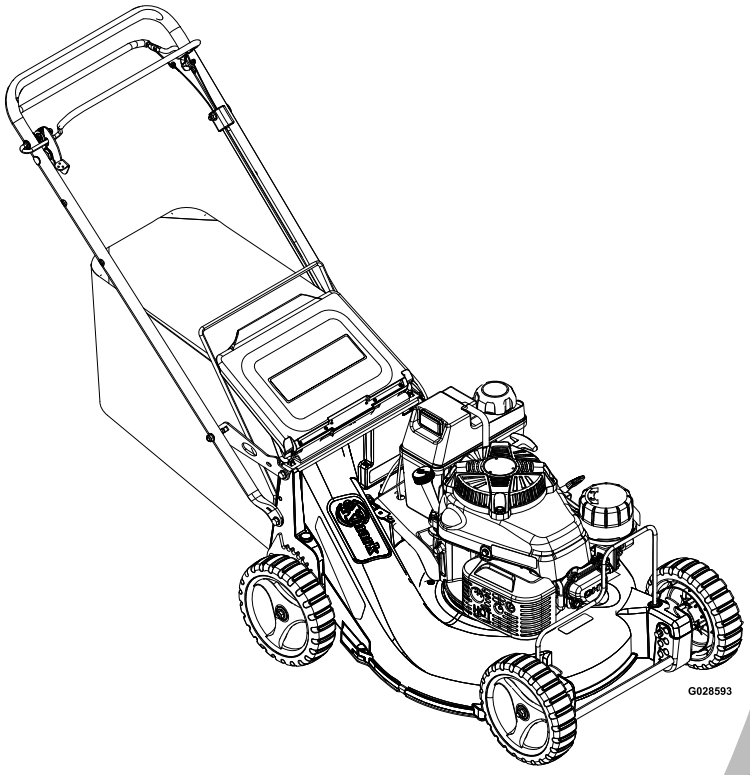
Parts Manual

COMMERCIAL 21

Model No. ECX180CKA210BC—Serial No. 315000000 and Up

Picture below may not reflect actual product.



Part No. 4502-335 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HP: high pressure

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

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).

© 2015—Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310

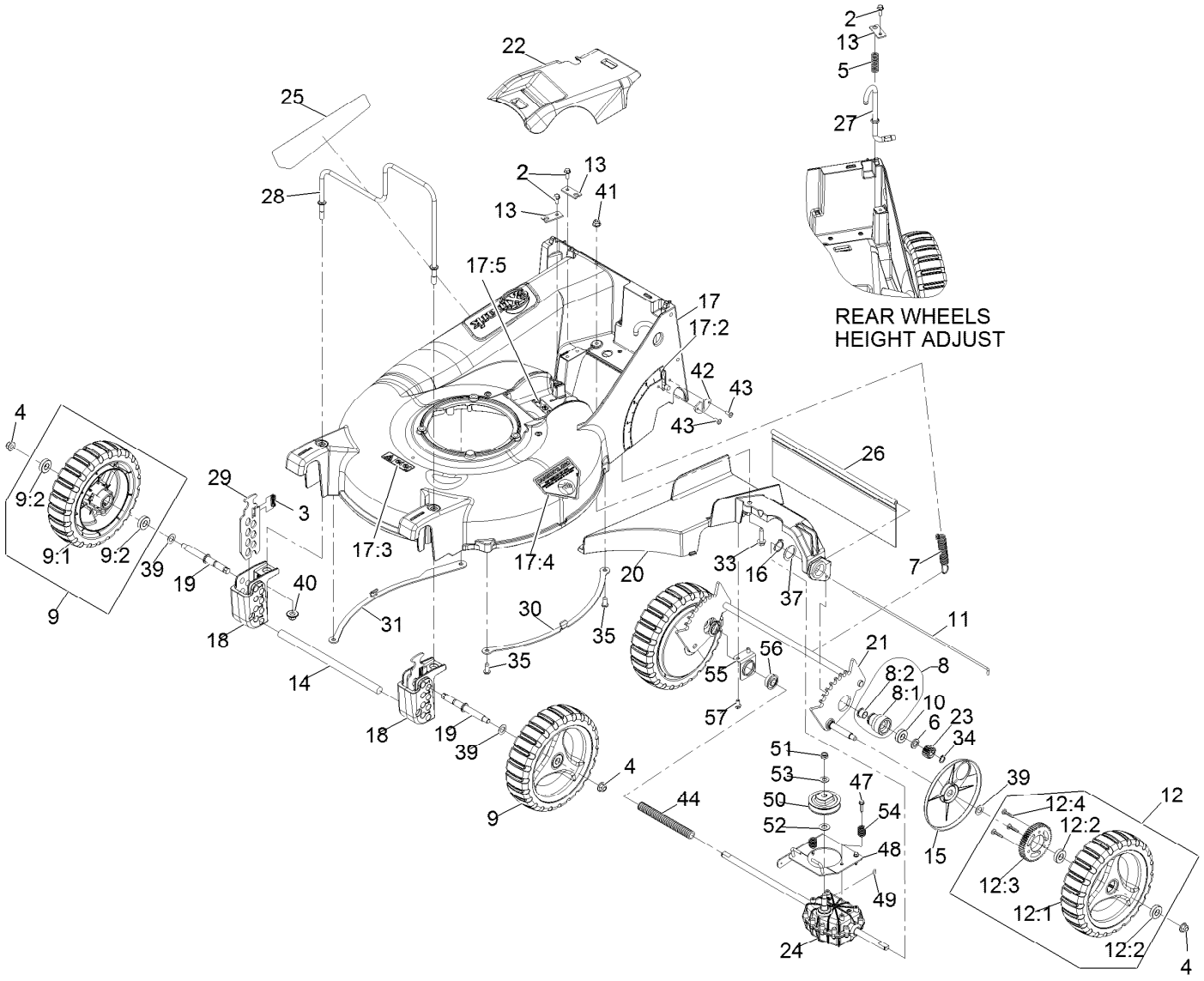
Contact us at www.Exmark.com.
Printed in the USA.
All Rights Reserved



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

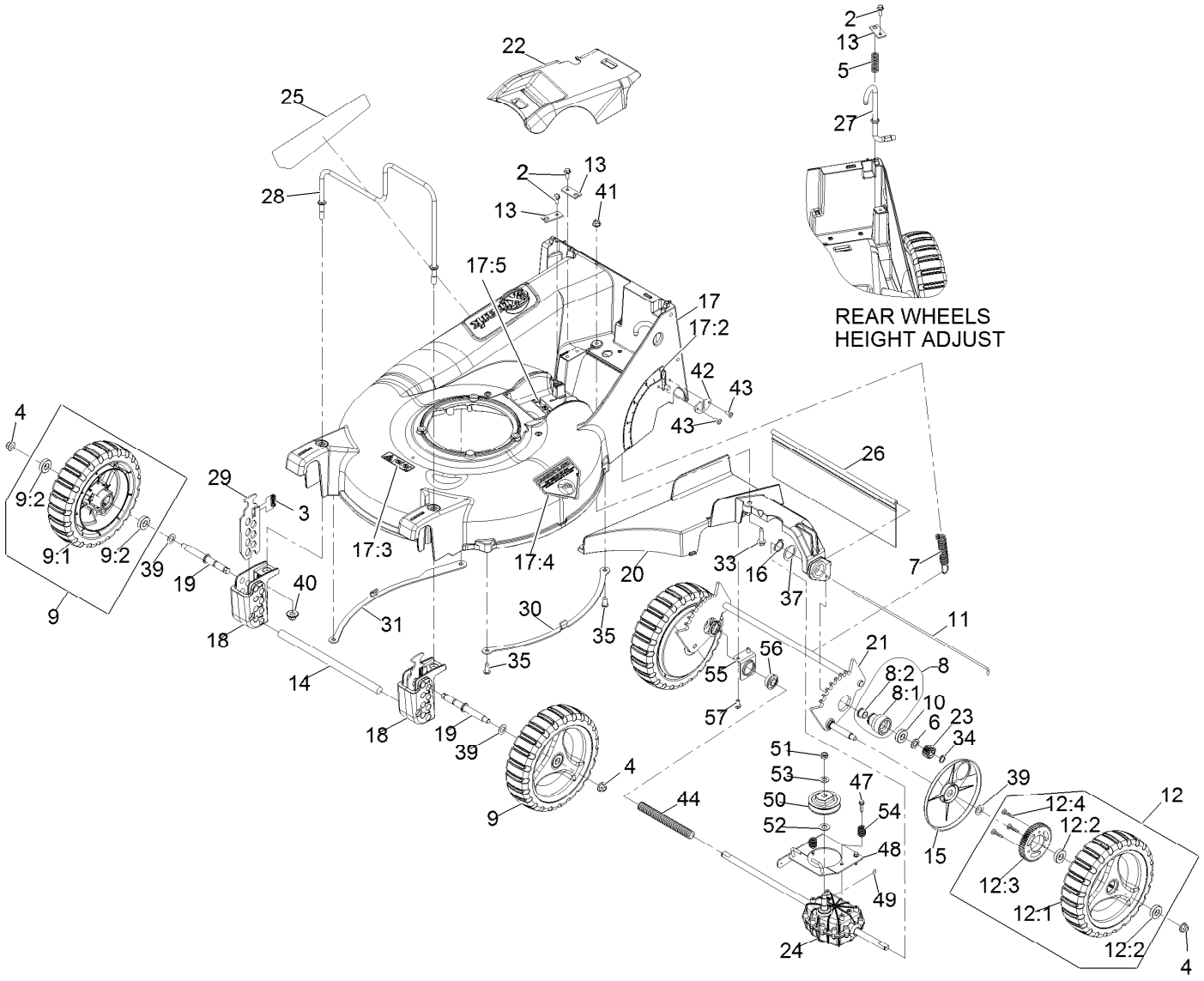
Deck and Wheel Assembly 4
Deck and Wheel Assembly 6
Bag and Door Assembly 7
Handle Assembly 8
Engine Assembly 9



Deck and Wheel Assembly

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	109-8016	2	Wheel And Tire ASM
9:1	109-8033	1	9-Inch Wheel ASM
9:2	109-8020	2	Bearing-Ball
10	109-8020	2	Bearing-Ball
11	109-8025	1	Rod,Shield
12	109-8032	2	ASM,Rear Wheel 9"
12:1	109-8033	1	9-Inch Wheel ASM
12:2	109-8020	2	Bearing-Ball
12:3	109-7264	1	Gear
12:4	27-6260	3	Screw-Drive
13	109-8441	3	Bracket,Mount
14	109-8454	1	Rod,Bumper

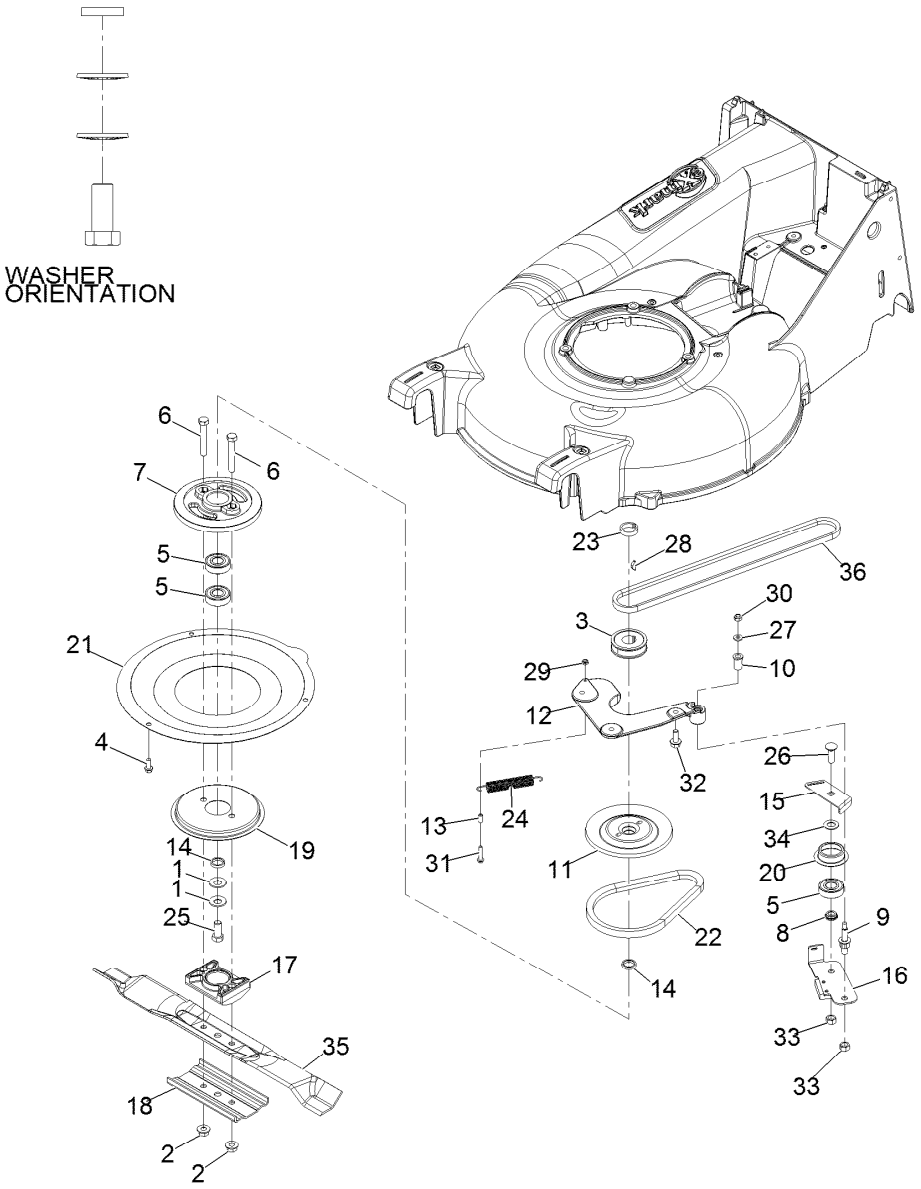
Ref.	Part Number	Qty.	Description
15	109-9287	2	Cover,Gear
16	32151-36	2	Ring-Retaining
17	116-2006	1	Deck W/Decals
17:2	116-1922	1	Decal-Height Of Cut
17:3	130-9670	1	Decal-Warning, Blade
17:4	94-8072	1	Decal-Danger
17:5	119-0217	1	Decal-Danger
18	109-9302	2	Block,Front Quadrant
19	116-0994	2	Axle-Wheel
20	116-9646-01	1	Bracket-Transmission And Chute
21	109-9312	1	Wld,Rear Axle P21
22	109-9324	1	Cover,Belt
23	110-9417	2	Gear-Pinion, 15T
24	116-9906	1	Transmission-HD, 4.5/1
25	116-4385	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



Deck and Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
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

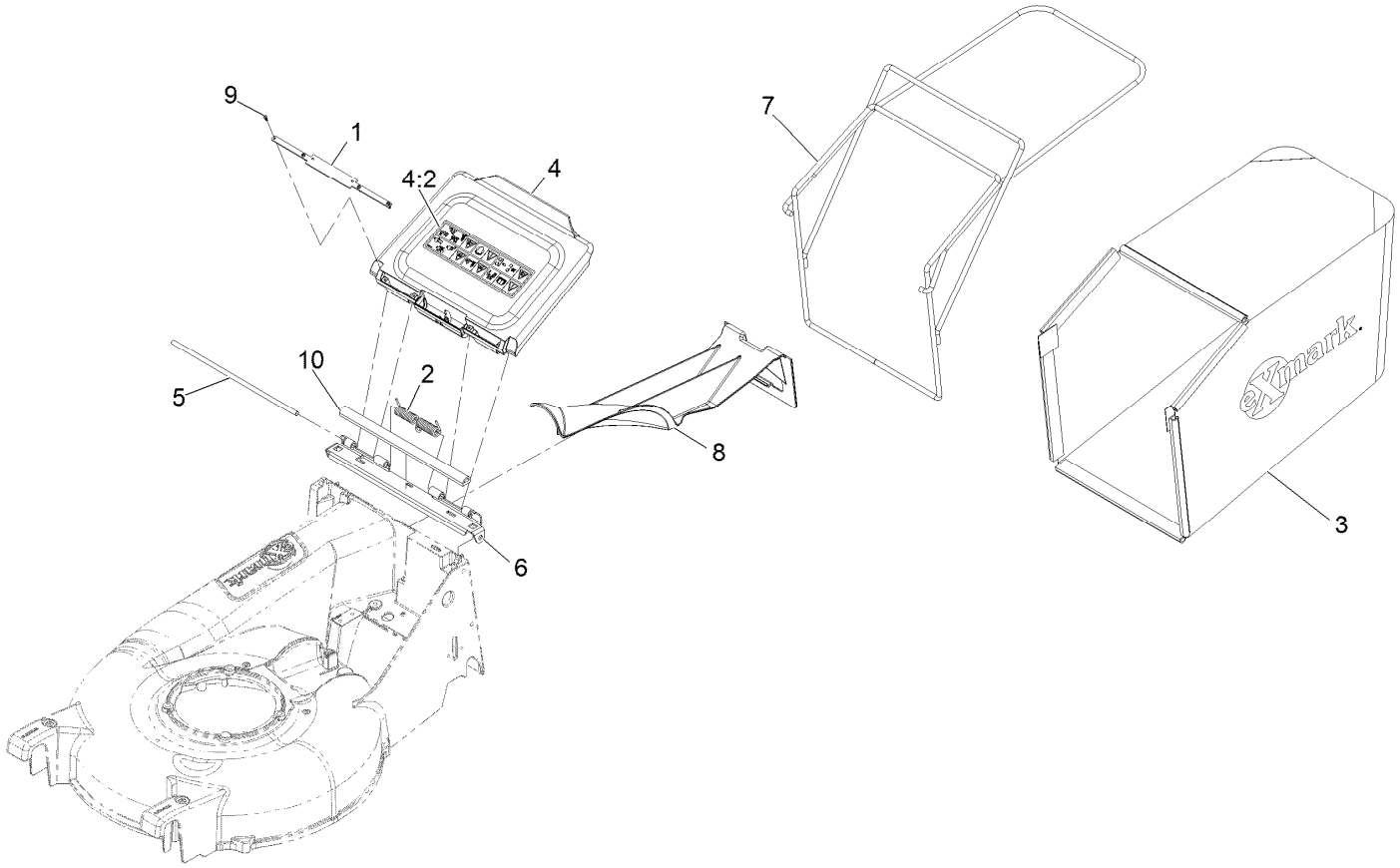
Ref.	Part Number	Qty.	Description
44	126-2335	1	Cover-Shaft-Drive
47	27-0220	3	Screw-Special
48	116-3539-03	1	Transmission Plate ASM
49	3257-1	1	Key-Woodruff 1/8 X 1/2
50	39-6740	1	Pulley
51	3296-5	1	Nut-Nyloc 3/8-24 Thin
52	36-4792	1	Washer-Thrust
53	3256-45	1	Washer-Flat
54	116-1438	2	Spring,Compression
55	120-7008	1	Mount-Bearing
56	104-8699	1	Bearing-Ball
57	9266714	2	Screw-HWH 1/4-20 X .50



Deck and Wheel Assembly

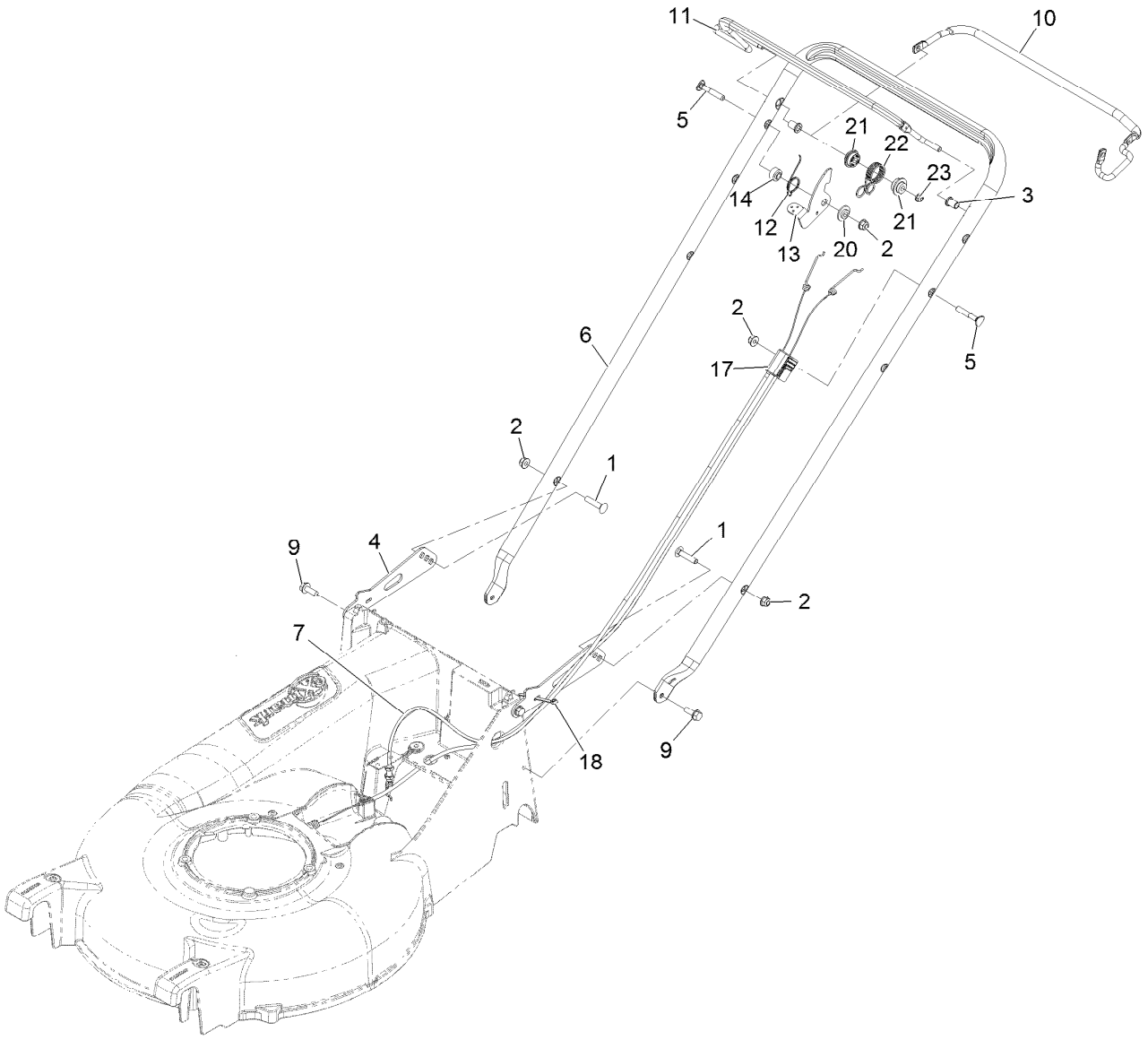
Ref.	Part Number	Qty.	Description
1	1-603610	2	Washer-Spring Disc 7/16
2	127-6852	2	Nut-Flange, Lock
3	56-6180	1	Pulley-Driver
4	32144-85	3	Screw-HWH 1/4-20 X .62
5	100-1048	3	Bearing-Ball
6	3211-42	2	Screw-HH 3/8-24 X 2 1/2
7	107-0754	1	Drum
8	107-0758	1	Spacer-Bearing
9	107-0759	1	Bolt-Shoulder
10	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-BBC
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	3257-17	1	Key-Woodruff 5/32 X 21/32
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	Washer-Plain
35	116-4500	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.



Bag and Door Assembly

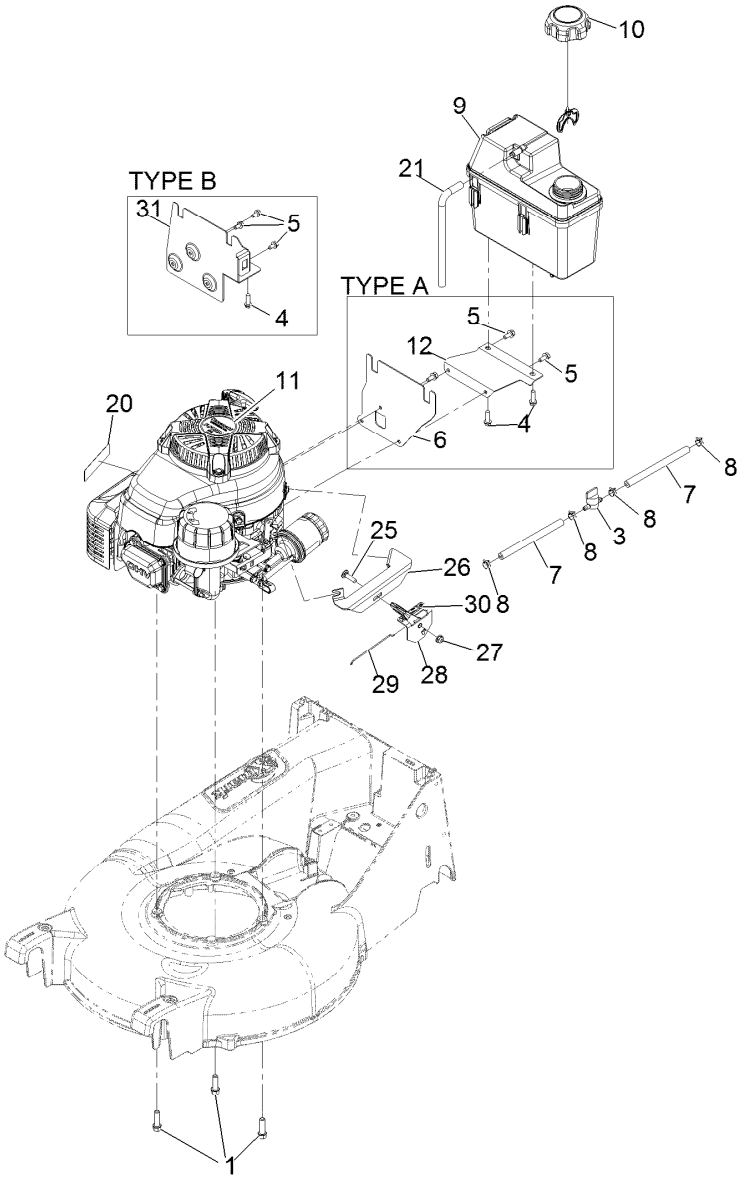
Ref.	*Part Number*	*Qty.*	*Description*
1	126-2628-03	1	Plate, Door Cover
2	126-2627	1	Spring-Plastic Door
3	126-2630	1	Bag-21 Grass
4	126-4200	1	ASM-Door & Decal
4:2	116-7583	1	Decal-Warning
5	126-2635	1	Pin-Door Pivot
6	126-2636-03	1	Bracket-Door Pivot
7	126-2631-03	1	Wld-Bag Frame
8	116-0251	1	Plug,Mulch
9	363-1596	4	Scr,TAP,6-19X7/16,Phph, Stl, Rohs
10	126-5438	1	Seal-Epdm Foam Bulb



Handle Assembly

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	116-9701	1	Cable, Drive
9	32144-41	4	Screw-HWH 3/8-16 X 7/8 Taptite
10	116-7907	1	Bail-Drive Coated

Ref.	Part Number	Qty.	Description
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	1	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



Engine Assembly

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	109-6776	1	Cap-Ratchet, Tethered

Ref.	Part Number	Qty.	Description
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
31	109-9291-03	1	Bracket,Fuel Tank

Notes:

EXMARK® MAINTENANCE

MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

4-CYCLE PREMIUM ENGINE OIL
Part No. 116-3373

Both SAE 30 and SAE 10W-30 in one bottle.

Contains increased levels of zinc and phosphorus for better lubricity.

No Viscosity Index Improvers that tend to shear down in high heat.

Synthetic formulation.

Gas & Diesel compatible.

Anti-corrosion additives.

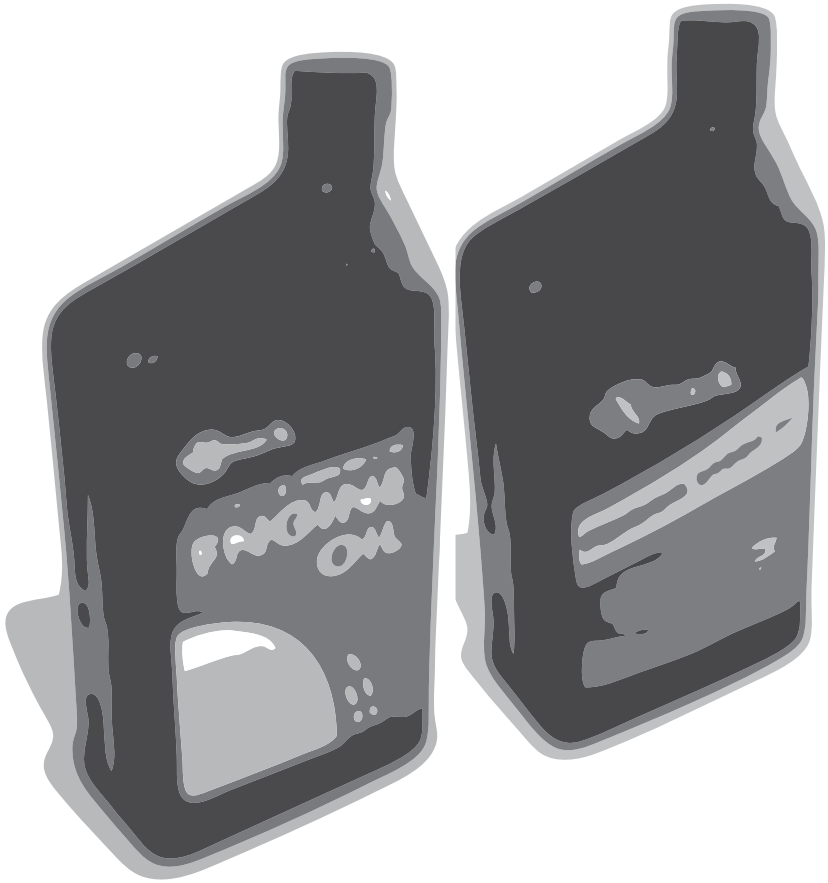
API 'SL' and JASO rated with wet clutch compatibility for other machines.

PREMIUM HYDRO OIL
Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

Superior shear resistance under heavy loads.



Available from your local Exmark dealer. Find your closest dealer at exmark.com

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) _____

© 2015 Exmark Mfg. Co., Inc.
All Rights Reserved

Industrial Park Box 808
Beatrice, NE 68310
(402) 223-6300
Fax (402) 223-5489

Part No. 4502-335 Rev. A
Printed in the USA.





www.exmark.com