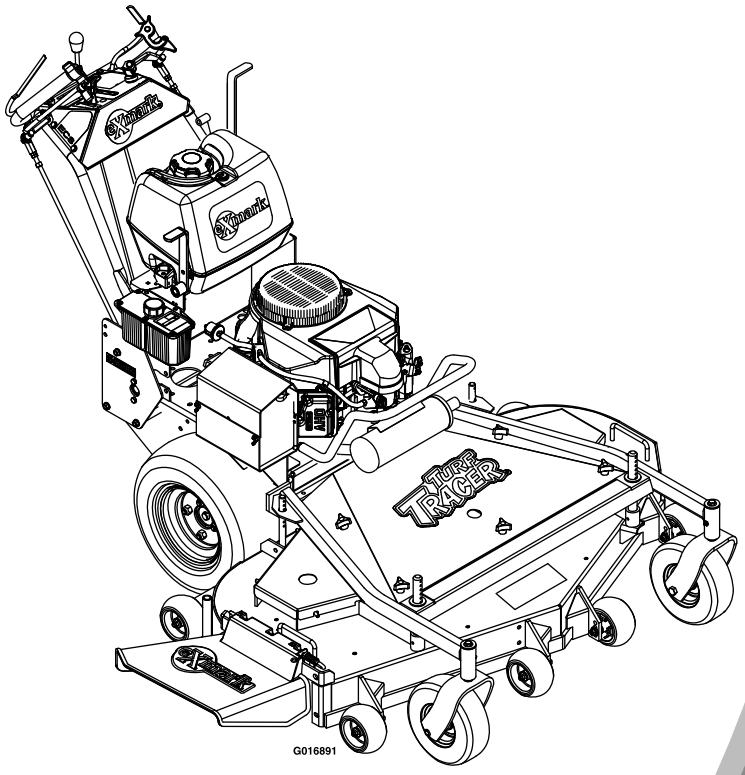
TURF TRACER®
S-SERIES

Model No. TTS481KA363CA—Serial No. 312000000 and Up

Picture below may not reflect actual product.



Parts Manual

Part No. 4500-958 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

LPG: Liquid Propane 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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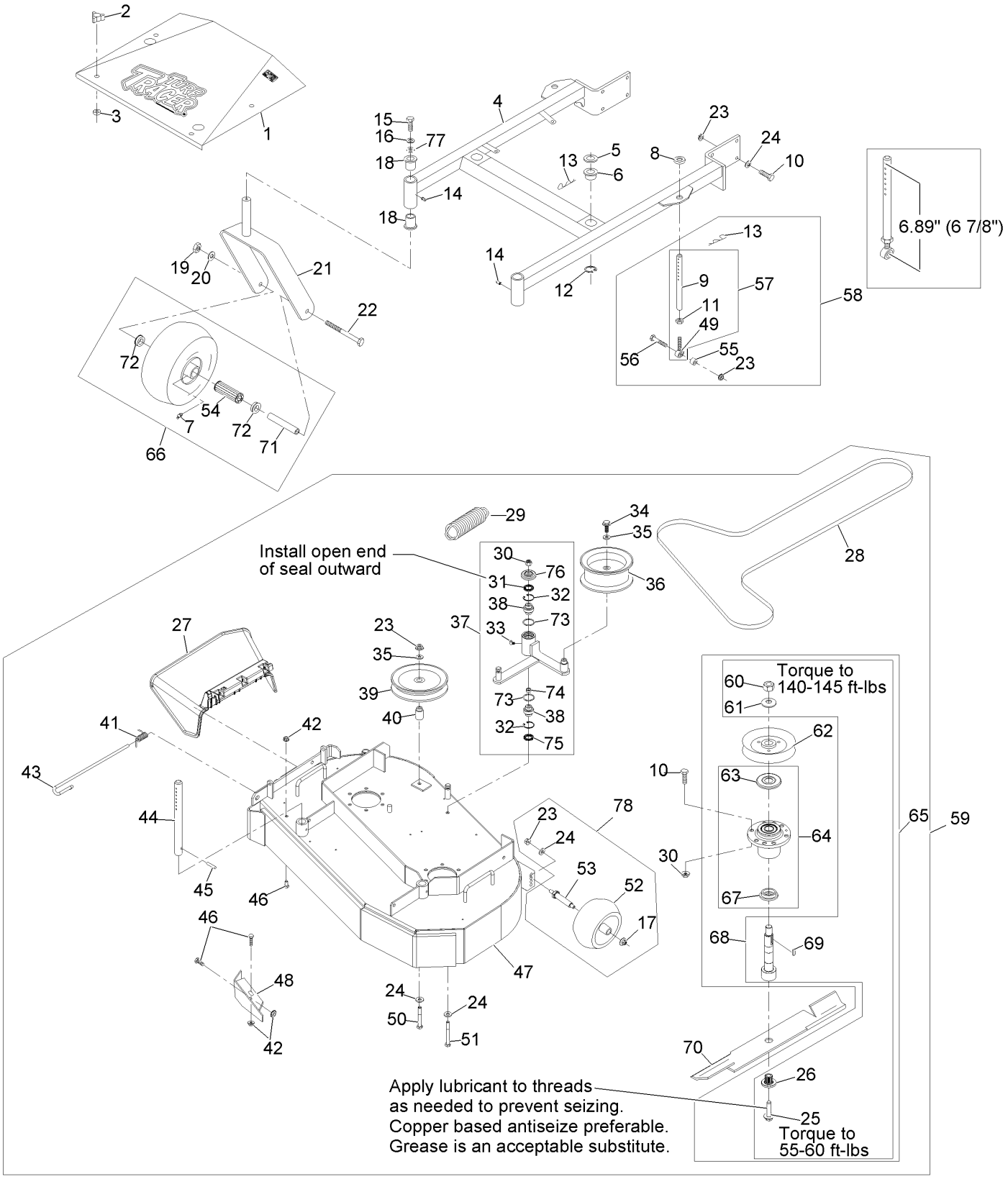


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

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Mower Deck Assembly



Mower Deck Assembly (continued)

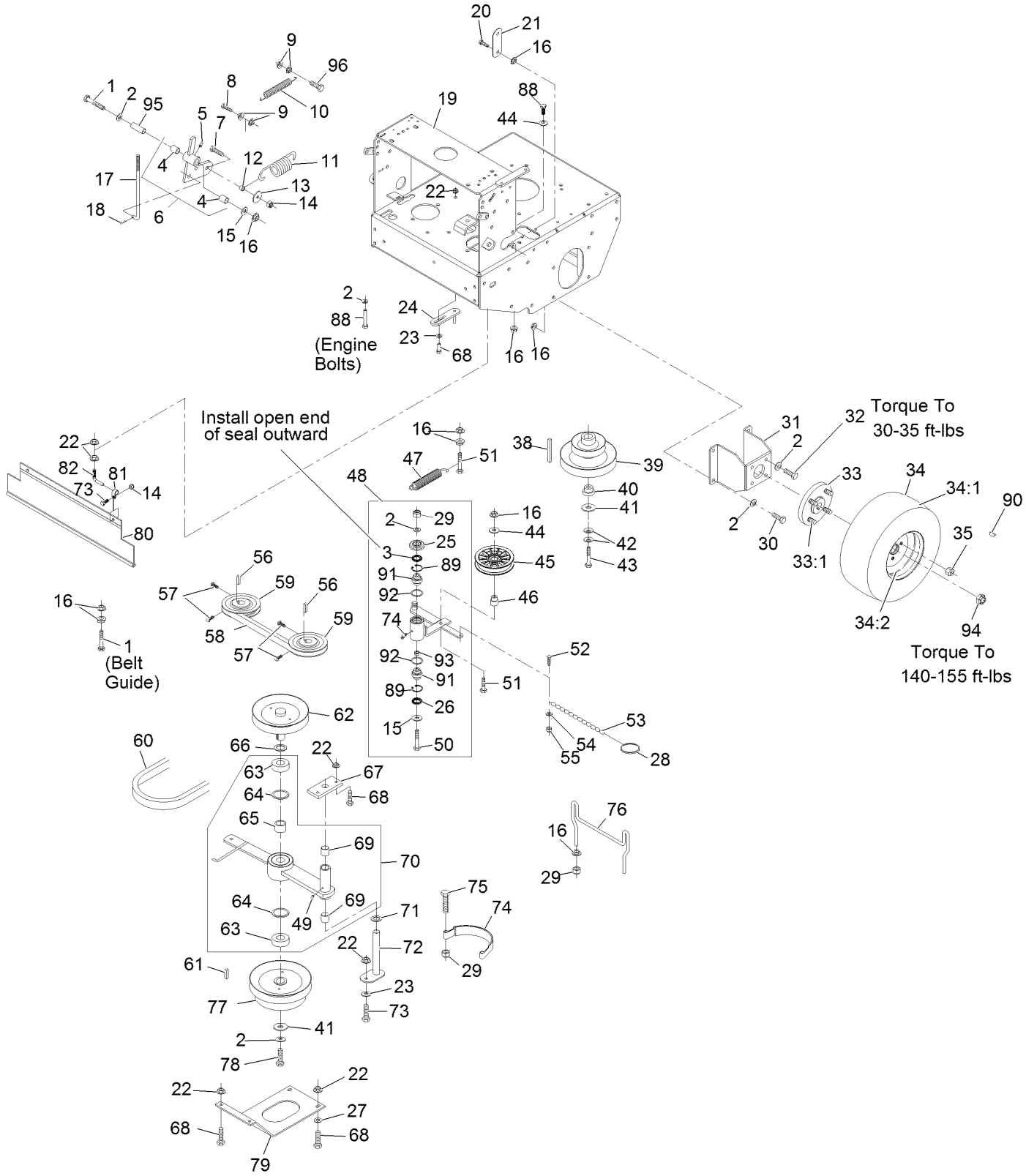
Ref.	Part Number	Qty.	Description
1	116-2710	1	Shield, Belt (1-413098-01) W/Decals
2	1-323385	4	Knob-3 Prong
3	1-323417	4	Washer-Belt Shield
4	1-414309	1	Wld, Support (1-412108-01) W/Bushings & Decals
5	1-413425	2	Spacer
6	1-513336	2	Bushing-Deck
7	302-61	2	Zerk-45° 1/4-28
8	1-323539	2	Spacer-Blade Drive
9	1-413525	2	Link, Rear Deck Support
10	323-7	20	Screw-HH 3/8-16 X 1 1/4
11	3220-3	2	Nut-Jam 3/8-24
12	32120-33	2	Ring-Retaining
13	1-806009	4	Hairpin-Cotter #206
14	302-52	2	Zerk-1/8-27 Str
15	323-6	2	Screw-HH 3/8-16 X 1
16	3253-5	2	Washer-Lock 3/8 Heavy
17	109-6658	2	Nut-Nyloc 3/8-16 Flg
18	1-303514	4	Bearing-Flanged
19	3217-9	2	Nut-Hex 1/2-13
20	3253-7	2	Washer-Lock 1/2
21	1-522143-01	2	Wld, Caster
22	325-20	2	Screw-HH 1/2-13 X 6
23	3290-357	11	Nut-Whizlock 3/8-16
24	98-5975	11	Washer-Spring Disc 3/8
25	109-9220	2	Screw-Sems 1/2-20 X 2.19
26	103-3037	2	Bushing,Splined
27	109-5151	1	Deflector-Discharge
28	1-413094	1	Belt, Deck Drive
29	103-3330	1	Spring-Extension
30	3296-39	13	Nut-Nyloc 3/8-16
31	103-3506	1	Seal-Single Lip
32	32120-10	2	Ring-Retaining
33	302-40	1	Zerk-90° 1/4-28
34	3234-11	1	Screw-HH Flg 3/8-16 X 1
35	3256-24	2	Washer-3/8 Sae
36	1-413099	1	Pulley-Idler
37	103-8584	1	Kit, Idler Arm (103-7327-03) W/Brgs ●
38	103-3504	2	Bearing-Spherical
39	1-613098	1	Pulley-Idler
40	1-413113	1	Bushing-Idler
41	116-0962	1	Spring, Torsion
42	32128-20	3	Nut-Whizlock 5/16-18
43	109-8854	1	Pin-Chute
44	1-603001	2	Rod, Deck Support
45	1-806332	2	Rollpin 1/4 X 1 1/2
46	322-2	3	Screw-HH 5/16-18 X 5/8
47	1-414383	1	Wld, Deck (116-0613-01) W/Decals,Discharge Baffle & Support Rods
48	116-2297-01	1	Baffle, Discharge
49	1-613204	2	Balljoint
50	323-13	1	Screw-HH 3/8-16 X 2 3/4
51	98-5961	1	Screw-HH 3/8-16 X 4 Gr8
52	1-603299	1	Roller-Scalp, Anti
53	99-2842	1	Spacer
54	1-513809	2	Bearing
55	1-603050	2	Spacer
56	323-9	2	Screw-HH 3/8-16 X 1 3/4
57	1-414521	2	Link, Assembly
58	1-411532	2	Kit, Support Link W/Pin
59	103-0320	1	Asm, Deck Complete
60	3217-46	2	Nut-Hex 3/4-16 Heavy
61	103-2802	2	Washer-Spring Disc 3/4
62	1-413424	2	Sheave W/ Hub ▲
63	103-1330	2	Guard-Bearing Top ▲
64	103-8280	2	Kit, Cutter Housing
65	103-9081	2	Asm, Cutter Housing Complete
66	103-2171	2	Kit, Tire & Wheel Asm W/ Spacer
67	103-2535	2	Spacer-Guard Bottom
68	103-9071	2	Kit, Spindle ▲
69	1-807268	2	Key-Machine 1/4 X 3/16 X 1
70	103-6402	2	Blade-Notched
70	103-6392	2	Blade, Mulch 18.0 (.94 Hole) ■
70	103-6387	2	Blade, Low Lift 18.0 (.94 Hole)
70	103-6382	2	Blade, Solid 18.0 (.94 Hole)
70	116-5175	2	Blade-Extreme 2, 18.00"
71	1-513547	2	Spacer
72	1-513810	4	Bushing-Flanged
73	106-7159	2	O-Ring
74	103-5677	1	Spacer
75	103-3505	1	Seal-Double Lip
76	103-2916	1	Guard-Top
77	1-373034	2	Washer
78	103-4051	1	Kit,Anti-Scalp Roller

● 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.

Engine Deck Assembly

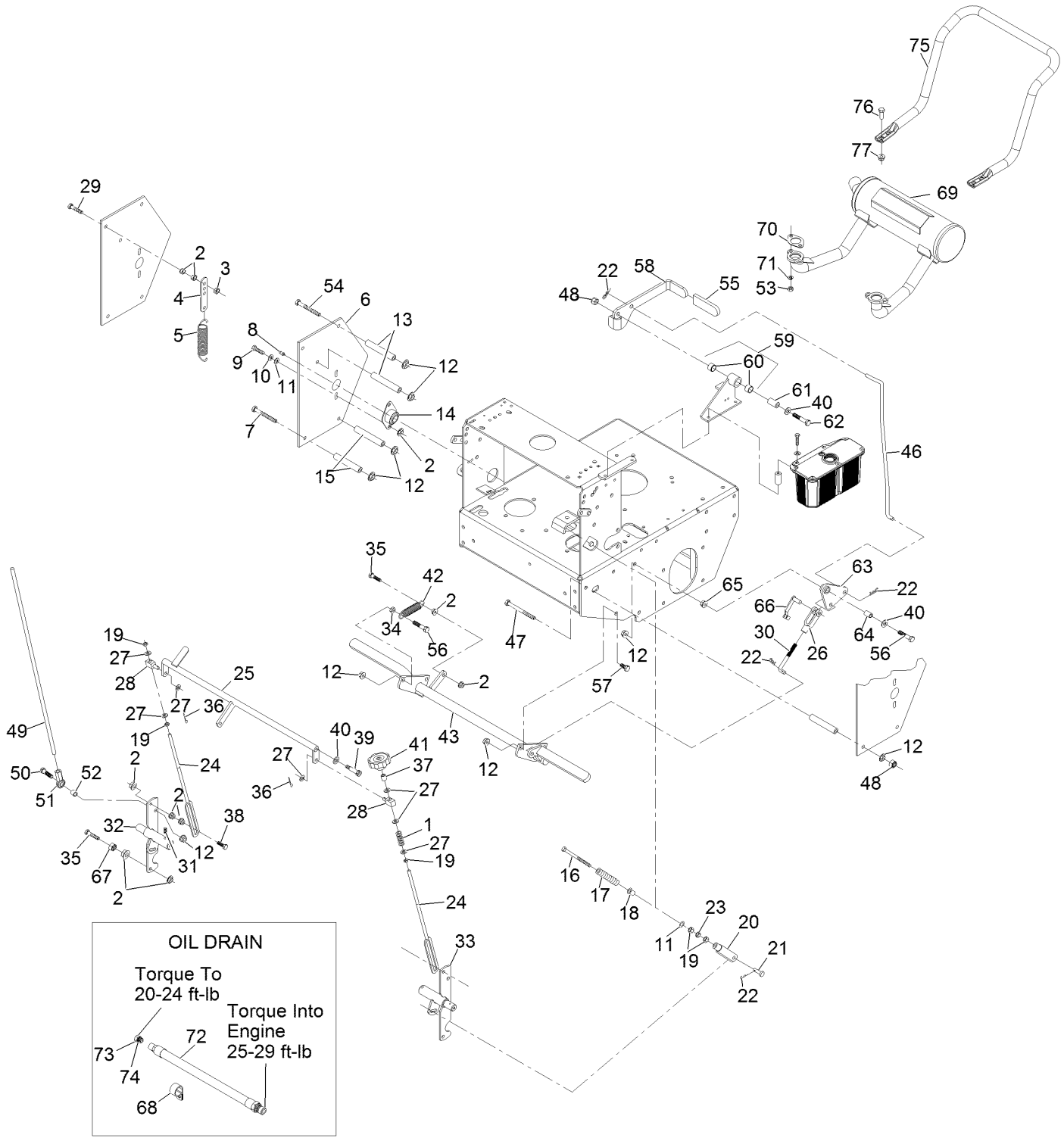


Engine Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	323-11	2	Screw-HH 3/8-16 X 2 1/4
2	98-5975	23	Washer-Spring Disc 3/8
3	103-3506	1	Seal-Single Lip
4	1-513034	2	Sleeve-Bearing
5	302-19	1	Zerk-1/4-28 Str
6	1-414143	1	Asm, Bellcrank (1-412285-03) W/Brgs
7	322-6	1	Screw-HH 5/16-18 X 1 1/4
8	321-6	1	Screw-HH 1/4-20 X 1
9	32128-33	4	Nut-Whizlock 1/4-20
10	1-523498	1	Spring, Motion Control
11	103-7398	1	Spring, Belt Tension
12	1-543007	1	Spacer
13	1-213069	1	Washer
14	3296-29	3	Nut-Nyloc 5/16-18
15	3256-4	2	Washer-3/8 Std
16	3290-357	19	Nut-Whizlock 3/8-16
17	1-413282	1	Linkage
18	1-806003	1	Hairpin-Cotter
19	116-6129	1	Asm, Deck (116-6080-01) W/Decals
20	323-4	2	Screw-HH 3/8-16 X 3/4
21	1-633068	1	Arm-Lift, Deck
22	32128-20	11	Nut-Whizlock 5/16-18
23	1-303334	2	Washer-Spring Disc 5/16
24	1-322110	1	Guide-Belt
25	103-2916	1	Guard-Top
26	103-3505	1	Seal-Double Lip
27	3256-3	2	Washer-5/16 Std
28	1-323366	1	Ring-Split
29	3296-39	5	Nut-Nyloc 3/8-16
30	323-6	8	Screw-HH 3/8-16 X 1
31	1-412080-01	2	Mount, Wheel Motor (36)
32	323-6	8	Screw-HH 3/8-16 X 1
33	112-9049	2	Wheel Hub ASM
33:1	1-633926	8	Stud-Wheel
34	1-413473	2	Wheel And Tire ASM
34:1	1-413474	2	Tire-Turfmaster
34:2	1-603715	2	Wheel-Rim
35	242-50	8	Nut-Lug 1/2-20
38	1-807264	1	Key-Machine 1/4 X 1/4 X 2 5/8
39	103-6309	1	Asm, Drive Sheave ●
40	1-603609	1	Bushing
41	1-373034	2	Washer
42	1-603610	2	Washer-Spring Disc 7/16
43	3212-10	1	Screw-HH 7/16-20 X 2 1/2 ■
44	3256-24	2	Washer-3/8 Sae
45	109-4077	1	Pulley-Idler, Flat
46	1-603496	1	Bushing-Idler
47	103-8599	1	Spring, Extension
48	109-1296	1	Kit, Idler Arm (109-1208-03) W/Brgs
49	1481	2	Zerk-45° 1/4-28
50	98-5961	1	Screw-HH 3/8-16 X 4 Gr8
51	323-9	2	Screw-HH 3/8-16 X 1 3/4
52	1-809069	1	Screw-HSH #10-24 X 7/8
53	1-323365	1	Chain-Link, Twist
54	3256-14	1	Washer-#10 Std
55	3296-2	1	Nut-Nyloc #10-24
56	1-807272	2	Key-5Mm X 5Mm X 25Mm
57	1-803050	4	Setscrew-5/16-18 X 3/4 ■
58	109-1057	1	Belt, Pump Drive
59	1-413010	2	Sheave ASM ●
60	103-6317	1	Belt, Blade Clutch
61	1-807259	1	Key-Machine 1/4 X 1/4 X 1
62	103-6308	1	Sheave W/Shaft ●
63	1-413111	2	Bearing, Clutch ●
64	32120-8	2	Ring-Retaining
65	1-413012	1	Spacer, Bearing
66	1-523157	1	Washer
67	1-413049-01	1	Plate, Clutch Pivot
68	322-5	7	Screw-HH 5/16-18 X 1
69	1-413207	2	Pivot, Bearing
70	1-414418	1	Asm, Clutch Arm (1-412417-03) W/Bearings
71	1-413235	1	Washer, Spacer
72	1-412138-03	1	Wld, Pivot Pin
73	322-3	3	Screw-HH 5/16-18 X 3/4
74	1-413062	1	Band, Brake
75	323-8	2	Screw-HH 3/8-16 X 1 1/2
76	103-6310	1	Wld, Belt Guide
77	1-412031	1	Sheave W/Drum ●
78	1-800521	1	Screw-HH 3/8-24 X 1 ■
79	1-413009-01	1	Plate, Guard
80	103-2056	1	Shield-Drag
81	1-413510	2	Clip-Loom
82	1-413511	2	Hanger, Drag Shield
88	323-7	5	Screw-HH 3/8-16 X 1 1/4
89	32120-10	2	Ring-Retaining
90	1-807019	2	Key-Woodruff 1 X 1/4
91	103-3504	2	Bearing-Spherical
92	106-7159	2	O-Ring
93	103-5677	1	Spacer
94	116-2839	2	Nut-Lock
95	1-603044	1	Bushing
96	321-8	1	Screw-HH 1/4-20 X 1 1/4

● Apply anti-seize compound in bore.
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

Engine Deck Assembly (cont.)

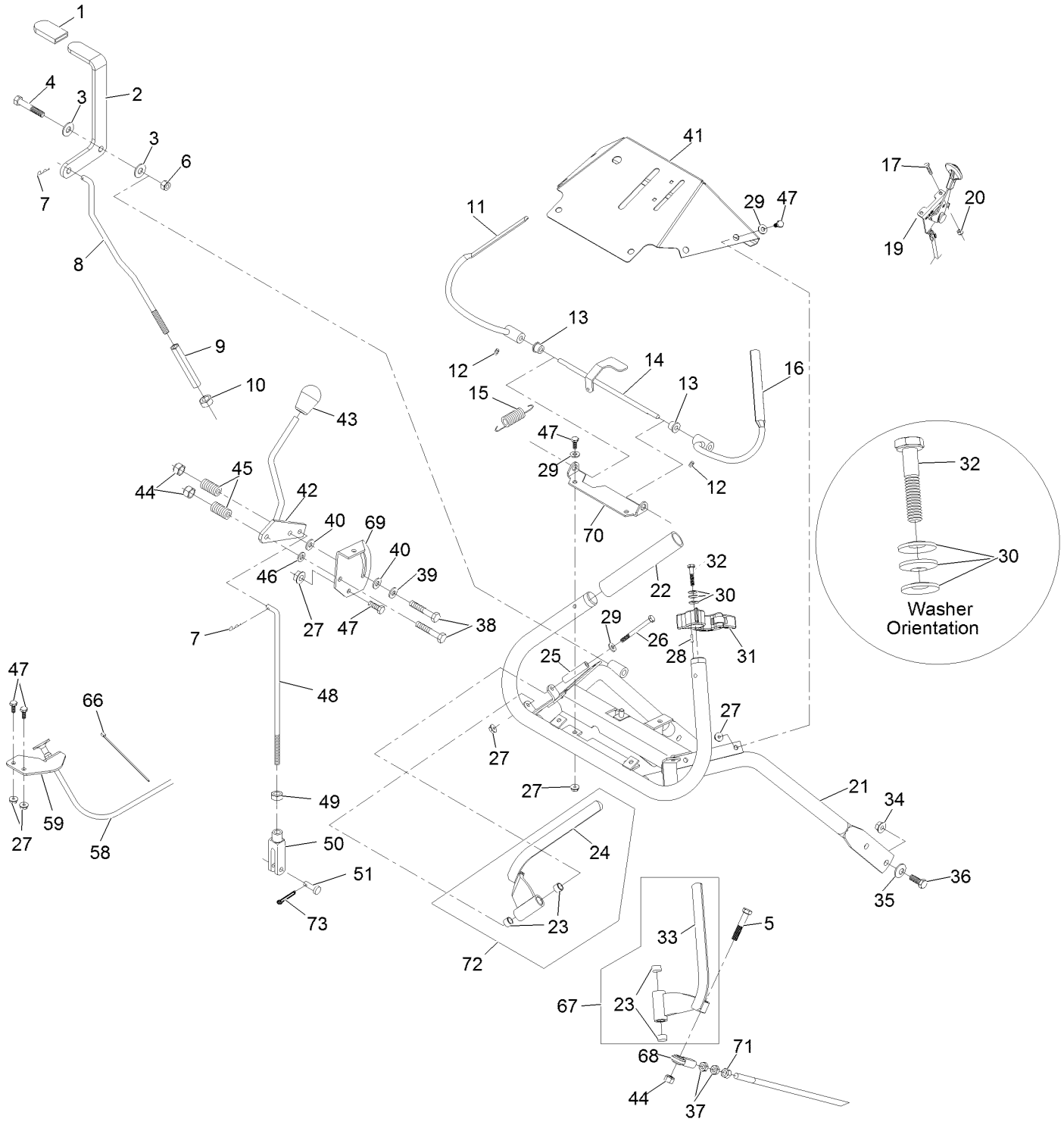


Engine Deck Assembly (cont.) (continued)

Ref.	Part Number	Qty.	Description
1	1-323245	1	Spring-Compression
2	32128-20	20	Nut-Whizlock 5/16-18
3	3296-29	2	Nut-Nyloc 5/16-18
4	1-613089	2	Tab-Spring, Extension
5	1-603693	2	Spring
6	110-4897-01	2	Shield-Control
7	323-16	6	Screw-HH 3/8-16 X 4
8	302-19	2	Zerk-1/4-28 Str
9	322-3	4	Screw-HH 5/16-18 X 3/4
10	1-805005	4	Washer-Lock 5/16 Heavy
11	3256-2	6	Washer-1/4 Std
12	3290-357	15	Nut-Whizlock 3/8-16
13	1-323195-01	4	Spacer-Shield
14	1-633102	2	Bearing-Flanged
15	1-323197-01	4	Spacer-Shield
16	1-603737	2	Bolt-Neutral Return
17	103-0265	2	Spring, Neutral Return
18	1-603735	2	Bushing-Flanged
19	3219-2	7	Nut-Hex 5/16-24
20	1-303105	2	Yoke-Adjustable
21	1-808280	2	Pin-Clevis 5/16 X 1 49/64
22	1-806003	5	Hairpin-Cotter
23	3220-2	2	Nut-Jam 5/16-24
24	1-413350	2	Link-Control, Speed
25	1-412203-01	1	Crank-Control, Speed
26	1-633131	1	Yoke-Linkage, Brake
27	3256-23	7	Washer-5/16 Sae
28	1-603676	2	Swivel-Adjustable, Short
29	1-800016	2	Bolt-HH 5/16-18 X 1 1/4 Tap
30	1-413489	1	Linkage-Lower
31	1-803022	2	Setscrew-5/16-18 X 5/8 ■
32	103-1190-01	1	Shaft-Control, LH
33	103-4796-01	1	Shaft-Control, RH
34	3218-3	1	Nut-Jam 3/8-16
35	116-3515	3	Screw,HH Special 5/16-18 X 1.25
36	3272-5	2	Pin-Cotter 3/32 X 1/2
37	1-603903	1	Spacer
38	1-403180	2	Screw-HH 5/16-18 X 1 1/4 Sp
39	1-809056	2	Screw-Sh 5/16-18 X 1 3/8 ■
40	3256-24	4	Washer-3/8 Sae
41	103-3060	1	Knob-Tracking
42	1-323161	1	Spring
43	103-2085-03	1	Brake ASM
46	1-413492	1	Linkage, Upper Brake
47	323-23	1	Screw-HH 3/8-16 X 4-1/2
48	3296-39	2	Nut-Nyloc 3/8-16
49	103-1148	2	Rod, Drive Lever
50	323-8	2	Screw-HH 3/8-16 X 1 1/2
51	103-1167	2	Joint-Ball End, .38X.38Fe LH
52	103-1166	2	Spacer-Tube, Pump Link
53	114-3549	4	Nut-M8
54	323-16	1	Screw-HH 3/8-16 X 4
55	1-303020	1	Grip-Lever
56	323-9	2	Screw-HH 3/8-16 X 1 3/4
57	323-4	3	Screw-HH 3/8-16 X 3/4
58	103-3495	1	Lever, Brake W/Decal & Grip
59	1-414504	1	Bracket ASM
60	1-413347	2	Sleeve-Bushing
61	1-413344	1	Bushing-Pivot
62	323-10	1	Screw-HH 3/8-16 X 2
63	1-414508	1	Bellcrank ASM
64	1-303548	1	Bushing-Plastic
65	32128-21	1	Nut-3/8-16 Flanged Side Lock
66	103-2399	1	Pin-Clevis Spring 3/8
67	3218-2	2	Nut-Jam 5/16-18
68	1-643312	1	Clip-Loom
69	116-3735	1	Muffler
70	1-653313	2	Gasket-Exhaust
71	114-3550	4	Washer-Lock, Spring
72	116-5052	1	Asm-Oil Drain Hose W/Plug ●
73	353-508	1	Plug-W/O-Ring
74	237-42	1	O-Ring
75	116-6278-03	1	Guard-Muffler
76	323-6	4	Screw-HH 3/8-16 X 1
77	104-8301	4	Nut-Nyloc 3/8-16 Flg

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

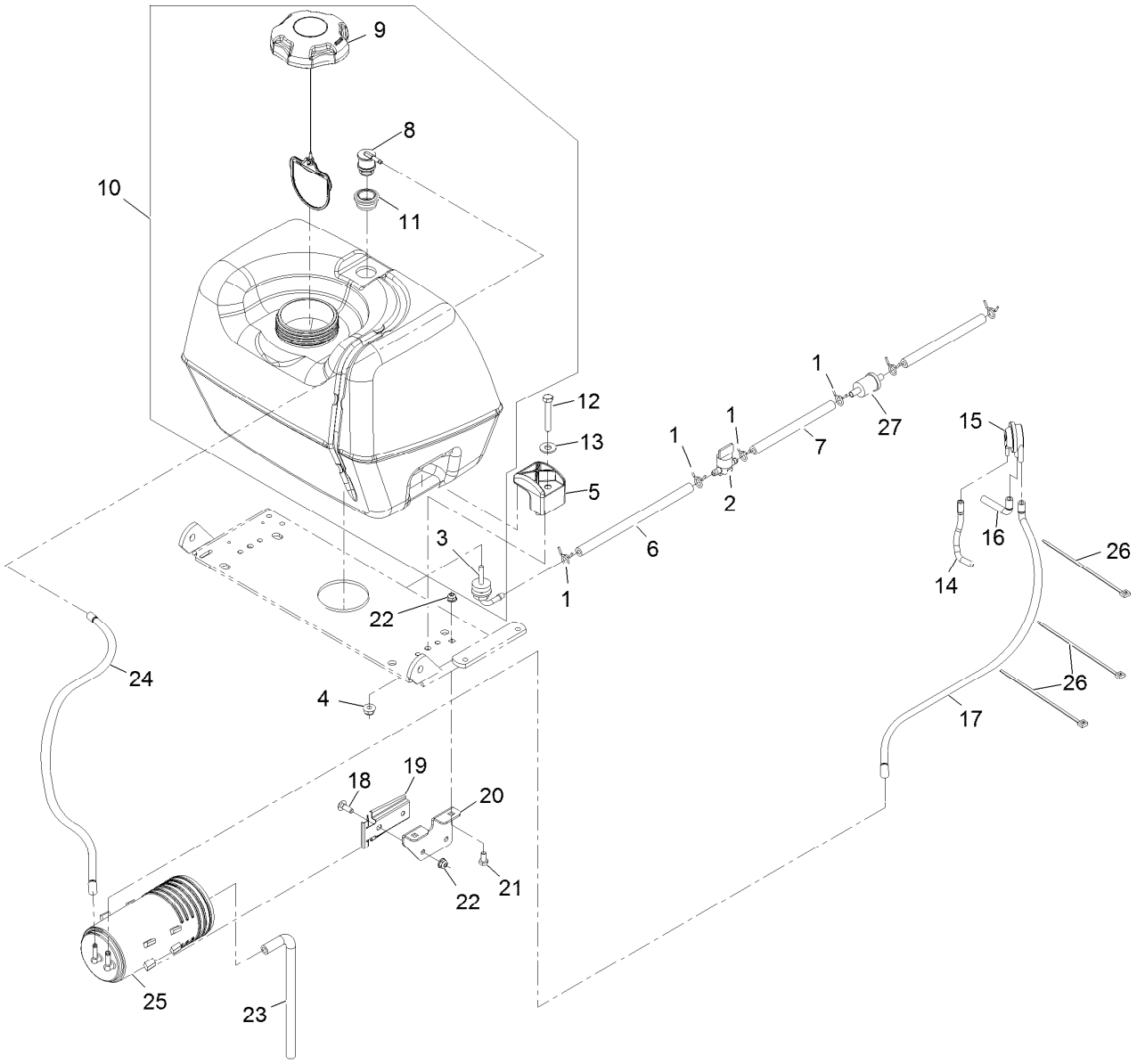
ECS Upper Handles and Controls Assembly



ECS Upper Handles and Controls Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-303020	1	Grip-Lever
2	116-6334	1	Asm, Lever (116-1736-03) W/Grip
3	3256-4	2	Washer-3/8 Std
4	323-11	1	Screw-HH 3/8-16 X 2 1/4
5	322-9	2	Screw-HH 5/16-18 X 1 3/4
6	3296-39	1	Nut-Nyloc 3/8-16
7	1-806003	2	Hairpin-Cotter
8	103-1149	1	Link, Blade Engagement
9	1-413279	1	Turnbuckle
10	3217-7	1	Nut-Hex 3/8-16
11	116-4079	1	Wld, Lever, Opc (LH) ■
12	1-803322	2	Setscrew-5/16-24 X 5/16 ●
13	1-303365	2	Bushing-Nylon
14	103-0769-03	1	Wld, Opc Axle Lever
15	1-303363	1	Spring-Extension
16	116-4080	1	Wld, Opc Lever (RH) ■
17	1-807513	2	Bolt-Carriage #10-24 X 1/2
19	116-2426	1	Cable, Throttle
20	3296-2	2	Nut-Nyloc #10-24
21	103-0770-03	1	Wld, Handle
22	103-0815	2	Grip-Bar, Handle
23	1-413152	4	Bushing-Sleeve
24	116-4081-03	1	Lever, Drive (LH)
25	103-0027	2	Bushing-Lever, Drive
26	321-14	2	Screw-HH 1/4-20 X 2 3/4
27	32128-33	14	Nut-Whizlock 1/4-20
28	103-0464	2	Pin-Spring 1/8 X 1/2
29	3256-22	10	Washer-1/4 Sae
30	1-303435	6	Washer-Spring Disc 1/4
31	103-1371	1	Thumb Latch Asm RH(Shown)
31	103-1372	1	Thumb Latch Asm LH(Not Shown)
32	103-0235	2	Screw-HH 1/4-20 X 1 1/8 W/Nylon ●
33	116-4082-03	1	Lever, Drive (RH)
34	3290-357	4	Nut-Whizlock 3/8-16
35	98-5975	4	Washer-Spring Disc 3/8
36	323-6	4	Screw-HH 3/8-16 X 1
37	3220-3	4	Nut-Jam 3/8-24
38	322-10	4	Screw-HH 5/16-18 X 2
39	1-603716	1	Washer-Friction Disc
40	1-323244	2	Washer-Friction
41	109-4651	1	Asm, Console (109-4649-03)W/ Decals
42	116-4083	1	Wld, Speed Shift
43	103-0423	1	Knob-Nyloc 3/8-16
44	3296-29	4	Nut-Nyloc 5/16-18
45	1-323245	2	Spring-Compression
46	3256-23	1	Washer-5/16 Sae
47	321-3	12	Screw-HH 1/4-20 X 5/8
48	1-413225	1	Rod, Speed Control
49	3220-2	1	Nut-Jam 5/16-24
50	1-303105	1	Yoke-Adjustable
51	1-808280	1	Pin-Clevis 5/16 X 1 49/64
58	103-1796	1	Cable-Choke
59	103-1797-01	1	Bracket-Cable, Choke
66	1-303287	1	Tie-Cable 5 1/2 (Small)
67	103-2513	1	Asm, Drive Lever RH
68	103-2463	2	Balljoint
69	103-0503	1	Bracket, Shifter Slide
70	103-0489-03	1	Bracket, Opc Axle
71	3219-3	2	Nut-Hex 3/8-24
72	103-2514	1	Asm, Drive Lever LH
73	3272-5	1	Pin-Cotter 3/32 X 1/2

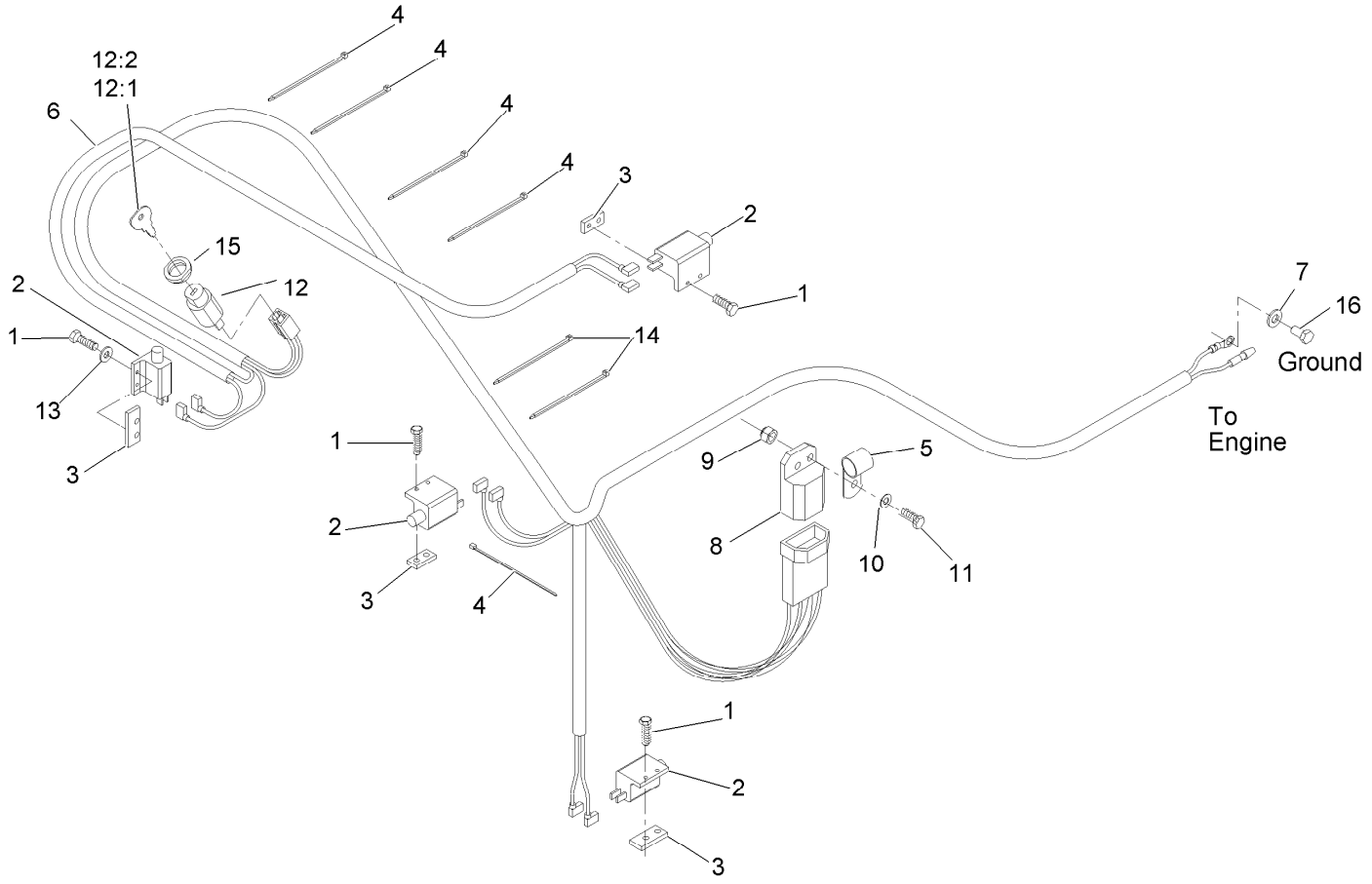
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Use Pro-Lock retaining type, Part no. 1-840023 (.5cc tube) on inside of bore of OPC hub.



Fuel Tank Assembly

Ref.	Part Number	Qty.	Description
1	2412-98	4	Clamp-Hose
2	1-603770	1	Valve-Fuel
3	103-2605	1	Fitting-Fuel Bulkhead W/Strainer ▲
4	104-8300	2	Nut-Nyloc 5/16-18 Flg
5	107-4543	2	Clamp
6	109-0650	1	Hose-Fuel
7	99-9415	1	Hose-Fuel
8	114-0285	1	Valve-Rollover
9	120-5461	1	Cap-Fuel, Ratcheting
10	116-3656	1	ASM, Fuel Tank
11	114-0284	1	Grommet
12	322-10	2	Screw-HH 5/16-18 X 2
13	3256-3	2	Washer-5/16 Std
14	116-2394	1	Hose-Vent, Formed
15	116-2232	1	Valve-Control, Vacuum
16	116-2233	1	Hose-Vent, Formed
17	116-2231	1	Hose-Vent, Formed
18	321-2	2	Screw-HH 1/4-20 X 1/2
19	114-0292	1	Bracket-Canister, Carbon
20	115-4486-01	1	Bracket-Canister, Carbon
21	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
22	104-7201	4	Nut-Nyloc 1/4-20 Flg
23	115-0962	1	Hose-Vent, Canister
24	114-0286	1	Hose-Vent
25	117-1221	1	Canister-Carbon, 800Cc
26	1-303335	3	Tie-Cable 7 15/16 (Large)
27		1	Pn 41019-1055 Filter W/6In Fuel Line ■●

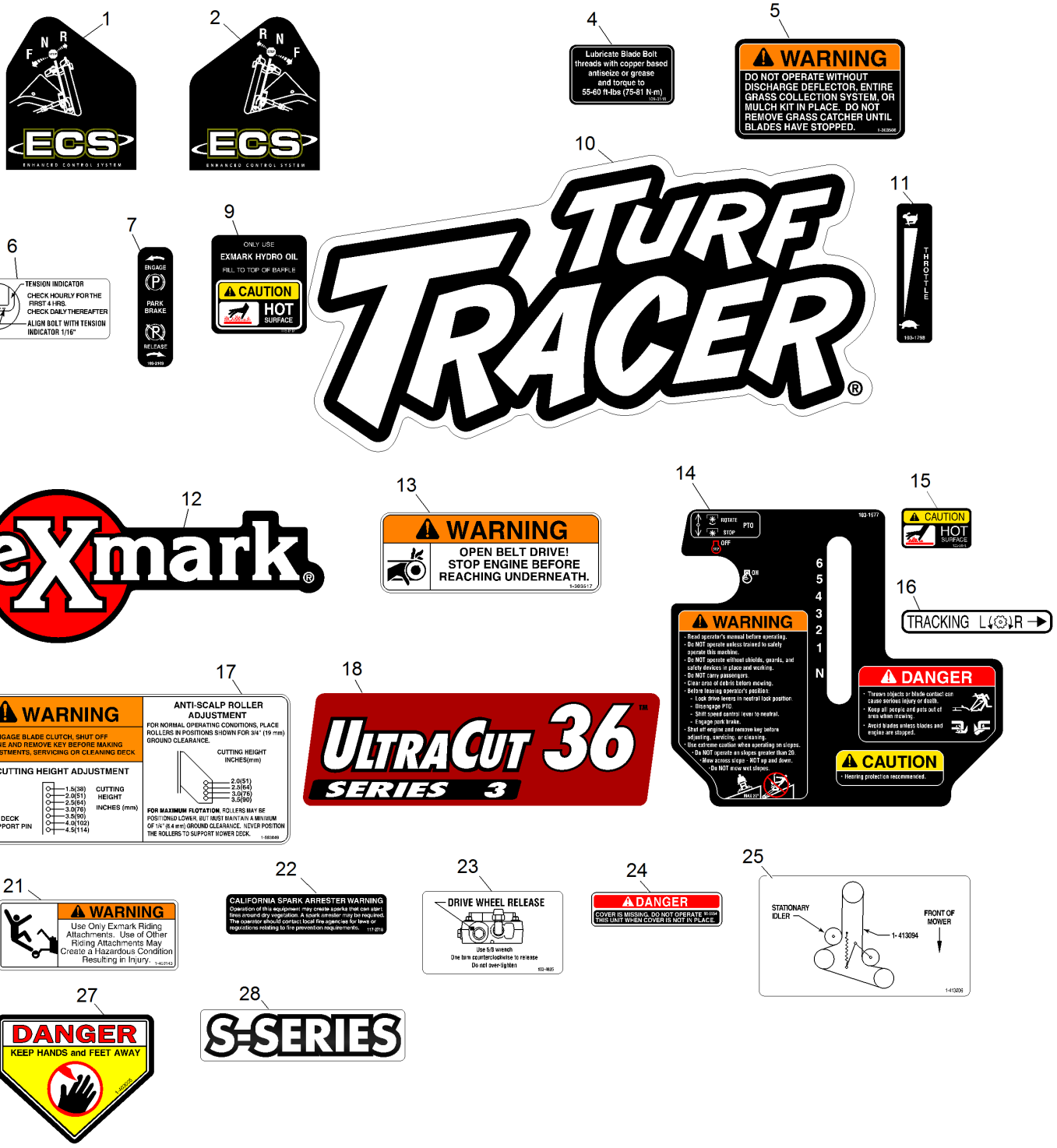
● Not serviced separately
▲ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Obtain parts from www.kawpowerepc.com



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	3290-500	8	Screw-PPH #10-24 X 5/8
2	1-513051	4	Switch-N.O.
3	1-633181	4	Plate-Tapped
4	1-303287	5	Tie-Cable 5 1/2 (Small)
5	1-323229	1	Clip-Loom 3/8
6	116-2610	1	Harness, Wiring
7	33094-00	1	Washer
8	1-323430	1	Module-Interlock
9	3296-42	1	Nut-Nyloc 1/4-20
10	3256-22	1	Washer-1/4 Sae
11	321-4	1	Screw-HH 1/4-20 X 3/4
12	1-403121	1	Switch-Key
12:1	1-603511	1	Key-Ignition
12:2	103-2106	1	Key-Exmark Logo
13	3256-14	1	Washer-#10 Std
14	1-303335	2	Tie-Cable 7 15/16 (Large)
15	103-0498	1	Nut-Ignition
16	33114-016	1	Screw-HH M8-1.25 X 16Mm

Decals

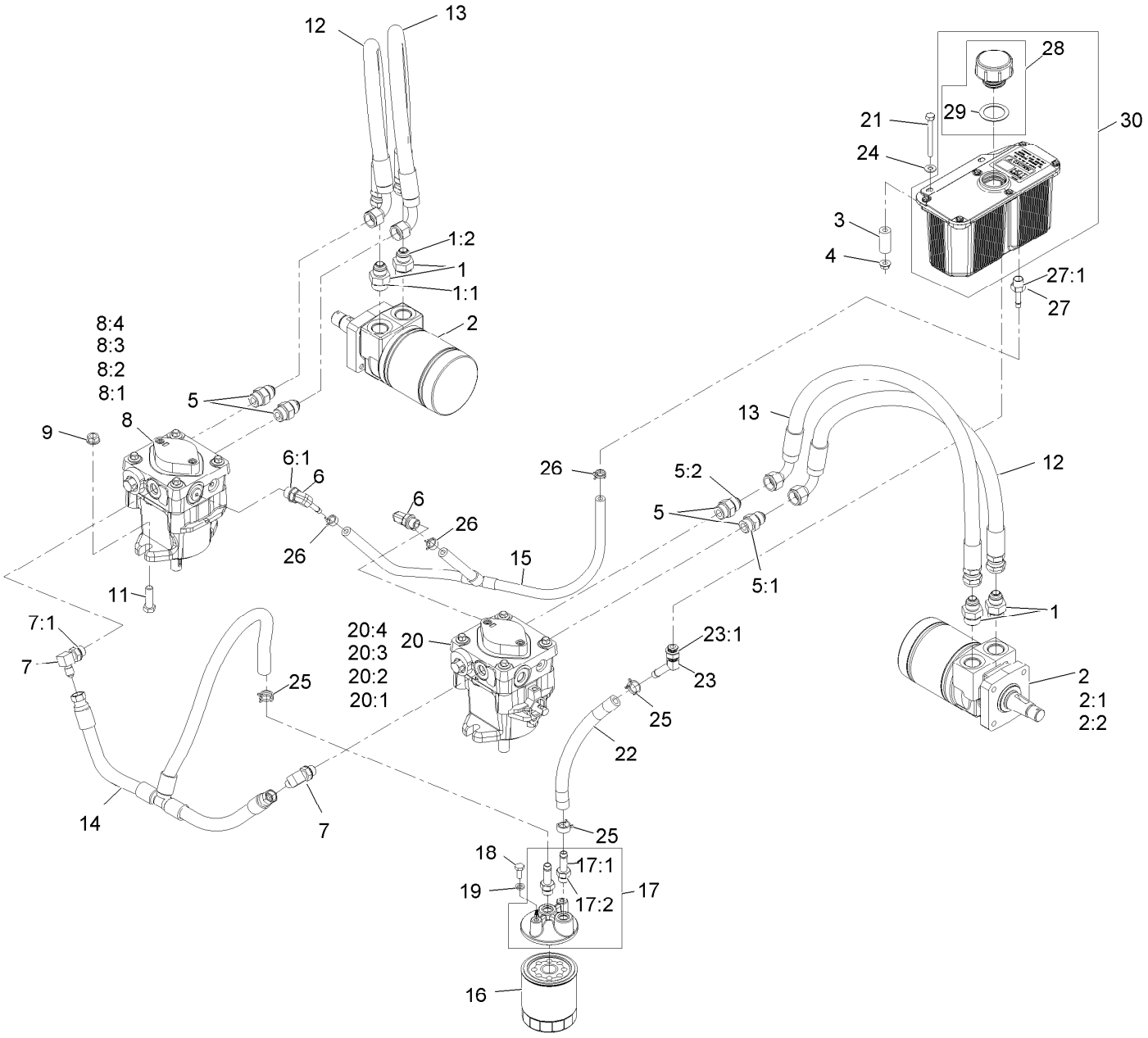

1
2
4
Lubricate Blade Bolt threads with copper based antiseize or grease and torque to 55-60 ft-lbs (75-81 N·m)
5
WARNING
DO NOT OPERATE WITHOUT DISCHARGE DEFLECTOR, ENTIRE GRASS COLLECTION SYSTEM, OR MULCH KIT IN PLACE. DO NOT REMOVE GRASS CATCHER UNTIL BLADES HAVE STOPPED.
10
TURF TRACER®
11
THROTTLE
6
TENSION INDICATOR
CHECK HOURLY FOR THE FIRST 4 HRS.
CHECK DAILY THEREAFTER
ALIGN BOLT WITH TENSION INDICATOR 1/16"
7
ENGAGE
PARK BRAKE
RELEASE
9
ONLY USE
EXMARK HYDRO OIL
FILL TO TOP OF BAFFLE
CAUTION
HOT SURFACE
12
eXmark®
13
WARNING
OPEN BELT DRIVE!
STOP ENGINE BEFORE REACHING UNDERNEATH.
14
ROTATE PTO
STOP
OFF
ON
6 5 4 3 2 1 N
WARNING
DANGER
CAUTION
15
CAUTION
HOT SURFACE
16
TRACKING L R
17
WARNING
DISENGAGE BLADE CLUTCH, SHUT OFF ENGINE AND REMOVE KEY BEFORE MAKING ADJUSTMENTS, SERVICING OR CLEANING DECK
CUTTING HEIGHT ADJUSTMENT
DECK SUPPORT PIN
CUTTING HEIGHT INCHES (mm)
1.5(38)
2.0(51)
2.5(64)
3.0(76)
3.5(90)
4.0(102)
4.5(114)
ANTI-SCALP ROLLER ADJUSTMENT
FOR NORMAL OPERATING CONDITIONS, PLACE ROLLERS IN POSITIONS SHOWN FOR 3/4" (19 mm) GROUND CLEARANCE.
CUTTING HEIGHT INCHES(mm)
2.0(51)
2.5(64)
3.0(76)
3.5(90)
FOR MAXIMUM FLOTATION, ROLLERS MAY BE POSITIONED LOWER, BUT MUST MAINTAIN A MINIMUM OF 1/4" (6.4 mm) GROUND CLEARANCE. NEVER POSITION THE ROLLERS TO SUPPORT MOWER DECK.
18
UltraCut 36™
SERIES 3
21
WARNING
Use Only Exmark Riding Attachments. Use of Other Riding Attachments May Create a Hazardous Condition Resulting in Injury.
22
CALIFORNIA SPARK ARRESTER WARNING
23
DRIVE WHEEL RELEASE
Use 5/8 wrench
One turn counterclockwise to release
Do not over-tighten
24
DANGER
COVER IS MISSING. DO NOT OPERATE
THIS UNIT WHEN COVER IS NOT IN PLACE.
25
STATIONARY IDLER
1- 413094
FRONT OF MOWER
27
DANGER
KEEP HANDS and FEET AWAY
28
S-SERIES

Decals (continued)

Ref.	Part Number	Qty.	Description
1	103-2242	1	Decal, LH Ecs Instruction
2	103-2243	1	Decal, RH Ecs Instruction
4	109-3148	1	Decal,Bolt Torque
5	1-303508	1	Decal-Warning, Discharge
6	1-413421	1	Decal, Indicator
7	103-2103	1	Decal-Brake, Park
9	116-0404	1	Decal-Hydraulic Tank
10	103-3013	1	Decal-Turf Tracer
11	103-1798	1	Decal, Throttle
12	103-2882	1	Decal,Exmark Logo
13	1-303517	1	Decal,Belt Drive
14	103-1977	1	Decal, Ecs Console
15	103-2076	2	Decal-Caution
16	1-413214	1	Decal, Tracking
17	1-553049	1	Decal-Anti Scalp
18	116-4695	1	Decal-Ultracut 36 Series 3
21	1-403143	1	Decal,Sulky Warning
22	117-2718	1	Decal-Arrester, Spark
23	103-4935	1	Decal, Drive Wheel Release
24	98-5954	1	Decal-Cover, Missing
25	1-413206	1	Decal, Belt Routing
27	1-403005	2	Decal-Danger
28	116-3884	2	Decal-S-Series
99	103-2461	1	Decal Kit ●

● Not illustrated

Hydraulic Assembly



Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-603991	4	Adapter-Straight
1:1	1-603919	1	O-Ring-Sae #10
1:2	1-603992	1	O-Ring-37 Flare #8
2	1-603718	2	HYD Motor ASM
2:1	1-000138	1	Bearing And Seal Kit
2:2	1-000119	1	Seal Kit
3	103-2191	2	Spacer
4	32128-33	2	Nut-Whizlock 1/4-20
5	1-603990	4	Adapter-Straight
5:1	1-603920	1	O-Ring-Sae #8
5:2	1-603992	1	O-Ring-37 Flare #8
6	103-1799	2	Elbow-90 DEG
6:1	1-603921	1	O-Ring-Sae #6
7	103-1802	2	Fitting-HYD, 90 DEG
7:1	1-603921	1	O-Ring-Sae #6
8	116-0942	1	LH HYD Pump ASM
8:1	103-2664	1	Input Shaft Kit
8:2	94-6922	1	Bearing-Thrust
8:3	103-2666	1	Cylinder Block Kit
8:4	105-6184	1	Seal Overhaul Kit
9	32128-43	4	Nut-Whizlock 3/8-16
11	323-7	4	Screw-HH 3/8-16 X 1 1/4
12	1-613034	2	Hose-Pressure, High
13	1-323241	2	Hose-Pressure, High
14	116-2123	1	Charge Hose ASM
15	116-0918	1	Case Drain Hose ASM
16	109-4180	1	Filter,25 Micron Bi-Directional
16	1-523541	1	Element, Oil Filter(Winter) ●
17	103-2889	1	Filter Head ASM
17:1	103-1912	2	Adapter-Straight
17:2	1-603921	1	O-Ring-Sae #6
18	321-3	2	Screw-HH 1/4-20 X 5/8
19	1-805004	2	Washer-Lock 1/4 Heavy
20	116-0943	1	RH HYD Pump ASM
20:1	103-2664	1	Input Shaft Kit
20:2	94-6922	1	Bearing-Thrust
20:3	103-2666	1	Cylinder Block Kit
20:4	105-6184	1	Seal Overhaul Kit
21	321-15	2	Screw-HH
22	103-2959	1	Hose-Charge
23	103-1807	1	Fitting-Barbed, 45 DEG
23:1	1-603921	1	O-Ring-Sae #6
24	3256-22	2	Washer-1/4 Sae
25	103-1988	3	Clamp-Hose 11/16
26	103-1716	3	Clamp-Hose 17/32
27	103-1801	1	Adapter-Straight
27:1	1-603921	1	O-Ring-Sae #6
28	103-7615	1	Asm, Cap W/Gasket
29	103-1949	1	Gasket-Cap
30	103-1947	1	HYD Reservoir ASM

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

Notes:

EXMARK® MAINTENANCE

MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

4-CYCLE PREMIUM ENGINE OIL
Part No. 116-3373

Both SAE 30 and SAE 10W-30 in one bottle.

Contains increased levels of zinc and phosphorus for better lubricity.

No Viscosity Index Improvers that tend to shear down in high heat.

Synthetic formulation.

Gas & Diesel compatible.

Anti-corrosion additives.

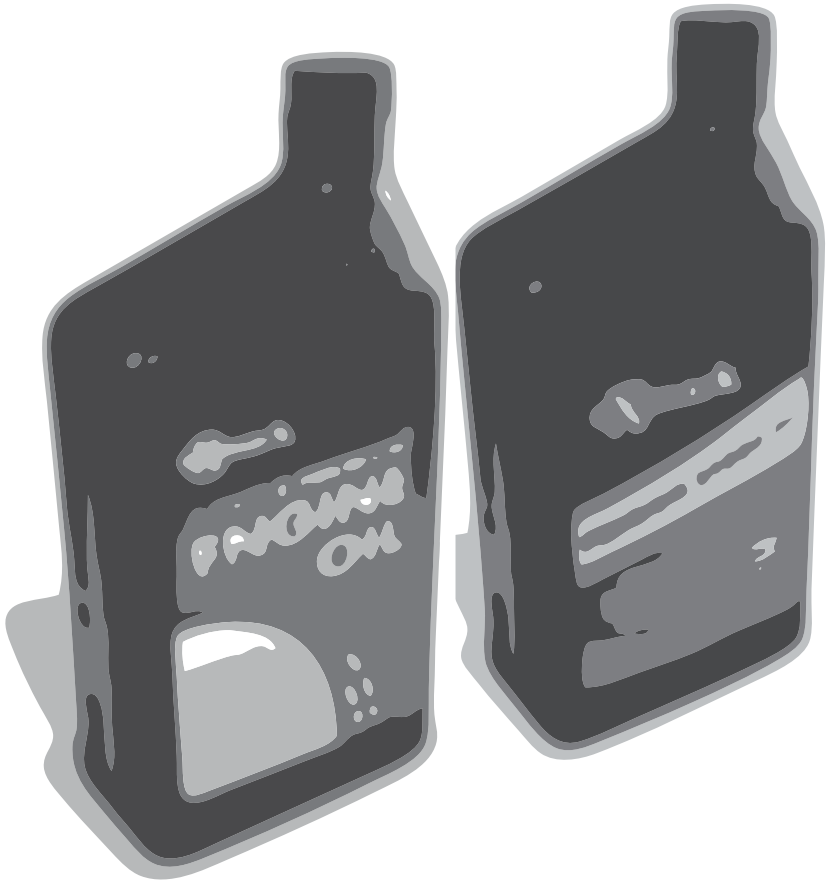
API 'SL' and JASO rated with wet clutch compatibility for other machines.

PREMIUM HYDRO OIL
Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

Superior shear resistance under heavy loads.



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TURF STRIPER
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ULTRA VAC QUICK DISPOSAL SYSTEM

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FLOOR PAN EXTENDER
HITCH KIT
LIGHT KIT
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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
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STANDON

*Some accessories and options not available for some models.

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Part No. 4500-958 Rev. A
Printed in the USA.

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