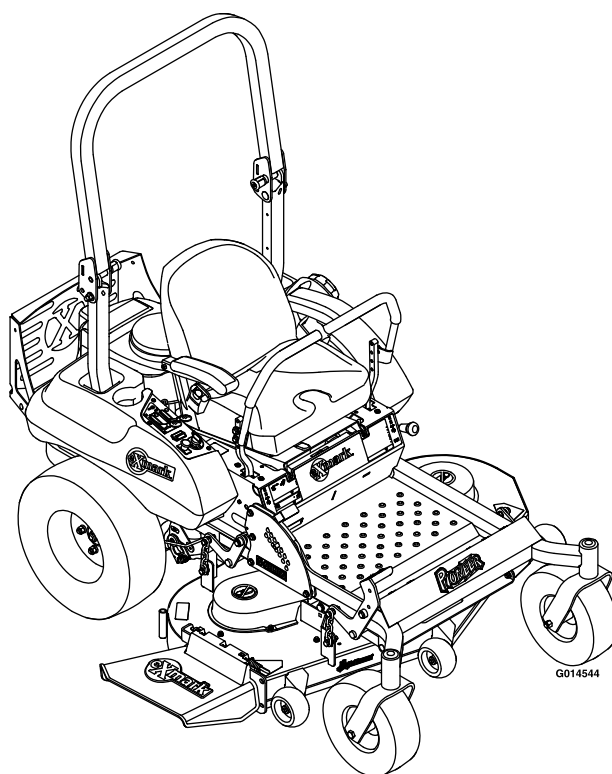




PIONEER E-SERIES

Model No. PNE24KA522—Serial No. 920000 and Up

Picture below may not reflect actual product.



Parts Manual

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

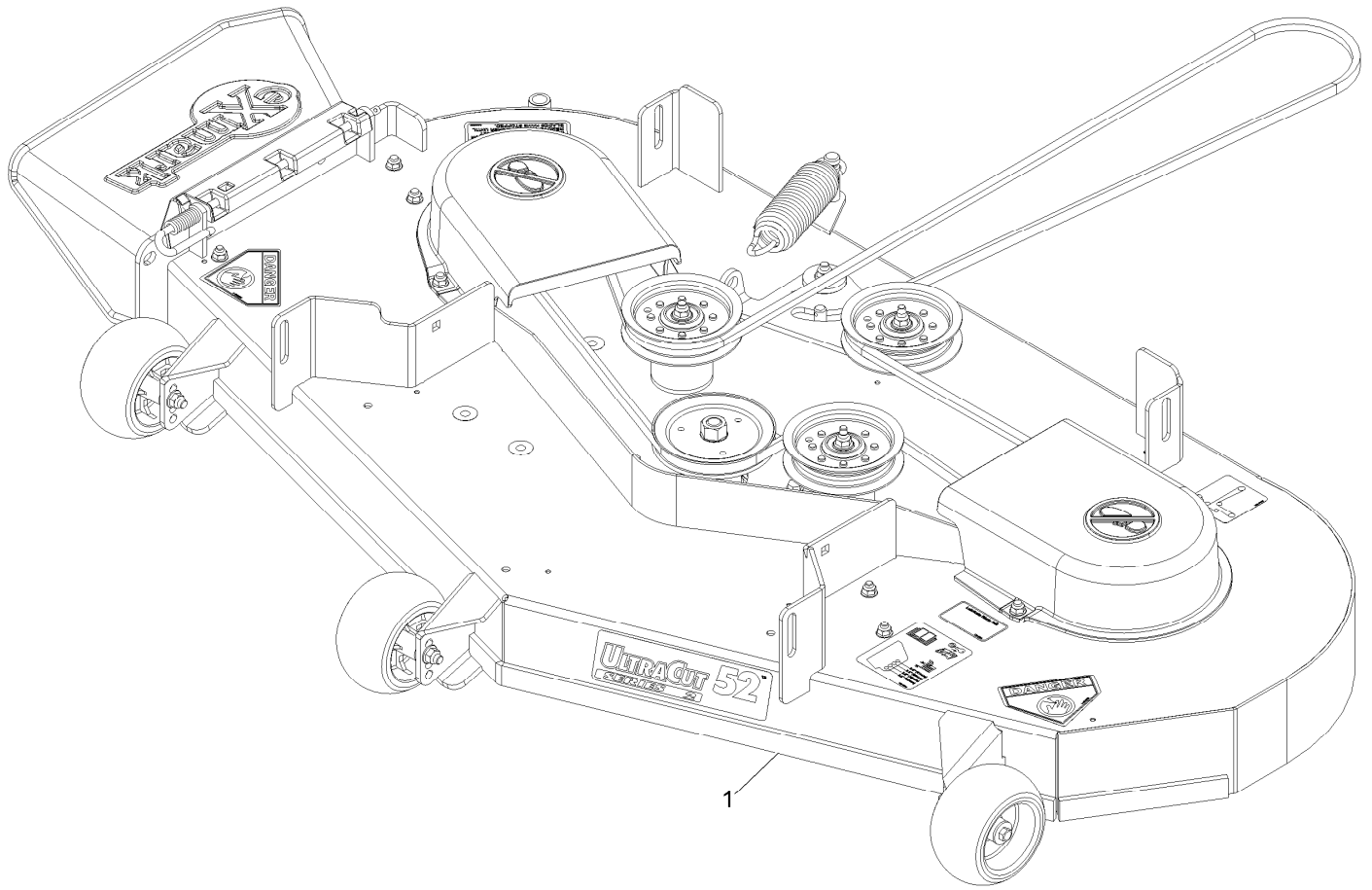
OVERNIGHT

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.)

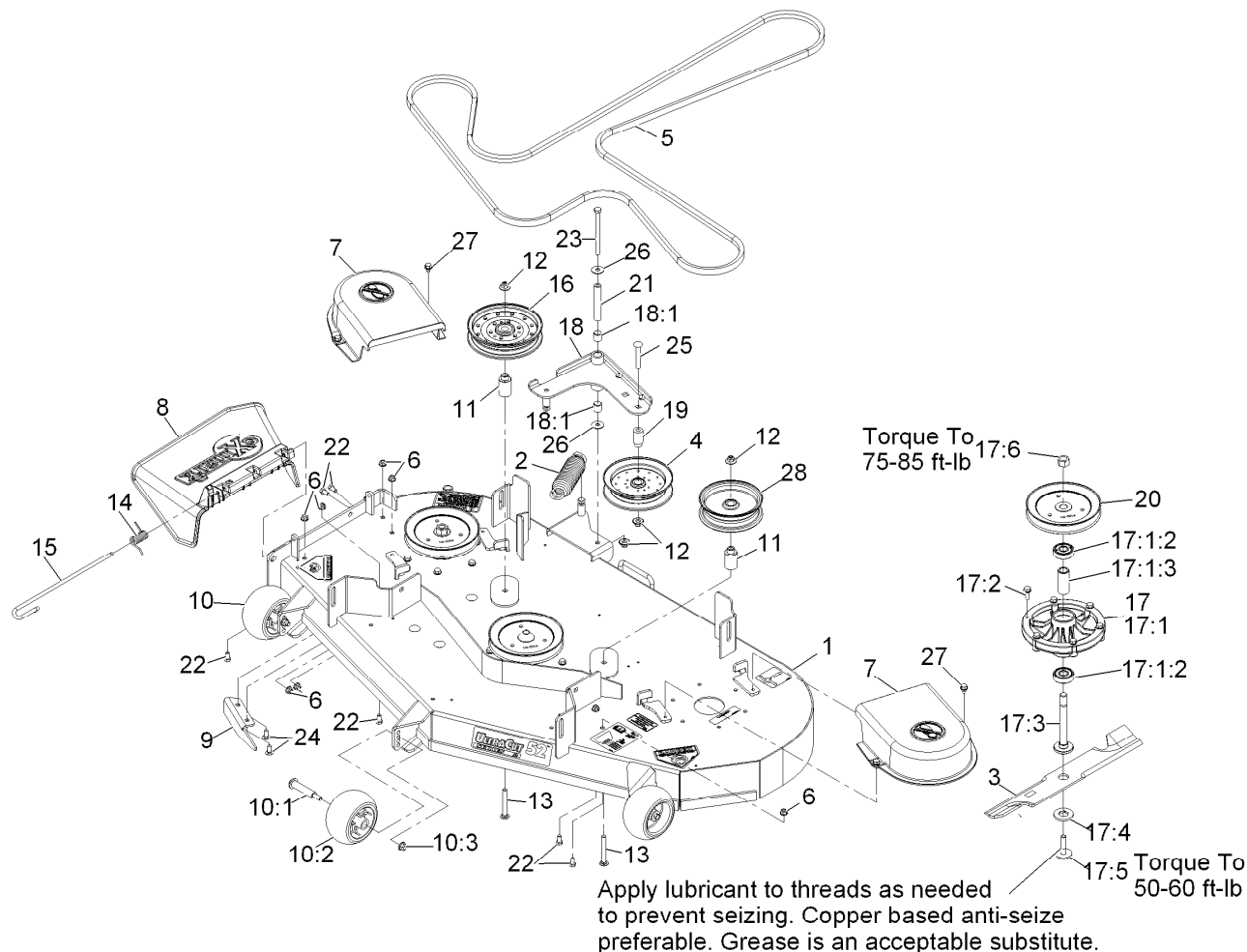
Contents

Complete Deck Assembly No. 116-4809	5
Deck Assembly	6
Deck W/Decals Assembly No. 116-5048	7
Main Frame Assembly	8
Main Frame W/Decals Assembly No. 116-4097	9
Caster Wheel Assembly No. 120-2251	10
Roll-Over Protection System Assembly No. 116-3498	11
Deck Lift Assembly	12
Motion Control Assembly	13
Motion Control Assembly - LH	14
Motion Control Assembly - RH	15
Seat Assembly	16
Seat W/Tracks Assembly No. 116-3692	17
Controls Assembly	18
Fuel Tank Mounting Assembly	19
Fuel Tank Assembly No. 116-4610	20
Engine Assembly	21
Hydraulic Assembly	22
Transaxle Assembly	23
Electrical Assembly	24



Complete Deck Assembly No. 116-4809

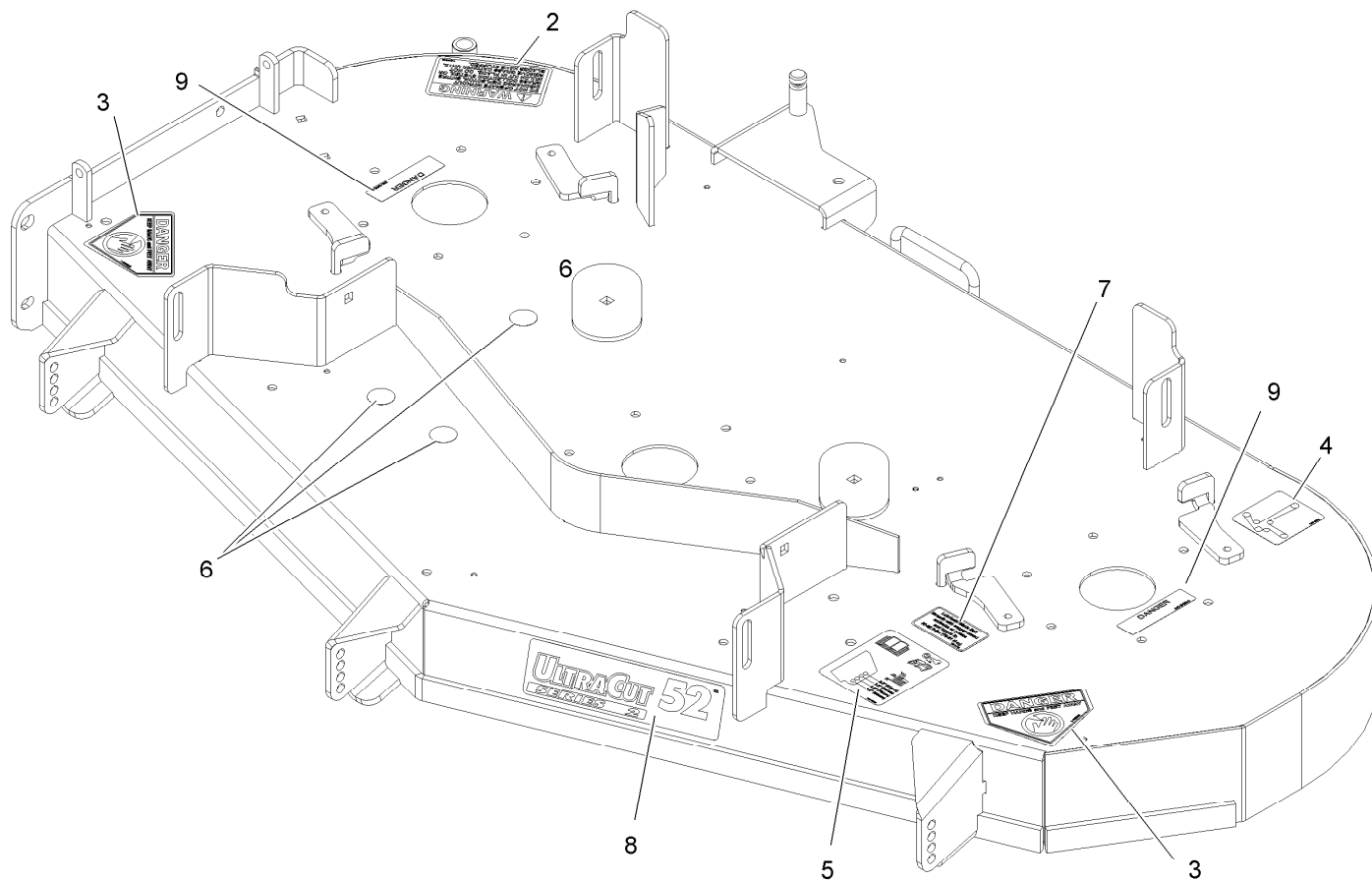
Ref.	Part Number	Qty.	Description
1	116-4809	1	ASM-Deck Complete 522



Deck Assembly

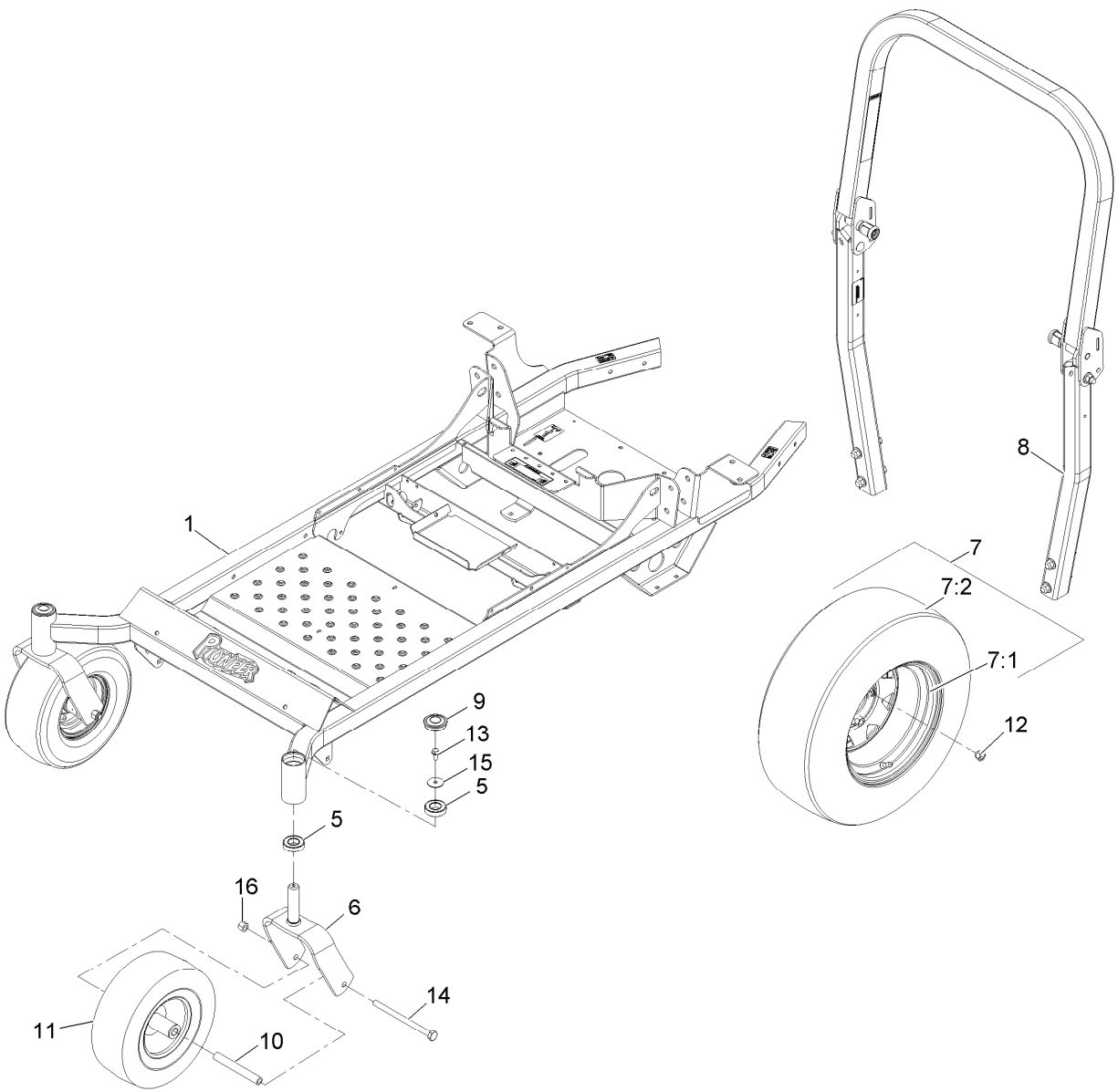
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-5048	1	ASM-522 Deck W/Decals	16	114-5895	1	Pulley-Idler, Flat
2	103-3330	1	Spring-Extension	17	116-5138	3	ASM,Cutter Housing Complete
3	103-6402	3	Blade-Notched	17:1	116-5137	1	ASM,Cutter Housing
3	109-6390	3	Blade,Mulch 18.0 ●	17:1:2	116-4004	2	Bearing-6303 Trash Guard
3	103-6387	3	Blade, Low Lift 18.0 (.94 Hole)	17:1:3	116-4876	1	Spacer-Bearing
3	103-6397	3	Blade, Extreme 18.0 (.94 Hole)	17:2	32144-41	6	Screw-HWH 3/8-16 X 7/8 Taptite
3	103-6382	3	Blade, Solid 18.0 (.94 Hole)	17:3	109-7431	1	Spindle-Hex Pilot
4	103-8743	1	Pulley-Idler, Flanged	17:4	109-7429	1	Washer-Blade Drive
5	103-9273	1	Belt-B162.50	17:5	116-0005	1	Bolt,Blade Sem
6	104-8300	8	Nut-Nyloc 5/16-18 Flg	17:6	3219-6	1	Nut-Hex 5/8-18
7	109-3449	2	Shield-Belt	18	116-4693	1	ASM-Idler Arm
8	109-5151	1	Deflector-Discharge	18:1	1-513034	2	Sleeve-Bearing
9	109-5498-03	1	Baffle-Discharge	19	116-4714	1	Bushing-Idler
10	109-6388	3	Anti-Scalp Roller Kit	20	116-5044	3	Sheave,Blade Drive 6.50
10:1	112-3977	1	Bolt-HH Shoulder 3/8-16 X 3.79	21	116-5111	1	Bushing
10:2	1-603299	1	Roller-Scalp, Anti	22	322-2	6	Screw-HH 5/16-18 X 5/8
10:3	104-8301	1	Nut-Nyloc 3/8-16 Flg	23	323-38	1	Screw-HH 3/8-16 X 4 3/4
11	109-6572	2	Bushing-Idler	24	3230-23	2	Bolt-Carriage 5/16-18 X 3/4 Short Neck
12	109-6658	4	Nut-Nyloc 3/8-16 Flg	25	3231-44	1	Bolt-Carriage 3/8-16 X 2 1/2
13	109-6868	2	Bolt-Carriage 3/8-16 X 3	26	52-2860	2	Washer
14	109-6886	1	Spring-Torsion	27	9266934	4	Screw-HWH 5/16 X 1/2 Tf
15	109-8854	1	Pin-Chute	28	99-8912	1	Pulley-Idler, Flat

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



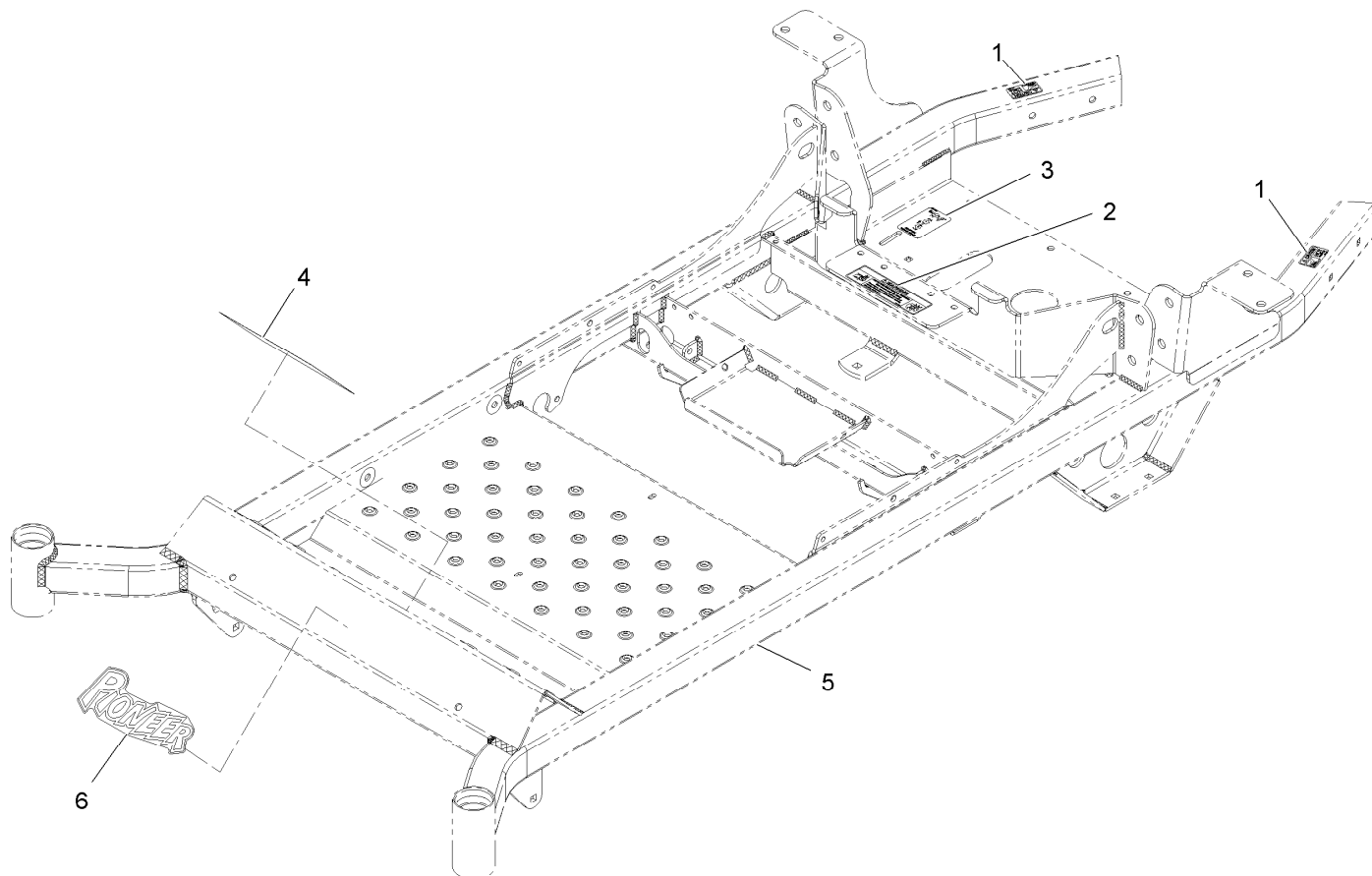
Deck W/Decals Assembly No. 116-5048

Ref.	Part Number	Qty.	Description
2	1-303508	1	Decal-Warning, Discharge
3	1-403005	2	Decal-Danger
4	109-6035	1	Decal-Belt Routing
5	109-6036	1	Decal-Roller, Anti-Scalp
6	109-9159	3	Decal-Hole Cover
7	109-3148	1	Decal,Bolt Torque
8	116-4698	1	Decal-Ultracut 52 Series 2
9	98-5954	2	Decal-Cover, Missing



Main Frame Assembly

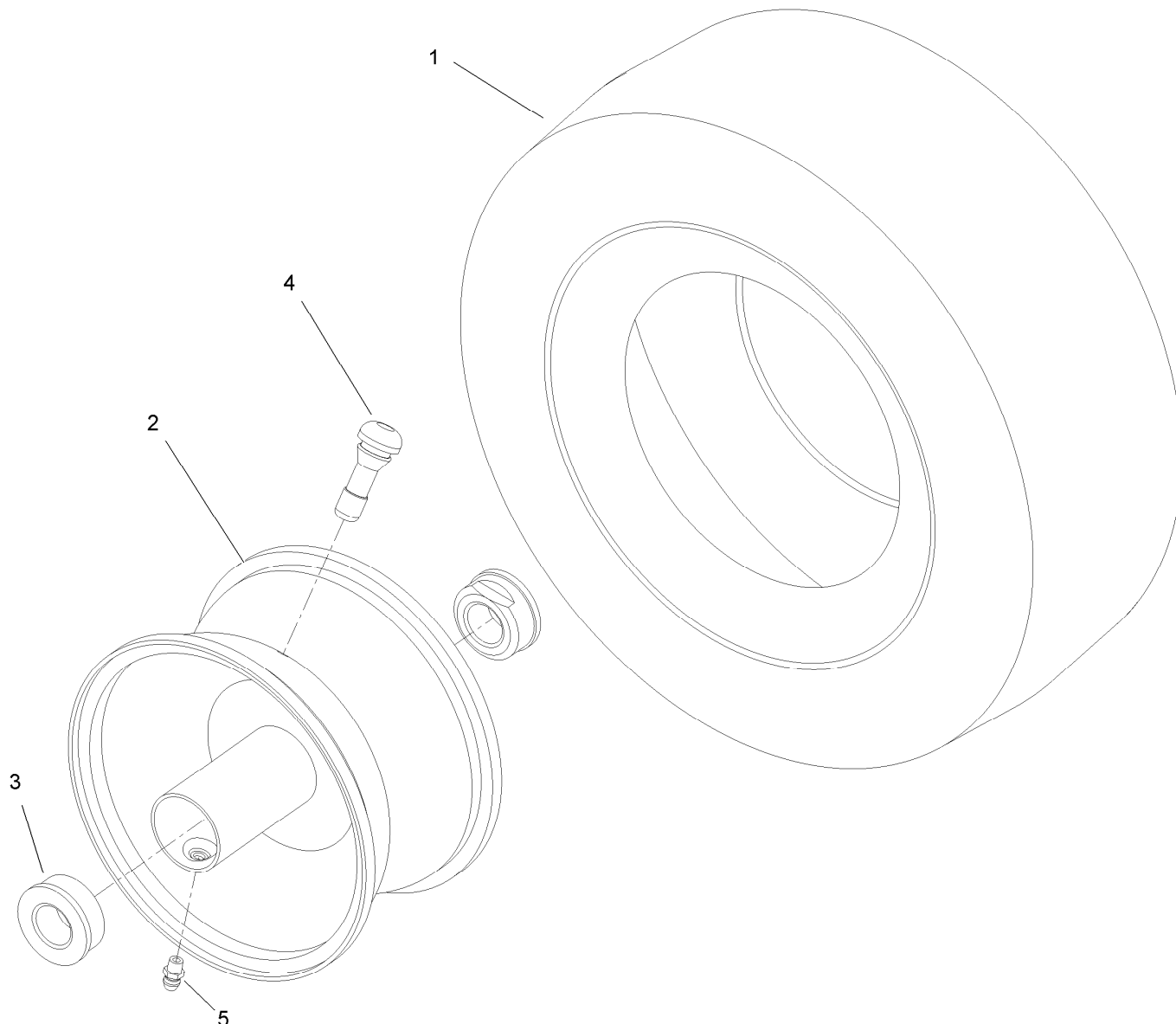
Ref.	Part Number	Qty.	Description
1	116-4097	1	Frame ASM-W/Decals 48-52
5	109-3678	4	Bearing-Ball
6	116-0611-01	2	Wld,Caster Fork
7	116-3163	2	Wheel And Tire ASM
7:1	116-2299	1	Wheel,10 X 6.00
7:2	116-3165	1	Tire
8	116-3498	1	ASM-ROPS Pioneer
9	116-4348	2	Cap-Grease
10	119-3475	2	Spanner
11	120-2251	2	ASM-Tire And Wheel, 13 In Smooth
12	242-50	8	Nut-Lug 1/2-20
13	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
14	325-36	2	Screw-HH 1/2-13 X 7 1/2
15	3256-68	2	Washer-Flat
16	3296-23	2	Nut-Nyloc 1/2-13



Main Frame W/Decals Assembly No. 116-4097

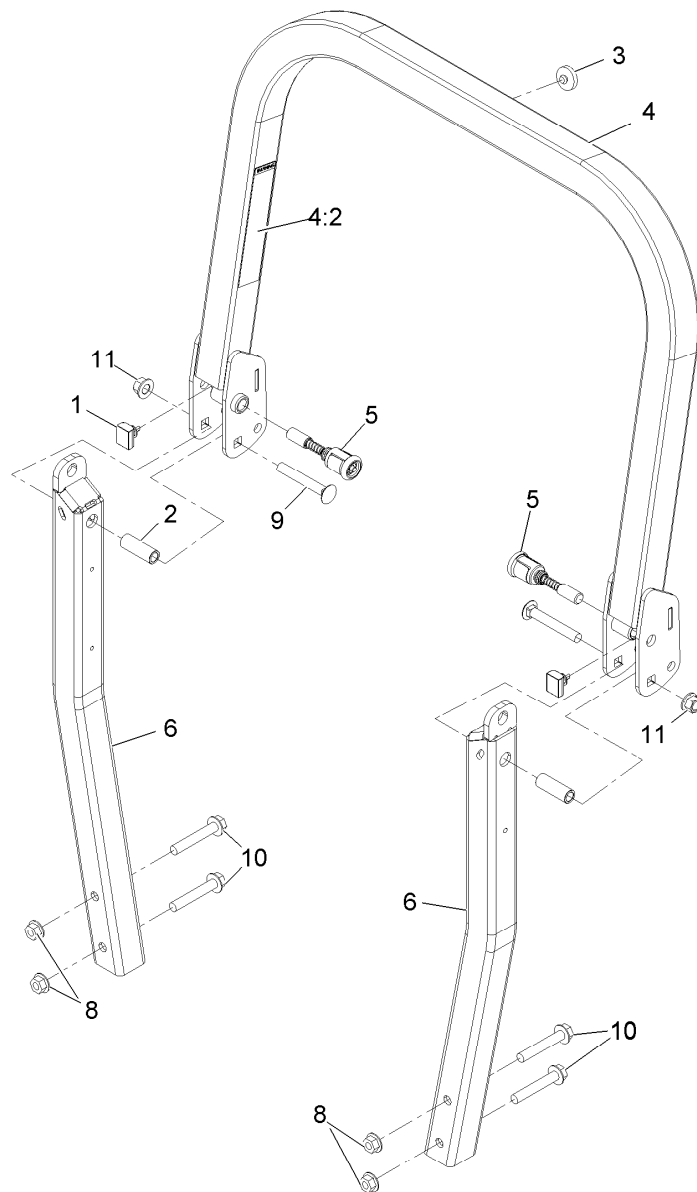
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-2076	2	Decal-Caution
2	116-1119	1	Decal,Belt Drive
3	116-1121	2	Decal,Drive Release
4	116-3303	1	Decal-Slope
5		1	Frame-48-52 ●
6	116-4570	1	Decal-Pioneer Logo

● Not serviced separately



Caster Wheel Asembly No. 120-2251

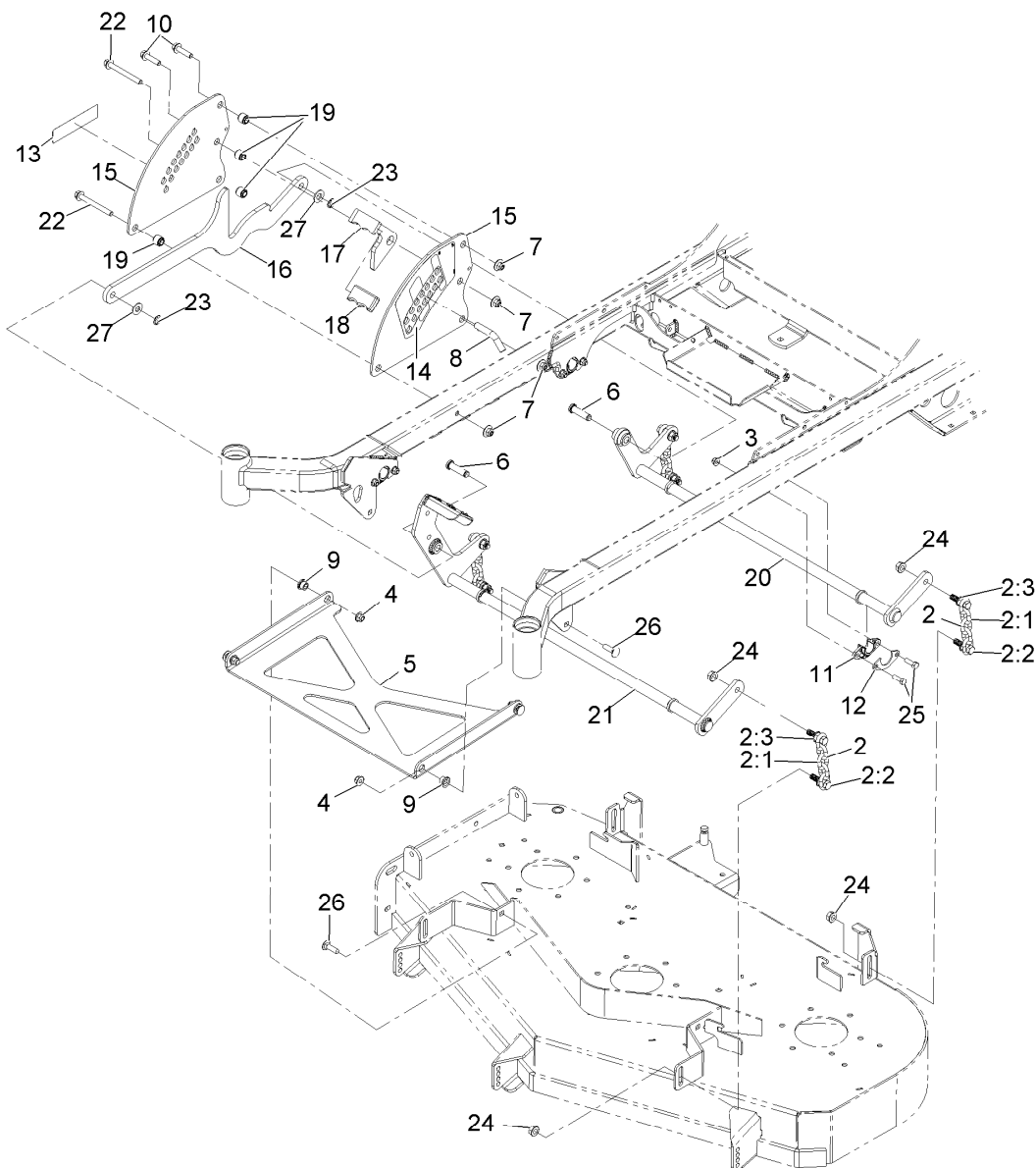
Ref.	Part Number	Qty.	Description
1	120-2252	1	Tire-13 In Smooth
2	119-3472	1	Rim-6"
3	114-1640	2	Bushing-Flange
4	232-27	1	Stem-Valve
5	302-5	1	Zerk 1/4-28 Str Thrd Forming



Roll-Over Protection System Assembly No. 116-3498

Ref.	Part Number	Qty.	Description
1	109-5337	2	Bumper-ROPS
2	109-6653	2	Spacer
3	109-9233	1	Bumper-Push-In, Rubber
4	116-0019	1	Upper ROPS ASM
4:2	107-2102	1	Decal-Warning, Folding ROPS
5	116-0104	2	Spring Pin ASM
6		2	ASM-Lwr ROPS Leg ●
8	32128-49	4	Nut-Whizlock 1/2-13
9	3233-10	2	Bolt-Carriage 1/2-13 X 3 1/2
10	3234-40	4	Screw-HF
11	99-5107	2	Nut-Lock 1/2-13

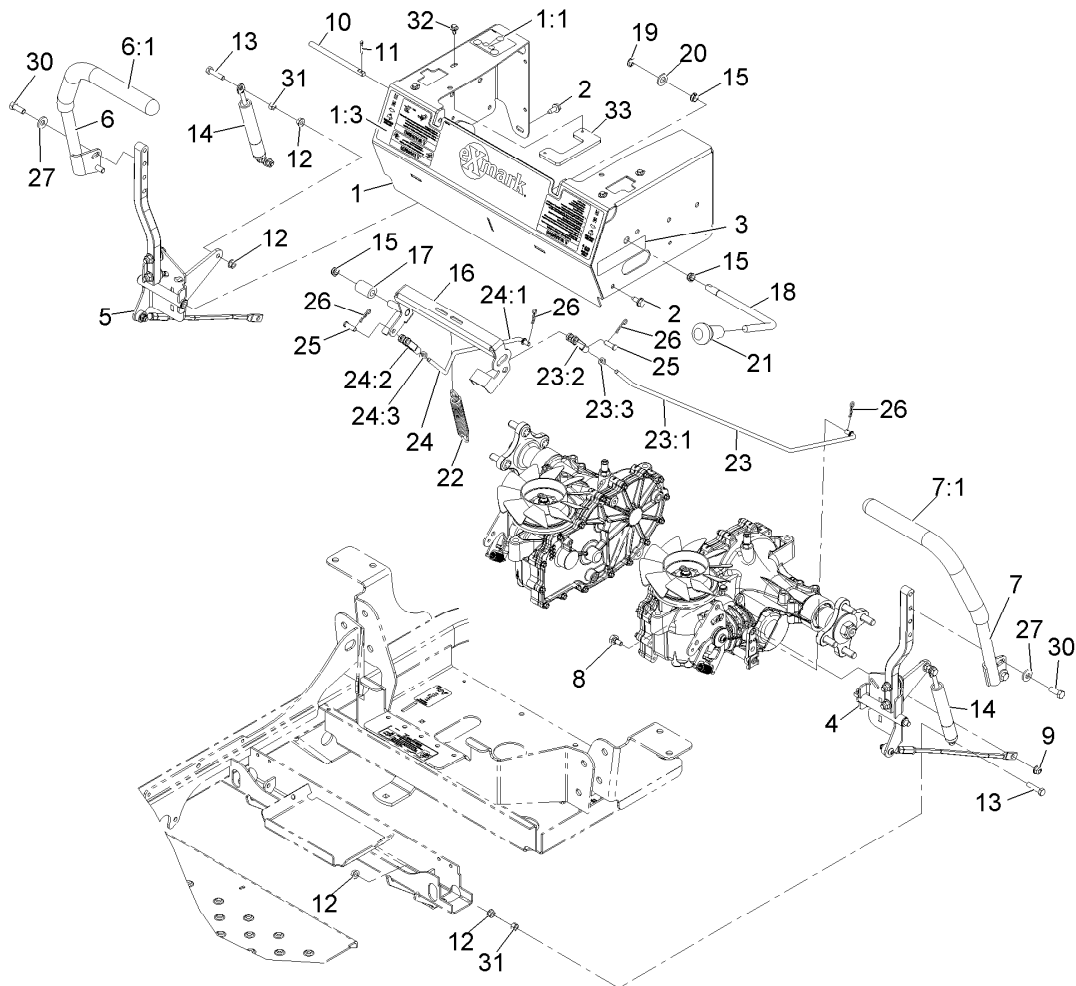
● Not serviced separately



Deck Lift Assembly

Ref.	Part Number	Qty.	Description
2	103-9817	4	Deck Chain ASM
2:1	1-633447	1	Chain-Lift, Deck
2:2	103-1898	2	Screw-HH 7/16-20 X 1-5/8 Sp
2:3	32128-37	2	Nut-Whizlock 7/16-14
3	104-8300	8	Nut-Nyloc 5/16-18 Flg
4	104-8301	4	Nut-Nyloc 3/8-16 Flg
5	109-3723-01	1	Strut-Deck
6	109-5819	2	Pin-Clevis
7	109-6658	4	Nut-Nyloc 3/8-16 Flg
8	109-8757	1	Pin-HOC
9	109-8788	4	Bushing-Flanged
10	114-4681	2	Screw-HHF
11	115-5065	4	Bushing-Flange
12	116-2887	4	Gusset - Deck Lift

Ref.	Part Number	Qty.	Description
13	116-3885	1	Decal-E-Series
14	116-4308	1	Decal-Height Of Cut
15	116-4309-03	2	Plate,Deck Lift
16	116-4310-03	1	Link-HOC
17	116-4311	1	Transport Lock-HOC
18	116-4312	1	Grip-3/8 X 1 Flat Bar
19	116-4313	4	Spacer-Double Step
20	116-4314-03	1	Wld,Deck Lift Shaft-Rear
21	116-4315-03	1	Wld,Deck Lift Shaft-Frt
22	116-4701	2	Screw-HHF
23	32120-47	2	Ring-Retaining
24	32128-37	8	Nut-Whizlock 7/16-14
25	322-5	8	Screw-HH 5/16-18 X 1
26	3231-25	4	Bolt-Carriage 3/8-16 X 1 1/4
27	3256-26	2	Washer-1/2 Sae

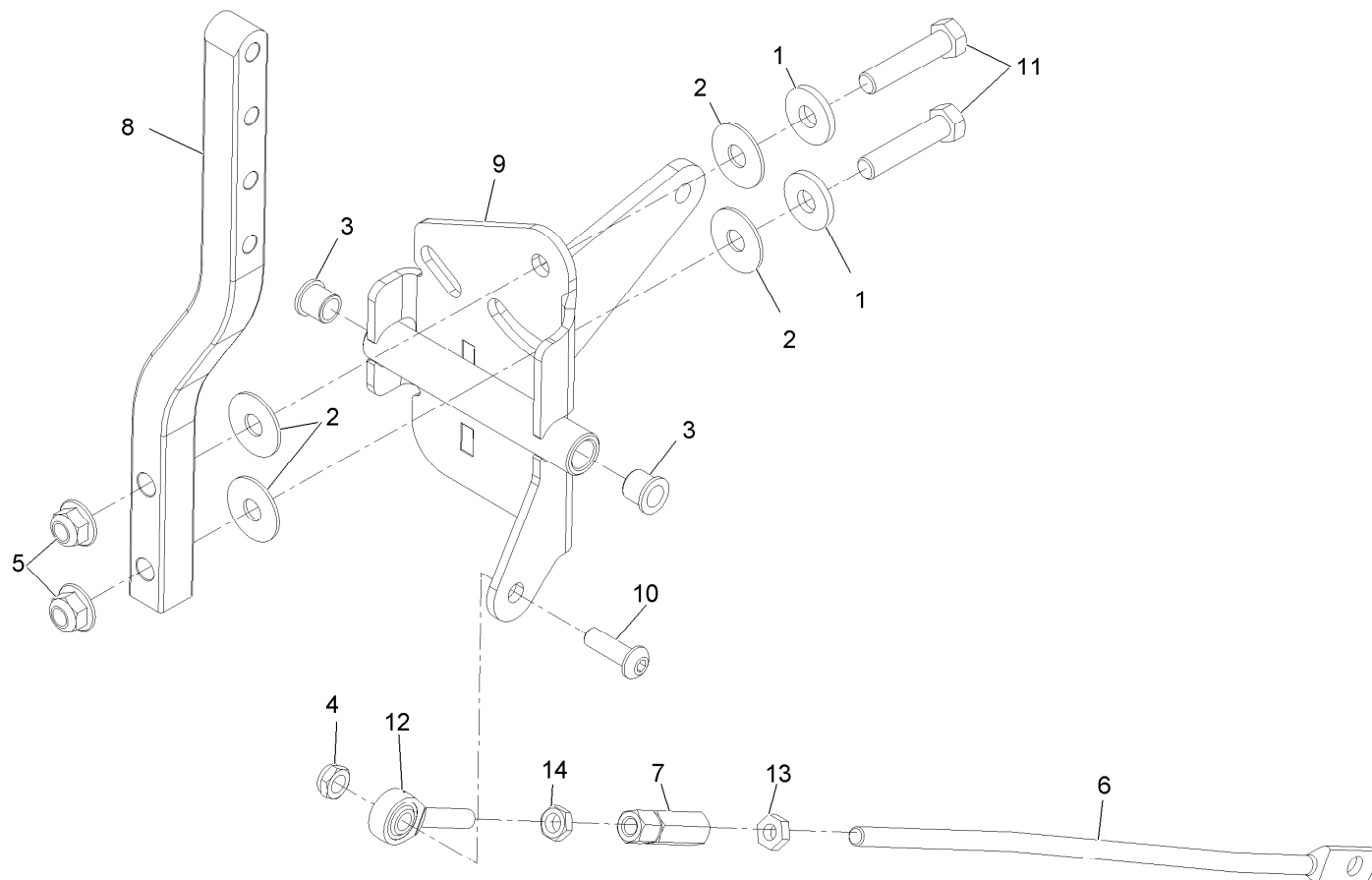


Motion Control Assembly

Ref.	Part Number	Qty.	Description
1	116-3188	1	ASM-Mot Ctrl Frm W/Dcl
1:1	109-6014	1	Decal-Belt Routing
1:3	116-4430	1	Decal-Front Panel
2	32144-70	6	Screw-HWH 5/16-18 X 3/4 Tf
3	116-3885	1	Decal-E-Series
4		1	Motion Control ASM-LH ●
5		1	Motion Control ASM-RH ●
6	119-3486	1	RH Handle ASM
6:1	108-6187	1	Grip
7	119-3485	1	LH Handle ASM
7:1	108-6187	1	Grip
8	37-8771	2	Screw-Shoulder 5/16-18 X 5/8
9	104-8300	2	Nut-Nyloc 5/16-18 Flg
10	109-3705	2	Pin-Control Pivot
11	3272-10	2	Pin-Cotter 1/8 X 3/4
12	32128-20	8	Nut-Whizlock 5/16-18
13	1-403180	4	Screw-HH 5/16-18 X 1 1/4 Sp
14	109-5957	2	Damper-Motion Control
15	116-1393	3	Bushing, Snap

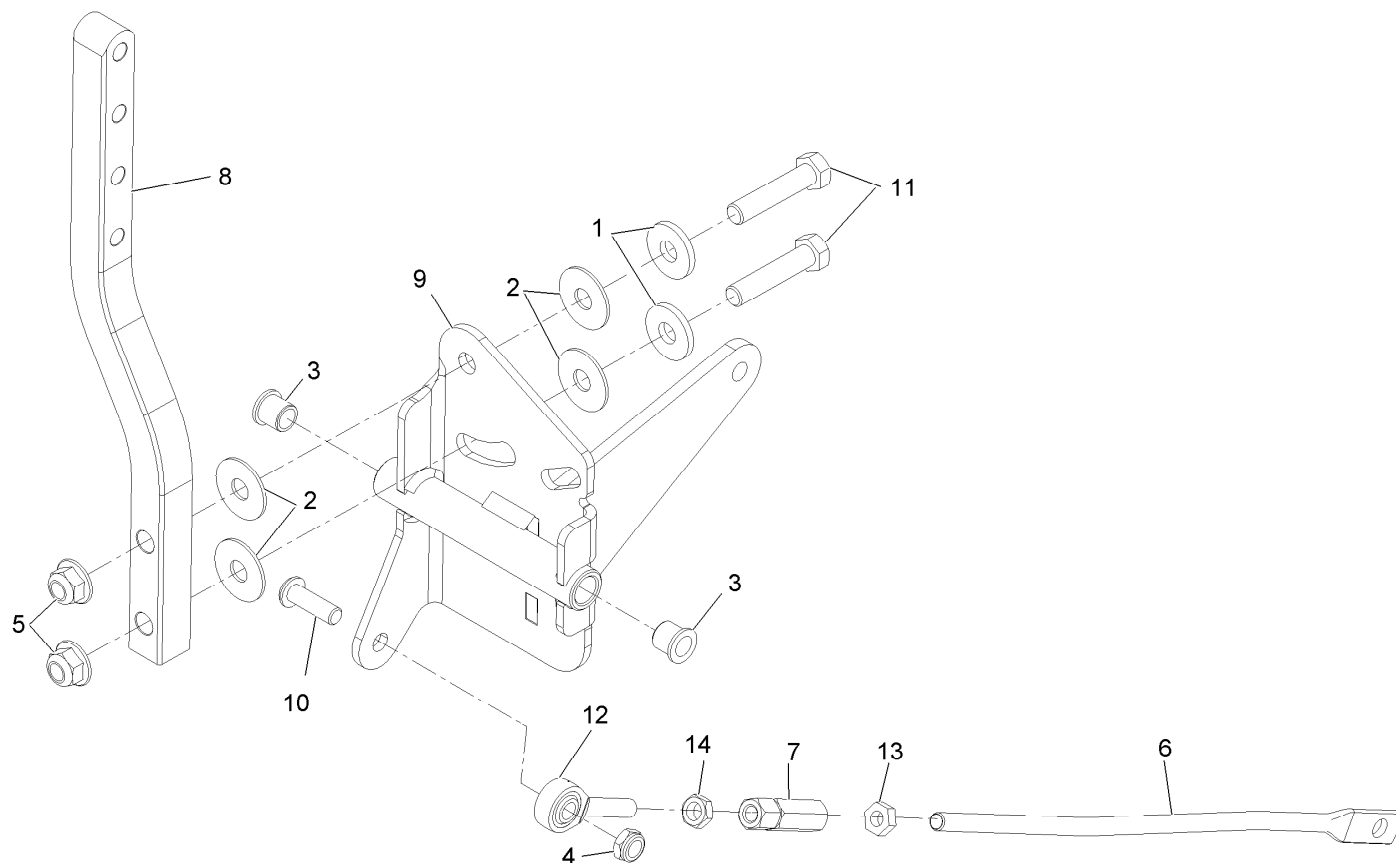
Ref.	Part Number	Qty.	Description
16	116-1177	1	Wld, Brake Center Arm
17	109-5010	1	Spacer
18	116-3155	1	Handle, Brake
19	32120-47	1	Ring-Retaining
20	106-9888	1	Washer-Flat
21	106-7952	1	Knob
22	88-6130	1	Spring-Deck, Engagement
23	116-1165	1	Brake Linkage ASM-LH
23:1	116-1167	1	Linkage, Brake LH
23:2	1-303105	1	Yoke-Adjustable
23:3	3220-2	1	Nut-Jam 5/16-24
24	116-1166	1	Brake Linkage ASM-RH
24:1	116-1168	1	Linkage-Brake, RH
24:2	1-303105	1	Yoke-Adjustable
24:3	3220-2	1	Nut-Jam 5/16-24
25	1-808280	2	Pin-Clevis 5/16 X 1 49/64
26	1-806003	4	Hairpin-Cotter
27	98-5975	4	Washer-Spring Disc 3/8
30	323-6	4	Screw-HH 3/8-16 X 1
31	3217-6	4	Nut-Hex 5/16-18
32	46-8560	4	Screw-HHF 1/4-20 X 1/2
33	109-6214	2	Stop-Motion Control

● Not serviced separately



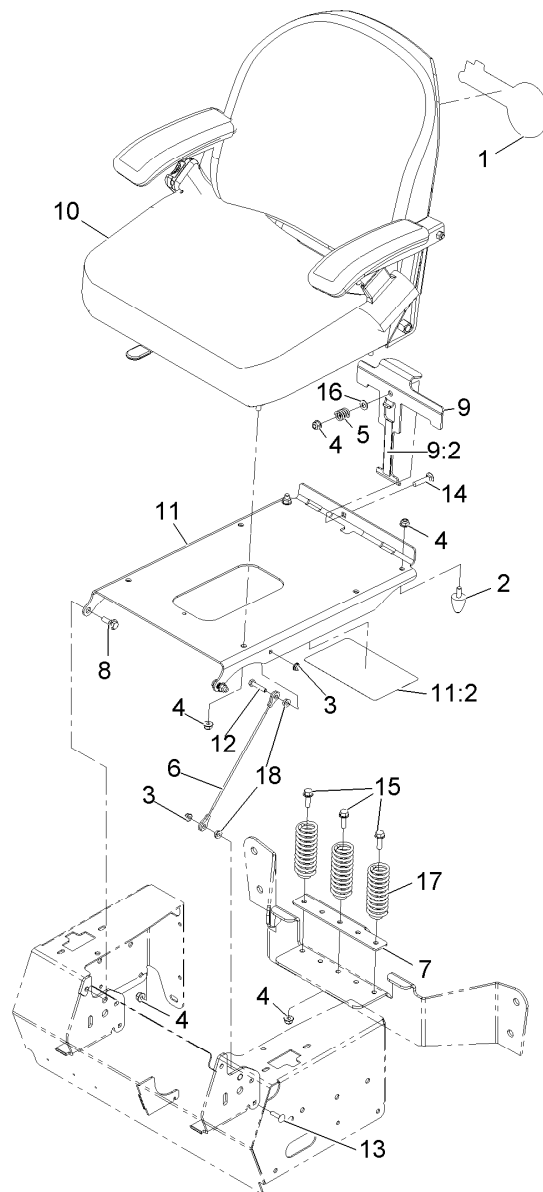
Motion Control Assembly - LH

Ref.	Part Number	Qty.	Description
1	5-0838	2	Washer
2	52-2900	4	Washer-Plastic
3	103-9928	2	Bearing
4	3296-47	1	Nut-Nyloc 5/16-18 Thin
5	104-8301	2	Nut-Nyloc 3/8-16 Flg
6	116-2543	1	Link,Motion Control
7	109-3728	1	Nut-Rod Adjustment
8	116-3183	1	Arm-Motion Control
9	116-3176	1	LH Control Pivot ASM
10	3274-104	1	Screw-Button Head 5/16-18 X 1
11	323-9	2	Screw-HH 3/8-16 X 1 3/4
12	2411-53	1	Balljoint LH
13	3220-2	1	Nut-Jam 5/16-24
14	3220-20	1	Nut-Jam 5/16-24 LH



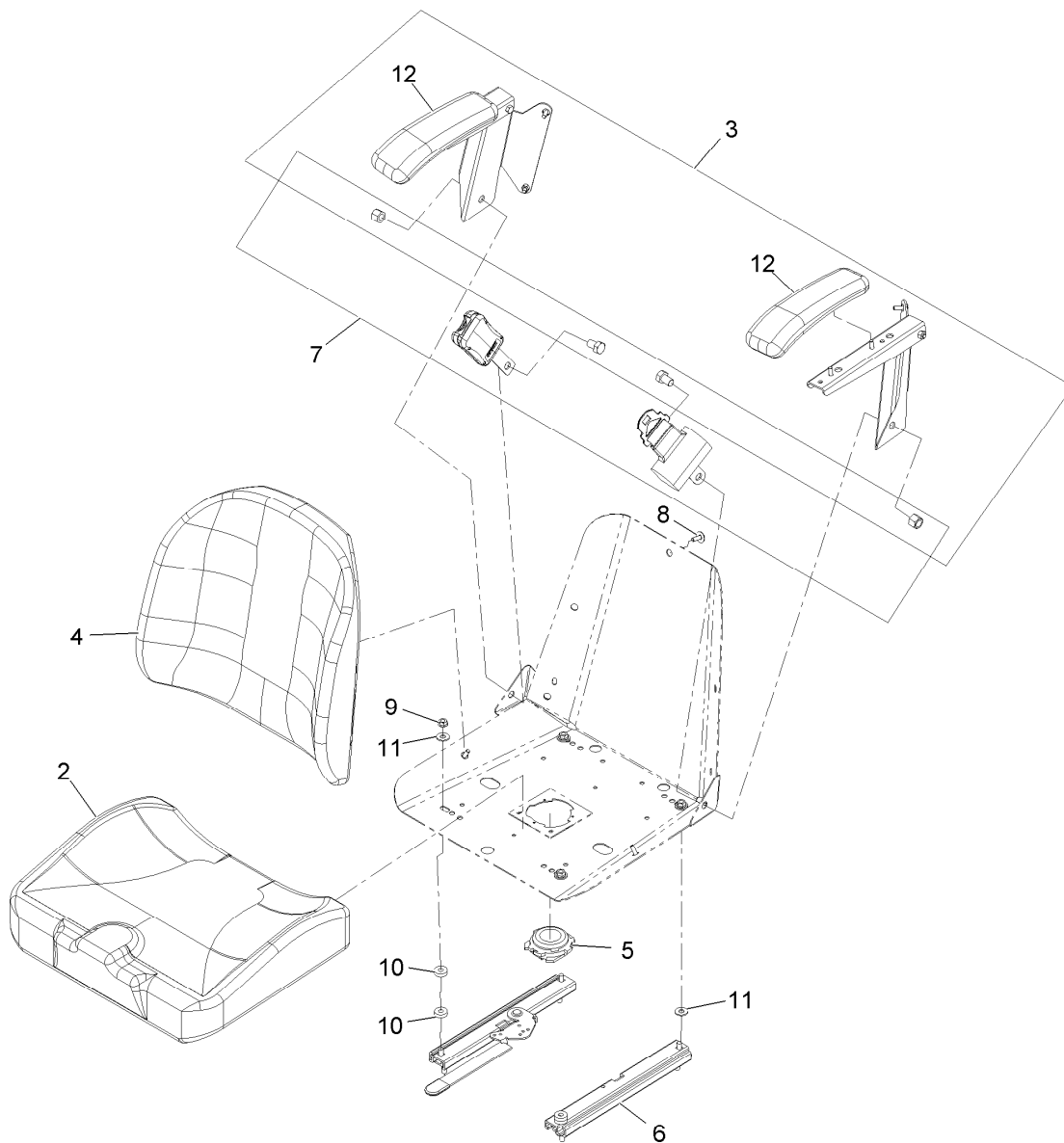
Motion Control Assembly - RH

Ref.	Part Number	Qty.	Description
1	5-0838	2	Washer
2	52-2900	4	Washer-Plastic
3	103-9928	2	Bearing
4	3296-47	1	Nut-Nyloc 5/16-18 Thin
5	104-8301	2	Nut-Nyloc 3/8-16 Flg
6	116-2543	1	Link,Motion Control
7	109-3728	1	Nut-Rod Adjustment
8	116-3183	1	Arm-Motion Control
9	116-3179	1	RH Control Pivot ASM
10	3274-104	1	Screw-Button Head 5/16-18 X 1
11	323-9	2	Screw-HH 3/8-16 X 1 3/4
12	2411-53	1	Balljoint LH
13	3220-2	1	Nut-Jam 5/16-24
14	3220-20	1	Nut-Jam 5/16-24 LH



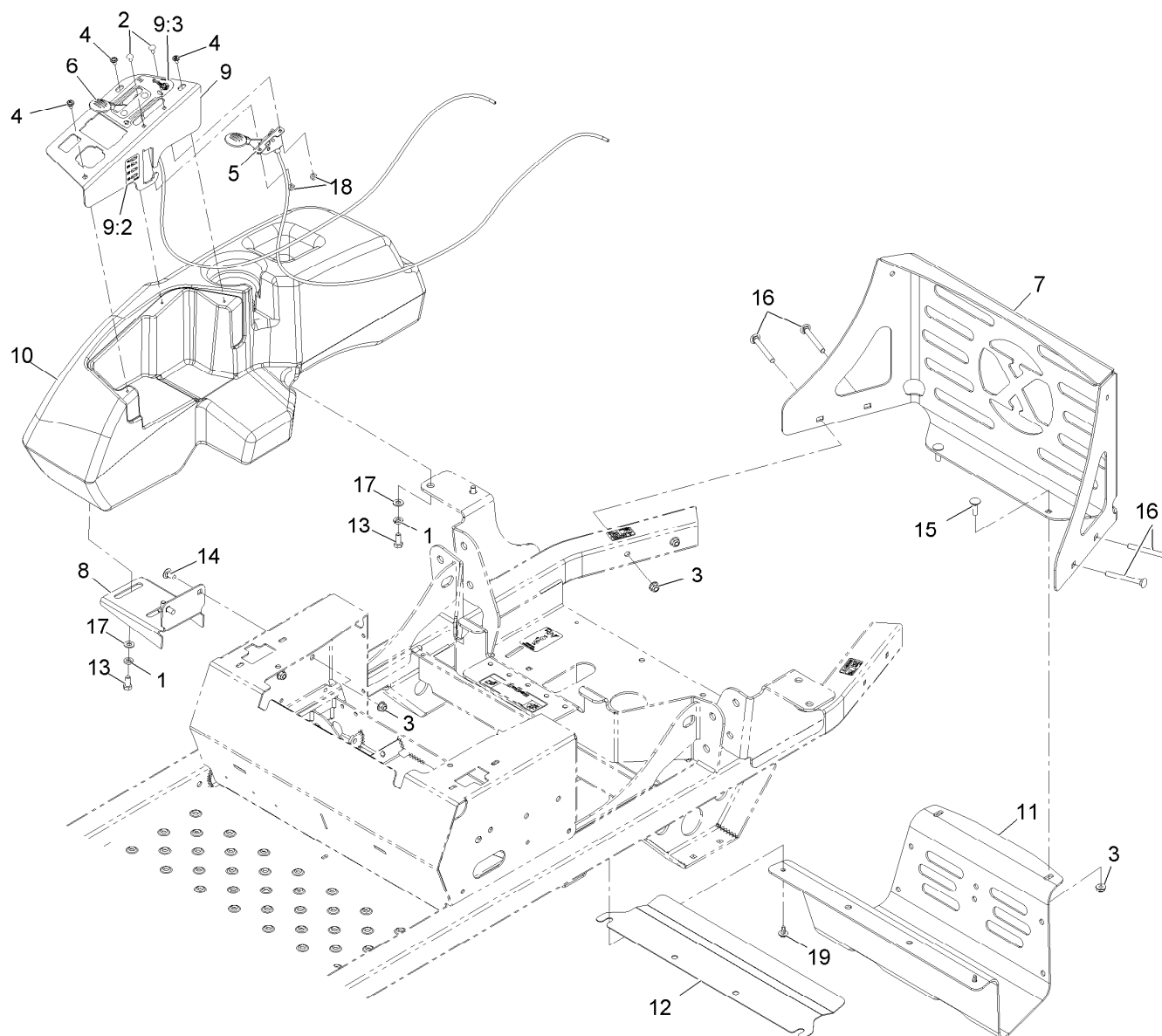
Seat Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	103-2882	1	Decal,Exmark Logo	11	116-4418	1	Plate, Seat W/Decals
2	103-9376	2	Bumper-Seat	11:2	109-6016	1	Decal-Service Aid
3	104-7201	2	Nut-Nyloc 1/4-20 Flg	12	321-8	1	Screw-HH 1/4-20 X 1 1/4
4	104-8300	12	Nut-Nyloc 5/16-18 Flg	13	3229-2	1	Bolt-Carriage 1/4-20 X 1
5	107-3017	1	Spring-Compression	14	3230-4	1	Bolt-Carriage 5/16-18 X 1 1/2
6	109-2628	1	Cable-Stop, Seat	15	3234-29	3	Screw-HH Flg 5/16-18 X 1
7	116-0871	1	Catch,Seat Latch	16	3256-23	1	Washer-5/16 Sae
8	116-1297	2	Screw-Shoulder	17	92-7054	3	Spring-Compression
9	116-3121	1	ASM-Seat Latch	18	32128-33	2	Nut-Whizlock 1/4-20
9:2	116-3120	1	Strip-Poly Wear				
10	116-3692	1	ASM-Seat Service				



Seat W/Tracks Assembly No. 116-3692

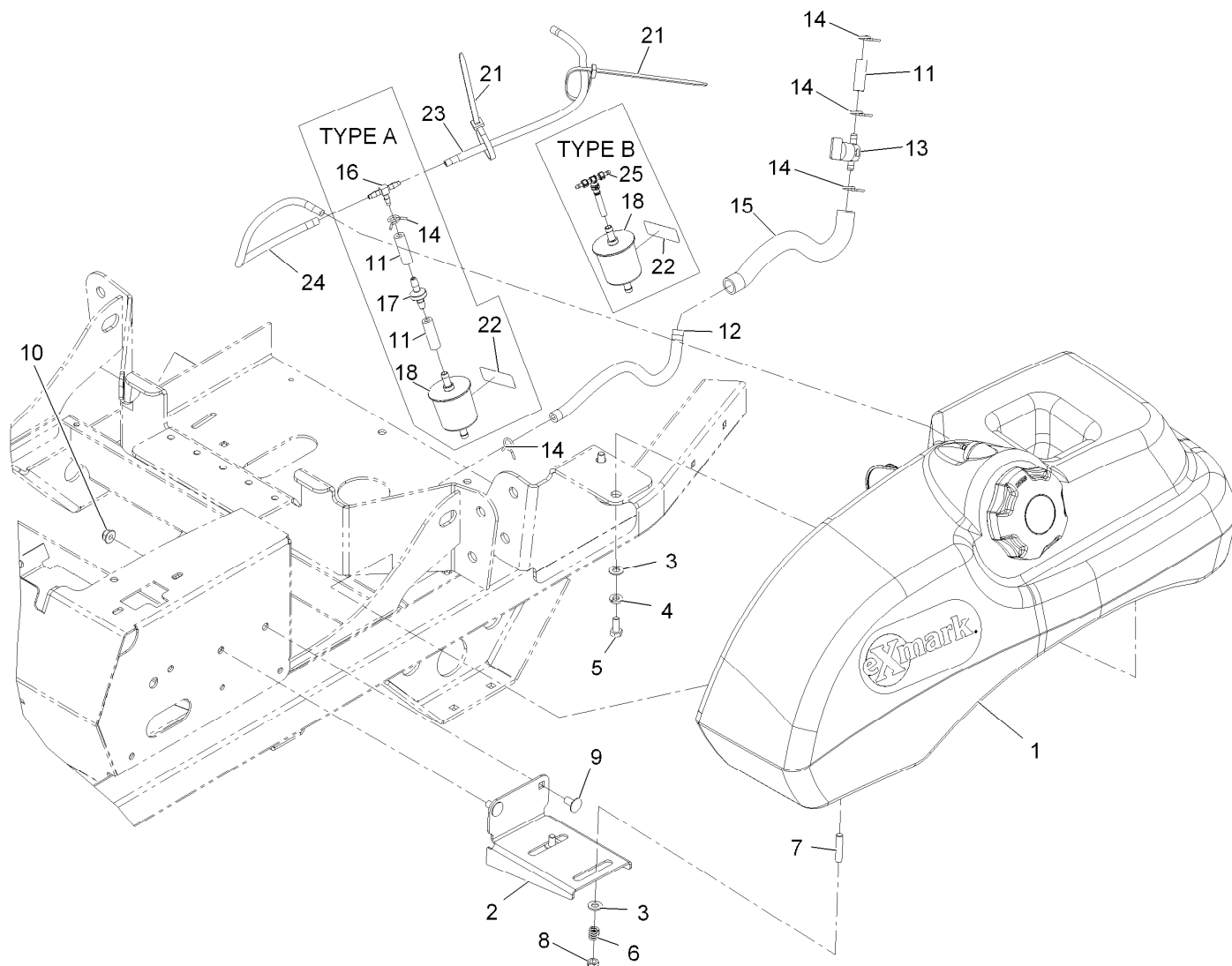
Ref.	Part Number	Qty.	Description
2	116-3737	1	Cushion,Seat Bottom
3	110-5719	1	Armrest Kit
4	116-3738	1	Cushion,Seat Back
5	116-2878	1	Switch-Seat
6	1-643255	1	Track-Seat
7	116-2981	1	Seat Belt Kit
8	103-8383	7	Screw-HWH 1/4-20 X 3/4 Taptite
9	32128-20	4	Nut-Whizlock 5/16-18
10	26-4840	4	Spacer-Pin, Mounting
11	3256-3	6	Washer-5/16 Std
12	110-4163	2	Cushion-Rest, Arm



Controls Assembly

Ref.	Part Number	Qty.	Description
1	1-805005	4	Washer-Lock 5/16 Heavy
2	1-807513	4	Bolt-Carriage #10-24 X 1/2
3	104-8300	8	Nut-Nyloc 5/16-18 Flg
4	109-2661	3	Screw-PPH #10-24 X 1/2
5	116-4919	1	Control,Throttle
6	109-8747	1	Control,Choke
7	116-3453-03	1	Panel,Rear Guard
8	116-3495-03	1	Bracket-Tank And Fender
9	116-3496	1	ASM,Control Panel W/Decal
9:2	116-1496	1	Decal,Fuse Block
9:3	116-4465	1	Decal-Throttle Choke

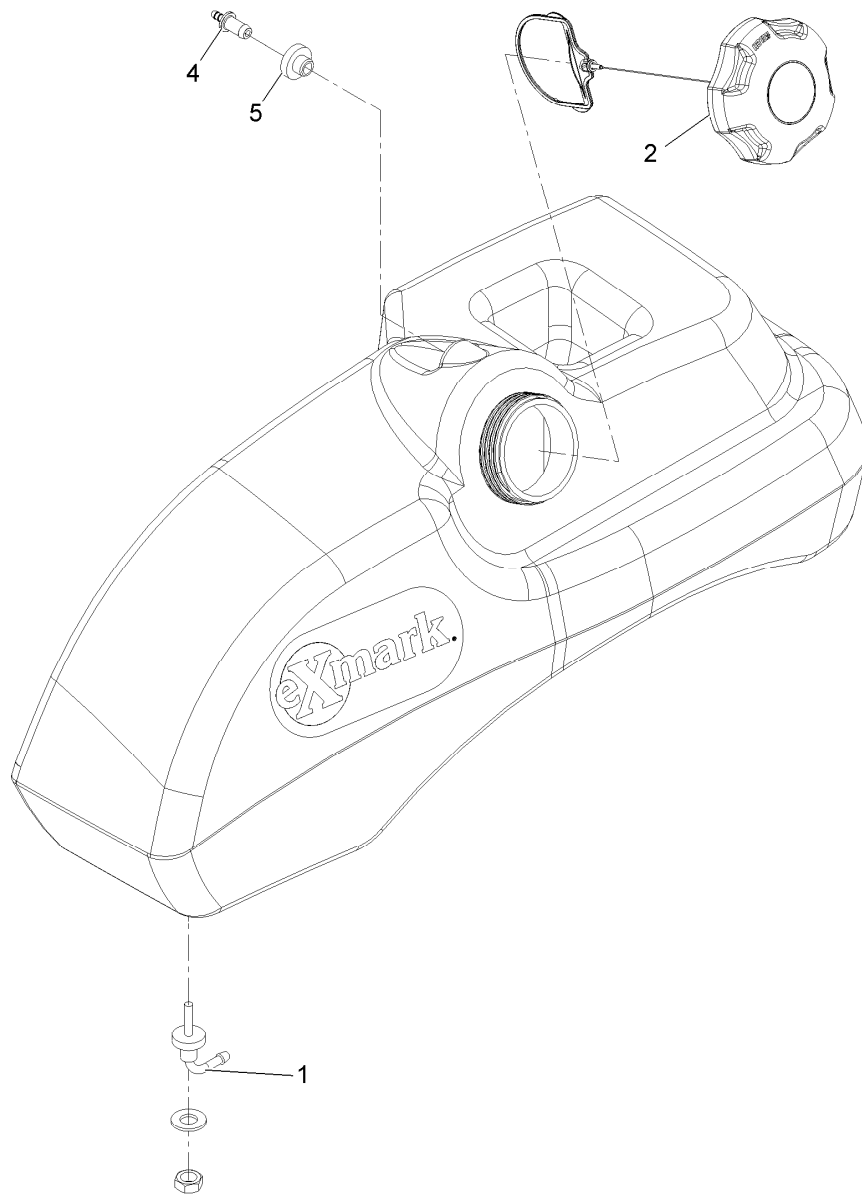
Ref.	Part Number	Qty.	Description
10	116-4138	1	Console,RH
11	116-4708-03	1	Guard-Muffler
12	116-4709-03	1	Shield-Heat Deflector
13	322-3	4	Screw-HH 5/16-18 X 3/4
14	3230-18	2	Bolt-Carriage 5/16-18 X 5/8
15	3230-2	2	Bolt-Carriage 5/16-18 X 1
16	3230-9	4	Bolt-Carriage 5/16-18 X 2 3/4
17	3256-23	4	Washer-5/16 Sae
18	3296-2	4	Nut-Nyloc #10-24
19	46-8560	2	Screw-HHF 1/4-20 X 1/2



Fuel Tank Mounting Assembly

Ref.	Part Number	Qty.	Description
1	116-4610	1	ASM-Fuel Tank
2	116-3495-03	1	Bracket-Tank And Fender
3	3256-23	4	Washer-5/16 Sae
4	1-805005	2	Washer-Lock 5/16 Heavy
5	322-3	2	Screw-HH 5/16-18 X 3/4
6	1-633349	2	Spring-Compression
7	1-633023	2	Stud-Fuel Tank
8	3296-47	2	Nut-Nyloc 5/16-18 Thin
9	3230-18	2	Bolt-Carriage 5/16-18 X 5/8
10	104-8300	2	Nut-Nyloc 5/16-18 Flg
11	106-9492	3	Hose-Fuel
12	109-0282	1	Hose-Fuel

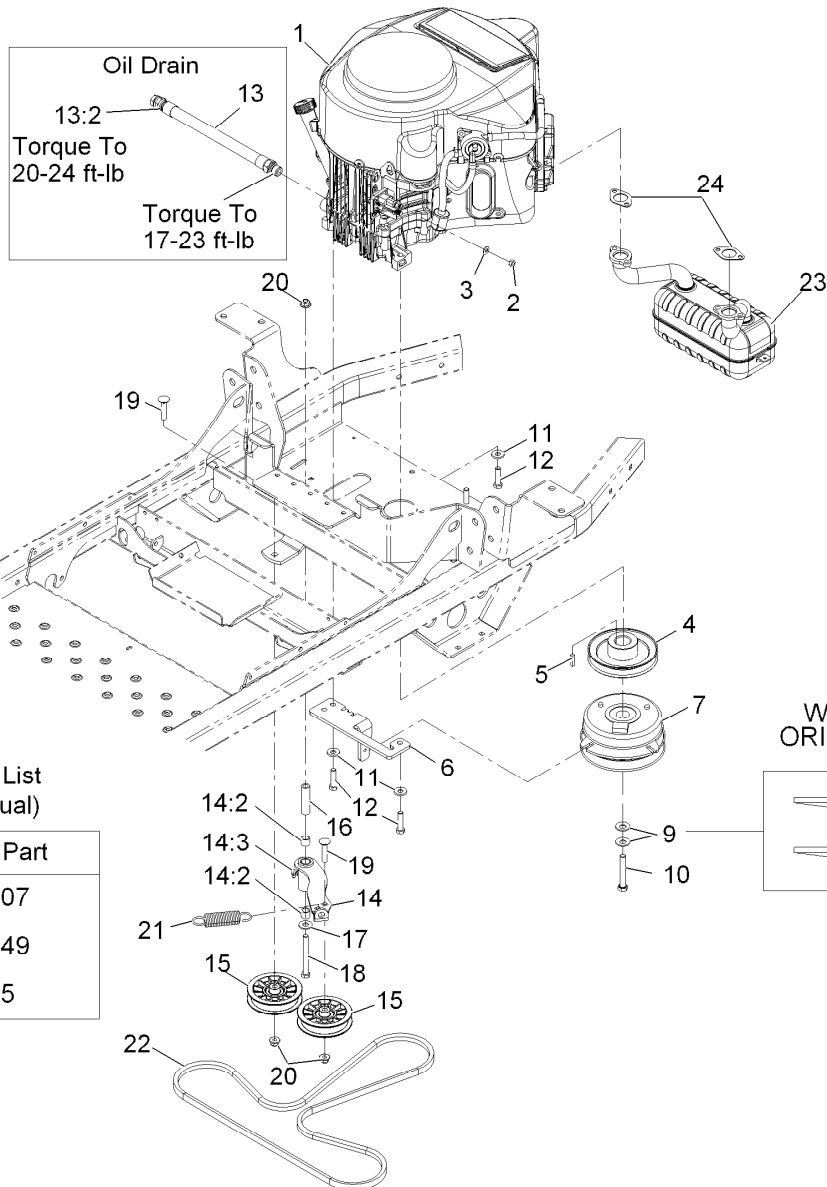
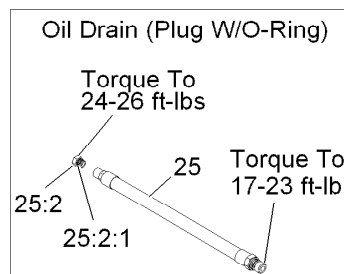
Ref.	Part Number	Qty.	Description
13	1-603770	1	Valve-Fuel
14	1-303077	5	Clamp-Fuel Line (Type A)
14	1-303077	4	Clamp-Fuel Line (Type B)
15	116-4515	1	Conduit-Fuel Line
16	120-2234	1	Fitting-Tee
17	99-5000	1	Valve-Check, Fuel
18	120-2235	1	Filter-Air
21	1-303335	2	Tie-Cable 7 15/16 (Large)
22	116-4769	1	Decal-Filter, Emissions
23	116-4800	1	Hose,Emissions
24	116-4801	1	Hose,Emissions
25	116-5464	1	ASM-Tee And Check



Fuel Tank Assembly No. 116-4610

Ref.	Part Number	Qty.	Description
1	103-2605	1	Fitting-Fuel Bulkhead W/Strainer ●
2	120-5461	1	Cap-Fuel, Ratcheting
4	116-4630	1	Fitting-Straight Orifice
5	46-6560	1	Bushing

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



Kawasaki Replacement Parts List
(Refer To Engine Owner's Manual)

Description	Kawasaki Part
Engine Oil Filter	49065-7007
Engine Air Filter	11013-7049
Fuel Filter	4019-7005

Engine Assembly

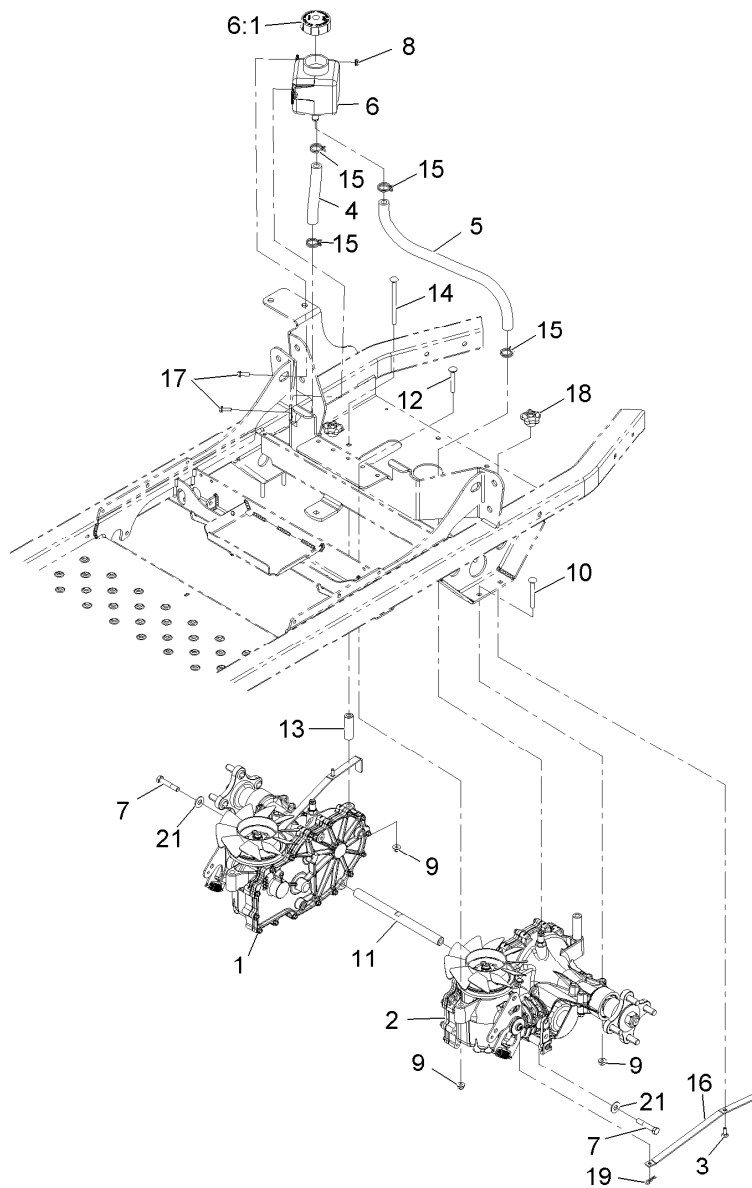
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1		1	Engine-Kawasaki,Fr691V-S13-R	14:2	1-513034	2	Sleeve-Bearing
2	3217-5	1	Nut-Hex 1/4-20	14:3	302-40	1	Zerk-90° 1/4-28
3	3256-22	1	Washer-1/4 Sae	15	116-2456	2	Pulley-Flat, 3.50 Dia
4	109-3386	1	Sheave-Split Steel	16	1-603384	1	Bushing-Pivot, Idler
5	1-807259	1	Key-Machine 1/4 X 1/4 X 1	17	3256-4	1	Washer-3/8 Std
6	116-4773-03	1	Anchor-Clutch	18	323-15	1	Screw-HH 3/8-16 X 3 1/2
7	116-5059	1	Clutch,125Ftlb 1.0 B	19	3231-5	2	Bolt-Carriage 3/8-16 X 1 3/4
9	1-603610	2	Washer-Spring Disc 7/16	20	104-8301	3	Nut-Nyloc 3/8-16 Flg
10	116-1066	1	Screw-HH 7/16-20 X 2 3/4 W/Loctite ♦	21	1-603402	1	Spring-Extension
11	98-5975	4	Washer-Spring Disc 3/8	22	115-9613	1	V-Belt
12	323-8	4	Screw-HH 3/8-16 X 1 1/2	23	117-7256	1	Muffler-Kawasaki
13	109-4490	1	Asm, Hose Oil Drain W/Plug ▲	24	1-653313	2	Gasket-Exhaust
13:2	109-1012	1	Plug (Koh)	25	116-4924	1	Engine Hose Oil Drain ASM ▲
14	116-4729	1	ASM-Idler Arm W/Bearings	25:2	353-508	1	Plug-W/O-Ring
				25:2:1	237-42	1	O-Ring

● Not serviced separately

▲ Use a Teflon Pipe Sealant or equivalent on threads.

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

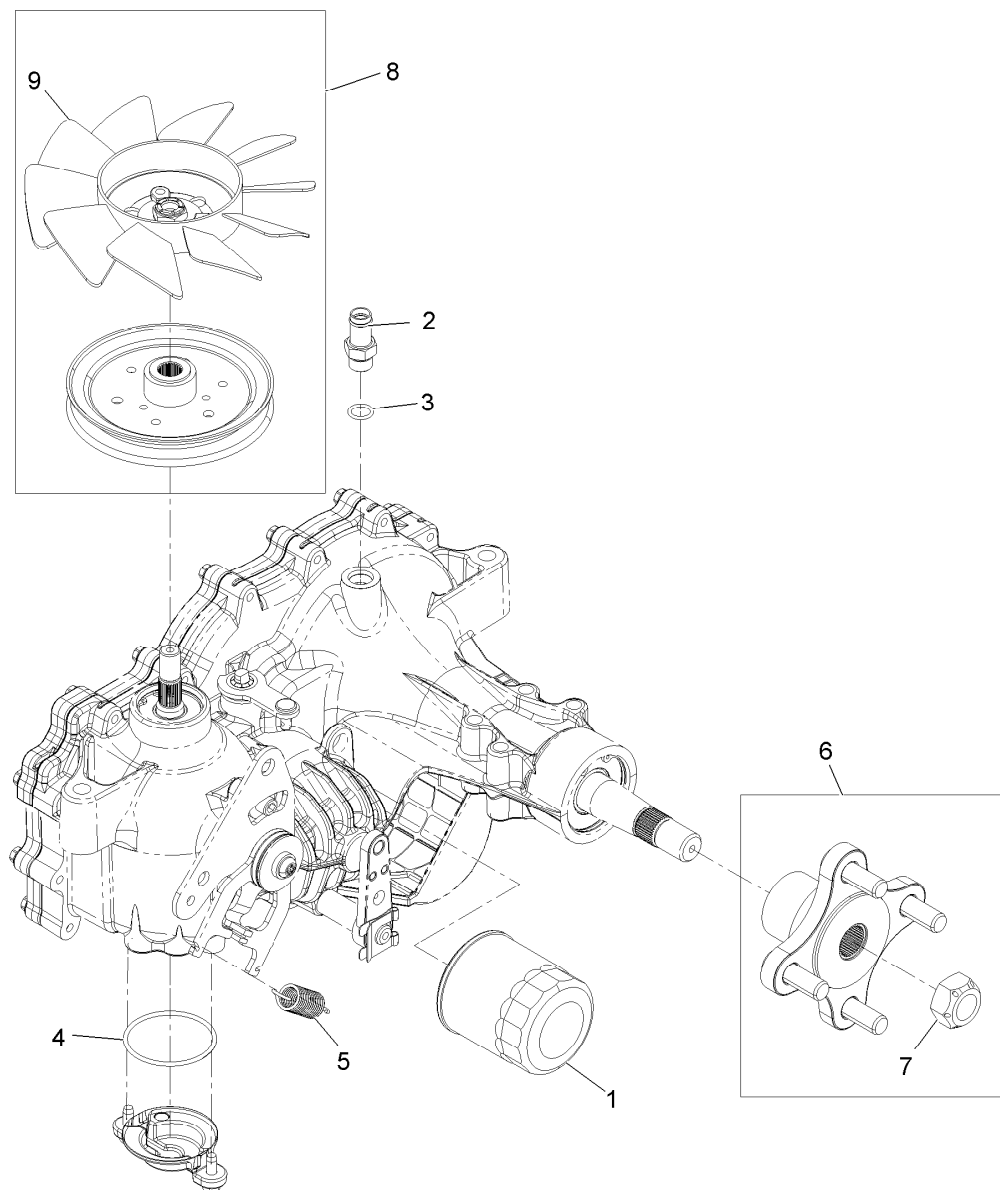
■ Obtain parts from www.kawpowerepc.com



Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-4544	1	Transaxle ASM RH
2	116-4545	1	Transaxle ASM LH
3	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
4	116-4710	1	Hose-Hydraulic
5	109-5578	1	Hose-Hydraulic
6	109-2250	1	Vent-Tank, Hydro
6:1	109-3320	1	Cap-Reservoir, HYD
7	94-7972	2	Screw-HH W/Loctite
8	104-7201	2	Nut-Nyloc 1/4-20 Flg
9	104-8300	8	Nut-Nyloc 5/16-18 Flg
10	3230-9	4	Bolt-Carriage 5/16-18 X 2 3/4

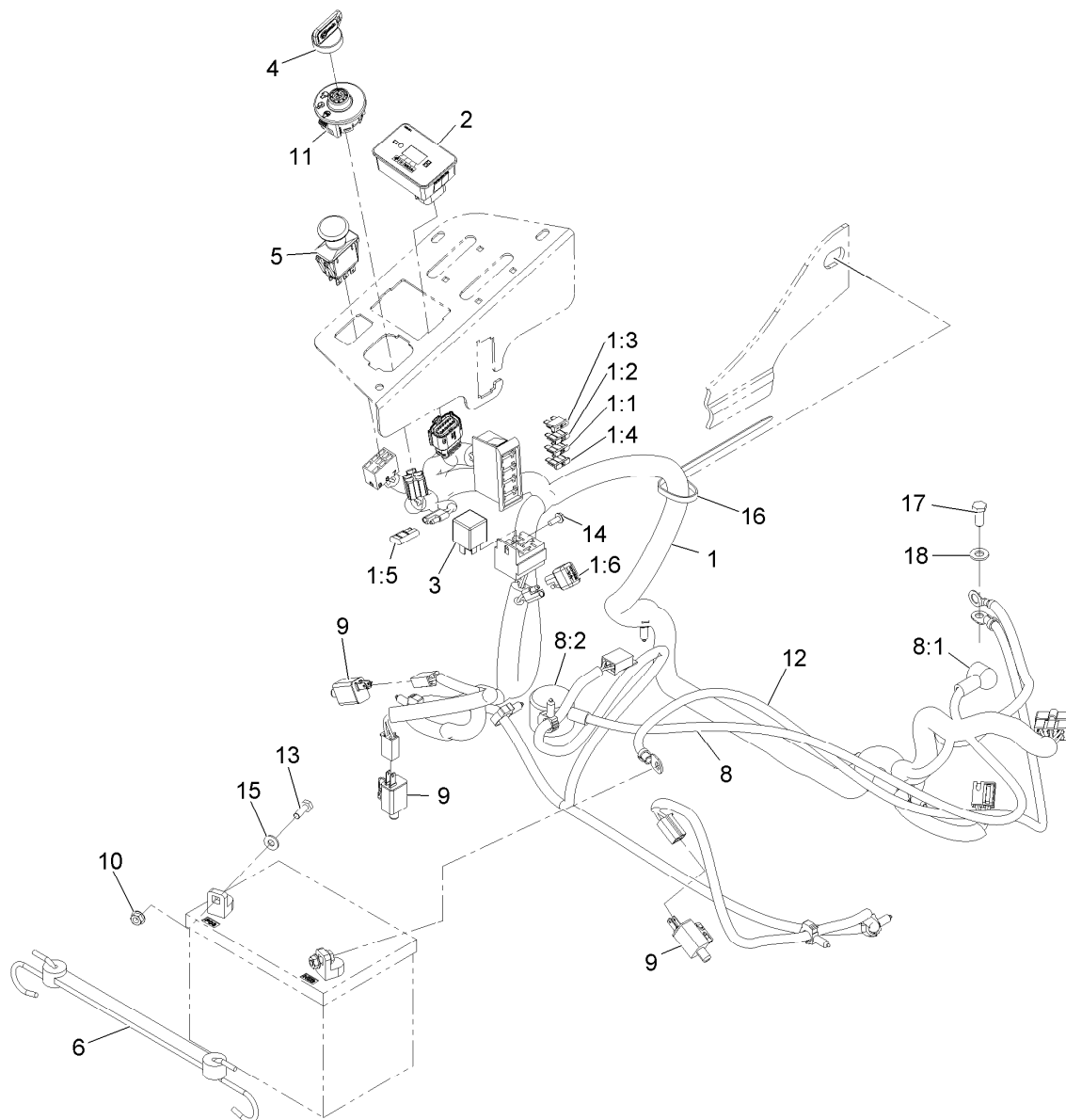
Ref.	Part Number	Qty.	Description
11	116-4860	1	Shaft-Transaxle Spacer
12	3230-7	2	Bolt-Carriage 5/16-18 X 2 1/4
13	116-2803	2	Spacer-Hydro
14	3230-30	2	Bolt-Carriage 5/16-18 X 4 1/2
15	109-3322	4	Clamp-Hose
16	109-5395	2	Arm-Hydro Bypass
17	32105-15	2	Screw-Machine 1/4-20 X 3/4
18	108-6402	2	Knob-Handle
19	1-806003	2	Hairpin-Cotter
21	3256-4	2	Washer-3/8 Std



Transaxle Assembly

Ref.	Part Number	Qty.	Description
1	109-3321	1	Filter-Hydraulic
2	109-3278	1	Adapter-Straight
3	237-42	1	O-Ring
4	109-3540	1	O-Ring-Charge Seal Cover
5	109-5592	1	Spring
6	109-5939	1	Hub Kit
7	109-3536	1	Nut-Hub
8	109-5938	1	Fan And Pulley Kit
9	114-8453	1	Fan-7.0
99	109-3537	1	Complete Seal Kit ●

● Not illustrated



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	116-4861	1	Harness, Wire ●
1:1	109102	1	Fuse-Blade, 25 Amp
1:2	1-816001	1	Fuse-Blade Type, 20 Amp
1:3	109355	1	Fuse-Blade, 15 Amp
1:4	218-578	1	Fuse-Blade, 10 Amp
1:5	116-0053	1	Cap-Plug
1:6	103-3895	1	Diode-Tvs
2	117-3884	1	Module ASM
3	1-643275	1	Relay-12Vdc 40 Amp
4	103-2106	1	Key-Exmark Logo
5	103-5221	1	Switch-PTO
6	104-2466	1	Holddown-Battery
8	109-7621	1	Positive Battery Cable ASM

Ref.	Part Number	Qty.	Description
8:1	1-543393	1	Insulator-Solenoid
8:2	109-2407	1	Insulator-Battery
9	110-6765	3	Switch-Single Pole No
10	32128-33	2	Nut-Whizlock 1/4-20
11	117-2221	1	Switch-Ignition
12	117-7240	1	Cable-Battery, Negative
13	321-4	2	Screw-HH 1/4-20 X 3/4
14	32144-1	1	Screw-HWH #10-24 X 1/2 Tapite
15	3256-22	2	Washer-1/4 Sae
16	1-303335	1	Tie-Cable 7 15/16 (Large)
17	33114-020	1	Screw-HH M8-1.25 X 20Mm
18	33094-00	1	Washer

● Use dielectric grease on all wiring harness connectors.

Notes:

Notes:

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

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) _____

© 2011 Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310
All Rights Reserved

Part No. 4500-868 Rev. B
(402) 223-6300
Fax (402) 223-5489
Printed in the USA.

