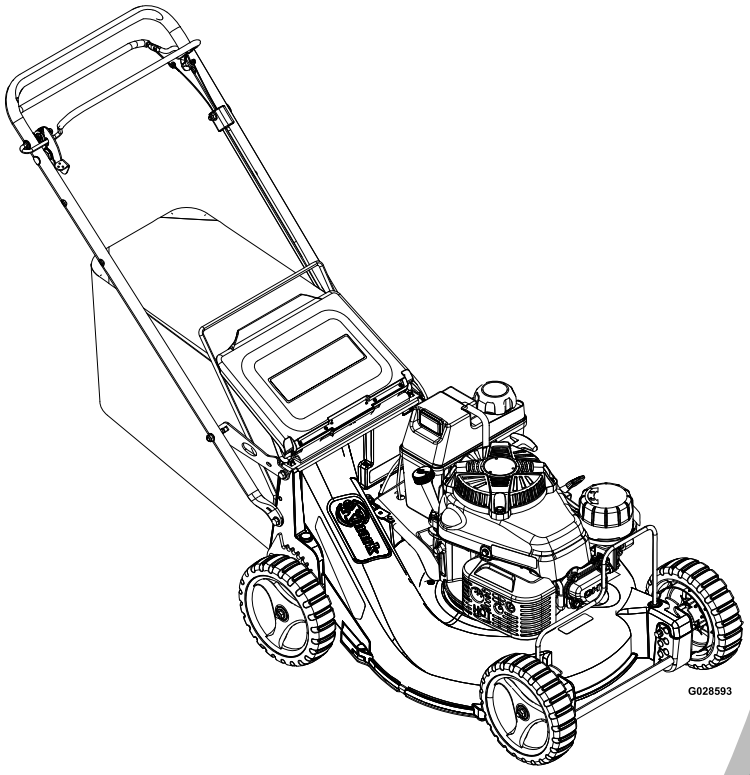
# Parts Manual

# COMMERCIAL 21

**Model No. ECX180CKA210BC—Serial No. 413950474 and Up**

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




Part No. 4506-368 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).

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**415 Industrial Row**
**Beatrice, NE 68310**

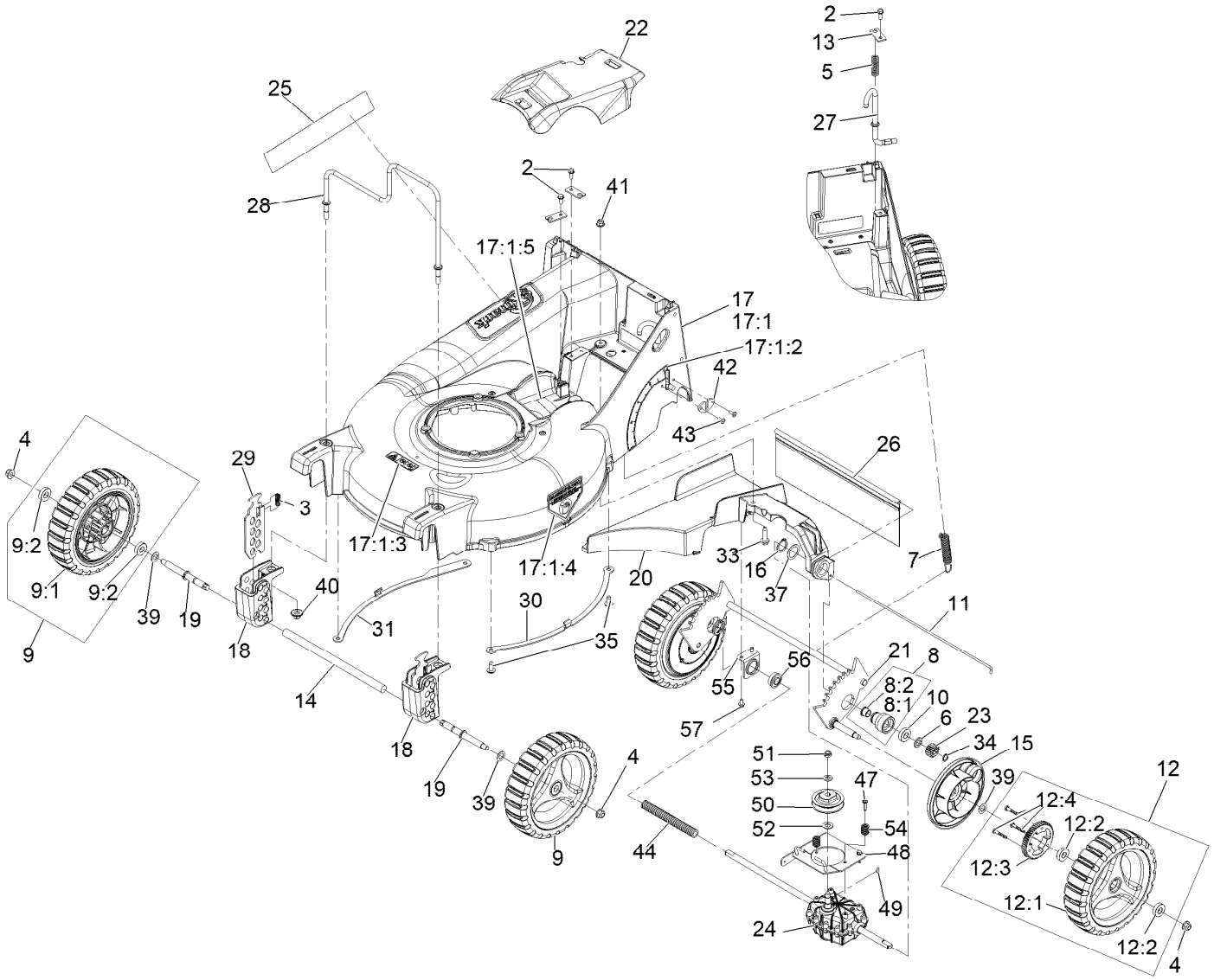


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# Deck and Wheel Assembly

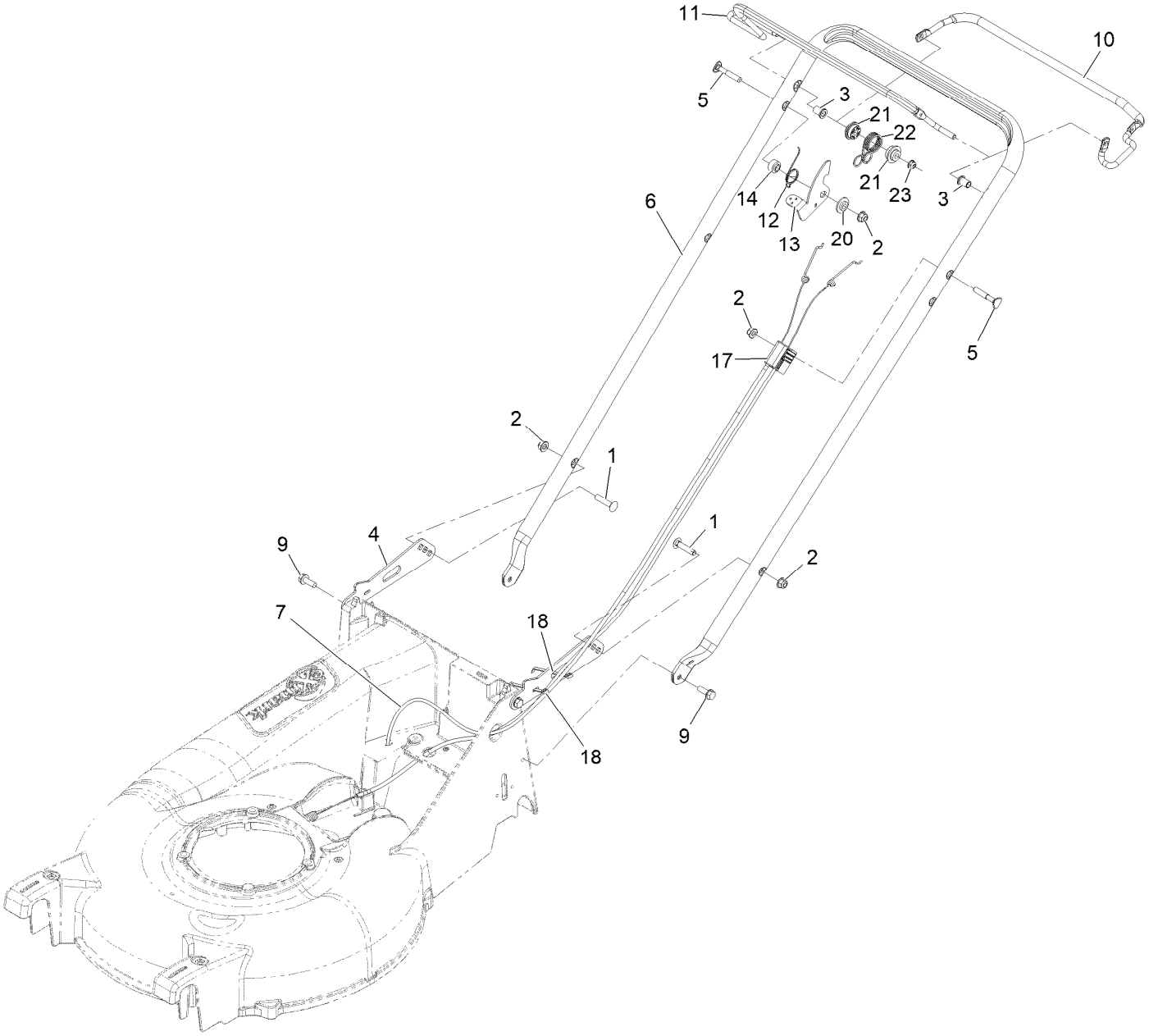


# Deck and Wheel Assembly (continued)

| 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 | 142-8690 | 1 | ASM-Deck Ec21 |
| 17:1 | | 1 | ASM-Deck Ec21 ● |
| 17:1:2 | 116-1922 | 1 | Decal-Height Of Cut |
| 17:1:3 | 130-9670 | 1 | Decal-Warning, Blade |
| 17:1:4 | 94-8072 | 1 | Decal-Danger |
| 17:1:5 | 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 1/2 |

● Not serviced separately

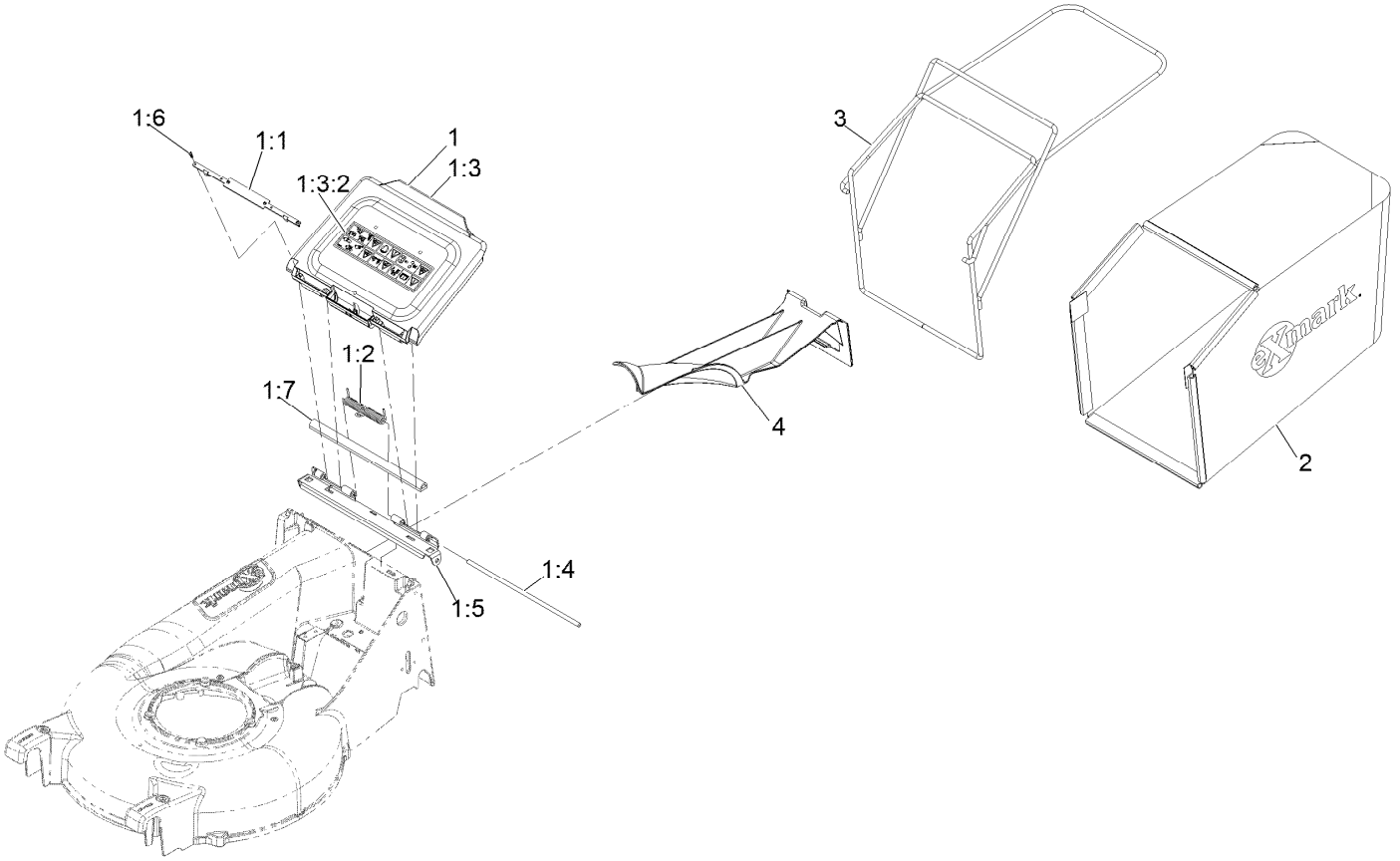
# Handle Assembly



# 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 | 142-8709-03 | 1 | Handlebar-Ec21 |
| 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 |

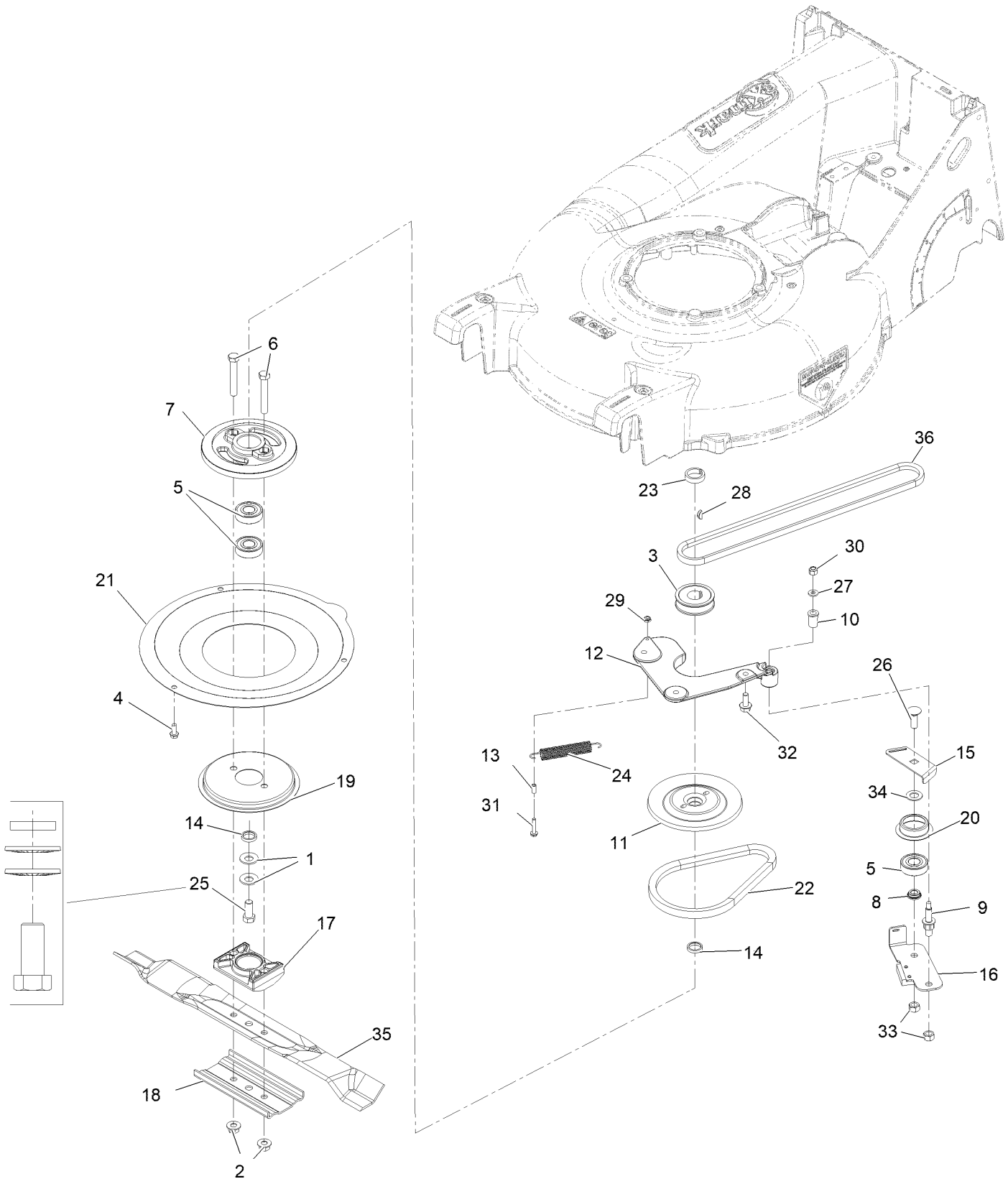
# Bag and Door Assembly



# 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-Grass Ec21 |
| 3 | 126-2631-03 | 1 | Wld-Bag Frame |
| 4 | 116-0251 | 1 | Plug,Mulch |

# Blade Assembly

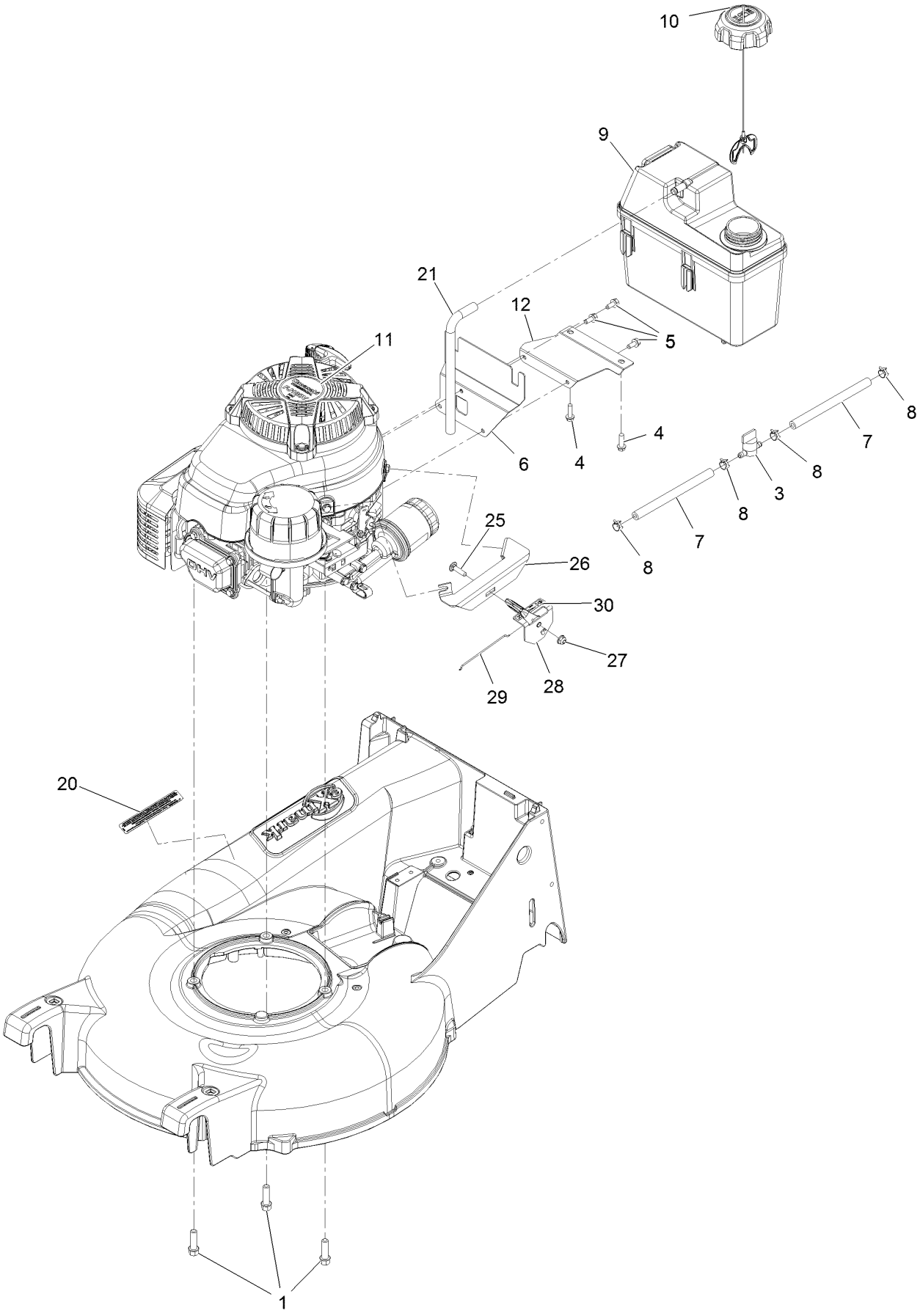


# Blade Assembly (continued)

| 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 | 116-5005 | 1 | Blade-Mulch, 20.5 ● |
| 35 | 133-8182 | 1 | Blade-21In ● |
| 35 | 133-8183 | 1 | Blade-21In, Recycling, STD ● |
| 35 | 135-0413 | 1 | Blade - Medium Lift, 20.5 |
| 36 | 109-7299 | 1 | Belt,3L P21 Drive |

● Optional Equipment
■ 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) _____

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**Beatrice, NE 68310**
**(402) 223-6300**

**Part No. 4506-368 Rev. A**
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