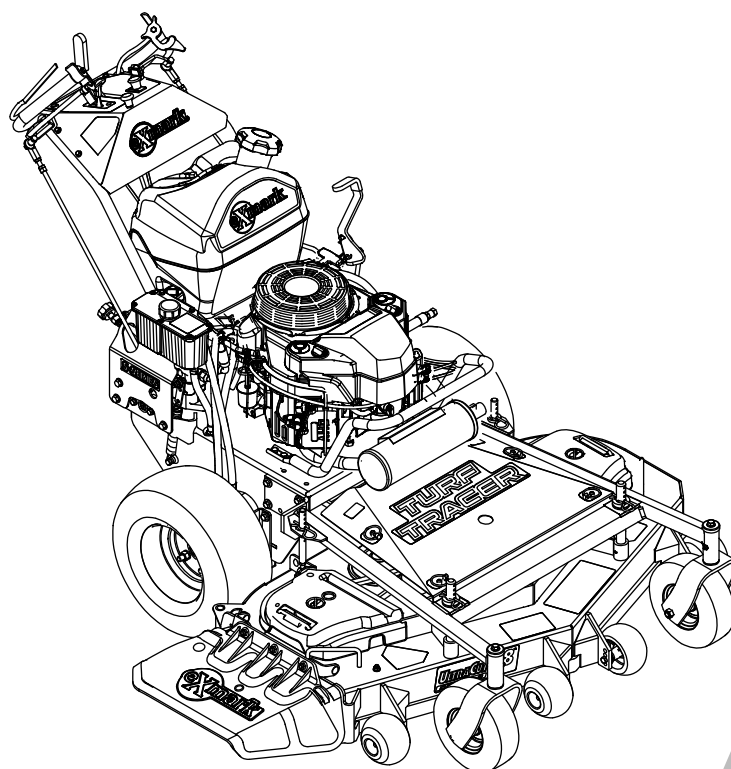




# **TURF TRACER® S-SERIES**

Model No. TTS481CKA36300—Serial No. 404314159 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.

# 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).

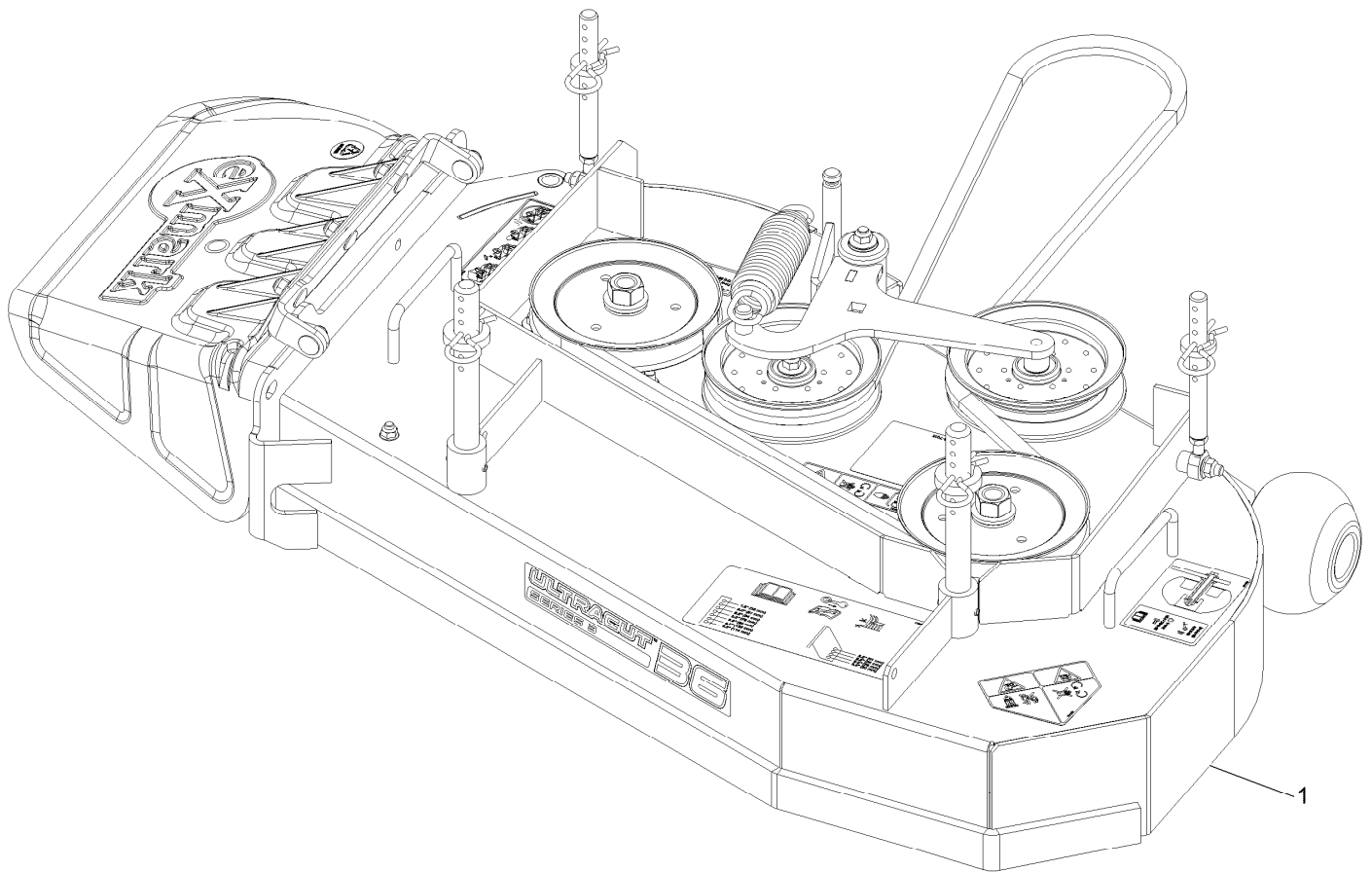


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

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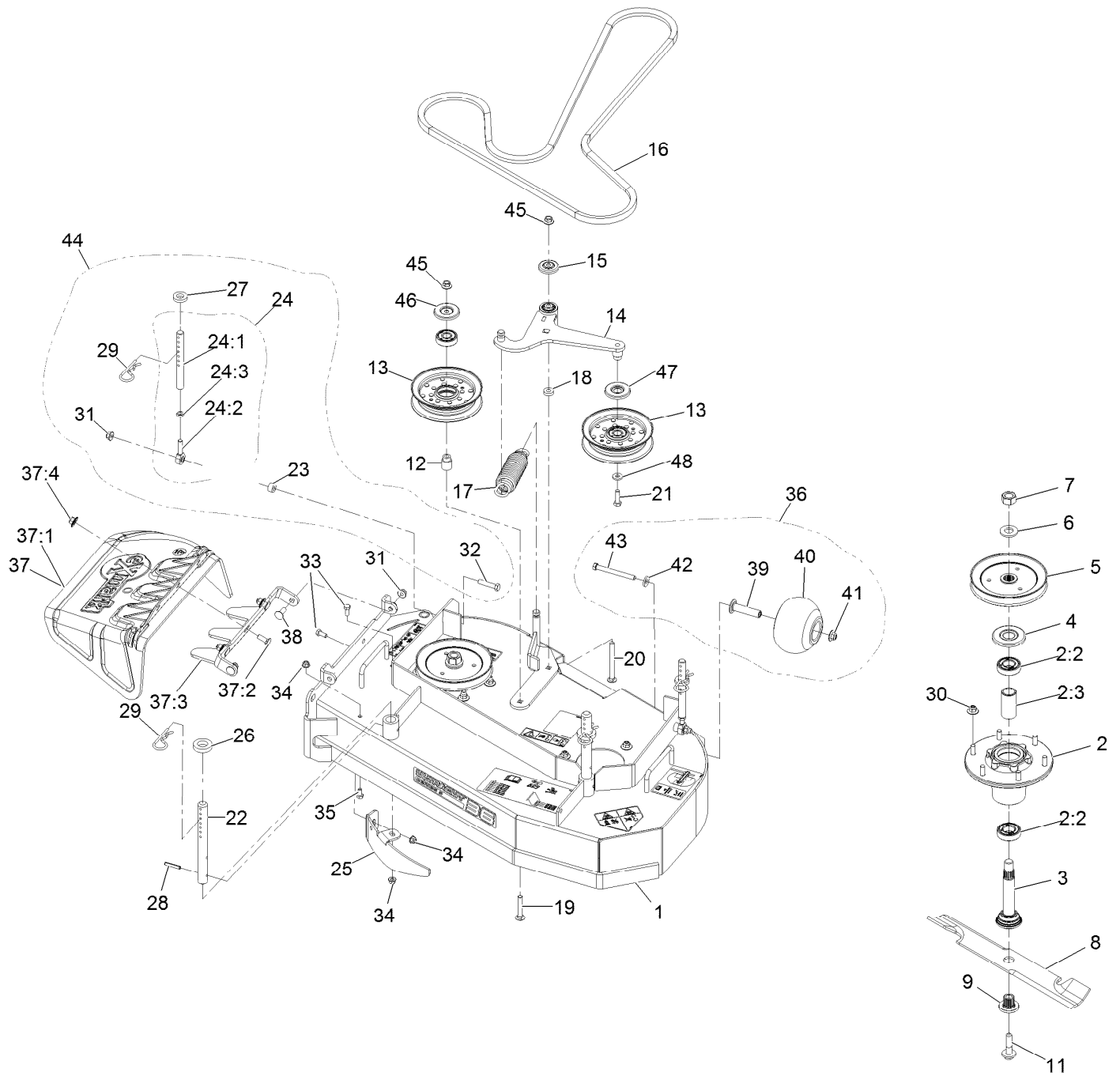
# Complete Deck Assembly



# Complete Deck Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 126-1908           | 1           | ASM-Complete Deck 36 |

# 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           | 126-0634           | 1           | ASM, Deck W/ Decals, 36"            | 24:1        | 1-413525           | 1           | Link, Rear Deck Support  |
| 2           | 116-3344           | 2           | ASM-Cutter Hsg With Bearings        | 24:2        | 1-613204           | 1           | Balljoint                |
| 2:2         | 116-0720           | 2           | Bearing-Ball                        | 24:3        | 3220-3             | 1           | Nut-HJ                   |
| 2:3         | 116-3312           | 1           | Spacer-Bearing                      | 25          | 126-2783-01        | 1           | Baffle, Dogleg           |
| 3           | 116-3342           | 2           | ASM-Spindle And Seal ♦              | 26          | 1-413425           | 2           | Spacer-Deck Support      |
| 4           | 116-1286           | 2           | Guard,Bearing Top .989              | 27          | 1-323539           | 2           | Spacer                   |
| 5           | 116-0675           | 2           | Sheave,Blade Drive 6.50             | 28          | 1-806332           | 2           | Roll Pin, 1/4 X 1-1/2    |
| 6           | 103-2802           | 2           | Washer                              | 29          | 1-806009           | 4           | Hairpin, .177            |
| 7           | 116-7306           | 2           | Nut-Hex ▲                           | 30          | 109-6658           | 12          | Nut-Flange, NI           |
| 8           | 116-5175           | 2           | Blade-Extreme 2, 18.00" ●           | 31          | 104-8301           | 4           | Nut-HF, NI               |
| 8           | 103-6402           | 2           | Blade-Notched                       | 32          | 323-9              | 2           | Screw-HH                 |
| 8           | 103-6392           | 2           | Blade, Mulching                     | 33          | 322-3              | 2           | Screw-HH                 |
| 8           | 103-6387           | 2           | Blade, Low Lift ●                   | 34          | 104-8300           | 3           | Nut-HF, NI               |
| 8           | 103-6382           | 2           | Blade, Solid ●                      | 35          | 322-2              | 1           | Screw-HH                 |
| 9           | 103-3037           | 2           | Bushing, Splined                    | 36          | 116-9981           | 1           | Kit, Anti-Scalp Roller   |
| 11          | 109-9220           | 2           | Screw,Sems (1/2-20 X 2.19, GR5) ■ □ | 37          | 126-0959           | 1           | ASM, Discharge Chute     |
| 12          | 126-2213           | 1           | Bushing-Idler                       | 37:1        | 109-2738           | 1           | Chute, Discharge         |
| 13          | 126-9196           | 2           | Idler-Pulley, Flat                  | 37:2        | 126-0958-01        | 1           | Bracket, Discharge Chute |
| 14          | 126-2204           | 1           | ASM-Arm, Idler                      | 37:3        | 3231-22            | 3           | Screw-CARR               |
| 15          | 103-2916           | 1           | Guard-Top                           | 37:4        | 109-6658           | 3           | Nut-Flange, NI           |
| 16          | 126-2222           | 1           | Belt-5V                             | 38          | 3231-22            | 2           | Screw-CARR               |
| 17          | 116-6317           | 1           | Spring-Extension                    | 39          | 116-8131           | 1           | Axle, Roller             |
| 18          | 5-0652             | 1           | Spacer                              | 40          | 103-8415           | 1           | Roller-Anti-Scalp        |
| 19          | 3231-7             | 1           | Screw-CARR                          | 41          | 109-6658           | 1           | Nut-Flange, NI           |
| 20          | 3231-37            | 1           | Screw-CARR                          | 42          | 98-5975            | 1           | Washer-Belleville        |
| 21          | 323-7              | 1           | Screw-HH                            | 43          | 116-9362           | 1           | Screw-HH                 |
| 22          | 135-4829           | 2           | Rod, Deck Support                   | 44          | 1-411532           | 2           | Kit, Support Link W/Pin  |
| 23          | 1-603050           | 2           | Spacer                              | 45          | 32128-19           | 2           | Nut-HF                   |
| 24          | 1-414521           | 2           | Link Assy                           | 46          | 126-8043           | 1           | Shield-Dust              |
|             |                    |             |                                     | 47          | 126-9195           | 1           | Shield-Guard, Dust       |
|             |                    |             |                                     | 48          | 43-0940            | 1           | Spacer                   |

● Optional Equipment

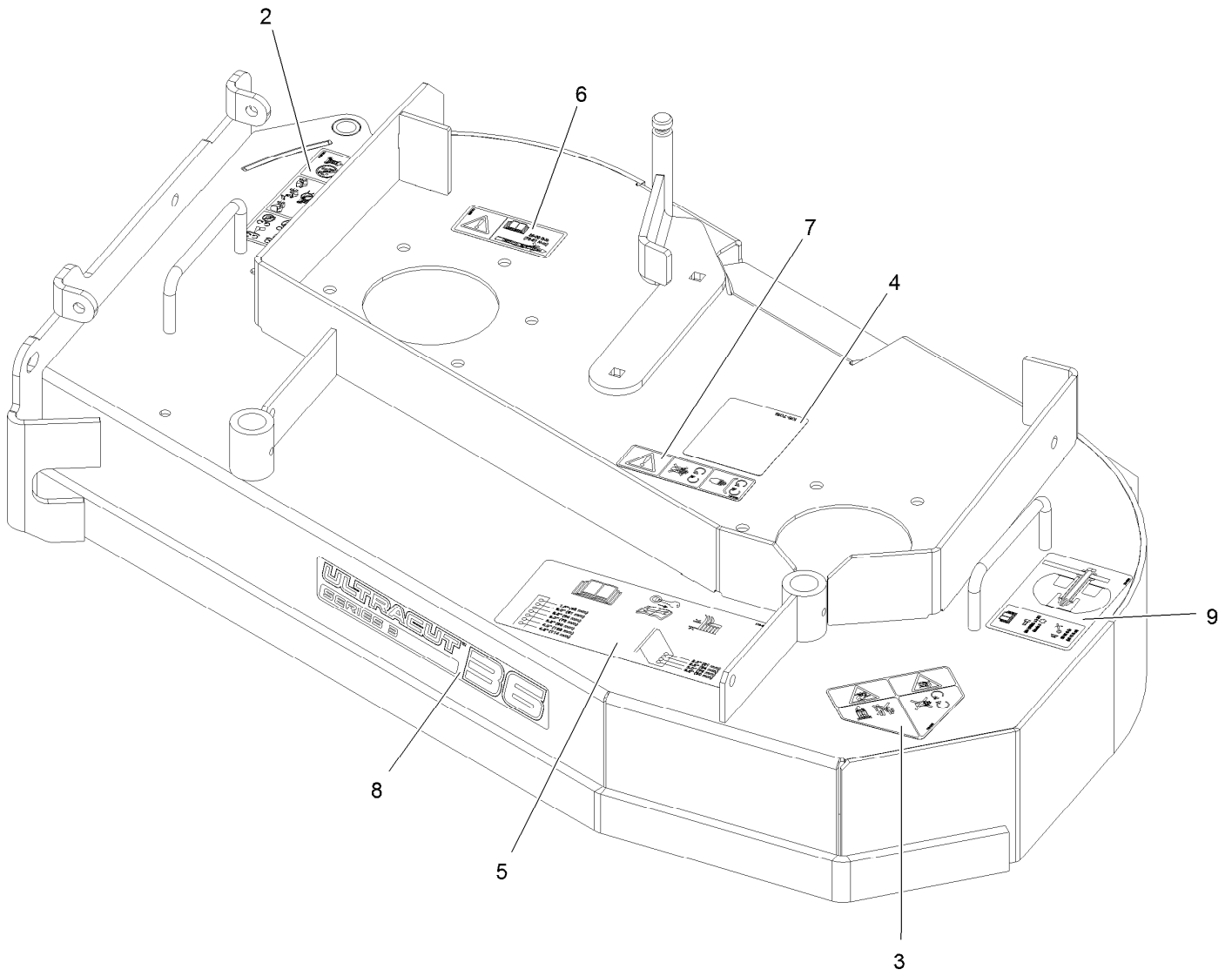
▲ Torque to 130-160 ft-lb

♦ 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.

■ Torque to 50-60 ft-lb

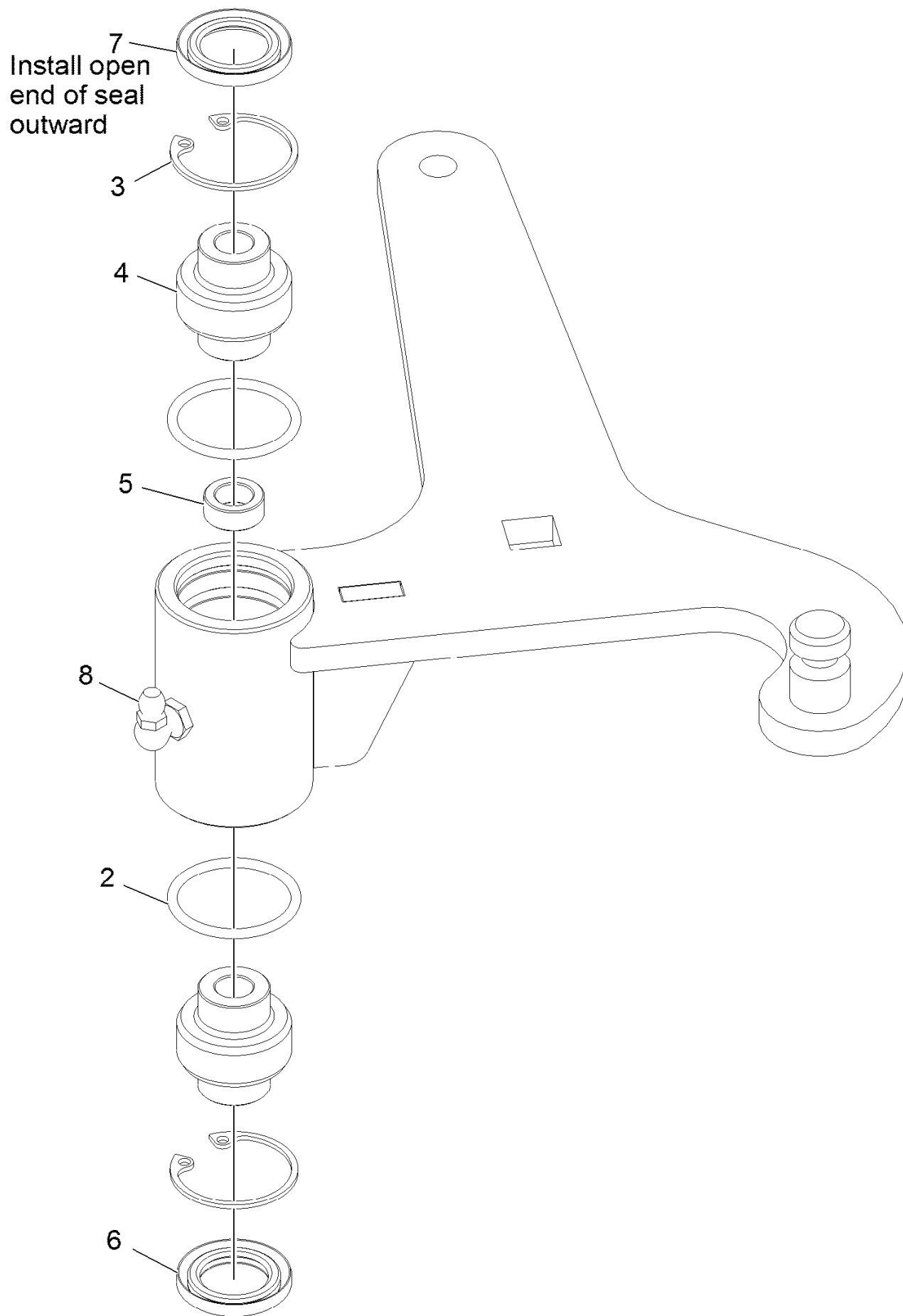
# Deck W/Decals Assembly



## Deck W/Decals 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>         |
|-------------|--------------------|-------------|--------------------------|-------------|--------------------|-------------|----------------------------|
| 2           | 135-5210           | 1           | Decal-Warning Thrown Obj | 6           | 116-8283           | 1           | Decal-Bolt Torque          |
| 3           | 112-8760           | 1           | Decal-Danger             | 7           | 112-9028           | 1           | Decal-Cover, Missing       |
| 4           | 105-7015           | 1           | Decal-Routing, Belt      | 8           | 126-6745           | 1           | Decal-Ultracut 36 Series 3 |
| 5           | 116-8278           | 1           | Decal-Anti-Scalp         | 9           | 126-0898           | 1           | Decal-Roller Mounting      |

# Deck Idler Assembly No. 126-2204

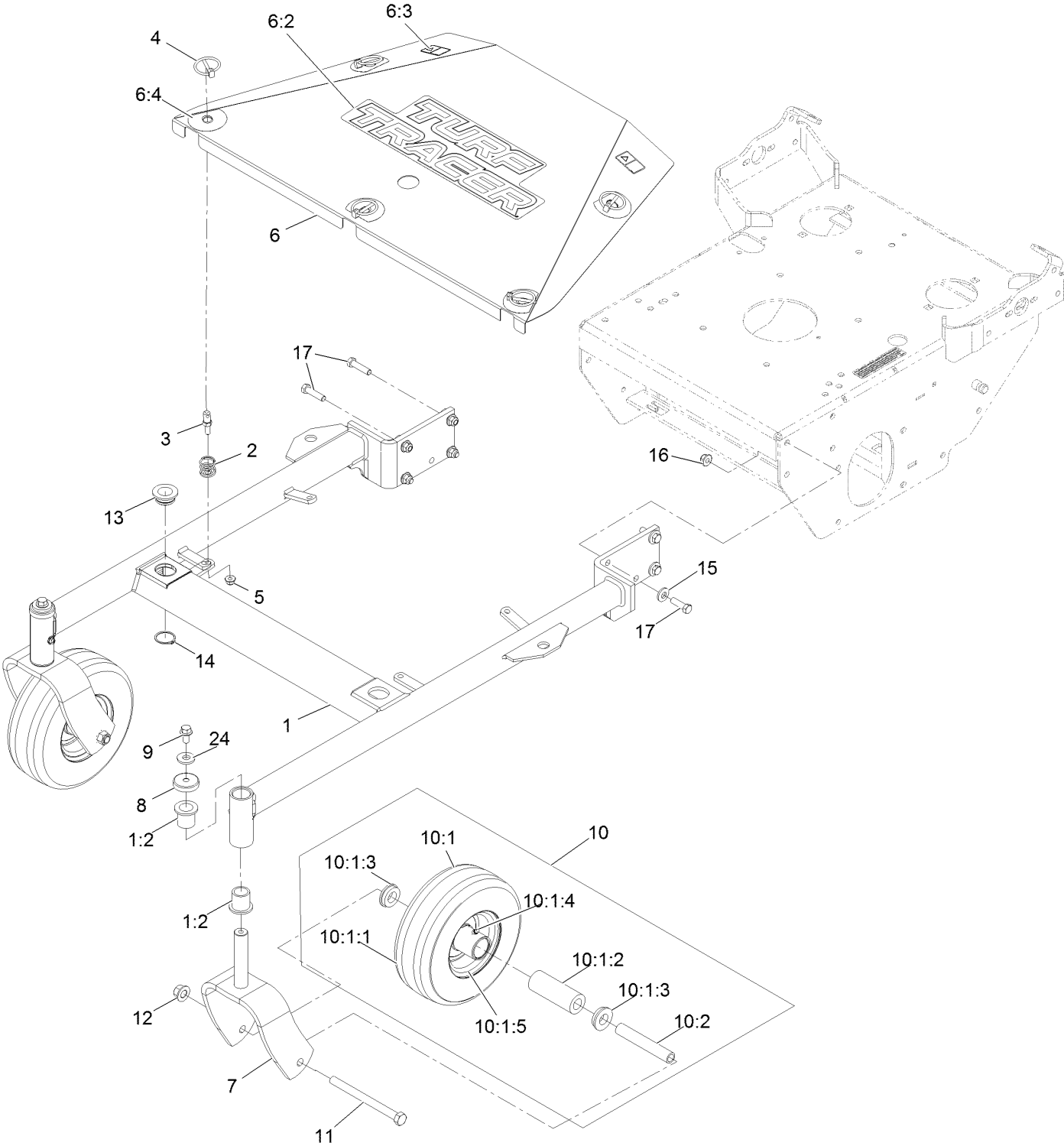


## Deck Idler Assembly No. 126-2204 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 106-7159           | 2           | O-Ring             |
| 3           | 32120-10           | 2           | Ring-Snap          |
| 4           | 103-3504           | 2           | Bearing-Spherical  |
| 5           | 103-5677           | 1           | Spacer             |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 6           | 103-3505           | 1           | Seal-Lip, Double       |
| 7           | 103-3506           | 1           | Seal-Lip, Single       |
| 8           | 302-40             | 1           | Fitting-Grease, 90 DEG |

# Main Frame Assembly

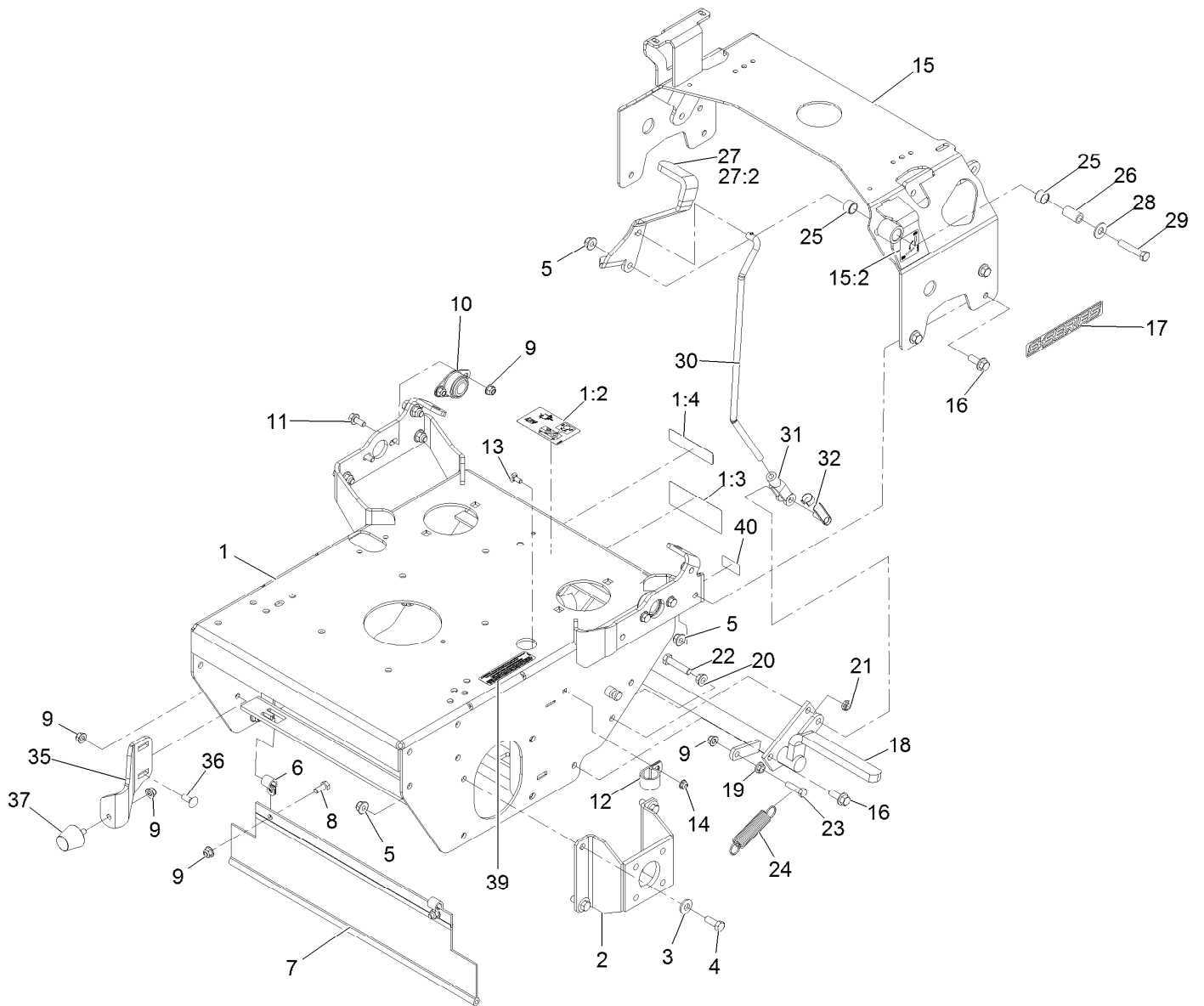


## Main Frame Assembly (continued)

| <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           | 126-1513           | 1           | ASM, Frame W/ Bushings, 36           | 10:1        |                    | 1           | Wheel And Tire ASM ●    |
| 1:2         | 1-303514           | 4           | Bearing-Flanged                      | 10:1:1      |                    | 1           | Tire ●                  |
| 2           | 126-1503           | 4           | Spring                               | 10:1:2      | 1-513809           | 1           | Bearing                 |
| 3           | 126-1504           | 4           | Pin-Spring                           | 10:1:3      | 1-513810           | 2           | Bushing-Flanged         |
| 4           | 92-1298            | 4           | Pin-Lynch                            | 10:1:4      | 302-61             | 1           | Zerk-45° 1/4-28         |
| 5           | 104-8300           | 4           | Nut-Nyloc 5/16-18 Flg                | 10:1:5      |                    | 1           | Wheel ●                 |
| 6           | 126-1516           | 1           | ASM, Shield W/ Decals, 36            | 10:2        | 1-513547           | 1           | Spacer                  |
| 6:2         | 126-6892           | 1           | Decal-Turf Tracer                    | 11          | 325-20             | 2           | Screw-HH 1/2-13 X 6     |
| 6:3         | 106-5517           | 2           | Decal-Warning                        | 12          | 99-5107            | 2           | Nut-Lock 1/2-13         |
| 6:4         | 126-1692           | 4           | Decal-Scratch Cover                  | 13          | 1-513336           | 2           | Bushing-Deck            |
| 7           | 116-7941-01        | 2           | Fork, Caster [red]                   | 14          | 32120-33           | 2           | Ring-Retaining          |
| 8           | 126-1425           | 2           | Cap, Dust                            | 15          | 98-5975            | 8           | Washer-Spring Disc 3/8  |
| 9           | 110-1718           | 2           | Screw-Hex Flange 3/8-16 X 3/4        | 16          | 104-8301           | 8           | Nut-Nyloc 3/8-16 Flg    |
| 10          | 1-513547           | 2           | Spacer                               | 17          | 323-7              | 8           | Screw-HH 3/8-16 X 1 1/4 |
| 10          | 103-2171           | 2           | Kit,Semi-Pneumatic Wheel Replacement | 24          | 1-373034           | 2           | Washer                  |

● Not serviced separately

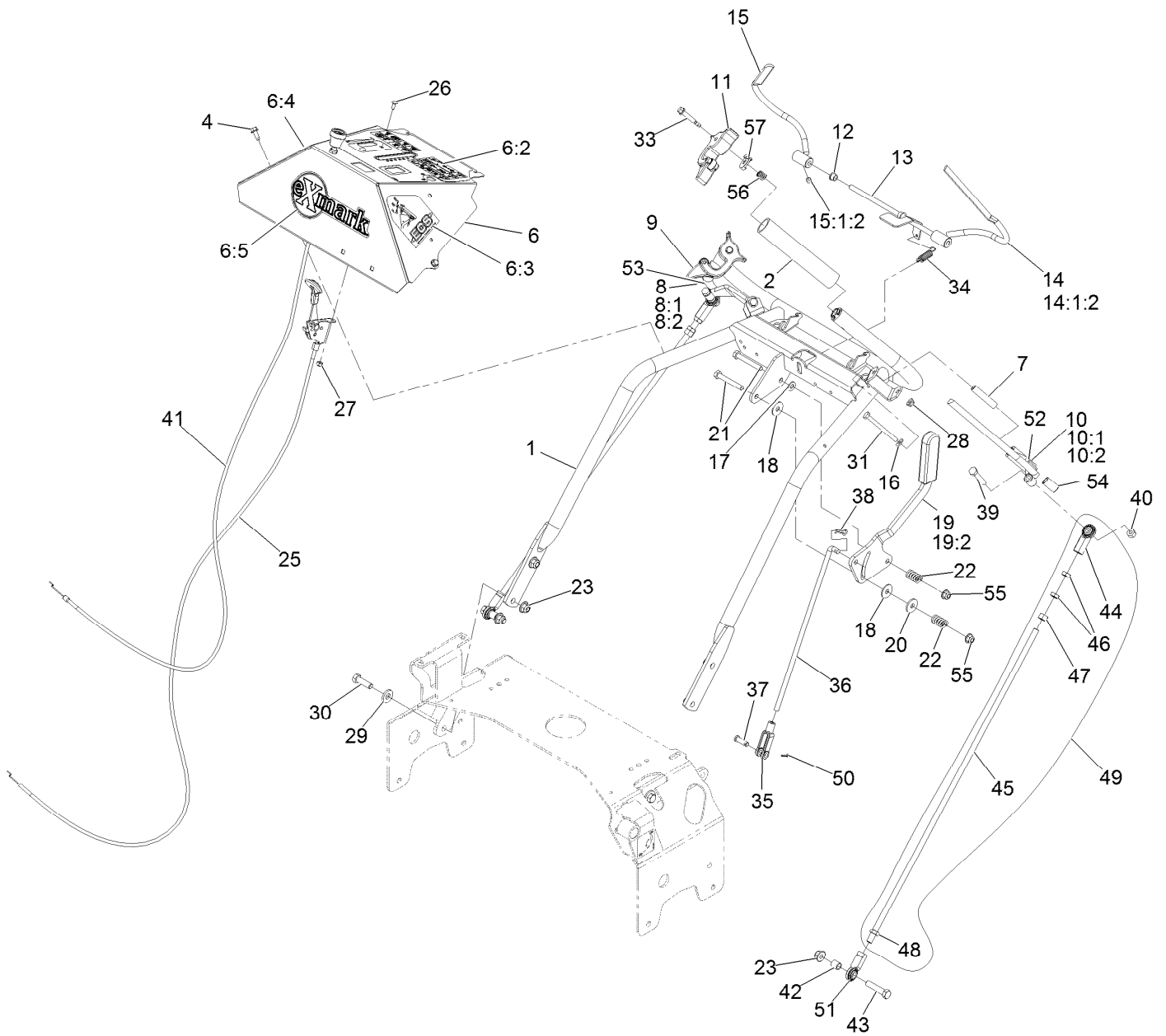
# Engine Deck



## Engine Deck (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           | 126-1238           | 1           | ASM, Engine Deck W/<br>Decals | 17          | 126-6572           | 2           | Decal-S-Series              |
| 1:2         | 116-8253           | 1           | Decal-Drive Release           | 18          | 126-1599           | 1           | Shaft-Cross, Brake          |
| 1:3         | 126-1400           | 1           | Decal-Warning, Sulky          | 19          | 32128-20           | 1           | Nut-Whizlock 5/16-18        |
| 1:4         | 98-1977            | 1           | Decal-Warning                 | 20          | 3290-357           | 1           | Nut-Whizlock 3/8-16         |
| 2           | 1-412080-01        | 2           | Mount, Wheel Motor 36"        | 21          | 3296-59            | 1           | Nut-Nyloc 3/8-16 Thin       |
| 3           | 98-5975            | 8           | Washer-Spring Disc 3/8        | 22          | 323-9              | 1           | Screw-HH 3/8-16 X 1 3/4     |
| 4           | 323-6              | 8           | Screw-HH 3/8-16 X 1           | 23          | 322-6              | 1           | Screw-HH 5/16-18 X 1 1/4    |
| 5           | 104-8301           | 18          | Nut-Nyloc 3/8-16 Flg          | 24          | 1-323161           | 1           | Spring                      |
| 6           | 1-413510           | 2           | Clip-Loom                     | 25          | 1-413347           | 2           | Sleeve-Bushing              |
| 7           | 103-2056           | 1           | Shield-Drag                   | 26          | 1-413344           | 1           | Bushing-Pivot               |
| 8           | 322-3              | 2           | Screw-HH 5/16-18 X 3/4        | 27          | 126-2180           | 1           | ASM, Brake Lever W/ Grip    |
| 9           | 104-8300           | 10          | Nut-Nyloc 5/16-18 Flg         | 27:2        | 1-303020           | 1           | Grip-Lever                  |
| 10          | 1-633102           | 2           | Bearing-Flanged               | 28          | 3256-4             | 1           | Washer-3/8 Std              |
| 11          | 3234-47            | 4           | Screw-HH Flg 5/16-18 X 3/4    | 29          | 323-10             | 1           | Screw-HH 3/8-16 X 2         |
| 12          | 1-643312           | 1           | Clip-Loom                     | 30          | 116-9959           | 1           | Linkage, Brake              |
| 13          | 3229-11            | 1           | Bolt-Carriage 1/4-20 X 5/8    | 31          | 1-633131           | 1           | Yoke-Linkage, Brake         |
| 14          | 104-7201           | 1           | Nut-Nyloc 1/4-20 Flg          | 32          | 103-2399           | 1           | Pin-Clevis Spring 3/8       |
| 15          | 126-2181           | 1           | ASM, Tank Support W/<br>Decal | 35          | 126-2191-01        | 1           | Bracket-Bumper              |
| 15:2        | 116-5988           | 1           | Decal-Park Brake, CE          | 36          | 3230-16            | 2           | Bolt-Carriage 5/16-18 X 7/8 |
| 16          | 3234-42            | 9           | Screw HHF 3/8-16 X 1          | 37          | 1-543963           | 1           | Bumper-Rubber               |
|             |                    |             |                               | 39          | 133-8062           | 1           | Decal-Arrestor, Spark       |
|             |                    |             |                               | 40          | 126-4345           | 1           | Decal-Patent                |

# Handle Assembly



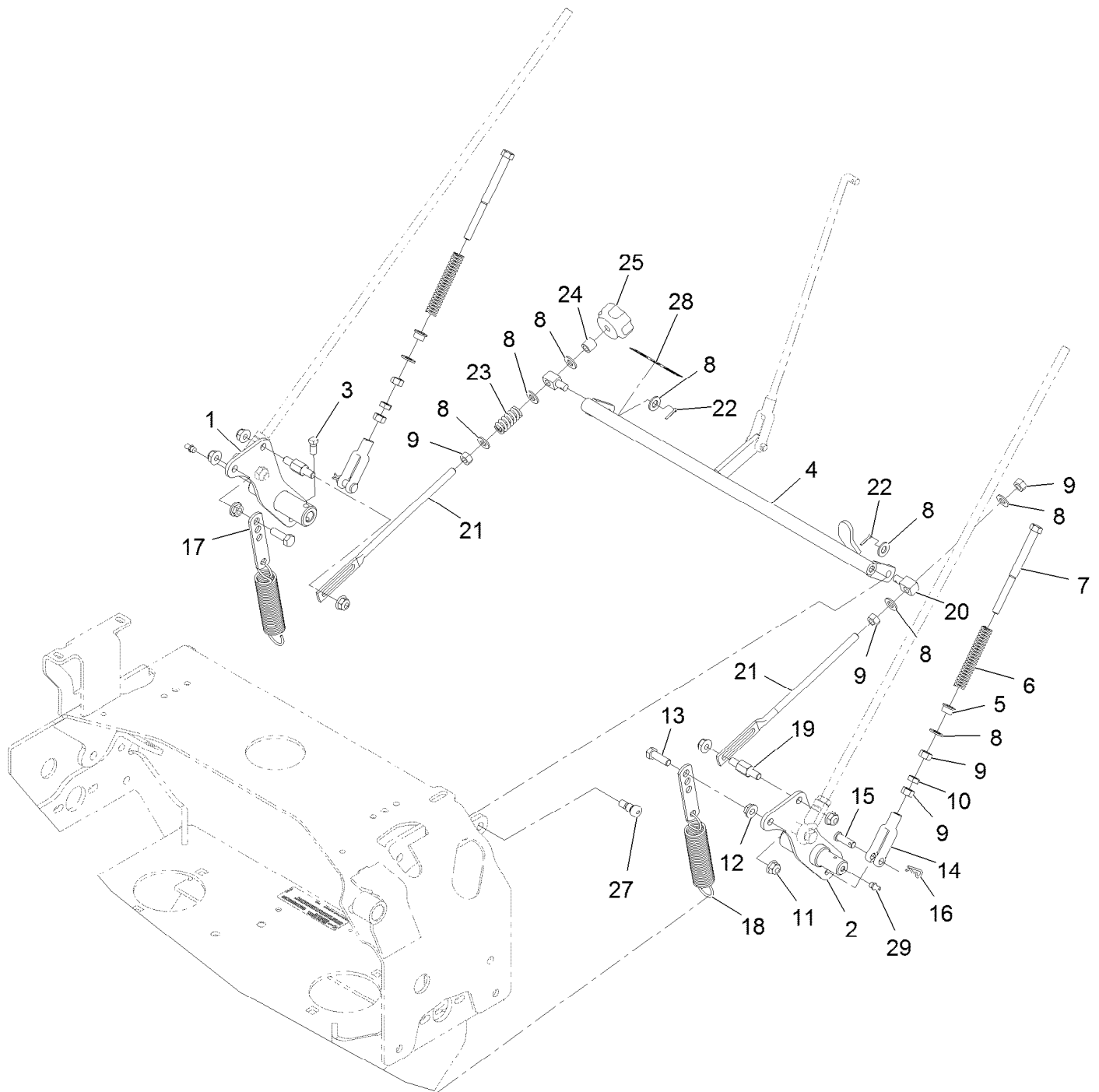
## Handle Assembly (continued)

| <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           | 126-2642-03        | 1           | Weld, Handle              | 25          | 109-3958           | 1           | Control-Throttle           |
| 2           | 103-0815           | 2           | Grip-Bar, Handle          | 26          | 1-807513           | 2           | Bolt-Carriage #10-24 X 1/2 |
| 4           | 32144-10           | 2           | Screw-HWH 1/4-20 X .62    | 27          | 3296-2             | 2           | Nut-Nyloc #10-24           |
| 6           | 126-4706           | 1           | ASM, Console W/ Decals    | 28          | 104-7201           | 2           | Nut-Nyloc 1/4-20 Flg       |
| 6:2         | 135-2860           | 1           | Decal-Console             | 29          | 98-5975            | 4           | Washer-Spring Disc 3/8     |
| 6:3         | 103-2242           | 1           | Decal, Ecs Instruction LH | 30          | 323-7              | 4           | Screw-HH 3/8-16 X 1 1/4    |
| 6:4         | 103-2243           | 1           | Decal, Ecs Instruction RH | 31          | 321-14             | 2           | Screw-HH 1/4-20 X 2 3/4    |
| 6:5         | 126-6877           | 1           | Decal, Exmark Logo        | 33          | 126-2931           | 2           | Screw-Shoulder             |
| 7           | 103-0027           | 2           | Bushing-Lever, Drive      | 34          | 1-303363           | 1           | Spring-Extension           |
| 8           | 103-2513           | 1           | Asm, Drive Lever RH       | 35          | 1-303105           | 1           | Yoke-Adjustable            |
| 8:1         | 116-4082           | 1           | Wld,RH Drive Lever        | 36          | 1-413225           | 1           | Rod, Speed Control         |
| 8:2         | 126-9366           | 2           | Bushing, Sleeve           | 37          | 1-808280           | 1           | Pin-Clevis 5/16 X 1 49/64  |
| 9           | 103-1371           | 1           | Thumb Latch Asm RH        | 38          | 1-806003           | 1           | Hairpin-Cotter             |
| 10          | 103-2514           | 1           | Asm, Drive Lever LH       | 39          | 322-9              | 2           | Screw-HH 5/16-18 X 1 3/4   |
| 10:1        | 116-4081           | 1           | Wld,LH Drive Lever        | 40          | 3296-29            | 2           | Nut-Nyloc 5/16-18          |
| 10:2        | 126-9366           | 2           | Bushing, Sleeve           | 41          | 126-2107           | 1           | Cable, Choke               |
| 11          | 103-1372           | 1           | Thumb Latch Asm LH        | 42          | 103-1166           | 2           | Spacer-Tube, Pump Link     |
| 12          | 1-303365           | 2           | Bushing-Nylon             | 43          | 323-9              | 2           | Screw-HH 3/8-16 X 1 3/4    |
| 13          | 103-0769-03        | 1           | Rod Weldment, OPC         | 44          | 103-2463           | 2           | Balljoint                  |
| 14          | 116-4079           | 1           | Wld,LH OPC Lever ■        | 45          | 103-1148           | 2           | Rod,Drive Lever            |
| 14:1:2      | 1-803322           | 1           | Setscrew-5/16-24 X 5/16 ● | 46          | 3220-3             | 4           | Nut-Jam 3/8-24             |
| 15          | 116-4080           | 1           | Wld,RH OPC Lever ■        | 47          | 3219-3             | 2           | Nut-Hex 3/8-24             |
| 15:1:2      | 1-803322           | 1           | Setscrew-5/16-24 X 5/16 ● | 48          | 3220-16            | 2           | Nut-Jam 3/8-24 LH          |
| 16          | 3256-22            | 2           | Washer-1/4 SAE            | 49          | 116-3414           | 2           | Drive Link ASM             |
| 17          | 3256-23            | 1           | Washer-5/16 SAE           | 50          | 3272-5             | 1           | Pin-Cotter 3/32 X 1/2      |
| 18          | 1-323244           | 2           | Washer-Friction           | 51          | 103-1167           | 2           | Joint-Ball End             |
| 19          | 126-0148           | 1           | Lever, Shift W/Grip       | 52          | 116-4081           | 1           | Wld,LH Drive Lever         |
| 19:2        | 103-5994           | 1           | Grip-Handle, Steering     | 53          | 116-4082           | 1           | Wld,RH Drive Lever         |
| 20          | 1-603716           | 1           | Washer-Friction Disc      | 54          | 126-9366           | 4           | Bushing, Sleeve            |
| 21          | 322-11             | 2           | Screw-HH 5/16-18 X 2 1/4  | 55          | 104-8300           | 2           | Nut-Nyloc 5/16-18 Flg      |
| 22          | 1-323245           | 2           | Spring-Compression        | 56          | 1-633349           | 2           | Spring-Compression         |
| 23          | 104-8301           | 6           | Nut-Nyloc 3/8-16 Flg      | 57          | 126-2921           | 2           | Latch, Ecs                 |

● 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.

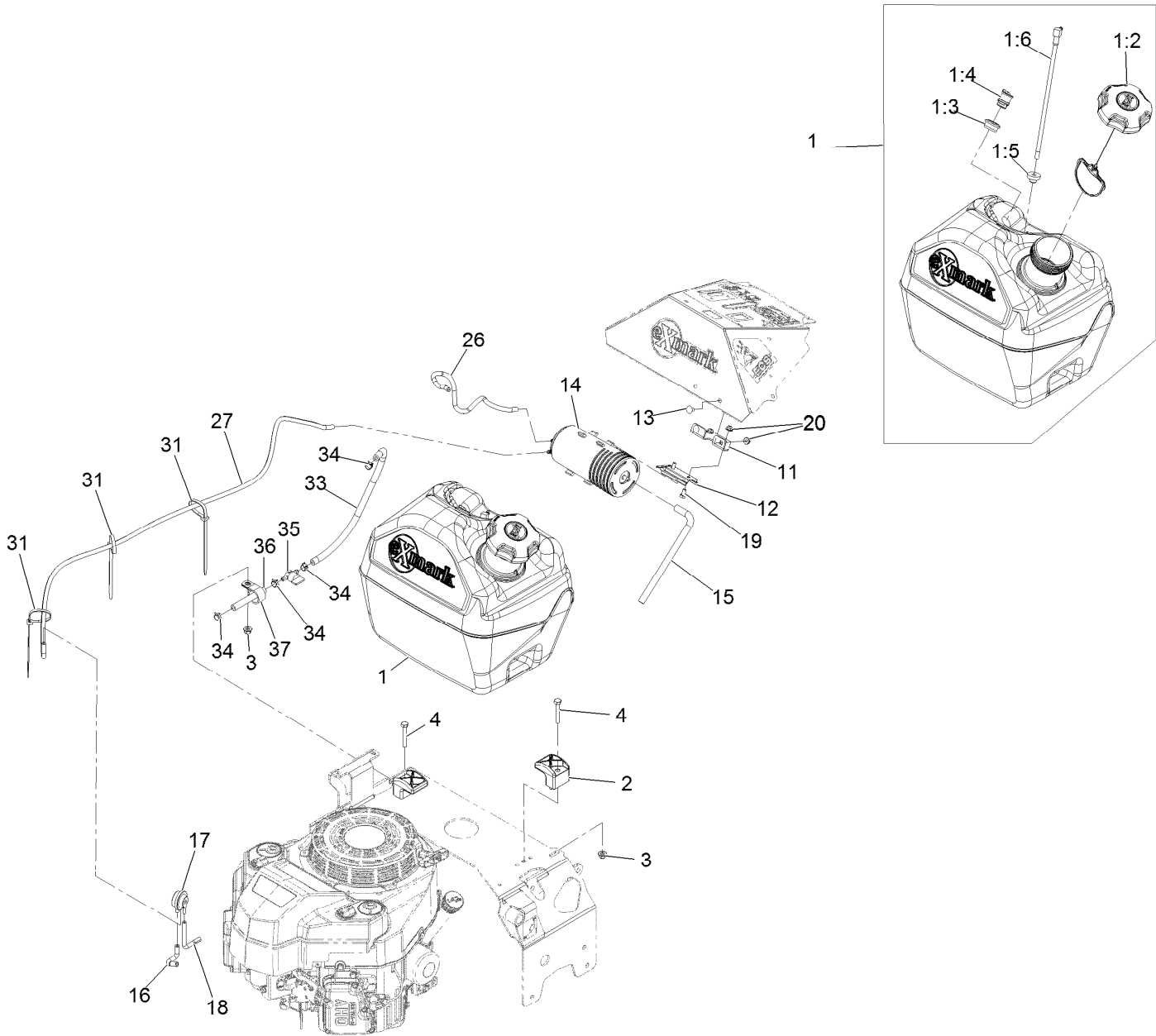
## Controls Assembly



## Controls Assembly (continued)

| <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           | 116-9975           | 1           | Weld, Motion Control, Rt | 15          | 1-808280           | 2           | Pin-Clevis 5/16 X 1 49/64 |
| 2           | 116-9974           | 1           | Weld, Motion Control, Lt | 16          | 1-806003           | 2           | Hairpin-Cotter            |
| 3           | 1-803022           | 2           | Setscrew-5/16-18 X 5/8   | 17          | 1-613089           | 2           | Tab-Spring, Extension     |
| 4           | 126-2982-01        | 1           | Weld, Speed Control      | 18          | 1-603693           | 2           | Spring                    |
| 5           | 1-603735           | 2           | Bushing-Flanged          | 19          | 126-0610           | 2           | Pin, Motion Control       |
| 6           | 103-0265           | 2           | Spring, Neutral Return   | 20          | 126-8571           | 2           | Swivel-Adjustable, Short  |
| 7           | 1-603737           | 2           | Bolt-Neutral Return      | 21          | 1-413350           | 2           | Link-Control, Speed       |
| 8           | 3256-23            | 9           | Washer-5/16 SAE          | 22          | 3272-5             | 2           | Pin-Cotter 3/32 X 1/2     |
| 9           | 3219-2             | 7           | Nut-Hex 5/16-24          | 23          | 1-323245           | 1           | Spring-Compression        |
| 10          | 3220-2             | 2           | Nut-Jam 5/16-24          | 24          | 1-603903           | 1           | Spacer                    |
| 11          | 104-8300           | 6           | Nut-Nyloc 5/16-18 Flg    | 25          | 103-3060           | 1           | Knob-Tracking             |
| 12          | 32128-20           | 2           | Nut-Whizlock 5/16-18     | 27          | 1-809056           | 2           | Screw-Sh 5/16-18 X 1 3/8  |
| 13          | 322-5              | 2           | Screw-HH 5/16-18 X 1     | 28          | 116-7918           | 1           | Decal-Tracking Adjustment |
| 14          | 1-303105           | 2           | Yoke-Adjustable          | 29          | 302-19             | 2           | Zerk-1/4-28 Str           |

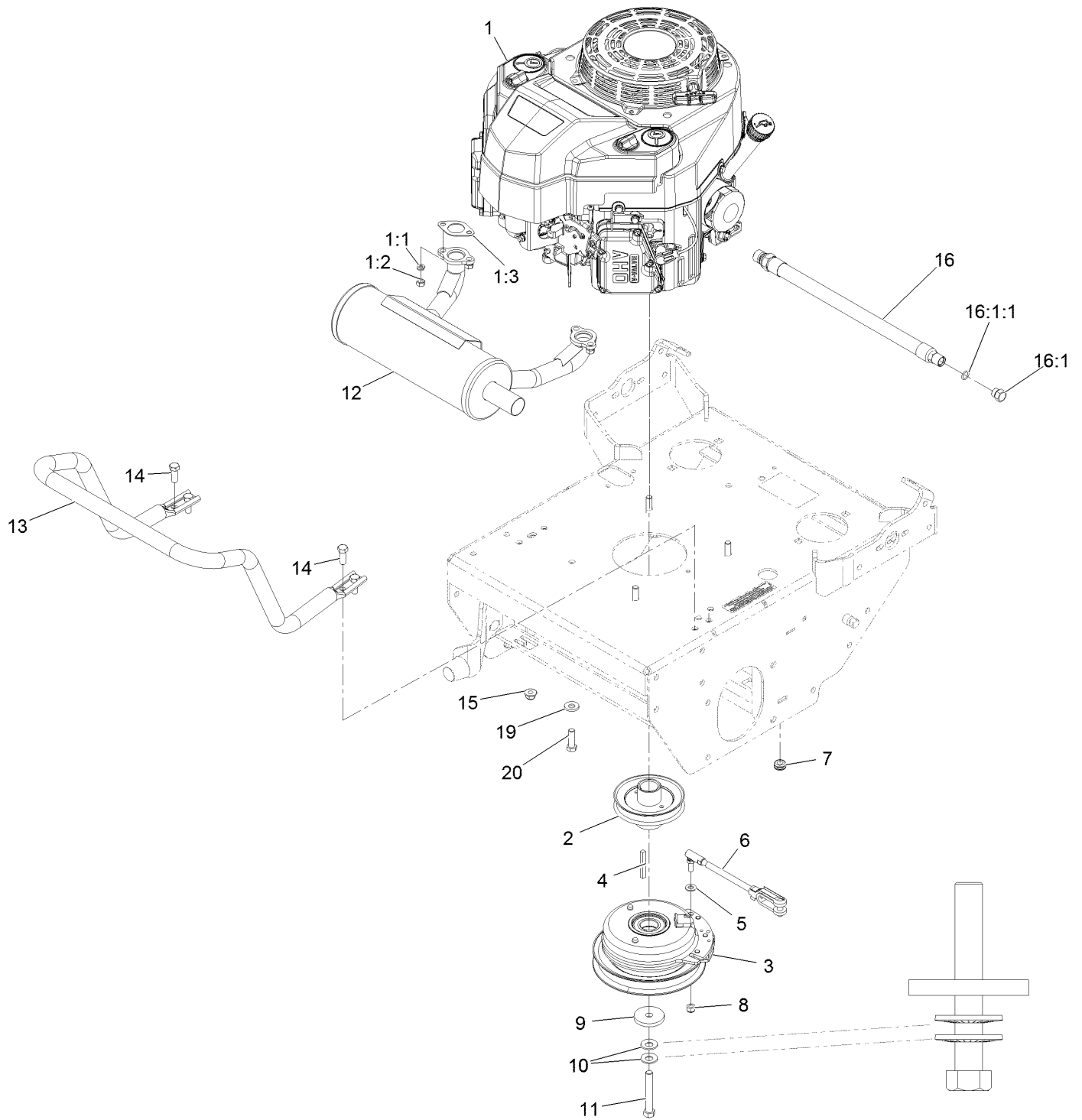
# Fuel Assembly



## Fuel 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           | 135-2855           | 1           | ASM, Fuel Tank 5 Gal                | 15          | 115-0962           | 1           | Hose-Vent, Canister   |
| 1:2         | 137-4119           | 1           | Cap-Fuel, Ratcheting                | 16          | 119-8502           | 1           | Hose-Vent, Formed     |
| 1:3         | 114-0284           | 1           | Grommet                             | 17          | 116-2232           | 1           | Valve-Control, Vacuum |
| 1:4         | 119-3547           | 1           | Valve-Vent, Fuel                    | 18          | 119-8501           | 1           | Hose-Vent, Formed     |
| 1:5         | 46-6560            | 1           | Bushing                             | 19          | 321-2              | 2           | Screw-HH              |
| 1:6         | 109-9364           | 1           | Fitting-Fuel (W/Line And<br>Screen) | 20          | 104-7201           | 4           | Nut-HF                |
| 2           | 107-4543           | 2           | Clamp                               | 26          | 116-4801           | 1           | Hose-Emissions        |
| 3           | 104-8300           | 2           | Nut-HF, NI                          | 27          | 116-3116           | 1           | Hose-Vent, Formed     |
| 4           | 322-10             | 2           | Screw-HH                            | 31          | 1-303335           | 4           | Tie-Plastic           |
| 11          | 115-4486-01        | 1           | Bracket-Canister, Carbon            | 33          | 114-4428           | 1           | Hose-Fuel             |
| 12          | 114-0292           | 1           | Bracket-Canister, Carbon            | 34          | 2412-98            | 4           | Clamp-Hose            |
| 13          | 3229-10            | 2           | Screw-CARR                          | 35          | 1-603770           | 1           | Valve-Fuel            |
| 14          | 117-1221           | 1           | Canister-Carbon, 800Cc              | 36          | 105-8342           | 1           | Hose-Fuel             |
|             |                    |             |                                     | 37          | 1-643312           | 1           | Clip-Loom             |

# Engine Assembly



## 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>             |
|-------------|--------------------|-------------|---------------------------|-------------|--------------------|-------------|--------------------------------|
| 1           |                    | 1           | Engine, Kawasaki 481Cc ■▲ | 10          | 1-603610           | 2           | Washer-Spring                  |
| 1:1         | 114-3550           | 4           | Washer-Lock               | 11          | 3212-12            | 1           | Screw-HH □                     |
| 1:2         | 114-3549           | 4           | Nut                       | 12          | 116-3735           | 1           | Muffler-Horizontal             |
| 1:3         | 1-653313           | 2           | Gasket-Exhaust            | 13          | 135-4729-03        | 1           | Tube-Guard Muffler             |
| 2           | 116-7328           | 1           | Sheave, W/ Hub            | 14          | 323-6              | 4           | Screw-HH                       |
| 3           | 126-2615           | 1           | Clutch, 105 Ft/Lbs, 1.13  | 15          | 104-8301           | 4           | Nut-HF, NI                     |
| 4           | 5-1336             | 1           | Key-Square ○              | 16          | 116-5052           | 1           | Asm-Oil Drain Hose W/Plug<br>◆ |
| 5           | 3256-23            | 1           | Washer-Plain              | 16:1        | 353-508            | 1           | Plug-HH ●                      |
| 6           | 126-0620           | 1           | ASM, Clutch Anchor        | 16:1:1      | 237-42             | 1           | O-Ring                         |
| 7           | 237-136            | 1           | Grommet                   | 19          | 98-5975            | 4           | Washer-Belleville              |
| 8           | 3296-4             | 1           | Nut-Lock                  | 20          | 323-7              | 4           | Screw-HH                       |
| 9           | 109-6919           | 1           | Washer-Clutch             |             |                    |             |                                |

● Torque to 20-24 ft-lb

■ Not serviced separately

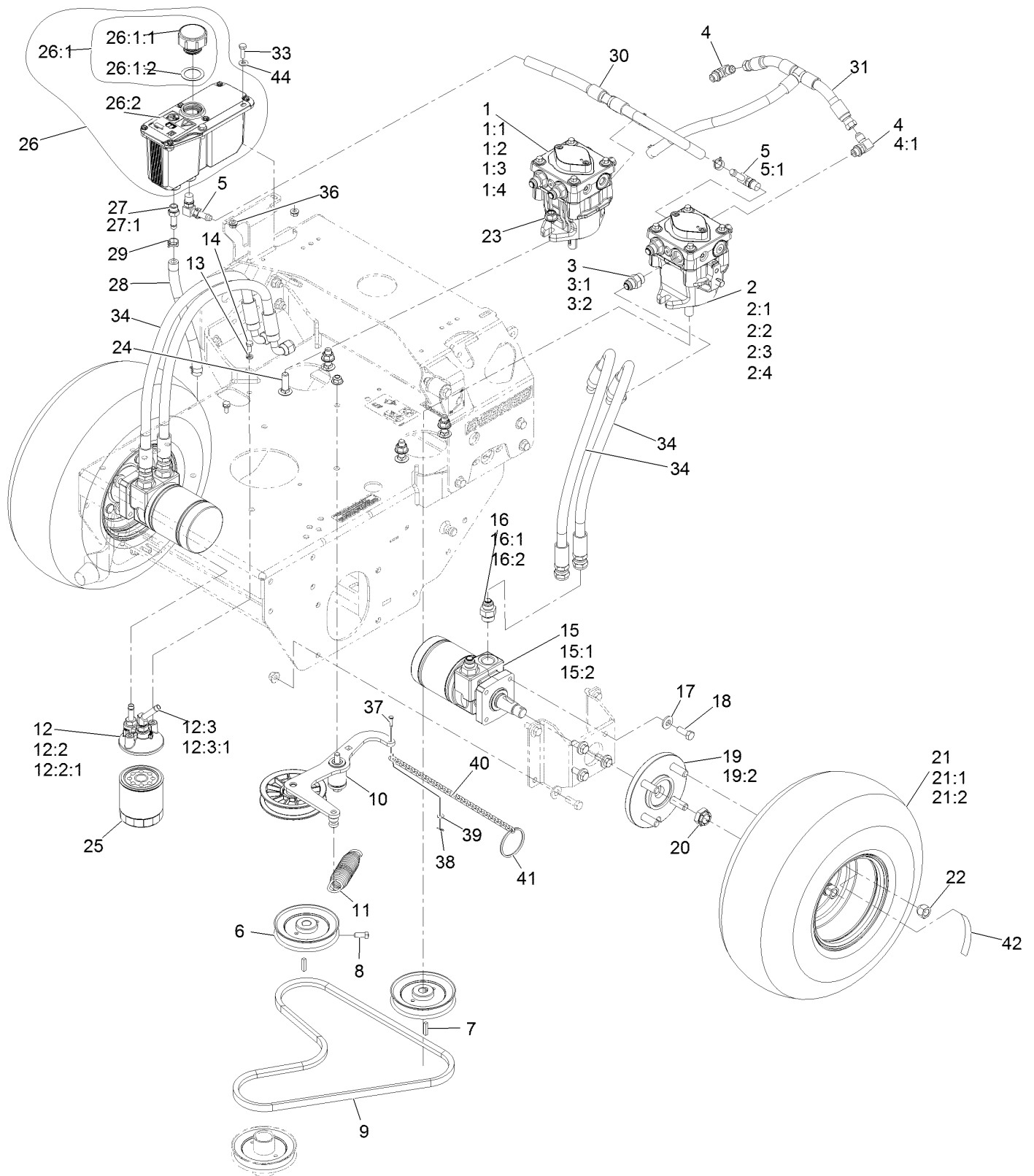
▲ Obtain parts from [www.kawpowerepc.com](http://www.kawpowerepc.com)

◆ 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.

# Ground Drive Assembly



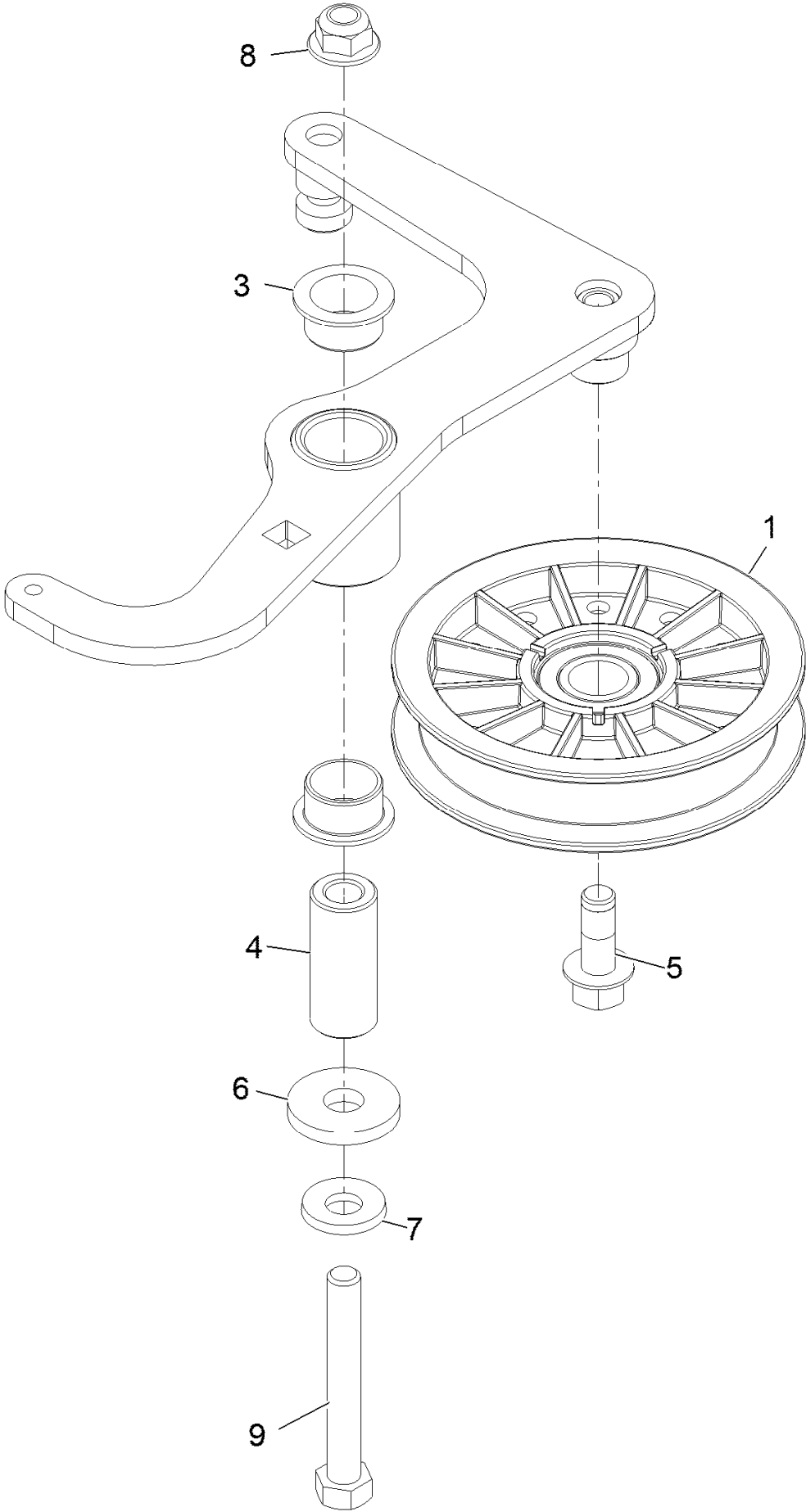
## Ground Drive Assembly (continued)

| <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           | 116-0943           | 1           | RH HYD Pump ASM              | 16:2        | 1-603992           | 1           | O-Ring-37 Flare #8            |
| 1:1         | 103-2664           | 1           | Input Shaft Kit              | 17          | 98-5975            | 8           | Washer-Spring Disc 3/8        |
| 1:2         | 94-6922            | 1           | Bearing-Thrust               | 18          | 323-6              | 8           | Screw-HH 3/8-16 X 1           |
| 1:3         | 103-2666           | 1           | Cylinder Block Kit           | 19          | 112-9049           | 2           | Wheel Hub ASM                 |
| 1:4         | 105-6184           | 1           | Seal Overhaul Kit            | 19:2        | 1-633926           | 4           | Stud-Wheel                    |
| 2           | 116-0942           | 1           | LH HYD Pump ASM              | 20          | 116-2839           | 2           | Nut-Lock                      |
| 2:1         | 103-2664           | 1           | Input Shaft Kit              | 21          | 1-413473           | 2           | Wheel And Tire ASM            |
| 2:2         | 94-6922            | 1           | Bearing-Thrust               | 21:1        | 1-413474           | 1           | Tire-Turfmaster               |
| 2:3         | 103-2666           | 1           | Cylinder Block Kit           | 21:2        | 1-603715           | 1           | Rim-Wheel                     |
| 2:4         | 105-6184           | 1           | Seal Overhaul Kit            | 22          | 242-50             | 8           | Nut-Lug 1/2-20                |
| 3           | 1-603990           | 4           | Adapter-Straight             | 23          | 114-8417           | 4           | Nut-HF, NI                    |
| 3:1         | 1-603920           | 1           | O-Ring-SAE #8                | 24          | 3232-3             | 4           | Bolt-Carriage 7/16-14 X 1 1/2 |
| 3:2         | 1-603992           | 1           | O-Ring-37 Flare #8           | 25          | 109-4180           | 1           | Element, Oil Filter           |
| 4           | 103-1802           | 2           | Fitting-Elbow, 90 DEG        | 26          | 126-1248           | 1           | ASM, HYD Reservoir ■          |
| 4:1         | 237-42             | 1           | O-Ring                       | 26:1        |                    | 1           | Reservoir-HYD ●               |
| 5           | 100-4887           | 3           | Fitting-Elbow, 90            | 26:1:1      | 103-1948           | 1           | Cap-Reservoir, HYD            |
| 5:1         | 237-42             | 1           | O-Ring                       | 26:1:2      | 103-1949           | 1           | Gasket-Cap                    |
| 6           | 1-413010           | 2           | Sheave ASM                   | 26:2        | 115-4212           | 1           | Decal-Warning                 |
| 7           | 1-807272           | 2           | Key-5Mm X 5Mm X 25Mm         | 27          | 103-1912           | 1           | Adapter-Straight              |
| 8           | 120-6474           | 4           | Screw-Set, SQH 5/16-18 X 3/4 | 27:1        | 237-42             | 1           | O-Ring                        |
| 9           | 103-4761           | 1           | Belt                         | 28          | 103-2959           | 1           | Hose-Charge                   |
| 10          | 126-0615           | 1           | ASM, Pump Idler              | 29          | 103-1988           | 6           | Clamp-Hose 11/16              |
| 11          | 116-6316           | 1           | Spring-Extension             | 30          | 126-0623           | 1           | Hose-Case Drain               |
| 12          | 126-0621           | 1           | ASM, Filter Head             | 31          | 126-0622           | 1           | Hose-Charge                   |
| 12:2        | 103-1912           | 1           | Adapter-Straight             | 33          | 321-5              | 2           | Screw-HH 1/4-20 X 7/8         |
| 12:2:1      | 237-42             | 1           | O-Ring                       | 34          | 119-7827           | 4           | HYD Hose ASM                  |
| 12:3        | 103-1807           | 1           | Fitting-Barbed, 45 DEG       | 36          | 32128-32           | 2           | Nut-Hex 1/4-20 Side Lock      |
| 12:3:1      | 237-42             | 1           | O-Ring                       | 37          | 283-16             | 1           | Pin-Clevis                    |
| 13          | 1-805004           | 2           | Washer-Lock 1/4 Heavy        | 38          | 108-2992           | 1           | Pin-Hair                      |
| 14          | 321-3              | 2           | Screw-HH 1/4-20 X 5/8        | 39          | 3269-26            | 1           | Washer-Plain                  |
| 15          | 1-603718           | 2           | HYD Motor ASM                | 40          | 1-323365           | 1           | Chain-Link, Twist             |
| 15:1        | 1-000119           | 1           | Seal Kit                     | 41          | 1-323366           | 1           | Ring-Split                    |
| 15:2        | 1-000138           | 1           | Bearing And Seal Kit         | 42          | 126-2056           | 2           | Decal-Torque Wheel Lug-Hub    |
| 16          | 1-603991           | 4           | Adapter-Straight             | 44          | 3256-22            | 2           | Washer-1/4 SAE                |
| 16:1        | 237-80             | 1           | O-Ring                       |             |                    |             |                               |

● Not serviced separately

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

Pump Idler Assembly No. 126-0615

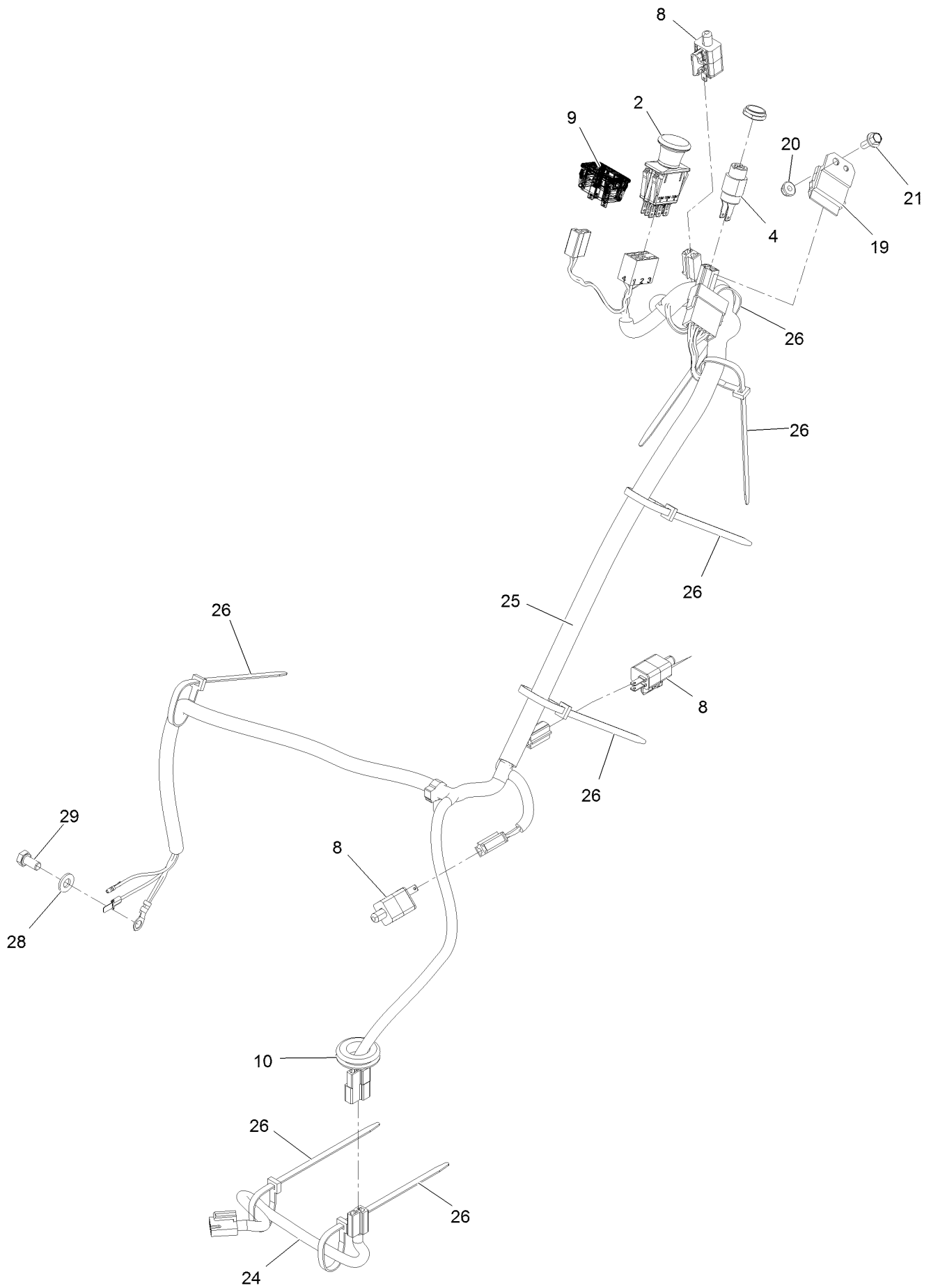


## Pump Idler Assembly No. 126-0615 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 109-4077           | 1           | Pulley-Idler, Flat |
| 3           | 109-8054           | 2           | Bushing-Flanged    |
| 4           | 116-8718           | 1           | Spacer, Pivot      |
| 5           | 126-1680           | 1           | Screw-Hfh          |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 6           | 1-373034           | 1           | Washer                 |
| 7           | 98-5975            | 1           | Washer-Spring Disc 3/8 |
| 8           | 104-8301           | 1           | Nut-Nyloc 3/8-16 Flg   |
| 9           | 112-7451           | 1           | Screw-TAP              |

# Electrical Assembly



## Electrical 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>        |
|-------------|--------------------|-------------|--------------------------------------|-------------|--------------------|-------------|---------------------------|
| 2           | 103-5221           | 1           | Switch-PTO                           | 20          | 104-7201           | 1           | Nut-Nyloc 1/4-20 Flg      |
| 4           | 1-403121           | 1           | Switch & Key (Includes Nut & Washer) | 21          | 99-6810            | 1           | Screw-HH 1/4-20 X 5/8     |
| 4           | 103-0498           | 1           | Nut-Ignition                         | 24          | 126-0624           | 1           | Harness-Clutch Pigtail    |
| 8           | 110-6765           | 3           | Switch                               | 25          | 126-0625           | 1           | Harness-Main ●            |
| 9           | 126-3931           | 1           | Meter-Hour                           | 26          | 1-303335           | 7           | Tie-Cable 7 15/16 (Large) |
| 10          | 1-543286           | 1           | Grommet                              | 28          | 33094-00           | 1           | Washer                    |
| 19          | 1-323430           | 1           | Module-Interlock                     | 29          | 33114-016          | 1           | Screw-HH M8-1.25 X 16Mm   |

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

**Notes:**



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|------------------------------------|---------------------------------|
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| 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.

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Label Here (Included in the Literature  
Pack) or Fill in Below

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Date Purchased \_\_\_\_\_

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