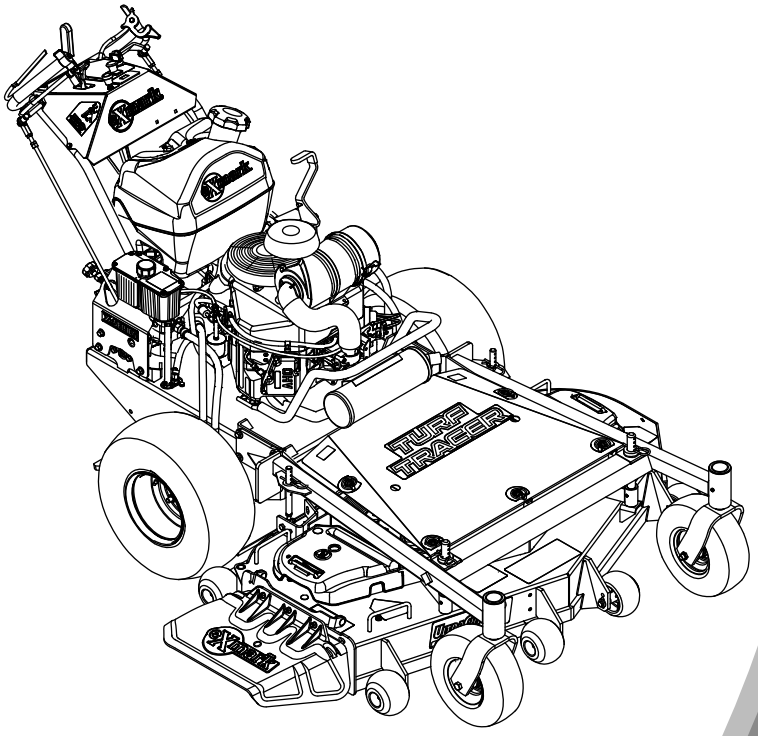
# TURF TRACER®
# X-SERIES

**Model No. TTX691CKA52400—Serial No. 408644346 and Up**

**Picture below may not reflect actual product.**




# Parts Manual

Part No. 4505-412 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.

# 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).

**© 2020—Exmark Mfg. Co., Inc.**
**415 Industrial Row**
**Beatrice, NE 68310**



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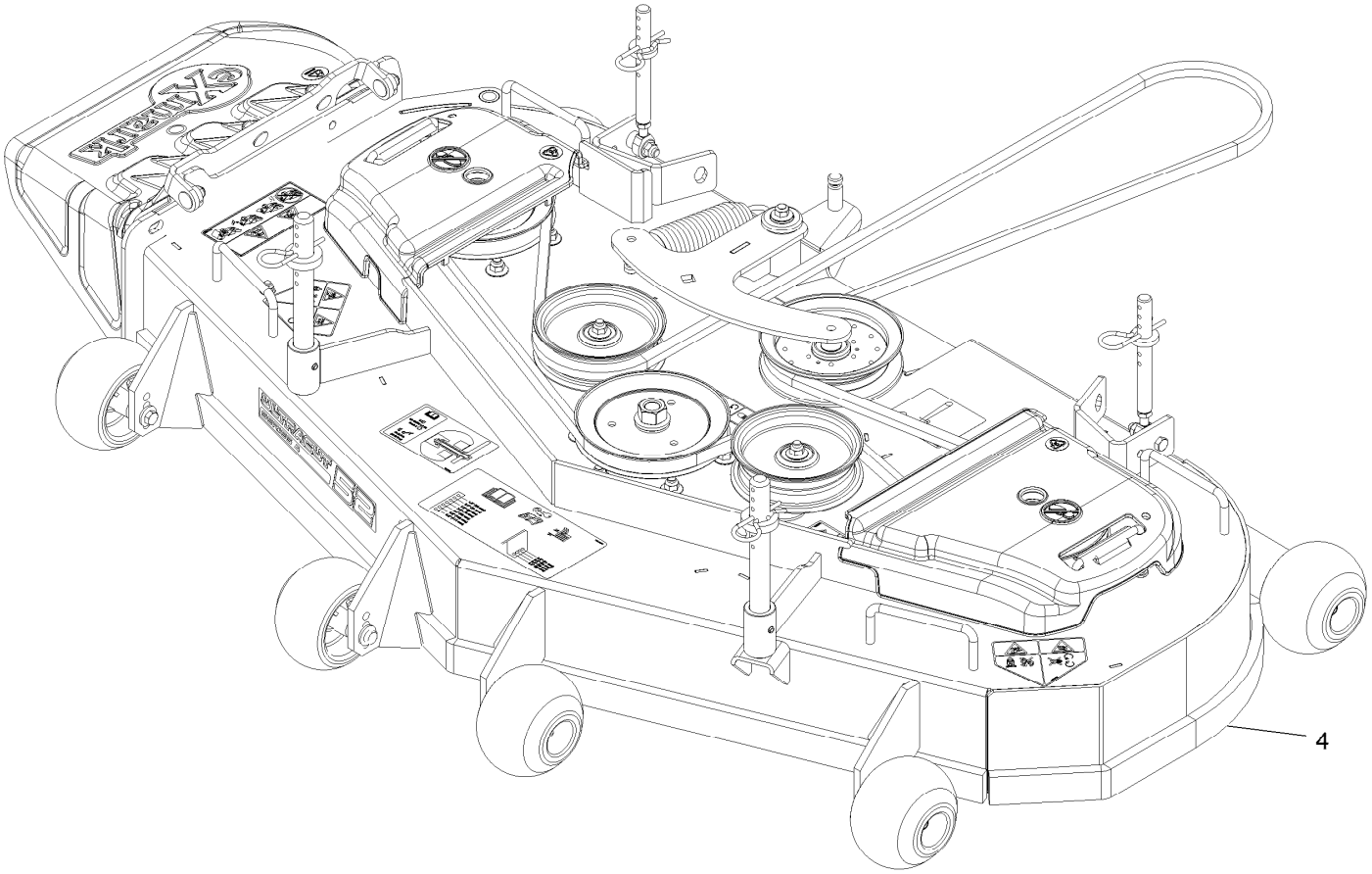



If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

# Contents

Complete Deck Assembly . . . . . 4
Deck Assembly . . . . . 6
Deck W/Decals . . . . . 8
Deck Idler Assembly No. 126-2314 . . . . . 10
Frame Assembly . . . . . 12
Front Frame Assembly . . . . . 14
Handle Assembly . . . . . 16
Controls Assembly . . . . . 18
Engine Deck Assembly . . . . . 20
Engine Assembly . . . . . 22
Fuel Assembly . . . . . 24
Hydro Assembly . . . . . 26
Electrical Assembly . . . . . 28

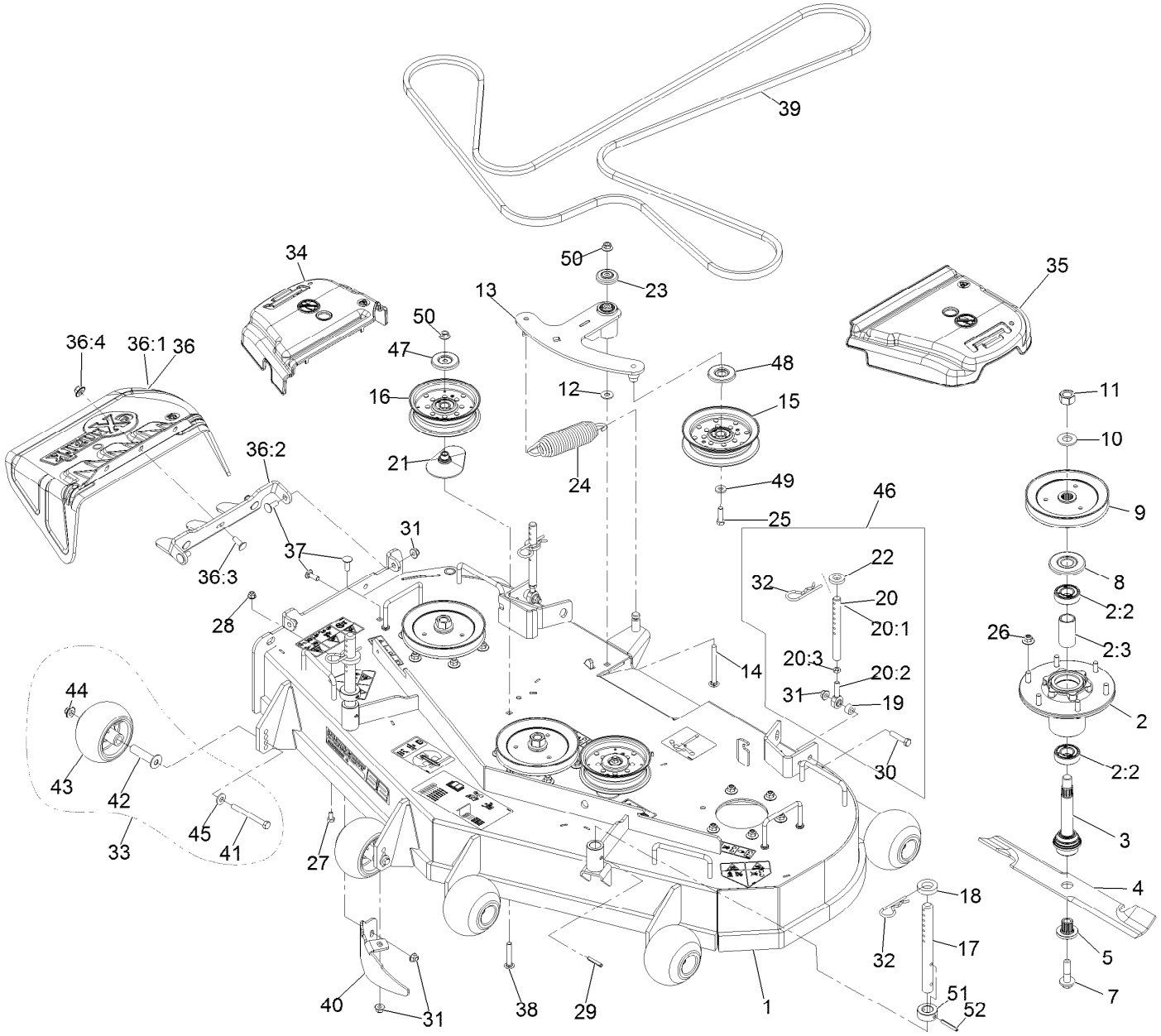
# Complete Deck Assembly



# Complete Deck Assembly (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 4 | 126-2536 | 1 | ASM, Complete Deck, 52 |

# Deck Assembly



# Deck Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 126-2472 | 1 | ASM, Deck W/ Decals, 52" |
| 2 | 116-3344 | 3 | ASM-Cutter Hsg With Bearings |
| 2:2 | 116-0720 | 2 | Bearing-Ball |
| 2:3 | 116-3312 | 1 | Spacer-Bearing |
| 3 | 116-3341 | 3 | ASM-Spindle And Seal ❑ |
| 4 | 116-5175 | 3 | Blade-Extreme 2, 18.00" ● |
| 4 | 103-6402 | 3 | Blade-Notched |
| 4 | 103-6392 | 3 | Blade, Mulching ◆ |
| 4 | 103-6387 | 3 | Blade, Low Lift ● |
| 4 | 103-6382 | 3 | Blade, Solid ● |
| 5 | 103-3037 | 3 | Bushing, Splined |
| 7 | 109-9220 | 3 | Screw-Sems ■ ❍ |
| 8 | 116-1286 | 3 | Guard,Bearing Top .989 |
| 9 | 116-0675 | 3 | Sheave,Blade Drive 6.50 |
| 10 | 103-2802 | 3 | Washer |
| 11 | 116-7306 | 3 | Nut-Hex ▲ |
| 12 | 3256-4 | 1 | Washer-Flat |
| 13 | 126-2314 | 1 | ASM, Deck Idler |
| 14 | 3231-24 | 1 | Screw-CARR |
| 15 | 126-9196 | 1 | Idler-Pulley, Flat |
| 16 | 126-9197 | 2 | Idler-Pulley, Flat 5.00X1.31 |
| 17 | 135-4829 | 2 | Rod, Deck Support |
| 18 | 1-413425 | 2 | Spacer-Deck Support |
| 19 | 1-603050 | 2 | Spacer |
| 20 | 1-414521 | 2 | Link Assy |
| 20:1 | 1-413525 | 1 | Link, Rear Deck Support |
| 20:2 | 1-613204 | 1 | Balljoint |
| 20:3 | 3220-3 | 1 | Nut-HJ |
| 21 | 109-2872 | 2 | Spacer-Pulley |
| 22 | 1-323539 | 2 | Spacer |
| 23 | 103-2916 | 1 | Guard-Top |
| 24 | 116-6317 | 1 | Spring-Extension |
| 25 | 323-7 | 1 | Screw-HH |
| 26 | 109-6658 | 18 | Nut-Flange, NI |
| 27 | 322-2 | 1 | Screw-HH |
| 28 | 104-8300 | 1 | Nut-HF, NI |
| 29 | 1-806332 | 2 | Roll Pin, 1/4 X 1-1/2 |
| 30 | 323-9 | 2 | Screw-HH |
| 31 | 104-8301 | 6 | Nut-HF, NI |
| 32 | 1-806009 | 4 | Hairpin, .177 |
| 33 | 116-9981 | 6 | Kit, Anti-Scalp Roller |
| 34 | 109-6935 | 1 | Cover-Belt, RH |
| 35 | 109-6936 | 1 | Cover-Belt, LH |
| 36 | 109-7188 | 1 | ASM,Discharge Chute |
| 36:1 | 109-2738 | 1 | Chute, Discharge |
| 36:2 | 109-8675-01 | 1 | Bracket,Discharge Chute |
| 36:3 | 3231-22 | 3 | Screw-CARR |
| 36:4 | 109-6658 | 3 | Nut-Flange, NI |
| 37 | 3231-22 | 4 | Screw-CARR |
| 38 | 3231-40 | 2 | Bolt-CARR |
| 39 | 126-2538 | 1 | Belt-Drive, Deck |
| 40 | 116-5814-01 | 1 | Baffle-Dogleg, Lz-Vt52 |
| 41 | 116-9362 | 6 | Screw-HH |
| 42 | 116-8131 | 6 | Axle, Roller |
| 43 | 103-8415 | 6 | Roller-Anti-Scalp |
| 44 | 109-6658 | 6 | Nut-Flange, NI |
| 45 | 98-5975 | 6 | Washer-Belleville |
| 46 | 1-411532 | 2 | Kit, Support Link W/Pin |
| 47 | 126-8043 | 2 | Shield-Dust |
| 48 | 126-9195 | 1 | Shield-Guard, Dust |
| 49 | 43-0940 | 1 | Spacer |
| 50 | 32128-19 | 3 | Nut-HF Lock,Large Flg |
| 51 | 135-4828 | 2 | Collar, Deck Height Pin |
| 52 | 32121-32 | 2 | Pin-Roll |

● Optional Equipment

■ Torque to 50-60 ft-lb

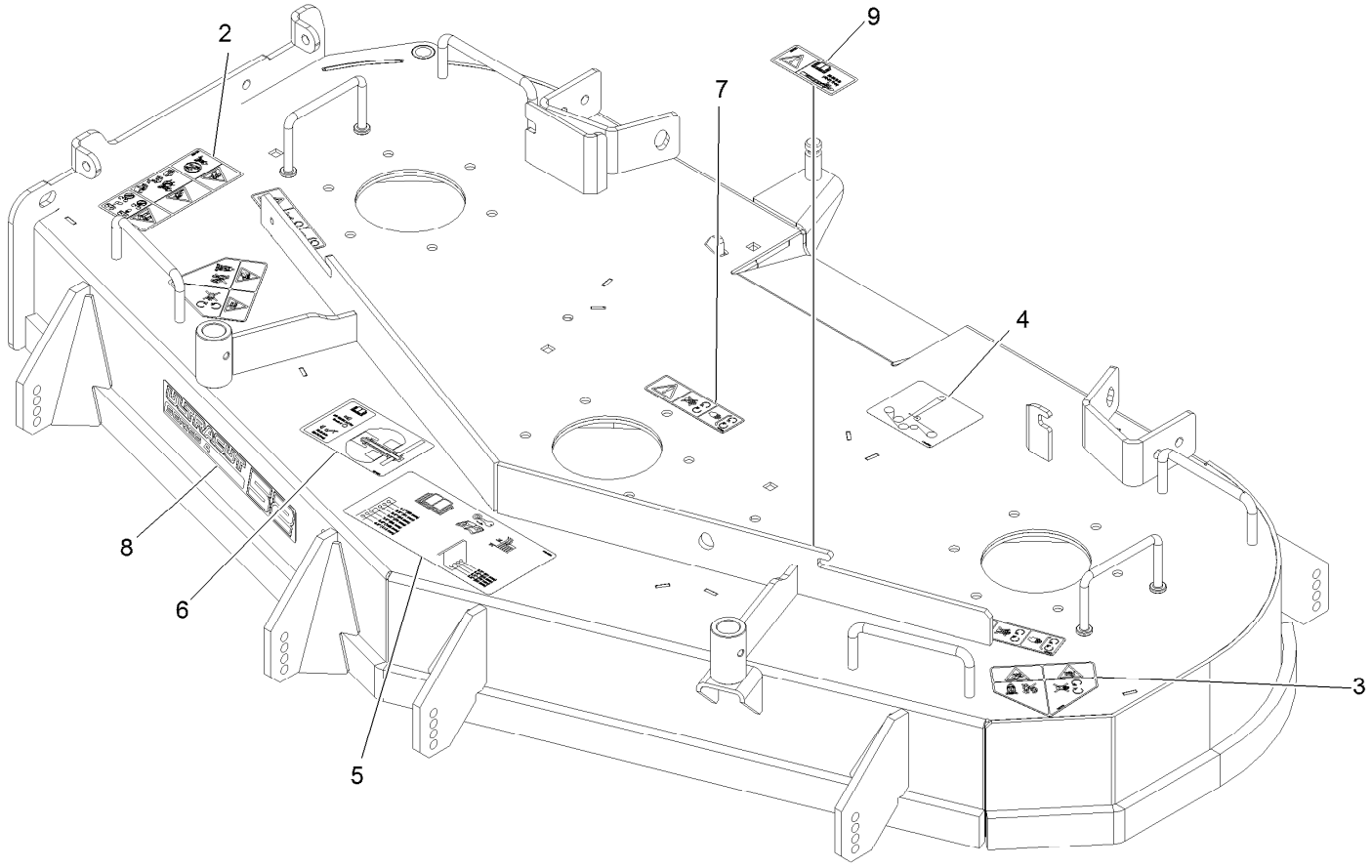
▲ Torque to 130-160 ft-lb

◆ 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.

❍ Apply lubricant to threads as needed to prevent seizing. Copper based anti-seize preferable. Grease is an acceptable substitute.

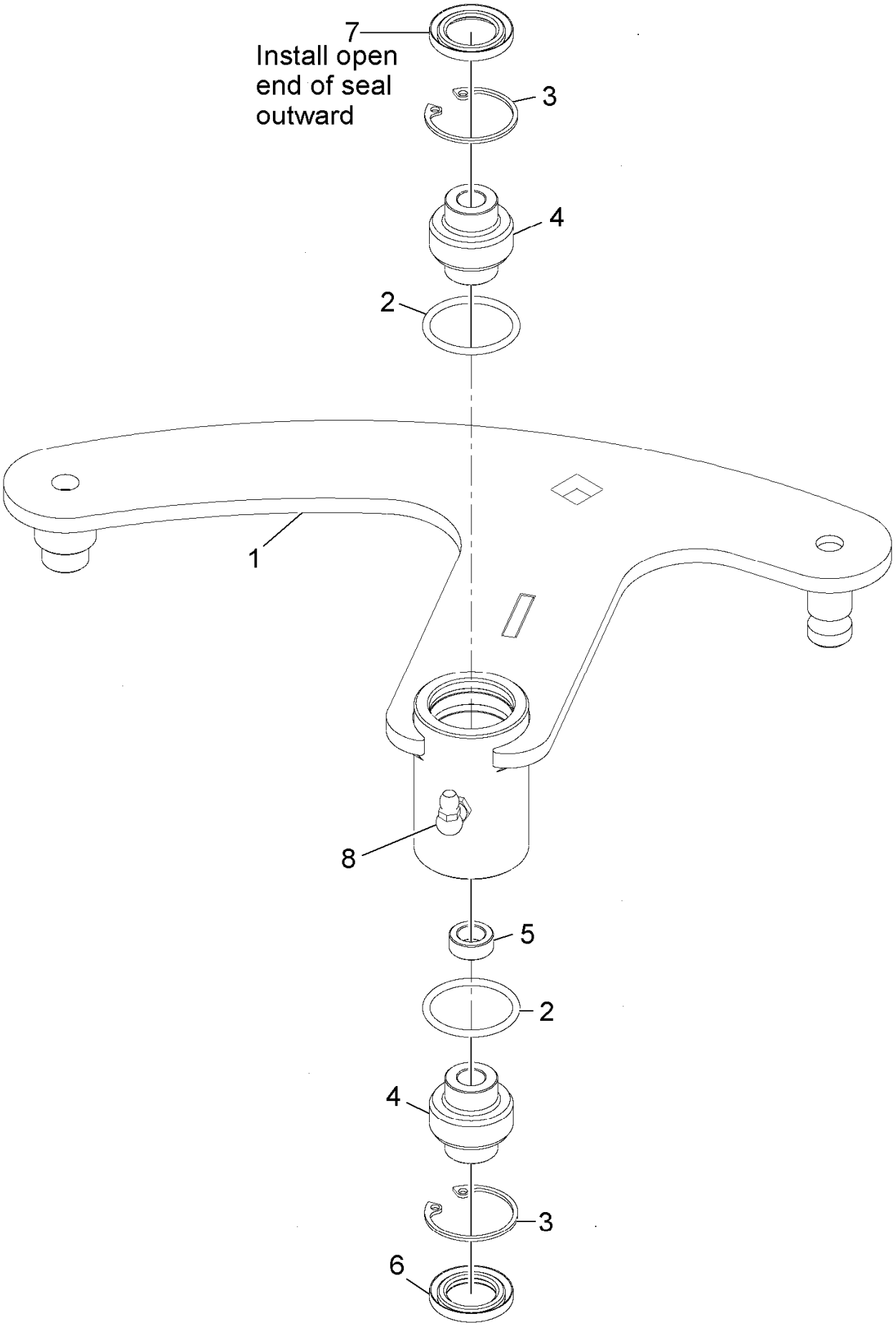
# Deck W/Decals



# Deck W/Decals (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 135-5210 | 1 | Decal-Warning Thrown Obj |
| 3 | 112-8760 | 2 | Decal-Danger |
| 4 | 116-8727 | 1 | Decal-Belt Routing |
| 5 | 116-8278 | 1 | Decal-Anti-Scalp |
| 6 | 126-0898 | 1 | Decal-Roller Mounting |
| 7 | 112-9028 | 3 | Decal-Cover, Missing |
| 8 | 126-6588 | 1 | Decal, 524 |
| 9 | 116-8283 | 1 | Decal-Torque, Bolt |

# Deck Idler Assembly No. 126-2314

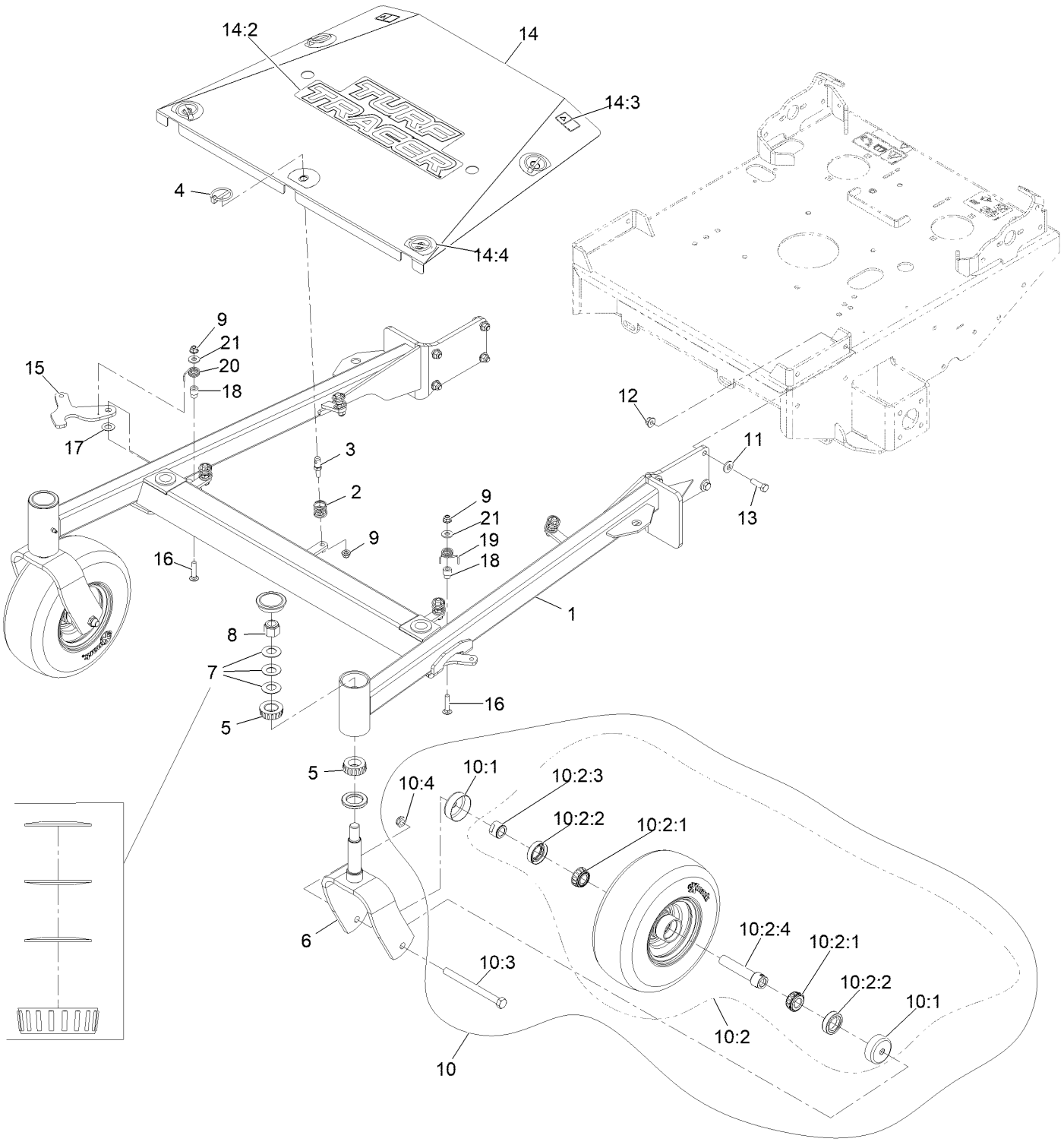


# Deck Idler Assembly No. 126-2314 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | | 1 | Weld, Idler Arm ● |
| 2 | 106-7159 | 2 | O-Ring |
| 3 | 32120-10 | 2 | Ring-Snap |
| 4 | 103-3504 | 2 | Bearing-Spherical |
| 5 | 103-5677 | 1 | Spacer |
| 6 | 103-3505 | 1 | Seal-Lip, Double |
| 7 | 103-3506 | 1 | Seal-Lip, Single |
| 8 | 302-40 | 1 | Fitting-Grease, 90 DEG |

● Not serviced separately

# Frame Assembly

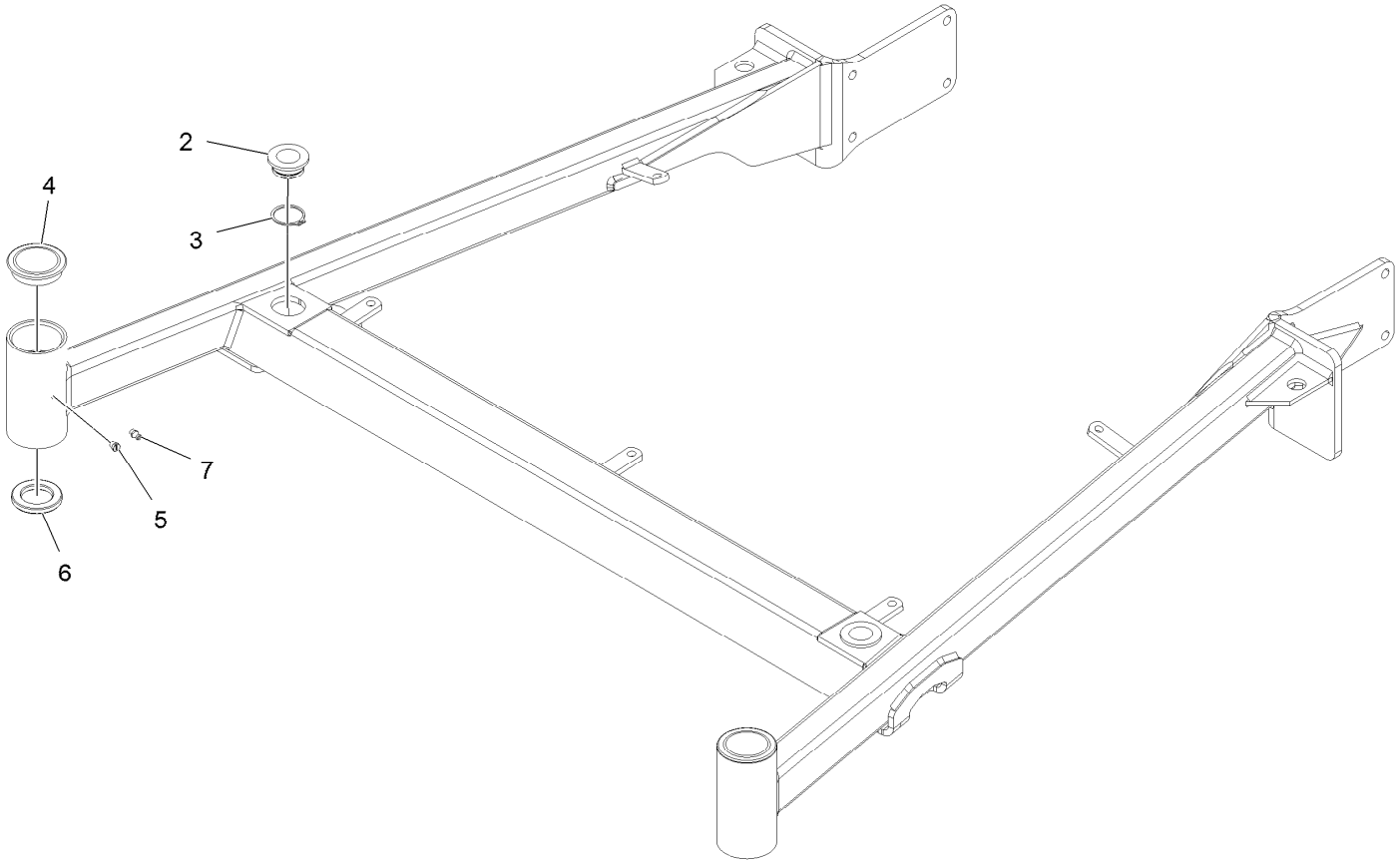


# Frame Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 126-2540 | 1 | ASM, Front Frame W/ Bearings, 52 |
| 2 | 126-1503 | 5 | Spring |
| 3 | 135-7455 | 5 | Pin, Spring |
| 4 | 92-1298 | 5 | Pin-Lynch |
| 5 | 1-543509 | 4 | Cone-Bearing Tapered Roller |
| 6 | 103-1891-01 | 2 | Wld, Caster Fork |
| 7 | 1-633508 | 6 | Washer-Spring Disc |
| 8 | 3296-51 | 2 | Nut-Nyloc 3/4-10 |
| 9 | 104-8300 | 7 | Nut-Nyloc 5/16-18 Flg |
| 10 | 109-3524 | 2 | Asm, Wheel And Bearings |
| 10:1 | 103-2768 | 2 | Guard-Seal |
| 10:2 | | 1 | Wheel And Bearing ASM ● |
| 10:2:1 | 1-633585 | 2 | Bearing-Cone Tapered Roller |
| 10:2:2 | 103-0063 | 2 | Seal-Double Lip |
| 10:2:3 | 103-3051 | 1 | Spacer-Nut |
| 10:2:4 | 126-5359 | 1 | Caster Axle ASM |
| 10:3 | 325-20 | 1 | Screw-HH 1/2-13 X 6 |
| 10:4 | 3296-45 | 1 | Nut-Nyloc 1/2-13 Thin |
| 11 | 98-5975 | 8 | Washer-Spring Disc 3/8 |
| 12 | 104-8301 | 8 | Nut-Nyloc 3/8-16 Flg |
| 13 | 323-7 | 8 | Screw-HH 3/8-16 X 1 1/4 |
| 14 | 126-2544 | 1 | ASM, Center Shield W/ Decals, 52 |
| 14:2 | 126-6892 | 1 | Decal-Turf Tracer |
| 14:3 | 106-5517 | 2 | Decal-Warning |
| 14:4 | 126-1692 | 5 | Decal-Scratch Cover |
| 15 | 135-4827-01 | 2 | Latch, Deck Height |
| 16 | 3230-4 | 2 | Bolt-Carriage 5/16-18 X 1 1/2 |
| 17 | 110-4068 | 2 | Washer-Plastic |
| 18 | 108-9087 | 2 | Collar-Basket |
| 19 | 75-3960 | 1 | Spring-Torsion, LH (Yellow) |
| 20 | 75-3970 | 1 | Spring-Torsion, RH |
| 21 | 3256-3 | 2 | Washer-5/16 Std |

● Not serviced separately

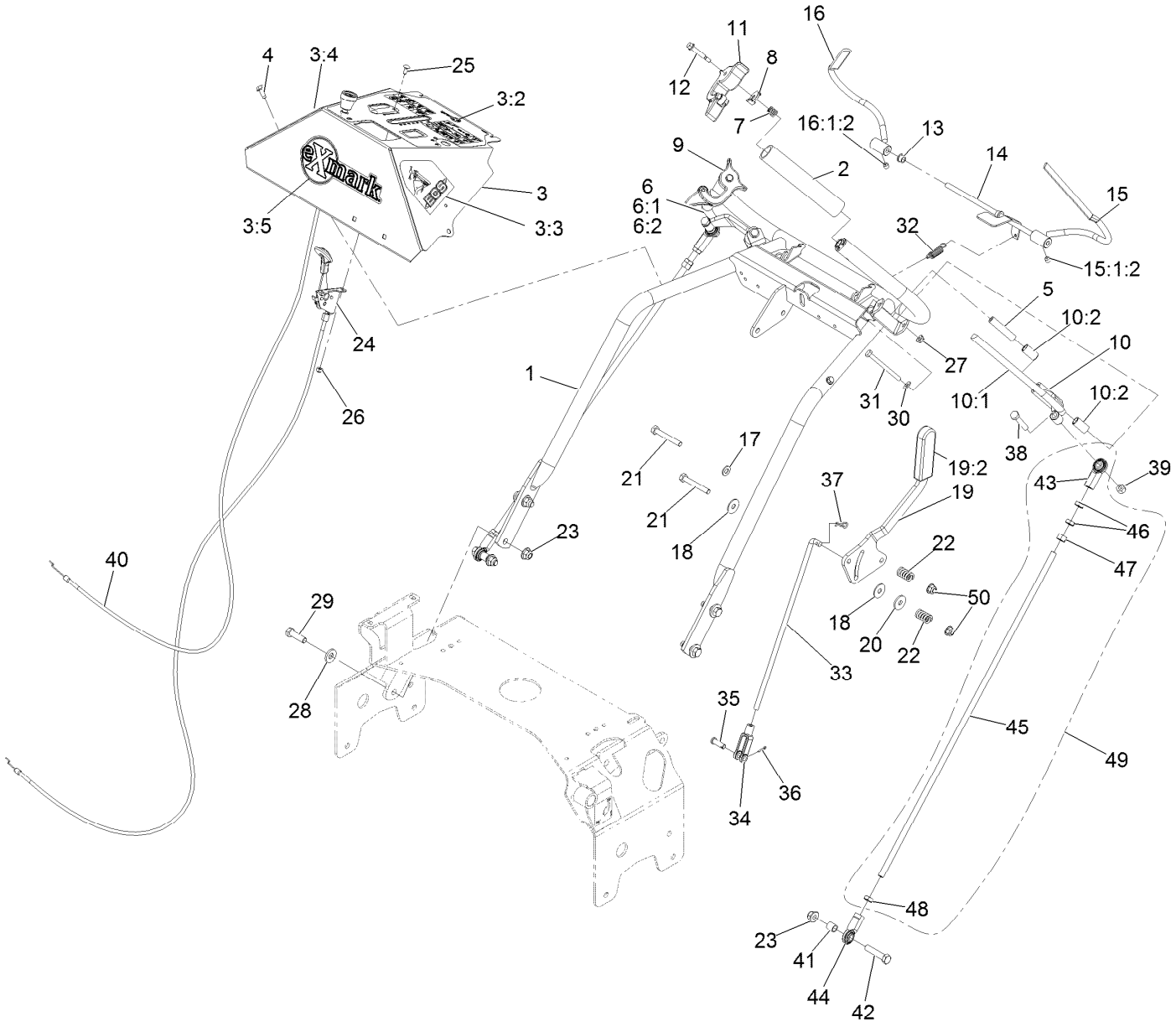
# Front Frame Assembly



# Front Frame Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 1-513336 | 2 | Bushing-Deck |
| 3 | 32120-33 | 2 | Ring-Retaining |
| 4 | 103-4882 | 2 | Cap-Grease |
| 5 | 1-811010 | 2 | Plug |
| 6 | 1-543511 | 2 | Seal-Grease |
| 7 | 302-19 | 1 | Zerk-1/4-28 Str |

# Handle Assembly

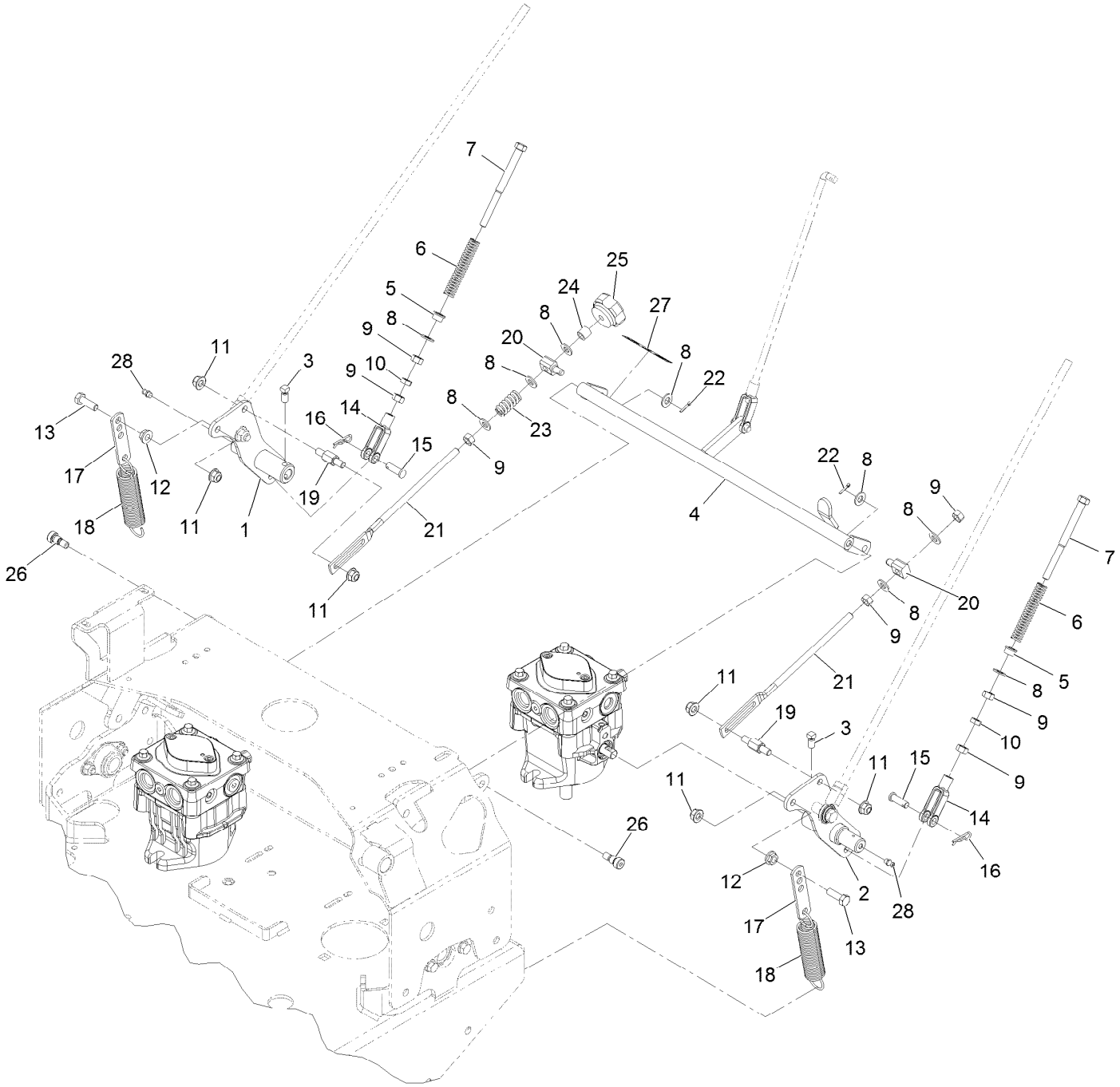


# Handle Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 126-2642-03 | 1 | Weld, Handle |
| 2 | 103-0815 | 2 | Grip-Bar, Handle |
| 3 | 126-3541 | 1 | ASM, Console W/ Decals |
| 3:2 | 135-2863 | 1 | Decal-Console |
| 3:3 | 103-2242 | 1 | Decal, Ecs Instruction LH |
| 3:4 | 103-2243 | 1 | Decal, Ecs Instruction RH |
| 3:5 | 126-6877 | 1 | Decal, Exmark Logo |
| 4 | 32144-10 | 2 | Screw-HWH 1/4-20 X .62 |
| 5 | 103-0027 | 2 | Bushing-Lever, Drive |
| 6 | 103-2513 | 1 | Asm, Drive Lever RH |
| 6:1 | 116-4082 | 1 | Wld,RH Drive Lever |
| 6:2 | 126-9366 | 2 | Bushing, Sleeve |
| 7 | 1-633349 | 2 | Spring-Compression |
| 8 | 126-2921 | 2 | Latch, Ecs |
| 9 | 103-1371 | 1 | Thumb Latch Asm RH |
| 10 | 103-2514 | 1 | Asm, Drive Lever LH |
| 10:1 | 116-4081 | 1 | Wld,LH Drive Lever |
| 10:2 | 126-9366 | 2 | Bushing, Sleeve |
| 11 | 103-1372 | 1 | Thumb Latch Asm LH |
| 12 | 126-2931 | 2 | Screw-Shoulder |
| 13 | 1-303365 | 2 | Bushing-Nylon |
| 14 | 103-0769-03 | 1 | Rod Weldment, OPC |
| 15 | 116-4079 | 1 | Wld,LH OPC Lever ■ |
| 15:1:2 | 1-803322 | 1 | Setscrew-5/16-24 X 5/16 ● |
| 16 | 116-4080 | 1 | Wld,RH OPC Lever ■ |
| 16:1:2 | 1-803322 | 1 | Setscrew-5/16-24 X 5/16 ● |
| 17 | 3256-23 | 1 | Washer-5/16 SAE |
| 18 | 1-323244 | 2 | Washer-Friction |
| 19 | 126-0148 | 1 | Lever, Shift W/Grip |
| 19:2 | 103-5994 | 1 | Grip-Handle, Steering |
| 20 | 1-603716 | 1 | Washer-Friction Disc |
| 21 | 322-11 | 2 | Screw-HH 5/16-18 X 2 1/4 |
| 22 | 1-323245 | 2 | Spring-Compression |
| 23 | 104-8301 | 6 | Nut-Nyloc 3/8-16 Flg |
| 24 | 109-3958 | 1 | Control-Throttle |
| 25 | 1-807513 | 2 | Bolt-Carriage #10-24 X 1/2 |
| 26 | 3296-2 | 2 | Nut-Nyloc #10-24 |
| 27 | 104-7201 | 2 | Nut-Nyloc 1/4-20 Flg |
| 28 | 98-5975 | 4 | Washer-Spring Disc 3/8 |
| 29 | 323-7 | 4 | Screw-HH 3/8-16 X 1 1/4 |
| 30 | 3256-22 | 2 | Washer-1/4 SAE |
| 31 | 321-14 | 2 | Screw-HH 1/4-20 X 2 3/4 |
| 32 | 1-303363 | 1 | Spring-Extension |
| 33 | 1-413225 | 1 | Rod, Speed Control |
| 34 | 1-303105 | 1 | Yoke-Adjustable |
| 35 | 1-808280 | 1 | Pin-Clevis 5/16 X 1 49/64 |
| 36 | 3272-5 | 1 | Pin-Cotter 3/32 X 1/2 |
| 37 | 1-806003 | 1 | Hairpin-Cotter |
| 38 | 322-9 | 2 | Screw-HH 5/16-18 X 1 3/4 |
| 39 | 3296-29 | 2 | Nut-Nyloc 5/16-18 |
| 40 | 126-2107 | 1 | Cable, Choke |
| 41 | 103-1166 | 2 | Spacer-Tube, Pump Link |
| 42 | 323-9 | 2 | Screw-HH 3/8-16 X 1 3/4 |
| 43 | 103-2463 | 4 | Balljoint |
| 44 | 103-1167 | 2 | Joint-Ball End |
| 45 | 103-1148 | 2 | Rod,Drive Lever |
| 46 | 3220-3 | 4 | Nut-Jam 3/8-24 |
| 47 | 3219-3 | 2 | Nut-Hex 3/8-24 |
| 48 | 3220-16 | 2 | Nut-Jam 3/8-24 LH |
| 49 | 116-3414 | 2 | Drive Link ASM |
| 50 | 104-8300 | 2 | Nut-Nyloc 5/16-18 Flg |

● 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.

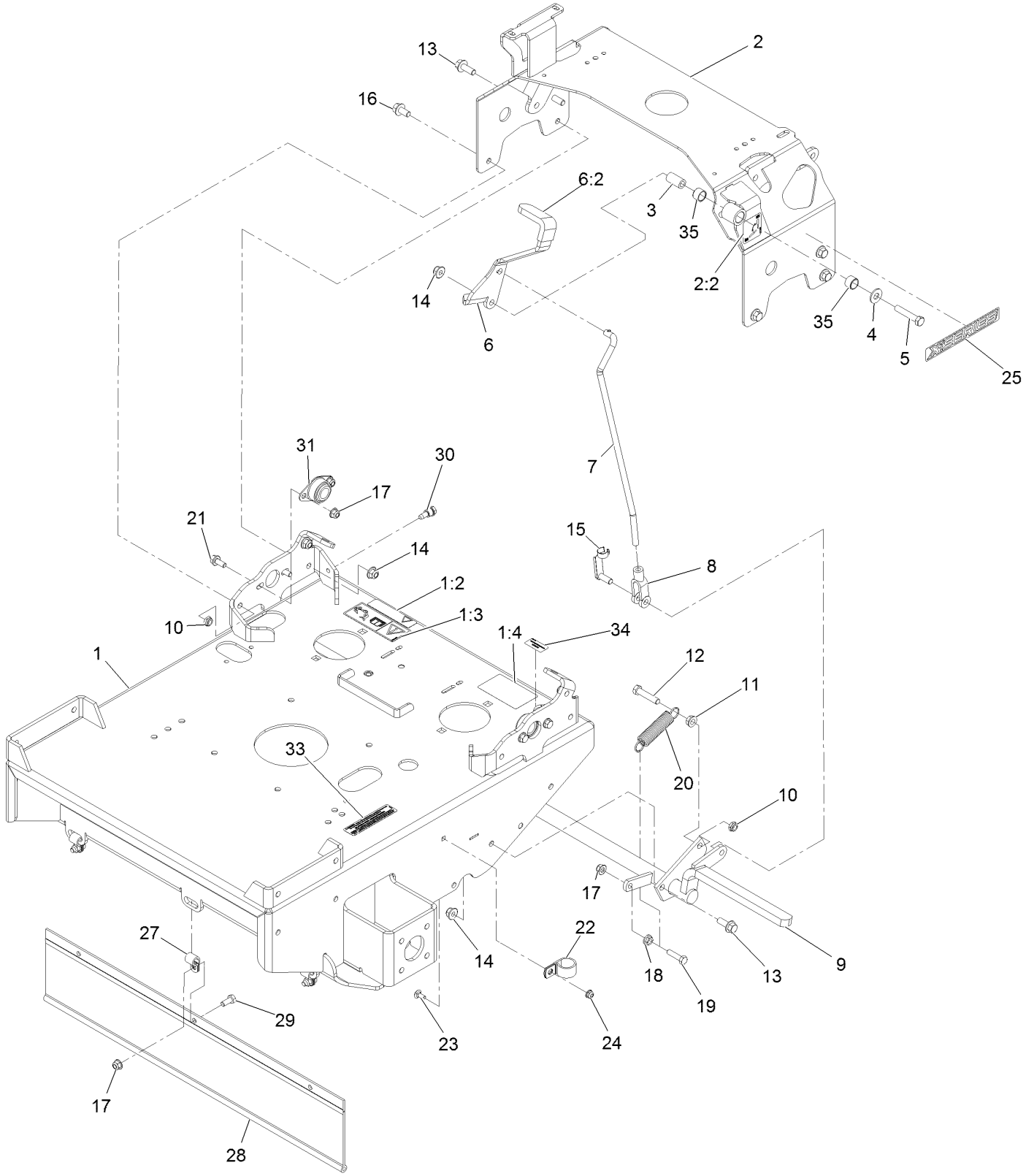
# Controls Assembly



# Controls Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-9975 | 1 | Weld, Motion Control, Rt |
| 2 | 116-9974 | 1 | Weld, Motion Control, Lt |
| 3 | 1-803022 | 2 | Setscrew-5/16-18 X 5/8 |
| 4 | 126-2982-01 | 1 | Weld, Speed Control |
| 5 | 1-603735 | 2 | Bushing-Flanged |
| 6 | 103-0265 | 2 | Spring, Neutral Return |
| 7 | 1-603737 | 2 | Bolt-Neutral Return |
| 8 | 3256-23 | 9 | Washer-5/16 SAE |
| 9 | 3219-2 | 7 | Nut-Hex 5/16-24 |
| 10 | 3220-2 | 2 | Nut-Jam 5/16-24 |
| 11 | 104-8300 | 6 | Nut-Nyloc 5/16-18 Flg |
| 12 | 32128-20 | 2 | Nut-Whizlock 5/16-18 |
| 13 | 322-5 | 2 | Screw-HH 5/16-18 X 1 |
| 14 | 1-303105 | 2 | Yoke-Adjustable |
| 15 | 1-808280 | 2 | Pin-Clevis 5/16 X 1 49/64 |
| 16 | 1-806003 | 2 | Hairpin-Cotter |
| 17 | 1-613089 | 2 | Tab-Spring, Extension |
| 18 | 1-603693 | 2 | Spring |
| 19 | 126-0610 | 2 | Pin, Motion Control |
| 20 | 126-8571 | 2 | Swivel-Adjustable, Short |
| 21 | 1-413350 | 2 | Link-Control, Speed |
| 22 | 3272-5 | 2 | Pin-Cotter 3/32 X 1/2 |
| 23 | 1-323245 | 1 | Spring-Compression |
| 24 | 1-603903 | 1 | Spacer |
| 25 | 103-3060 | 1 | Knob-Tracking |
| 26 | 1-809056 | 2 | Screw-Sh 5/16-18 X 1 3/8 |
| 27 | 116-7918 | 1 | Decal-Tracking Adjustment |
| 28 | 302-19 | 2 | Zerk-1/4-28 Str |

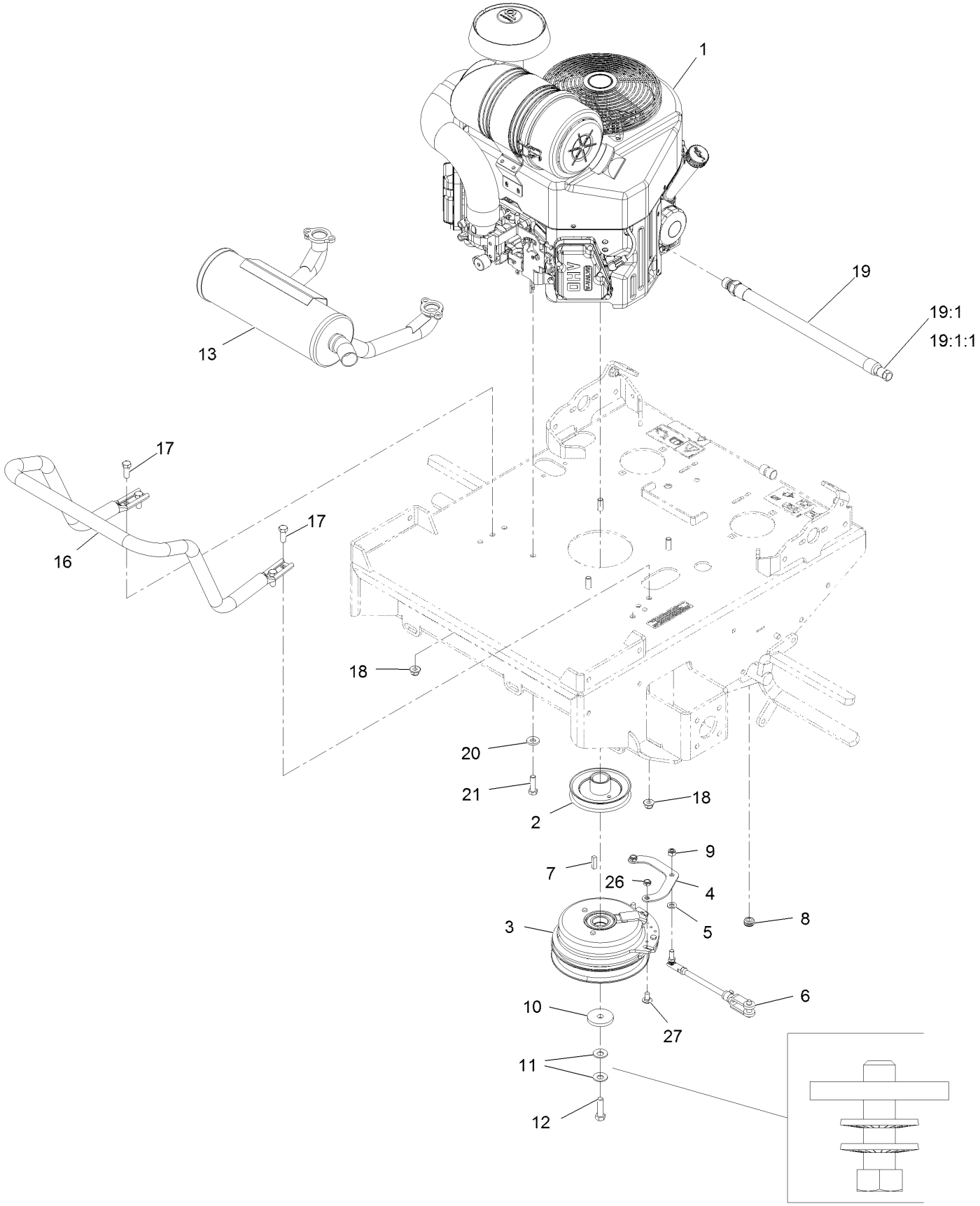
# Engine Deck Assembly



# Engine Deck Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 126-2521 | 1 | ASM, Engine Deck W/ Decals |
| 1:2 | 98-1977 | 1 | Decal-Warning |
| 1:3 | 126-1400 | 1 | Decal-Warning, Sulky |
| 1:4 | 116-8253 | 1 | Decal-Drive Release |
| 2 | 126-2181 | 1 | ASM, Tank Support W/ Decal |
| 2:2 | 116-5988 | 1 | Decal-Park Brake, CE |
| 3 | 1-413344 | 1 | Bushing-Pivot |
| 4 | 3256-4 | 1 | Washer-3/8 Std |
| 5 | 323-10 | 1 | Screw-HH 3/8-16 X 2 |
| 6 | 126-2180 | 1 | ASM, Brake Lever W/ Grip |
| 6:2 | 1-303020 | 1 | Grip-Lever |
| 7 | 116-9960 | 1 | Linkage-Brake |
| 8 | 1-633131 | 1 | Yoke-Linkage, Brake |
| 9 | 116-9159 | 1 | Wld,Brake Ttx |
| 10 | 3296-59 | 3 | Nut-Nyloc 3/8-16 Thin |
| 11 | 3290-357 | 1 | Nut-Whizlock 3/8-16 |
| 12 | 323-9 | 1 | Screw-HH 3/8-16 X 1 3/4 |
| 13 | 3234-42 | 7 | Screw HHF 3/8-16 X 1 |
| 14 | 104-8301 | 8 | Nut-Nyloc 3/8-16 Flg |
| 15 | 103-2399 | 1 | Pin-Clevis Spring 3/8 |
| 16 | 3234-12 | 2 | Screw-HH Flg 3/8-16 X 3/4 |
| 17 | 104-8300 | 8 | Nut-Nyloc 5/16-18 Flg |
| 18 | 32128-20 | 1 | Nut-Whizlock 5/16-18 |
| 19 | 322-6 | 1 | Screw-HH 5/16-18 X 1 1/4 |
| 20 | 1-323161 | 1 | Spring |
| 21 | 3234-47 | 4 | Screw-HH Flg 5/16-18 X 3/4 |
| 22 | 1-643312 | 1 | Clip-Loom |
| 23 | 3229-11 | 1 | Bolt-Carriage 1/4-20 X 5/8 |
| 24 | 104-7201 | 1 | Nut-Nyloc 1/4-20 Flg |
| 25 | 126-6573 | 2 | Decal-X-Series |
| 27 | 1-413510 | 3 | Clip-Loom |
| 28 | 103-2224 | 1 | Shield, Drag |
| 29 | 322-3 | 3 | Screw-HH 5/16-18 X 3/4 |
| 30 | 115-1958 | 1 | Bolt-Shoulder |
| 31 | 1-633102 | 2 | Bearing-Flanged |
| 33 | 133-8062 | 1 | Decal-Arrestor, Spark |
| 34 | 126-4345 | 1 | Decal-Patent |
| 35 | 1-413347 | 2 | Sleeve-Bushing |

# Engine Assembly

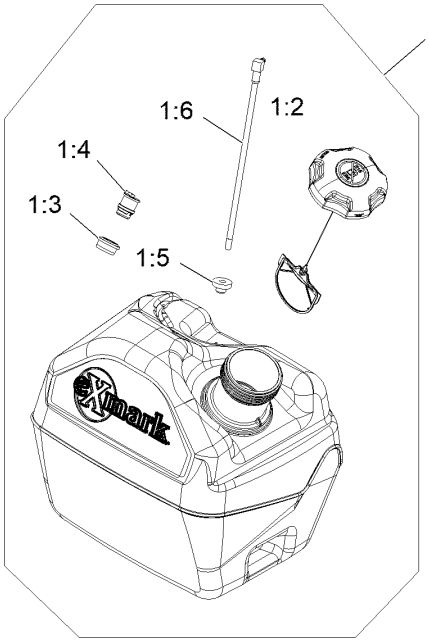


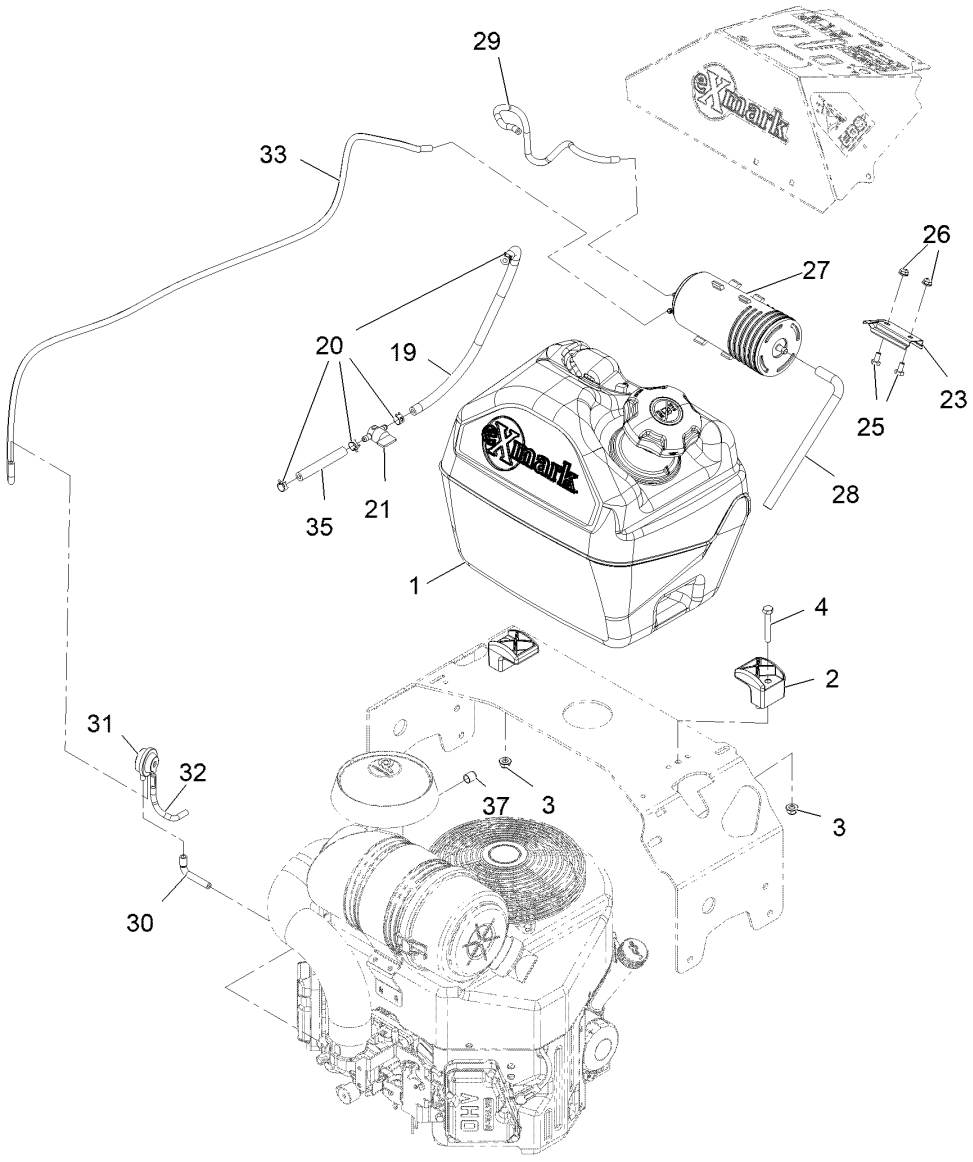
# Engine Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | | 1 | Engine, Kaw Fx691 ▲◆ |
| 2 | 126-2605 | 1 | Sheave W/ Hub |
| 3 | 126-2601 | 1 | Clutch, 200 Ft/Lbs, 1.13 |
| 4 | 126-2602 | 1 | Strap, Clutch |
| 5 | 3256-23 | 1 | Washer-5/16 SAE |
| 6 | 126-0620 | 1 | ASM, Clutch Anchor |
| 7 | 1-807259 | 1 | Key-Machine 1/4 X 1/4 X 1 ◗ |
| 8 | 237-136 | 1 | Grommet |
| 9 | 3296-4 | 1 | Nut-Lock 5/16-24 |
| 10 | 109-6919 | 1 | Washer-Clutch |
| 11 | 1-603610 | 2 | Washer-Spring Disc 7/16 |
| 12 | 87-2080 | 1 | Bolt-Hex, TAP ❍ |
| 13 | 116-3736 | 1 | Muffler,Horizontal |
| 16 | 135-4729-03 | 1 | Tube-Guard Muffler |
| 17 | 323-6 | 4 | Screw-HH 3/8-16 X 1 |
| 18 | 104-8301 | 4 | Nut-Nyloc 3/8-16 Flg |
| 19 | 116-5052 | 1 | Asm-Oil Drain Hose W/Plug ❑ ● |
| 19:1 | 353-508 | 1 | Plug-W/O-Ring ■ |
| 19:1:1 | 237-42 | 1 | O-Ring |
| 20 | 98-5975 | 4 | Washer-Spring Disc 3/8 |
| 21 | 323-7 | 4 | Screw-HH 3/8-16 X 1 1/4 |
| 26 | 3296-47 | 2 | Nut-Nyloc 5/16-18 Thin |
| 27 | 3230-18 | 2 | Bolt-Carriage 5/16-18 X 5/8 |

● Torque to 23-29 ft-lb
▲ Not serviced separately
❑ Use a Teflon Pipe Sealant or equivalent on threads.
❍ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
◗ Apply anti-seize compound to engine crankshaft, pulley hub I.D., clutch bore I.D. and square key.
■ Torque to 20-24 ft-lb
◆ Obtain parts from www.kawpower.com

# Fuel Assembly

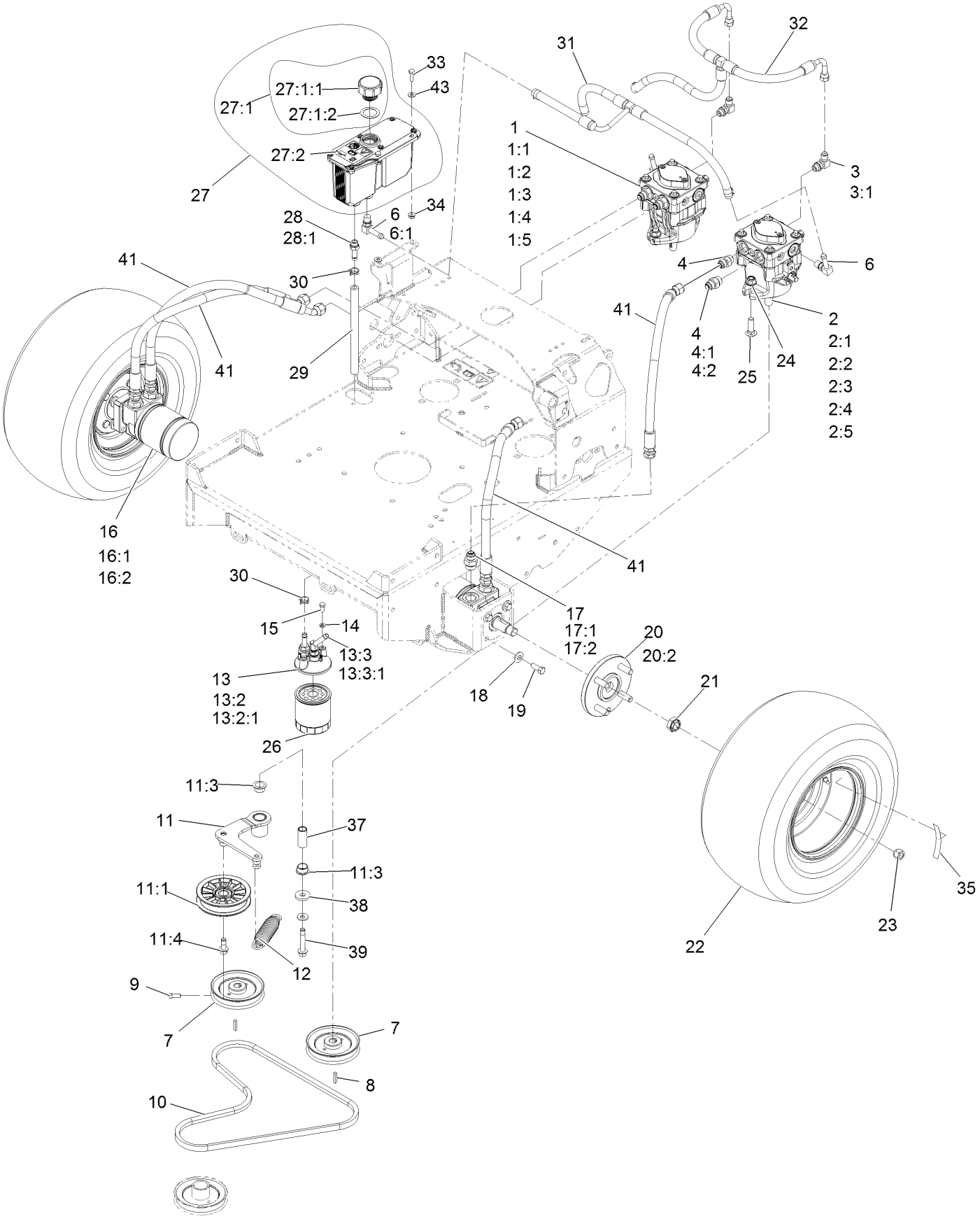


# Fuel Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 135-2855 | 1 | ASM, Fuel Tank 5 Gal |
| 1:2 | 137-4119 | 1 | Cap-Fuel, Ratcheting |
| 1:3 | 114-0284 | 1 | Grommet |
| 1:4 | 119-3547 | 1 | Valve-Vent, Fuel |
| 1:5 | 46-6560 | 1 | Bushing |
| 1:6 | 109-9364 | 1 | Fitting-Fuel (W/Line And Screen) |
| 2 | 107-4543 | 2 | Clamp |
| 3 | 104-8300 | 2 | Nut-HF, NI |
| 4 | 322-10 | 2 | Screw-HH |
| 19 | 114-4428 | 1 | Hose-Fuel |
| 20 | 2412-98 | 4 | Clamp-Hose |
| 21 | 1-603770 | 1 | Valve-Fuel |
| 23 | 114-0292 | 1 | Bracket-Canister, Carbon |
| 25 | 321-2 | 2 | Screw-HH |
| 26 | 104-7201 | 2 | Nut-HF |
| 27 | 117-1221 | 1 | Canister-Carbon, 800Cc |
| 28 | 115-0962 | 1 | Hose-Vent, Canister |
| 29 | 116-4801 | 1 | Hose-Emissions |
| 30 | 116-2233 | 1 | Hose-Vent, Formed |
| 31 | 116-2232 | 1 | Valve-Control, Vacuum |
| 32 | 116-2394 | 1 | Hose-Vent, Formed |
| 33 | 116-3116 | 1 | Hose-Vent, Formed |
| 35 | 105-8342 | 1 | Hose-Fuel |
| 37 | 116-4464 | 1 | Plug-Port |

# Hydro Assembly



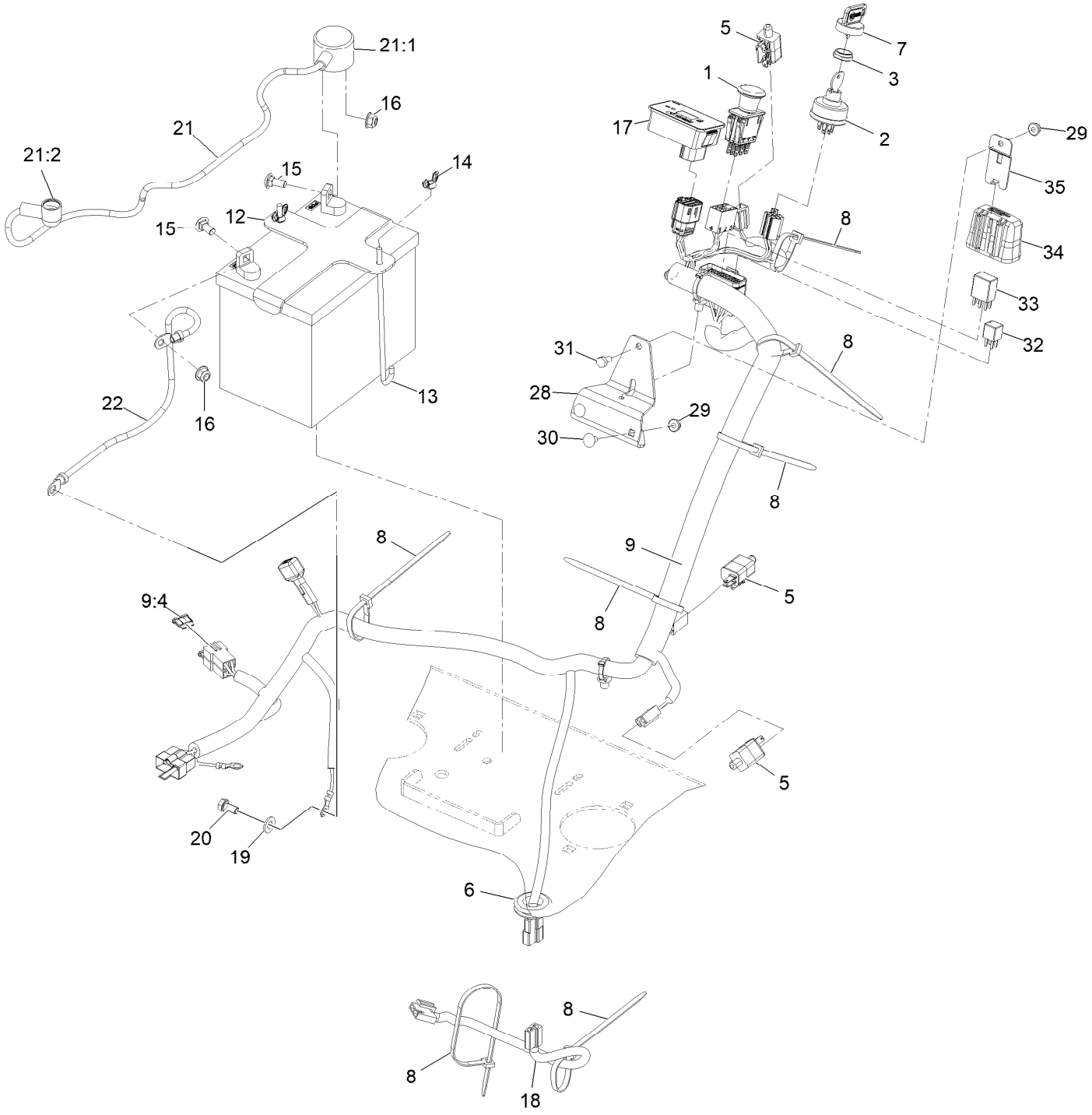
# Hydro Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 116-2495 | 1 | Pump-HYD Pe RH TTH |
| 1:1 | 103-2664 | 1 | Input Shaft Kit |
| 1:2 | 94-6922 | 1 | Bearing-Thrust |
| 1:3 | 103-2666 | 1 | Cylinder Block Kit |
| 1:4 | 105-6184 | 1 | Seal Overhaul Kit |
| 1:5 | 126-2479 | 1 | Kit, 10Cc/12Cc Pump Kit |
| 2 | 116-2494 | 1 | Pump-HYD Pe LH TTH |
| 2:1 | 103-2664 | 1 | Input Shaft Kit |
| 2:2 | 94-6922 | 1 | Bearing-Thrust |
| 2:3 | 103-2666 | 1 | Cylinder Block Kit |
| 2:4 | 105-6184 | 1 | Seal Overhaul Kit |
| 2:5 | 126-2479 | 1 | Kit, 10Cc/12Cc Pump Kit |
| 3 | 103-1802 | 2 | Fitting-Elbow, 90 DEG |
| 3:1 | 237-42 | 1 | O-Ring |
| 4 | 1-603990 | 4 | Fitting-Straight |
| 4:1 | 1-603920 | 1 | O-Ring |
| 4:2 | 1-603992 | 1 | O-Ring |
| 6 | 100-4887 | 3 | Fitting-Elbow, 90 |
| 6:1 | 237-42 | 1 | O-Ring |
| 7 | 1-413010 | 2 | Sheave ASM |
| 8 | 1-807272 | 2 | Key |
| 9 | 120-6474 | 4 | Screw-Set, SQH |
| 10 | 103-4761 | 1 | Belt |
| 11 | 126-2531 | 1 | ASM, Pump Idler |
| 11:1 | 109-4077 | 1 | Pulley-Idler, Flat |
| 11:3 | 109-8054 | 2 | Bushing-Flange |
| 11:4 | 126-1680 | 1 | Screw-Hfh |
| 12 | 116-6316 | 1 | Spring-Extension |
| 13 | 126-0621 | 1 | ASM, Filter Head |
| 13:2 | 103-1912 | 1 | Adapter-Straight |
| 13:2:1 | 237-42 | 1 | O-Ring |
| 13:3 | 103-1807 | 1 | Fitting-Barbed, 45 DEG |
| 13:3:1 | 237-42 | 1 | O-Ring |
| 14 | 1-805004 | 2 | Washer-Lock |
| 15 | 321-3 | 2 | Screw-HH |
| 16 | 1-603718 | 2 | HYD Motor ASM |
| 16:1 | 1-000119 | 1 | Seal Kit |
| 16:2 | 1-000138 | 1 | Bearing And Seal Kit |
| 17 | 1-603991 | 4 | Fitting-Straight |
| 17:1 | 237-80 | 1 | O-Ring |
| 17:2 | 1-603992 | 1 | O-Ring |
| 18 | 98-5975 | 9 | Washer-Belleville |
| 19 | 323-6 | 8 | Screw-HH |
| 20 | 112-9049 | 2 | Wheel Hub ASM |
| 20:2 | 1-633926 | 4 | Stud-Wheel |
| 21 | 116-2839 | 2 | Nut-Lock |
| 22 | 103-1715 | 2 | Tire And Wheel Assy |
| 23 | 242-50 | 8 | Nut-Lug |
| 24 | 114-8417 | 4 | Nut-HF, NI |
| 25 | 3232-3 | 4 | Bolt-CARR |
| 26 | 109-4180 | 1 | Element, Oil Filter |
| 27 | 126-1248 | 1 | ASM, HYD Reservoir ■ |
| 27:1 | | 1 | Reservoir-HYD ● |
| 27:1:1 | 103-1948 | 1 | Cap-Reservoir, HYD |
| 27:1:2 | 103-1949 | 1 | Gasket-Cap |
| 27:2 | 115-4212 | 1 | Decal-Warning |
| 28 | 103-1912 | 1 | Adapter-Straight |
| 28:1 | 237-42 | 1 | O-Ring |
| 29 | 103-2959 | 1 | Hose-Charge |
| 30 | 103-1988 | 6 | Clamp-Hose |
| 31 | 126-2550 | 1 | Hose, Case |
| 32 | 126-2555 | 1 | Hose, Charge |
| 33 | 321-5 | 2 | Screw-HH |
| 34 | 32128-32 | 2 | Nut-HHF |
| 35 | 126-2056 | 2 | Decal-Torque Wheel Lug-Hub |
| 37 | 126-2954 | 1 | Pivot, Idler |
| 38 | 1-373034 | 1 | Washer |
| 39 | 126-2956 | 1 | Screw-HHF |
| 41 | 116-8646 | 4 | Hose,Hydraulic W/Cover |
| 43 | 3256-22 | 2 | Washer-Flat |

● Not serviced separately

■ Use Exmark Premium Hydro Oil P/N 109-9828 (32oz)

# Electrical Assembly



# Electrical Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 103-5221 | 1 | Switch-PTO |
| 2 | 135-2253 | 1 | Switch, Key Start |
| 3 | 103-0498 | 1 | Nut-Ignition |
| 5 | 110-6765 | 3 | Switch |
| 6 | 1-543286 | 1 | Grommet |
| 7 | 103-2106 | 1 | Key-Exmark Logo |
| 8 | 3290-378 | 7 | Tie-Cable |
| 9 | 135-1870 | 1 | Harness-Wiring ■ |
| 9:4 | 1-816001 | 2 | Fuse-Blade Type, 20 Amp |
| 12 | 135-2056 | 1 | Bracket, Battery Hold Down |
| 13 | 1-633651 | 2 | Bolt-Holddown |
| 14 | 1-543792 | 2 | Wingnut-Nyloc 1/4-20 |
| 15 | 3230-1 | 2 | Bolt-Carriage 5/16-18 X 3/4 |
| 16 | 104-8300 | 2 | Nut-Nyloc 5/16-18 Flg |
| 17 | 142-2440 | 1 | Module-Hour Meter |
| 18 | 126-0624 | 1 | Harness-Clutch Pigtail |
| 19 | 33094-00 | 1 | Washer |
| 20 | 33114-016 | 1 | Screw-HH M8-1.25 X 16Mm |
| 21 | 109-7621 | 1 | Positive Battery Cable ASM |
| 21:1 | 1-543393 | 1 | Insulator-Solenoid |
| 21:2 | 109-2407 | 1 | Insulator-Battery |
| 22 | 1-413540 | 1 | Cable-Battery, Negative ● |
| 28 | 135-2564-03 | 1 | Bracket, Mounting Pdm |
| 29 | 104-7201 | 3 | Nut-Nyloc 1/4-20 Flg |
| 30 | 3229-10 | 2 | Bolt-Carriage 1/4-20 X 1/2 |
| 31 | 321-2 | 1 | Screw-HH 1/4-20 X 1/2 |
| 32 | 126-3991 | 1 | Relay-Micro |
| 33 | 126-6157 | 1 | Relay-Micro 280, Spdt |
| 34 | 32180-176 | 1 | Cover-Block, Fuse |
| 35 | 32180-177 | 1 | Clip-Mounting |

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

## Notes:

# MAXIMIZE THE PERFORMANCE OF YOUR EXMARK MACHINE.




## EXMARK® PREMIUM ENGINE OIL

Exmark now offers a family of engine oil viscosities to perform well in any environment. Each viscosity has the same synthetic formulation to give you what you need in punishing conditions. We designed each grade to the highest quality, making it ideal even for diesel applications. Coupled with Exmark Premium Fuel Treatment, we have the performance products to make your machine hum.

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- Meets zero shear requirements of a straight grade SAE 30 as well as the cold temp properties of a 10W-30.
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### EXMARK PREMIUM ENGINE OIL SAE 10W-50

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- Wide span multi-grade combines easy starting in cold weather with maximum protection in high temperature operation.
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### EXMARK PREMIUM ENGINE OIL UTV FORMULATION

- 4-cycle high-temp formulation.
- Heavier viscosity, full synthetic, perfect for your UTV.

### EXMARK PREMIUM ENGINE OIL SAE 20W-50

- Perfect for your big block engine, or any application in severe service.
- Same full synthetic formulation as all other Exmark Premium viscosities.
- Also effective for use in severe service small block engines.

### EXMARK PREMIUM ENGINE OIL SAE 0W-40

- The perfect choice for when the weather turns cold or unpredictable, and your Exmark UTV has to perform.
- Commercial quality for severe service.
- Advanced additive package helps prevent corrosion from long-term storage.

### EXMARK PREMIUM UTV EXTREME CONDITIONS GEAR OIL

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- Shear stable, hypoid gear lube.
- Includes a premium additive system to combat wear, oxidation, rust & corrosion.

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TURF STRIPER
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TRASH CONTAINER
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ULTRA VAC QUICK DISPOSAL SYSTEM
WEATHER CAB

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*Some accessories and options not available for some models.

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