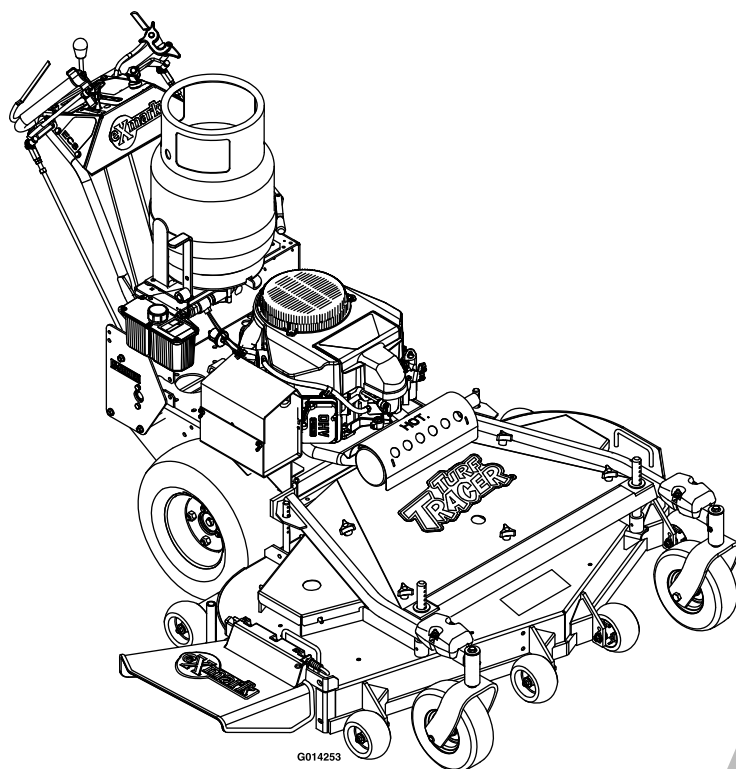




TURF TRACER® S-SERIES LP

Model No. TTS20PKAE483—Serial No. 920000 and Up



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

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).

EXMARK PARTS PLUS

PARTS

OVERNIGHT

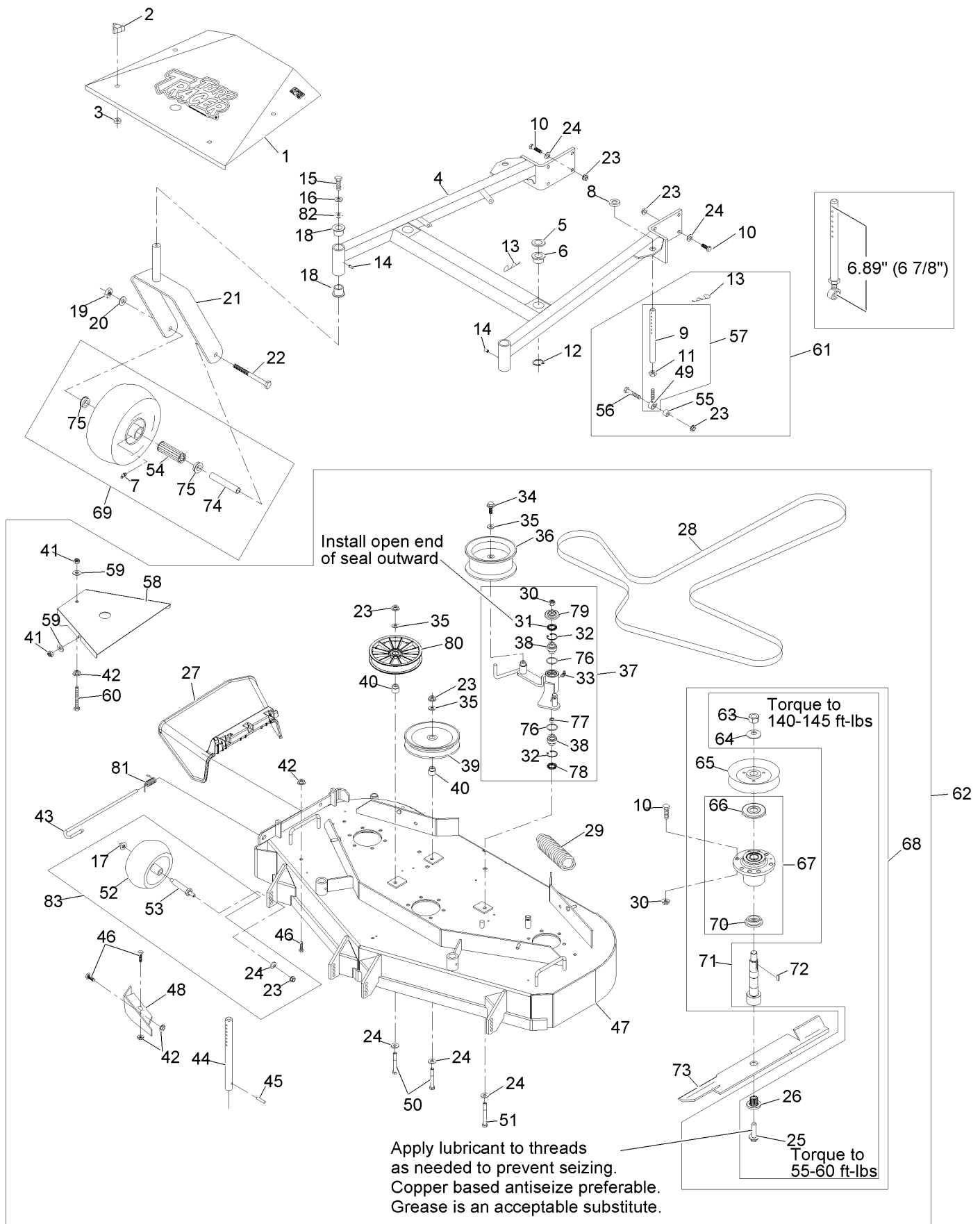
OR *FREE**

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)

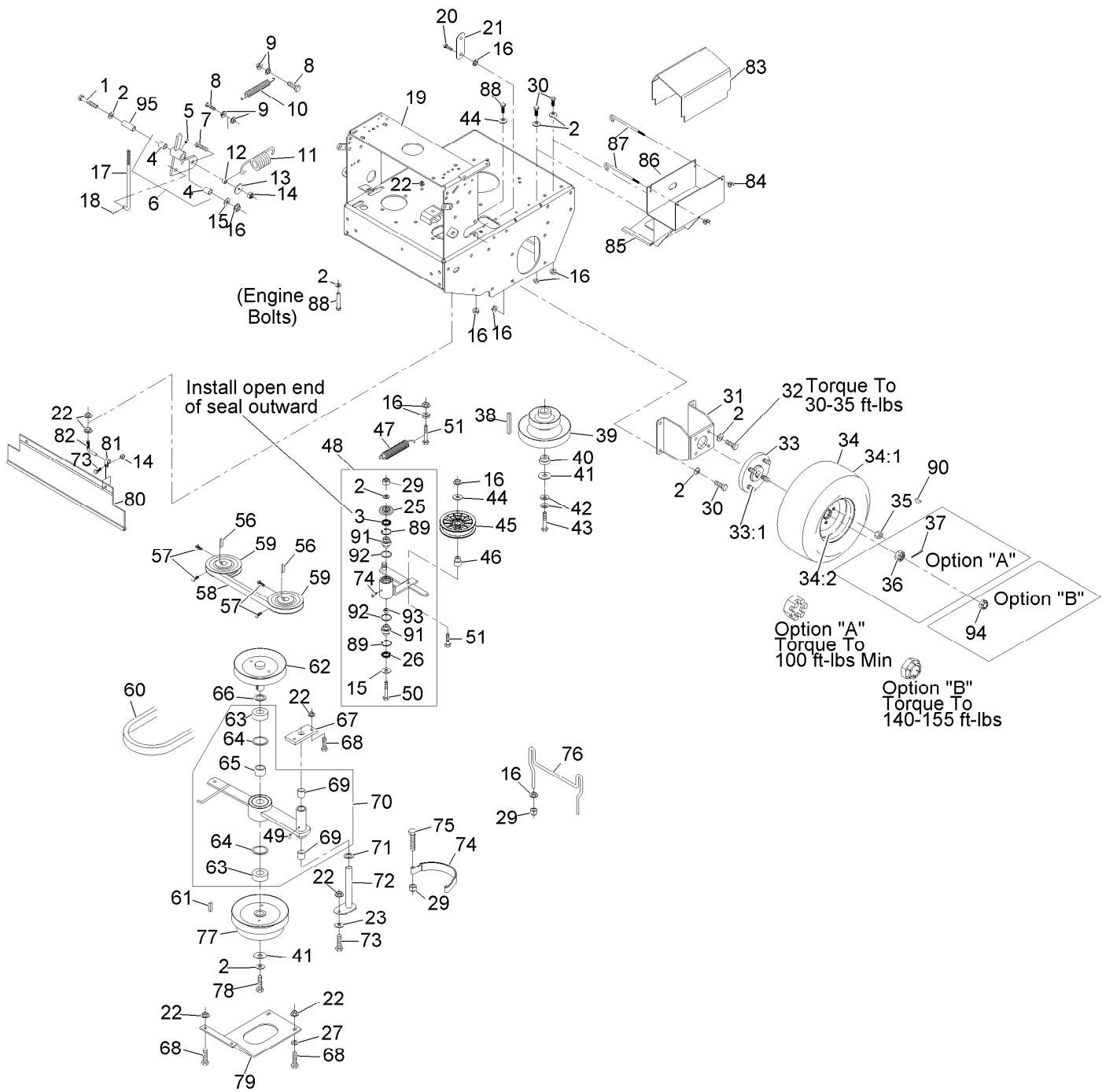
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-2711	1	Shield, Belt (1-413101-01) W/Decals	47	1-414384	1	Wld, Deck (116-2457-01) W/Decals, Discharge Baffle & Support Rods
2	1-323385	4	Knob-3 Prong	48	116-2297-01	1	Baffle, Discharge
3	1-323417	4	Washer-Belt Shield	49	1-613204	2	Balljoint
4	1-414310	1	Wld, Support (1-412110-01) W/Bushings & Decals	50	323-13	2	Screw-HH 3/8-16 X 2 3/4
5	1-413425	2	Spacer	51	98-5961	1	Screw-HH 3/8-16 X 4 Gr8
6	1-513336	2	Bushing-Deck	52	1-603299	4	Roller-Scalp, Anti
7	302-61	2	Zerk-45° 1/4-28	53	99-2842	4	Spacer
8	1-323539	2	Spacer-Blade Drive	54	1-513809	2	Bearing
9	1-413525	2	Link, Rear Deck Support	55	1-603050	2	Spacer
10	323-7	26	Screw-HH 3/8-16 X 1 1/4	56	323-9	2	Screw-HH 3/8-16 X 1 3/4
11	3220-3	2	Nut-Jam 3/8-24	57	1-414521	2	Link, Assembly
12	32120-33	2	Ring-Retaining	58	103-2970-01	2	Shield, Belt
13	1-806009	4	Hairpin-Cotter #206	59	3256-3	6	Washer-5/16 Std
14	302-52	2	Zerk-1/8-27 Str	60	1-800017	2	Bolt-HH 5/16-18 X 3 1/4 Tap
15	323-6	2	Screw-HH 3/8-16 X 1	61	1-411532	2	Kit, Support Link W/Pin
16	3253-5	2	Washer-Lock 3/8 Heavy	62	103-0321	1	Asm, Deck Complete
17	109-6658	4	Nut-Nyloc 3/8-16 Flg	63	3217-46	3	Nut-Hex 3/4-16 Heavy
18	1-303514	4	Bearing-Flanged	64	103-2802	3	Washer-Spring Disc 3/4
19	3217-9	2	Nut-Hex 1/2-13	65	1-413424	3	Sheave W/ Hub ▲
20	3253-7	2	Washer-Lock 1/2	66	103-1330	3	Guard-Bearing Top ▲
21	1-522143-01	2	Wld, Caster	67	103-8280	3	Kit, Cutter Housing
22	325-20	2	Screw-HH 1/2-13 X 6	68	103-9081	3	Asm, Cutter Housing Complete
23	3290-357	13	Nut-Whizlock 3/8-16	69	103-2171	2	Kit, Tire & Wheel Asm W/ Spacer
24	98-5975	15	Washer-Spring Disc 3/8	70	103-2535	3	Spacer-Guard Bottom
25	109-9220	3	Screw-Sems 1/2-20 X 2.19	71	103-9071	3	Kit, Spindle ▲
26	103-3037	3	Bushing,Splined	72	1-807268	3	Key-Machine 1/4 X 3/16 X 1
27	109-5151	1	Deflector, Discharge	73	103-6401	3	Blade-Notched ■
28	1-413093	1	Belt, Deck Drive	73	103-6391	3	Blade, Mulch 16.25 (.94 Hole)
29	103-3330	1	Spring-Extension	73	103-6386	3	Blade, Low Lift 16.25 (.94 Hole)
30	3296-39	19	Nut-Nyloc 3/8-16	73	103-6381	3	Blade, Solid 16.25 (.94 Hole)
31	103-3506	1	Seal-Single Lip	73	103-6396	3	Blade, Extreme 16.25 (.94 Hole)
32	32120-10	2	Ring-Retaining	74	1-513547	2	Spacer
33	302-40	1	Zerk-90° 1/4-28	75	1-513810	4	Bushing-Flanged
34	3234-11	1	Screw-HH Flg 3/8-16 X 1	76	106-7159	2	O-Ring
35	3256-24	3	Washer-3/8 Sae	77	103-5677	1	Spacer
36	1-413099	1	Pulley-Idler	78	103-3505	1	Seal-Double Lip
37	103-8585	1	Kit, Idler Arm (103-7356-03) W/Brgs ●	79	103-2916	1	Guard-Top
38	103-3504	2	Bearing-Spherical	80	109-0977	1	Pulley,Idler 5"
39	1-613098	1	Pulley-Idler	81	116-0962	1	Spring, Torsion
40	1-413113	2	Bushing-Idler	82	1-373034	2	Washer
41	3296-29	6	Nut-Nyloc 5/16-18	83	103-4051	1	Kit,Anti-Scalp Roller
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				

● 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



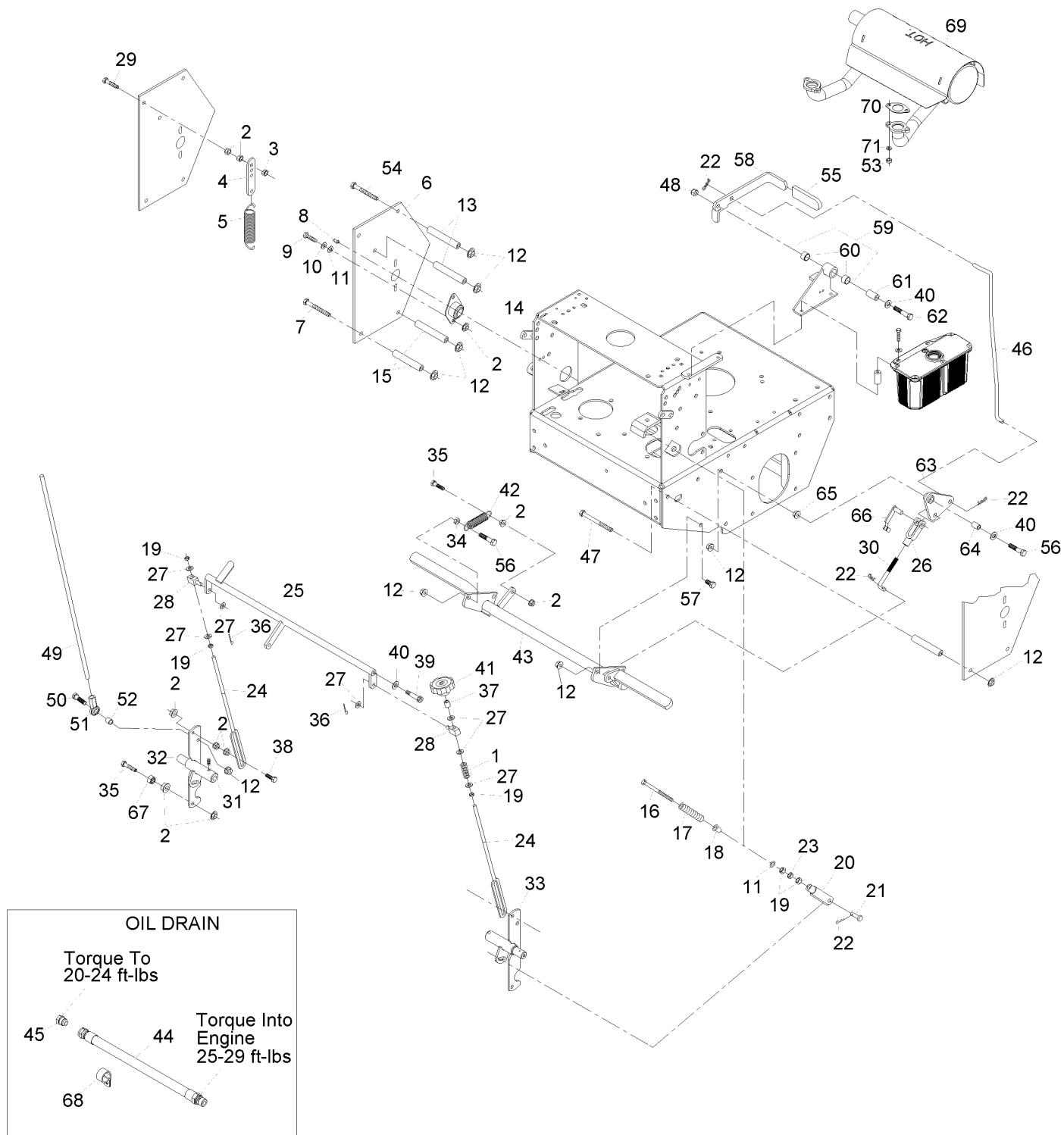
Engine Deck Assembly (continued)

<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	323-11	1	Screw-HH 3/8-16 X 2 1/4	45	109-4077	1	Pulley, Idler
2	98-5975	26	Washer-Spring Disc 3/8	46	1-603496	1	Bushing-Idler
3	103-3506	1	Seal-Single Lip	47	103-8599	1	Spring, Extension
4	1-513034	2	Sleeve-Bearing	48	109-1296	1	Kit, Idler Arm (109-1208-03) W/Brgs
5	302-19	1	Zerk-1/4-28 Str	49	1481	2	Zerk-45° 1/4-28
6	1-414143	1	Asm, Bellcrank (1-412285-03) W/Brgs	50	98-5961	1	Screw-HH 3/8-16 X 4 Gr8
7	322-6	1	Screw-HH 5/16-18 X 1 1/4	51	323-9	2	Screw-HH 3/8-16 X 1 3/4
8	321-6	2	Screw-HH 1/4-20 X 1	56	1-807272	2	Key-5Mm X 5Mm X 25Mm
9	32128-33	4	Nut-Whizlock 1/4-20	57	1-803050	4	Setscrew-5/16-18 X 3/4 ■
10	1-523498	1	Spring, Motion Control	58	109-1057	1	Belt, Pump Drive
11	103-7398	1	Spring, Belt Tension	59	1-413010	2	Sheave ASM ●
12	1-543007	1	Spacer	60	103-6317	1	Belt, Blade Clutch
13	1-213069	1	Washer	61	1-807259	1	Key-Machine 1/4 X 1/4 X 1
14	3296-29	3	Nut-Nyloc 5/16-18	62	103-6308	1	Sheave W/Shaft ●
15	3256-4	2	Washer-3/8 Std	63	1-413111	2	Bearing, Clutch ●
16	3290-357	17	Nut-Whizlock 3/8-16	64	32120-8	2	Ring-Retaining
17	1-413282	1	Linkage	65	1-413012	1	Spacer, Bearing
18	1-806003	1	Hairpin-Cotter	66	1-523157	1	Washer
19	109-1297	1	Asm, Deck (116-1682-01) W/Decals	67	1-413049-01	1	Plate, Clutch Pivot
20	323-4	2	Screw-HH 3/8-16 X 3/4	68	322-5	6	Screw-HH 5/16-18 X 1
21	1-633068	1	Arm-Lift, Deck	69	1-413207	2	Pivot, Bearing
22	32128-20	11	Nut-Whizlock 5/16-18	70	1-414418	1	Asm, Clutch Arm (1-412417-03) W/Bearings
23	1-303334	1	Washer-Spring Disc 5/16	71	1-413235	1	Washer, Spacer
25	103-2916	1	Guard-Top	72	1-412138-03	1	Wld, Pivot Pin
26	103-3505	1	Seal-Double Lip	73	322-3	3	Screw-HH 5/16-18 X 3/4
27	3256-3	2	Washer-5/16 Std	74	1-413062	1	Band, Brake
29	3296-39	5	Nut-Nyloc 3/8-16	75	323-8	2	Screw-HH 3/8-16 X 1 1/2
30	323-6	10	Screw-HH 3/8-16 X 1	76	103-6310	1	Wld, Belt Guide
31	1-412082-01	2	Mount, Wheel Motor (48& 52)	77	1-412028	1	Sheave W/Drum ●
32	323-6	8	Screw-HH 3/8-16 X 1	78	1-800521	1	Screw-HH 3/8-24 X 1 ■
33	1-602997	2	Hub ASM W/Studs	79	1-413009-01	1	Plate, Guard
33:1	1-633926	8	Stud-Wheel	80	103-2056	1	Shield-Drag
34	1-613263	2	Wheel And Tire ASM	81	1-413510	2	Clip-Loom
34:1	1-613264	2	Tire-Turfmaster	82	1-413511	2	Hanger, Drag Shield
34:2	1-603715	2	Wheel-Rim	83	1-543891	1	Battery, Cover
35	242-50	8	Nut-Lug 1/2-20	84	1-543792	2	Wingnut-Nyloc 1/4-20
36	32136-5	2	Nut-Slotted 3/4-16	85	1-413541	1	Trim-Lok, 1/8 X 5
37	1-806800	2	Pin-Cotter 9/64 X 1 1/2	86	103-1098	1	Stand W/ Trim-Lok
38	1-807264	1	Key-Machine 1/4 X 1/4 X 2 5/8	87	1-543882	2	Bolt, Hold Down
39	103-6309	1	Asm, Drive Sheave ●	88	323-7	5	Screw-HH 3/8-16 X 1 1/4
40	1-603609	1	Bushing	89	32120-10	2	Ring-Retaining
41	1-373034	2	Washer	90	1-807019	2	Key-Woodruff 1 X 1/4
42	1-603610	2	Washer-Spring Disc 7/16	91	103-3504	2	Bearing-Spherical
43	3212-10	1	Screw-HH 7/16-20 X 2 1/2 ■	92	106-7159	2	O-Ring
44	3256-24	2	Washer-3/8 Sae	93	103-5677	1	Spacer
				94	116-2839	2	Nut-Lock 3/4-16
				95	1-603044	1	Bushing

● Apply anti-seize compound in bore.

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

Engine Deck Assembly (cont.)

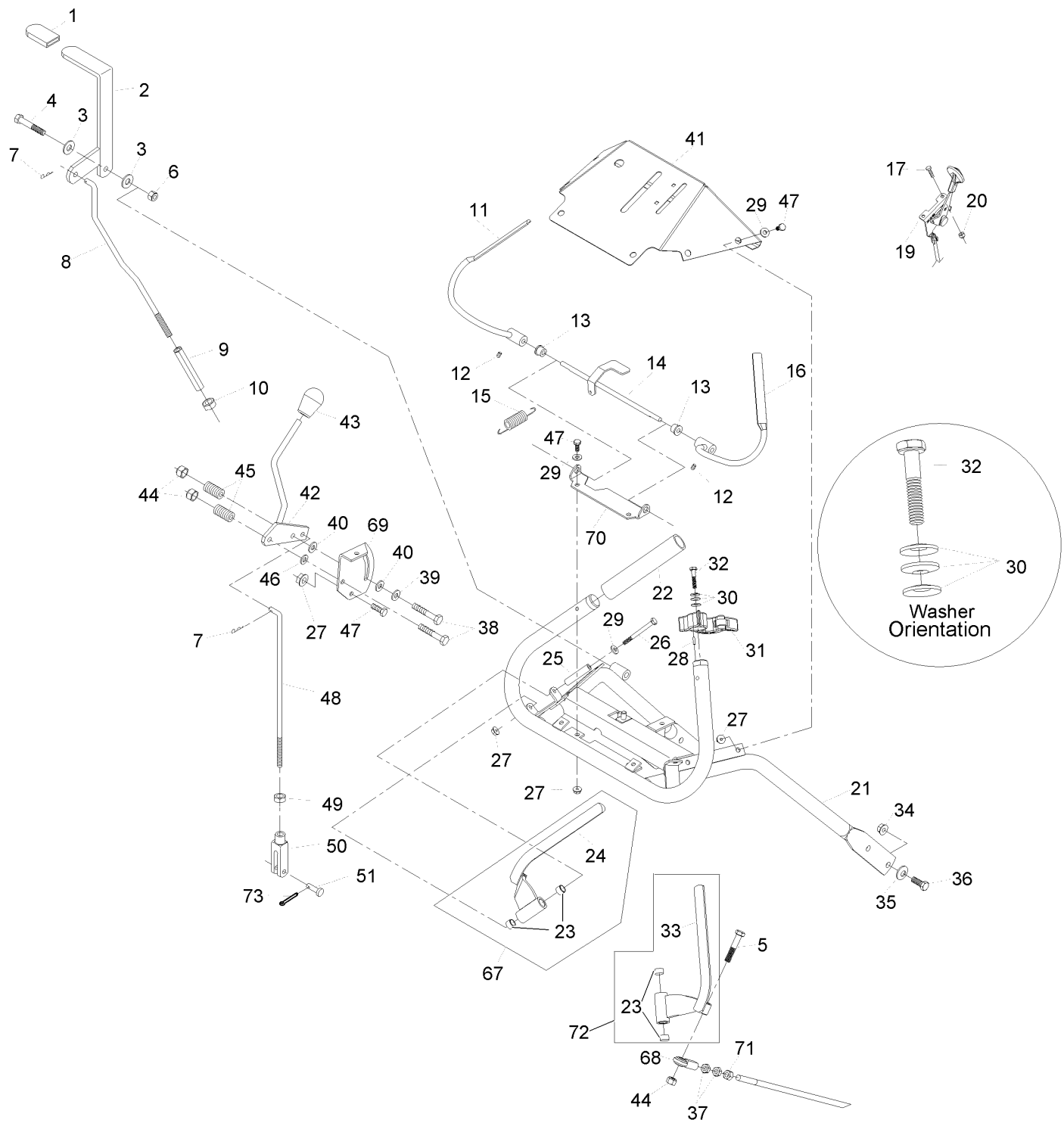


Engine Deck Assembly (cont.) (continued)

<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	1-323245	1	Spring-Compression	38	1-403180	2	Screw-HH 5/16-18 X 1 1/4 Sp
2	32128-20	20	Nut-Whizlock 5/16-18	39	1-809056	2	Screw-Sh 5/16-18 X 1 3/8 ●
3	3296-29	2	Nut-Nyloc 5/16-18	40	3256-24	4	Washer-3/8 Sae
4	1-613089	2	Tab-Spring, Extension	41	103-3060	1	Knob-Tracking
5	1-603693	2	Spring	42	1-323161	1	Spring
6	110-4897-01	2	Shield-Control	43	103-2004-03	1	Wld-Brake
7	323-16	6	Screw-HH 3/8-16 X 4	44	109-0877	1	Asm, Oil Drain Hose W/Plug
8	302-19	2	Zerk-1/4-28 Str	45	109-1012	1	Plug
9	322-3	4	Screw-HH 5/16-18 X 3/4	46	1-413492	1	Linkage, Upper Brake
10	1-805005	4	Washer-Lock 5/16 Heavy	47	323-16	1	Screw-HH 3/8-16 X 4
11	3256-2	6	Washer-1/4 Std	48	3296-39	1	Nut-Nyloc 3/8-16
12	3290-357	15	Nut-Whizlock 3/8-16	49	103-1148	2	Rod, Drive Lever
13	1-323195-01	4	Spacer-Shield	50	323-8	2	Screw-HH 3/8-16 X 1 1/2
14	1-633102	2	Bearing-Flanged	51	103-1167	2	Joint-Ball End, LH
15	1-323197-01	4	Spacer-Shield	52	103-1166	2	Spacer-Tube, Pump Link
16	1-603737	2	Bolt-Neutral Return	53	114-3549	4	Nut-M8
17	103-0265	2	Spring, Neutral Return	54	323-23	1	Screw-HH 3/8-16 X 4-1/2
18	1-603735	2	Bushing-Flanged	55	1-303020	1	Grip-Lever
19	3219-2	7	Nut-Hex 5/16-24	56	323-9	2	Screw-HH 3/8-16 X 1 3/4
20	1-303105	2	Yoke-Adjustable	57	323-4	3	Screw-HH 3/8-16 X 3/4
21	1-808280	2	Pin-Clevis 5/16 X 1 49/64	58	103-3495	1	Lever, Brake (1-412501-03) W/Decal & Grip
22	1-806003	5	Hairpin-Cotter	59	1-414504	1	Bracket ASM
23	3220-2	2	Nut-Jam 5/16-24	60	1-413347	2	Sleeve-Bushing
24	1-413350	2	Link-Control, Speed	61	1-413344	1	Bushing-Pivot
25	1-412203-01	1	Crank-Control, Speed	62	323-10	1	Screw-HH 3/8-16 X 2
26	1-633131	1	Yoke-Linkage, Brake	63	1-414508	1	Bellcrank ASM
27	3256-23	7	Washer-5/16 Sae	64	1-303548	1	Bushing-Plastic
28	1-603676	2	Swivel-Adjustable, Short	65	32128-21	1	Nut-3/8-16 Flanged Side Lock
29	1-800016	2	Bolt-HH 5/16-18 X 1 1/4 Tap	66	103-2399	1	Pin-Clevis Spring 3/8
30	1-413489	1	Linkage-Lower	67	3218-2	2	Nut-Jam 5/16-18
31	1-803022	2	Setscrew-5/16-18 X 5/8 ●	68	1-643312	1	Clip-Loom
32	103-1190-01	1	Shaft-Control, LH	69	116-4397	1	Muffler
33	103-4796-01	1	Shaft-Control, RH	70	1-653313	2	Gasket-Exhaust
34	3218-3	1	Nut-Jam 3/8-16	71	114-3550	4	Washer-Lock, Spring
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				

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

ECS Upper Handles and Controls Assembly

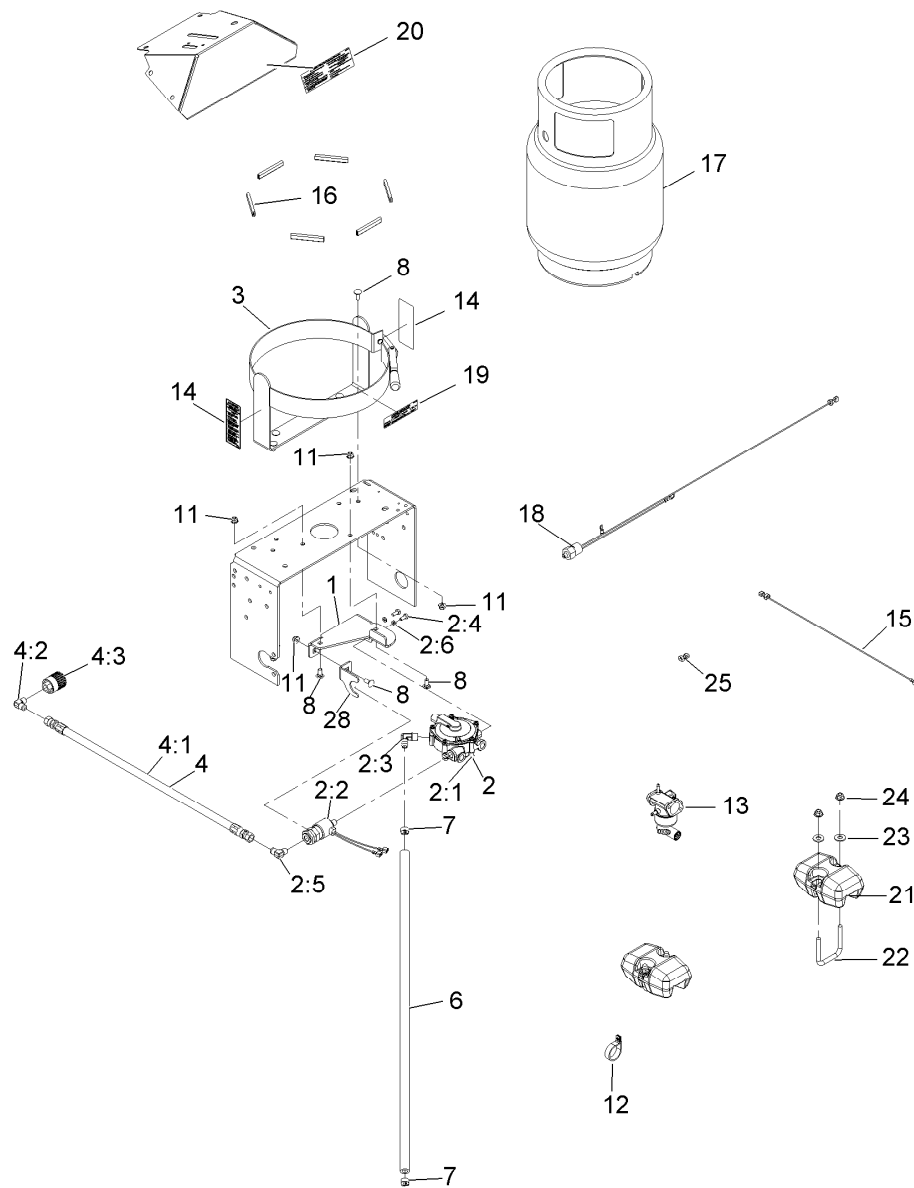


ECS Upper Handles and Controls Assembly (continued)

<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	1-303020	1	Grip-Lever	31	103-1372	1	Thumb Latch Asm LH(Not Shown)
2	1-414234	1	Asm, Lever (1-412295-03) W/Grip	32	103-0235	2	Screw-HH 1/4-20 X 1 1/8 W/Nylon ●
3	3256-4	2	Washer-3/8 Std	33	116-4082	1	Lever, Drive RH
4	323-11	1	Screw-HH 3/8-16 X 2 1/4	34	3290-357	4	Nut-Whizlock 3/8-16
5	322-9	2	Screw-HH 5/16-18 X 1 3/4	35	98-5975	4	Washer-Spring Disc 3/8
6	3296-39	1	Nut-Nyloc 3/8-16	36	323-6	4	Screw-HH 3/8-16 X 1
7	1-806003	2	Hairpin-Cotter	37	3220-3	4	Nut-Jam 3/8-24
8	103-1149	1	Link, Blade Engagement	38	322-10	2	Screw-HH 5/16-18 X 2
9	1-413279	1	Turnbuckle	39	1-603716	1	Washer-Friction Disc
10	3217-7	1	Nut-Hex 3/8-16	40	1-323244	2	Washer-Friction
11	116-4079	1	Wld, Lever, Opc (LH) ■	41	109-4650	1	Asm, Console (109-4649-03)W/ Decals
12	1-803322	2	Setscrew-5/16-24 X 5/16 ●	42	116-4083	1	Wld, Speed Shift
13	1-303365	2	Bushing-Nylon	43	103-0423	1	Knob-Nyloc 3/8-16
14	103-0769-03	1	Wld, Opc Axle Lever	44	3296-29	4	Nut-Nyloc 5/16-18
15	1-303363	1	Spring-Extension	45	1-323245	2	Spring-Compression
16	116-4080	1	Wld, Opc Lever (RH) ■	46	3256-23	1	Washer-5/16 Sae
17	1-807513	2	Bolt-Carriage #10-24 X 1/2	47	321-3	8	Screw-HH 1/4-20 X 5/8
19	116-2426	1	Cable, Throttle	48	1-413225	1	Rod, Speed Control
20	3296-2	3	Nut-Nyloc #10-24	49	3220-2	1	Nut-Jam 5/16-24
21	103-0770-03	1	Wld, Handle	50	1-303105	1	Yoke-Adjustable
22	103-0815	2	Grip-Bar, Handle	51	1-808280	1	Pin-Clevis 5/16 X 1 49/64
23	1-413152	4	Bushing-Sleeve	67	103-2513	1	Asm, Drive Lever RH
24	116-4081	1	Lever, Drive LH	68	103-2463	2	Balljoint
25	103-0027	2	Bushing-Lever, Drive	69	103-0503	1	Bracket, Shifter Slide
26	321-14	2	Screw-HH 1/4-20 X 2 3/4	70	103-0489-03	1	Bracket, Opc Axle
27	32128-33	10	Nut-Whizlock 1/4-20	71	3219-3	2	Nut-Hex 3/8-24
28	103-0464	2	Pin-Spring 1/8 X 1/2	72	103-2514	1	Asm, Drive Lever LH
29	3256-22	10	Washer-1/4 Sae	73	3272-5	1	Pin-Cotter 3/32 X 1/2
30	1-303435	6	Washer-Spring Disc 1/4				
31	103-1371	1	Thumb Latch Asm RH(Shown)				

● 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.



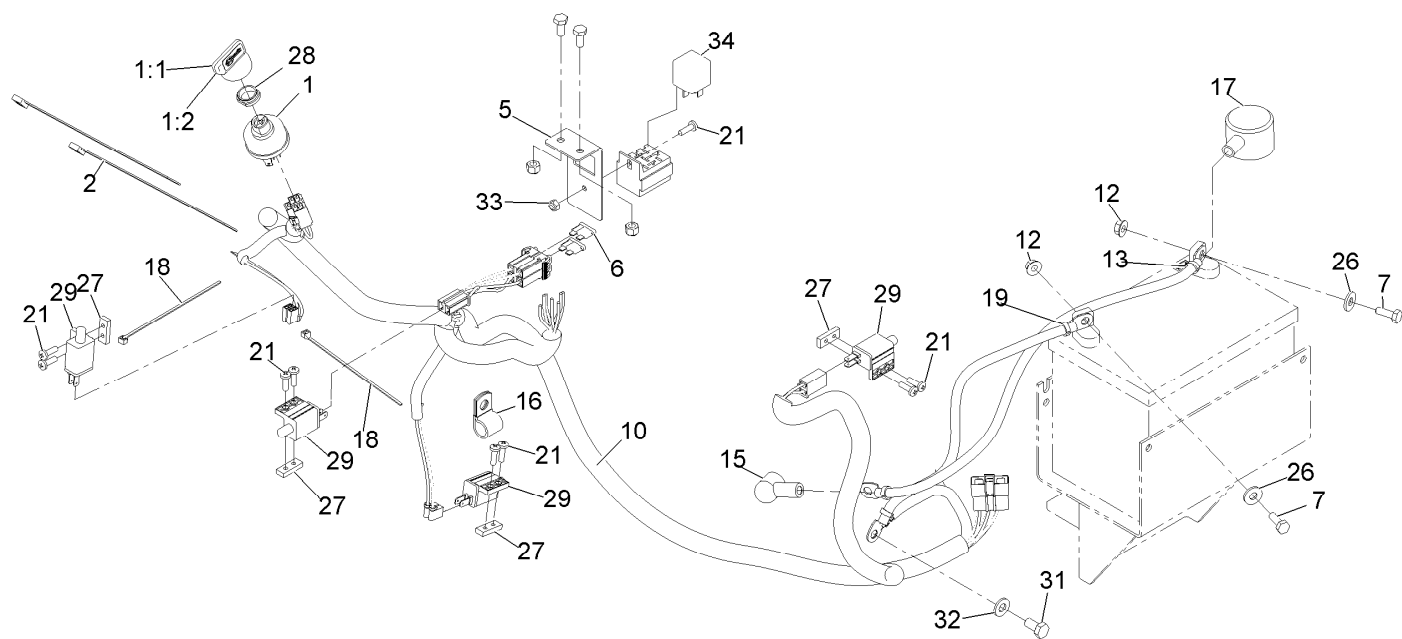
Fuel Assembly

Ref.	Part Number	Qty.	Description
1	116-3749-03	1	Bracket, Tank Locator
2		1	Asm, Reg And Shutoff ■
2:1	116-2567	1	Regulator-LP, T60
2:2	116-1288	1	Asm, Lpg Fuel Shutoff W/ Terminals
2:3	116-1127	1	Elbow-90°
2:4	321-3	2	Screw-HH 1/4-20 X 5/8
2:5	116-1116	1	Elbow-90°
2:6	1-805004	2	Washer-Lock 1/4 Heavy
3	116-1099	1	Bracket, Lpg Tank Vertical
4		1	Asm, Lpg Fuel Hose ■
4:1	116-1087	1	Hose, Lpg
4:2	116-1116	1	Elbow-90°
4:3	116-1073	1	Connector, Lpg Tank
6	116-4115	1	Hose, Lpg 3/8 X 33In
7	97-1271	2	Clamp-Hose
8	3230-1	7	Bolt-Carriage 5/16-18 X 3/4
11	104-8300	7	Nut-Nyloc 5/16-18 Flg

Ref.	Part Number	Qty.	Description
12	103-0113	1	Clip-Loom
13	116-3540	1	Carburetor, Lpg
14	109-9875	2	Decal-Lpg Warning
15	116-1291	1	Asm, Wire 20
16	105-7699	6	Strip-Seal
17	109-9675	1	Tank, Lpg 20 Lb Vertical
18	116-2842	1	Oil Pressure Switch ASM
19	109-9870	1	Decal-Lpg Tank Spec
20	109-9906	1	Decal,Tank Replacement
21	103-2455-01	2	Weight, Caster Support
22	103-2469	2	U-Bolt
23	3256-4	4	Washer-3/8 Std
24	104-8301	4	Nut-Nyloc 3/8-16 Flg
25	32170-061	1	Recept, Fem, .250, Insul.
26	116-1457	1	Washer, Rubber Lpg Connector ●
27	116-1456	1	O-Ring, Lpg Connector ●
28	116-3750-03	1	Solenoid-Support

● Not illustrated

■ Not serviced separately



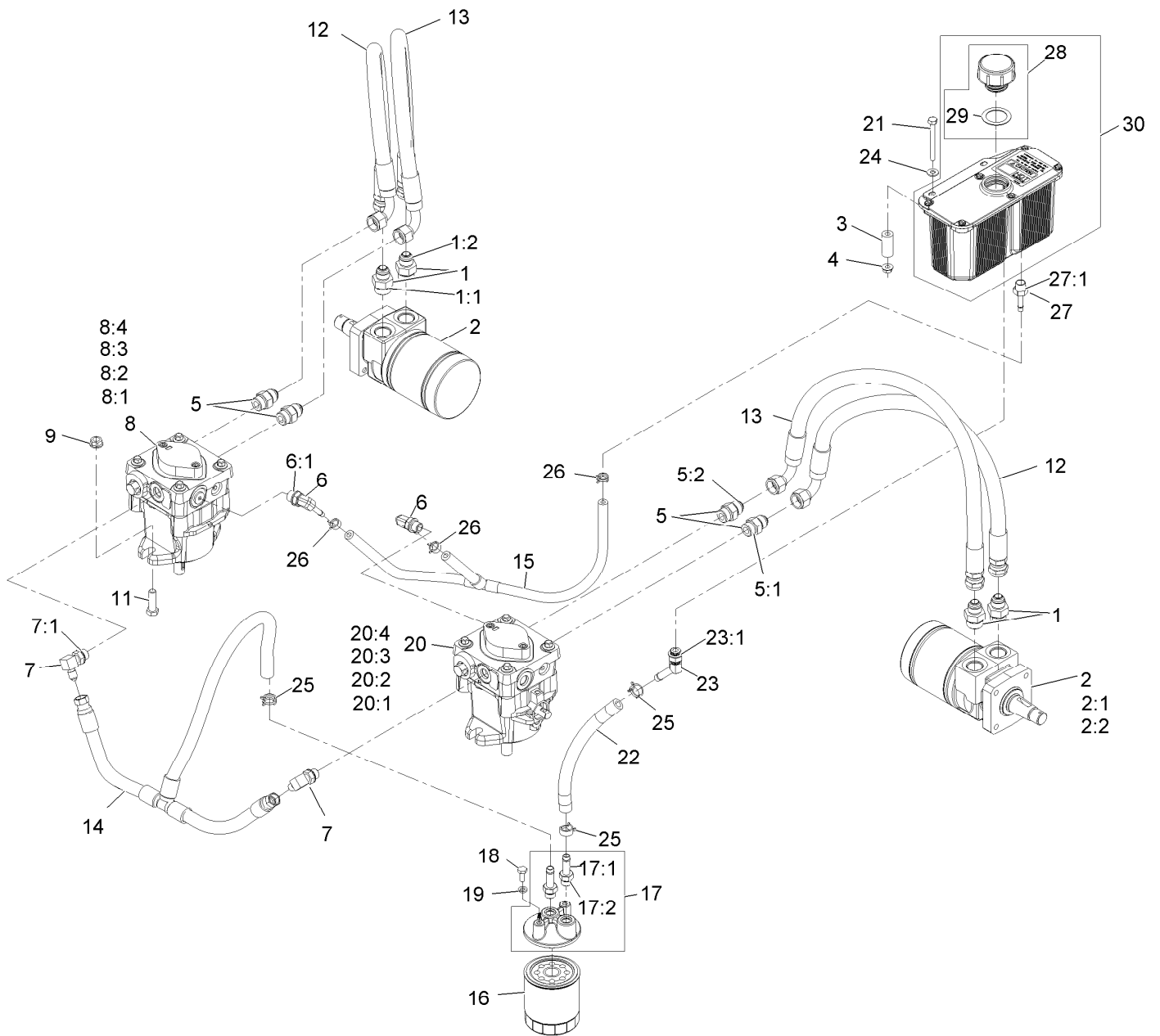
Electrical Assembly

Ref.	Part Number	Qty.	Description
1	103-0206	1	Switch-Ignition W/Keys
1:1	1-603511	1	Key-Ignition
1:2	103-2106	1	Key-Exmark Logo
2	1-303335	2	Tie-Cable 7 15/16 (Large)
5	116-2738-01	1	Bracket, Fuse
6	1-816001	2	Fuse-Blade Type, 20 Amp
7	321-4	5	Screw-HH 1/4-20 X 3/4
10	116-2560	1	Harness, Wiring ●
12	32128-33	2	Nut-Whizlock 1/4-20
13	109-7628	1	Cable, Battery +
15	1-543393	1	Insulator-Solenoid
16	1-603727	1	Clip-Loom

Ref.	Part Number	Qty.	Description
17	109-2407	1	Insulator-Battery
18	1-303287	2	Tie-Cable 5 1/2 (Small)
19	1-413540	1	Cable-Battery, Negative
21	3290-500	9	Screw-PPH #10-24 X 5/8
26	3256-2	2	Washer-1/4 Std
27	1-633181	4	Plate-Tapped
28	103-0498	1	Nut-Ignition
29	1-513051	4	Switch-N.O.
31	33114-016	1	Screw-HH M8-1.25 X 16Mm
32	33094-00	1	Washer
33	3296-2	1	Nut-Nyloc #10-24
34	1-643275	1	Relay-12Vdc 40 Amp

● Use dielectric grease on all wiring harness connectors.

Hydraulic Assembly

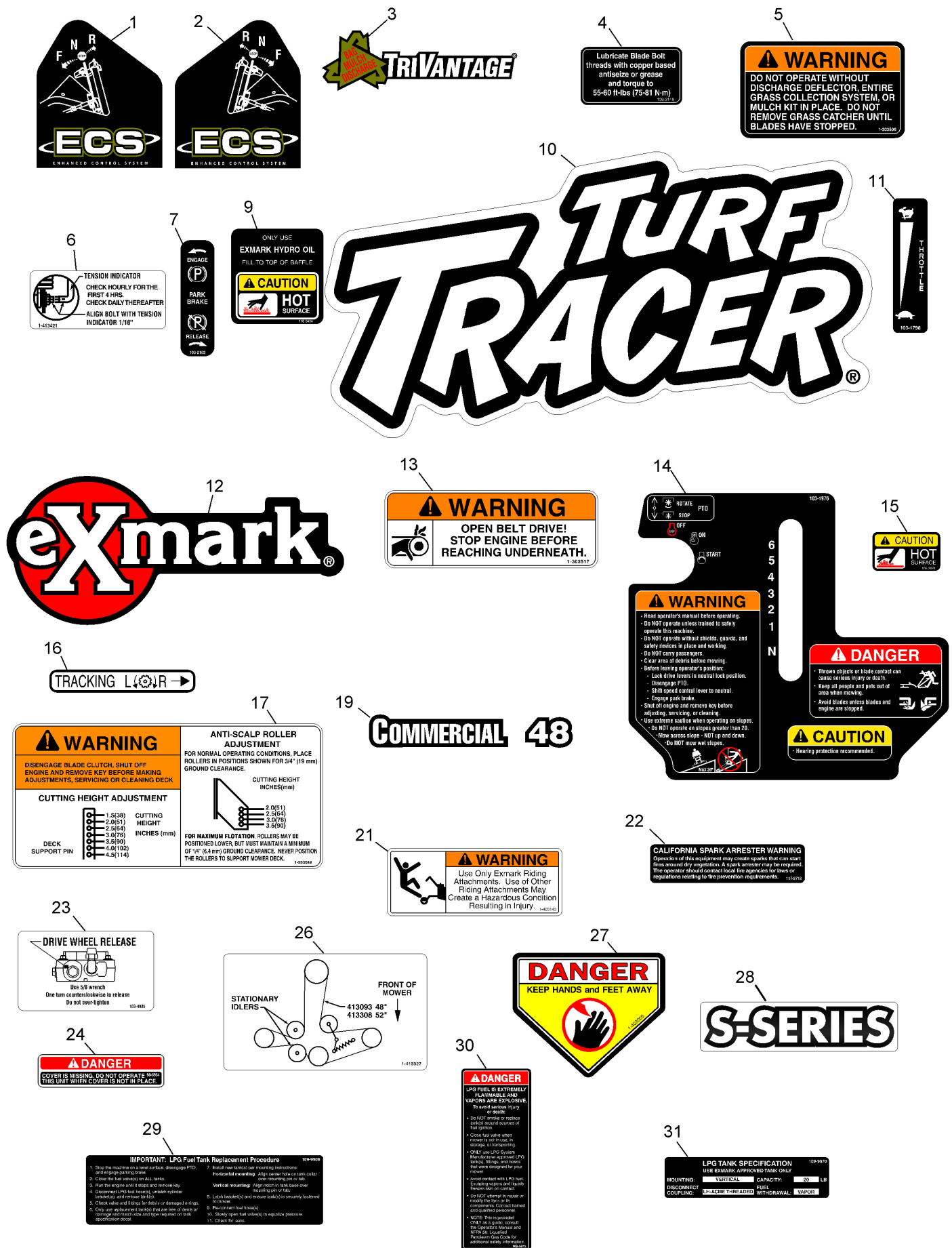


Hydraulic Assembly (continued)

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

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

Decals



Decals (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	103-2242	1	Decal, LH Ecs Instruction	16	1-413214	1	Decal, Tracking
2	103-2243	1	Decal, RH Ecs Instruction	17	1-553049	1	Decal-Anti Scalp
3	1-303520	1	Decal, Trivantage	19	1-403131	1	Decal-Commercial 48
4	109-3148	1	Decal,Bolt Torque	21	1-403143	1	Decal, Sulky Warning
5	1-303508	1	Decal-Warning, Discharge	22	117-2718	1	Decal-Arrester, Spark
6	1-413421	1	Decal, Indicator	23	103-4935	1	Decal, Drive Wheel Release
7	103-2103	1	Decal-Brake, Park	24	98-5954	3	Decal-Cover, Missing
9	116-0404	1	Decal, Hydraulic Tank	26	1-413327	1	Decal, Belt Routing
10	103-3013	1	Decal-Turf Tracer	27	1-403005	2	Decal-Danger
11	103-1798	1	Decal, Throttle	28	116-3884	2	Decal-S-Series
12	103-2882	1	Decal,Exmark Logo	29	109-9906	1	Decal,Tank Replacement
13	1-303517	1	Decal,Belt Drive	30	109-9875	1	Decal-Lpg Warning
14	103-1976	1	Decal, Ecs Console	31	109-9870	1	Decal-Lpg Tank Spec
15	103-2076	2	Decal-Caution	99	103-2461	1	Decal Kit ●

● Not illustrated

Notes:

Notes:

Notes:

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MICRO-MULCH SYSTEM	ULTRA VAC QUICK DISPOSAL SYSTEM

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LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
MICRO-MULCH SYSTEM	ULTRA VAC QUICK DISPOSAL SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)	WEATHER CAB

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MICRO-MULCH SYSTEM	STANDON

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