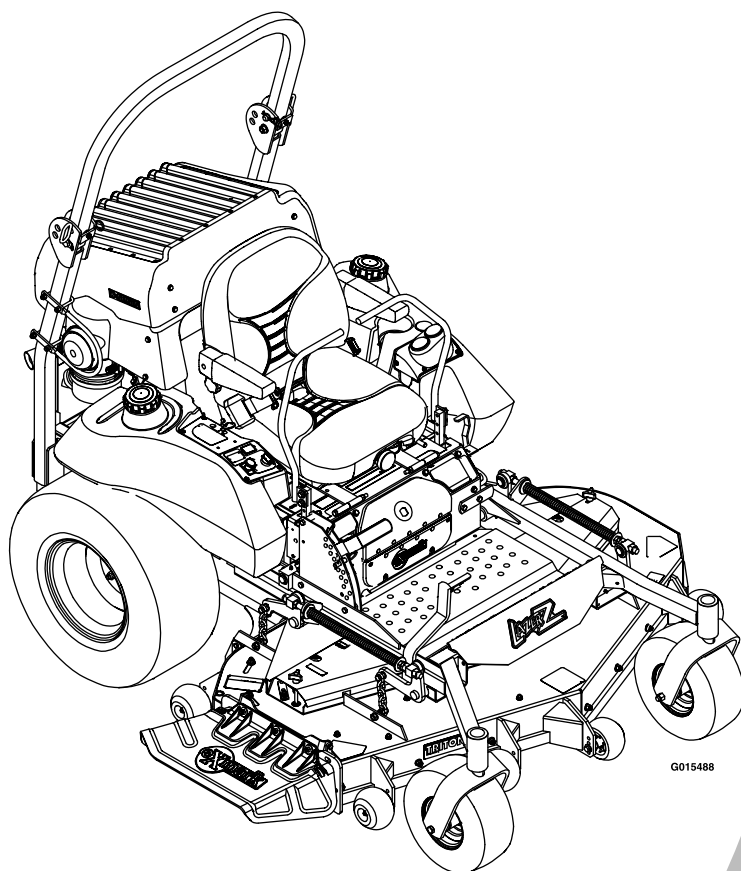




LAZER Z[®] DS-SERIES

Model No. LZDS902K60RD—Serial No. 313000000 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	HLH: hex lag head	PTH: phillips truss head
ASM: assembly	HOC: height-of-cut	PTO: power-take-off
BBC: blade brake control	HP: high pressure	RH: right hand
BHTF: button head thread forming	HSBH: hex socket button head	ROPS: roll-over protection system
CARR: carriage	HSFH: hex socket flat head	RRB: rear roller brush
CCW: counter clockwise	HSH: hex socket head	SFH: slotted fillister head
CW: clockwise	HWH: hex washer head	SHH: slotted hex head
DEG: degrees	HWHTF: hex washer head thread forming	SHWH: slotted hex washer head
DPA: Dual Point Adjustment	HYD: hydraulic	SPH: slotted pan head
ECM: electronic control module	LH: left hand	SQH: square head
EXT: external	LP: low pressure	SRH: slotted round head
FH: flat head	LPG: Liquefied Petroleum Gas	STD: standard
GA: gauge	NI: nylon insert	TAP: self tapping
HD: heavy-duty	NPTF: national pipe thread fine	TTH: torx truss head
HF: hex flange	PFH: phillips flat head	
HH: hex head	PPH: phillips pan head	
HHF: hex head flange	PPHTF: phillips pan head thread forming	
HHFTF: hex head flange thread forming	PRH: phillips round head	
HJ: hex jam		

Touch Up Paint

Exmark black touch up spray paint – gloss black.

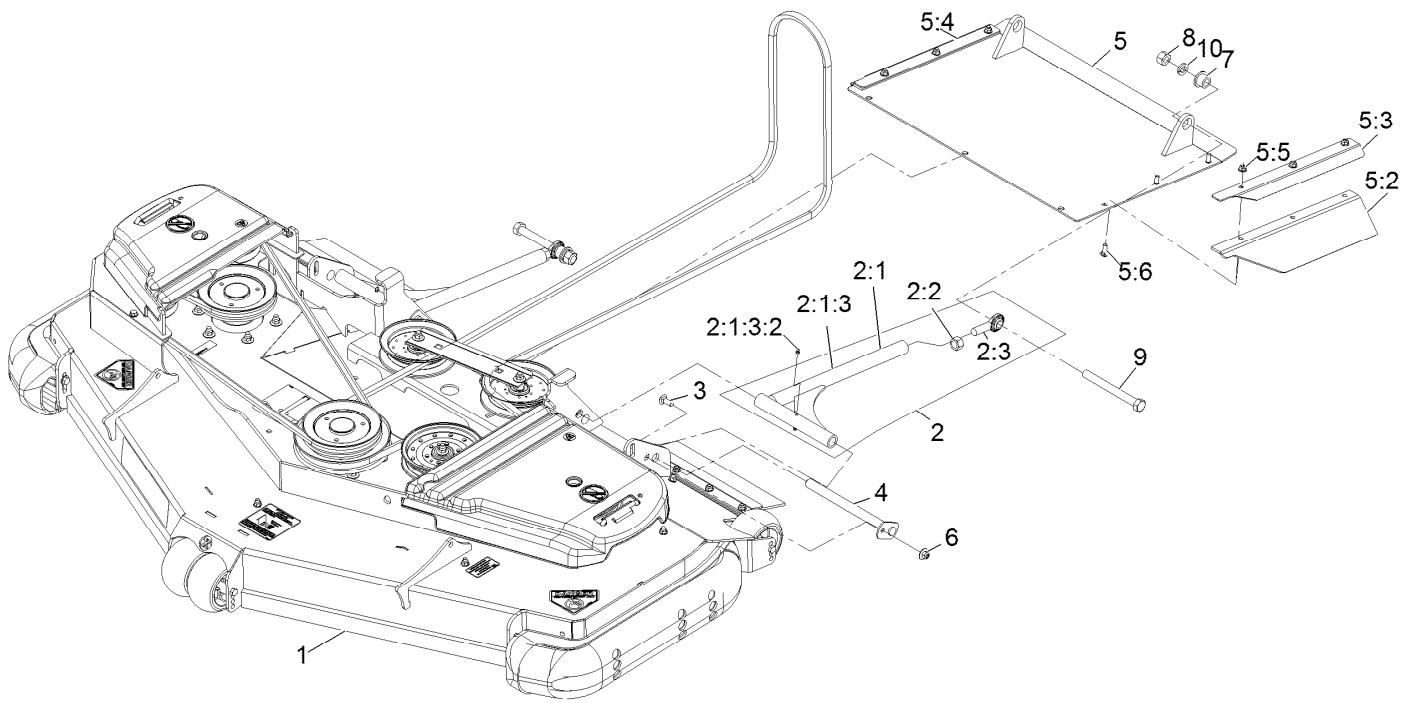
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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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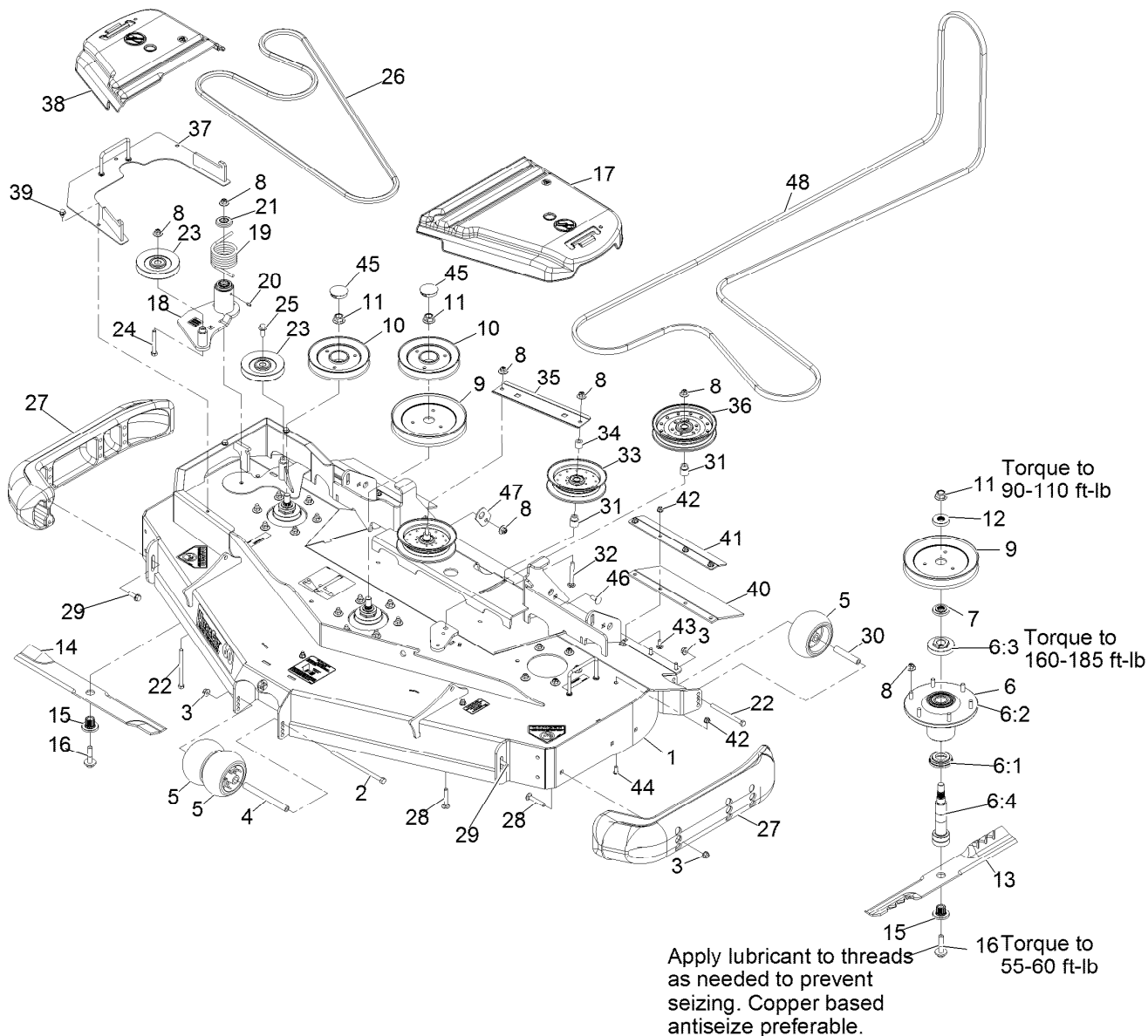


Complete Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-9146	1	ASM-Deck Complete Rd60
2	103-8543	2	Asm, Strut 60"
2:1	109-1184	1	Wld, Deck Strut-Std 60
2:1:3		1	Tube And Zerk ASM ●
2:1:3:2	109-1380	2	Fitting-Grease
2:2	3219-6	1	Nut-Hex 5/8-18
2:3	1-633029	1	Balljoint
3	3231-2	2	Bolt-Carriage 3/8-16 X 1
4	1-632199-01	2	Pin-Strut
5	116-8488	1	ASM-Discharge Tunnel Rd60

Ref.	Part Number	Qty.	Description
5:2	116-8484	2	Flap-Rd Tunnel Side
5:3	116-8485-03	1	Brkt-Rd Tunnel Flap LH
5:4	116-8490-03	1	Brkt-Rd Tunnel Flap RH
5:5	104-8300	6	Nut-Nyloc 5/16-18 Flg
5:6	3230-16	6	Bolt-Carriage 5/16-18 X 7/8
6	109-6658	2	Nut-Nyloc 3/8-16 Flg
7	92-9252	2	Bushing-Flange
8	3217-11	2	Nut-Hex 5/8-11
9	1-800344	2	Screw-HH 5/8-11 X 6
10	3253-8	2	Washer-Lock 5/8

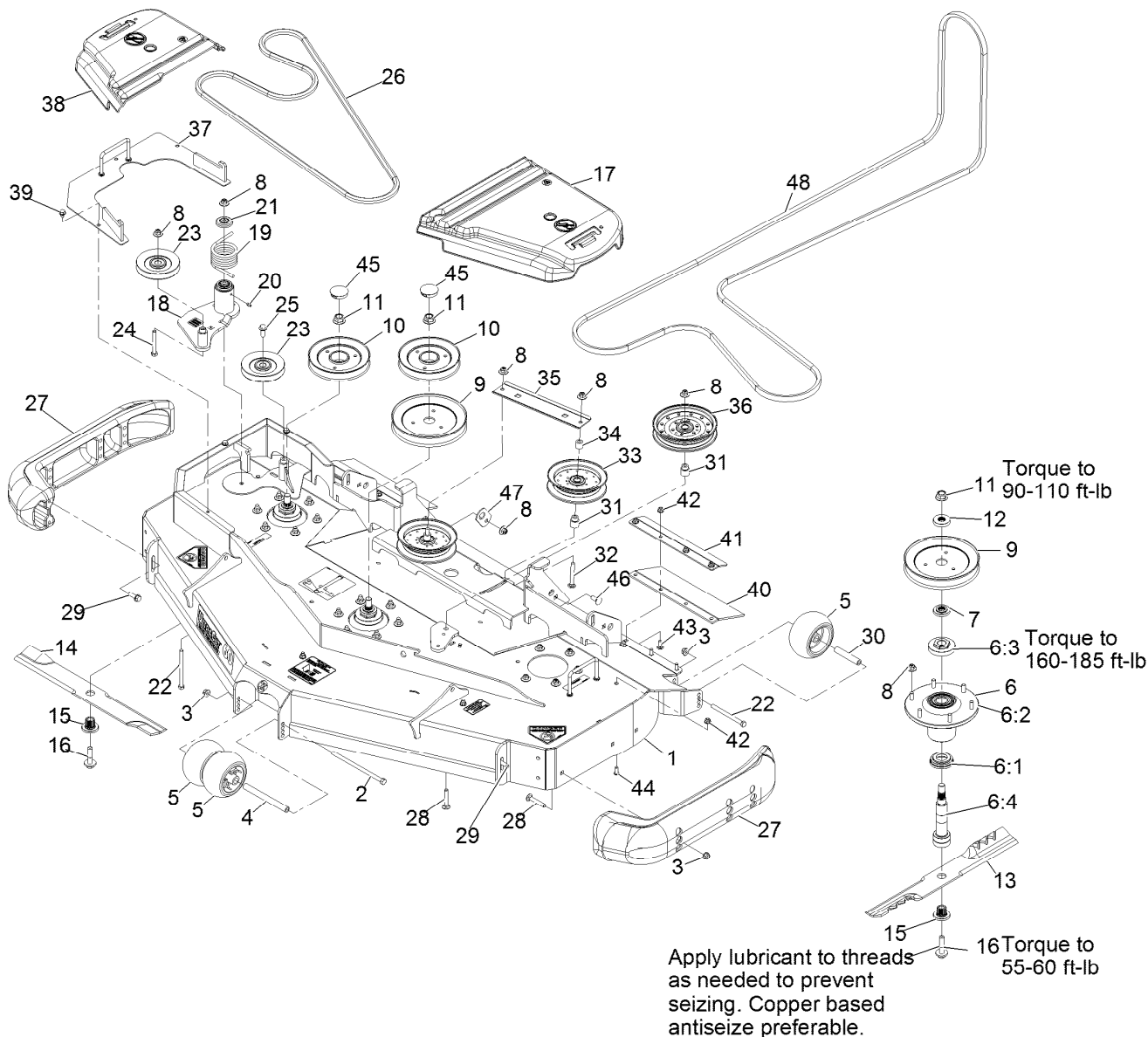
● Not serviced separately



Deck Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-7978	1	Deck-Rd60, W/Decals	14	116-8181	1	Blade-Extreme 2-20.50, Rd60
2	108-5388	1	Screw-HH	14	116-8196	1	Blade-Low Lift 20.5, Rd60
3	104-8301	3	Nut-Nyloc 3/8-16 Flg	15	103-3037	3	Bushing, Splined
4	98-5967	1	Spacer-Wheel	16	109-9220	3	Screw-Sems 1/2-20 X 2.19
5	1-603299	4	Roller-Scalp, Anti	17	109-6938	1	Cover-Belt, LH
6	109-6917	3	ASM,Spindle Housing	18	116-8194	1	ASM-Deck Idler
6:1	103-9504	1	Guard, Bottom	19	108-1921	1	Spring-Torsion
6:2	103-9539	1	Asm, Cutter Housing	20	302-19	1	Zerk-1/4-28 Str
6:3	109-0916	1	Nut, Spindle 7/8-14	21	103-2916	1	Guard-Top
6:4	109-6881	1	Spindle,Double Spline ●	22	323-23	3	Screw-HH 3/8-16 X 4-1/2
7	103-9522	3	Spacer, Splined Stepped	23	116-8186	2	Sheave-4.14 A-Sec Eod
8	109-6658	25	Nut-Nyloc 3/8-16 Flg	24	323-13	1	Screw-HH 3/8-16 X 2 3/4
9	109-9511	2	Sheave,Blade Drive 7.25	25	3234-11	1	Screw-HH Flg 3/8-16 X 1
10	116-8193	2	Sheave-Rd, Reverse Drive	26	116-8187	1	Belt
11	109-7033	3	Nut-Flange 5/8-18 Centerlock	27	112-1479	2	Skid-Bumper, Deck
12	103-9523	1	Spacer, Splined	28	3231-7	1	Bolt-Carriage 3/8-16 X 2 1/4
13	116-5174	2	Blade-Extreme 2, 20.50"	29	9136144	2	Screw-HWHTF
13	103-6388	2	Blade, Low Lift	30	98-7912	2	Tube-Spanner

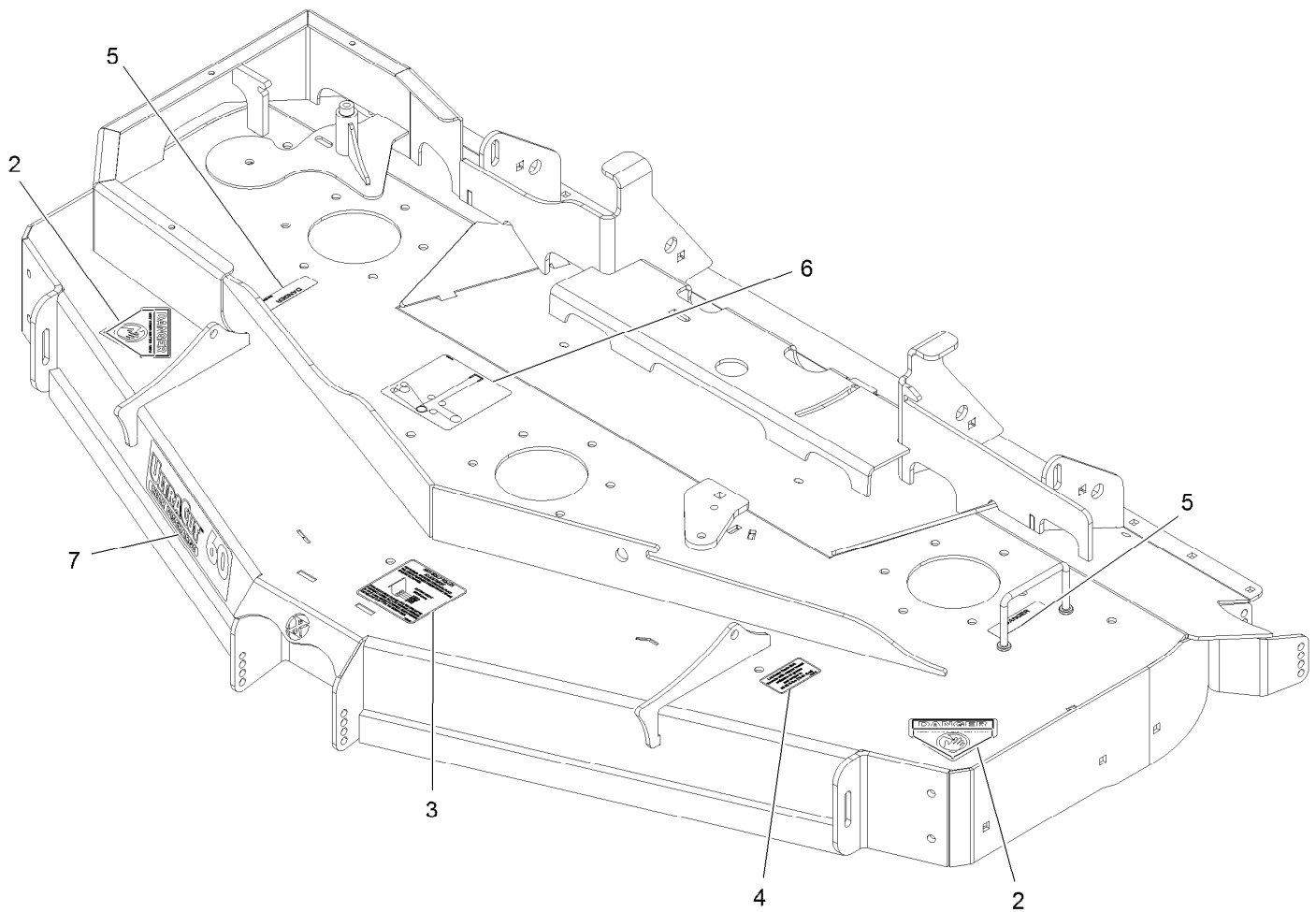
● Apply Mobil HTS grease (P/N 103-5217 1.5 oz packet) (or a food-grade anti-seize). See operator s manual for locations.



Deck Assembly (continued)

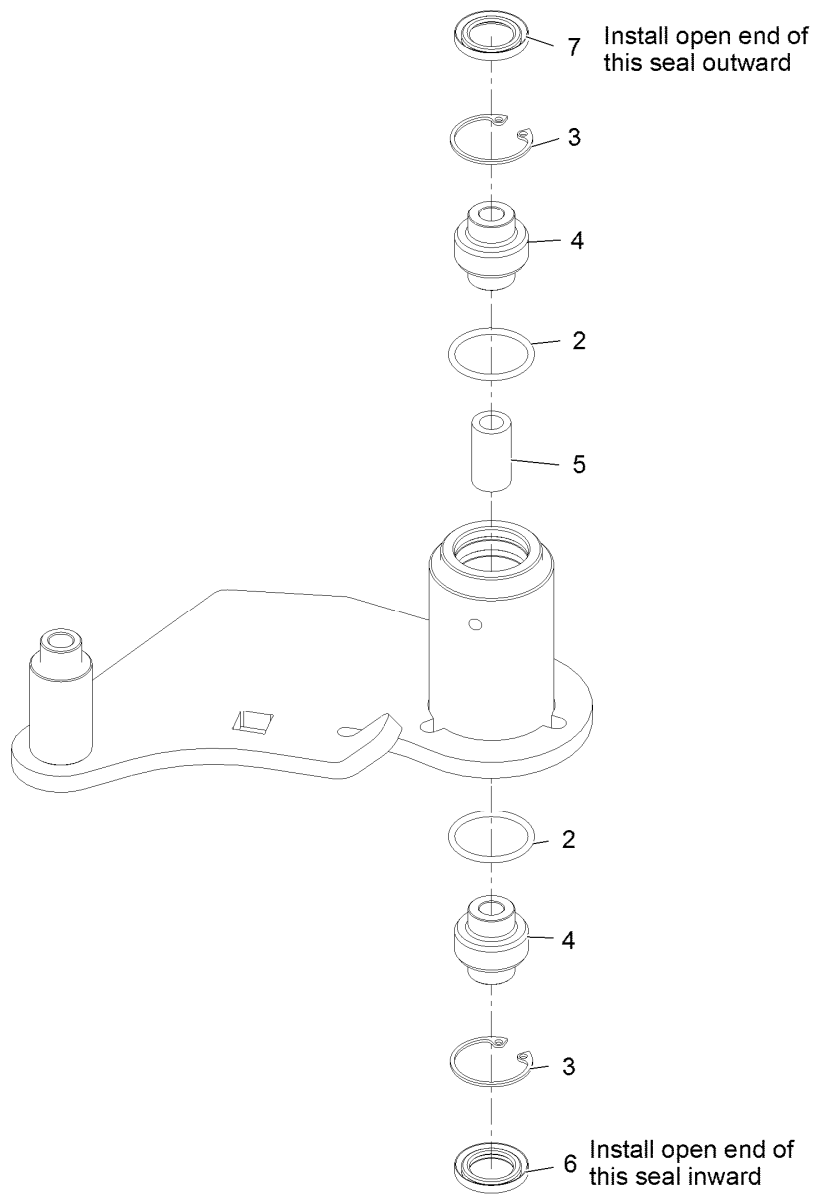
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
31	1-633456	3	Bushing, Idler	41	116-8192-01	2	Support-Outer Flap Rd60
32	3231-9	2	Bolt-Carriage 3/8-16 X 2 3/4	42	104-8300	14	Nut-Nyloc 5/16-18 Flg
33	116-4668	2	Idler-Pulley, Flanged	43	3230-16	8	Bolt-Carriage 5/16-18 X 7/8
34	121-1760	2	Spacer	44	3274-55	6	Screw-Button Head 5/16-18 X 3/4
35	116-8964-01	1	Guide-Rd Belt	45	116-2253	2	Plug,Black Nylon 1.75
36	116-4670	1	Pulley-Idler, Flat	46	3231-2	2	Bolt-Carriage 3/8-16 X 1
37	116-8195-01	1	Cover-Drive Reverse	47	1-633031-01	2	Plate,Deck Strut
38	116-8190	1	Cover-Belt, RH	48	116-9202	1	Belt-V
39	9266934	3	Screw-HWH 5/16 X 1/2 Tf				
40	116-8191	2	Guard-Tire				

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



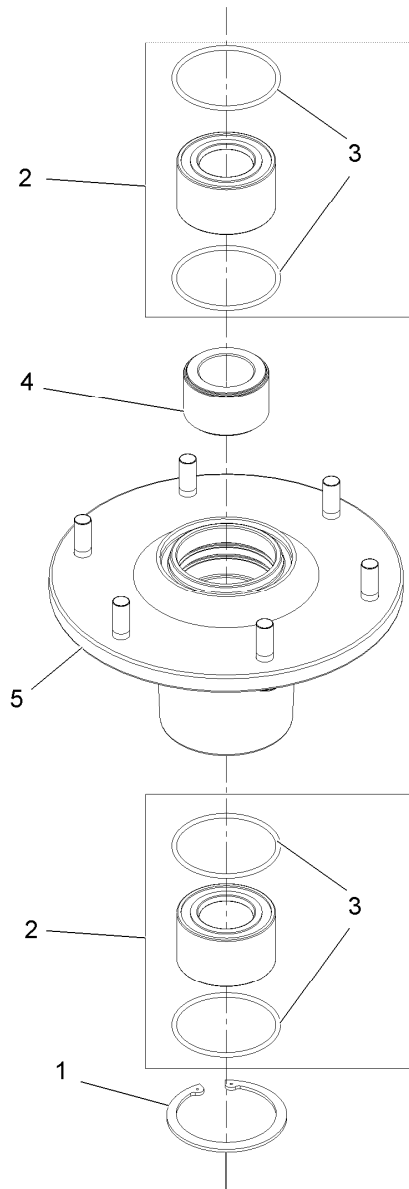
Deck W/Decals Assembly No. 116-7978

Ref.	Part Number	Qty.	Description
2	1-403005	2	Decal-Danger
3	1-633922	1	Decal, Anti-Scalp
4	109-3148	1	Decal, Bolt Torque
5	98-5954	2	Decal-Missing Cover
6	116-8598	1	Decal,Belt Routing Rd Decks
7	116-8599	1	Decal,Rear Discharge 60



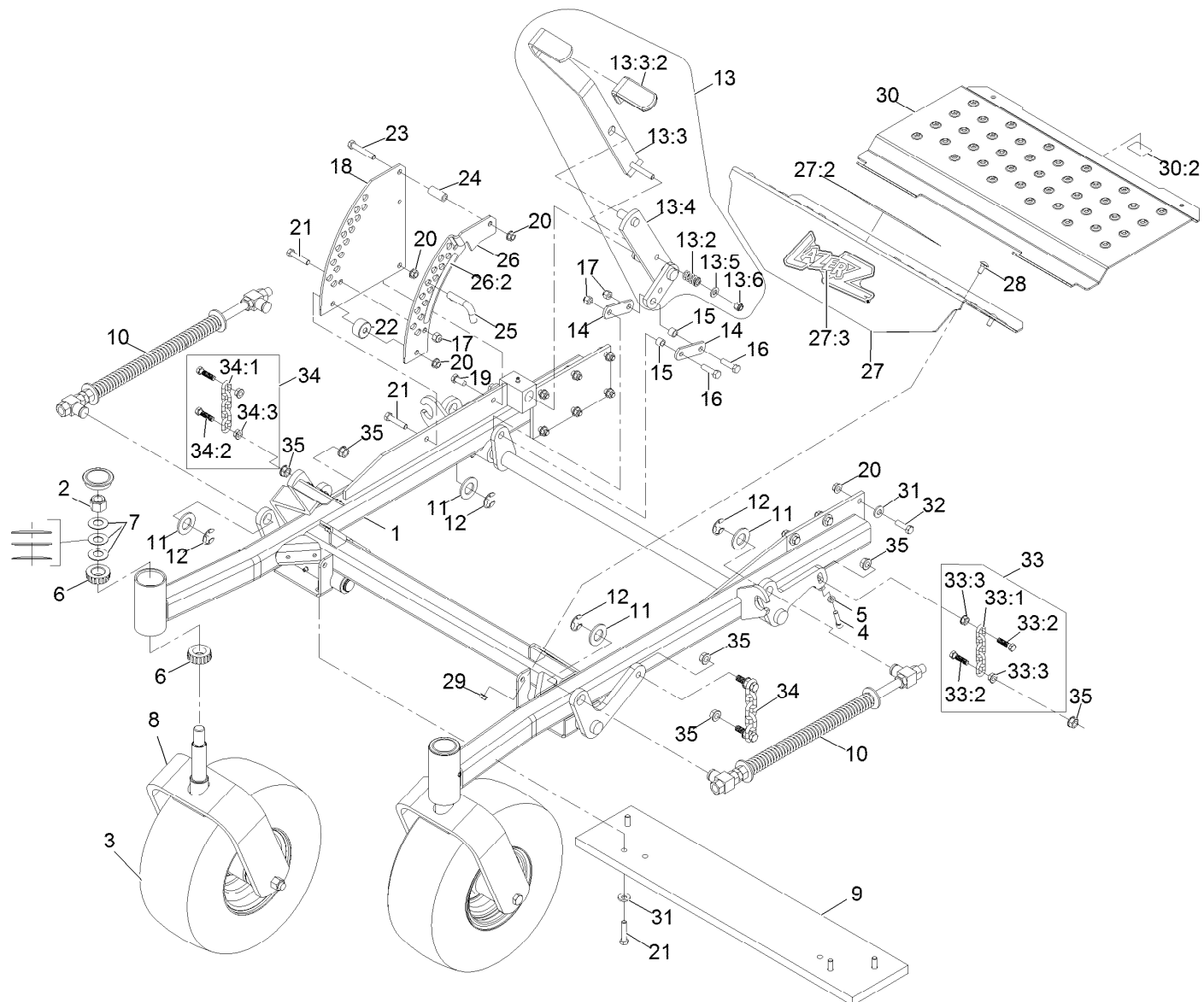
Deck Idler Assembly No. 116-8194

Ref.	Part Number	Qty.	Description
2	106-7159	2	O-Ring
3	32120-10	2	Ring-Snap
4	103-3504	2	Bearing-Spherical
5	1-603401	1	Spacer-Fender
6	103-3505	1	Seal-Double Lip
7	103-3506	1	Seal-Single Lip



Cutter Housing Assembly No. 103-9539

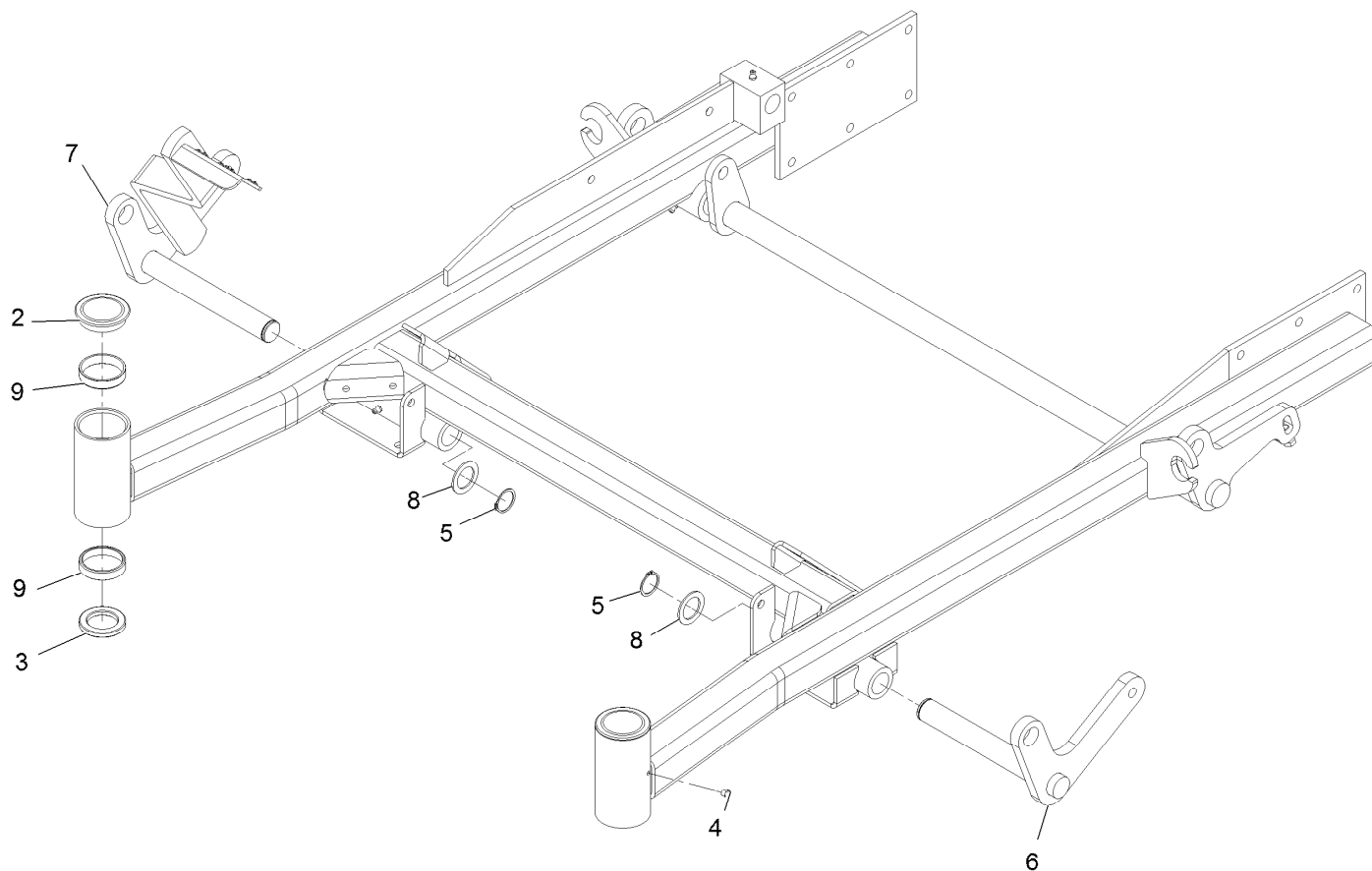
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-5581	1	Ring-Retaining
2	109-2064	1	Asm, Bearing W/O-Rings
3	103-5895	4	O-Ring
4	103-9506	1	Spacer, Bearing
5	109-0764	1	Asm, Housing W/Studs



Front Frame Assembly (continued)

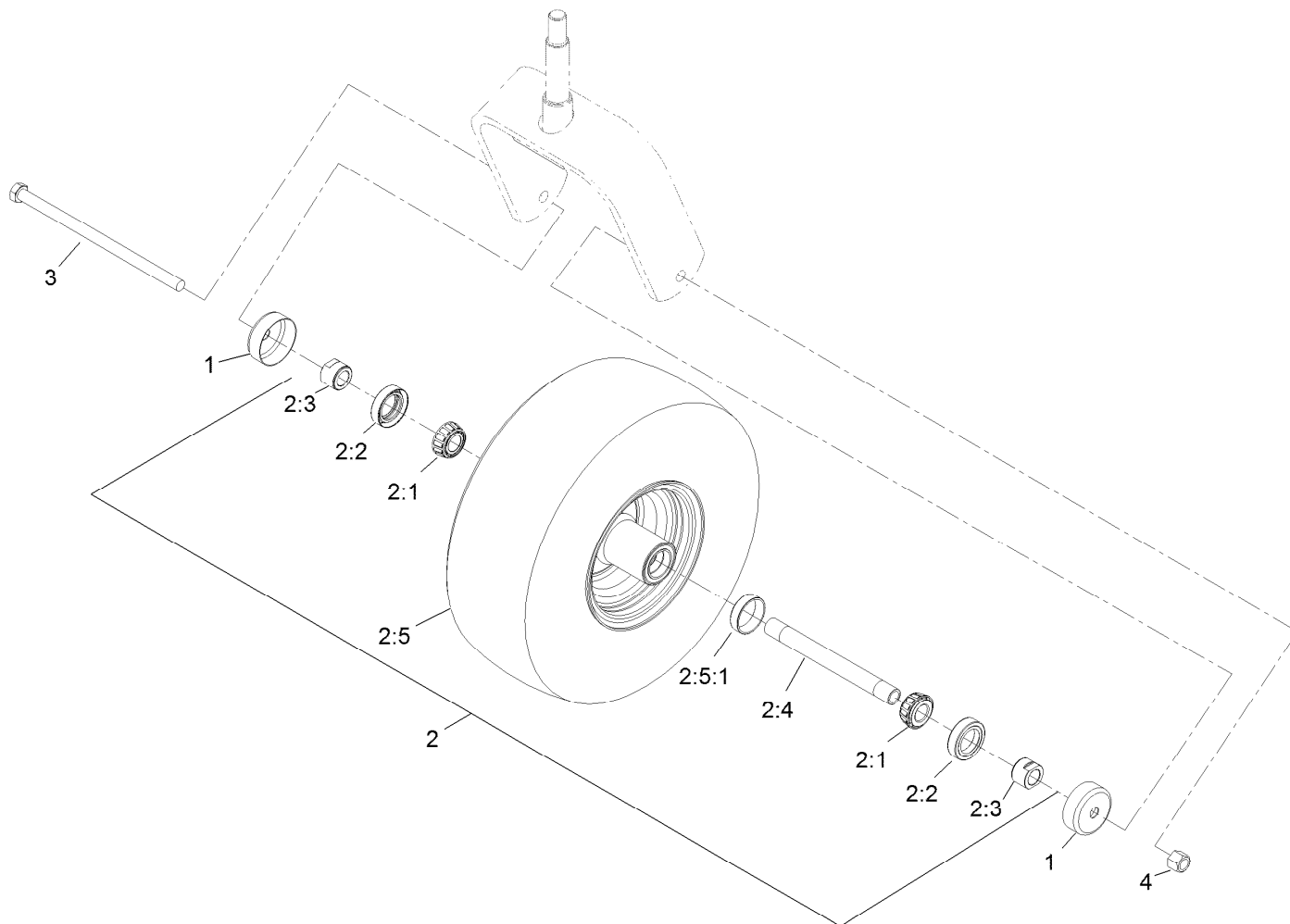
Ref.	Part Number	Qty.	Description
30	109-1902	1	Asm, Floorpan, Liftout (103-8276-01) W/Decal
30:2	1-513748	1	Decal-Guard
31	98-5975	16	Washer-Spring Disc 3/8
32	323-7	12	Screw-HH 3/8-16 X 1 1/4
33	103-9792	2	Deck Chain ASM
33:1	1-633447	1	Chain-Lift, Deck
33:2	103-1898	2	Screw-HH 7/16-20 X 1-5/8 Sp

Ref.	Part Number	Qty.	Description
33:3	32128-37	2	Nut-Whizlock 7/16-14
34	103-9817	2	Deck Chain ASM
34:1	1-633447	1	Chain-Lift, Deck
34:2	103-1898	2	Screw-HH 7/16-20 X 1-5/8 Sp
34:3	32128-37	2	Nut-Whizlock 7/16-14
35	32128-37	8	Nut-Whizlock 7/16-14



Front Frame Assembly No. 116-9409

Ref.	Part Number	Qty.	Description
2	103-4882	2	Cap-Grease
3	116-5647	2	Seal-Grease
4	1-811010	2	Plug
5	32151-29	2	Ring-Retaining
6	103-9741-01	1	Weldmt, Front Lift Shaft (LH)
7	103-9740-01	1	Weldmt, Front Lift W/Lever(RH)
8	1-523157	2	Washer
9	1-543508	4	Cup-Bearing Tapered Roller

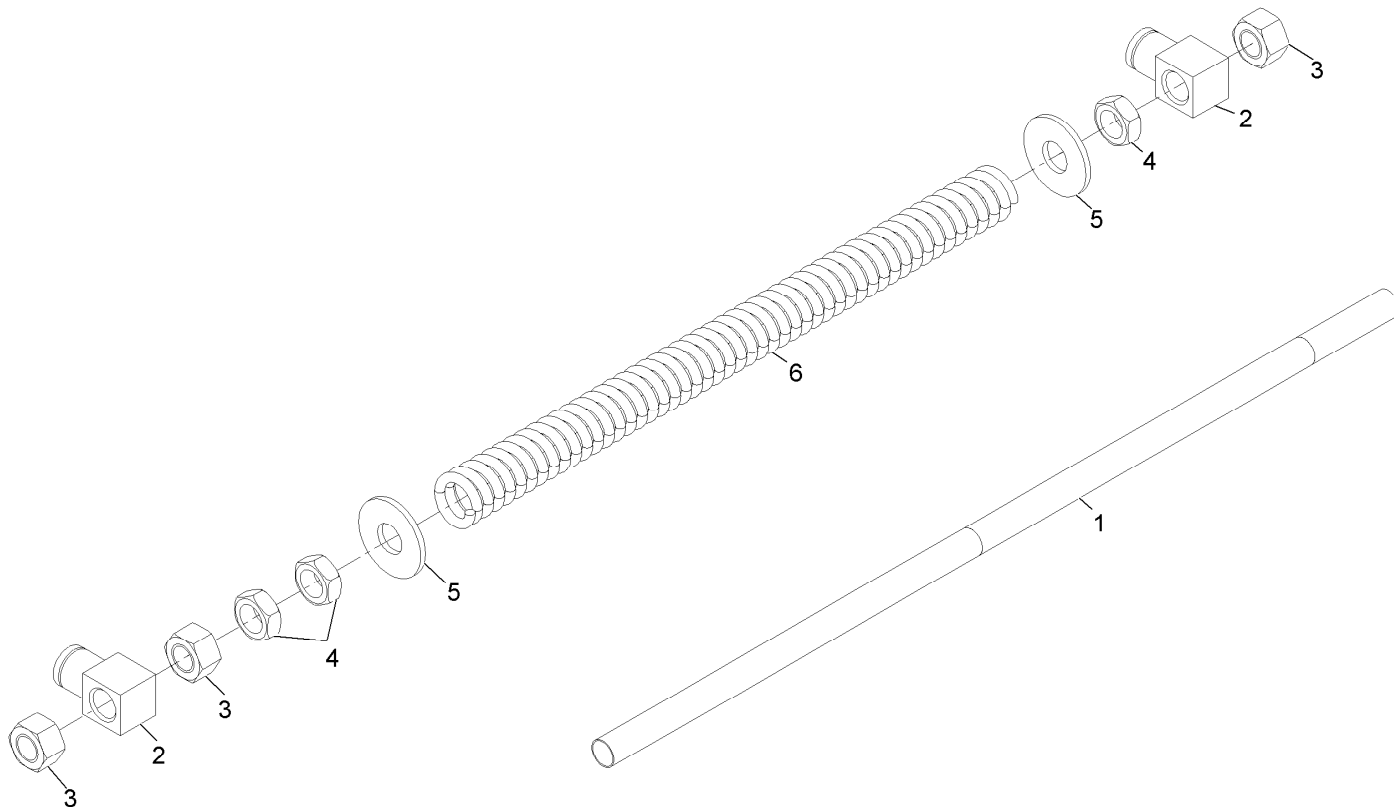


Wheel and Tire Assembly No. 116-8644

Ref.	Part Number	Qty.	Description
1	103-2768	2	Guard-Seal
2		1	ASM-Whl And Tire ●
2:1	1-633585	2	Bearing-Cone Tapered Roller
2:2	103-0063	2	Seal-Double Lip
2:3	103-3051	2	Spacer-Nut ■
2:4	103-5156	1	Axle-Caster
2:5		1	ASM-Wheel Tire 15X6.0-6 ●
2:5:1	1-633584	1	Bearing-Cup
3	325-39	1	Screw-HH 1/2-13 X 9 1/2
4	3296-23	1	Nut-Nyloc 1/2-13

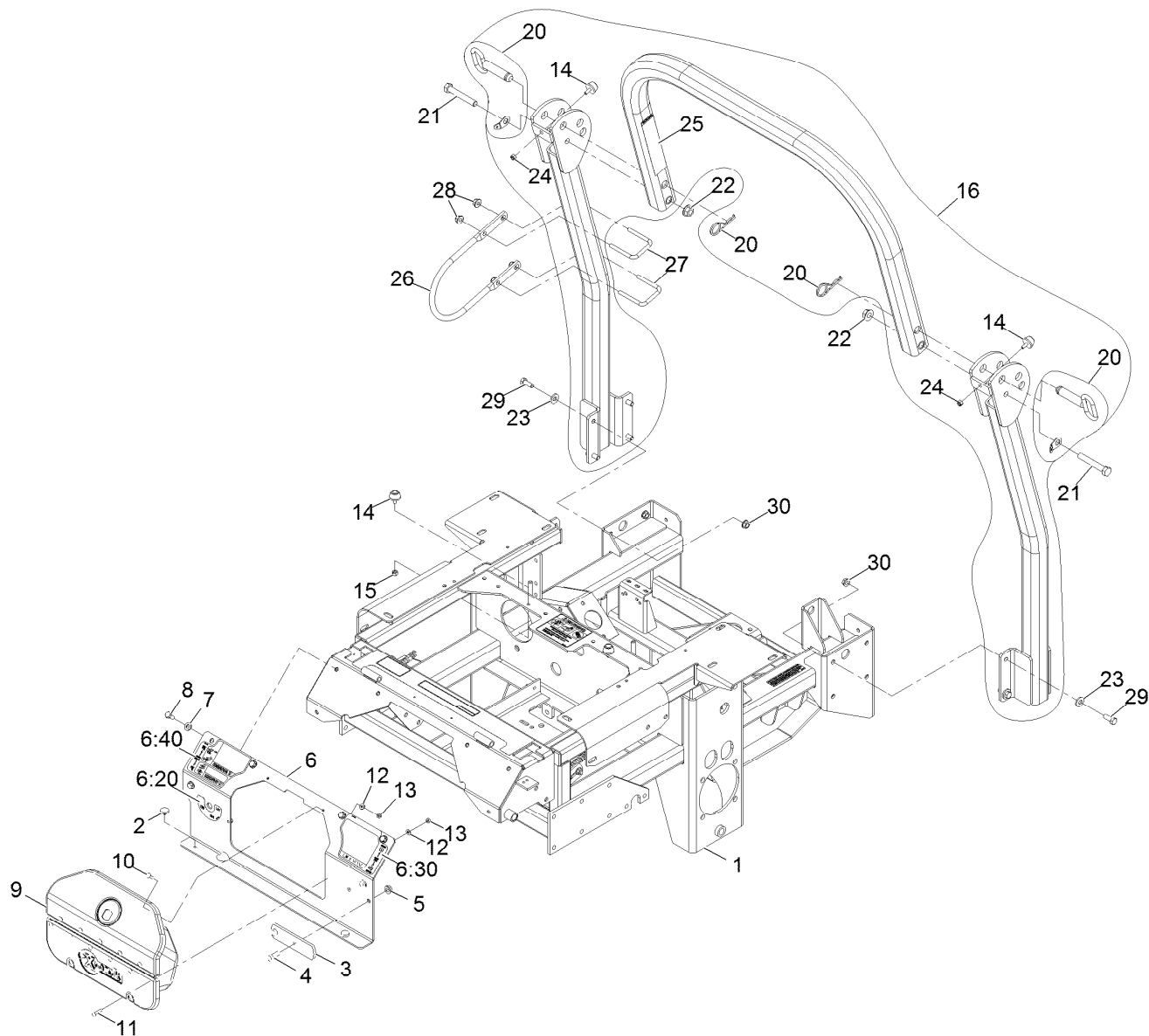
● Not serviced separately

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



Front Frame Spring Assembly No. 1-634439

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-633096	1	Rod-Lift, Deck
2	1-633441	2	Swivel-Deck Mount, Rear
3	3217-11	4	Nut-Hex 5/8-11
4	3218-6	2	Nut-Jam 5/8-11
5	3256-7	2	Washer-5/8 Std
6	1-633064	1	Spring-Support, Deck

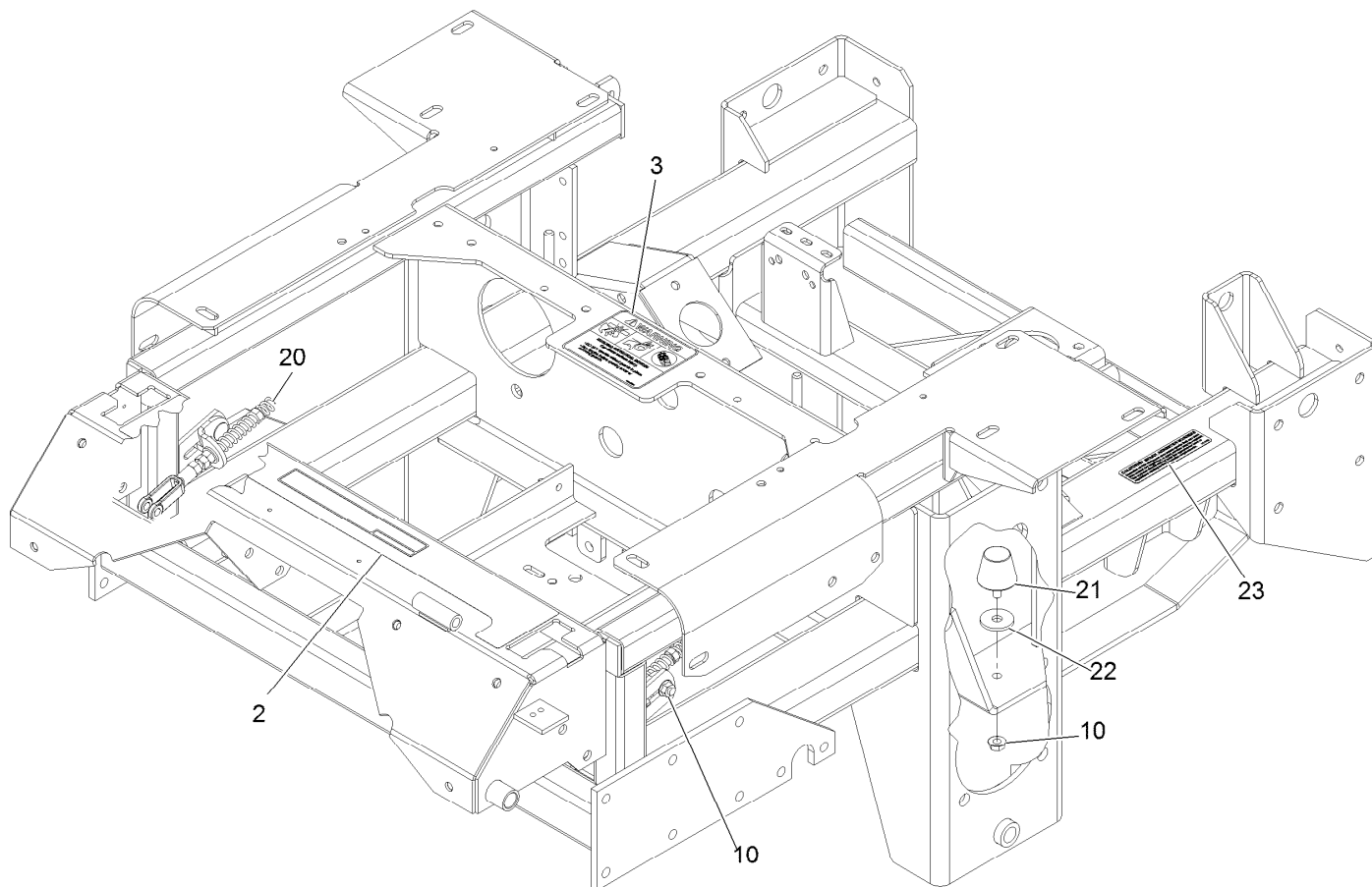


Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	109-3984	1	Asm, Engine Deck (109-3985-03) W/Decals
2	1-513658	2	Bumper
3	1-633964-03	1	Stop-Brake, Park
4	323-6	2	Screw-HH 3/8-16 X 1
5	3290-357	2	Nut-Whizlock 3/8-16
6	109-2075	1	Asm, Console(103-8273-03) W/Decals
6:20	109-1215	1	Decal, Cutting Height
6:30	109-1214	1	Decal, Park Brake
6:40	103-0261	1	Decal-Valve, Fuel
7	3256-23	6	Washer-5/16 Sae
8	322-3	6	Screw-HH 5/16-18 X 3/4
9	103-3666	1	Asm, Cubby
10	1-803075	2	Screw-Truss Head #10-24 X 3/4
11	32122-28	4	Screw-Truss HD #10-24 X 1

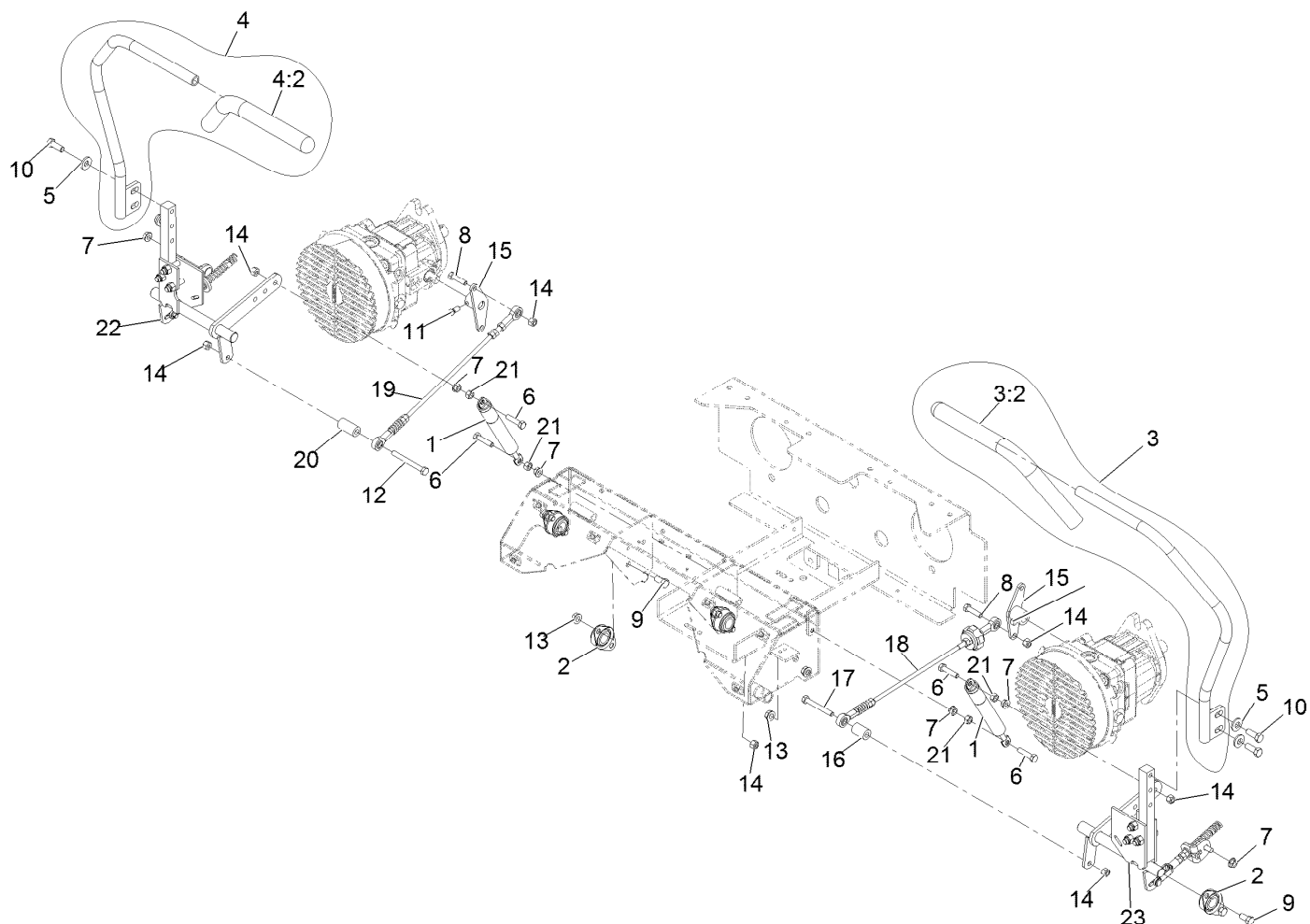
Ref.	Part Number	Qty.	Description
12	3256-14	6	Washer-#10 Std
13	3296-2	6	Nut-Nyloc #10-24
14	109-2365	4	Bumper-Rubber
15	3296-42	2	Nut-Nyloc 1/4-20
16	109-0060	1	Kit, Xp Rops ●
20	103-4553	2	Pin-Fold, ROPS
21	325-13	2	Screw-HH 1/2-13 X 3 1/4
22	32128-23	2	Nut-Hex 1/2-13 Side Lock
23	98-5975	8	Washer-Spring Disc 3/8
24	3296-73	2	Nut-Nyloc 1/4-20
25	107-2102	1	Decal-Warning, Folding ROPS
26	103-7599-03	1	Guard
27	109-2394	2	U-Bolt
28	104-8301	4	Nut-Nyloc 3/8-16 Flg
29	323-6	8	Screw-HH 3/8-16 X 1
30	3290-357	8	Nut-Whizlock 3/8-16

● Includes seat belt assembly



Engine Deck W/Decals Assembly No. 109-3984

Ref.	Part Number	Qty.	Description
2	107-9866	1	Decal-Console, Top
3	109-2264	1	Decal, Warning
10	32128-20	3	Nut-Whizlock 5/16-18
20	109-3903	2	Neutral Return ASM
21	1-543963	1	Bumper-Rubber
22	63-8410	1	Washer
23	117-2718	1	Decal-Arrester, Spark

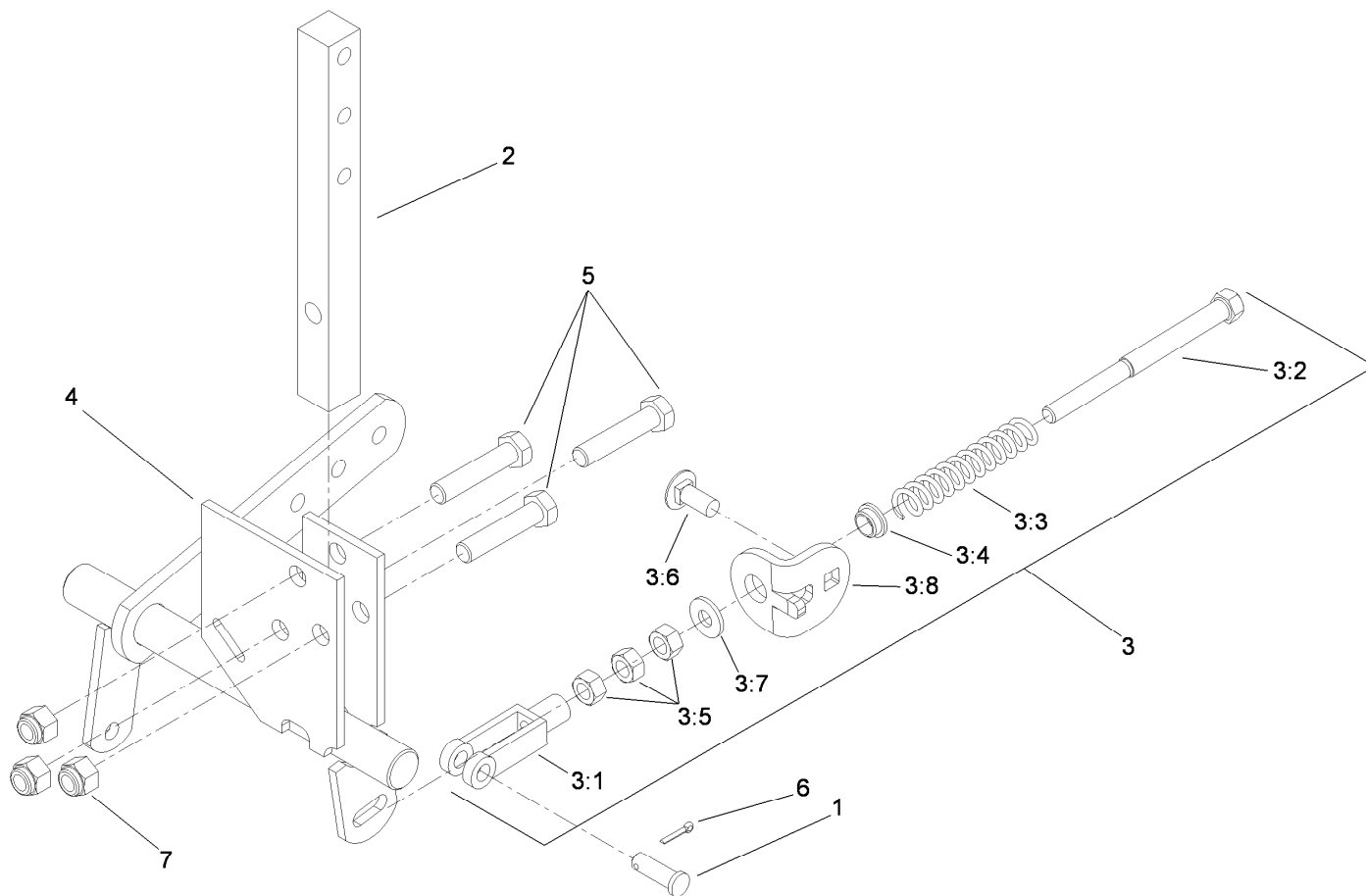


Motion Control Assembly

Ref.	Part Number	Qty.	Description
1	109-2339	2	Damper-Control, Motion
2	1-633102	4	Bearing-Flanged
3	103-3457	1	Handle (103-3326-03) W/Grip (LH)
3:2	103-3456	1	Grip, Motion Control Handle
4	103-3458	1	Handle (103-3327-03) W/Grip (RH)
4:2	103-3456	1	Grip, Motion Control Handle
5	98-5975	4	Washer-Spring Disc 3/8
6	1-403180	4	Screw-HH 5/16-18 X 1 3/8 Special
7	32128-20	6	Nut-Whizlock 5/16-18
8	322-6	2	Screw-HH 5/16-18 X 1 1/4
9	323-4	8	Screw-HH 3/8-16 X 3/4

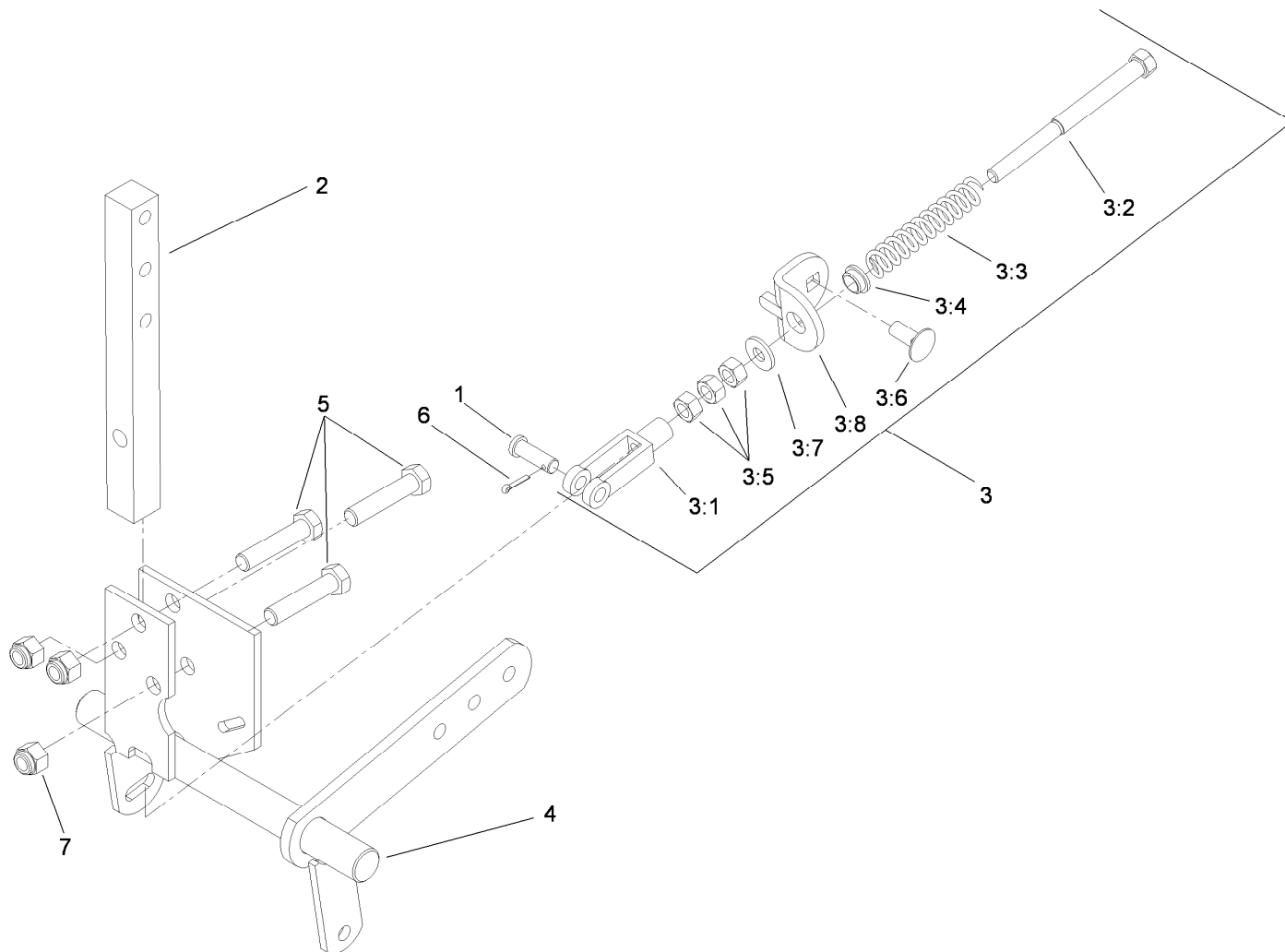
Ref.	Part Number	Qty.	Description
10	323-6	4	Screw-HH 3/8-16 X 1
11	1-803022	2	Setscrew-5/16-18 X 5/8 ●
12	322-14	1	Screw-HH 5/16-18 X 3
13	3290-357	8	Nut-Whizlock 3/8-16
14	3296-29	8	Nut-Nyloc 5/16-18
15	103-0194-03	2	Arm-Control, Hydro
16	103-1361	1	Spacer
17	322-12	1	Screw-HH 5/16-18 X 2 1/2
18	103-3062	1	Tracking Rod ASM
19	103-5190	1	RH HYD Connect Link ASM
20	103-5192	1	Spacer-Control, HYD
21	3217-6	4	Nut-Hex 5/16-18
22	109-3978	1	RH Motion Control ASM
23	109-3979	1	LH Motion Control ASM

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



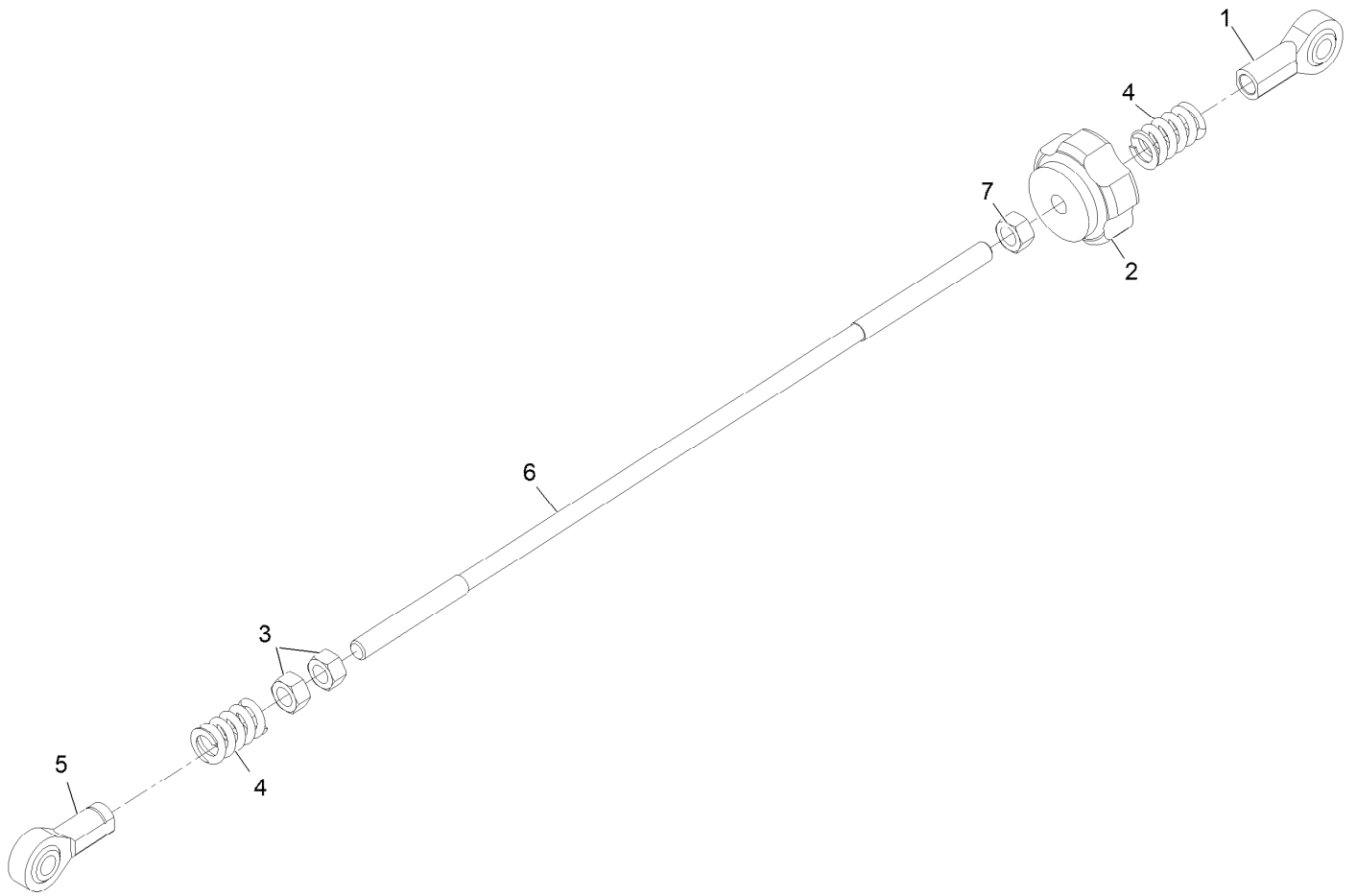
LH Motion Control Assembly No. 109-3979

Ref.	Part Number	Qty.	Description
1	1-808280	1	Pin-Clevis
2	103-0407	1	Arm-Shaft, Control
3	109-3903	1	Neutral Return ASM
3:1	1-303105	1	Yoke-Adjustable
3:2	1-603737	1	Bolt-Return, Neutral
3:3	1-603807	1	Spring-Return, Neutral
3:4	109-3769	1	Bushing-Nylon, Flanged
3:5	3219-2	3	Nut-Hex
3:6	3230-23	1	Screw-CARR
3:7	3256-2	1	Washer-Flat
3:8	109-3908	1	Tab-Adjustment
4	109-3983	1	Control-Motion, LH
5	323-9	3	Screw-HH
6	3272-5	1	Pin-Cotter
7	3296-39	3	Nut-Lock, NI



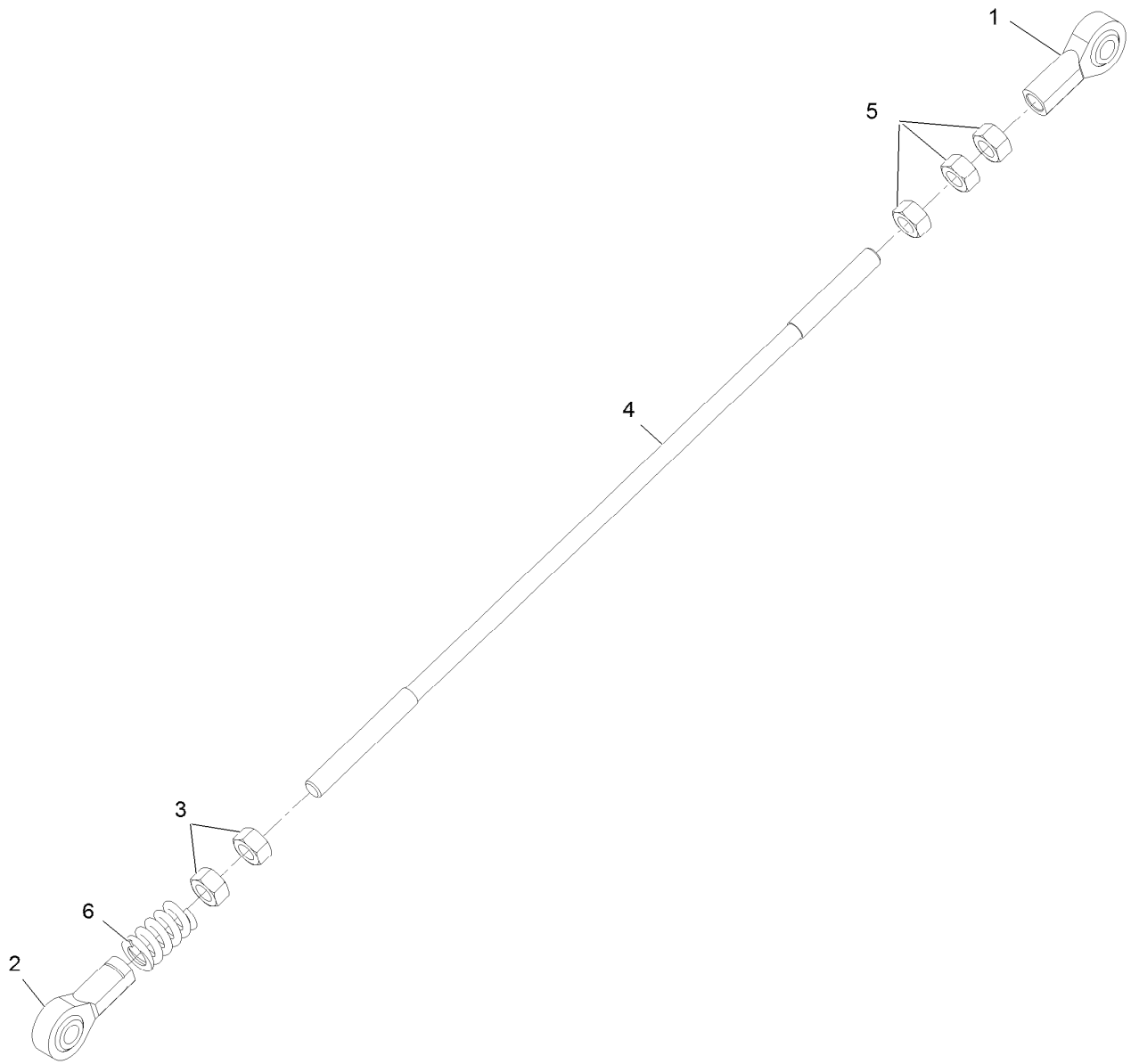
RH Motion Control Assembly No. 109-3978

Ref.	Part Number	Qty.	Description
1	1-808280	1	Pin-Clevis
2	103-0407	1	Arm-Shaft, Control
3	109-3903	1	Neutral Return ASM
3:1	1-303105	1	Yoke-Adjustable
3:2	1-603737	1	Bolt-Return, Neutral
3:3	1-603807	1	Spring-Return, Neutral
3:4	109-3769	1	Bushing-Nylon, Flanged
3:5	3219-2	3	Nut-Hex
3:6	3230-23	1	Screw-CARR
3:7	3256-2	1	Washer-Flat
3:8	109-3908	1	Tab-Adjustment
4	109-3980	1	Control-Motion, RH
5	323-9	3	Screw-HH
6	3272-5	1	Pin-Cotter
7	3296-39	3	Nut-Lock, NI



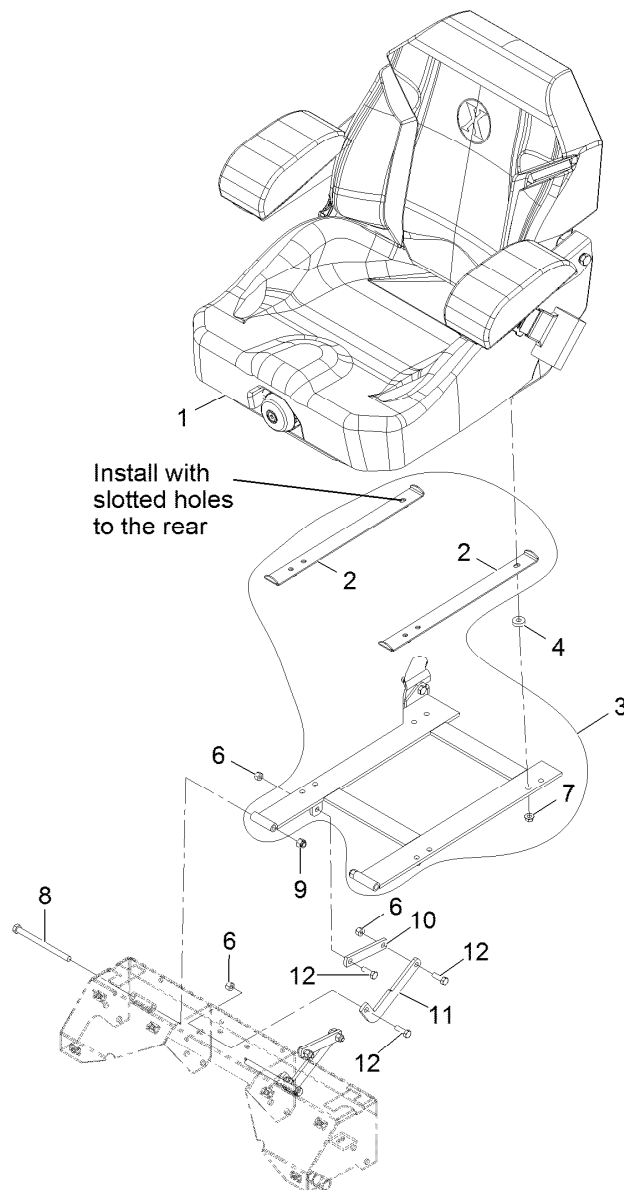
Tracking Rod Assembly No. 103-3062

Ref.	Part Number	Qty.	Description
1	1-543017	1	Balljoint
2	103-3060	1	Knob-Tracking
3	1-804524	2	Nut-Hex 5/16-24 (LH)
4	1-323245	2	Spring-Compression
5	1-633152	1	Balljoint
6	103-3065	1	Link, Hydro Connecting (LH)
7	3219-2	1	Nut-Hex 5/16-24



RH Hydro Connecting Link Assembly No. 103-5190

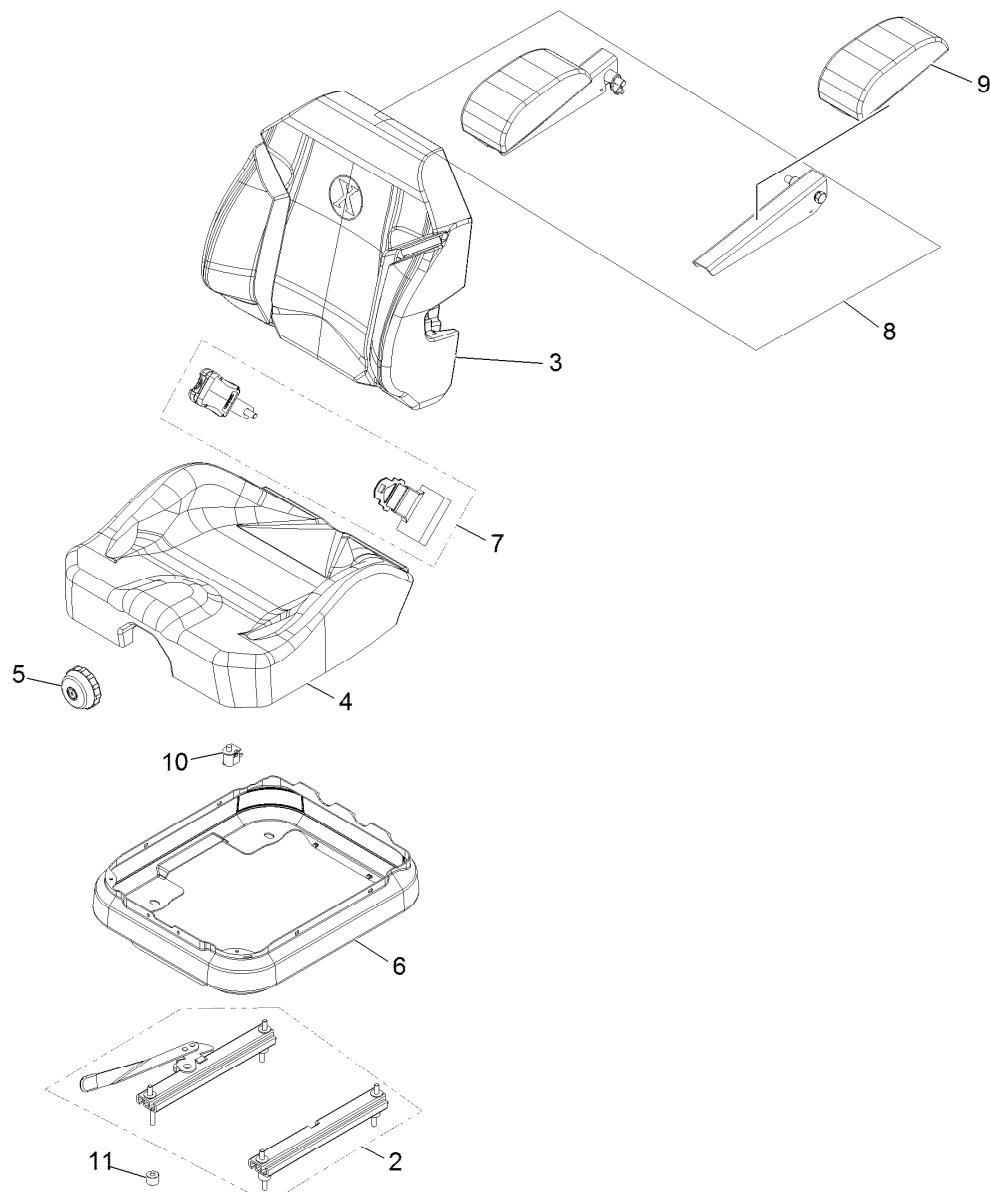
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-543017	1	Balljoint
2	1-633152	1	Balljoint
3	1-804524	2	Nut-Hex 5/16-24 (LH)
4	103-5182	1	Link, Hydro Connecting (RH)
5	3219-2	3	Nut-Hex 5/16-24
6	1-323245	1	Spring-Compression



Seat Assembly

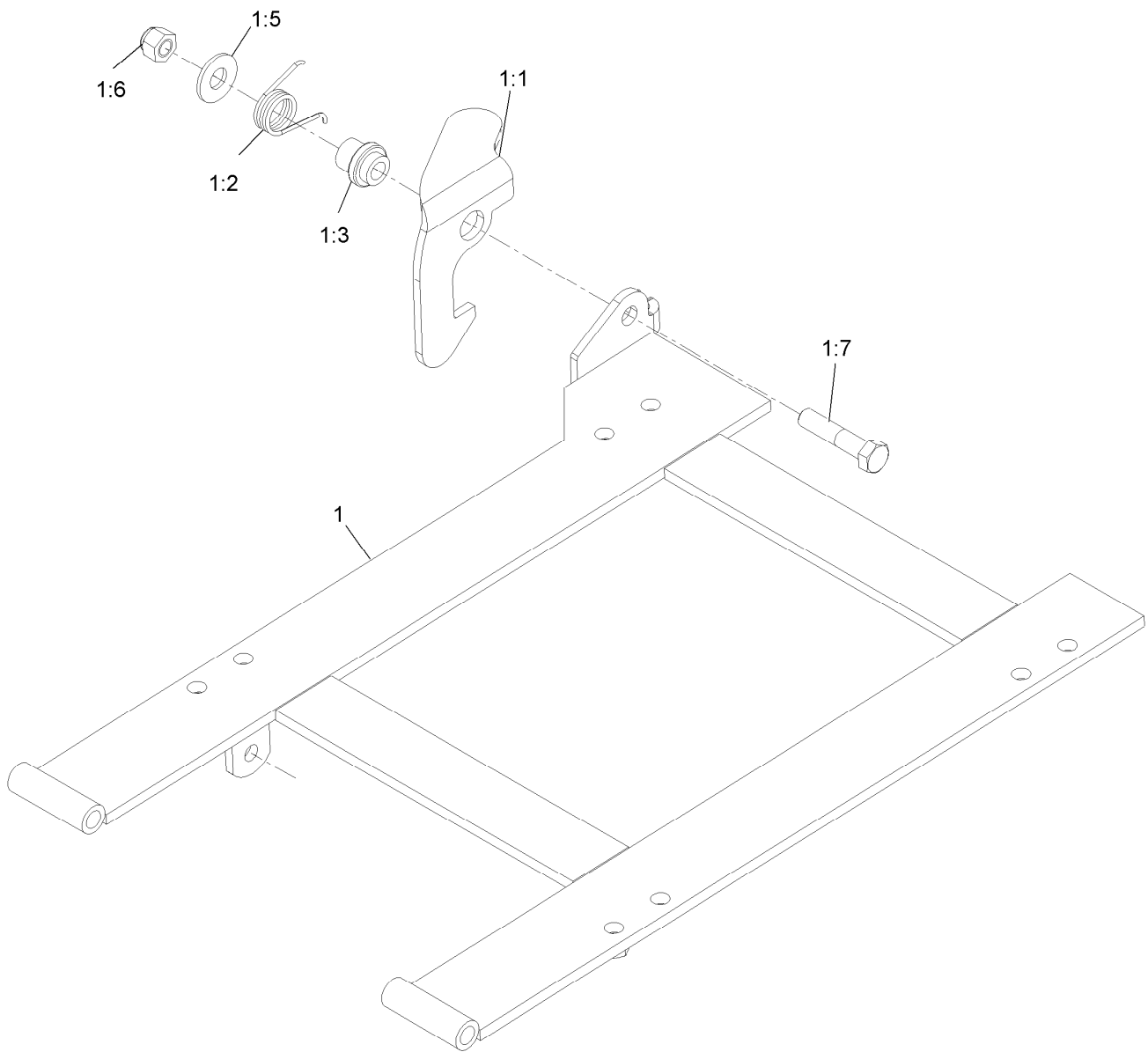
Ref.	Part Number	Qty.	Description
1	116-8912	1	Kit-Suspension Seat
2	1-653282-03	2	Stop/Spacer-Seat
3	109-9228	1	Kit,Seat Frame Service ●
4	26-4840	4	Spacer-Pin, Mounting
6	3296-29	6	Nut-Nyloc 5/16-18
7	32128-20	4	Nut-Whizlock 5/16-18
8	323-39	2	Screw-HH 3/8-16 X 5
9	3296-39	2	Nut-Nyloc 3/8-16
10	103-5161	2	Link-Stop, Seat
11	109-2759	2	Link-Stop, Seat
12	322-5	6	Screw-HH 5/16-18 X 1

● Includes seat belt assembly



Seat W/Tracks Assembly No. 116-8912

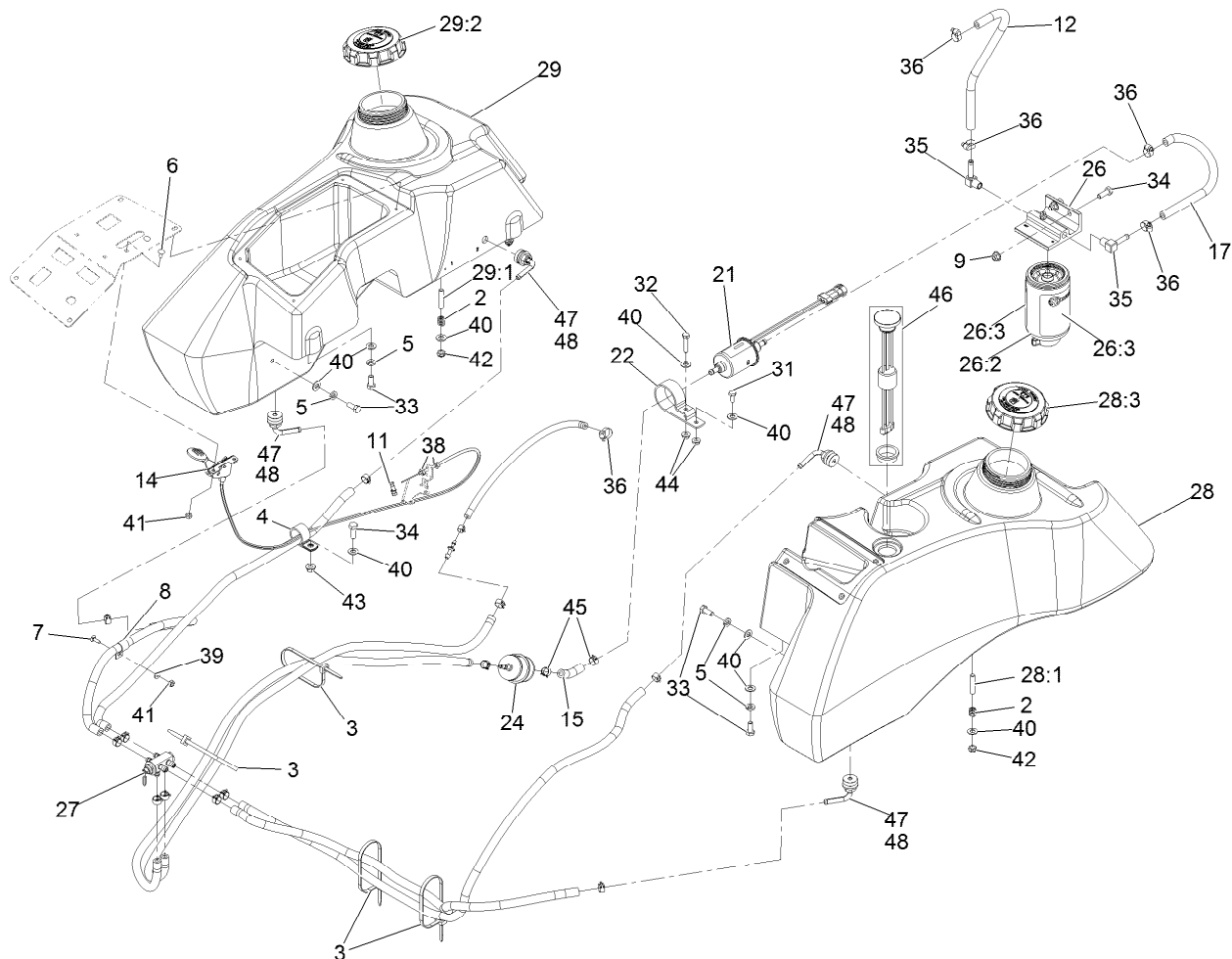
Ref.	Part Number	Qty.	Description
2	116-8910	1	Seat Track Set
3	116-8908	1	Cover-Back 311463Vn500
4	116-8909	1	Cover-Cushion 311464Vn500
5	116-8911	1	Knob-Adjuster
6	116-5659	1	Cover-Suspension Bellows
7	109-9805	1	Seat Belt Kit
8	116-8906	1	Kit-Arm Rest Set
9	116-8905	1	Kit-Arm Rest Pads
10	82-2190	1	Switch
11	116-9329	4	Spacer



Seat Frame Single Latch Assembly

Ref.	Part Number	Qty.	Description
1		1	Seat Frame Single Latch ASM ●
1:1	103-5520	1	Catch-Latch, Single
1:2	103-5519	1	Spring-Torsion, Latch
1:3	107-0075	1	Bushing
1:5	3256-4	1	Washer-3/8 Std
1:6	3296-39	1	Nut-Nyloc 3/8-16
1:7	323-9	1	Screw-HH 3/8-16 X 1 3/4

● Not serviced separately



Fuel Assembly

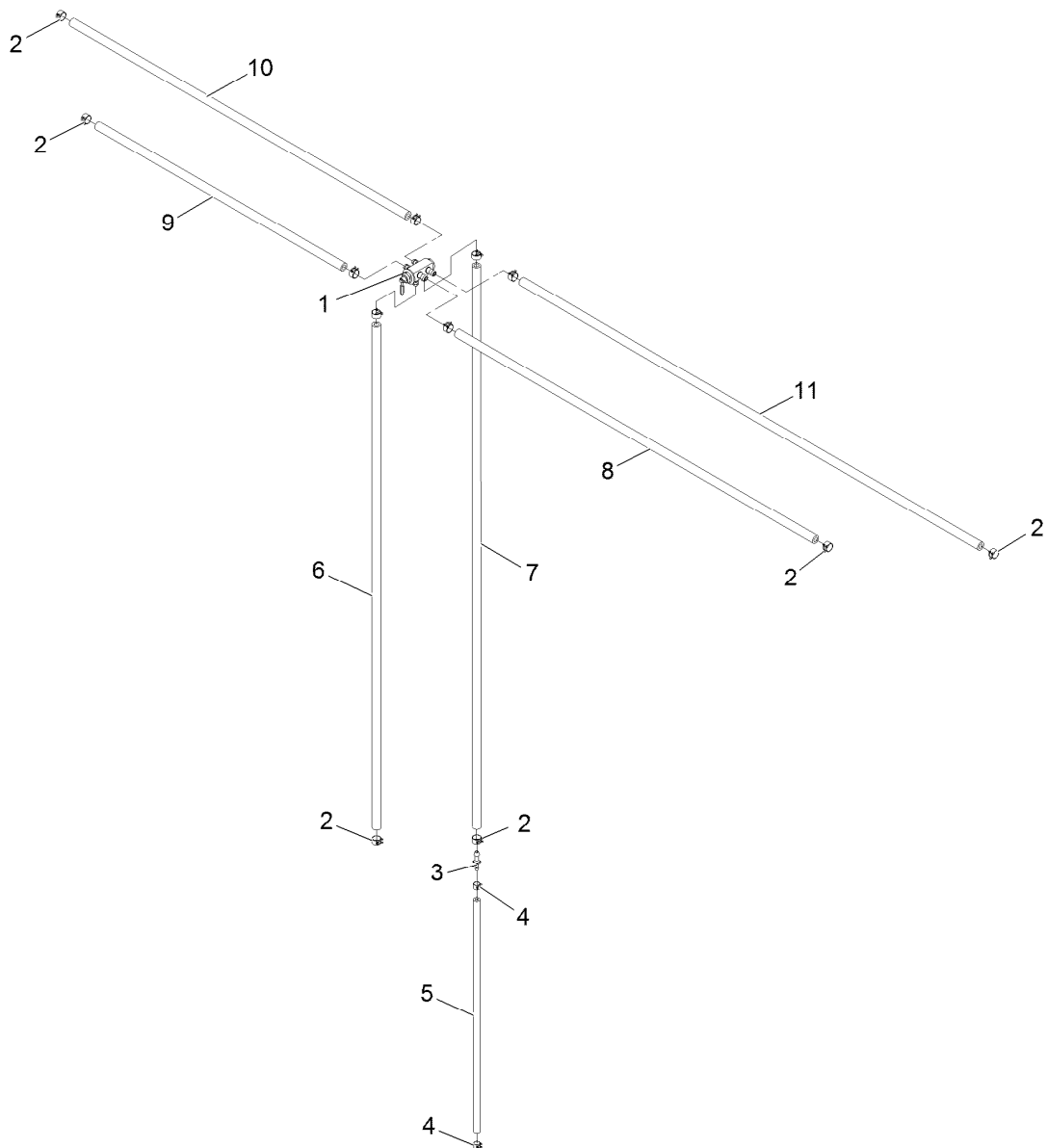
Ref.	Part Number	Qty.	Description
2	1-633349	6	Spring-Tank, Fuel
3	1-643115	4	Tie-Plastic
4	1-643312	1	Clip-Loom
5	1-805005	4	Washer-Lock
6	1-807513	2	Bolt-CARR
7	1-807533	1	Bolt-CARR
8	103-1193	1	Clip-Half, Loom
9	104-8300	2	Nut-Flange, NI
11	108-5928	1	Swivel-Stop, Cable
12	109-0274	1	Hose-Fuel
14	109-6652	1	Cable, Throttle
15	110-0047	1	Hose-Fuel
17	110-4104	1	Hose-Fuel
21	110-8806	1	Pump-Fuel
22	110-8817	1	Bracket-Pump, Fuel
24	112-7836	1	Filter-Inline
26	116-0290	1	ASM,Fuel Filter
26:2	116-0289	1	Filter,Fuel
26:3	116-1559	2	Decal,Exmark Filter
27		1	ASM, Fuel Valve-Hoses ●
28	116-0141	1	ASM,Fuel Tank Lxs LH
28:1	1-633023	3	Stud ▲

Ref.	Part Number	Qty.	Description
28:3	114-5062	1	Cap-Biodiesel
29	116-0142	1	ASM, Fuel Tank Lxs RH
29:1	1-633023	3	Stud ▲
29:2	114-5062	1	Cap-Biodiesel
31	321-3	1	Screw-HH
32	321-8	1	Screw-HH
33	322-3	4	Screw-HH
34	322-4	3	Screw-HH
35	353-707	2	Fitting-HYD, 90 DEG
36	2412-108	5	Clamp-Worm
38	3220-1	2	Nut-Jam
39	3256-14	1	Washer-Flat
40	3256-23	13	Washer-Flat
41	3296-2	3	Nut-Lock, NI
42	3296-47	6	Nut-Lock, NI
43	32128-20	1	Nut-HF
44	32128-33	2	Nut-HF
45	92-2379	2	Clamp-Hose
46	103-6564	1	Kit, Fuel Gauge
47	116-0968	1	Fitting,Fuel Bulkhead W/O Screen ■
48	103-2784	1	O-Ring

● Not serviced separately

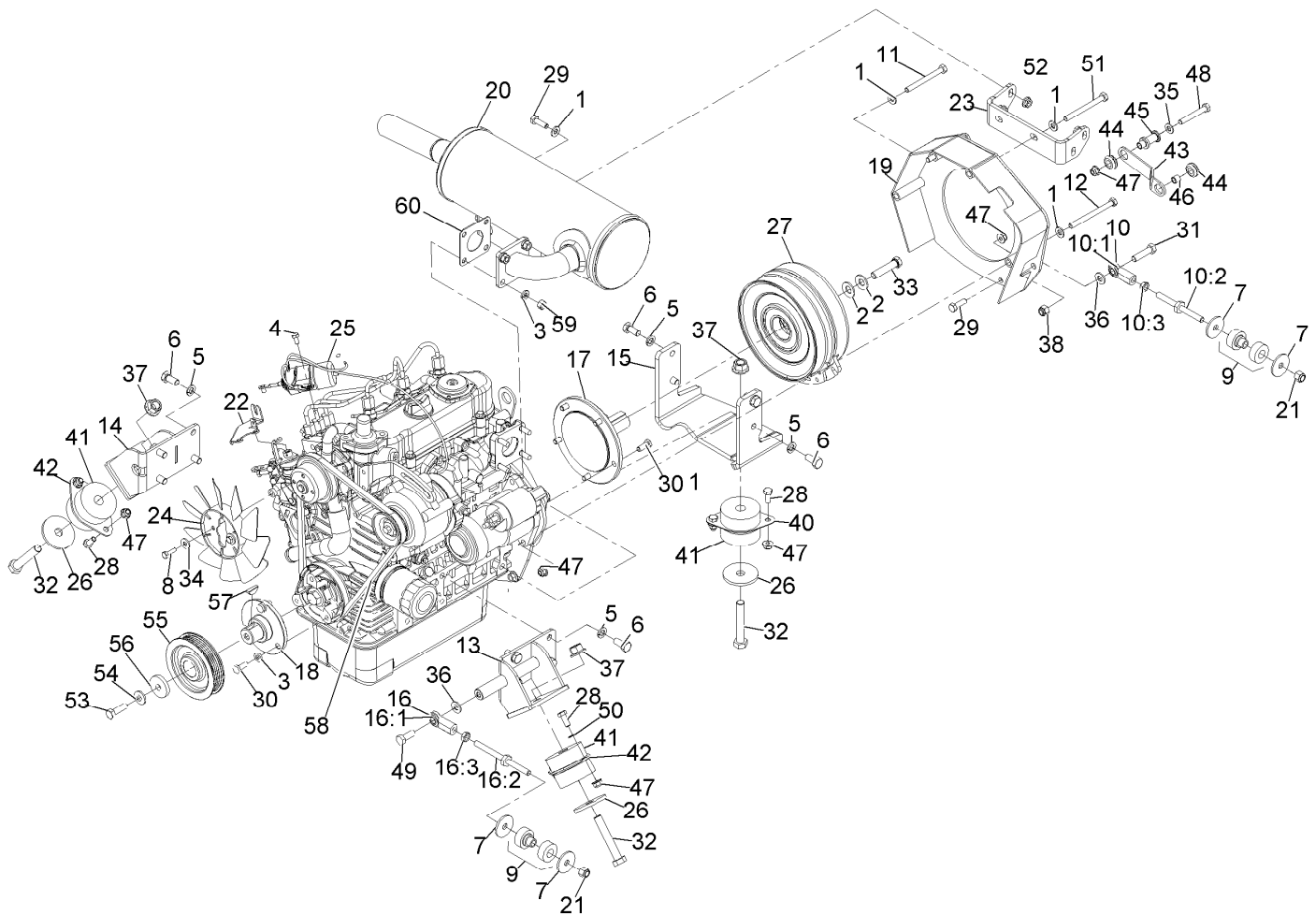
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.

▲ Use Pro-Lock retaining type, Part no. 1-840023 (.5cc tube) on threads.



Fuel Valve Hose Assembly

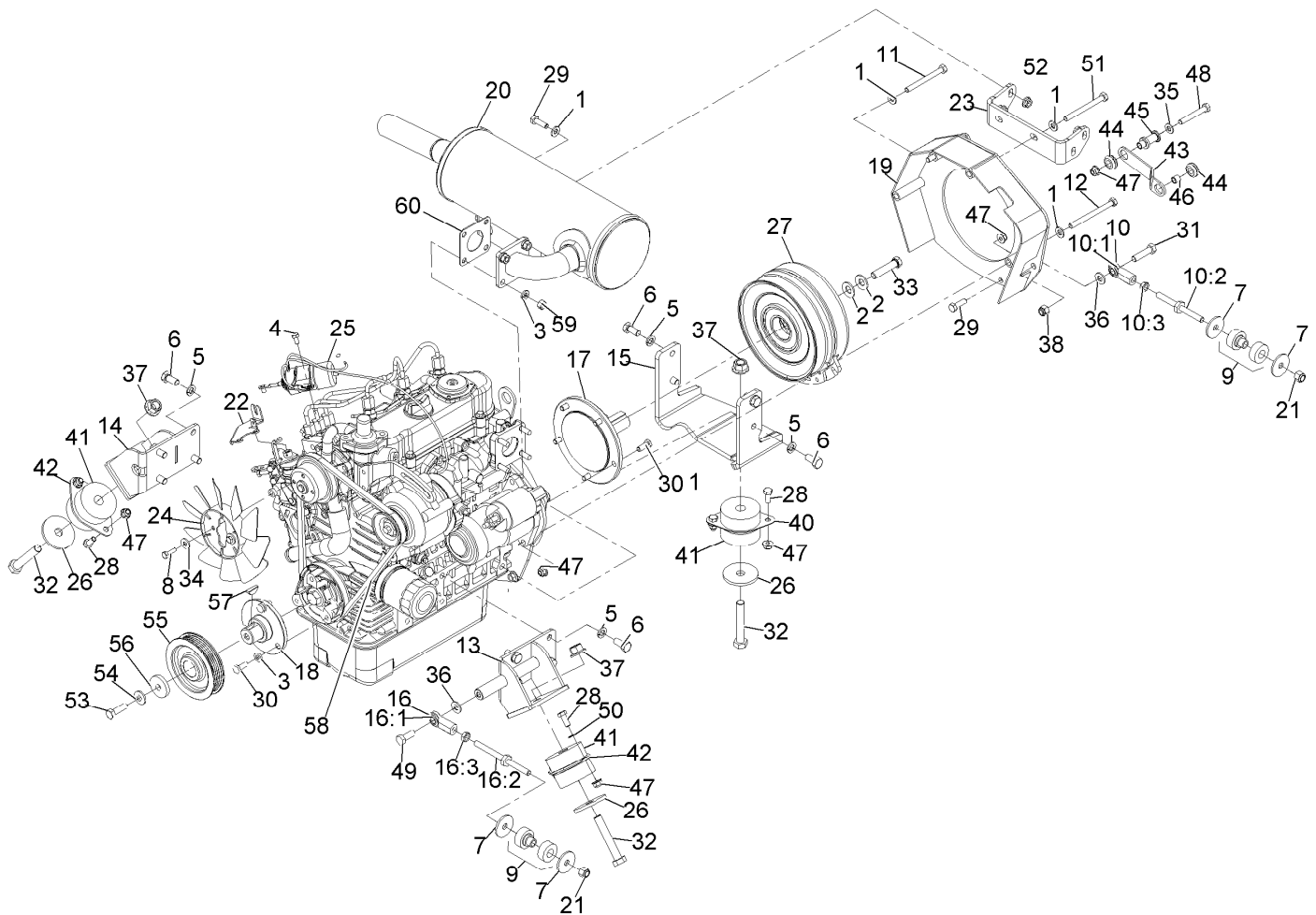
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-0973	1	Valve,Fuel Selector 5/16
2	92-2379	12	Clamp-Hose
3	121-2573	1	Fitting-Straight
4	2412-80	2	Clamp-Hose
5	68-3633	1	Hose-Fuel
6	110-4114	1	Hose-Fuel
7	110-4100	1	Hose-Fuel
8	115-2370	1	Hose-Fuel
9	108-3284	1	Hose-Fuel
10	110-6186	1	Hose-Fuel
11	109-0277	1	Hose-Fuel



Engine Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	1-303334	8	Washer-Spring Disc 5/16	16	109-8528	1	Asm, A-T Link
2	1-603610	2	Washer-Spring Disc 7/16	16:1	103-0608	1	Joint-Ball, End
3	1-805005	7	Washer-Lock 5/16 Heavy	16:2	103-7544	1	Link, Rear A-T Axial
4	33113-012	2	Screw-HH M6-1 X 12Mm	16:3	3220-3	1	Nut-HJ
5	42-9600	12	Washer-Lock M10	17	109-9873	1	Shaft,Kubota 902 Stub
6	63-7790	12	Screw-HH M10-1.25 X 1.25Mm	18	103-7556	1	Hub, Pump Drive
7	93-6099	4	Washer	19	116-5089-03	1	Wld,Flywheel Cover
8	33113-020	2	Screw-HH M6-1 X 12Mm	20	116-7108	1	Muffler Kit - Kubota
9	103-3568	2	Isolator-Link	21	3296-6	2	Nut-Nyloc 3/8-24
10	103-3745	1	Ball Joint Link ASM	22	108-5922	1	Bracket-Support, Throttle
10:1	103-0608	1	Joint-Ball, End	23	116-6179-03	1	Support-Muffler
10:2	103-3567	1	Link, A-T	24	109-0789	1	Fan
10:3	3220-3	1	Nut-HJ	25	109-1211	1	Solenoid, Fuel.
11	33114-080	1	Screw-HH M8-1.25 X 80Mm	26	116-5142	3	Washer
12	322-23	1	Screw-HH 5/16-18 X 3 3/4	27	116-1610	1	Clutch, Cms250 Kd
13	116-4514-03	1	Engine Mount-LH	28	322-3	6	Screw-HH 5/16-18 X 3/4
14	116-4513-03	1	Engine Mount-RH	29	322-5	5	Screw-HH 5/16-18 X 1
15	116-2638-03	1	Bracket,Engine Mount	30	33114-020	8	Screw-HH M8-1.25 X 20Mm

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

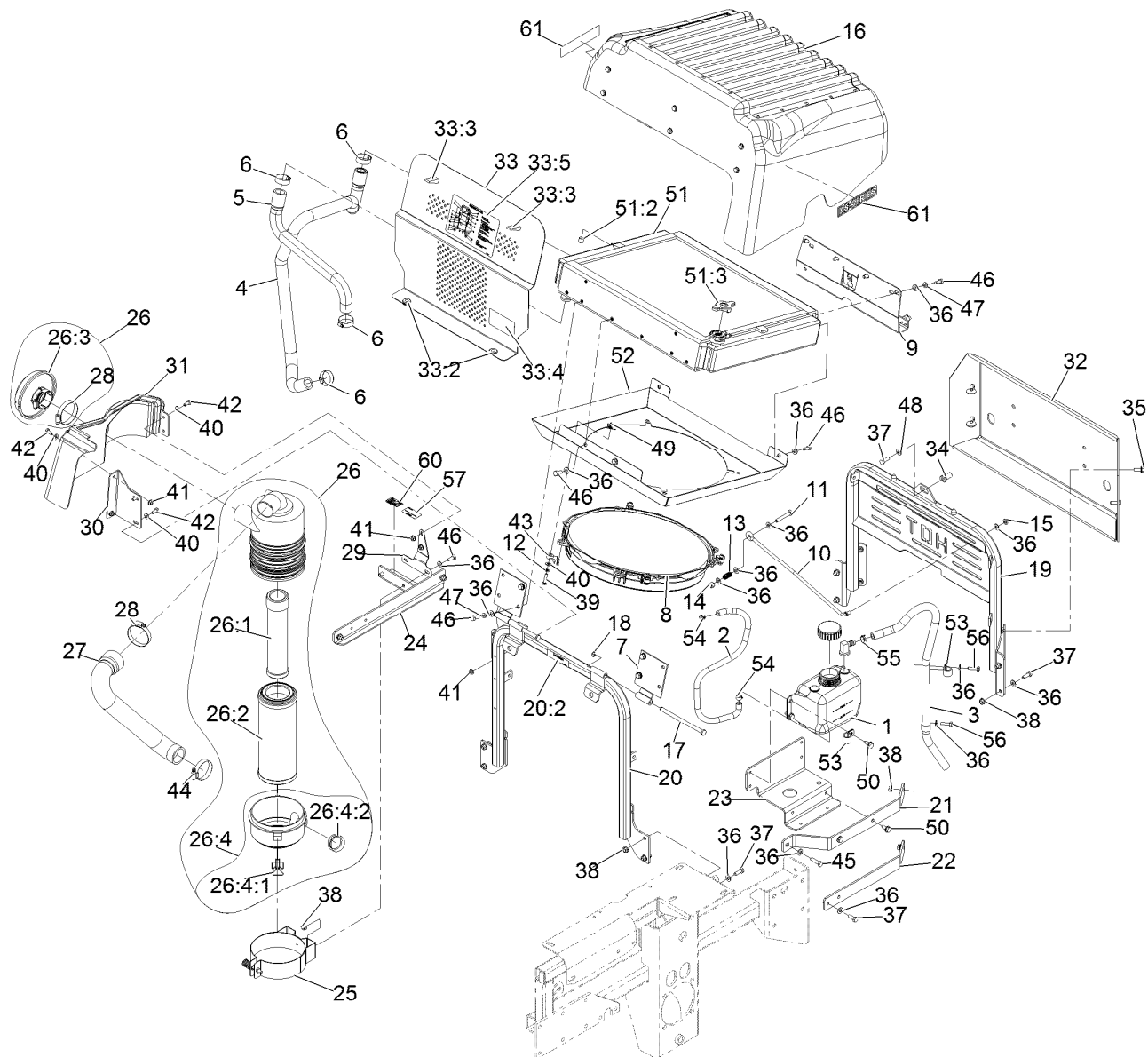


Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
31	323-8	1	Screw-HH 3/8-16 X 1 1/2
32	325-12	3	Screw-HH 1/2-13 X 3
33	3212-8	1	Screw-HH 7/16-20 X 2 ●
34	3256-2	2	Washer-1/4 Std
35	3256-23	1	Washer-5/16 Sae
36	3256-24	2	Washer-3/8 Sae
37	99-5107	3	Nut-Lock 1/2-13
38	3296-39	1	Nut-Nyloc 3/8-16
40	116-2641-03	1	Flange ASM
41	116-4433	3	Isolator,Engine
42	116-2725-03	2	Flange-11GA
43	116-5296-03	1	Clutch Link
44	1-633630	2	Grommet
45	116-5295	1	Clutch Standoff
46	1-633545	1	Spacer

Ref.	Part Number	Qty.	Description
47	104-8300	9	Nut-Nyloc 5/16-18 Flg
48	322-11	1	Screw-HH 5/16-18 X 2 1/4
49	3235-22	1	Screw-HH, Lock
50	3255-8	1	Washer-Lock 5/16 (Ext-Tooth)
51	119-4866	2	Screw-HH ●
52	32128-20	4	Nut-Whizlock 5/16-18
53	323-7	1	Screw-HH 3/8-16 X 1 1/4
54	98-5975	1	Washer-Spring Disc 3/8
55	103-4718	1	Sheave, Engine
56	1-543610	1	Washer
57	1-807014	1	Key-Woodruff 1/4 X 7/8
58	109-2901	1	Belt
59	33014-00	4	Nut-Hex
60	99-8343	1	Gasket-Muffler

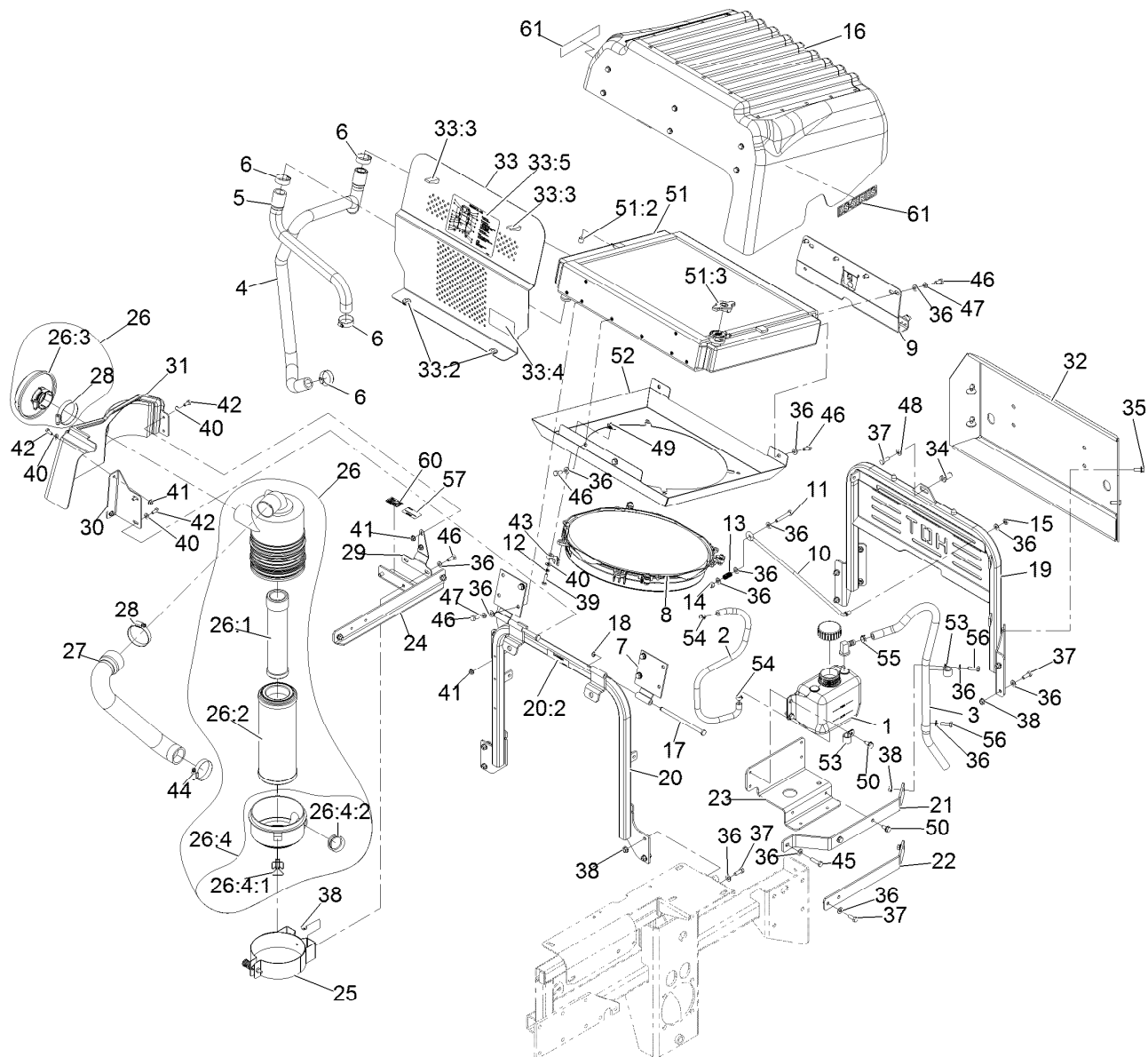
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Cooling Assembly

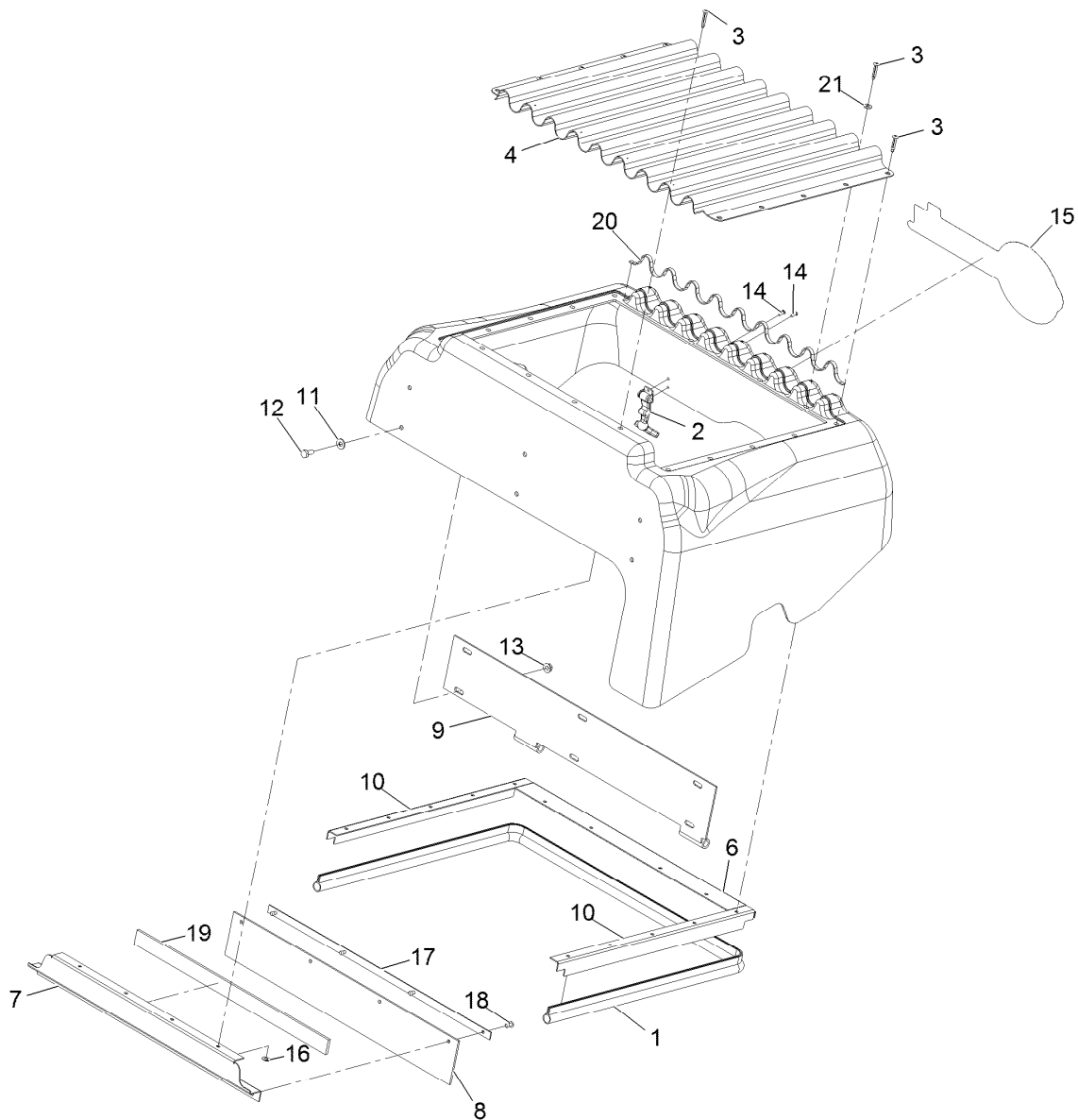
Ref.	Part Number	Qty.	Description
1	116-7124	1	Tank, Overflow W/Cap
2	116-7204	1	Hose, .313 I.D.X 25.0 Reinforced Epdm
3	116-7245	1	Hose, .500 I.D. X 30" Epdm
4	109-3142	1	Hose, Radiator
5	103-7532	1	Hose, Radiator
6	2412-34	4	Clamp-Hose
7	109-3179-03	2	Wld, Hinge Plate
8	116-6274	1	Fan- Electric
9	109-8427	1	ASM-Latch Plate
10	103-9207	1	Rod, Prop
11	322-10	1	Screw-HH 5/16-18 X 2
12	3253-3	4	Washer-Lock 1/4
13	103-6643	1	Spring
14	3296-29	1	Nut-Nyloc 5/16-18
15	109-0917	1	Nut-Push 5/16
16	116-6394	1	Hood ASM, D902
17	103-9218	2	Pin, Cover Pivot
18	32120-18	2	E-Ring
19	109-8546-03	1	Wld, Rear Radiator Mount

Ref.	Part Number	Qty.	Description
20	109-2804	1	Asm, Front Radiator Mount (103-7582-03) W/Decals
20:2	98-5954	1	Decal-Missing Cover
21	103-7558-03	1	Rib, Top
22	103-7579-03	1	Rib, Bottom
23	116-4822-03	1	Bracket, Bottle-Hydro Tank
24	103-9248-03	1	Wld, Air Cleaner Mount
24	109-3257	1	Asm, Air Cleaner Brkt W/Decals
25	103-1058	1	Bracket-Filter, Air
26	103-5178	1	Asm-Canister Air Filter W/Hood
26:1	103-1326	1	Filter-Air, Safety
26:2	103-1327	1	Filter-Air
26:3	100-2436	1	Asm-Hood Air Intake W/Clamp
26:4	103-1060	1	Cover-Filter, Air
26:4:1	99-3174	2	Clip-Cleaner, Air
26:4:2	109-2820	1	Ejector-Air Cleaner
27	103-7597	1	Hose, Air Intake
28	2412-42	1	Clamp-Hose



Cooling Assembly (continued)

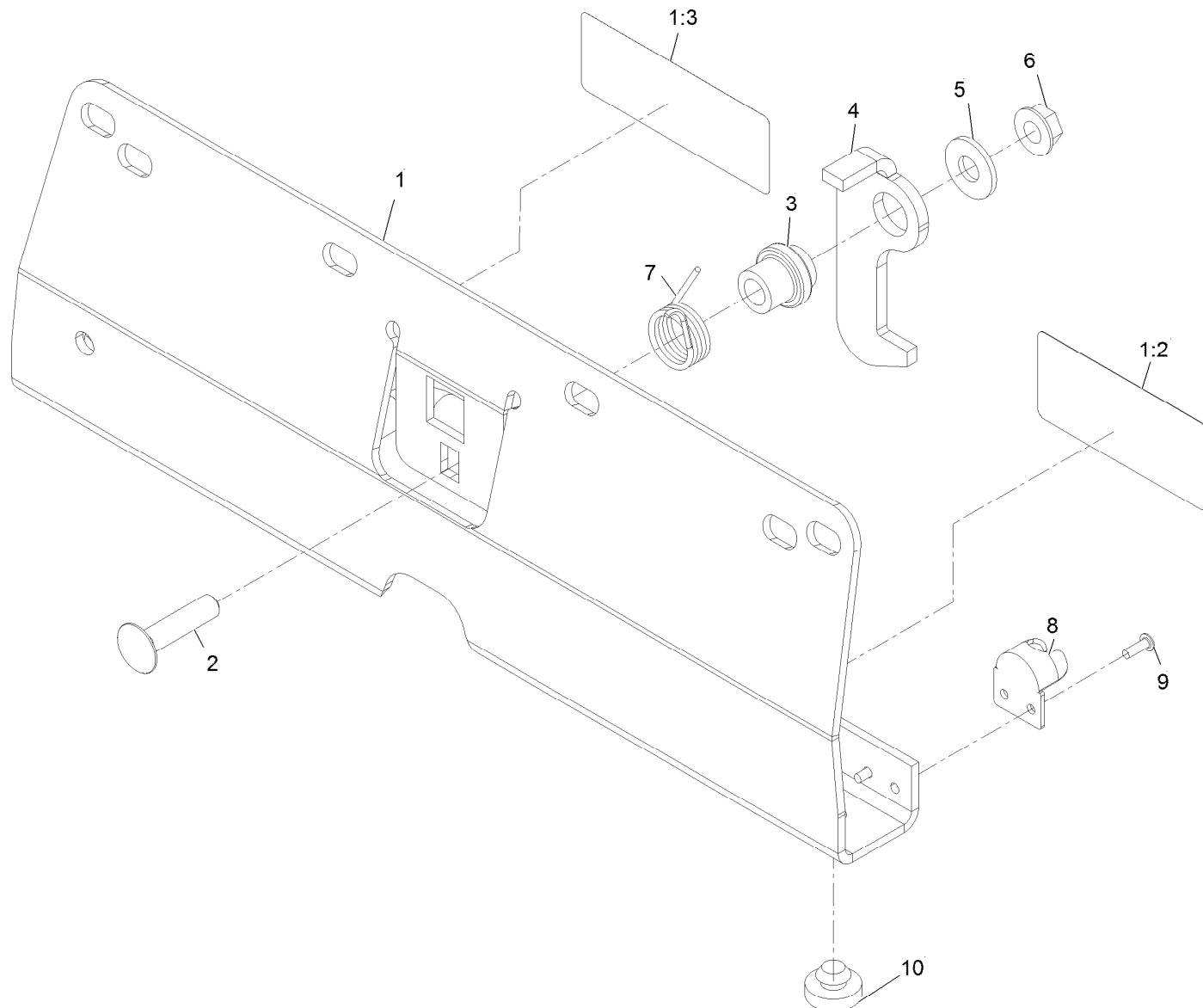
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
29	103-9222-03	1	Bracket, Rear Cover	44	1-643009	1	Clamp-Hose
30	103-9206-03	1	Bracket, Front Cover	45	322-6	1	Screw-HH 5/16-18 X 1 1/4
31	103-9221	1	Panel, Side	46	322-3	14	Screw-HH 5/16-18 X 3/4
32	103-1479-03	1	Bumper, Rear	47	3253-4	8	Washer-Lock 5/16
33	116-0136	1	ASM,Panel W/ Decals Lxs Lc Kd	48	1-303334	1	Washer-Spring Disc 5/16
33:2	109-0023	2	Grommet	49	107069	4	Nut-Retainer-Panel 1/4-20
33:3	74-5950	2	Latch	50	32144-70	6	Screw-HWH 5/16-18 X 3/4 Tf
33:4	116-0127	1	Decal,Hydro Belt Routing	51	116-5303	1	Radiator ASM, AI D902
33:5	116-0997	1	Decal, Check Service	51:2	99-8551	1	Plug-Pipe
34	109-8432	1	Pin, Latch	51:3	1-643161	1	Cap-Radiator
35	3234-47	4	Screw-HH Flg 5/16-18 X 3/4	52	116-6296-03	1	Fan Shroud,16
36	3256-23	32	Washer-5/16 Sae	53	1-633396	3	Clip-Loom 5/8
37	322-4	12	Screw-HH 5/16-18 X 7/8	54	92-2379	2	Clamp-Hose
38	32128-20	16	Nut-Whizlock 5/16-18	55	110-6242	1	Clamp-Hose
39	321-6	4	Screw-HH 1/4-20 X 1	56	322-5	2	Screw-HH 5/16-18 X 1
40	3256-22	10	Washer-1/4 Sae	57	110-0806	1	Decal-Caution
41	32128-33	6	Nut-Whizlock 1/4-20	60	103-2076	1	Decal-Caution
42	321-3	6	Screw-HH 1/4-20 X 5/8	61	116-6992	2	Decal, Ds Series
43	109-2950	4	Mount, Fan				



Hood Assembly

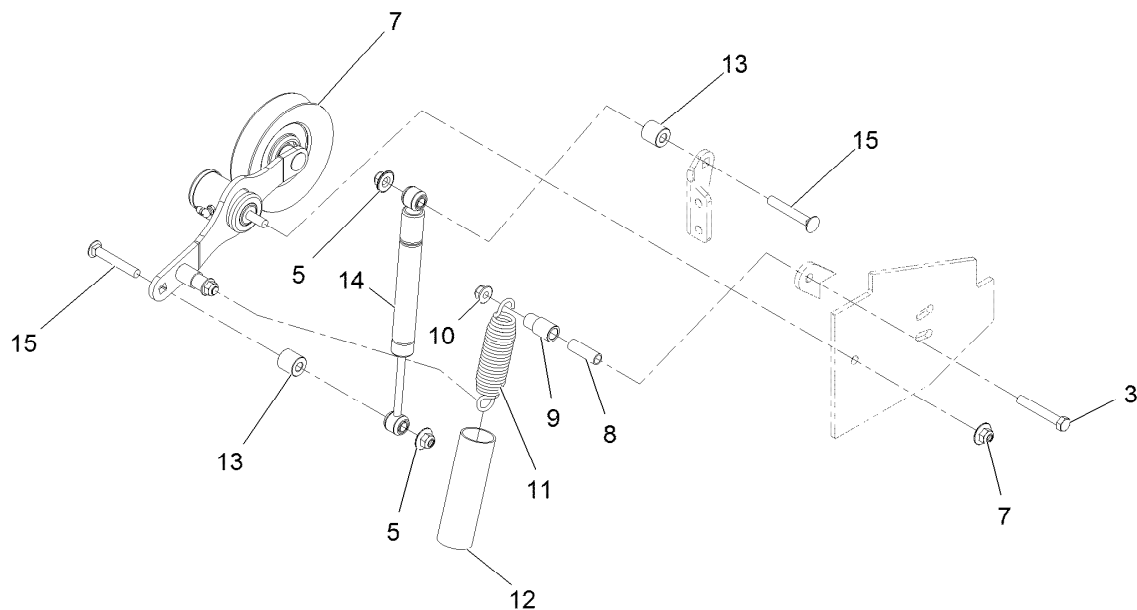
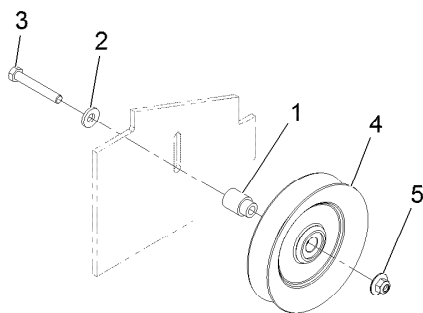
Ref.	Part Number	Qty.	Description
1	116-5325	1	Seal-Trim 54.6
2	1-643188	2	Latch-Rubber
3	1-803072	18	Rivet
4	103-9201-03	1	Screen, Radiator
6	116-5323-03	1	Mount-Seal Rear
7	116-5302-03	1	Mount-Seal Front
8	116-5160	1	Seal-Radiator Hood
9	103-9226-03	1	Wld, Hinge
10	116-5324-03	2	Mount-Seal Side
11	3256-22	6	Washer-1/4 Sae

Ref.	Part Number	Qty.	Description
12	321-3	6	Screw-HH 1/4-20 X 5/8
13	32128-33	6	Nut-Whizlock 1/4-20
14	923786	4	Rivet
15	109-1801	1	Decal, Exmark Logo
16	1-303435	4	Washer-Spring Disc 1/4
17	116-5319-03	1	Plate-Seal Backup
18	1-803073	4	Rivet-Pop
19	116-5348	1	Seal-Front Screen
20	116-5349	1	Seal-Rear Screen
21	3256-14	4	Washer-#10 Std



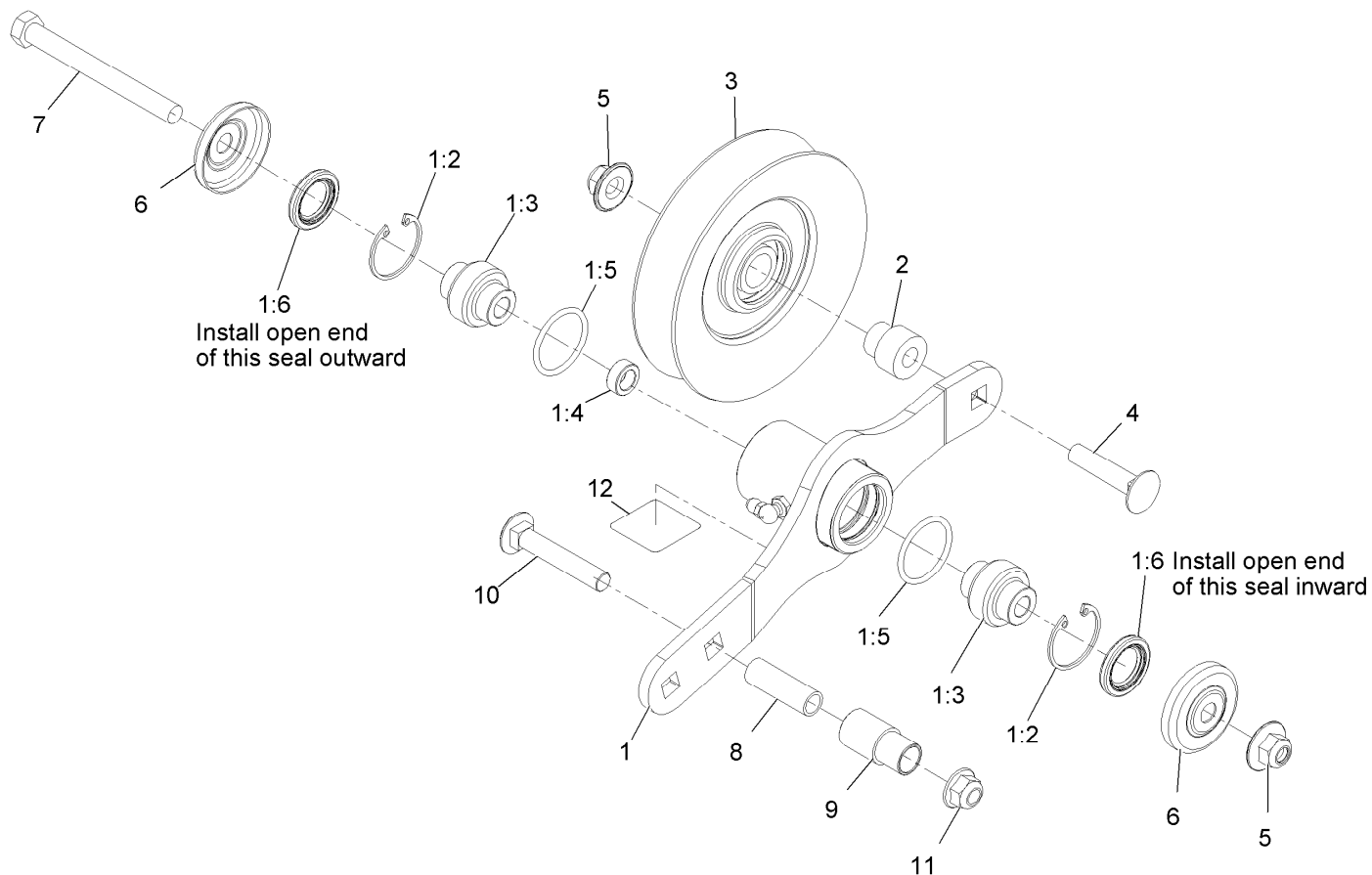
Latch Plate Assembly No. 109-8427

Ref.	Part Number	Qty.	Description
1	109-8539	1	Asm, Latch Plate W/Decals
1:2	110-3842	1	Decal-Antifreeze
1:3	109-2263	1	Decal, Pump Fan Warning
2	112-6950	1	Bolt-Carriage 5/16-18 X 1 3/8 Short Neck
3	107-0075	1	Bushing
4	109-8431	1	Hook, Latch
5	3256-3	1	Washer-5/16 Std
6	32128-25	1	Nut-Hex 5/16-18 Side Lock
7	109-8430	1	Spring
8	1-643189	2	Keeper-Latch, Rubber
9	923786	4	Rivet
10	1-513658	2	Bumper



Mule Drive Assembly

Ref.	Part Number	Qty.	Description
1	103-2627	1	Bushing-Idler
2	98-5975	1	Washer-Spring Disc 3/8
3	323-12	2	Screw-HH 3/8-16 X 2 1/2
4	1-633166	1	Pulley-Idler
5	109-6658	3	Nut-Nyloc 3/8-16 Flg
7	116-9286	1	ASM-Ttnr Arm W/Pulley
8	109-8754	1	Spacer
9	109-8866	1	Bushing, Plastic
10	104-8301	1	Nut-Nyloc 3/8-16 Flg
11	116-6316	1	Spring-Extension
12	116-0932	1	Dampener, Spring
13	116-9300	2	Spacer-.39Idx.88Odx.88L
14	116-9280	1	Damper-Mule Belt Drive
15	3231-31	2	Bolt-Carriage 3/8-16 X 2 1/2

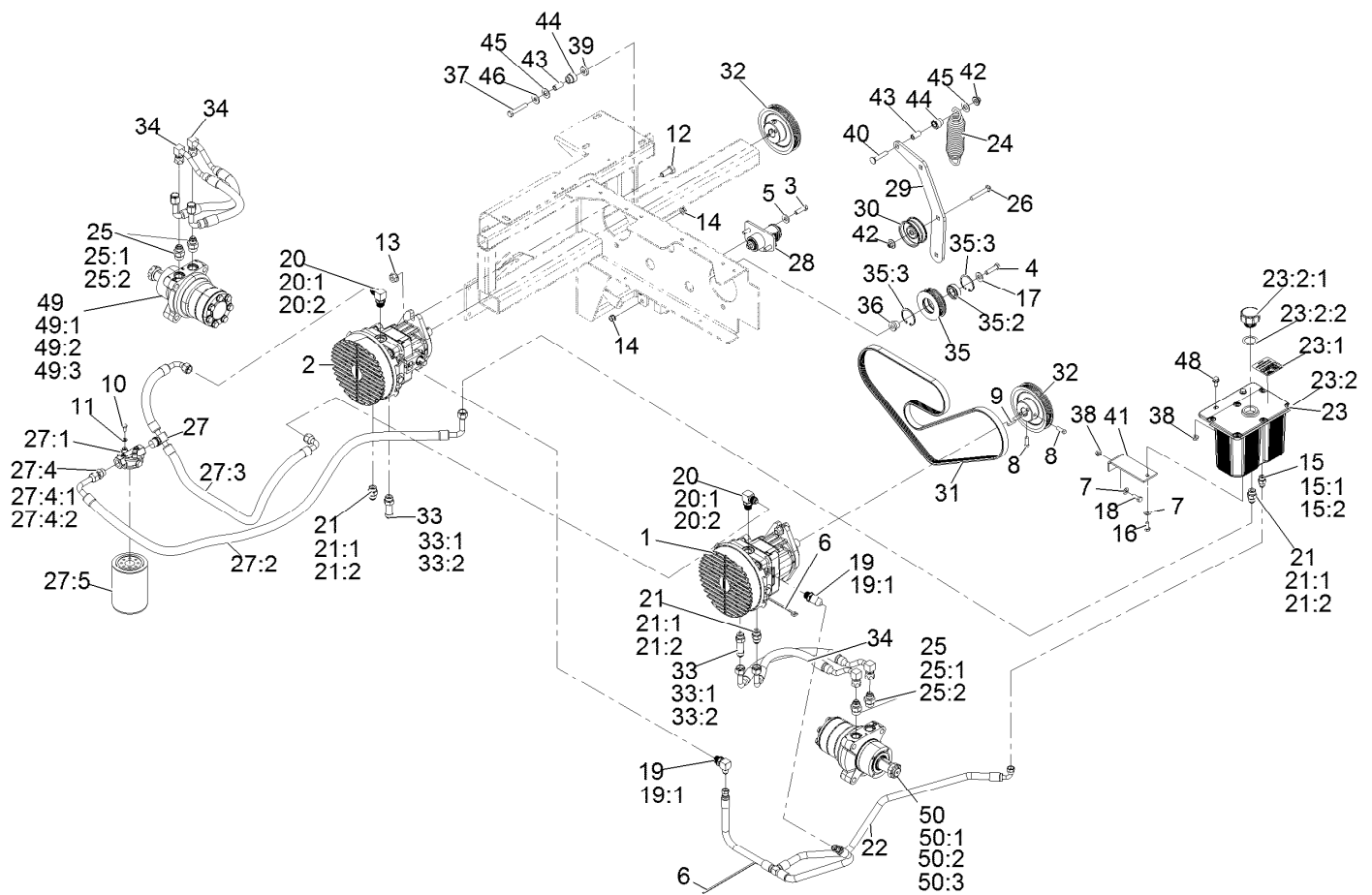


Tightener Arm W/Pulley Assembly No. 116-9286

Ref.	Part Number	Qty.	Description
1		1	ASM-Ttnr Arm W/Bearings ●
1:2	32120-10	2	Ring-Retaining
1:3	103-3504	2	Bearing-Spherical
1:4	103-5677	1	Spacer
1:5	106-7159	2	O-Ring
1:6	103-3506	2	Seal-Single Lip
2	1-603496	1	Bushing-Idler
3	1-603805	1	Pulley-Idler
4	3231-5	1	Bolt-Carriage 3/8-16 X 1 3/4

Ref.	Part Number	Qty.	Description
5	109-6658	2	Nut-Nyloc 3/8-16 Flg
6	103-2916	2	Guard-Top
7	323-42	1	Screw-HH 3/8-16 X 3 3/4
8	109-8754	1	Spacer
9	109-8866	1	Bushing, Plastic
10	3231-7	1	Bolt-Carriage 3/8-16 X 2 1/4
11	104-8301	1	Nut-Nyloc 3/8-16 Flg
12	103-5858	1	Decal,Grease

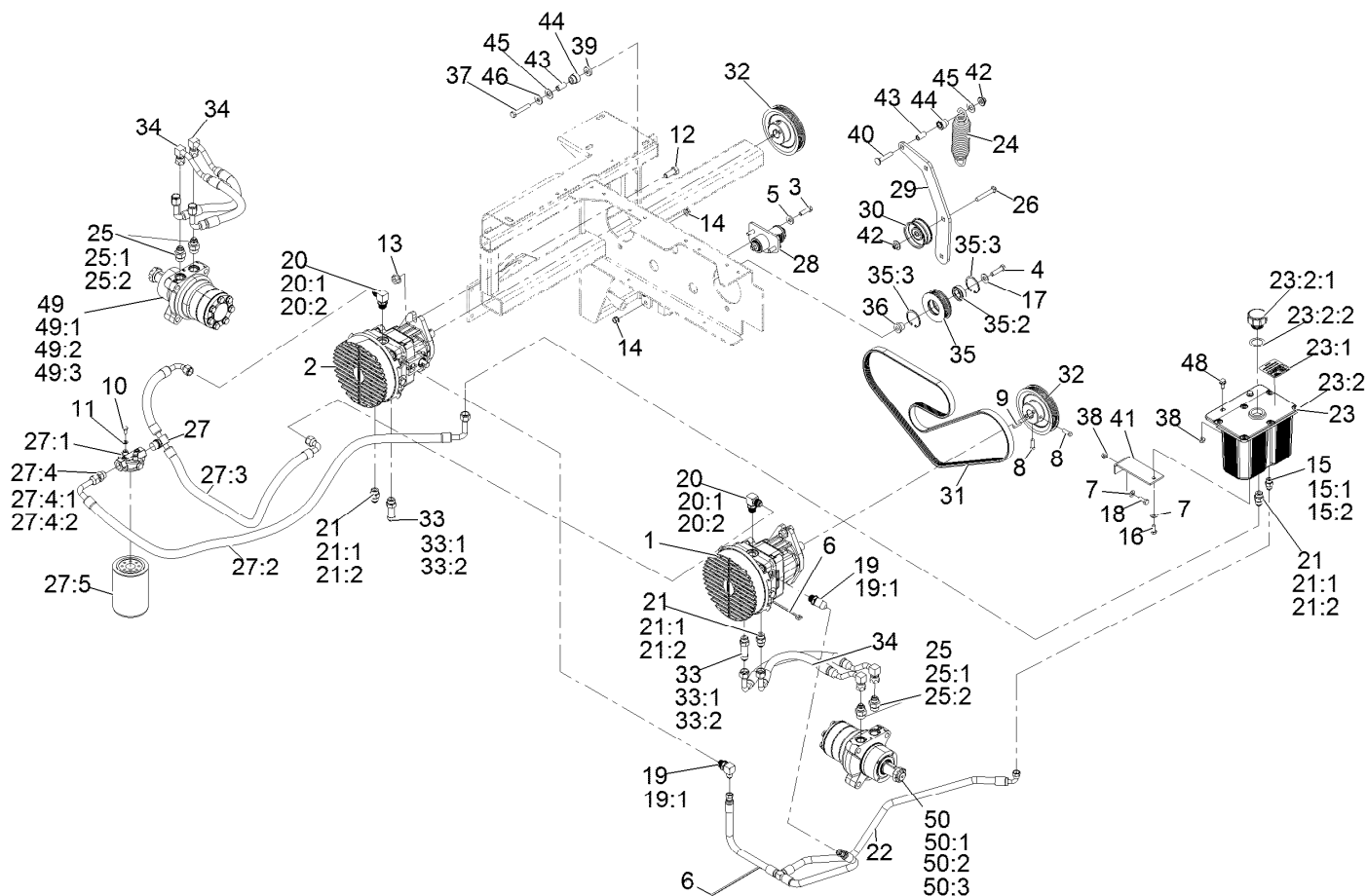
● Not serviced separately



Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	109-7543	1	Pump, Hydro	21:1	1-603920	1	O-Ring-Sae #8
2	109-7544	1	Pump, Hydro	21:2	1-603992	1	O-Ring-37 Flare #8
3	323-7	3	Screw-HH 3/8-16 X 1 1/4	22	109-0087	1	Asm-Case Drain Hose
4	323-8	1	Screw-HH 3/8-16 X 1 1/2	23	109-0582	1	Hydraulic Tank ASM
5	98-5975	3	Washer-Spring Disc 3/8	23:1	116-0404	1	Decal-Hydraulic Tank
6	1-303335	2	Tie-Cable 7 15/16 (Large)	23:2		1	Tank-Hydraulic ●
7	3256-23	2	Washer-5/16 Sae	23:2:1	103-1948	1	Cap-Reservoir, HYD
8	30-1710	4	Setscrew-5/16-18 X 1	23:2:2	103-1949	1	Gasket-Cap
9	1-807259	2	Key-Machine 1/4 X 1/4 X 1	24	116-6317	1	Spring-Extension
10	321-3	2	Screw-HH 1/4-20 X 5/8	25	1-603991	4	Adapter-Straight
11	1-805004	2	Washer-Lock 1/4 Heavy	25:1	237-80	1	O-Ring
12	325-5	4	Screw-HH 1/2-13 X 1 1/4	25:2	1-603992	1	O-Ring-37 Flare #8
13	32128-49	4	Nut-Whizlock 1/2-13	26	3231-31	1	Bolt-Carriage 3/8-16 X 2 1/2
14	3290-357	4	Nut-Whizlock 3/8-16	27	109-6905	1	Asm, Charge Hose
15	103-2156	1	Adapter-Straight	27:1	103-2259	1	Head-Filter
15:1	1-603921	1	O-Ring-Sae #6	27:2	109-6904	1	Asm, Filter Inlet Hose
15:2	103-1020	1	O-Ring-37 Flare #6	27:3	109-6903	1	Hose, Pump Inlet
16	322-3	1	Screw-HH 5/16-18 X 3/4	27:4	1-603990	1	Adapter-Straight
17	3256-4	1	Washer-3/8 Std	27:4:1	1-603920	1	O-Ring-Sae #8
18	322-4	1	Screw-HH 5/16-18 X 7/8	27:4:2	1-603992	1	O-Ring-37 Flare #8
19	103-1014	2	Elbow-90°	27:5	103-2146	1	Element-Hydraulic Oil Filter
19:1	1-603920	1	O-Ring-Sae #8	28	109-3250	1	Asm, Pump Idler W/Bearings
20	103-2153	2	Elbow-90°	29	103-7569-03	1	Arm, Pump Idler
20:1	1-603920	1	O-Ring-Sae #8	30	116-0888	1	Idler, Flanged
20:2	1-603992	1	O-Ring-37 Flare #8	31	109-7582	1	Belt, Hydro Pump Drive
21	1-603990	3	Adapter-Straight				

● Not serviced separately

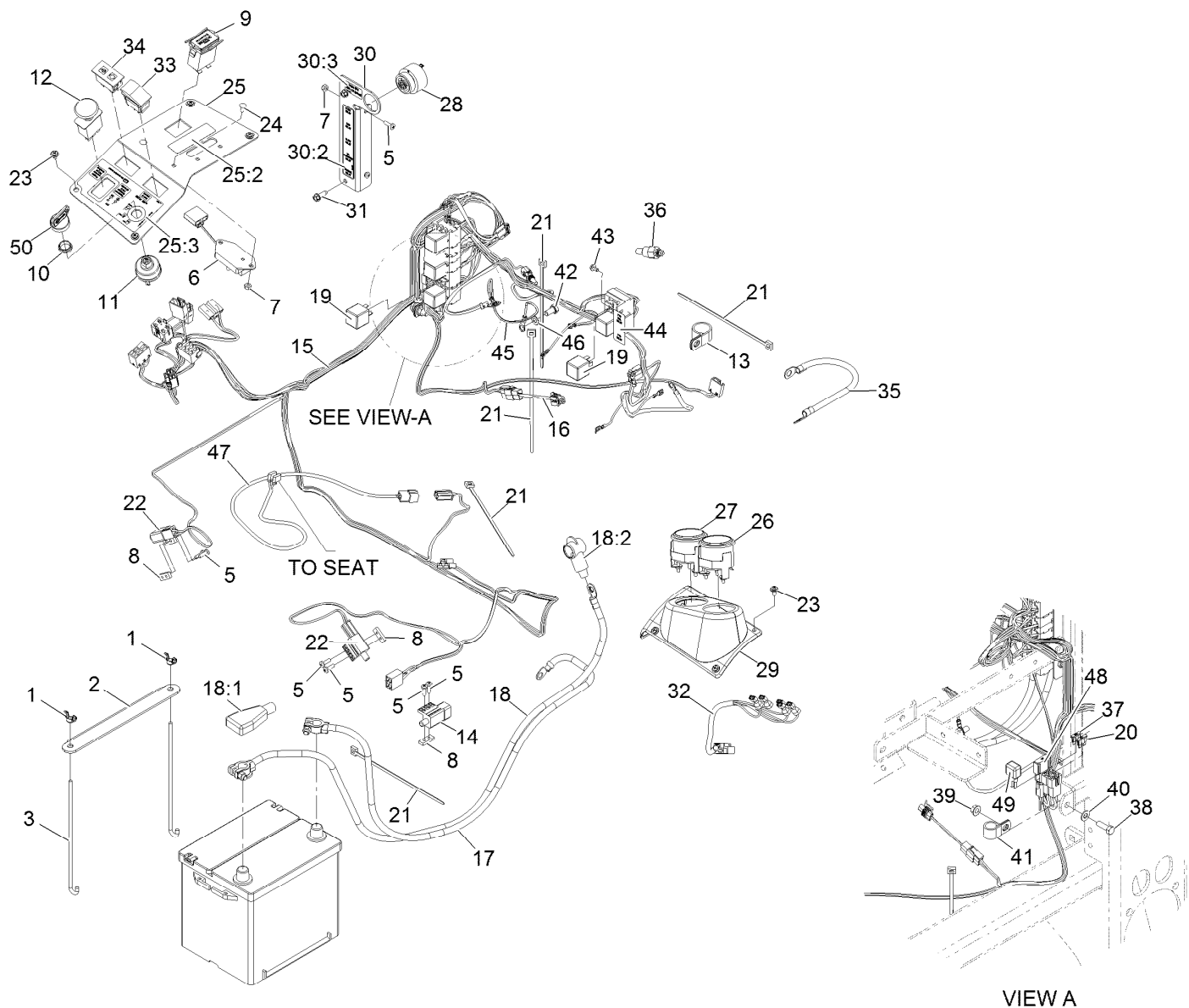


Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
32	109-7561	2	Sheave, Hydro Pump
33	103-1940	2	Adapter-Straight
33:1	237-79	1	O-Ring
33:2	1-603992	1	O-Ring-37 Flare #8
34	103-4680	4	HYD Hose ASM
35	103-4728	1	Asm, Lower Frame Idler
35:2	251-347	1	Bearing-Ball Deep Groove
35:3	32151-13	2	Ring-Retaining
36	103-4566	1	Spacer, Lower Frame Idler
37	323-11	1	Screw-HH 3/8-16 X 2 1/4
38	32128-20	3	Nut-Whizlock 5/16-18
39	103-3186	1	Spacer-Bracket, Guide
40	3231-6	1	Bolt-Carriage 3/8-16 X 2
41	109-0089-03	1	Bracket, Hydraulic Tank
42	109-6658	2	Nut-Nyloc 3/8-16 Flg

Ref.	Part Number	Qty.	Description
43	109-8753	2	Spacer
44	109-8752	2	Spacer
45	112-9771	2	Washer-Teflon
46	5-0838	1	Washer
48	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf
49	112-8358	1	HYD Motor ASM (CW)
49:1	3257-42	1	Key-Woodruff 5/16 X 1
49:2	1-809036	1	Nut-Slotted 1-20
49:3	109-5966	1	Wheel Motor Seal Kit
50	112-8357	1	HYD Motor ASM (CCW)
50:1	3257-42	1	Key-Woodruff 5/16 X 1
50:2	1-809036	1	Nut-Slotted 1-20
50:3	109-5966	1	Wheel Motor Seal Kit

● Not serviced separately



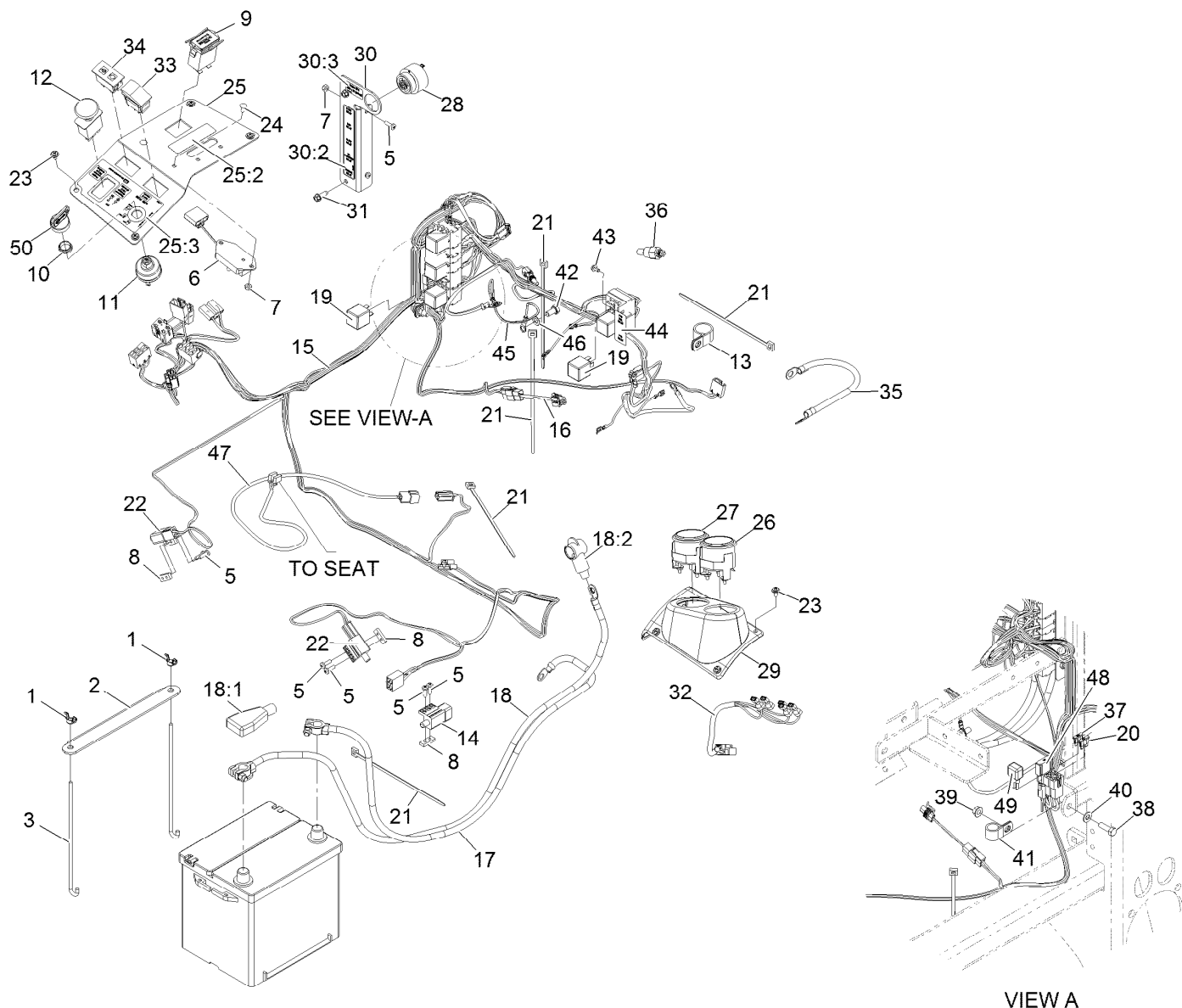
Electrical Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	1-543792	2	Wingnut-Nyloc 1/4-20	18	109-7607	1	Asm, Cable-Battery (+) ●
2	103-1311-03	1	Holddown-Battery	18:1	103-1340	1	Insulator-Terminal, Battery
3	103-1312	2	Bolt-Holddown	18:2	103-1420	1	Insulator-Starter
5	3290-500	8	Screw-PPH #10-24 X 5/8	19	1-643275	7	Relay-12Vdc 40 Amp
6	103-5218	1	Module-Delay, Seat	20	1-816001	1	Fuse-Blade Type, 20 Amp
7	3296-2	4	Nut-Nyloc #10-24	21	1-303335	5	Tie-Cable 7 15/16 (Large)
8	1-633181	3	Plate-Tapped	22	1-513051	2	Switch-N.O.
9	1-513374	1	Meter-Engine Hours	23	109-2661	8	Screw-PPH #10-24 X 1/2
10	103-0498	1	Nut-Ignition	24	1-807513	2	Bolt-Carriage #10-24 X 1/2
11	103-0206	1	Switch-Ignition W/Keys	25	116-5139	1	Control Panel W/Decals
12	114-0279	1	Switch-PTO	25:2	103-1798	1	Decal, Throttle
13	1-643312	1	Clip-Loom	25:3	116-5185	1	Decal-Control Panel
14	1-633111	1	Switch	26	1-643021	1	Gauge-Temperature
15	116-8236	1	Harness,Wiring-Lzds Kubota ▲	27	1-643037	1	Gauge-Voltmeter
16	110-8808	1	Harness-Wire	28	103-0205	1	Alarm-Dual Tone 12Vdc
17	109-3074	1	Cable, Ground (-)	29	103-3684	1	Bezel, Gauge
				30	109-3495	1	Asm, Relay Mount Bracket

● Includes insulators

■ Use a Teflon Pipe Sealant or equivalent on threads.

▲ Use dielectric grease on all unsealed connectors and terminals only. Do not apply in sealed connectors.



Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
30:2	109-2951	1	Decal, Relay
30:3	109-2478	1	Decal, 3850 Rpm
31	49-2040	2	Screw-HWH 1/4-20 X 3/4 Tf
32	103-4339	1	Harness-Gauge ▲
33	110-0811	1	Switch-Rocker
34	109-2488	1	Cluster, Lights
35	103-1349	1	Cable-Engine Negative
36	103-7886	1	Sender, Temperature ■
37	103-1368	1	Fuse-40 Amp
38	322-5	1	Screw-HH 5/16-18 X 1
39	32128-20	1	Nut-Whizlock 5/16-18
40	3256-23	1	Washer-5/16 Sae

Ref.	Part Number	Qty.	Description
41	1-633396	1	Clip-Loom 5/8
42	33114-016	1	Screw-HH M8-1.25 X 16Mm
43	104-2065	2	Screw-HWH #10-24 X 3/8
44	116-5074	1	Decal-Relay Diesel
45	116-5163	1	Ground Wire ASM
46	3255-8	1	Washer-Lock 5/16 (Ext-Tooth)
47	103-1227	1	Harness-Wiring, Seat ▲
48	94-8002	1	Fuse-Blade, 50 Amp
49	100-4918	1	Diode-Over Molded
50	103-2106	1	Key-Exmark Logo

● Includes insulators

■ Use a Teflon Pipe Sealant or equivalent on threads.

▲ Use dielectric grease on all unsealed connectors and terminals only. Do not apply in sealed connectors.

Notes:

Notes:

Notes:

MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

4-CYCLE PREMIUM ENGINE OIL

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Contains increased levels of zinc and phosphorus for better lubricity.

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Gas & Diesel compatible.

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

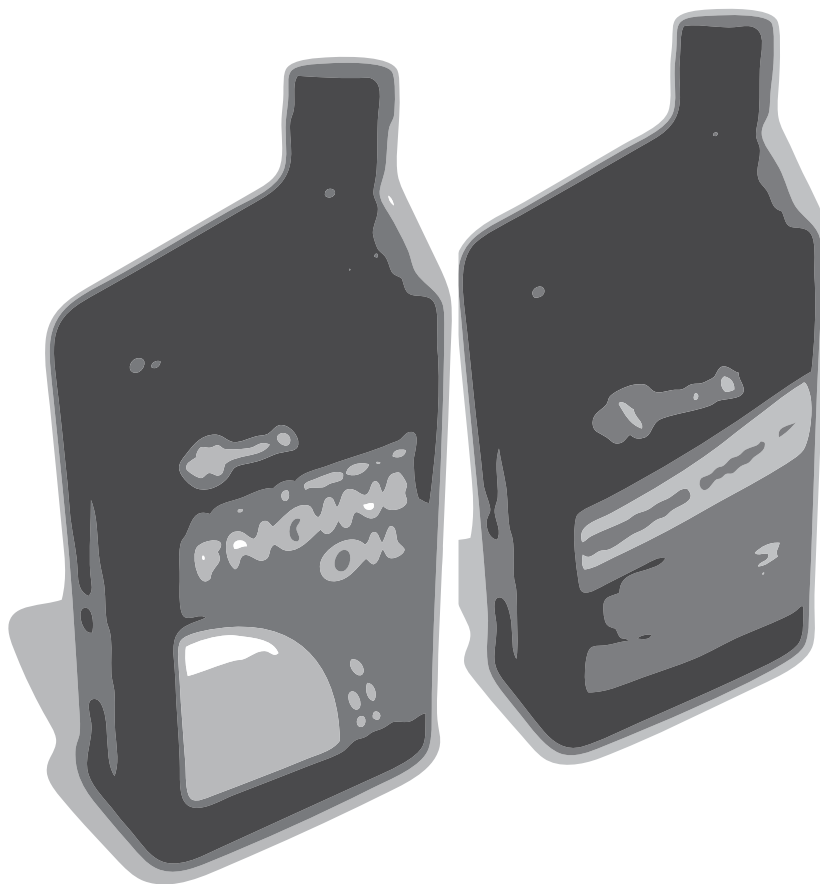
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Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

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FULL SUSPENSION SEAT	SUN SHADE
DECK LIFT ASSIST KIT	TRASH CONTAINER
HITCH KIT	TURF STRIPER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
12V POWER PORT	ULTRA VAC QUICK DISPOSAL SYSTEM
MICRO-MULCH 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

*Some accessories and options not available for some models.

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Label Here (Included in the Literature
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