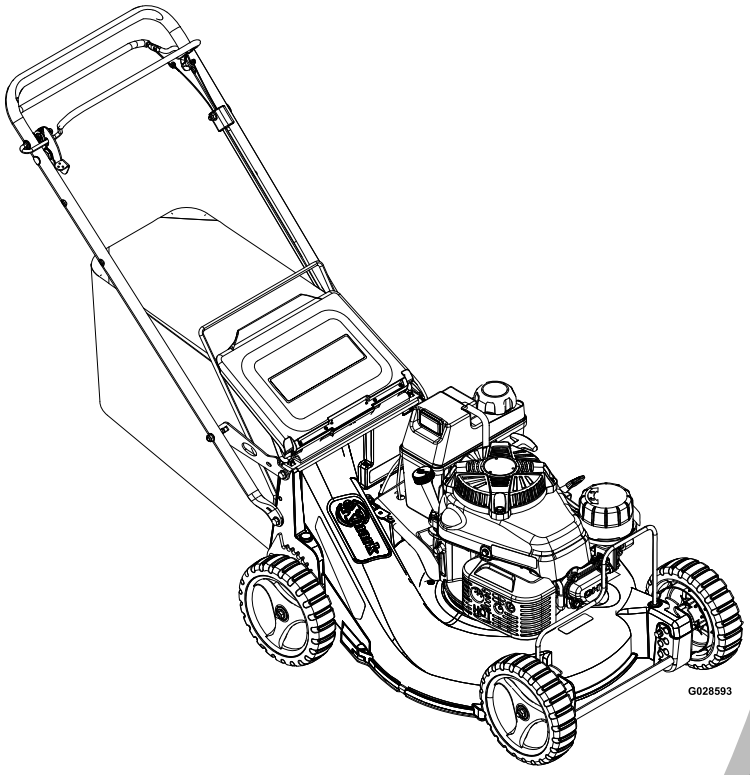
Parts Manual

COMMERCIAL 21

Model No. ECX180CKA210BC—Serial No. 402082300 and Up

Picture below may not reflect actual product.



Part No. 4503-499 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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Beatrice, NE 68310

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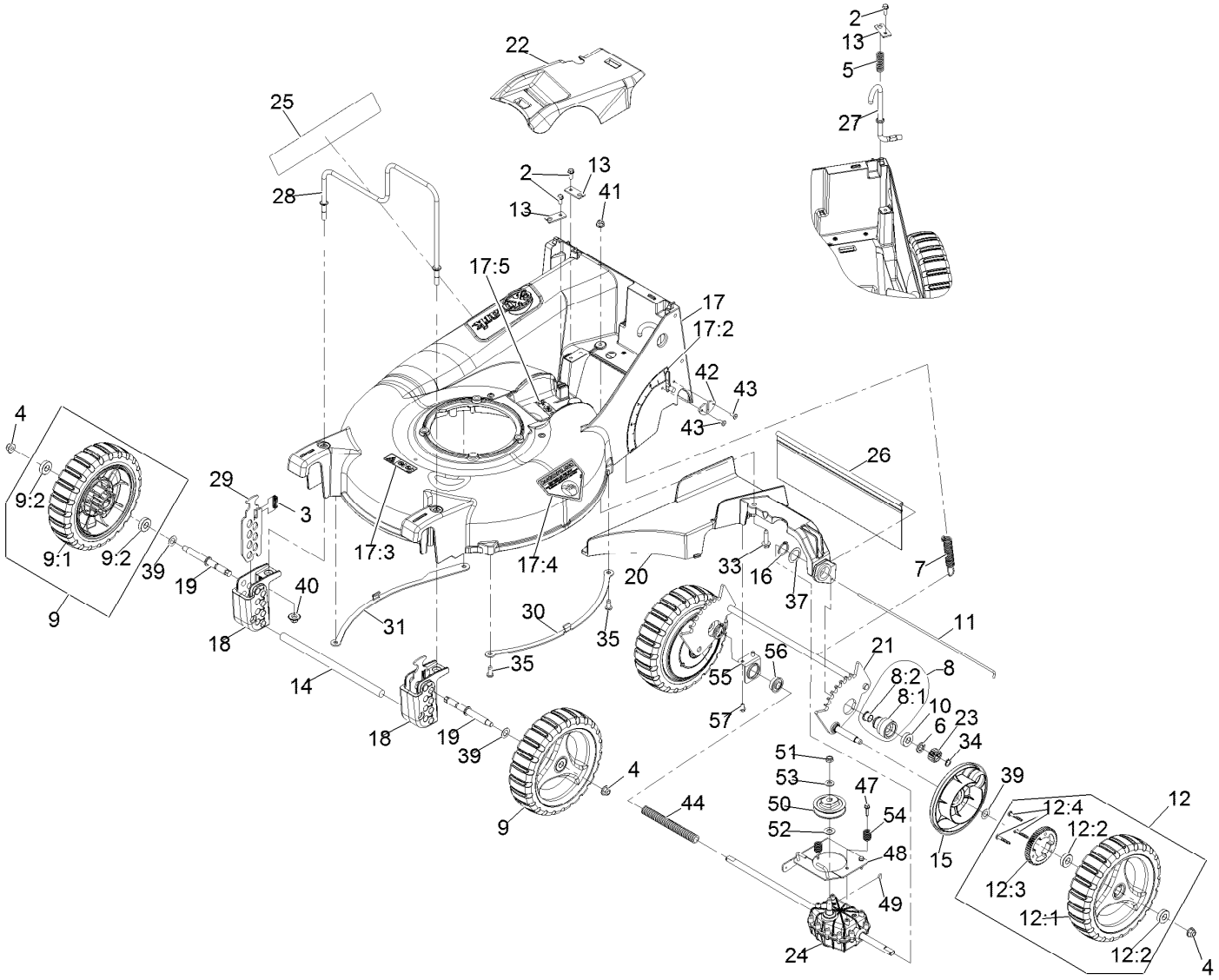


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

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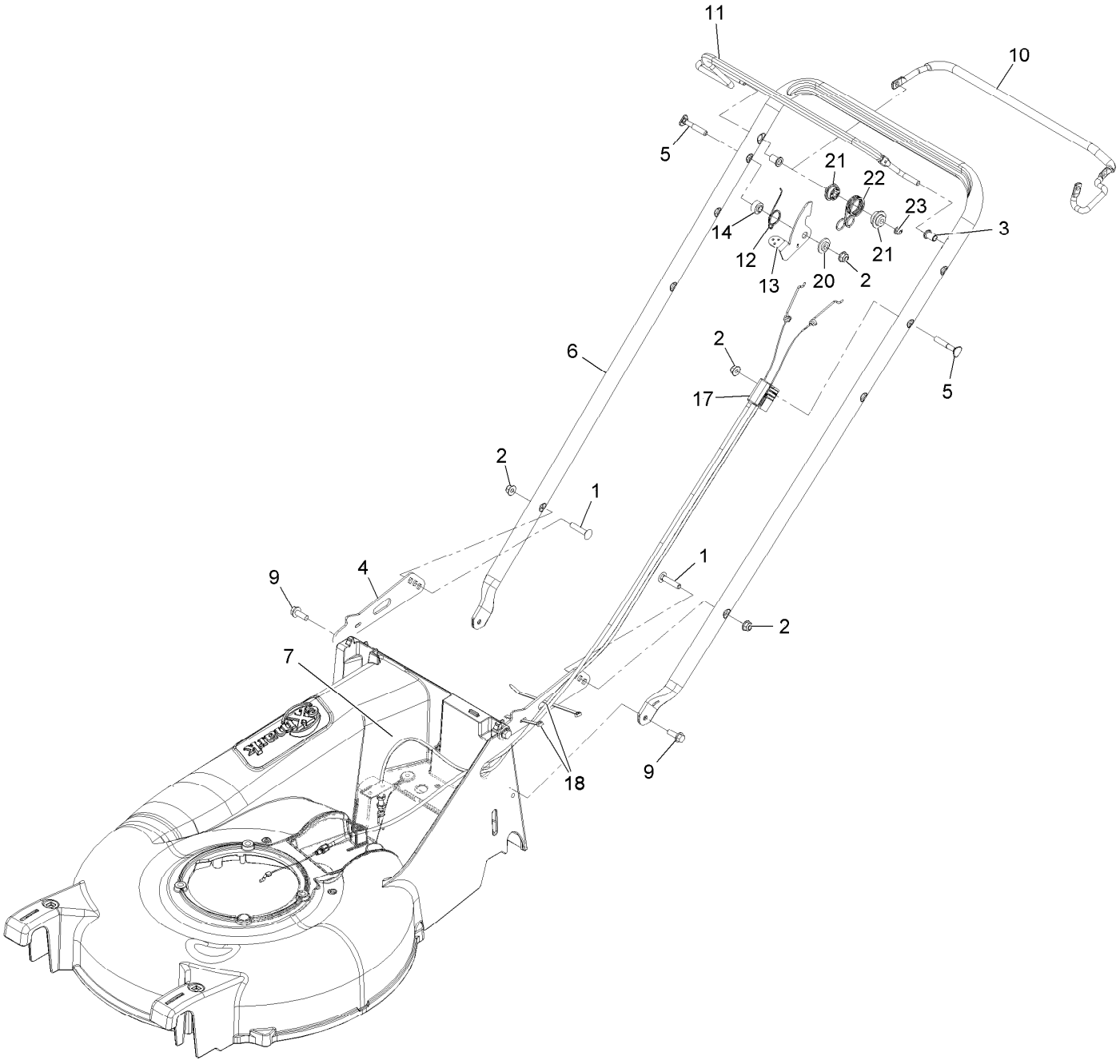
Drive and Wheel Assembly



Drive 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	120-7008	1	Mount-Bearing
56	104-8699	1	Bearing-Ball
57	9266714	2	Screw-HWH 1/4-20 X .50

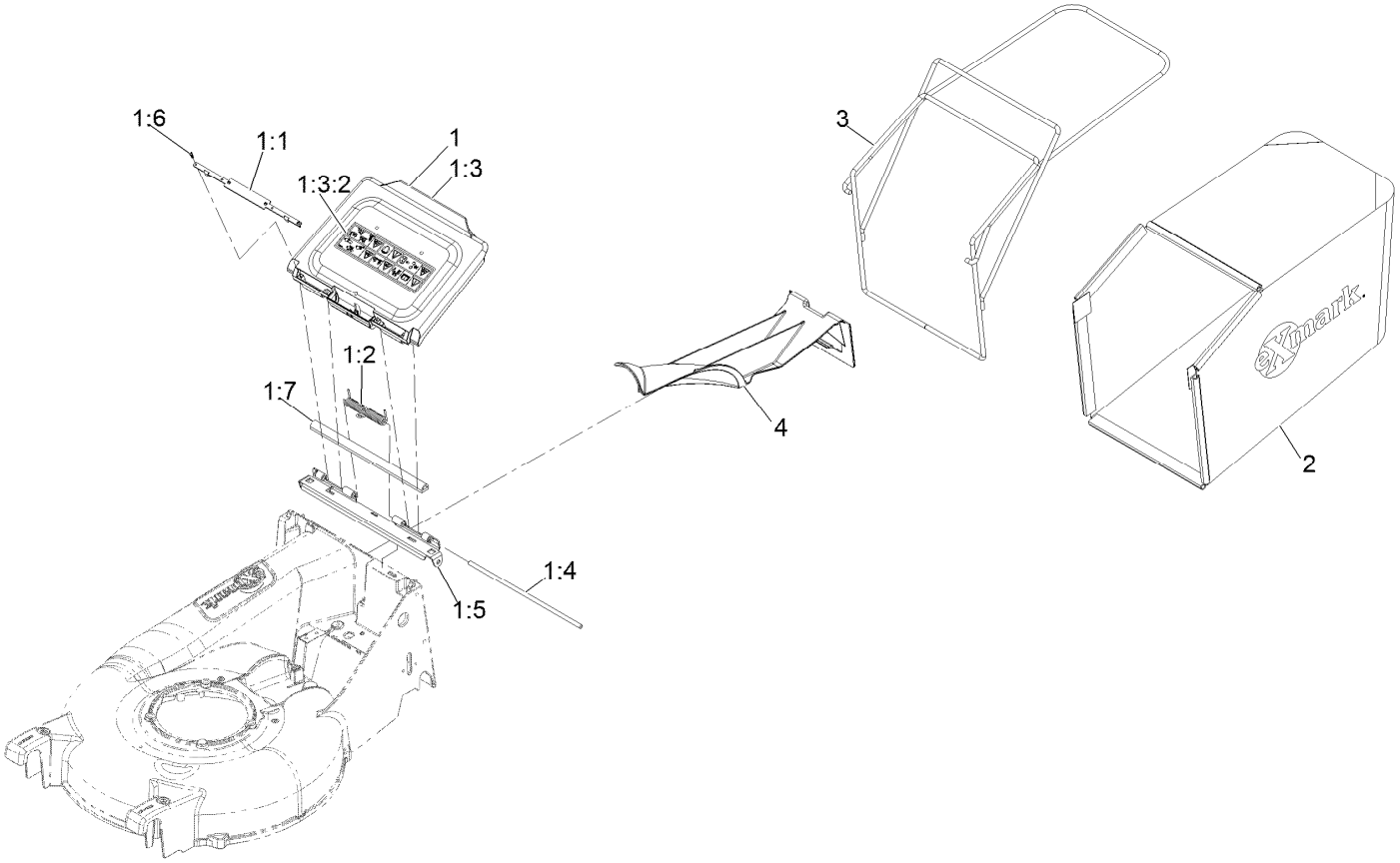
Handle Assembly



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

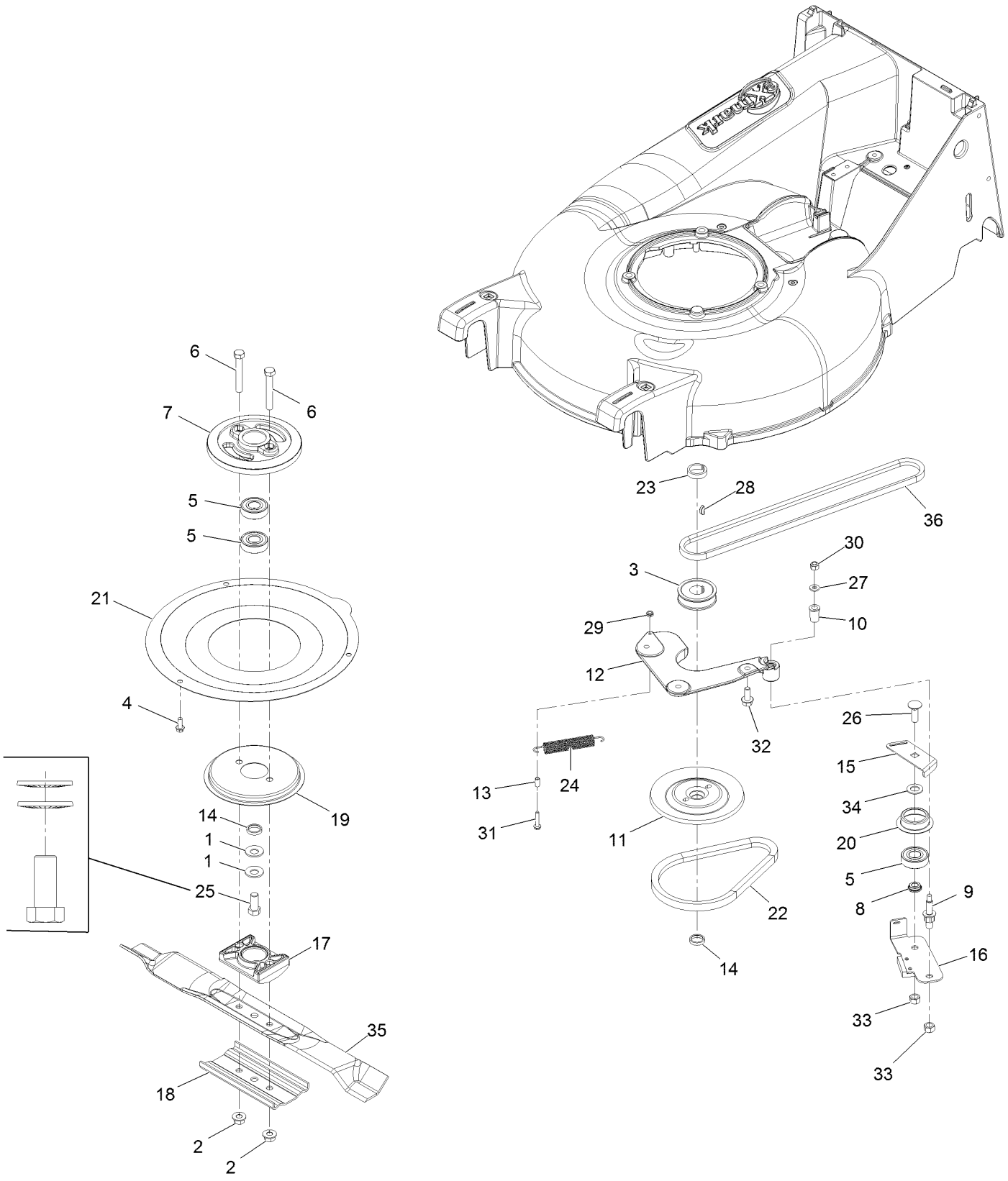
Bag and Door Assembly



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

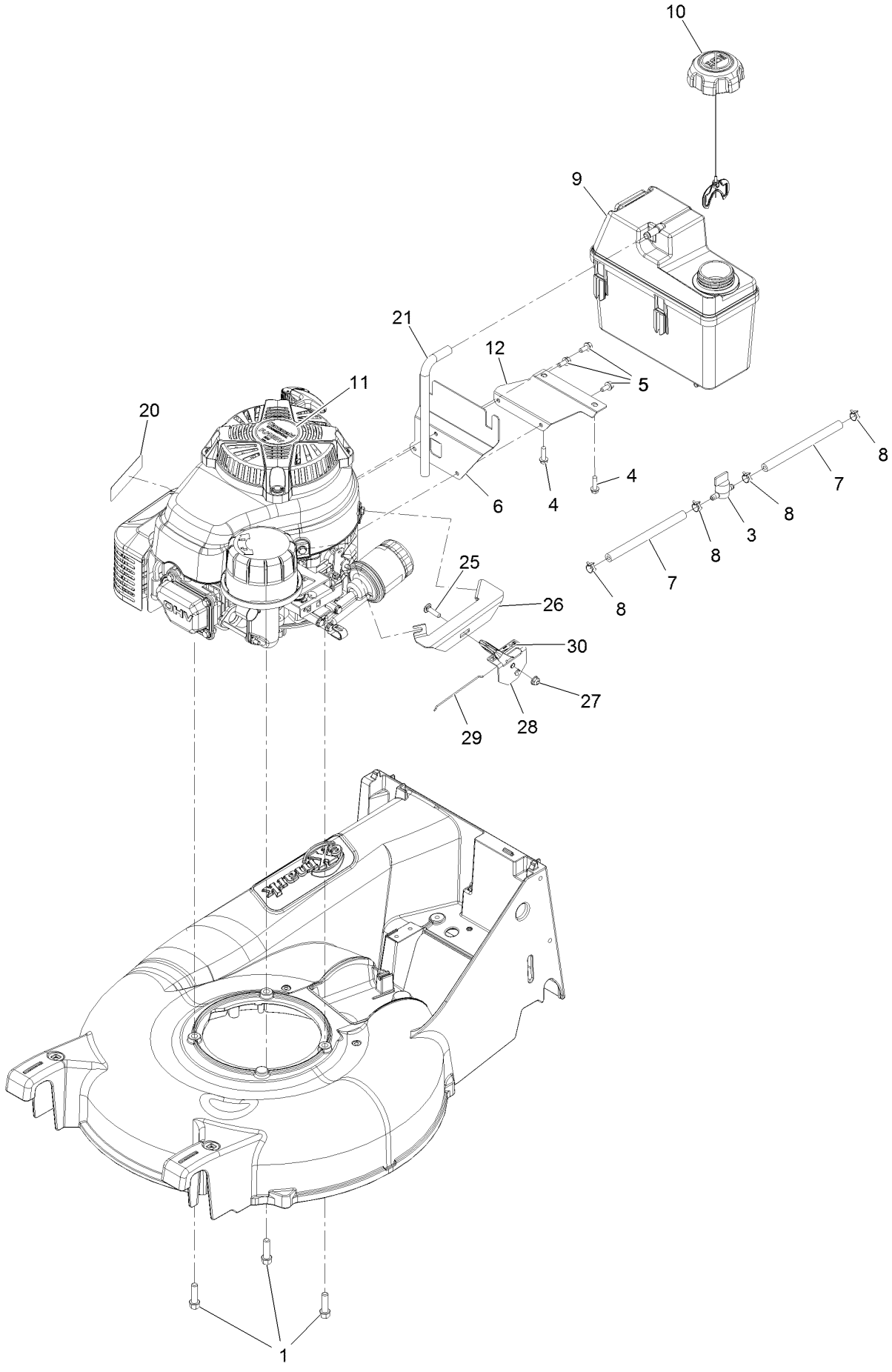


Blade Assembly (continued)

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	107-7471	1	Plate-Guide
16	125-1063	1	Plate-Brake
17	107-7487	1	Support-Blade
18	108-3766-03	1	Support-Blade
19	108-3787	1	Disc
20	108-3790	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	117-2718	1	Decal-Arrester, 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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