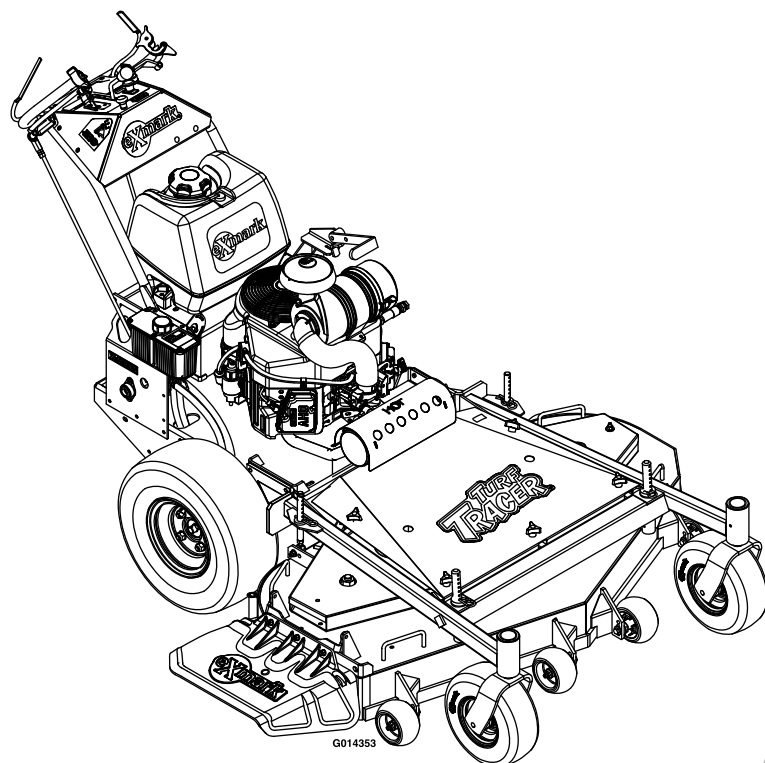




FMD524

Model No. FMD524—Serial No. 920000 and Up



Parts Manual

Part No. 4500-703 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

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: Liquid Propane

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).

EXMARK PARTS PLUS

PARTS
OVERNIGHT
OR *FREE**

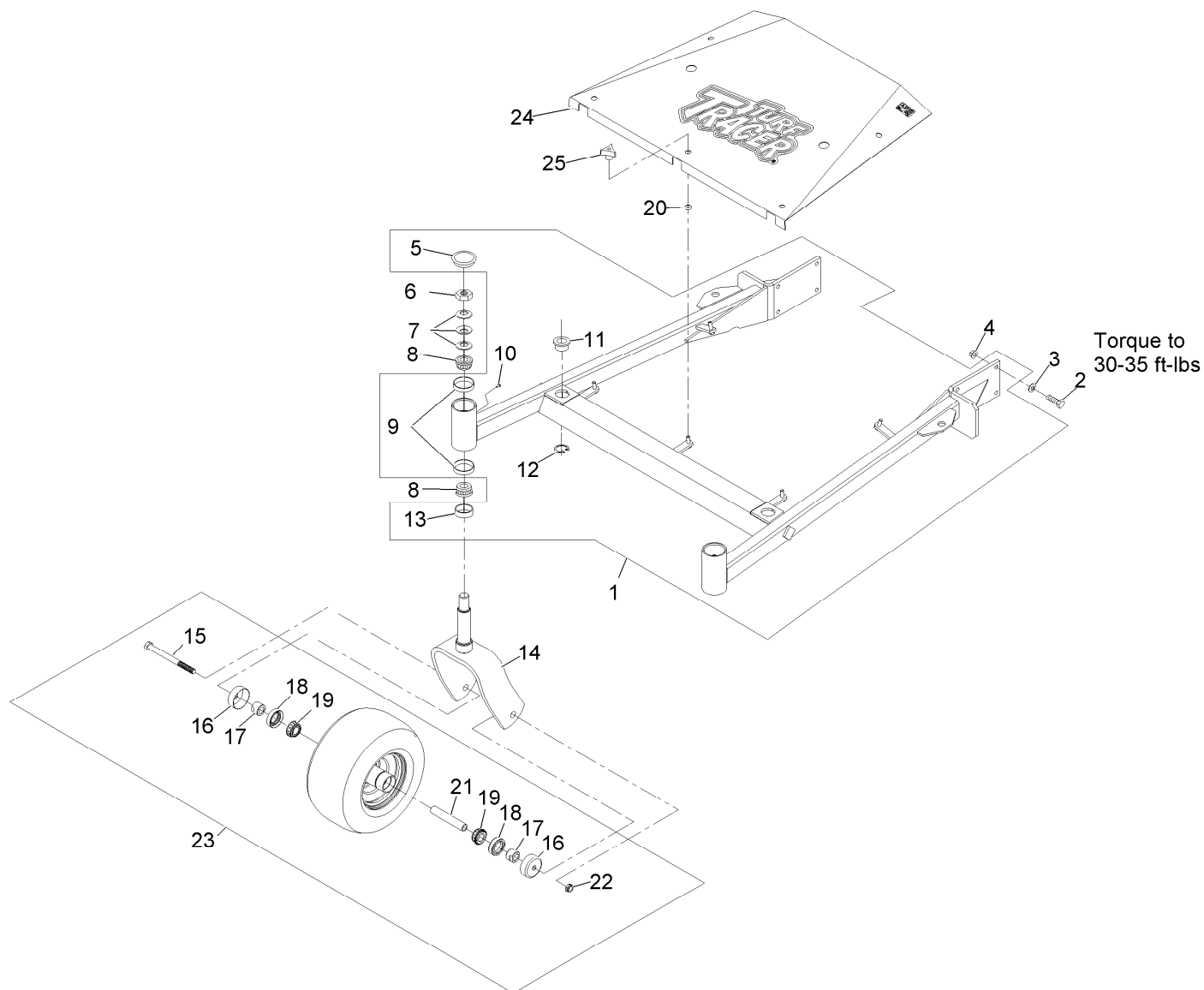
If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

Contents

Deck Support Assembly 5

Deck Assembly..... 6

Decals 8

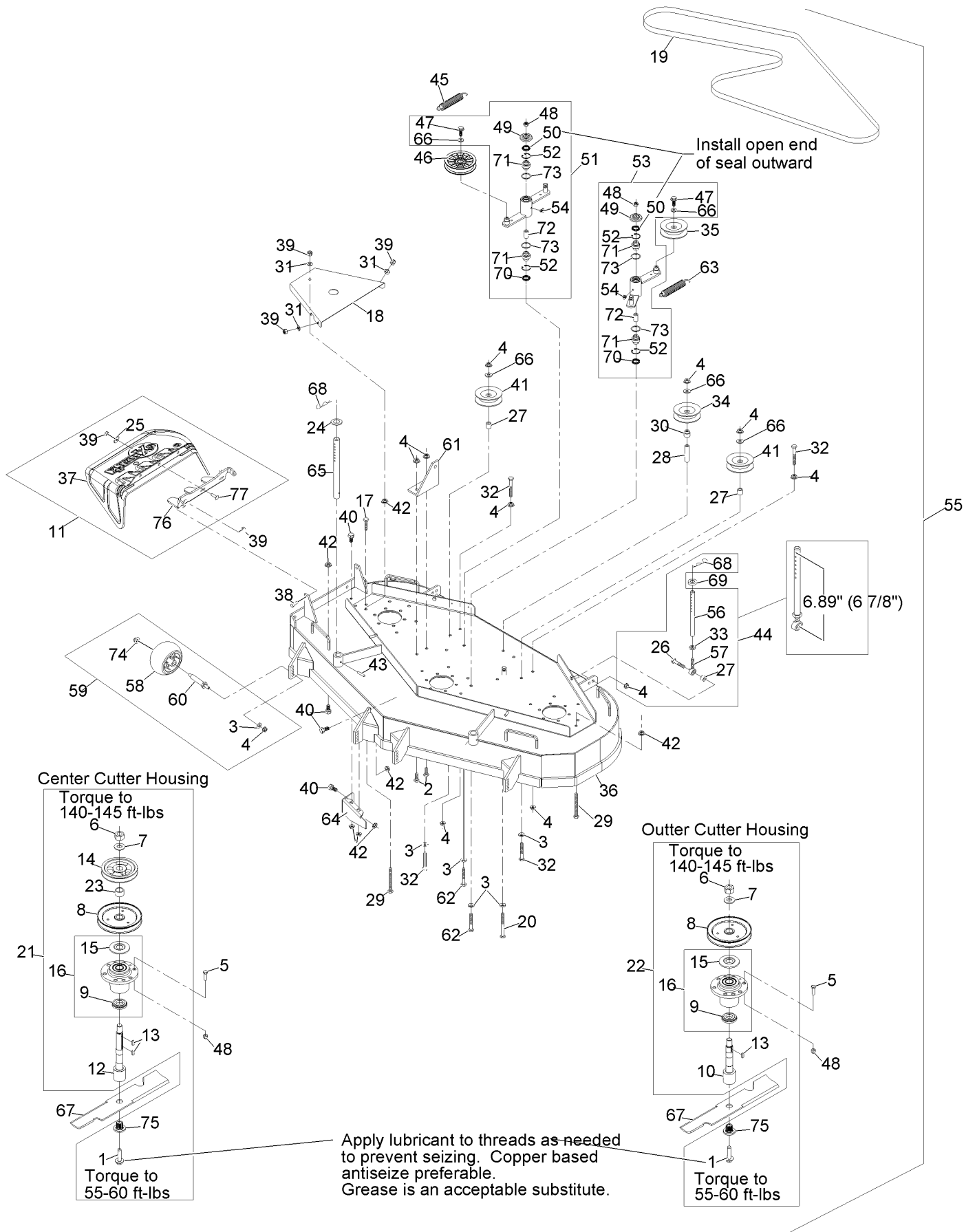


Deck Support Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	103-1895	1	Support, Deck (103-4959-01) (52")	14	103-1891-01	2	Wld, Caster Fork
2	323-7	8	Screw-HH 3/8-16 X 1 1/4	15	325-20	2	Screw-HH 1/2-13 X 6
3	98-5975	8	Washer-Spring Disc 3/8	16	103-2768	4	Guard-Seal
4	3290-357	8	Nut-Whizlock 3/8-16	17	103-3051	4	Spacer-Nut ●
5	103-4882	2	Cap-Grease	18	103-0063	4	Seal-Double Lip
6	3296-51	2	Nut-Nyloc 3/4-10	19	1-633585	4	Bearing-Cone Tapered Roller
7	1-633508	6	Washer-Spring Disc	20	1-323417	5	Washer-Belt Shield
8	1-543509	4	Cone-Bearing Tapered Roller	21	103-3157	2	Axle-Caster
9	1-543508	4	Cup-Bearing Tapered Roller	22	3296-45	2	Nut-Nyloc 1/2-13 Thin
10	1-811010	2	Plug	23	109-3524	2	Asm, Wheel & Tire With Axle
11	1-513336	2	Bushing-Deck	24	116-2708	1	Shield, Belt (103-2319-01) W/Decal (52")
12	32120-33	2	Ring-Retaining	25	1-323385	5	Knob-3 Prong
13	1-543511	2	Seal-Grease				

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

Deck Assembly



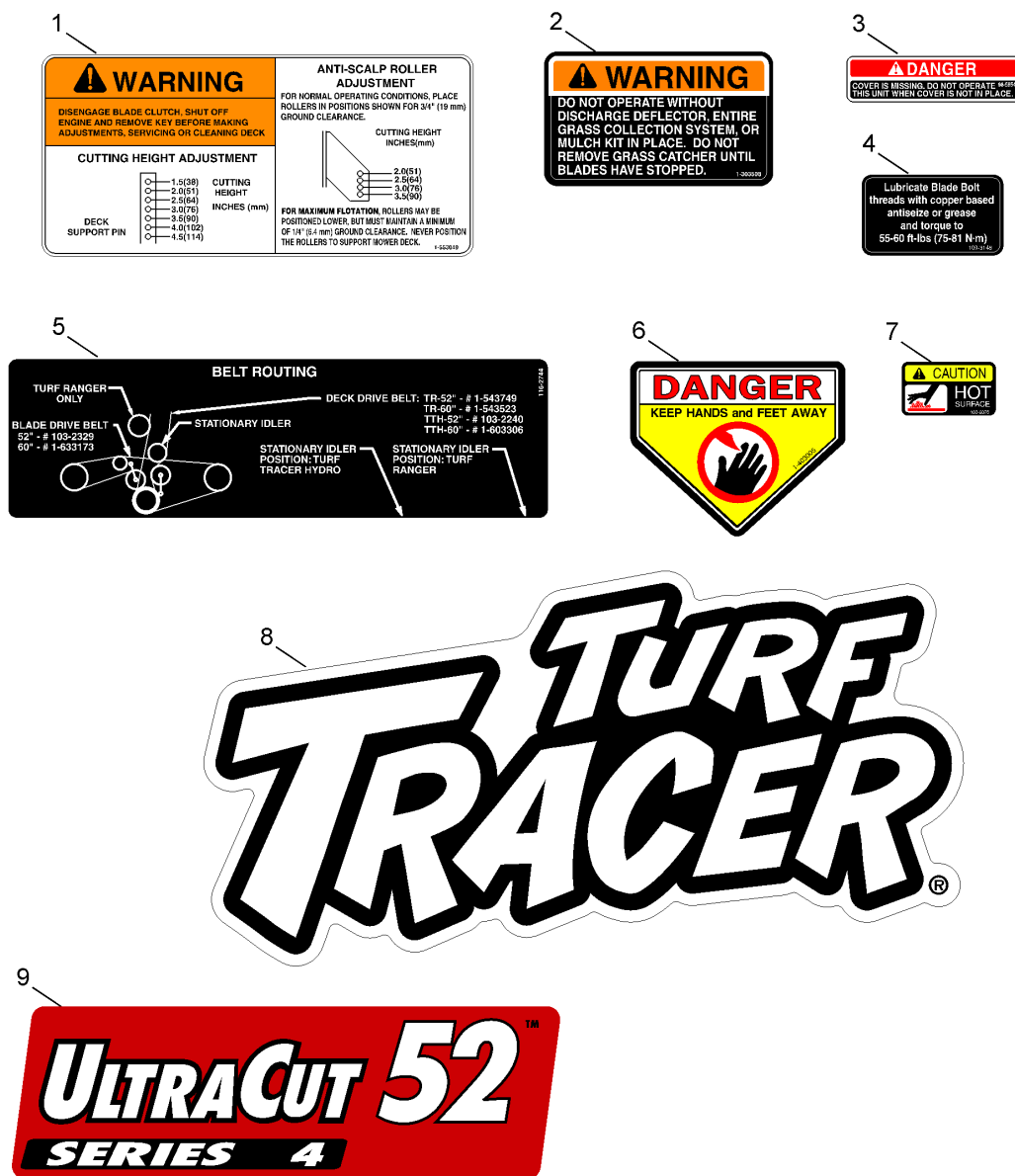
Deck Assembly (continued)

<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	109-5958	3	Screw-Hex Flange 1/2-20	40	322-2	5	Screw-HH 5/16-18 X 5/8
2	323-6	2	Screw-HH 3/8-16 X 1	41	1-303516	2	Pulley, V-Idler
3	98-5975	9	Washer-Spring Disc 3/8	42	32128-20	8	Nut-Whizlock 5/16-18
4	3290-357	15	Nut-Whizlock 3/8-16	43	1-806332	2	Rollpin 1/4 X 1 1/2
5	323-7	18	Screw-HH 3/8-16 X 1 1/4	44	1-411532	2	Kit, Support Link W/Pin
6	3217-46	3	Nut-Hex 3/4-16 Heavy	45	1-603413	1	Spring-Extension
7	103-2802	3	Washer-Spring Disc 3/4	46	109-4077	1	Pulley, Idler
8	103-2794	3	Sheave, Blade Drive ▲	47	3234-11	2	Screw-HH Flg 3/8-16 X 1
9	103-2535	3	Spacer-Guard Bottom	48	3296-39	20	Nut-Nyloc 3/8-16
10	103-9086	2	Kit, Splined Spindle 103-3036 ▲	49	103-2916	2	Guard-Top
11	109-4722	1	Asm, Discharge Chute	50	103-3506	2	Seal-Single Lip
12	103-9087	1	Kit, Center Blade Spindle (Long) ▲	51	103-8072	1	Kit, Idler Arm W/Bearings ●
13	103-2982	4	Key-Machine 1/4 X 3/16 X 3/4	52	32120-10	4	Ring-Retaining
14	103-2793	1	Sheave, Mower Drive ▲	53	103-8071	1	Kit, Idler Arm W/Bearings ●
15	103-1330	3	Guard-Bearing Top ▲	54	302-40	2	Zerk-90° 1/4-28
16	103-8280	3	Kit, Cutter Housing ▲	55	103-2327	1	Asm, Complete Deck
17	322-3	1	Screw-HH 5/16-18 X 3/4	56	1-413525	2	Link, Rear Deck Support
18	103-2969-01	2	Cover, Deck	57	1-613204	2	Balljoint
19	103-2329	1	Belt, Blade Drive	58	1-603299	4	Roller-Scalp, Anti
20	323-23	1	Screw-HH 3/8-16 X 4-1/2	59	103-4051	4	Kit, Anti Scalp
21	103-9084	1	Housing, Cutter Complete (Center)	60	99-2842	4	Spacer
22	103-9076	2	Housing, Cutter Complete (Outer)	61	1-603620-01	1	Bracket, Spring Anchor
23	103-3209	1	Spacer, Tube	62	98-5961	2	Screw-HH 3/8-16 X 4 Gr8
24	1-413425	2	Spacer	63	1-603414	1	Spring-Extension
25	3256-82	3	Washer	64	116-2072-01	1	Baffle
26	323-9	2	Screw-HH 3/8-16 X 1 3/4	65	1-603001	2	Rod, Deck Support
27	1-603050	4	Spacer	66	3256-24	5	Washer-3/8 Sae
28	1-633988	1	Spacer-Anchor, Clutch	67	103-6402	3	Blade-Notched
29	1-800017	2	Bolt-HH 5/16-18 X 3 1/4 Tap	67	103-6382	3	Blade, Solid
30	1-513791	1	Bushing	67	103-6387	3	Blade, Low Lift
31	3256-3	6	Washer-5/16 Std	67	103-6392	3	Blade, Mulching ■
32	323-12	4	Screw-HH 3/8-16 X 2 1/2	67	103-6397	3	Blade, Extreme
33	3220-3	2	Nut-Jam 3/8-24	68	1-806009	4	Hairpin-Cotter #206
34	1-603805	1	Pulley-Idler	69	1-323539	2	Spacer-Blade Drive
35	1-613098	1	Pulley-Idler	70	103-3505	2	Seal-Double Lip
36	109-4652	1	Deck, (116-3587-01) W/ Decals	71	103-3504	4	Bearing-Spherical
37	109-2738	1	Chute,Discharge	72	1-413088	2	Spacer
38	322-5	2	Screw-HH 5/16-18 X 1	73	106-7159	4	O-Ring
39	3296-29	8	Nut-Nyloc 5/16-18	74	109-6658	4	Nut-Nyloc 3/8-16 Flg
				75	103-3037	3	Bushing,Splined
				76	109-4573-01	1	Bracket, Discharge Chute
				77	3230-22	3	Bolt-Carriage 5/16-18 X 1 Sp

● Assembly also includes Washer and Screw

■ Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.

▲ Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize). See operator s manual for locations.



Decals

Ref.	Part Number	Qty.	Description
1	1-553049	1	Decal-Anti Scalp
2	1-303508	1	Decal-Warning, Discharge
3	98-5954	3	Decal-Cover, Missing
4	109-3148	1	Decal,Bolt Torque
5	116-2744	1	Decal-Belt Routing
6	1-403005	2	Decal-Danger
7	103-2076	1	Decal-Caution
8	103-3013	1	Decal-Turf Tracer
9	116-0034	1	Decal-Ultracut 52 Series 4
99	103-5828	1	Kit-Decal •

• Not illustrated

Notes:

Notes:

Notes:

SEE EXMARK'S COMPLETE LINE OF ACCESSORIES AND OPTIONS

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

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

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) _____

© 2010 Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310
All Rights Reserved

Part No. 4500-703 Rev. A
(402) 223-6300
Fax (402) 223-5489
Printed in the USA.

