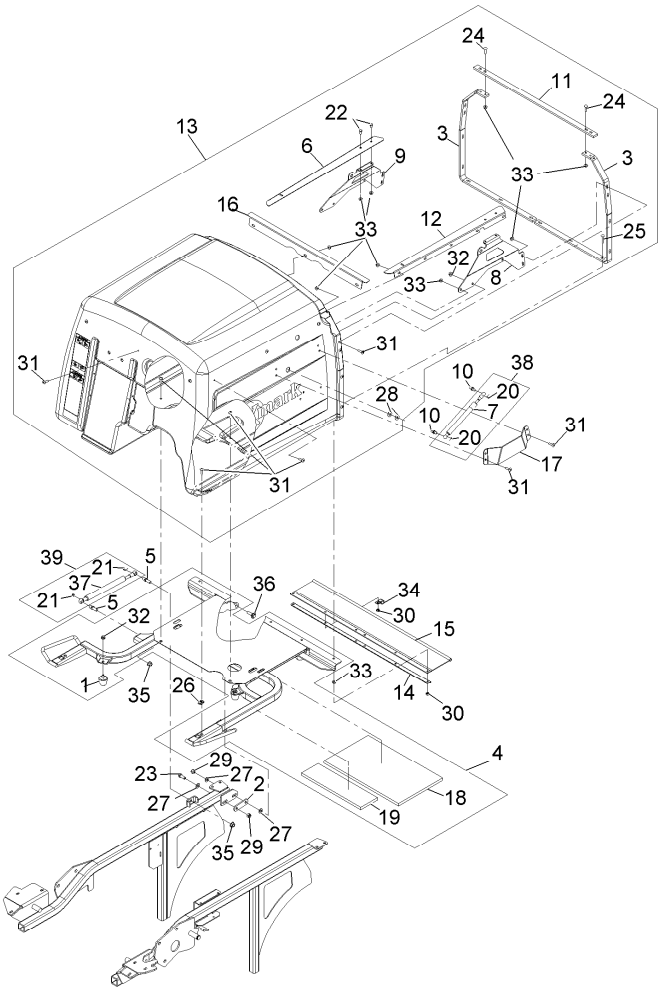
Ref.	Part Number	Qty.	Description
20	103-5469	1	Adapter-Tee Special
20:1	237-42	1	O-Ring
21	116-2441	2	Pump, Hydro
21:1	103-7441	1	Bearing-Shaft, Input ●
21:2	103-7443	1	Cylinder Block Kit ●
21:3	94-6922	1	Bearing-Thrust ●
21:4	105-6184	1	Seal Overhaul Kit ●
22	103-7706	1	Grommet
23	103-8631	1	Bracket, Clamp
24	109-1258	1	Hose, Hydraulic
25	104-7836	1	Filter-Head
26	109-4180	1	Filter,25 Micron Bi-Directional
26	1-523541	1	Element, Oil Filter(Winter) ■
27	321-3	2	Screw-HH 1/4-20 X 5/8
28	321-6	2	Screw-HH 1/4-20 X 1
29	323-4	2	Screw-HH 3/8-16 X 3/4

Ref.	Part Number	Qty.	Description
30	103-5452	1	Hose, Hydraulic
31	323-7	4	Screw-HH 3/8-16 X 1 1/4
32	325-22	8	Screw-HH 1/2-13 X 5 1/2
33	100-4887	3	Fitting-Barbed, 90 DEG
33:1	1-603921	1	O-Ring-Sae #6
34	3256-22	2	Washer-1/4 Sae
35	32128-33	2	Nut-Whizlock 1/4-20
36	32128-43	4	Nut-Whizlock 3/8-16
37	32128-49	8	Nut-Whizlock 1/2-13
38	103-5477	1	Hose, Hydraulic
39	103-8617	1	Hose, Hydraulic
40	109-1260	1	Hose, Hydraulic
41	109-1261	1	Hose, Hydraulic
42	109-1262	1	Hose, Hydraulic
43	109-1263	1	Hose, Hydraulic
44	109-1264	1	Hose, Hydraulic
45	3290-357	2	Nut-Whizlock 3/8-16

● Not illustrated

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

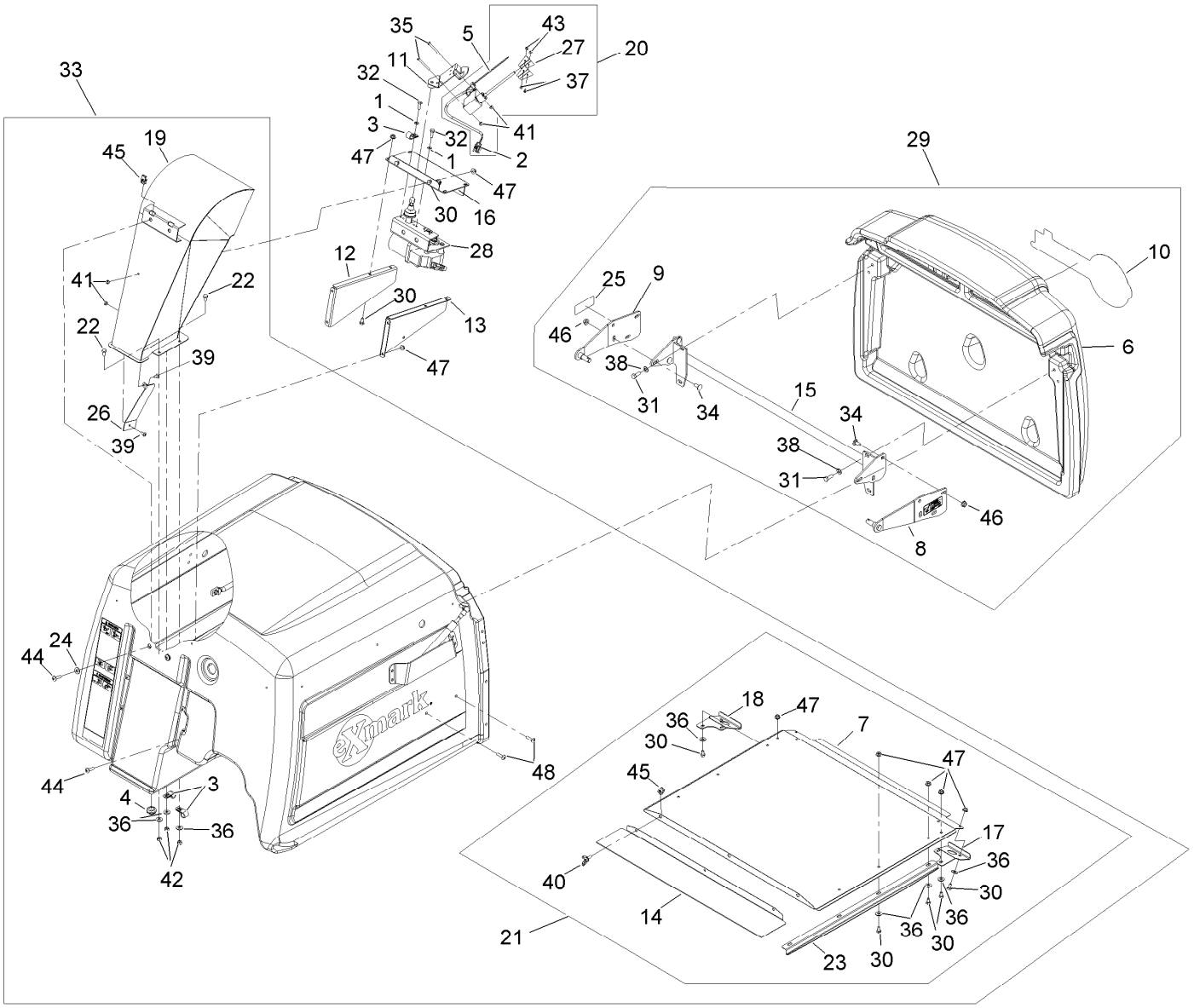
■ Use only for operation below 32°F (0°C).



Hopper Assembly Pg1

Ref.	Part Number	Qty.	Description
1	1-543963	2	Bumper, Rubber
2	1-633068	2	Arm-Lift, Deck
3	103-5045-03	2	Brace, Side
4	109-4086	1	Asm, Hopper Frame
5	103-5426	2	Stud-Ball 13Mm
6	103-5736-03	1	Channel, Screen (RH)
7	103-5746	2	Shock, Gas Tension
8	103-5749-03	1	Panel, Hinge (LH)
9	103-5751-03	1	Panel, Hinge (RH)
10	103-5752	4	Stud-Ball 10Mm
11	103-5772-03	1	Brace, Top
12	103-5774-03	1	Channel, Screen (LH)
13	103-9457	1	Asm, Hopper ●
14	103-6022-03	1	Channel, Hopper Frame
15	103-6025	1	Shield, Trailing
16	103-7035-03	1	Channel, Screen Front
17	109-4019	2	Guard, Damper
18	103-7824	1	Insulation, Foam Pad Rear
19	103-7825	1	Insulation, Foam Pad Front
20	103-8324	4	Clip-Retainer-10Mm
21	103-8325	2	Clip-Retainer-13Mm
22	321-2	4	Screw-HH 1/4-20 X 1/2
23	323-6	2	Screw-HH 3/8-16 X 1
24	3229-2	4	Bolt-Carriage 1/4-20 X 1
25	3229-4	6	Bolt-Carriage 1/4-20 X 1 1/2
26	107069	4	Nut-Retainer-Panel 1/4-20
27	3256-24	6	Washer-3/8 Sae
28	3256-3	4	Washer-5/16 Std
29	3296-39	6	Nut-Nyloc 3/8-16
30	3296-42	29	Nut-Nyloc 1/4-20
31	32105-32	30	Screw-Truss HD 1/4-20 X 1
32	32128-20	4	Nut-Whizlock 5/16-18
33	32128-33	39	Nut-Whizlock 1/4-20
34	1-513762	1	Clip-Loom 1/2
35	33005-00	2	Nut-Hex M10-1.5 Flg
36	614672	2	Screw-Shoulder 3/8-16 X 1.295
37	103-5425	1	Shock, Gas Compression
38	109-0715	2	Kit, Damper W/Clips
39	109-0716	1	Kit, Damper W/Clips

● Reference Hopper Assembly Pg 2 for remainder of items included in assembly.

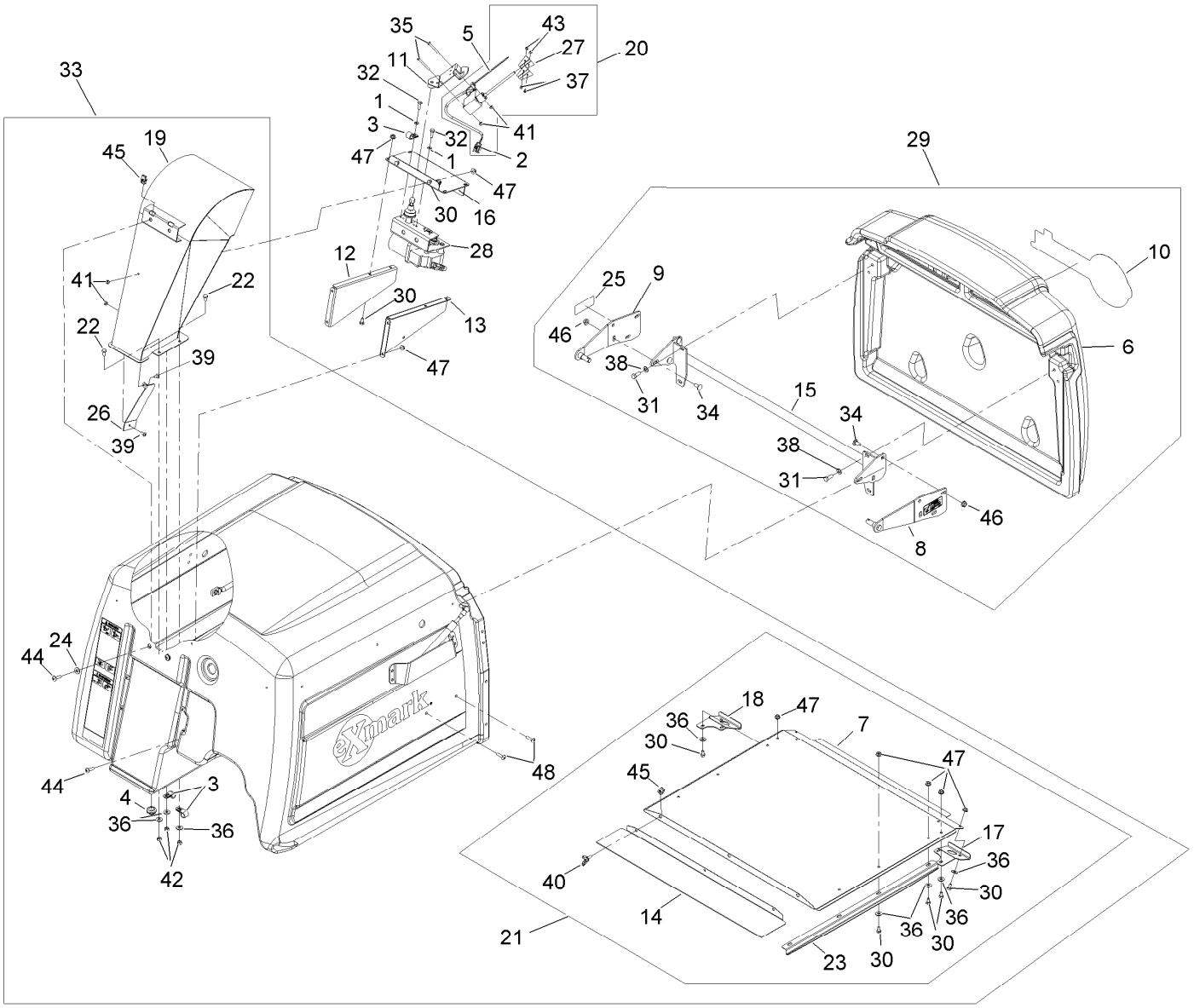


Hopper Assembly Pg2

Ref.	Part Number	Qty.	Description
1	1-303435	3	Washer-Spring Disc 1/4
2	109-3854	1	Kit, Fill Sensor Wire
3	1-513762	4	Clip-Loom 1/2
4	1-543296	1	Grommet
5	1-303335	1	Tie-Cable 7 15/16 (Large)
6	109-3955	1	Door, 9.5 Bushel Hopper
7	103-5745-03	1	Panel, Hopper Screen
8	109-4253	1	Asm, Door Pivot W/Decal (LH)
9	109-4254	1	Wld, Door Pivot W/Decal (RH)
10	103-6024	1	Decal, Exmark Logo
11	109-3648	1	Wld, Switch Mount
12	103-6067-03	1	Bracket, Motor (LH)
13	103-6068-03	1	Bracket, Motor (RH)
14	103-7048-03	1	Panel, Screen Extend
15	109-4153-03	1	Wld, Door Support
16	103-7085-03	1	Plate, Switch
17	103-7098-03	1	Handle, Screen (LH)

Ref.	Part Number	Qty.	Description
18	103-7099-03	1	Handle, Screen (RH)
19	109-3650-03	1	Wld, Diffuser
20	103-9466	1	Asm, Fill Sensor
21	109-0717	1	Asm, Hopper Screen
22	321-4	5	Screw-HH 1/4-20 X 3/4
23	103-8203-03	2	Guide, Screen
24	1-613235	2	Washer
25	103-8444	2	Decal, Pinch Point
26	103-8680	1	Deflector, Discharge Chute
27	103-8789	2	Flag, Fill Sensor
28	109-3853	1	Motor
29	103-9456	1	Asm, Door Hopper
30	321-2	19	Screw-HH 1/4-20 X 1/2
31	322-4	4	Screw-HH 5/16-18 X 7/8
32	329-4	3	Screw-HH 1/4-28 X 3/4
33	103-9457	1	Asm, Hopper ●
34	3230-23	6	Bolt-Carriage 5/16-18 X 3/4 Short Neck
35	3250-48	2	Screw-PPH #10-24 X 1 3/4

● Reference Hopper Assembly Pg 1 for remainder of items included in assembly.

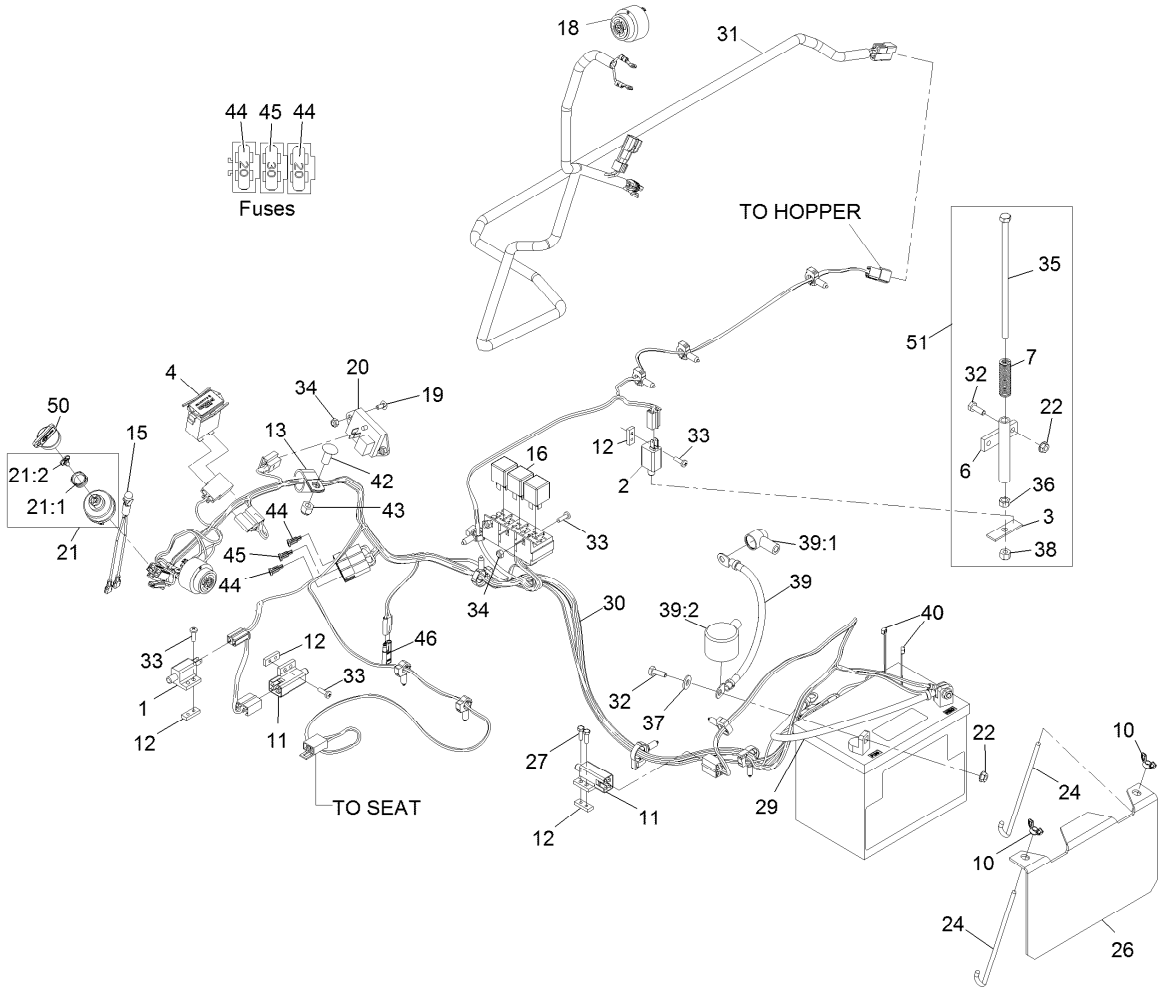


Hopper Assembly Pg2 (continued)

Ref.	Part Number	Qty.	Description
36	3256-2	17	Washer-1/4 Std
37	9107622	2	Screw-PPH #6-32 X 5/8
38	3256-23	4	Washer-5/16 Sae
39	32122-30	2	Screw-Truss HD #10-24 X 1/2
40	109-1063	3	Screw-Wing 1/4-20 X 3/4
41	3296-2	4	Nut-Nyloc #10-24
42	3296-42	5	Nut-Nyloc 1/4-20

Ref.	Part Number	Qty.	Description
43	3296-9	2	Nut-Nyloc #6-32 Thin
44	32105-32	6	Screw-Truss HD 1/4-20 X 1
45	107069	5	Nut-Retainer-Panel 1/4-20
46	32128-20	8	Nut-Whizlock 5/16-18
47	32128-33	27	Nut-Whizlock 1/4-20
48	32122-42	4	Screw-Truss HD 1/4-20 X 1/2

● Reference Hopper Assembly Pg 1 for remainder of items included in assembly.



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	1-513051	1	Switch-N.O.
2	1-513152	1	Switch-N.C.
3	1-513180	1	Plate-Switch, Seat
4	1-513374	1	Meter-Engine Hours
6	1-522424-03	1	Mount-Spring, Seat
7	1-523415	1	Spring
10	1-543792	2	Wingnut-Nyloc 1/4-20
11	1-633111	2	Switch
12	1-633181	4	Plate-Tapped
13	1-643312	1	Clip-Loom
15	1-643267	1	Indicator-Red Led
16	1-643275	3	Relay-12Vdc 40 Amp
18	103-0205	2	Alarm-Dual Tone 12Vdc
19	1-807513	2	Bolt-Carriage #10-24 X 1/2
20	100-6186	1	Module-Delay, Seat
21	109-4736	1	Asm, Switch W/Nut
21:1	103-0498	1	Nut-Ignition
21:2	1-603511	1	Key-Ignition
22	32128-33	4	Nut-Whizlock 1/4-20
24	1-633651	2	Bolt-Holddown
26	103-4161-03	1	Hold Down, Battery
27	3290-134	2	Screw-HH Machine 10-24 X 5/8

Ref.	Part Number	Qty.	Description
29	103-8355	1	Cable-Ground(-)
30	116-5491	1	Harness, Wiring ●
31	103-8800	1	Harness, Hopper Wire ●
32	321-4	4	Screw-HH 1/4-20 X 3/4
33	3290-500	8	Screw-PPH #10-24 X 5/8
34	3296-2	4	Nut-Nyloc #10-24
35	322-50	1	Screw-HH 5/16-18 X 7 1/2
36	3217-6	1	Nut-Hex 5/16-18
37	3256-2	2	Washer-1/4 Std
38	3296-29	1	Nut-Nyloc 5/16-18
39	116-4730	1	Cable, Battery (+)
39:1	1-543393	1	Insulator-Solenoid
39:2	109-2407	1	Insulator-Battery
40	1-303287	2	Tie-Cable 5 1/2 (Small)
42	3231-27	1	Bolt-Carriage 3/8-16 X 7/8
43	3296-39	1	Nut-Nyloc 3/8-16
44	1-816001	2	Fuse-Blade Type, 20 Amp
45	1-816003	1	Fuse-Blade Type, 30 Amp
46	116-0053	2	Cap-Plug
50	103-2106	1	Key-Exmark Logo
51	103-8528	1	Asm, Hopper Switch Actuator

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

Notes:

Notes:

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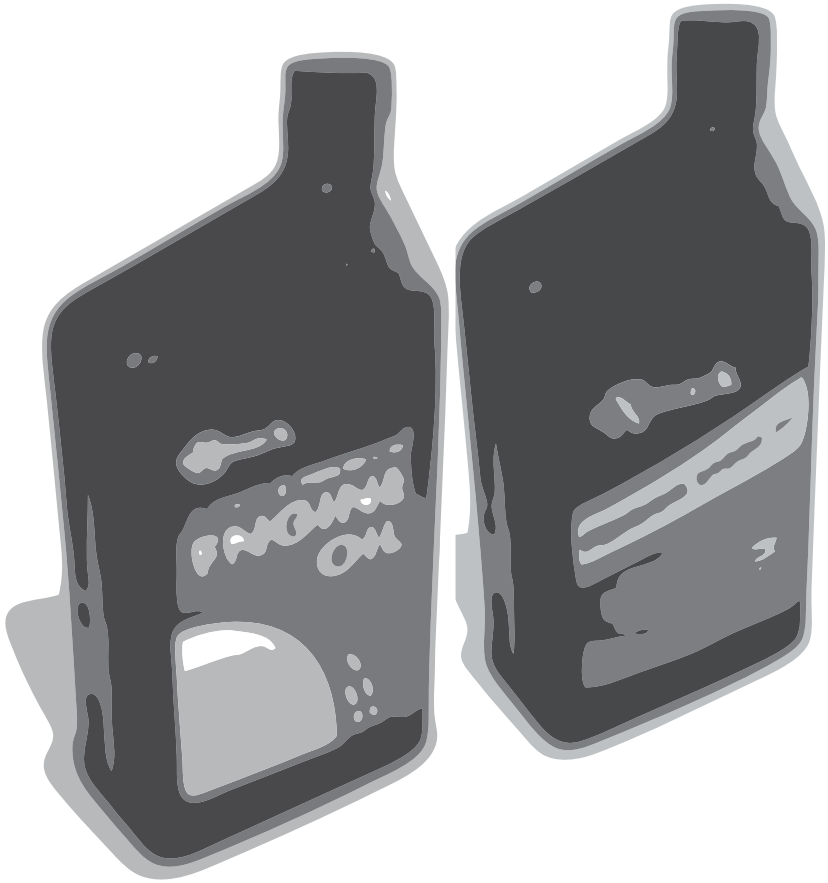
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SUN SHADE
TRASH CONTAINER
TURF STRIPER
ULTRA VAC COLLECTION SYSTEM
ULTRA VAC QUICK DISPOSAL SYSTEM

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FLOOR PAN EXTENDER
HITCH KIT
LIGHT KIT
MICRO-MULCH SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)
SNOW BLADE
SNOWBLOWER
SUN SHADE
TRASH CONTAINER
ULTRA VAC COLLECTION SYSTEM
ULTRA VAC QUICK DISPOSAL SYSTEM
WEATHER CAB

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER
MICRO-MULCH SYSTEM
TURF STRIPER
STANDON

*Some accessories and options not available for some models.

Place Model No. and Serial No. Label Here (Included in the Literature Pack) or Fill in Below

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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