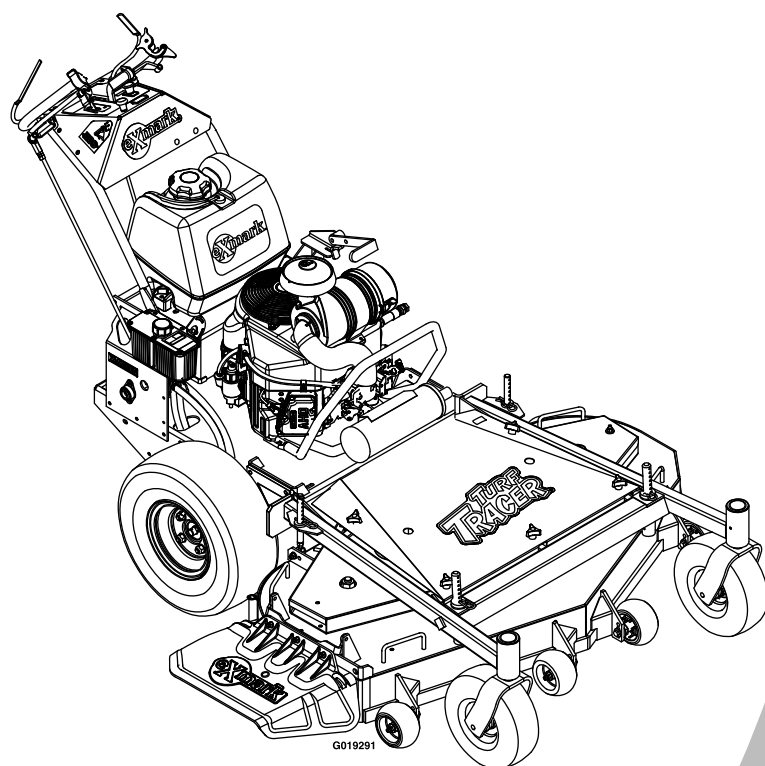




TURF TRACER® X-SERIES

Model No. TTX691KAE604—Serial No. 313000000 and Up

Picture below may not reflect actual product.



Parts Manual

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required	HJ: hex jam	PRH: phillips round head
ASM: assembly	HLH: hex lag head	PTH: phillips truss head
BBC: blade brake control	HOC: height-of-cut	PTO: power-take-off
BHTF: button head thread forming	HSBH: hex socket button head	RH: right hand
CARR: carriage	HSFH: hex socket flat head	ROPS: roll-over protection system
CCW: counter clockwise	HSH: hex socket head	RRB: rear roller brush
CW: clockwise	HWH: hex washer head	SFH: slotted fillister head
DEG: degrees	HWHTF: hex washer head thread forming	SHH: slotted hex head
DPA: Dual Point Adjustment	HYD: hydraulic	SHWH: slotted hex washer head
ECM: electronic control module	LH: left hand	SPH: slotted pan head
EXT: external	LP: Liquefied Petroleum Gas	SQH: square head
FH: flat head	LPG: Liquefied Petroleum Gas	SRH: slotted round head
GA: gauge	NI: nylon insert	STD: standard
HD: heavy-duty	NPTF: national pipe thread fine	TAP: self tapping
HF: hex flange	PFH: phillips flat head	TTH: torx truss head
HH: hex head	PPH: phillips pan head	
HHF: hex head flange	PPHTF: phillips pan head thread forming	
HHFTF: hex head flange thread forming		

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).

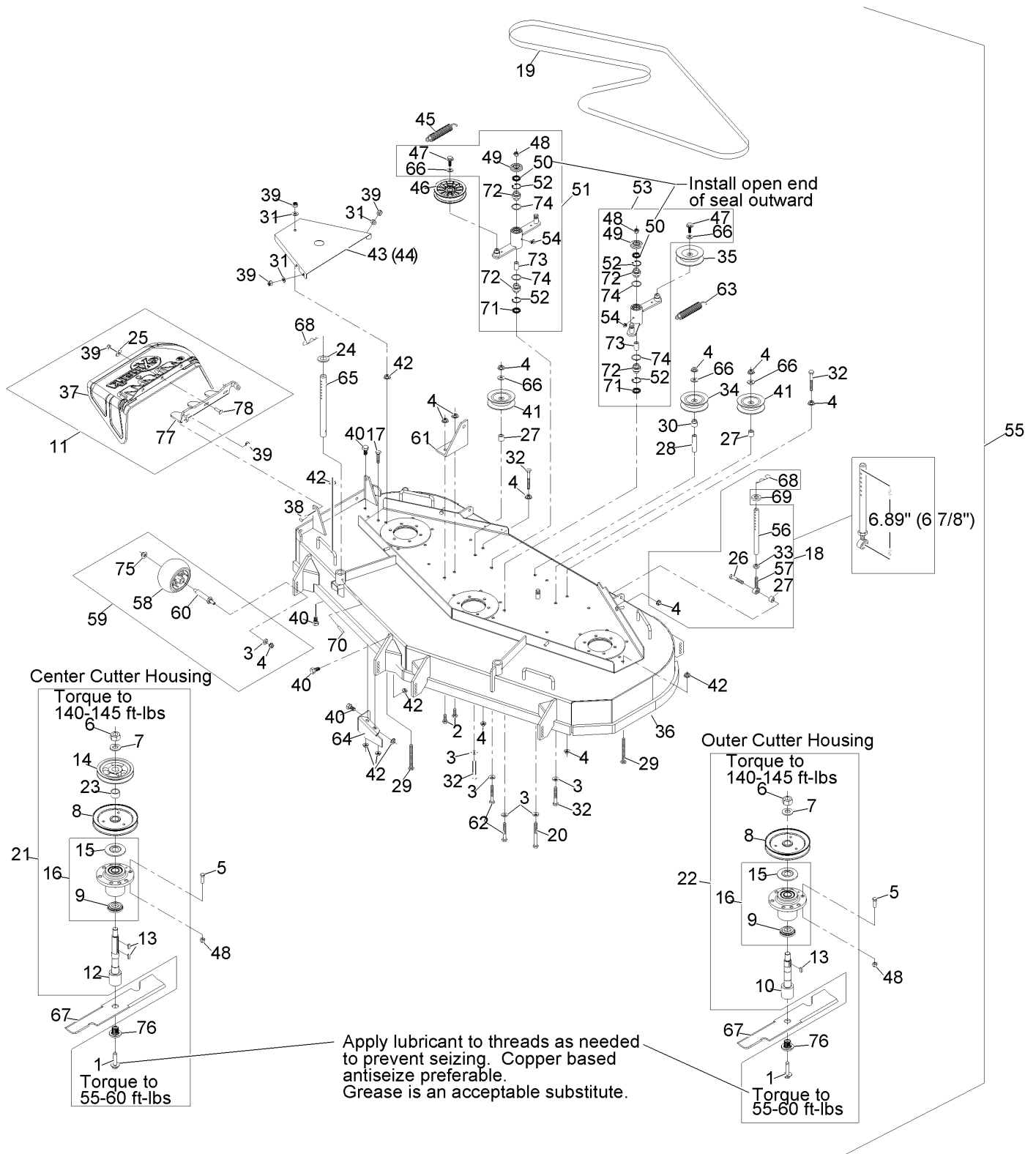


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

Contents

Deck Assembly	4
Deck Support Assembly	6
ECS Upper Handles and Controls Assembly	8
Engine Deck Assembly	10
Park Brake and Engine Assembly	12
Fuel Tank Assembly	14
Hydraulics Assembly	15
Electrical Assembly	16
Decals	17

Deck Assembly



Deck Assembly (continued)

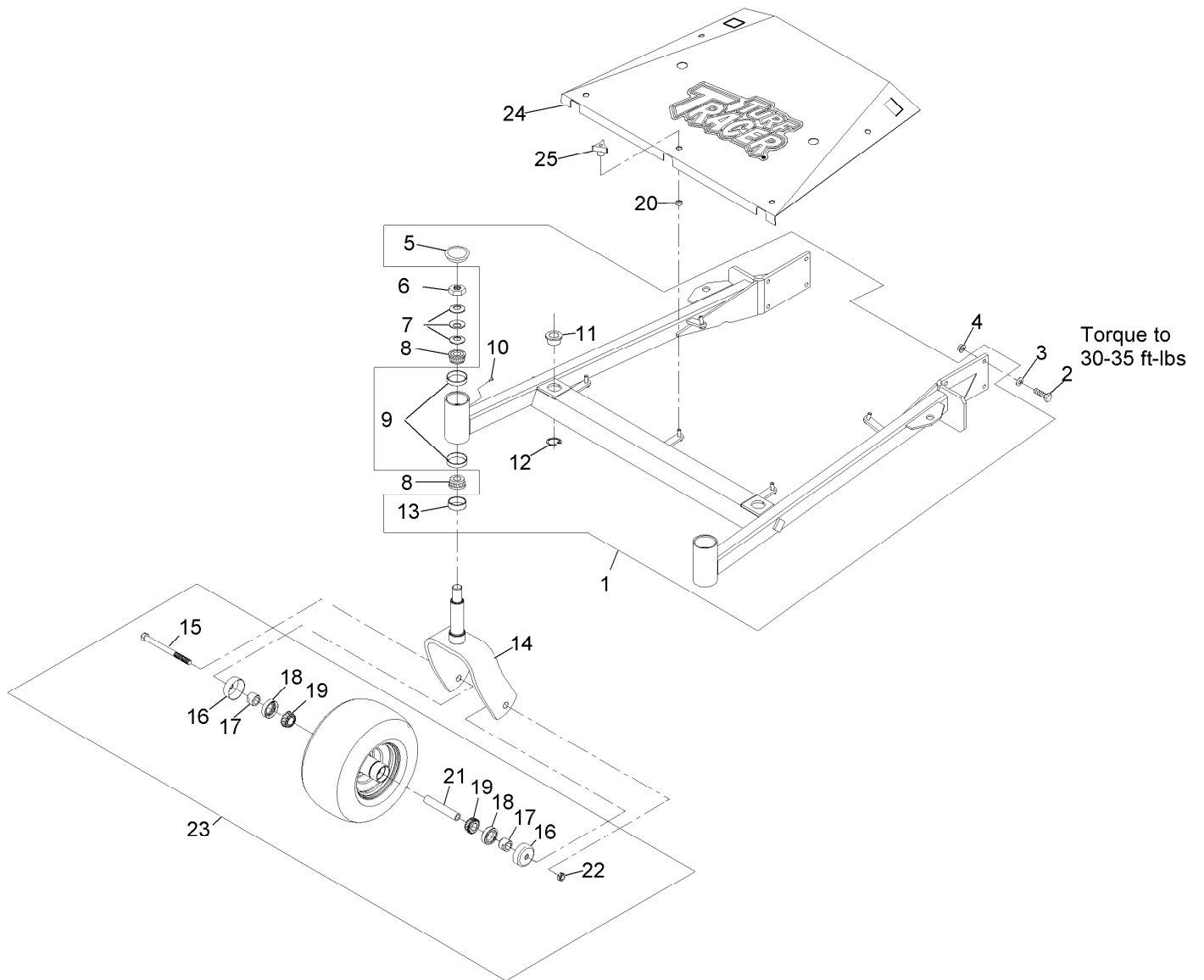
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	109-9220	3	Screw-Sems 1/2-20 X 2.19	41	1-303516	2	Pulley, V-Idler
2	323-6	2	Screw-HH 3/8-16 X 1	42	32128-20	8	Nut-Whizlock 5/16-18
3	98-5975	11	Washer-Spring Disc 3/8	43	103-2967-01	1	Shield, Belt RH
4	3290-357	17	Nut-Whizlock 3/8-16	44	103-2968-01	1	Shield, Belt LH
5	323-8	18	Screw-HH 3/8-16 X 1 1/2	45	1-603413	1	Spring-Extension
6	3217-46	3	Nut-Hex 3/4-16 Heavy	46	109-4077	1	Pulley-Idler, Flat
7	103-2802	3	Washer-Spring Disc 3/4	47	3234-11	2	Screw-HH Flg 3/8-16 X 1
8	103-2794	3	Sheave, Blade Drive ▲	48	3296-39	20	Nut-Nyloc 3/8-16
9	103-2535	3	Spacer-Guard Bottom	49	103-2916	2	Guard-Top
10	103-9086	2	Kit-Splined Spindle ▲	50	103-3506	2	Seal-Single Lip
11	109-4722	1	Asm, Discharge Chute	51	103-8072	1	Kit, Idler Arm W/Bearings ●
12	103-9087	1	Kit, Center Blade Spindle (Long) ▲	52	32120-10	4	Ring-Retaining
13	103-2982	4	Key-Machine 1/4 X 3/16 X 3/4	53	103-8071	1	Kit, Idler Arm W/Bearings ●
14	103-2791	1	Sheave, Mower Drive ▲	54	302-40	2	Zerk-90° 1/4-28
15	103-1330	3	Guard-Bearing Top ▲	55	116-5950	1	Complete Deck Assy
16	103-8280	3	Asm, Cutter Housing W/Bearings ▲	56	1-413525	2	Link, Rear Deck Support
17	322-3	1	Screw-HH 5/16-18 X 3/4	57	1-613204	2	Balljoint
18	1-411532	2	Kit, Support Link W/Pin	58	1-603299	6	Roller-Scalp, Anti
19	1-633173	1	Belt, Blade Drive	59	103-4051	6	Kit, Antiscalp Roller (44" And 48")
20	323-23	1	Screw-HH 3/8-16 X 4-1/2	60	99-2842	6	Spacer
21	103-9083	1	Housing, Cutter Complete (Center)	61	1-603620-01	1	Bracket, Spring Anchor
22	103-9076	2	Asm, Cutter Housing Complete	62	98-5961	2	Screw-HH 3/8-16 X 4 Gr8
23	103-3209	1	Spacer, Tube	63	1-603414	1	Spring-Extension
24	1-413425	2	Spacer	64	116-2072-01	1	Baffle
25	3256-82	3	Washer	65	1-603001	2	Rod, Deck Support
26	323-9	2	Screw-HH 3/8-16 X 1 3/4	66	3256-24	5	Washer-3/8 Sae
27	1-603050	4	Spacer	67	103-6403	3	Blade, Notched
28	1-633988	1	Spacer-Anchor, Clutch	67	103-6383	3	Blade, Solid
29	1-800017	2	Bolt-HH 5/16-18 X 3 1/4 Tap	67	103-6388	3	Blade, Low Lift
30	1-513791	1	Bushing	67	103-6393	3	Blade, Mulching ■
31	3256-3	6	Washer-5/16 Std	67	103-6398	3	Blade, Extreme
32	323-12	4	Screw-HH 3/8-16 X 2 1/2	68	1-806009	4	Hairpin-Cotter #206
33	3220-3	2	Nut-Jam 3/8-24	69	1-323539	2	Spacer-Blade Drive
34	1-603805	1	Pulley-Idler	70	1-806332	2	Rollpin 1/4 X 1 1/2
35	1-613098	1	Pulley-Idler	71	103-3505	2	Seal, Double, Lip
36	116-5952	1	Deck, (116-5863-01) W/ Decals	72	103-3504	4	Bearing-Spherical
37	109-2738	1	Chute, Discharge	73	1-413088	2	Spacer
38	322-5	2	Screw-HH 5/16-18 X 1	74	106-7159	4	O-Ring
39	3296-29	8	Nut-Nyloc 5/16-18	75	109-6658	6	Nut-Nyloc 3/8-16 Flg
40	322-2	5	Screw-HH 5/16-18 X 5/8	76	103-3037	3	Bushing, Splined
				77	109-4573-01	1	Bracket, Discharge Chute
				78	3230-22	3	Bolt-Carriage 5/16-18 X 1 Sp

● Assembly also includes Washer and Screw

■ Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.

▲ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize). See operator's manual for locations.

Deck Support Assembly

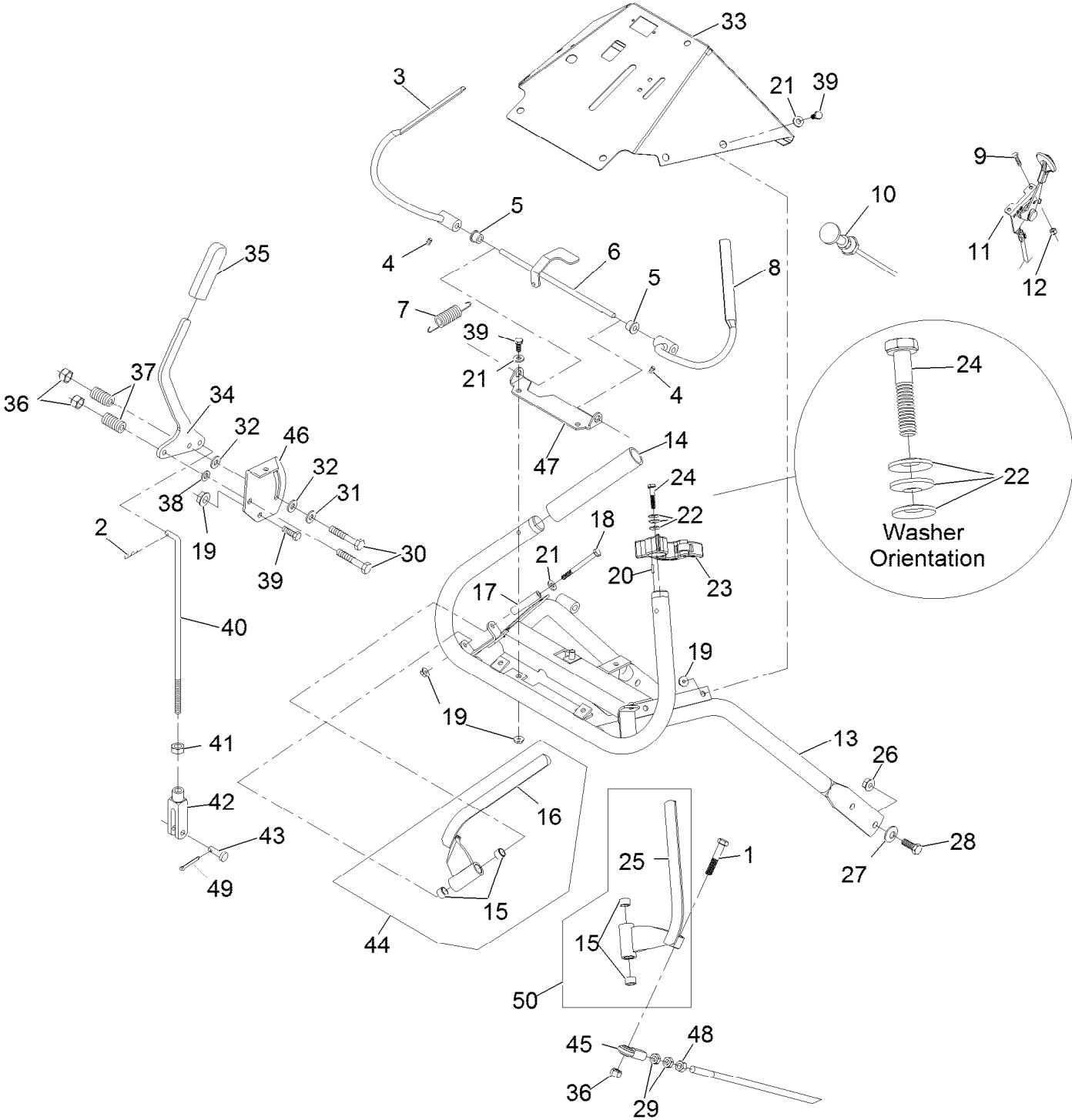


Deck Support Assembly (continued)

<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	103-1896	1	Support, Deck (103-4960-01) (60")	14	103-1891-01	2	Wld, Caster Fork
2	323-7	8	Screw-HH 3/8-16 X 1 1/4	15	325-20	2	Screw-HH 1/2-13 X 6
3	98-5975	8	Washer-Spring Disc 3/8	16	103-2768	4	Guard-Seal
4	3290-357	8	Nut-Whizlock 3/8-16	17	103-3051	4	Spacer-Nut ●
5	103-4882	2	Cap-Grease	18	103-0063	4	Seal-Double Lip
6	3296-51	2	Nut-Nyloc 3/4-10	19	1-633585	4	Bearing-Cone Tapered Roller
7	1-633508	6	Washer-Spring Disc	20	1-323417	5	Washer-Belt Shield
8	1-543509	4	Cone-Bearing Tapered Roller	21	103-3157	2	Axle-Caster
9	1-543508	4	Cup-Bearing Tapered Roller	22	3296-45	2	Nut-Nyloc 1/2-13 Thin
10	1-811010	2	Plug	23	109-3524	2	Asm, Wheel & Tire With Axle
11	1-513336	2	Bushing-Deck	24	116-2709	1	Shield, Belt (103-2273-01) W/Decal (60")
12	32120-33	2	Ring-Retaining	25	1-323385	5	Knob-3 Prong
13	1-543511	2	Seal-Grease				

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

ECS Upper Handles and Controls Assembly



ECS Upper Handles and Controls Assembly (continued)

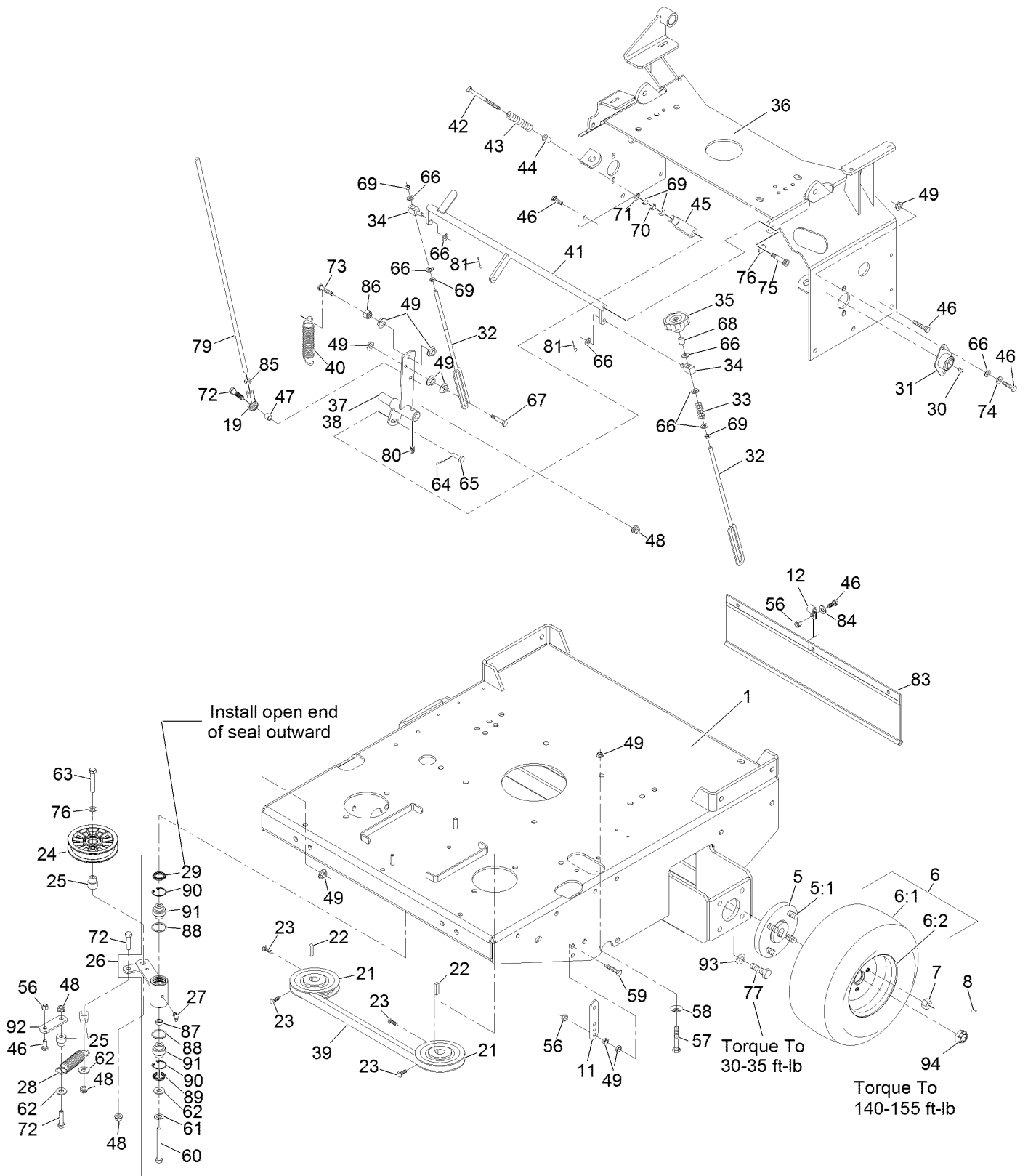
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	322-9	2	Screw-HH 5/16-18 X 1 3/4	26	3290-357	4	Nut-Whizlock 3/8-16
2	1-806003	1	Hairpin-Cotter	27	98-5975	4	Washer-Spring Disc 3/8
3	116-4079	1	Wld, Lever, Opc (LH) ▲	28	323-6	4	Screw-HH 3/8-16 X 1
4	1-803322	2	Setscrew-5/16-24 X 5/16 ■	29	3220-3	4	Nut-Jam 3/8-24
5	1-303365	2	Bushing-Nylon	30	322-10	2	Screw-HH 5/16-18 X 2
6	103-0769-03	1	Rod Weldment, Opc	31	1-603716	1	Washer-Friction Disc
7	1-303363	1	Spring-Extension	32	1-323244	2	Washer-Friction
8	116-4080	1	Wld, Opc Lever (RH) ▲	33	109-4508	1	Console 109-4506-03 W/ Decals
9	1-807513	2	Bolt-Carriage #10-24 X 1/2	34	116-8632	1	Lever-Shift W/Grip
10	110-5720	1	Control-Choke, Push / Pull	35	103-5994	1	Grip, Steering Handle
11	116-2426	1	Cable, Throttle	36	3296-29	4	Nut-Nyloc 5/16-18
12	3296-2	2	Nut-Nyloc #10-24	37	1-323245	2	Spring-Compression
13	103-1537-03	1	Handle Wld, Upper Ecs	38	3256-23	1	Washer-5/16 Sae
14	103-0815	2	Grip-Bar, Handle	39	321-3	10	Screw-HH 1/4-20 X 5/8
15	1-413152	4	Bushing-Sleeve	40	1-413225	1	Rod, Speed Control
16	116-4081	1	Lever, Drive LH	41	3220-2	1	Nut-Jam 5/16-24
17	103-0027	2	Bushing-Lever, Drive	42	1-303105	1	Yoke-Adjustable
18	321-14	2	Screw-HH 1/4-20 X 2 3/4	43	1-808280	1	Pin-Clevis 5/16 X 1 49/64
19	32128-33	12	Nut-Whizlock 1/4-20	44	103-2514	1	Asm, Drive Lever LH
20	103-0464	2	Pin-Spring 1/8 X 1/2	45	103-2463	2	Balljoint
21	3256-22	10	Washer-1/4 Sae	46	103-0503	1	Bracket, Shifter Slide
22	1-303435	6	Washer-Spring Disc 1/4	47	103-0489-03	1	Bracket, Opc Axle
23	103-1371	1	Thumb Latch Asm RH	48	3219-3	2	Nut-Hex 3/8-24
23	103-1372	1	Thumb Latch Asm LH ●	49	3272-5	1	Pin-Cotter 3/32 X 1/2
24	103-0235	2	Screw-HH 1/4-20 X 1 1/8 W/Nylon ■	50	103-2513	1	Asm, Drive Lever RH
25	116-4082	1	Lever, Drive RH				

● Not illustrated

■ 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 inside of bore of OPC hub.

Engine Deck Assembly



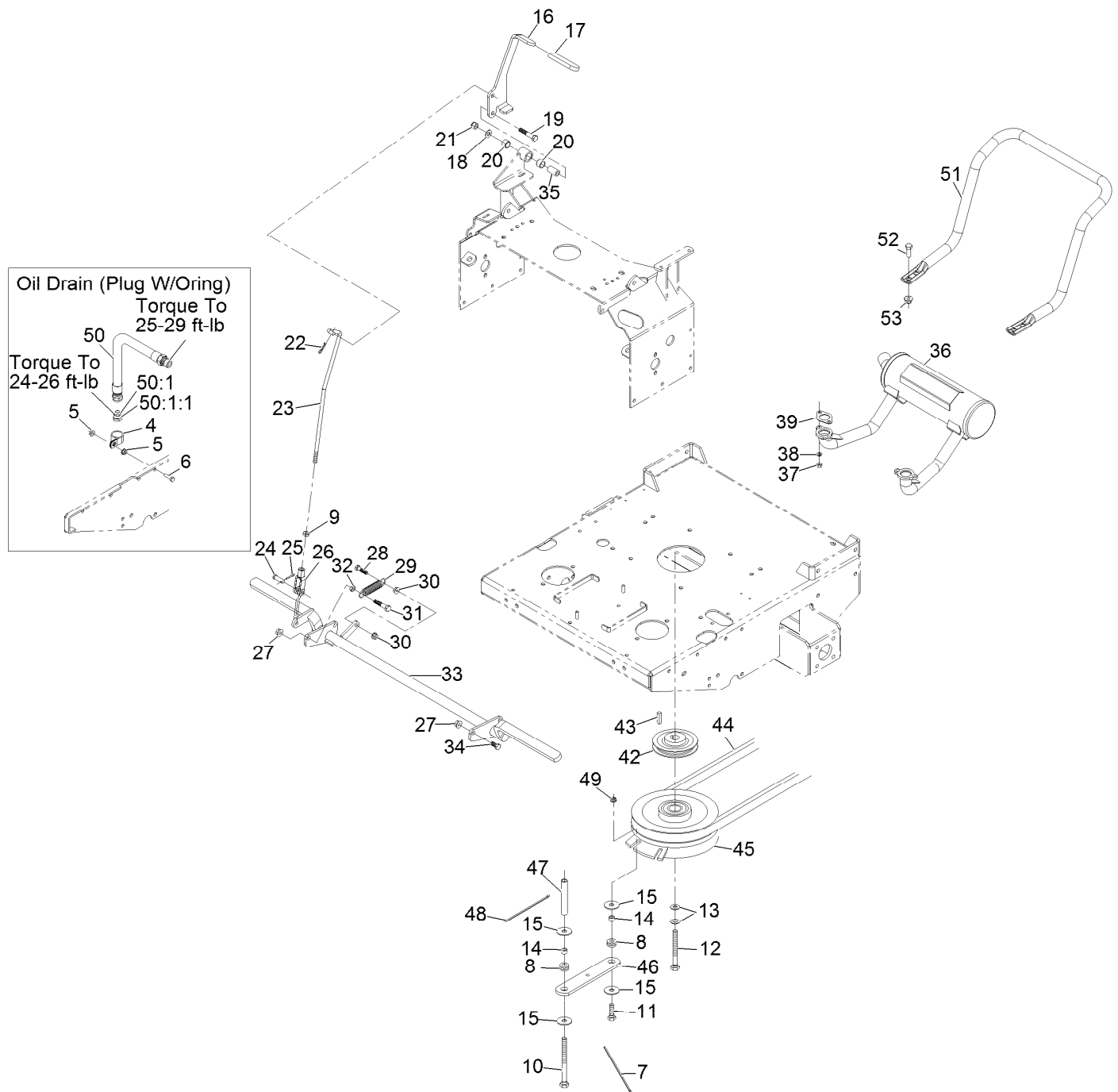
Engine Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-6130	1	Eng Deck (116-8949-01) W/ Decals	49	32128-20	27	Nut-Whizlock 5/16-18
5	112-9049	2	Wheel Hub ASM	56	3296-29	6	Nut-Nyloc 5/16-18
5:1	1-633926	8	Stud-Wheel	57	322-7	4	Screw-HH 5/16-18 X 1 1/2
6	103-1715	2	Tire And Wheel Assy	58	1-303334	4	Washer-Spring Disc 5/16
6:1	103-2237	2	Tire	59	1-800016	2	Bolt-HH 5/16-18 X 1 1/4 Tap
6:2	103-2238	2	Wheel Only	60	1-800805	1	Screw-HH 3/8-16 X 3-1/2 Gr8 ■
7	242-50	8	Nut-Lug 1/2-20	61	3253-5	1	Washer-Lock 3/8 Heavy
8	1-807019	2	Key-Woodruff 1 X 1/4	62	3256-4	3	Washer-3/8 Std
11	1-613089	2	Tab-Spring, Extension	63	323-9	1	Screw-HH 3/8-16 X 1 3/4
12	1-413510	3	Clip-Loom	64	1-806003	2	Hairpin-Cotter
19	103-1167	2	Joint-Ball End, .38X.38Fe LH	65	1-808280	2	Pin-Clevis 5/16 X 1 49/64
21	1-413010	2	Sheave ASM	66	3256-23	11	Washer-5/16 Sae
22	1-807272	2	Key-5Mm X 5Mm X 25Mm	67	1-403180	2	Screw-HH 5/16-18 X 1 3/8 Special
23	120-6474	4	Screw-Set, SQH ■	68	1-603903	1	Spacer
24	109-4077	1	Pulley-Idler, Flat	69	3219-2	7	Nut-Hex 5/16-24
25	1-603496	3	Bushing-Idler	70	3220-2	2	Nut-Jam 5/16-24
26	109-2578	1	Kit, Idler Arm W/Bearings	71	3256-2	2	Washer-1/4 Std
27	302-40	1	Zerk-90° 1/4-28	72	323-8	4	Screw-HH 3/8-16 X 1 1/2
28	1-603414	1	Spring-Extension	73	116-3515	2	Screw,HH Special 5/16-18 X 1.25
29	103-3506	1	Seal-Single Lip	74	1-805005	4	Washer-Lock 5/16 Heavy
30	302-19	2	Zerk-1/4-28 Str	75	1-809056	2	Screw-Sh 5/16-18 X 1 3/8 ■
31	1-633102	2	Bearing-Flanged	76	3256-24	3	Washer-3/8 Sae
32	1-613206	2	Rod, Control Arm	77	323-6	8	Screw-HH 3/8-16 X 1
33	1-323245	1	Spring-Compression	79	103-1576	2	Rod, Drive Lever
34	1-603676	2	Swivel-Adjustable, Short	80	1-803022	2	Setscrew-5/16-18 X 5/8 ■
35	103-3060	1	Knob-Tracking	81	3272-5	2	Pin-Cotter 3/32 X 1/2
36	116-1792-01	1	Support, Tank/Handle	83	103-2224	1	Shield, Drag
37	103-1561-01	1	Arm, Control LH	84	3256-3	3	Washer-5/16 Std
38	103-1562-01	1	Arm, Control RH ●	85	3220-16	2	Nut-Jam 3/8-24 LH
39	109-2584	1	Belt, Hyd Trans Drive (A-Section Belt)	86	3218-2	2	Nut-Jam 5/16-18
40	1-603693	2	Spring	87	103-5677	1	Spacer
41	103-2234-01	1	Crank Weldment	88	106-7159	2	O-Ring
42	1-603737	2	Bolt-Neutral Return	89	103-3505	1	Seal-Double Lip
43	103-0265	2	Spring, Neutral Return	90	32120-10	2	Ring-Retaining
44	1-603735	2	Bushing-Flanged	91	103-3504	2	Bearing-Spherical
45	1-303105	2	Yoke-Adjustable	92	1-633068	1	Arm-Lift, Deck
46	322-3	14	Screw-HH 5/16-18 X 3/4	93	98-5975	8	Washer-Spring Disc 3/8
47	103-2421	2	Tube, Pump Link Spacer	94	116-2839	2	Nut-Lock
48	3290-357	6	Nut-Whizlock 3/8-16				

● Not illustrated

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

Park Brake and Engine Assembly



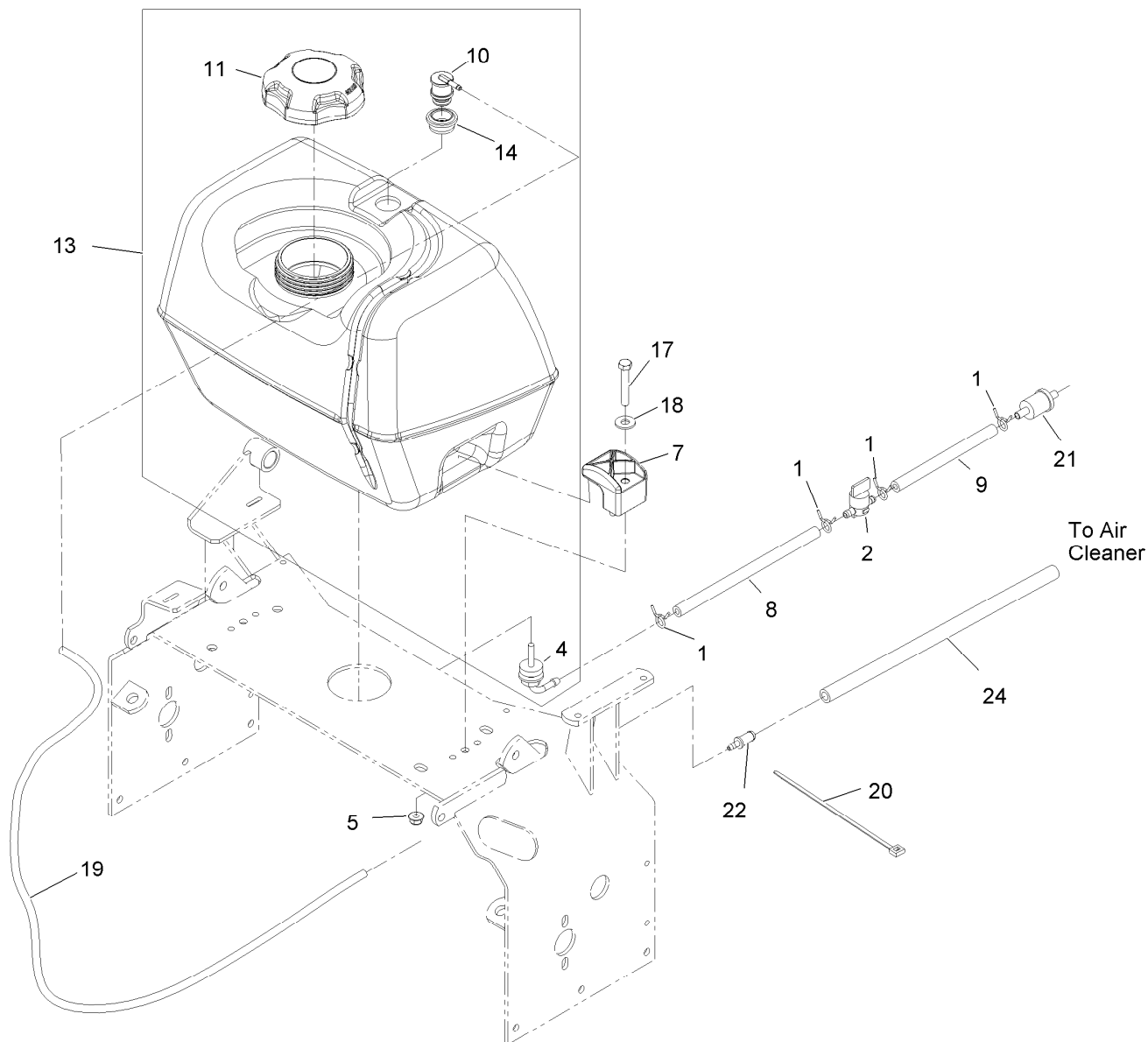
Park Brake and Engine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	1-643312	1	Clip-Loom	29	1-323161	1	Spring
5	32128-33	2	Nut-Whizlock 1/4-20	30	32128-20	6	Nut-Whizlock 5/16-18
6	321-6	1	Screw-HH 1/4-20 X 1	31	323-9	1	Screw-HH 3/8-16 X 1 3/4
7	1-303335	1	Tie-Cable 7 15/16 (Large)	32	3218-3	1	Nut-Jam 3/8-16
8	1-633630	2	Grommet	33	103-2205-03	1	Brake Weldmt
9	3220-3	1	Nut-Jam 3/8-24	34	323-4	3	Screw-HH 3/8-16 X 3/4
10	322-38	1	Screw-HH	35	1-413344	1	Bushing-Pivot
11	322-6	1	Screw-HH 5/16-18 X 1 1/4	36	116-3736	1	Muffler
12	3212-12	1	Screw-HH 7/16-20 X 3 ▲	37	114-3549	2	Nut-M8
13	1-603610	2	Washer-Spring Disc 7/16	38	114-3550	2	Washer-Lock, Spring
14	1-633545	2	Spacer	39	1-653313	2	Gasket-Exhaust
15	1-613235	4	Washer	42	1-653035	1	Pulley ●
16	109-4544	1	Lever, Park Brake (109-4543-03) W/Decal And Grip	43	1-807259	1	Key-Machine 1/4 X 1/4 X 1
17	1-303020	1	Grip-Lever	44	1-603306	1	Belt, Deck Drive (60")
18	3256-24	1	Washer-3/8 Sae	45	103-0662	1	Clutch ASM
19	322-10	1	Screw-HH 5/16-18 X 2	46	1-633543-03	1	Strap-Clutch, Brake
20	1-413347	2	Sleeve-Bushing	47	1-323195-03	1	Standoff, Clutch
21	3296-39	1	Nut-Nyloc 3/8-16	48	1-303287	1	Tie-Cable 5 1/2 (Small)
22	1-806003	1	Hairpin-Cotter	49	32128-20	1	Nut-Whizlock 5/16-18
23	109-4078	1	Linkage, Park Brake	50	116-4924	1	Asm-Hose Oil Drain W/Plug ■
24	1-808285	1	Pin-Clevis 3/8 X 1 1/8	50:1	353-508	1	Plug-W/O-Ring
25	3272-10	1	Pin-Cotter 1/8 X 3/4	50:1:1	237-42	1	O-Ring
26	1-633131	1	Yoke-Linkage, Brake	51	116-6278-03	1	Guard-Muffler
27	3290-357	4	Nut-Whizlock 3/8-16	52	323-6	4	Screw-HH 3/8-16 X 1
28	116-3515	1	Screw,HH Special 5/16-18 X 1.25	53	104-8301	4	Nut-Nyloc 3/8-16 Flg

● Install sheave with long end of hub up.

■ Use a Teflon Pipe Sealant or equivalent on threads.

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



Fuel Tank Assembly

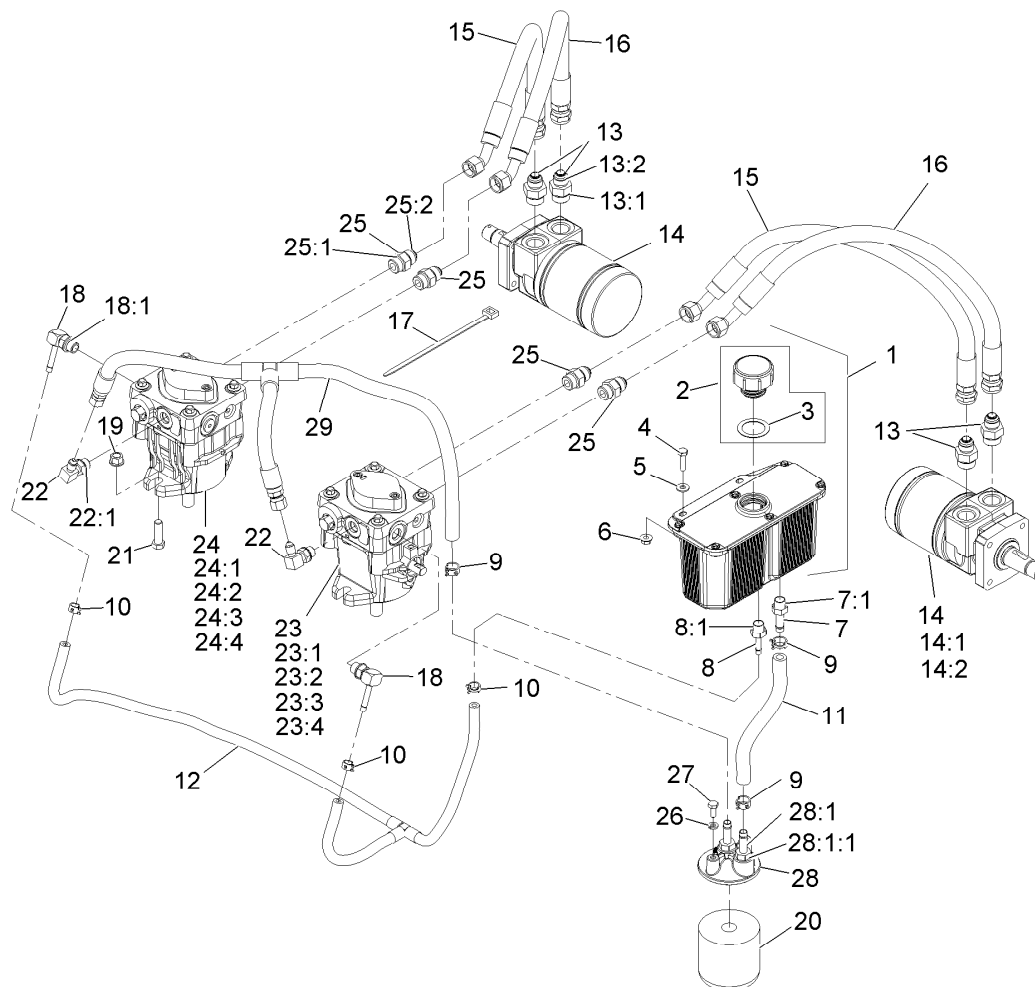
Ref.	Part Number	Qty.	Description
1	1-303077	4	Clamp
2	1-603770	1	Valve-Fuel
4	103-2605	1	Fitting-Fuel, Bulkhead ▲
5	104-8300	2	Nut-Flange, NI
7	107-4543	2	Clamp
8	109-0304	1	Hose-Fuel
9	109-0304	1	Hose-Fuel
10	114-0285	1	Valve-Rollover
11	115-4465	1	Cap-Fuel, Ratcheting
13	116-3656	1	ASM, Fuel Tank

Ref.	Part Number	Qty.	Description
14	119-6549	1	Grommet-Valve, Roll-Over
17	322-10	2	Screw-HH
18	3256-3	2	Washer-Flat
19	116-4346	1	Hose-Emissions
20	1-303335	1	Tie-Plastic
21		1	Pn 49019-0014 Filter W/6In Fuel Line ■●
22	98-2952	1	Fitting-Straight
24	116-4344	1	Hose-Fuel

● Not serviced separately

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

■ Obtain parts from www.kawpowerepc.com

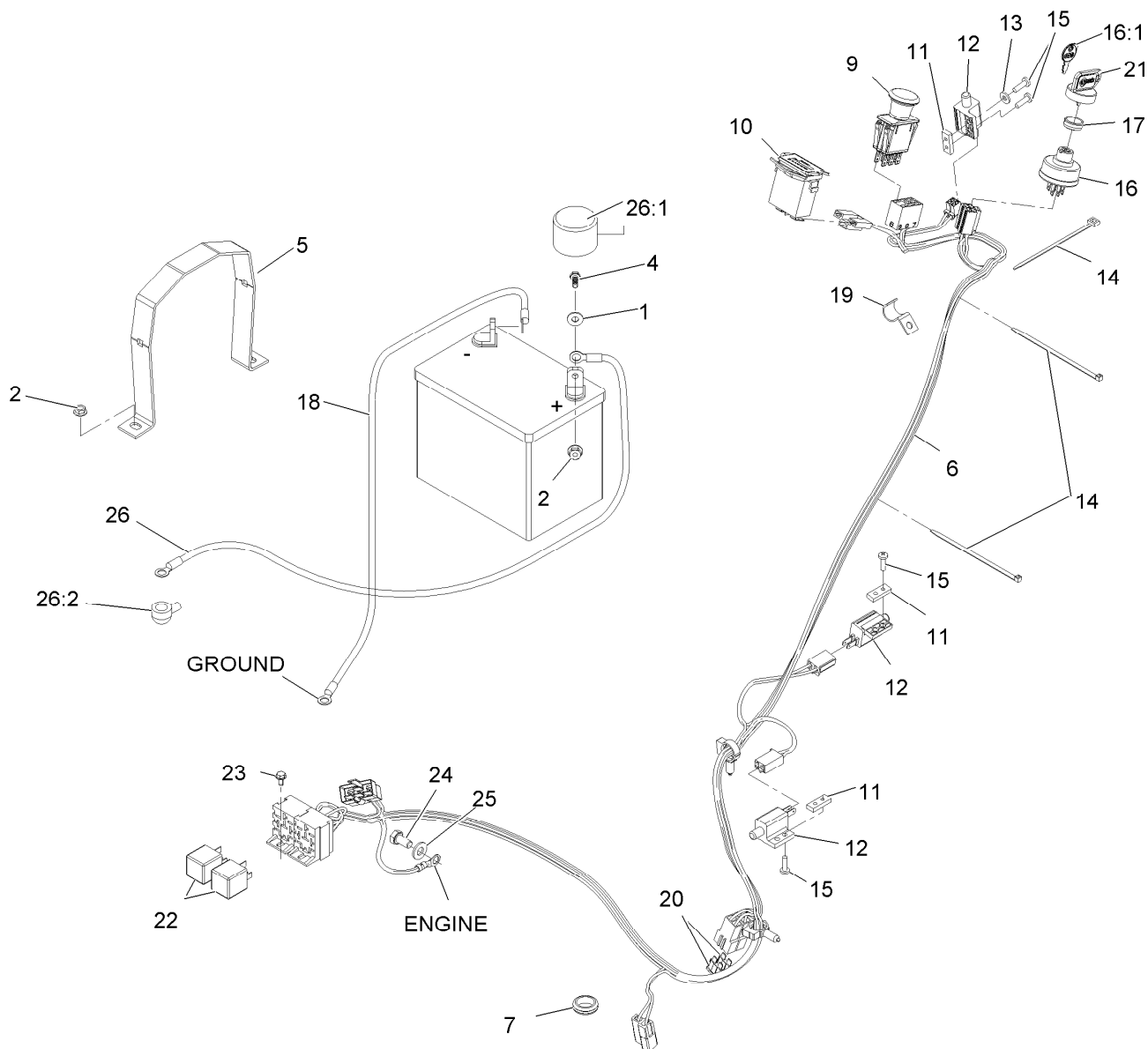


Hydraulics Assembly

Ref.	Part Number	Qty.	Description
1	103-1947	1	HYD Reservoir ASM
2	103-7615	1	Asm, Cap W/Gasket
3	103-1949	1	Gasket-Cap
4	321-6	2	Screw-HH 1/4-20 X 1
5	3256-22	2	Washer-1/4 Sae
6	32128-33	2	Nut-Whizlock 1/4-20
7	103-1912	1	Adapter-Straight
7:1	1-603921	1	O-Ring-Sae #6
8	103-1801	1	Adapter-Straight
8:1	1-603921	1	O-Ring-Sae #6
9	103-1988	3	Clamp-Hose 11/16
10	103-1716	3	Clamp-Hose 17/32
11	109-1010	1	Hose, Charge
12	103-4607	1	Asm, Case Drain Hose
13	1-603991	4	Adapter-Straight
13:1	1-603919	1	O-Ring-Sae #10
13:2	1-603992	1	O-Ring-37 Flare #8
14	1-603718	2	HYD Motor ASM
14:1	1-000119	1	Seal Kit
14:2	1-000138	1	Bearing And Seal Kit
15	116-8646	2	Hose, Hydro
16	116-8647	2	Hose, Hydro
17	1-303335	1	Tie-Cable 7 15/16 (Large)
18	103-1799	2	Elbow-90 DEG
18:1	1-603921	1	O-Ring-Sae #6
19	32128-43	4	Nut-Whizlock 3/8-16

Ref.	Part Number	Qty.	Description
20	109-4180	1	Filter,25 Micron Bi-Directional
20	1-523541	1	Element, Oil Filter(Winter)●
21	323-7	4	Screw-HH 3/8-16 X 1 1/4
22	103-1802	2	Fitting-HYD, 90 DEG
22:1	1-603921	1	O-Ring-Sae #6
23	116-2495	1	Pump, Hydro RH
23:1	103-2664	1	Input Shaft Kit
23:2	94-6922	1	Bearing-Thrust
23:3	103-2666	1	Cylinder Block Kit
23:4	105-6184	1	Seal Overhaul Kit
24	116-2494	1	Pump, Hydro LH
24:1	103-2664	1	Input Shaft Kit
24:2	94-6922	1	Bearing-Thrust
24:3	103-2666	1	Cylinder Block Kit
24:4	105-6184	1	Seal Overhaul Kit
25	1-603990	4	Adapter-Straight
25:1	1-603920	1	O-Ring-Sae #8
25:2	1-603992	1	O-Ring-37 Flare #8
26	1-805004	2	Washer-Lock 1/4 Heavy
27	321-3	2	Screw-HH 1/4-20 X 5/8
28	103-2889	1	Filter Head ASM
28:1	103-1912	2	Adapter-Straight
28:1:1	1-603921	1	O-Ring-Sae #6
29	103-4608	1	Asm, Charge Hose

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



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	3256-2	2	Washer-Flat
2	32128-33	4	Nut-HF
4	321-4	2	Screw-HH
5	1-603814-03	1	Strap, Battery Holddown
6	116-8374	1	Harness, Wiring
7	1-543286	1	Grommet
9	103-5221	1	Switch-PTO
10	1-513374	1	Meter-Hour
11	1-633181	3	Plate-Tapped
12	1-513051	3	Switch-Open, Normally
13	3256-14	1	Washer-Flat
14	1-303335	3	Tie-Plastic
15	3290-500	6	Screw-PPH
16	103-0206	1	Switch-Starting, Key

Ref.	Part Number	Qty.	Description
16:1	1-603511	1	Keys,Ignition
17	103-0498	1	Nut-Switch, Ignition
18	1-543767	1	Wire-Ground
19	103-1193	2	Clip-Half, Loom
20	1-816001	2	Fuse-Blade Type, 20 Amp
21	103-2106	1	Key,Exmark Logo
22	1-643275	2	Relay
23	104-2065	2	Screw-HWH
24	33114-016	1	Screw-HH
25	33094-00	1	Washer-Plain
26	109-7630	1	Positive Battery Cable ASM
26:1	109-2407	1	Insulator-Battery
26:2	1-543393	1	Insulator-Solenoid



Decals

Ref.	Part Number	Qty.	Description
1	103-1541	1	Decal, Console Ecs
2	116-0404	1	Decal-Hydraulic Tank
3	103-2432	1	Decal, Brake Lever
4	1-403143	1	Decal, Sully Warning
5	103-4935	1	Decal, Drive Wheel Release
6	117-2718	1	Decal-Arrester, Spark
7	1-413214	1	Decal, Tracking
8	1-303517	1	Decal, Belt Drive
9	103-2242	1	Decal, Ecs Instruction LH
10	103-2243	1	Decal, Ecs Instruction RH
11	1-553049	1	Decal, Mower Deck

Ref.	Part Number	Qty.	Description
12	1-303508	1	Decal-Warning, Discharge
13	98-5954	3	Decal-Cover, Missing
14	109-3148	1	Decal, Bolt Torque
15	103-2239	1	Decal, Belt Routing
16	1-403005	2	Decal-Danger
17	103-2076	2	Decal-Caution
18	116-3883	2	Decal-X-Series
19	116-0025	1	Decal, UltraCut 60 Series 4
20	103-3013	1	Decal, Turf Tracer
21	103-2882	1	Decal, Exmark Logo
99	103-5828	1	Kit, Decal Complete •

• Not illustrated

Notes:

Notes:

EXMARK ACCESSORIES AND OPTIONS*

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM	OPERATOR CONTROLLED DISCHARGE
FULL SUSPENSION SEAT	SUN SHADE
DECK LIFT ASSIST KIT	TRASH CONTAINER
HITCH KIT	TURF STRIPER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
12V POWER PORT	ULTRA VAC QUICK DISPOSAL SYSTEM
MICRO-MULCH SYSTEM	

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

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

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER	TURF STRIPER
MICRO-MULCH SYSTEM	STANDON

*Some accessories and options not available for some models.

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

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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