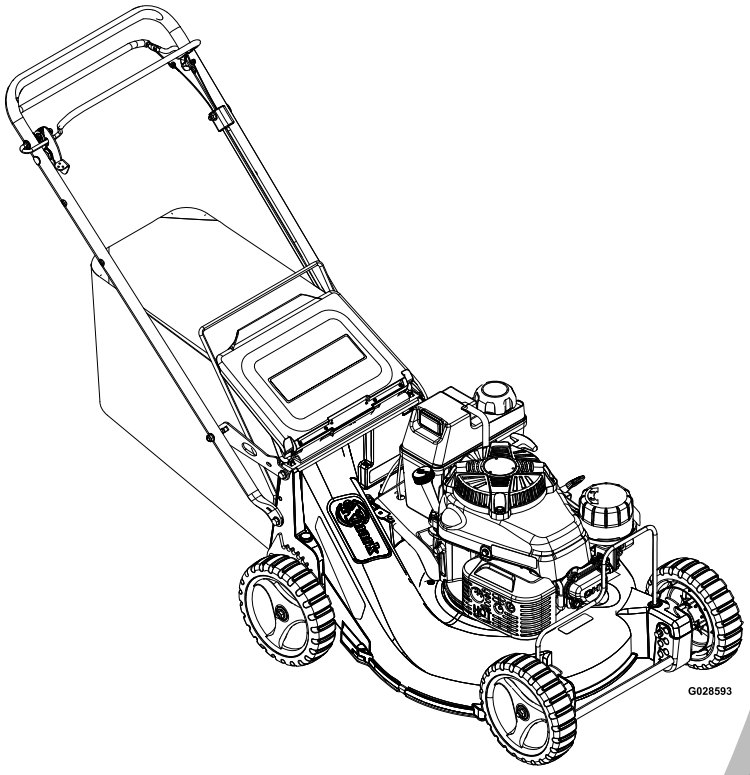
# Parts Manual

# COMMERCIAL 21

**Model No. ECX180CKA210BC—Serial No. 404314159 and Up**

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




Part No. 4503-957 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).

**© 2019—Exmark Mfg. Co., Inc.**
**2101 Ashland Ave**
**Beatrice, NE 68310**



**Contact us at www.Exmark.com.**
**Printed in the USA.**
**All Rights Reserved**

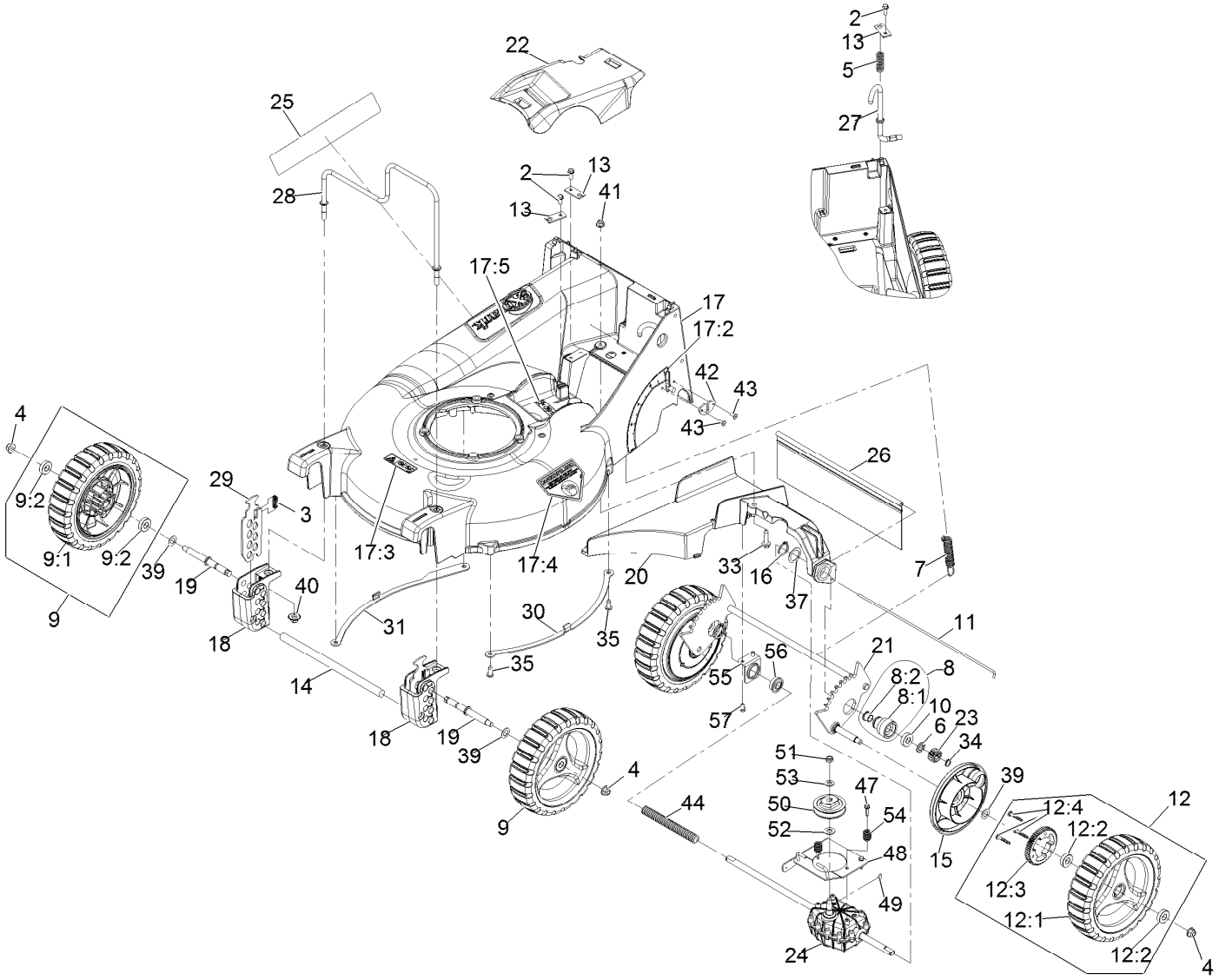



If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

# Contents

Deck and Wheel Assembly . . . . . 4
Handle Assembly . . . . . 6
Bag and Door Assembly . . . . . 8
Blade Assembly . . . . . 10
Engine Assembly . . . . . 12

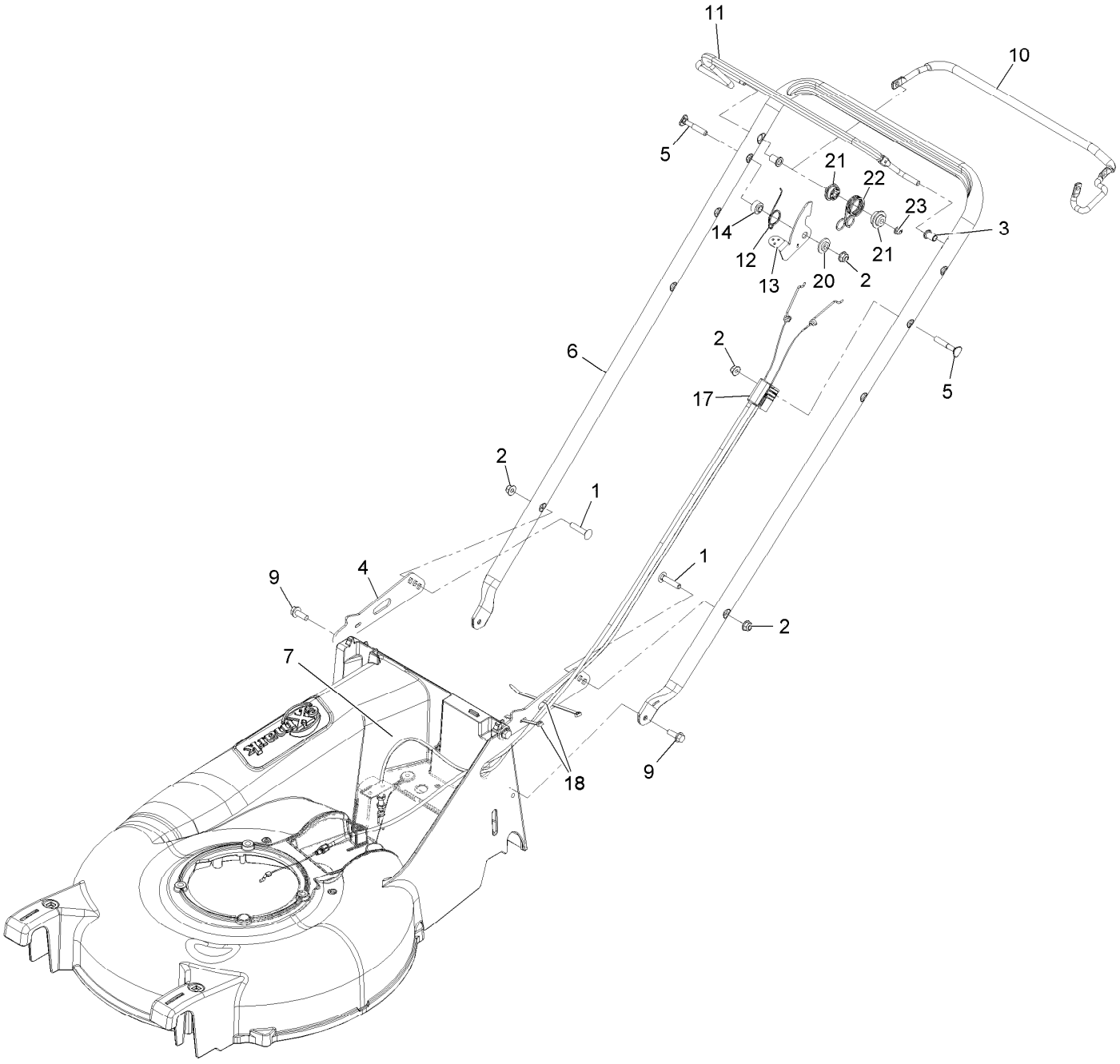
# Deck and Wheel Assembly



# Deck and Wheel Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 32144-85 | 3 | Screw-HWH 1/4-20 X .62 |
| 3 | 109-7258 | 2 | Spring-Compression |
| 4 | 104-8301 | 4 | Nut-Nyloc 3/8-16 Flg |
| 5 | 109-7694 | 1 | Spring-Compression |
| 6 | 108-5059 | 2 | Spacer-Bushing |
| 7 | 109-7692 | 1 | Spring-Extension |
| 8 | 116-6172 | 2 | Housing ASM |
| 8:1 | 116-6171 | 1 | Housing-Bearing |
| 8:2 | 116-4279 | 1 | Bearing-Flange |
| 9 | 126-7347 | 2 | Wheel ASM, 9" W/Bearings |
| 9:1 | 126-7345 | 1 | Wheel ASM, 9" |
| 9:2 | 133-2603 | 2 | Bearing-Ball |
| 10 | 133-2603 | 2 | Bearing-Ball |
| 11 | 109-8025 | 1 | Rod,Shield |
| 12 | 126-7758 | 2 | Wheel ASM, 9 W/Gear |
| 12:1 | 126-7345 | 1 | Wheel ASM, 9" |
| 12:2 | 133-2603 | 2 | Bearing-Ball |
| 12:3 | 133-2625 | 1 | Gear-Wheel, 52T |
| 12:4 | 130-6426 | 3 | Stud-Drive |
| 13 | 109-8441 | 3 | Bracket,Mount |
| 14 | 109-8454 | 1 | Rod,Bumper |
| 15 | 126-8259 | 2 | Cover,Gear |
| 16 | 32151-36 | 2 | Ring-Retaining |
| 17 | 116-2006 | 1 | Deck W/Decals |
| 17:2 | 116-1922 | 1 | Decal-Height Of Cut |
| 17:3 | 130-9670 | 1 | Decal-Warning, Blade |
| 17:4 | 94-8072 | 1 | Decal-Danger |
| 17:5 | 119-0217 | 1 | Decal-Danger |
| 18 | 109-9302 | 2 | Block,Front Quadrant |
| 19 | 116-0994 | 2 | Axle-Wheel |
| 20 | 116-9646-01 | 1 | Bracket-Transmission And Chute |
| 21 | 109-9312 | 1 | Wld,Rear Axle P21 |
| 22 | 109-9324 | 1 | Cover,Belt |
| 23 | 131-5399 | 2 | Gear-Pinion, 15T |
| 24 | 116-9906 | 1 | Transmission-HD, 4.5/1 |
| 25 | 126-6886 | 1 | Decal-Comm 21 X-Series |
| 26 | 116-0252 | 1 | Shield-Trailing P21 |
| 27 | 116-0329 | 1 | Rod-Height Adj P21 |
| 28 | 116-0522 | 1 | Guard,Engine |
| 29 | 109-9292 | 2 | Plate, Front Height |
| 30 | 116-0995-03 | 1 | Skid,LH |
| 31 | 116-0996-03 | 1 | Skid,RH |
| 33 | 32144-49 | 1 | Screw-HWH 5/16-18 1 1/4 Tf |
| 34 | 32151-61 | 2 | Ring-Retaining |
| 35 | 613381 | 4 | Screw-Button Head 5/16-18 X .725 Tf |
| 37 | 74-1810 | 2 | Washer |
| 39 | 36-4780 | 4 | Washer |
| 40 | 109-6658 | 2 | Nut-Nyloc 3/8-16 Flg |
| 41 | 104-8300 | 1 | Nut-Nyloc 5/16-18 Flg |
| 42 | 116-2221 | 1 | Plate,Wear |
| 43 | 114439 | 2 | Rivet |
| 44 | 126-2335 | 1 | Cover-Shaft-Drive |
| 47 | 27-0220 | 3 | Screw-Special |
| 48 | 116-3539-03 | 1 | Transmission Plate ASM |
| 49 | 3257-1 | 1 | Key-Woodruff 1/8 X 1/2 |
| 50 | 39-6740 | 1 | Pulley |
| 51 | 3296-5 | 1 | Nut-Nyloc 3/8-24 Thin |
| 52 | 36-4792 | 1 | Washer-Thrust |
| 53 | 3256-45 | 1 | Washer-Flat |
| 54 | 116-1438 | 2 | Spring,Compression |
| 55 | 138-3233 | 1 | Mount-Bearing |
| 56 | 104-8699 | 1 | Bearing-Ball |
| 57 | 9266714 | 2 | Screw-HWH 1/4-20 X .50 |

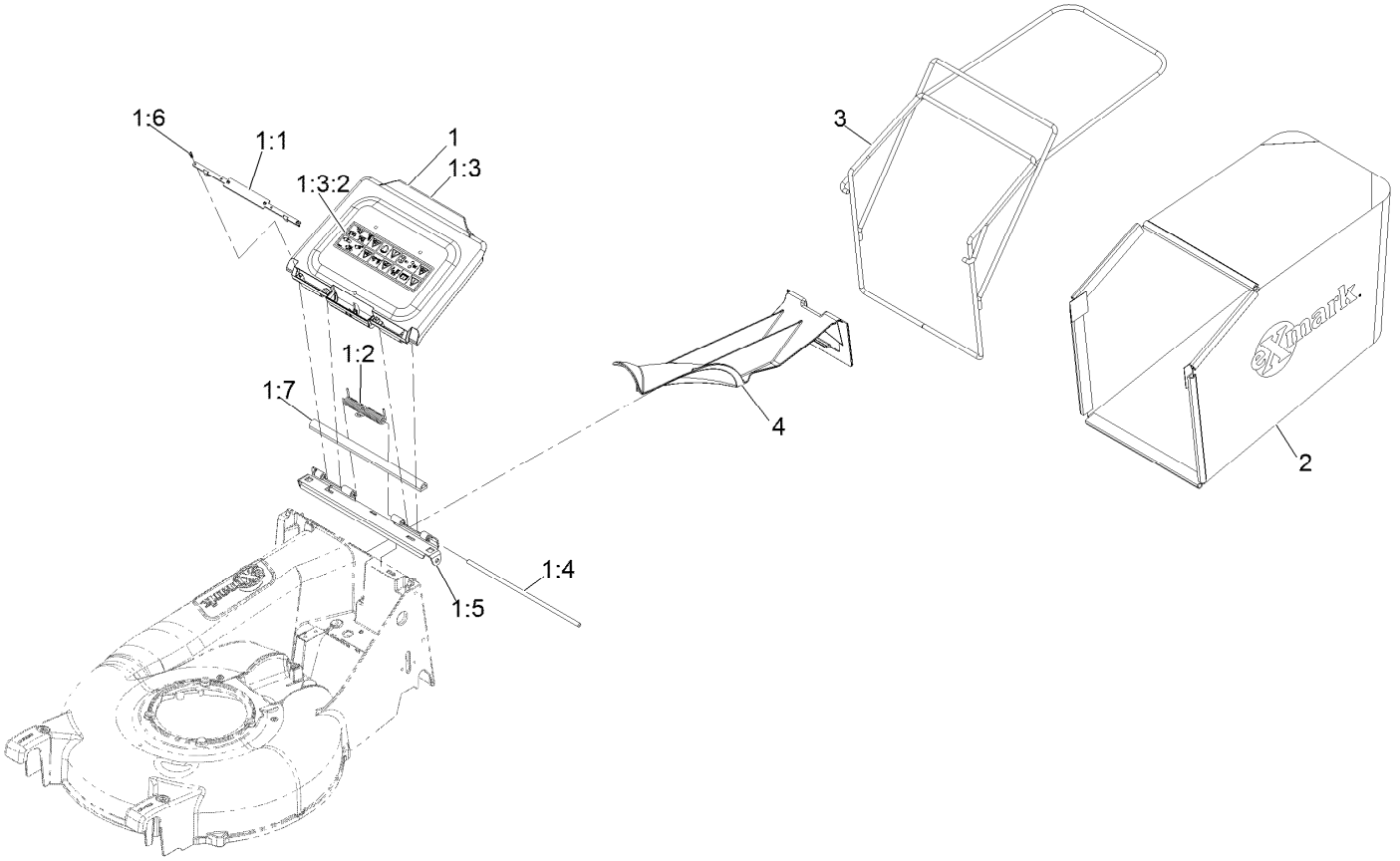
# Handle Assembly



# Handle Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 33-5790 | 2 | Bolt-Carriage 5/16-18 X 1 1/2 |
| 2 | 104-8300 | 4 | Nut-Nyloc 5/16-18 Flg |
| 3 | 116-1478 | 2 | Bushing-Handlebar |
| 4 | 109-9323-03 | 2 | Bracket,Handlebar |
| 5 | 112-8876 | 2 | Bolt-Carriage 5/16-18 X 2 |
| 6 | 116-0119-03 | 1 | Handlebar-P21 |
| 7 | 126-7397 | 1 | Cable, Drive Ec21 |
| 9 | 32144-41 | 4 | Screw-HWH 3/8-16 X 7/8 Taptite |
| 10 | 116-7907 | 1 | Bail-Drive Coated |
| 11 | 109-8442 | 1 | Bail |
| 12 | 109-9318 | 1 | Spring-Lever, BBC |
| 13 | 116-2998 | 1 | Lever-BBC |
| 14 | 116-2690 | 1 | Bushing-Stepped |
| 17 | 116-0901 | 1 | Cable-BBC |
| 18 | 614249 | 2 | Tie-Cable |
| 20 | 105-3006 | 1 | Washer-Stepped |
| 21 | 109-8457 | 2 | Bushing-Spring, Pivot |
| 22 | 109-9293 | 1 | Spring,BBC Return |
| 23 | 104-7201 | 1 | Nut-Nyloc 1/4-20 Flg |

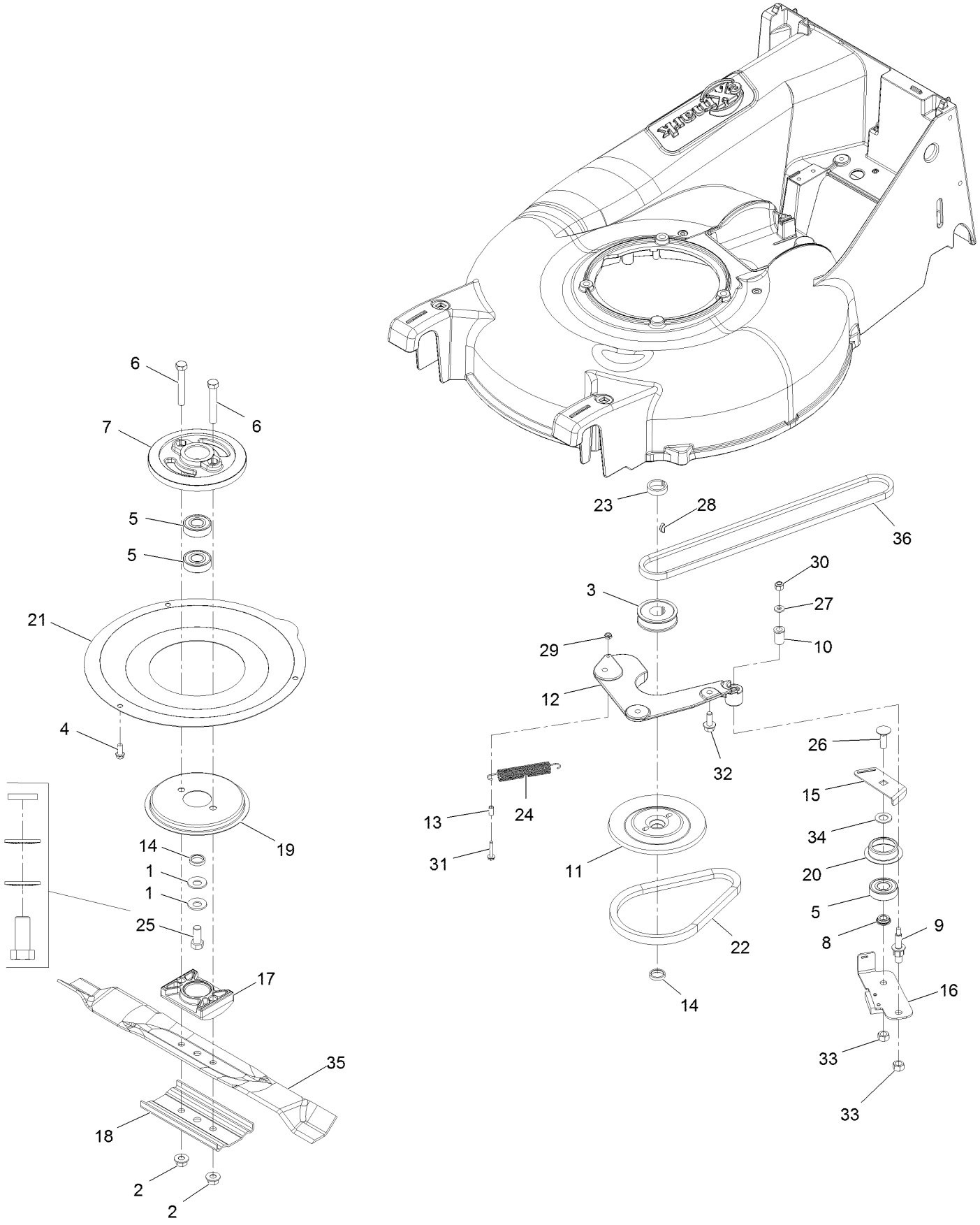
# Bag and Door Assembly



# Bag and Door Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 126-6086 | 1 | Door ASM |
| 1:1 | 126-2628-03 | 1 | Plate, Door Cover |
| 1:2 | 126-2627 | 1 | Spring-Plastic Door |
| 1:3 | 126-4200 | 1 | ASM-Door & Decal |
| 1:3:2 | 116-7583 | 1 | Decal-Warning |
| 1:4 | 126-2635 | 1 | Pin-Door Pivot |
| 1:5 | 126-2636-03 | 1 | Bracket-Door Pivot |
| 1:6 | 363-1596 | 4 | Scr,TAP,6-19X7/16,Phph, Stl, Rohs |
| 1:7 | 126-5438 | 1 | Seal-Epdm Foam Bulb |
| 2 | 126-2630 | 1 | Bag-21 Grass |
| 3 | 126-2631-03 | 1 | Wld-Bag Frame |
| 4 | 116-0251 | 1 | Plug,Mulch |

# Blade Assembly

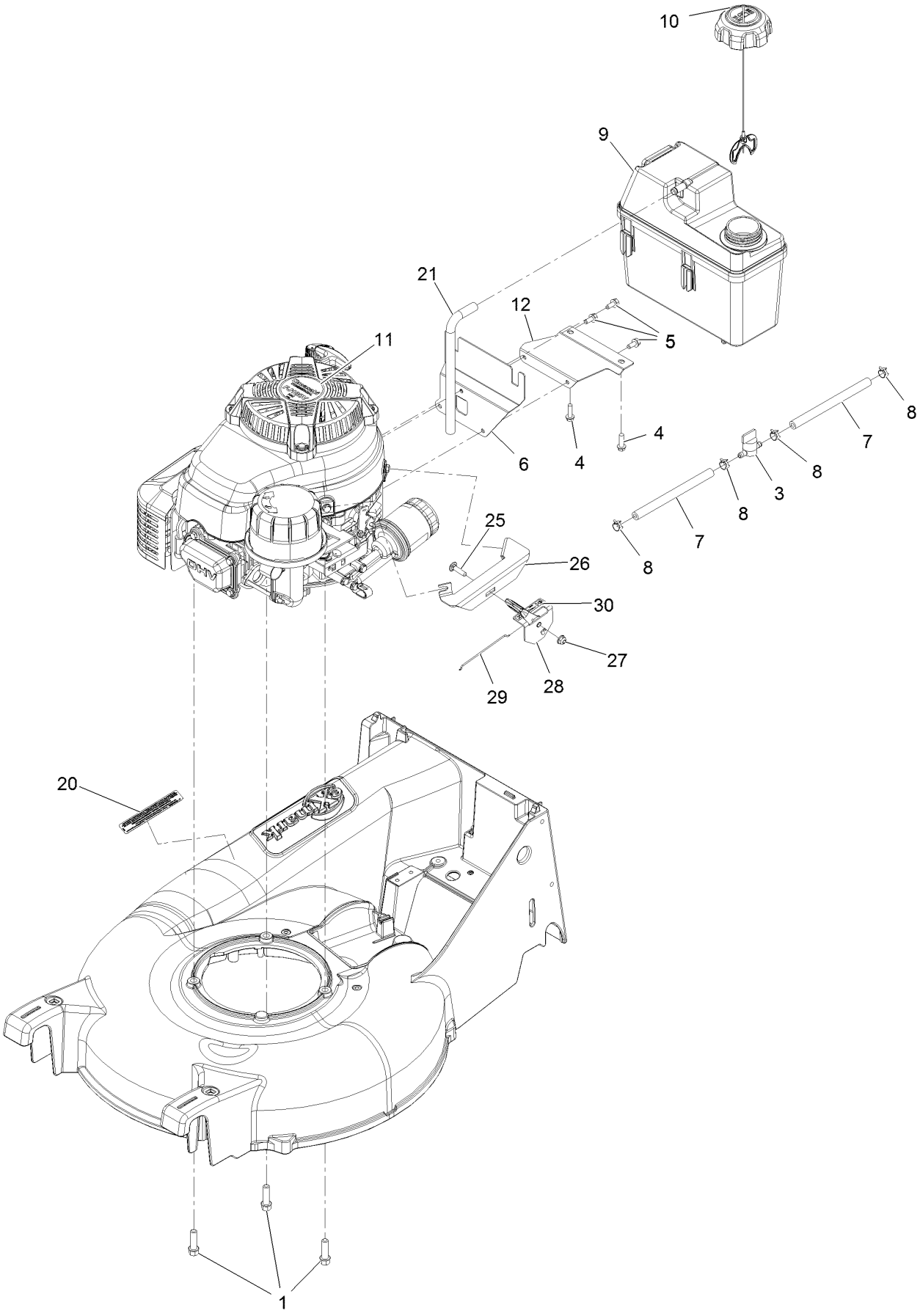


# Blade Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 1-603610 | 2 | Washer-Spring Disc 7/16 |
| 2 | 127-6852 | 2 | Nut-Flange, Lock |
| 3 | 56-6180 | 1 | Pulley-Driver |
| 4 | 32144-85 | 3 | Screw-HWH 1/4-20 X .62 |
| 5 | 38-7820 | 3 | Bearing-Ball |
| 6 | 3211-42 | 2 | Screw-HH 3/8-24 X 2 1/2 |
| 7 | 126-8108 | 1 | Drum |
| 8 | 107-0758 | 1 | Spacer-Bearing |
| 9 | 107-0759 | 1 | Bolt-Shoulder |
| 10 | 107-0797 | 1 | Bushing |
| 11 | 107-4277-03 | 1 | Pulley-Driver, Upper |
| 12 | 116-3572 | 1 | Plate-Mounting, BBC |
| 13 | 107-4292 | 1 | Spacer-BBC |
| 14 | 107-4293 | 2 | Spacer-Plate, BBC |
| 15 | 138-3222 | 1 | Plate-Guide |
| 16 | 125-1063 | 1 | Plate-Brake |
| 17 | 107-7487 | 1 | Support-Blade |
| 18 | 108-3766-03 | 1 | Support-Blade |
| 19 | 138-3225 | 1 | Disk |
| 20 | 138-3217 | 1 | Retainer-Belt |
| 21 | 116-3360-03 | 1 | Cover-BBC |
| 22 | 110-1790 | 1 | Belt |
| 23 | 110-2142 | 1 | Spacer-Pulley |
| 24 | 115-4471 | 1 | Spring-Extension |
| 25 | 3212-4 | 1 | Screw-HH 7/16-20 X 1 ● |
| 26 | 3231-38 | 1 | Bolt-Carriage 3/8-16 X 1 1/4 |
| 27 | 3256-16 | 1 | Washer-#12 Std |
| 28 | 3257-3 | 1 | Key-Woodruff |
| 29 | 3296-27 | 1 | Nut-Lock #10-32 |
| 30 | 3296-42 | 1 | Nut-Nyloc 1/4-20 |
| 31 | 32144-9 | 1 | Screw-HWH #10-32 X 1 Taptite |
| 32 | 33104-020 | 3 | Screw-HH M8-1.25 X 20Mm ● |
| 33 | 125-5069 | 2 | Nut-Hex |
| 34 | 605256 | 1 | Spacer |
| 35 | 135-0413 | 1 | Blade - Medium Lift, 20.5 |
| 36 | 109-7299 | 1 | Belt,3L P21 Drive |

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

# Engine Assembly



# Engine Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 95-1727 | 3 | Screw-HWH 3/8-16 X 1 1/4 Taptite |
| 3 | 1-603770 | 1 | Valve-Fuel |
| 4 | 46-8091 | 2 | Screw-HWH 1/4-10 X .82 Plastite |
| 5 | 125-8383 | 3 | Screw-HWH |
| 6 | 125-8381-03 | 1 | Bracket-Tank, Mounting |
| 7 | 107-0588 | 2 | Hose-Fuel |
| 8 | 2412-98 | 4 | Clamp-Hose |
| 9 | 114-0280 | 1 | Tank-Fuel |
| 10 | 137-4127 | 1 | Cap-Fuel |
| 11 | 109-6528 | 1 | Decal-Recoil |
| 12 | 125-8382-03 | 1 | Bracket-Tank, Support |
| 20 | 133-8062 | 1 | Decal-Arrestor, Spark |
| 21 | 115-0962 | 1 | Hose-Vent, Canister |
| 25 | 3229-30 | 1 | Bolt-Carriage 1/4-20 X 1 |
| 26 | 130-6440-03 | 1 | Bracket-Mount, Throttle |
| 27 | 104-7201 | 1 | Nut-Nyloc 1/4-20 Flg |
| 28 | 130-9655 | 1 | Control-Throttle |
| 29 | 130-9654 | 1 | Wire-Control |
| 30 | 130-9656 | 1 | Decal-Throttle, Choke |

## Notes:

## Notes:

# EXMARK ACCESSORIES AND OPTIONS*

## MID-MOUNT RIDING ACCESSORIES AND OPTIONS

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

## OUT-FRONT RIDING ACCESSORIES AND OPTIONS

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

## WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER
MICRO-MULCH SYSTEM
TURF STRIPER
STANDON

*Some accessories and options not available for some models.

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

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

**© 2019 Exmark Mfg. Co., Inc.**
**All Rights Reserved**

**2101 Ashland Ave**
**Beatrice, NE 68310**
**(402) 223-6375**
**Fax (402) 223-5489**

**Part No. 4503-957 Rev. A**
**Printed in the USA.**







**www.exmark.com**