



Pro-Turn 100

Parts Manual

Models:

991300
991303
991304
991305



THE MANUAL

Before you operate your unit, carefully and completely read manuals supplied with the unit. The contents will provide you with an understanding of safety instructions and controls during normal operation and maintenance.

For your safety and the safety of others always read, understand, and follow all DANGER, WARNING, and CAUTION messages found in manuals and on safety decals.

Hardware descriptions are given in decimals.

Decimals to Fractions			
.063	1/16	.563	9/16
.125	1/8	.625	5/8
.188	3/16	.688	11/16
.250	1/4	.750	3/4
.313	5/16	.813	13/16
.375	3/8	.875	7/8
.438	7/16	.938	15/16
.500	1/2	1.00	1

SERVICE AND REPLACEMENT PARTS

When ordering replacement parts or making service inquiries, know the Model and Serial numbers of your unit and engine.

Numbers are located on the product registration card in the unit literature package. They are printed on a serial number label, located on the frame of your unit.

- Record Unit Model and Serial numbers here:

- Record Engine Model and Serial numbers here:

UNAUTHORIZED REPLACEMENT PARTS

Use only Gravely replacement parts. The replacement of any part on this vehicle with anything other than an Gravely authorized replacement part may adversely affect the performance, durability, or safety of this unit and may void the warranty. Gravely disclaims liability for any claims or damages, whether warranty, property damage, personal injury or death arising out of the use of unauthorized replacement parts.

PRODUCT REGISTRATION

The Gravely dealer must register the product at the time of purchase. Registering the product will help the company process warranty claims or contact you with the latest service information. All claims meeting requirements during the limited warranty period will be honored, whether or not the product registration card is returned. Keep a proof of purchase if you do not register your unit.

Customer Note: If Dealer does not register your product, please fill out, sign and return the product registration card to Gravely or go to www.gravely.com.

YOUR SATISFACTION IS IMPORTANT

Questions? Please follow these helpful steps:

1. Refer to the manuals supplied with your unit.
They will guide you through safe and proper operation and maintenance.
They contain specifications on your unit.
If your questions are not answered in these manuals, go to step number two.
2. Contact Your Dealer.
Our dealers will be happy to supply any service or advice required to keep your unit operating at peak efficiency.
A factory trained staff is available to support your equipment needs. They stock genuine Gravely parts and lubricants manufactured with the same precision and skill as the original.
If your questions are not resolved by the support staff, ask for the manager or owner.
When contacting your Dealer supply your model and serial numbers.

TO SPEED PARTS ORDERING:

1. Know the model and serial numbers of your unit.
2. Know the part number required.
3. Know the quantity required.
4. Know the part description.

MODELS

Model 991300 (Pro-Turn 148 CE)
Kawasaki FX691, 48" Mower Deck
Serial No. 030000 +

Model 991303 (Pro-Turn 148 CE)
Kawasaki FX691, 48" Mower Deck
Serial No. 030000 +

Model 991304 (Pro-Turn 152 CE)
Kawasaki FX691, 52" Mower Deck
Serial No. 030000 +

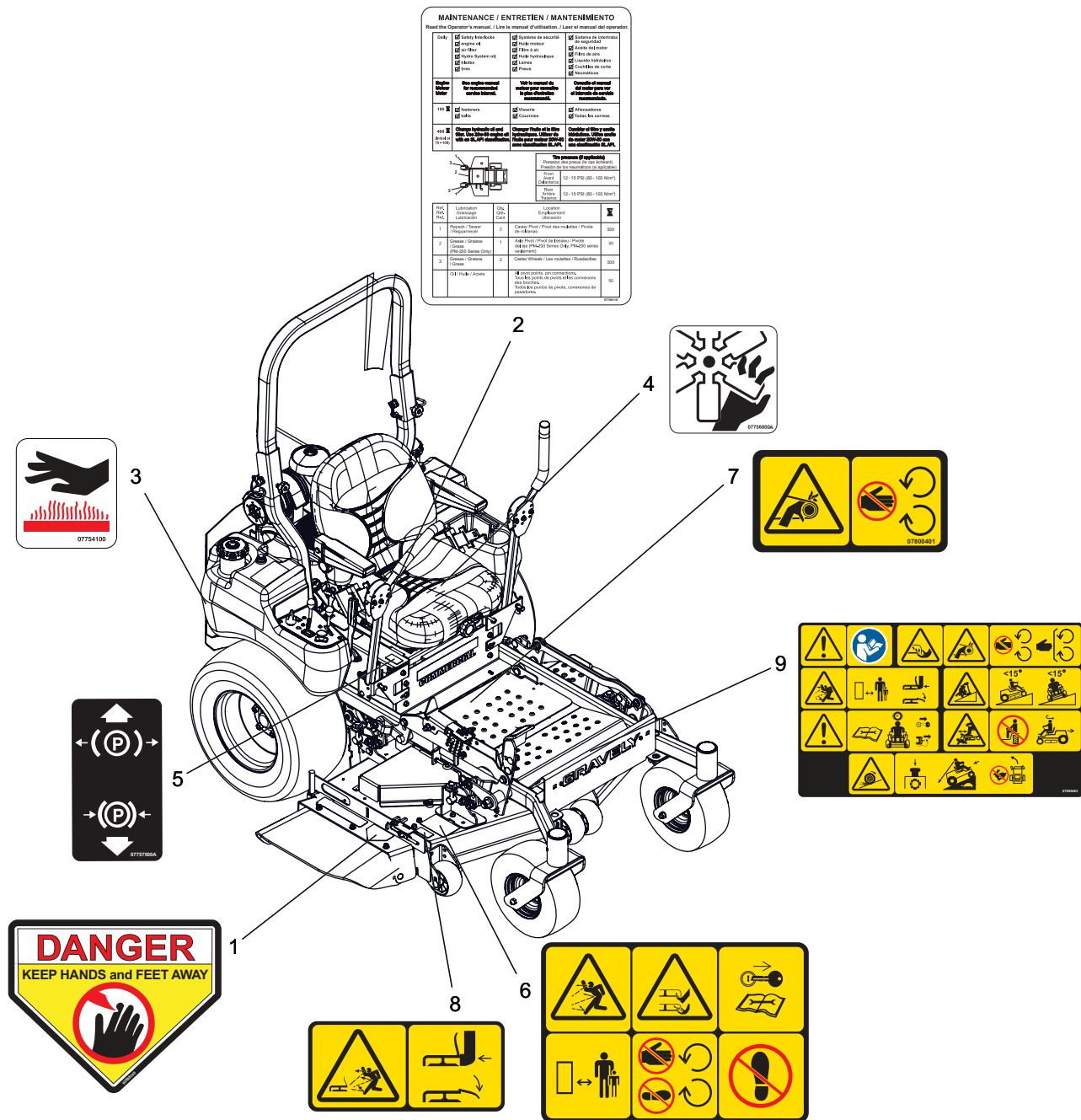
Model 991305 (Pro-Turn 160 CE)
Kawasaki FX691, 60" Mower Deck
Serial No. 030000 +

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DECALS – SAFETY

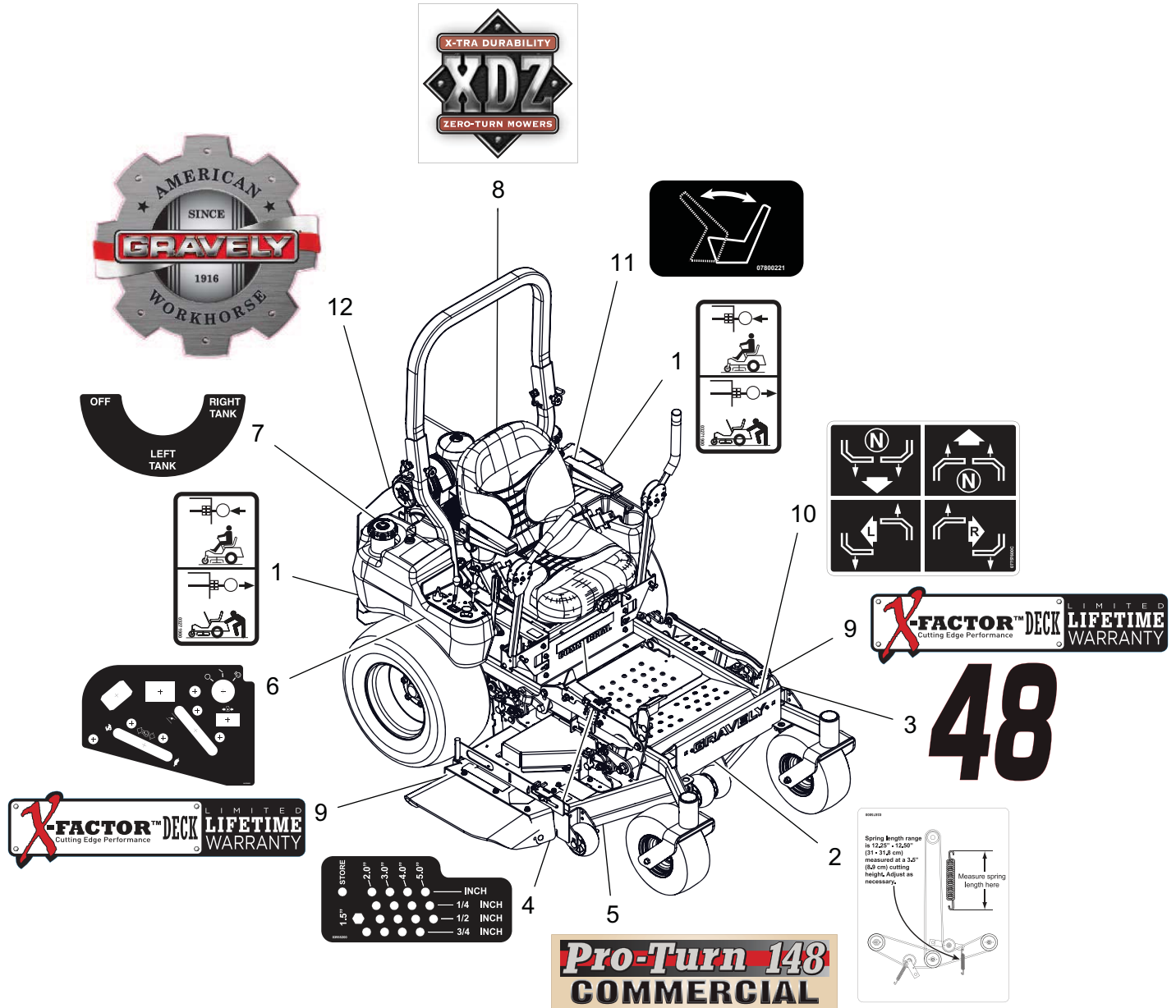
Models All



BOM ID	Number	Qty	Description
1	02988100	1	DECAL, DANGER
2	07700118	1	DECAL, MAINT
3	07754100	2	DECAL HOT SURFACE
4	07756000	2	DECAL, DANGER - FAN
5	07757500	1	DECAL, PARKING BREAK LEVER
6	07800340	2	DECAL, SAFETY - MOWER DECK
7	07800401	1	DECAL, SAFETY - GUARDING
8	07800402	1	DECAL, SAFETY - DECK GUARDING
9	07800403	1	DECAL, MAIN SAFETY, COMMERCIAL

DECALS – STYLE 48"

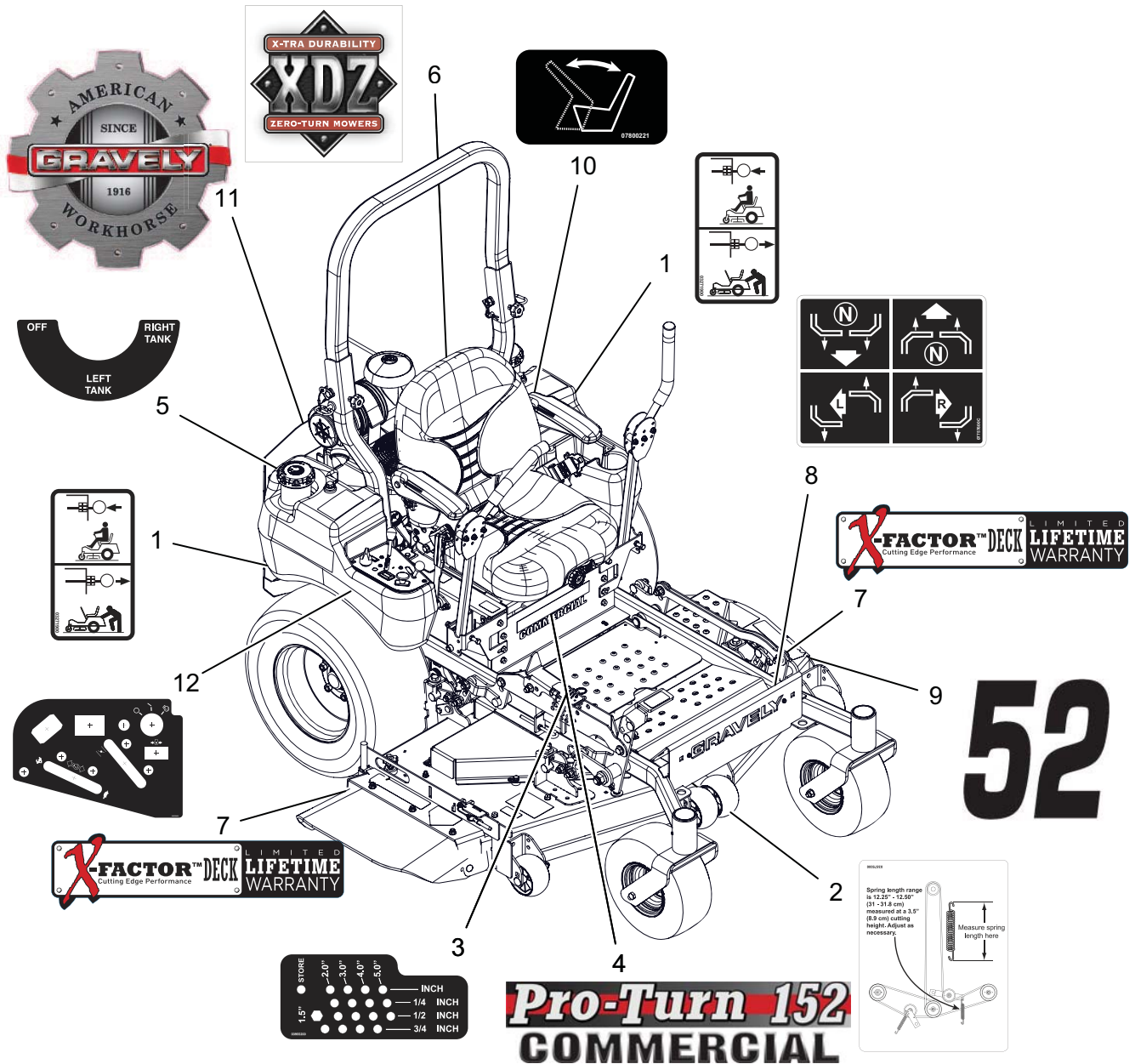
Models 991300, 303



BOM ID	Number	Qty	Description
1	03271900	2	DECAL, TRANSMISSION DISCONNECT
2	03875000	1	DECAL, BELT ROUTING
3	03891000	1	DECAL, 48"
4	03955200	1	DECAL, HEIGHT OF CUT
5	04014000	1	DECAL, PRO-TURN 148
6	04039400	1	DECAL, CONTROL PANEL
7	05239700	1	DECAL, FUEL VALVE
8	05362400	1	DECAL, XDZ
9	05366200	2	DECAL, X-FACTOR DECK
10	07757600	1	DECAL, INSTRUCTIONAL - STEERING
11	07800221	1	DECAL, SEAT RELEASE
12	08000526	1	DECAL, GRAVELY HERITAGE-LARGE

DECALS – STYLE 52"

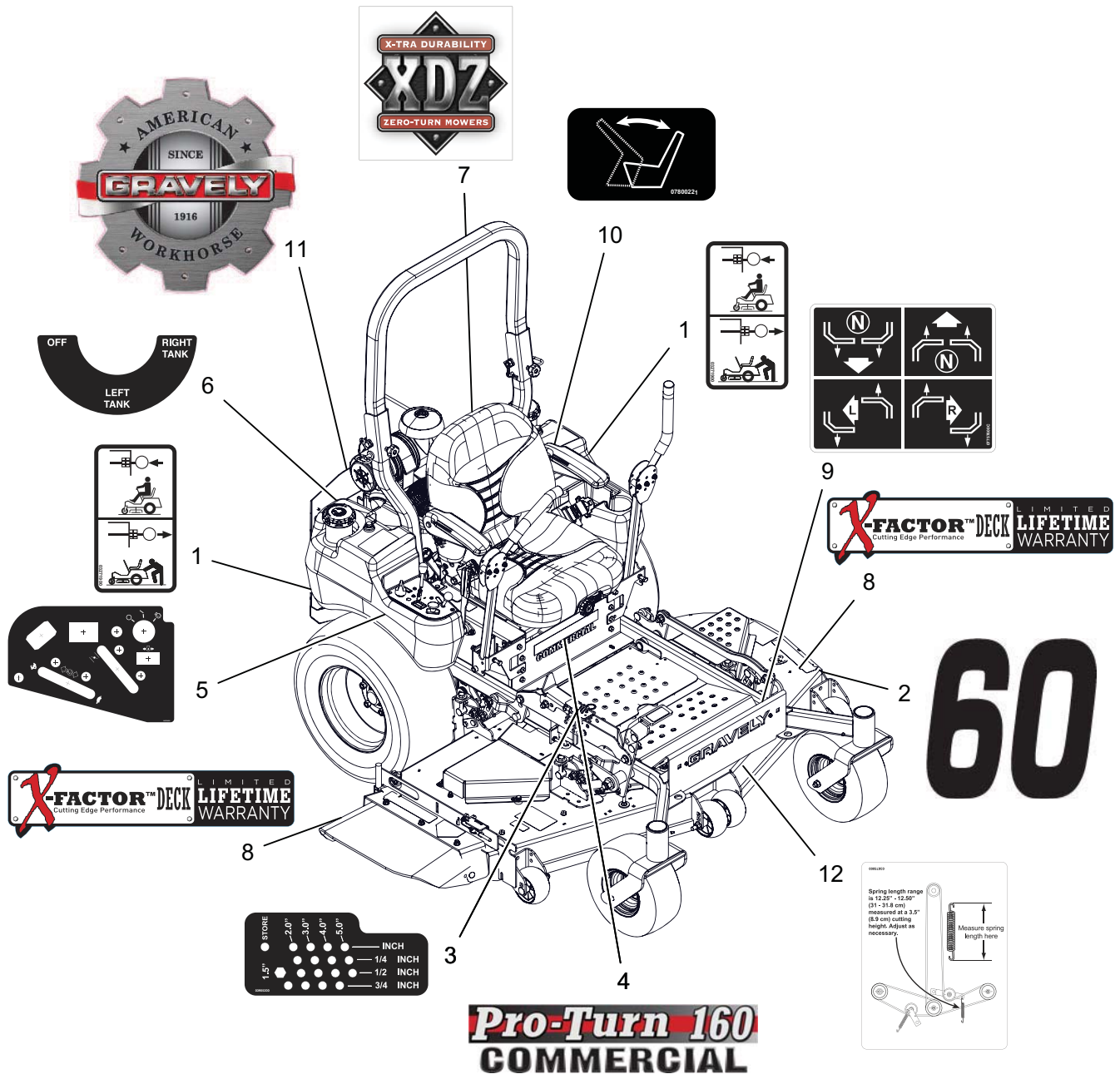
Model 991304



BOM ID	Number	Qty	Description
1	03271900	2	DECAL, TRANSMISSION DISCONNECT
2	03875000	1	DECAL, BELT ROUTING
3	03955200	1	DECAL, HEIGHT OF CUT
4	04014100	1	DECAL, PRO-TURN 152
5	05239700	1	DECAL, FUEL VALVE
6	05362400	1	DECAL, XDZ
7	05366200	2	DECAL, X-FACTOR DECK
8	07757600	1	DECAL, INSTRUCTIONAL - STEERING
9	07800026	1	DECAL, 52"
10	07800221	1	DECAL, SEAT RELEASE
11	08000526	1	DECAL, GRAVELY HERITAGE-LARGE
12	04039400	1	DECAL, CONTROL PANEL

DECALS – STYLE 60"

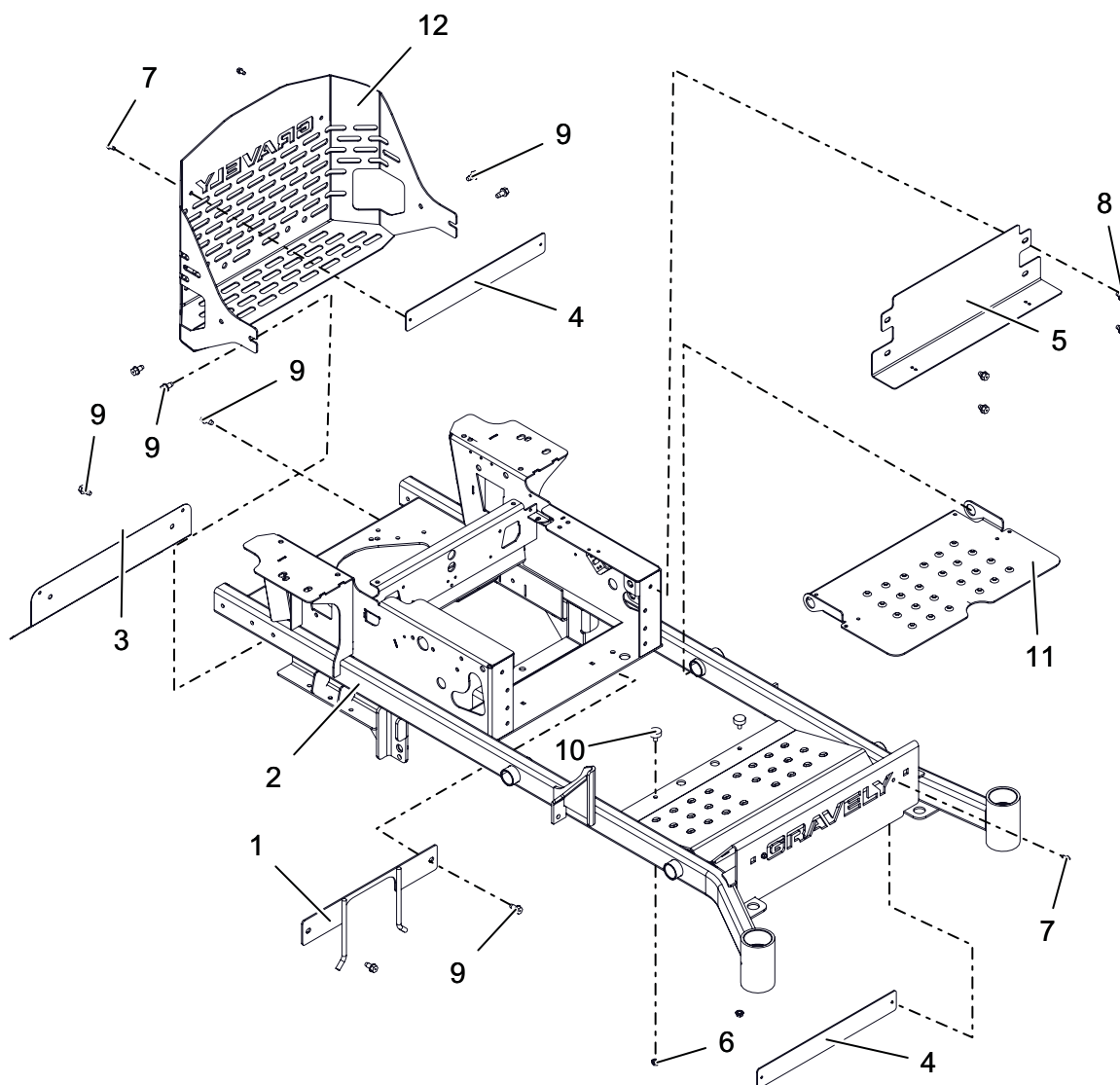
Model 991305



BOM ID	Number	Qty	Descriptio
1	03271900	2	DECAL, TRANSMISSION DISCONNECT
2	03818400	1	DECAL, 60"
3	03955200	1	DECAL, HEIGHT OF CUT
4	04014200	1	DECAL, PRO-TURN 160
5	04039400	1	DECAL, CONTROL PANEL
6	05239700	1	DECAL, FUEL VALVE
7	05362400	1	DECAL, XDZ
8	05366200	2	DECAL, X-FACTOR DECK
9	07757600	1	DECAL, INSTRUCTIONAL - STEERING
10	07800221	1	DECAL, SEAT RELEASE
11	08000526	1	DECAL, GRAVELY HERITAGE-LARGE
12	08000605	1	DECAL, BELT DIAGRAM 60"

FRAME 48" AND 52" – SN 030000 - 0399999

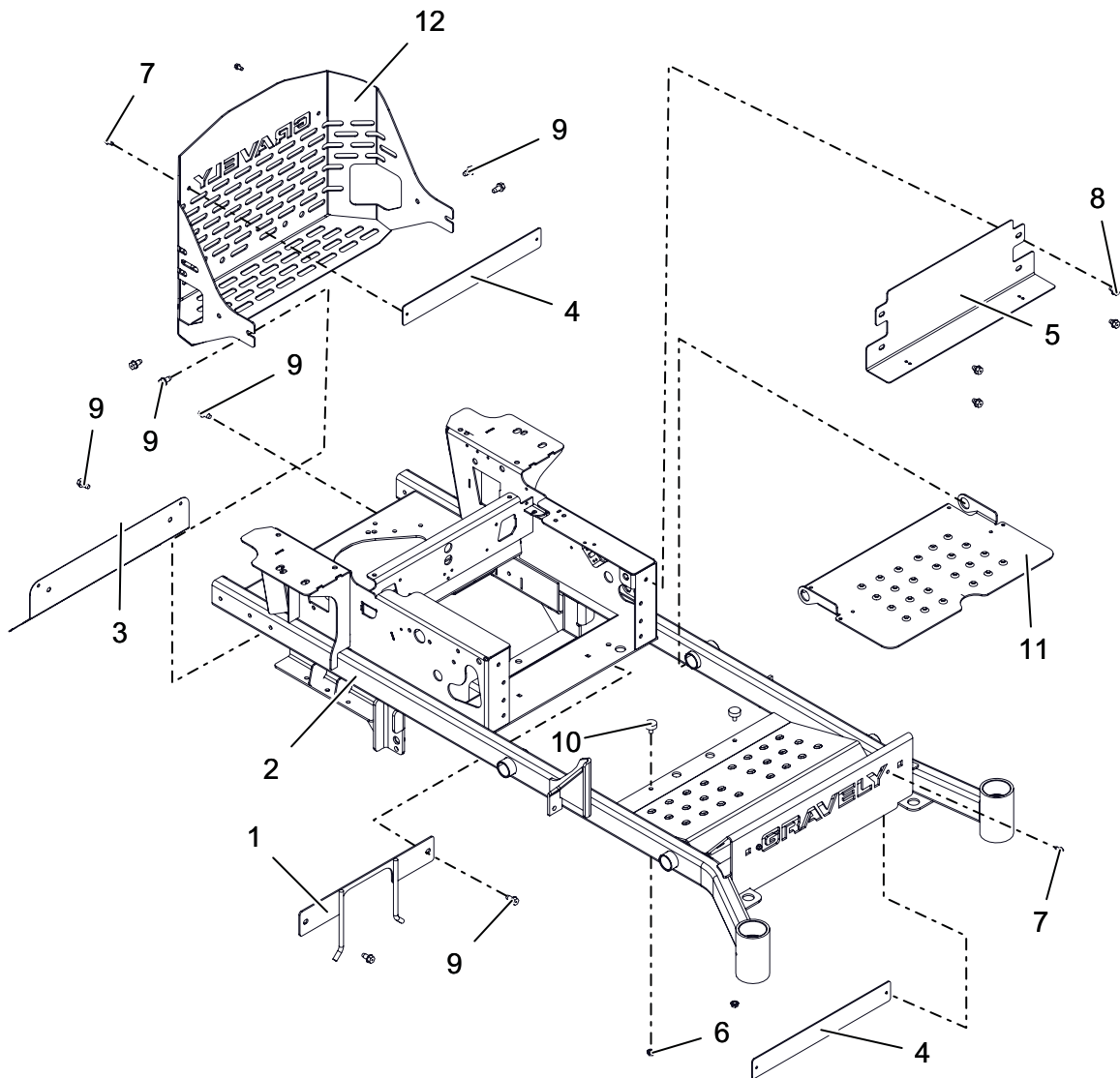
Models 991300, 303, 304



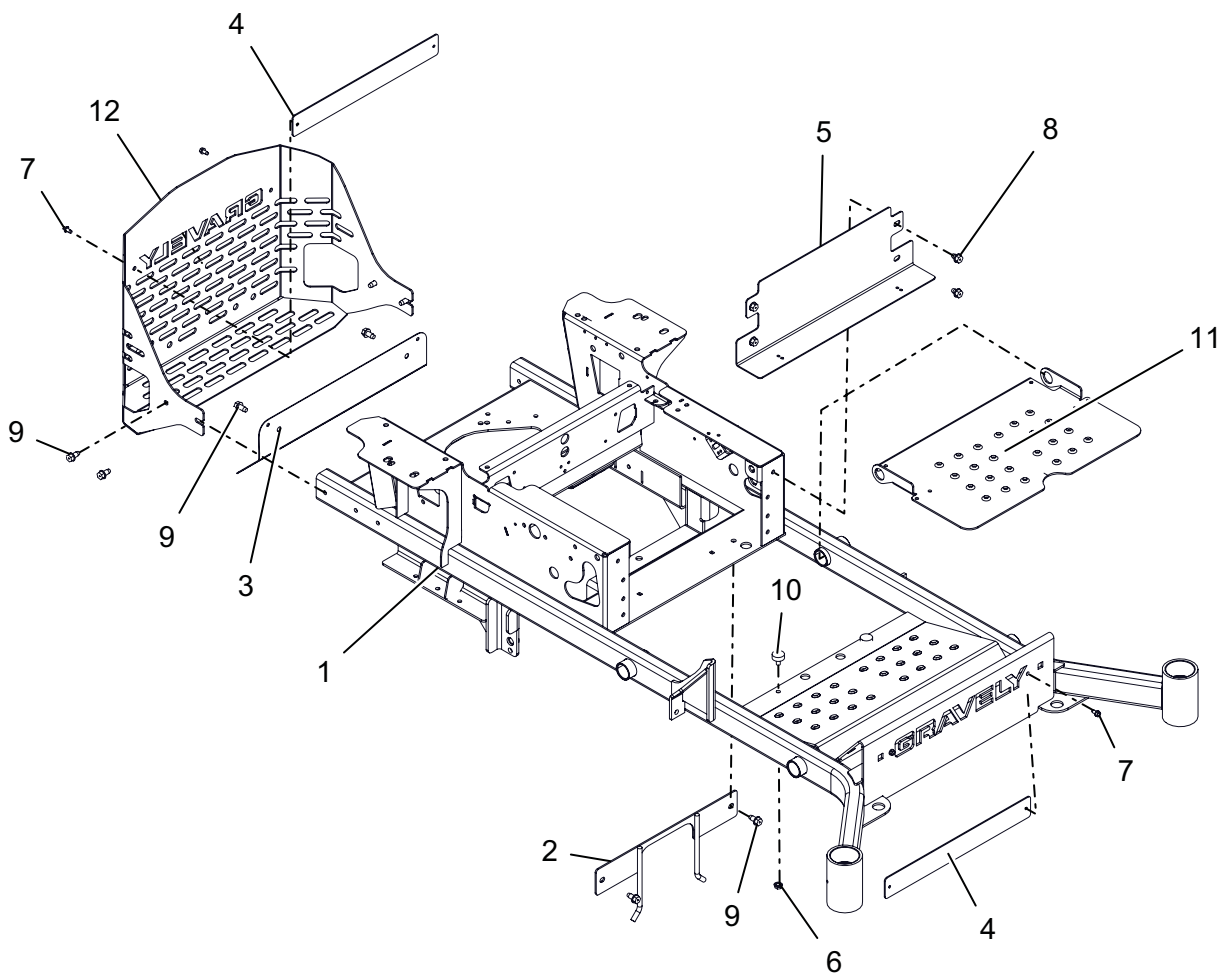
BOM ID	Number	Qty	Description
1	04053651	1	WLDMT, PTO BELT FINGER-BLACK
2	59103800	1	WLDMT, PT/PT100 48-52" MAIN FRAME-RED
3	03948151	1	SHIELD, MUFFLER HEAT
4	03995751	2	PLATE, BUMPER 2.00 x 16.50 - BLK
5	04243953	1	PLATE, PT/PT100 KICK-RED
6	06530400	2	@NUT-SPNLK-FLG .312-18 YWZC
7	07400034	4	SCR-TAP .25-20X.50 HWH TR YWZ
8	07412900	4	SCR-TAP .38-16X.50 HWH TR YWZ
9	07415400	8	SCR-TAP .38-16X.75 HWH TR YWZ
10	07533600	2	BUMPER, RUBBER
11	59103600	1	FOOT, PLATE W/SAFETY DECALS
12	59104300	1	REAR BUMPER W/SAFETY DECALS

FRAME 48" AND 52" – SN 040000 AND UP

Models 991300, 303, 304



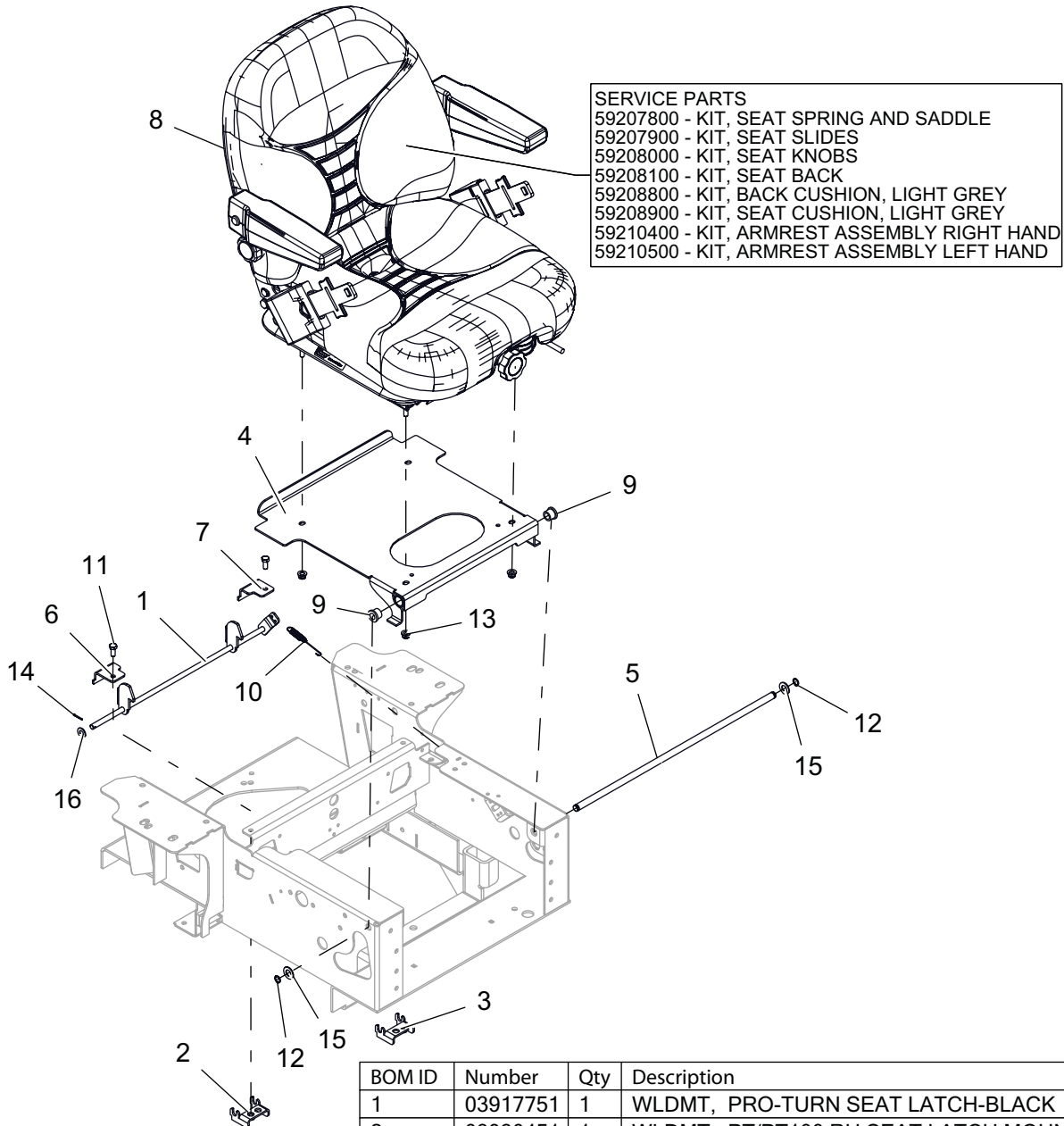
BOM ID	Number	Qty	Description
1	04053651	1	WLDMT, PTO BELT FINGER-BLACK
2	59103800	1	WLDMT, PT/PT100 48-52" MAIN FRAME-RED
3	03948151	1	SHIELD, MUFFLER HEAT
4	03995751	2	PLATE, BUMPER 2.00 x 16.50 - BLK
5	04243953	1	PLATE, PT/PT100 KICK-RED
6	06530400	2	@NUT-SPNLK-FLG .312-18 YWZC
7	07400034	4	SCR-TAP .25-20X.50 HWH TR YWZ
8	07412900	4	SCR-TAP .38-16X.50 HWH TR YWZ
9	07415400	8	SCR-TAP .38-16X.75 HWH TR YWZ
10	07533600	2	BUMPER, RUBBER
11	59103600	1	FOOT, PLATE W/SAFETY DECALS
12	59103700	1	REAR BUMPER W/SAFETY DECALS

Model 991305

BOM ID	Number	Qty	Description
1	59103900	1	60" MAIN FRAME W/SAFETY DECALS
2	04053651	1	WLDMT, PTO BELT FINGER-BLACK
3	03948151	1	SHIELD, MUFFLER HEAT
4	03995751	2	PLATE, BUMPER 2.00 x 16.50 - BLK
5	04243953	1	PLATE, PT/PT100 KICK-RED
6	06530400	2	@NUT-SPNLK-FLG .312-18 YWZC
7	07400034	4	SCR-TAP .25-20X.50 HWH TR YWZ
8	07412900	4	SCR-TAP .38-16X.50 HWH TR YWZ
9	07415400	8	SCR-TAP .38-16X.75 HWH TR YWZ
10	07533600	2	BUMPER, RUBBER
11	59103600	1	FOOT, PLATE W/SAFETY DECALS
12	59104300	1	REAR BUMPER W/SAFETY DECALS

SEAT ASSEMBLY 48"

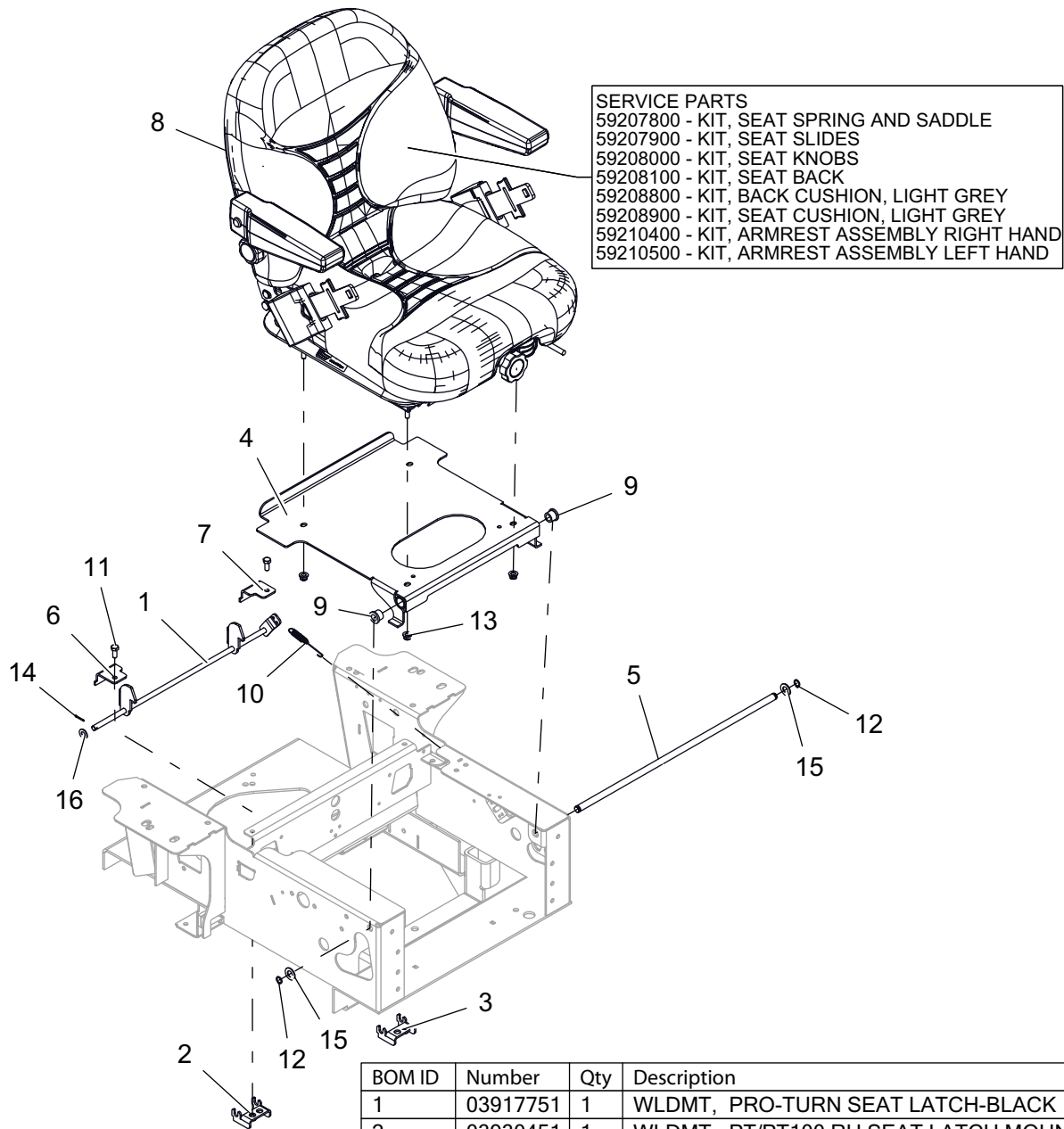
Models 991300, 303



BOM ID	Number	Qty	Description
1	03917751	1	WLDMT, PRO-TURN SEAT LATCH-BLACK
2	03930451	1	WLDMT, PT/PT100 RH SEAT LATCH MOUNT-BLACK
3	03930551	1	WLDMT, PT/PT100 LH SEAT LATCH MOUNT-BLACK
4	03933251	1	WLDMT, PRO-TURN 100 SEAT PLATE - BLK
5	03837800	1	SHAFT, PT/PT100 SEAT PIVOT
6	03917951	1	MOUNT, PT/PT100 RH TOP SEAT LATCH-BLACK
7	03918551	1	MOUNT, PT/PT100 LH TOP SEAT LATCH-BLACK
8	04052900	1	SEAT, SUSPENSION W/SEAT BELT, LT GRAY
9	05500901	2	BSHG, SHLDR EP .358-16X.30 HEX YZ
10	08321100	1	SPRG, EXTENSION
11	05947000	2	BLT-HEX .31-18X.75 GR5 YWZC
12	05717100	2	RG-RTNG-EXT .500x.050
13	06545400	4	NUT-LK-NYL-FLG .31-18 YWZC
14	06706900	1	@PIN-CTR .09X.75 EXTPRSQCT YWZ
15	06425300	2	WSHR-FL-STL .531X1.000X.063 YWZC
16	06436200	1	WSHR-FL-STL.406X.812X.065 YWZ

SEAT ASSEMBLY 52" AND 60" – SN 030000 - 0499999

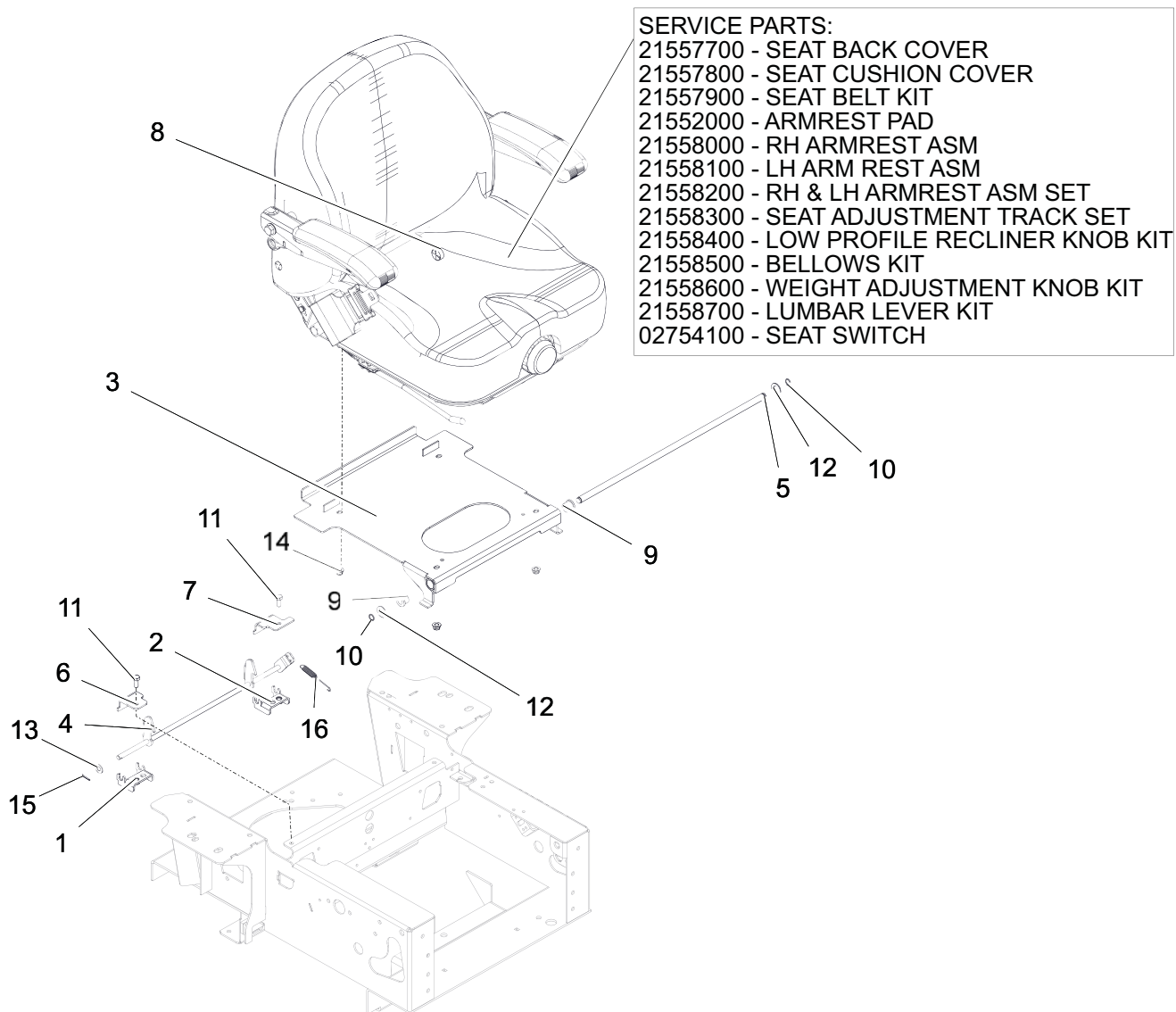
Models 991300, 303



BOM ID	Number	Qty	Description
1	03917751	1	WLDMT, PRO-TURN SEAT LATCH-BLACK
2	03930451	1	WLDMT, PT/PT100 RH SEAT LATCH MOUNT-BLACK
3	03930551	1	WLDMT, PT/PT100 LH SEAT LATCH MOUNT-BLACK
4	03933251	1	WLDMT, PRO-TURN 100 SEAT PLATE - BLK
5	03837800	1	SHAFT, PT/PT100 SEAT PIVOT
6	03917951	1	MOUNT, PT/PT100 RH TOP SEAT LATCH-BLACK
7	03918551	1	MOUNT, PT/PT100 LH TOP SEAT LATCH-BLACK
8	04052900	1	SEAT, SUSPENSION W/SEAT BELT, LT GRAY
9	05500901	2	BSHG, SHLDR EP .358-16X.30 HEX YZ
10	08321100	1	SPRG, EXTENSION
11	05947000	2	BLT-HEX .31-18X.75 GR5 YWZC
12	05717100	2	RG-RTNG-EXT .500x.050
13	06545400	4	NUT-LK-NYL-FLG .31-18 YWZC
14	06706900	1	@PIN-CTR .09X.75 EXTPRSQCT YWZ
15	06425300	2	WSHR-FL-STL .531X1.000X.063 YWZC
16	06436200	1	WSHR-FL-STL.406X.812X.065 YWZ

SEAT ASSEMBLY 52" AND 60" – SN 050000 AND UP

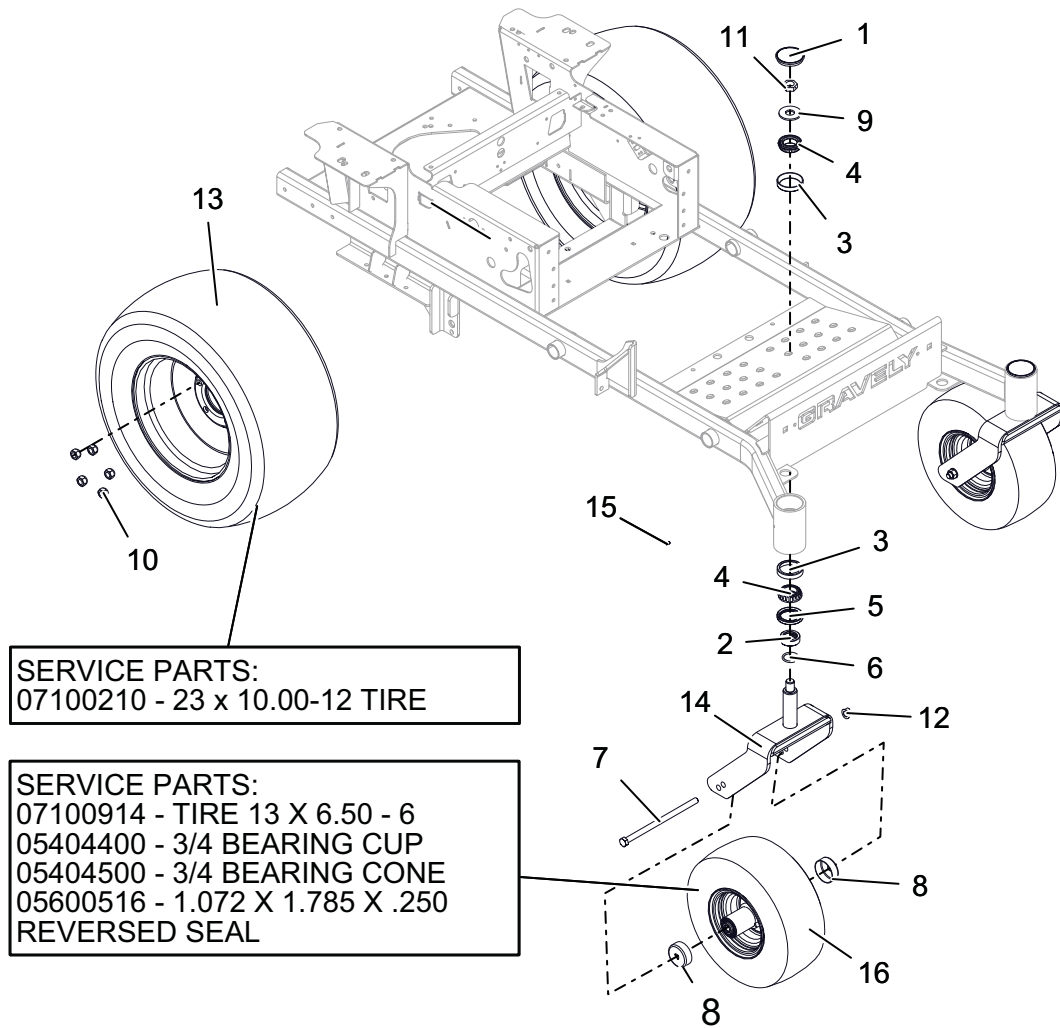
Models 991300, 303



BOM ID	Number	Qty	Description
1	03930451	1	WLDMT, PT/PT100 RH SEAT LATCH MOUNT-BLACK
2	03930551	1	WLDMT, PT/PT100 LH SEAT LATCH MOUNT-BLACK
3	04975451	1	WLDMT, PRO-TURN 100 SEAT PLATE (BLACK)
4	04975651	1	WLDMT, PRO-TURN 100 SEAT LATCH
5	03837800	1	SHAFT, PT/PT100 SEAT PIVOT
6	03917951	1	MOUNT, PT/PT100 RH TOP SEAT LATCH-BLACK
7	03918551	1	MOUNT, PT/PT100 LH TOP SEAT LATCH-BLACK
8	04876100	1	SEAT, FULL SUSPENSION
9	05500901	2	BSHG, SHLDR EP .358-16X.30 HEX YZ
10	05717100	2	RG-RTNG-EXT .500x.050
11	05947000	2	BLT-HEX .31-18X.75 GR5 YWZC
12	06425300	2	WSHR-FL-STL .531X1.000X.063 YWZC
13	06436200	1	WSHR-FL-STL.406X.812X.065 YWZ
14	06545400	4	NUT-LK-NYL-FLG .31-18 YWZC
15	06706900	1	@PIN-CTR .09X.75 EXTPRSQCT YWZ
16	08321100	1	SPRG, EXTENSION

CASTERS AND TIRES 48" – SN 030000 - 0399999

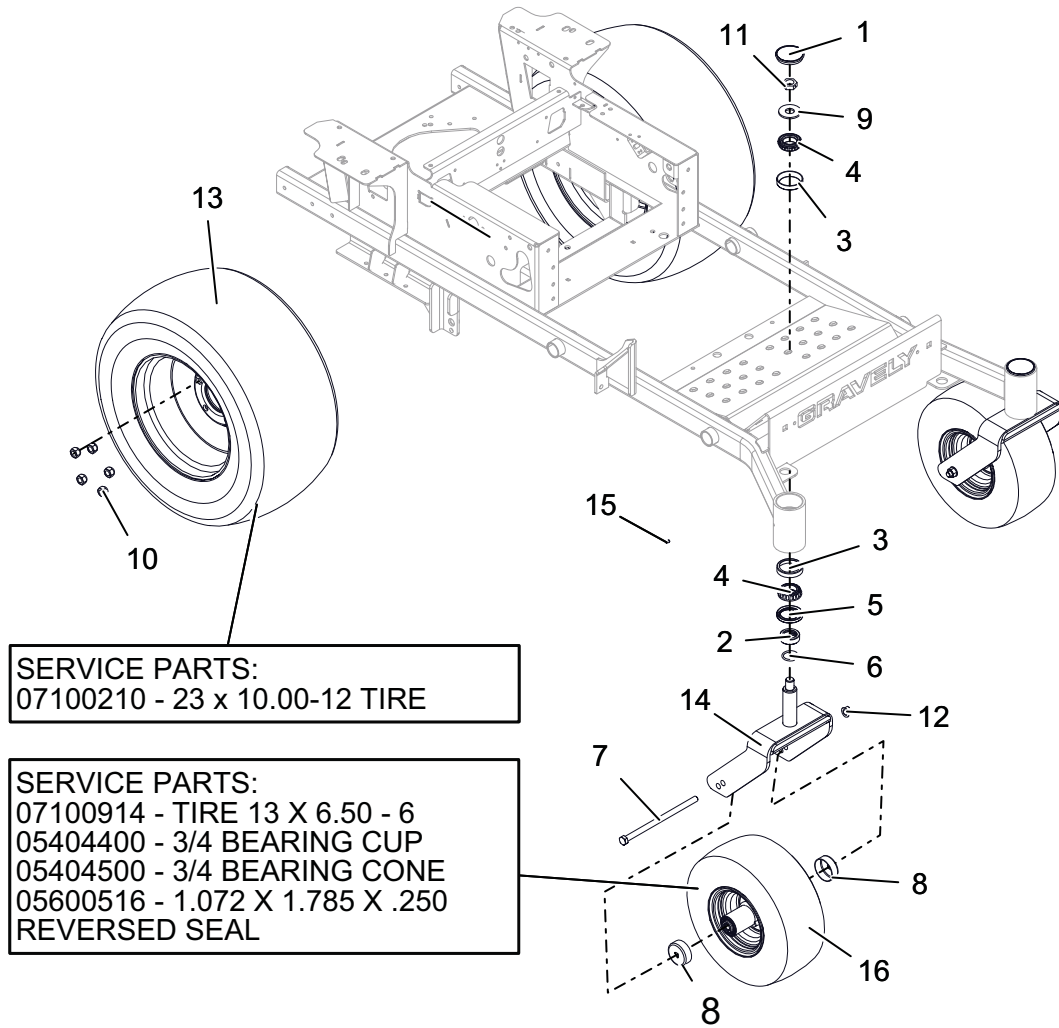
Models 991300, 303



BOM ID	Number	Qty	Description
1	03925900	2	CAP, DUST
2	04718600	2	SPCR, FRONT CASTER FORK
3	05404600	4	BRG, CUP 2.328 X .465
4	05404700	4	BRG, CONE 1.250 X .660
5	05600432	2	SEAL, OIL 1.75 X 2.332 X .312
6	05600515	2	O-RING, .139 W X 1.234 ID
7	05961200	2	BLT-HEX .50-13X9.00 GR5 YWZC
8	09357800	2	SHIELD, WHEEL BEARING
9	06439800	2	WSHR-FL-STL.812X2.00X.148YWZC
10	06517600	10	NUT, LUG .500-13
11	06536900	2	NUT, JAM CTRLK .75-16 YWZC
12	06543600	2	NUT, LK-TOP-FLG .50-13 YWZC
13	07100810	2	ASSM TIREWHEEL, 23X10-12
14	03924453	2	WMT, CASTER FORK - RED
15	07001723	2	FITTING, .250-28 FLUSH MOUNT GREASE
16	07101025	2	TIRE/WHEEL, 13 X 6.50-6 SMOOTH

CASTERS AND TIRES 48" – SN 040000 AND UP

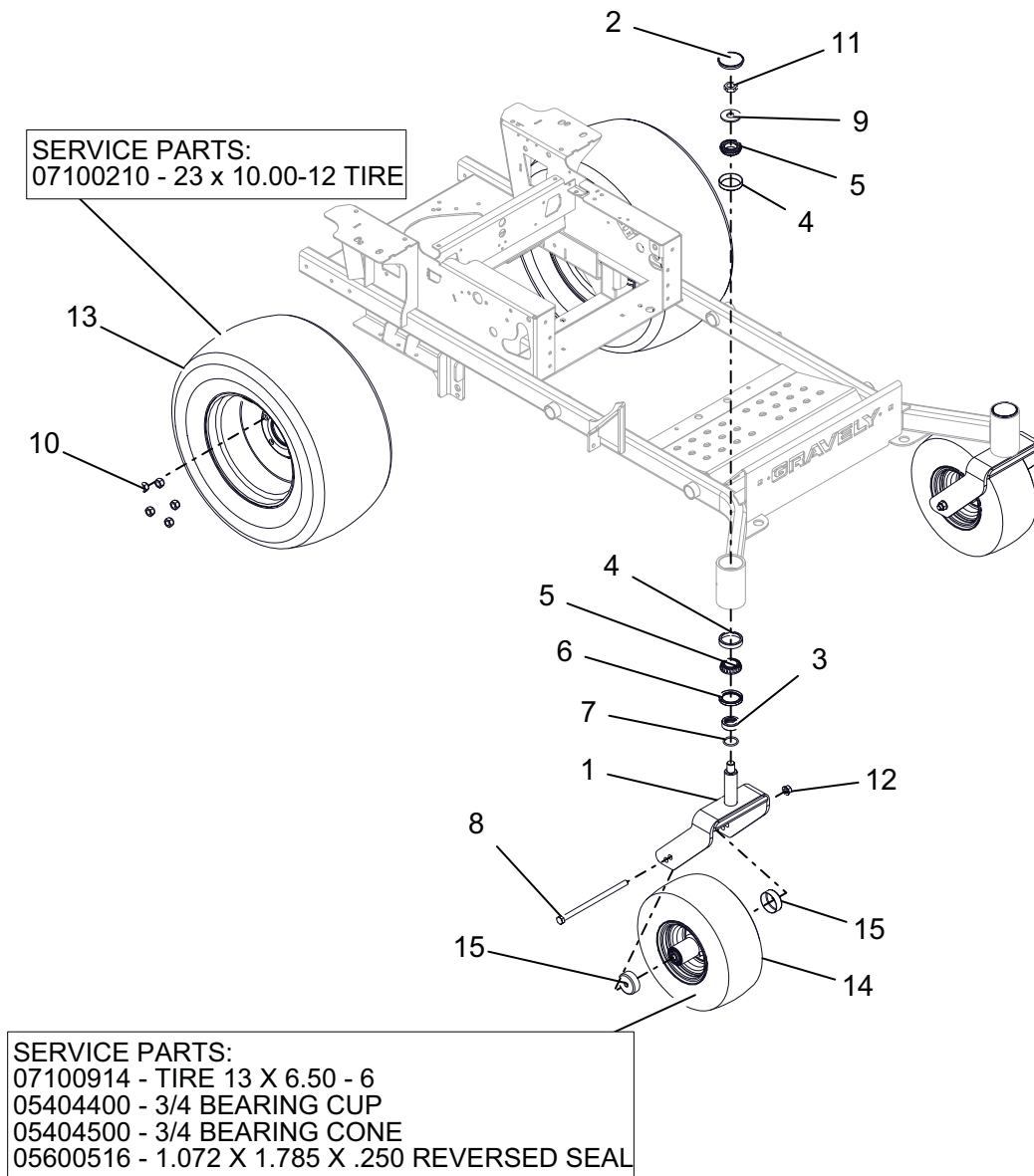
Models 991300, 303



BOM ID	Number	Qty	Description
1	03925900	2	CAP, DUST
2	04861500	2	SPCR, FRONT CASTER FORK
3	05404600	4	BRG, CUP 2.328 X .465
4	05404700	4	BRG, CONE 1.250 X .660
5	05600432	2	SEAL, OIL 1.75 X 2.332 X .312
6	05600515	2	O-RING, .139 W X 1.234 ID
7	05961200	2	BLT-HEX .50-13X9.00 GR5 YWZC
8	09357800	2	SHIELD, WHEEL BEARING
9	06439800	2	WSHR-FL-STL.812X2.00X.148YWZC
10	06517600	10	NUT, LUG .500-13
11	06500721	2	@NUT-LK-CTR-JAM .75-16 YWZC
12	06543600	2	NUT, LK-TOP-FLG .50-13 YWZC
13	07101116	2	ASSM TIREWHEEL, 23X10-12
14	03924453	2	WMT, CASTER FORK - RED
15	07001727	2	FITTING, .250-28 FLUSH MOUNT GREASE
16	07101025	2	TIRE/WHEEL, 13 X 6.50-6 SMOOTH

CASTERS AND TIRES 52" AND 60" – SN 030000 - 039999

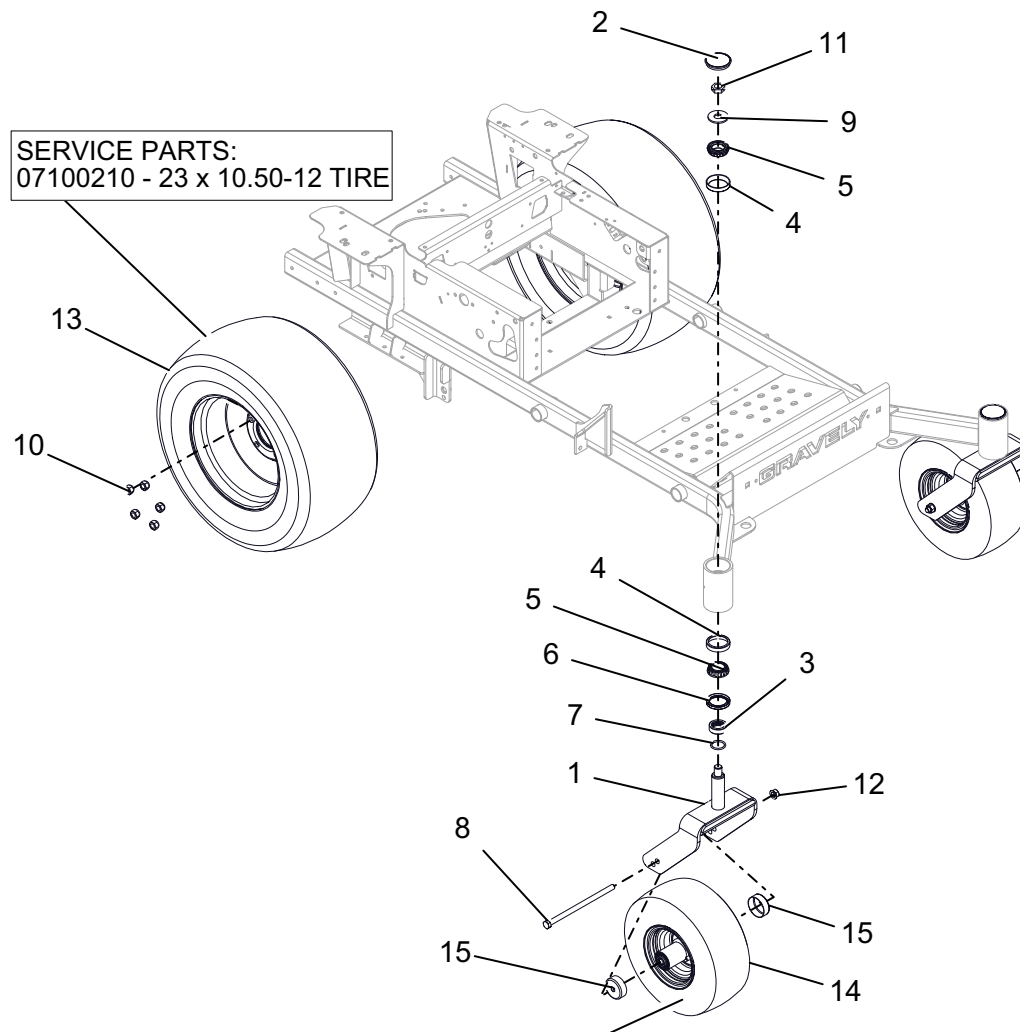
Models 991304, 305



BOM ID	Number	Qty	Description
1	03924453	2	WMT, CASTER FORK - RED
2	03925900	2	CAP, DUST
3	04718600	2	SPCR, FRONT CASTER FORK
4	05404600	4	BRG, CUP 2.328 X .465
5	05404700	4	BRG, CONE 1.250 X .660
6	05600432	2	SEAL, OIL 1.75 X 2.332 X .312
7	05600515	2	O-RING, .139 W X 1.234 ID
8	05961200	2	BLT-HEX .50-13X9.00 GR5 YWZC
9	06439800	2	WSHR-FL-STL.812X2.00X.148YWZC
10	06517600	10	NUT, LUG .500-13
11	06536900	2	@NUT-LK-CTR-JAM .75-16 YWZC
12	06543600	2	NUT, LK-TOP-FLG .50-13 YWZC
13	07100810	2	ASSM TIREWHEEL, 23X10-12
14	07101025	2	TIRE/WHEEL, 13 X 6.50-6 SMOOTH
15	09357800	4	SHIELD, WHEEL BEARING

CASTERS AND TIRES 52" AND 60" – SN 040000 - 049999

Models 991304, 305

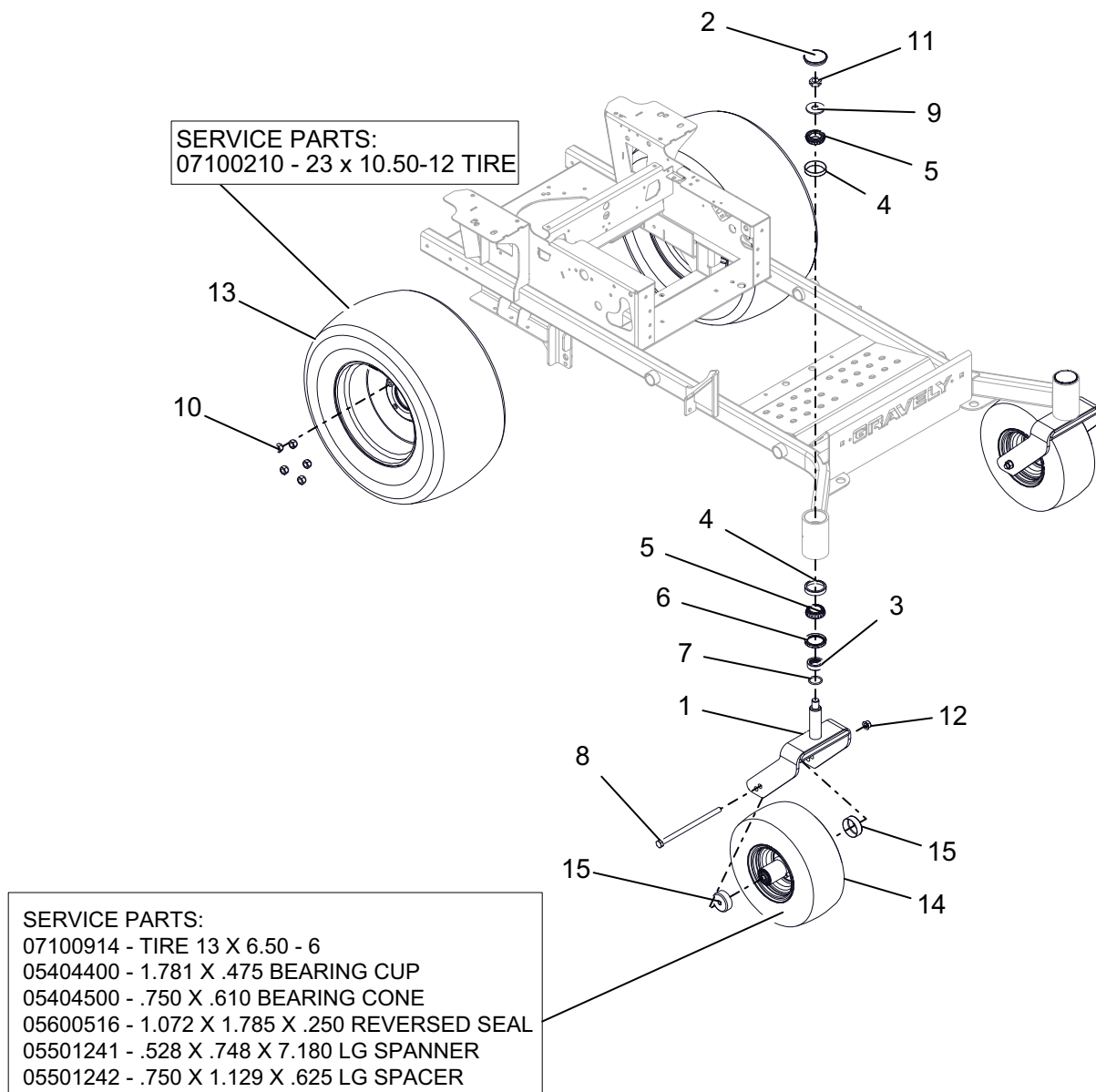


SERVICE PARTS:
 07100914 - TIRE 13 X 6.50 - 6
 05404400 - 3/4 BEARING CUP
 05404500 - 3/4 BEARING CONE
 05600516 - 1.072 X 1.785 X .250 REVERSED SEAL

BOM ID	Number	Qty	Description
1	03924453	2	WMT, CASTER FORK - RED
2	03925900	2	CAP, DUST
3	04718600	2	SPCR, FRONT CASTER FORK
4	05404600	4	BRG, CUP 2.328 X .465
5	05404700	4	BRG, CONE 1.250 X .660
6	05600432	2	SEAL, OIL 1.75 X 2.332 X .312
7	05600515	2	O-RING, .139 W X 1.234 ID
8	05961200	2	BLT-HEX .50-13X9.00 GR5 YWZC
9	06439800	2	WSHR-FL-STL.812X2.00X.148YWZC
10	06517600	10	NUT, LUG .500-13
11	06500721	2	@NUT-LK-CTR-JAM.75-16 YWZC
12	06543600	2	NUT, LK-TOP-FLG .50-13 YWZC
13	07101042	2	ASSM TIREWHEEL, 23X10.5-12
14	07101025	2	TIRE/WHEEL, 13 X 6.50-6 SMOOTH
15	09357800	4	SHIELD, WHEEL BEARING

CASTERS AND TIRES – 52" AND 60" – SN 050000 AND UP

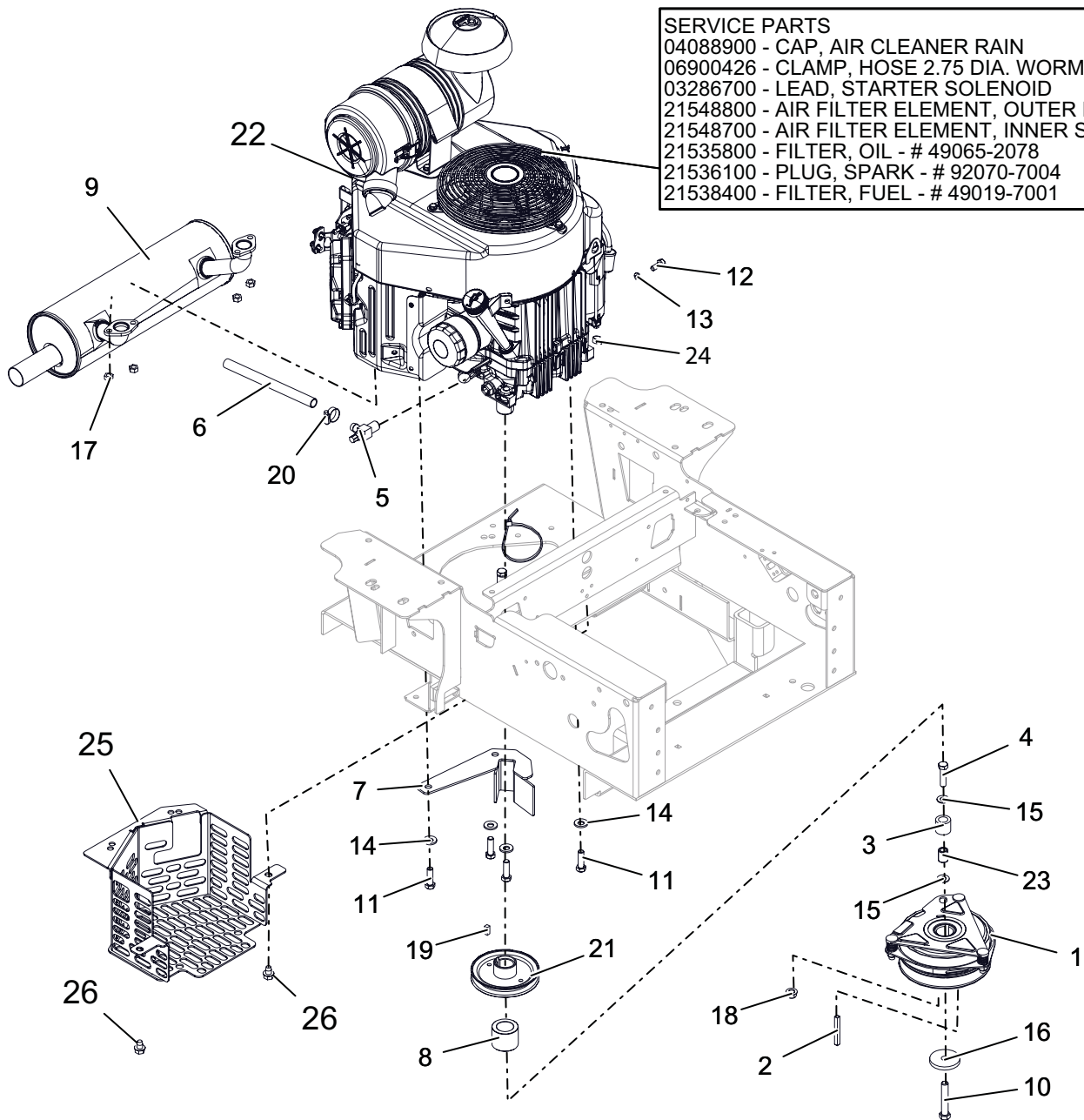
Models 991304, 305



BOM ID	Number	Qty	Description
1	03924453	2	WMT, CASTER FORK - RED
2	03925900	2	CAP, DUST
3	04861500	2	SPCR, FRONT CASTER FORK
4	05404600	4	BRG, CUP 2.328 X .465
5	05404700	4	BRG, CONE 1.250 X .660
6	05600432	2	SEAL, OIL 1.75 X 2.332 X .312
7	05600515	2	O-RING, .139 W X 1.234 ID
8	05961200	2	BLT-HEX .50-13X9.00 GR5 YWZC
9	06439800	2	WSHR-FL-STL.812X2.00X.148YWZC
10	06517600	10	NUT, LUG .500-13
11	06500721	2	@NUT-LK-CTR-JAM .75-16 YWZC
12	06543600	2	NUT, LK-TOP-FLG .50-13 YWZC
13	07101116	2	ASSM TIREWHEEL, 23X10.5-12
14	07101110	2	TIRE/WHEEL, 13 X 6.50-6 SMOOTH
15	09357800	4	SHIELD, WHEEL BEARING

ENGINE – SN 030000 - 039999

Models All

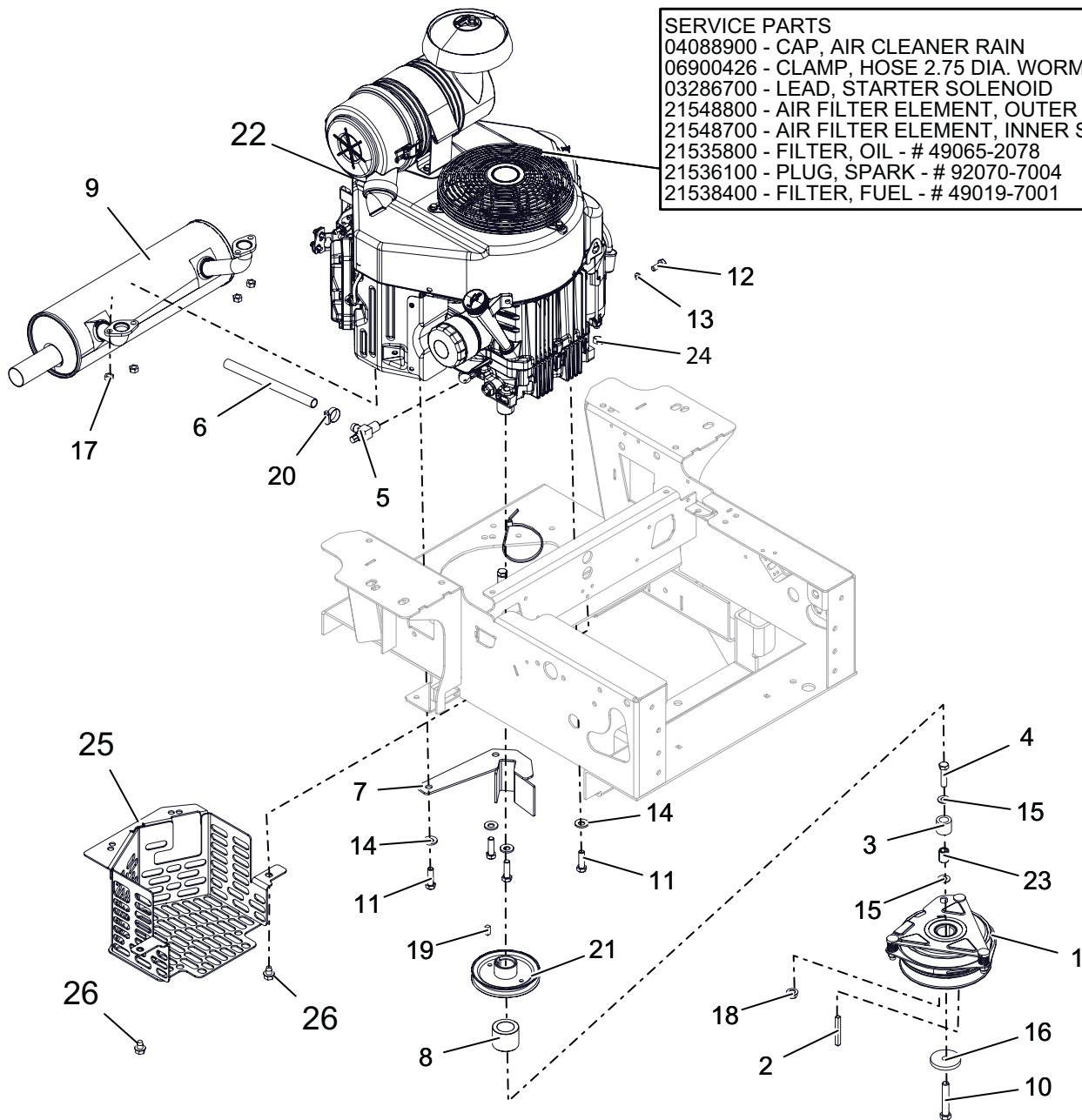


BOM ID	Number	Qty	Description
1	03785000	1	CLUTCH, OGURA GT2.5-FE02
2	06610300	1	KEY, .25X.25X2.25
3	07500007	1	BUMPER, RUBBER .62 X 1.0 X .88 LG
4	05957900	1	BLT-HEX .38-16X1.50 GR5 YWZC
5	00429000	1	DRAIN, 1/2" OIL
6	01590900	1	TUBE, OIL DRAIN 8" CLEAR VINYL
7	03828051	1	WMT, 100I CLUTCH STOP - BLK
8	03829700	1	SPCR, 1.125 X 1.75 X 1.400
9	03989000	1	MUFFLER, KAWASAKI FX24/26 HP
10	05900036	1	BLT-HEX .44-20X2.50 GR5 EP80 YWZC
11	05901522	4	BLT-HEX .38-16X1.25 GR5 YWZC NYTORQ
12	05973300	1	@BLT-HEX M8-1.25X20 YWZC
13	06308600	1	WSHR-LK .31X.078 REG YWZC
14	06400927	4	WSHR, 3/8" SPRING DISC

BOM ID	Number	Qty	Description
15	06436200	2	WSHR-FL-STL.406X.812X.065 YWZ
16	06443600	1	WSHR-FL-STL .469X2.00X.25 YWZC
17	06500018	4	NUT-LK-TOP M8-1.25 YWZC
18	06542000	1	NUT, LK-TOP-FLG .38-16 YWZC
19	06602700	1	KEY-SQ .250X.250X.625
20	06923500	1	CLAMP, .88 DIA HOSE
21	07331667	1	PULLEY, 4.50 OD X 1.127 ENGINE-BLACK
22	08200721	1	ENGINE, KAWASAKI FX691
23	08905500	1	BUSHING, SLV .407X.625X.813
24	03278800	1	CLAMP, FUEL LINE
25	04499251	1	WLDMT, CLUTCH & BELT GUARD
26	07412900	2	SCR-TAP .38-16X.50 HWH TR YWZ

ENGINE – SN 040000 AND UP

Models All

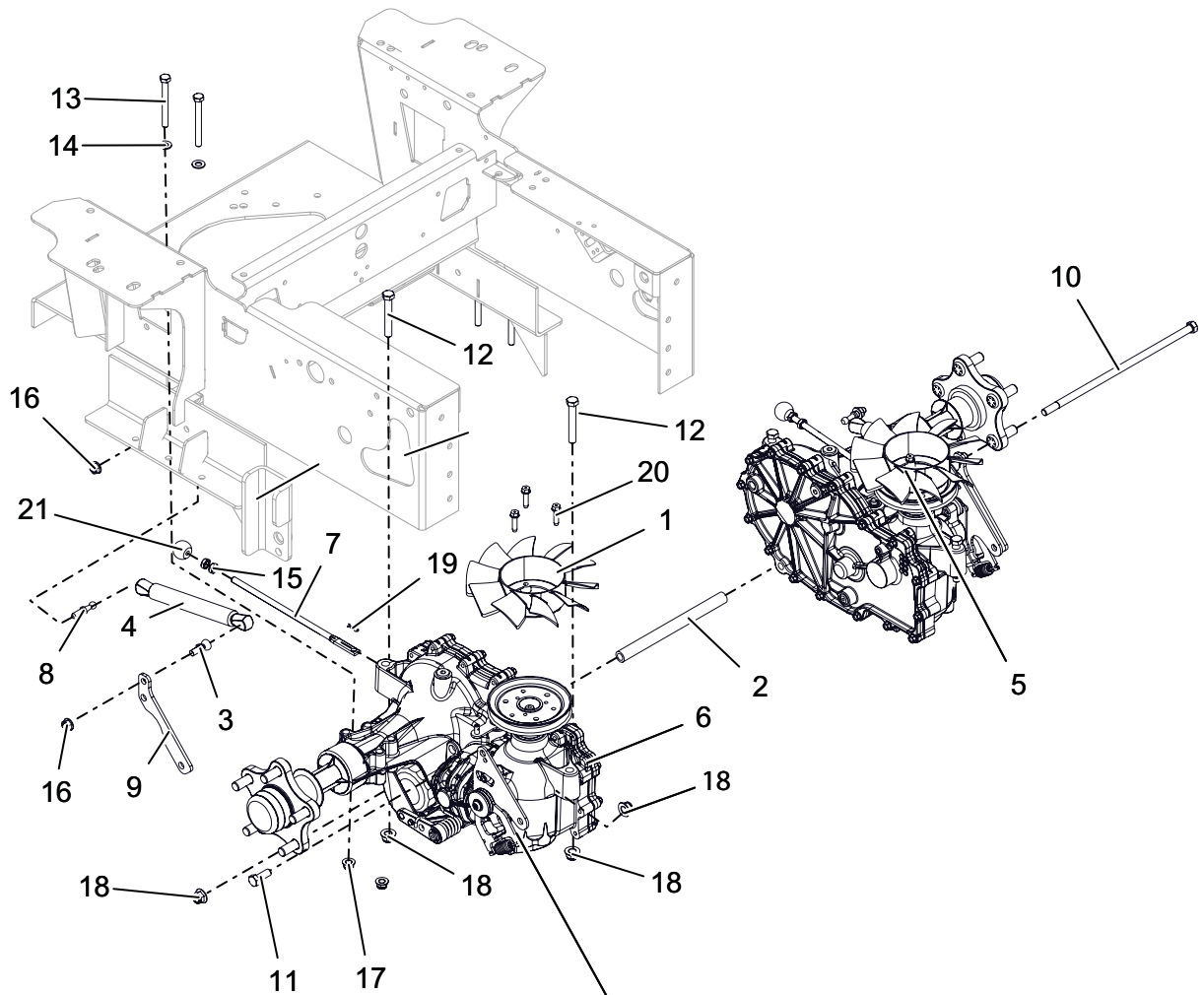


BOM ID	Number	Qty	Description
1	03785000	1	CLUTCH, OGURA GT2.5-FE02
2	06610300	1	KEY, .25X.25X2.25
3	07500007	1	BUMPER, RUBBER .62 X 1.0 X .88 LG
4	05958500	1	BLT-HEX .38-16X1.50 GR5 YWZC
5	00429000	1	DRAIN, 1/2" OIL
6	07001731	1	TUBE, OIL DRAIN 8" CLEAR VINYL
7	04788751	1	WMT, 100I CLUTCH STOP - BLK
8	03829700	1	SPCR, 1.125 X 1.75 X 1.400
9	03989000	1	MUFFLER, KAWASAKI FX24/26 HP
10	05900036	1	BLT-HEX .44-20X2.50 GR5 EP80 YWZC
11	05901522	4	BLT-HEX .38-16X1.25 GR5 YWZC NYTORQ
12	05973300	1	@BLT-HEX M8-1.25X20 YWZC
13	06308600	1	WSHR-LK .31X.078 REG YWZC
14	06400927	4	WSHR, 3/8" SPRING DISC

BOM ID	Number	Qty	Description
15	06436200	2	WSHR-FL-STL.406X.812X.065 YWZ
16	06443600	1	WSHR-FL-STL .469X2.00X.25 YWZC
17	06500018	4	NUT-LK-TOP M8-1.25 YWZC
18	06542000	1	NUT, LK-TOP-FLG .38-16 YWZC
19	06602700	1	KEY-SQ .250X.250X.625
20	06923500	1	CLAMP, .88 DIA HOSE
21	07331667	1	PULLEY, 4.50 OD X 1.127 ENGINE-BLACK
22	08200721	1	ENGINE, KAWASAKI FX691
23	08833400	1	BUSHING, SLV .391X.622X.950 ST
24	03278800	1	CLAMP, FUEL LINE
25	04499251	1	WLDMT, CLUTCH & BELT GUARD
26	07412900	2	SCR-TAP .38-16X.50 HWH TR YWZ

TRANSAXLE – SN 030000 - 0399999

Models All



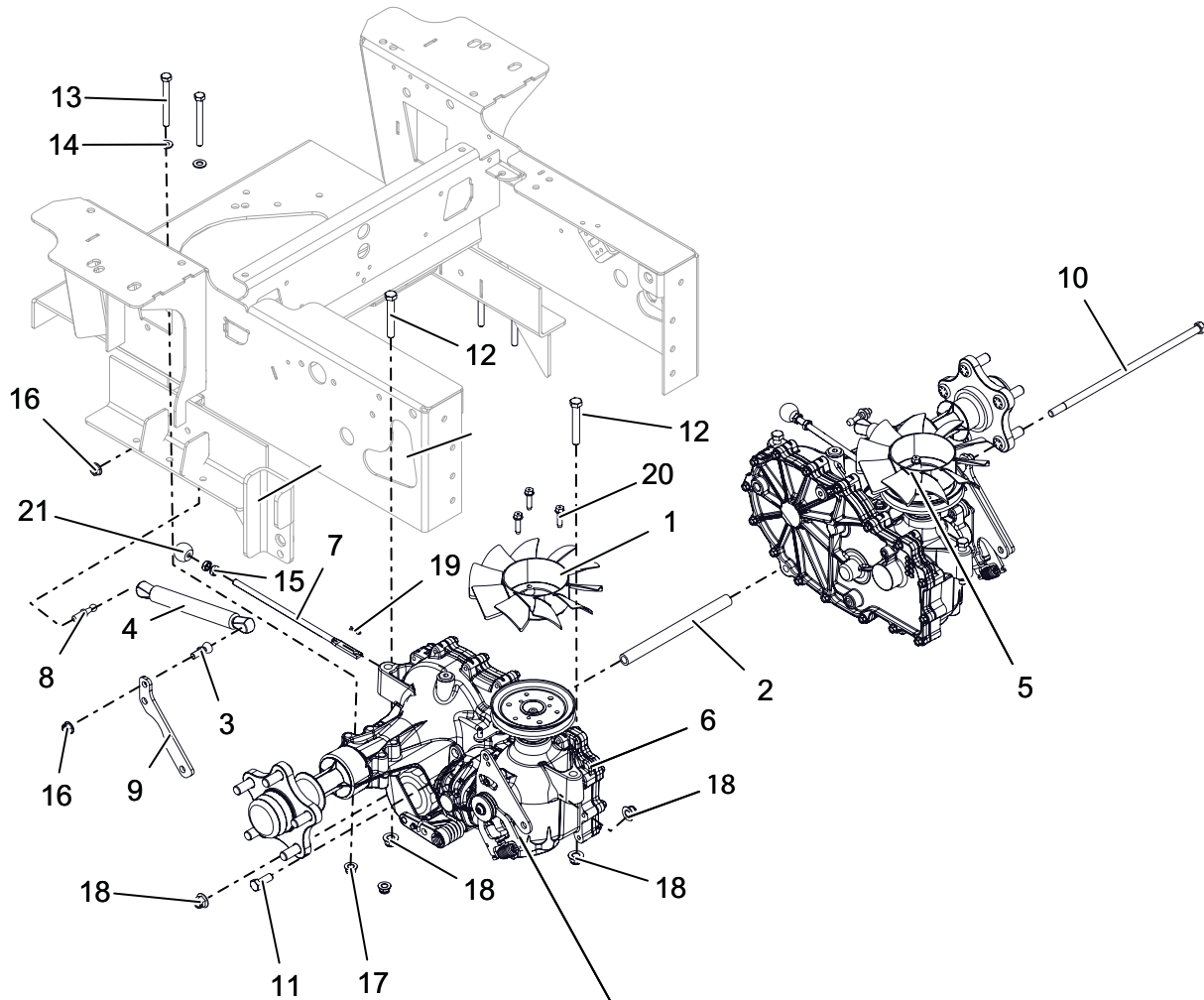
SERVICE PARTS
21545100 - OIL FILTER
21544042 - HYDRO RESERVIOR CAP

BOM ID	Number	Qty	Description
1	03283500	2	FAN, 2800 SERIES COOLING
2	03367200	1	SPACER, .406 ID X .630 OD X 7.724
3	03652200	2	STUD-BALL
4	03769800	2	DAMPER,
5	03776500	1	TRANSAXLE, ZT3400 - LH
6	03776400	1	TRANSAXLE, ZT3400 - RH
7	03911900	2	LEVER, PT100 DUMP VALVE
8	04097100	2	STUD, BALL THREADED
9	04244751	2	TRANSMISSION DAMPER MTG PLATE - BLK
10	05901315	1	BLT, HEX .38-16X11.00 GR5 YWZC
11	05948700	2	BLT-HEX .38-16X1.00 GR5 YWZC

BOM ID	Number	Qty	Description
12	05958400	4	BLT-HEX .38-16X2.50 GR5 YWZC
13	05962500	4	BLT-HEX .31-18X3.00 GR5 YWZC
14	06437200	4	WSHR-FL-STL.344X.688X.065YWZC
15	06536100	4	NUT, JAM .312-18 YWZC
16	06543100	4	NUT, LK-TOP-FLG .312-18 YWZC
17	06545400	4	NUT-LK-NYL-FLG .31-18 YWZC
18	06545500	7	NUT-LK-NYL-FLG .38-16 YWZC
19	06701900	2	PIN-HAIR INT .06X.18X.77
20	07412400	6	SCR-TAP .25-20X1.00 HWH TR YZ
21	07539800	2	KNOB, BALL -BLACK .312-18

TRANSAXLES – SN 040000 AND UP

Models All



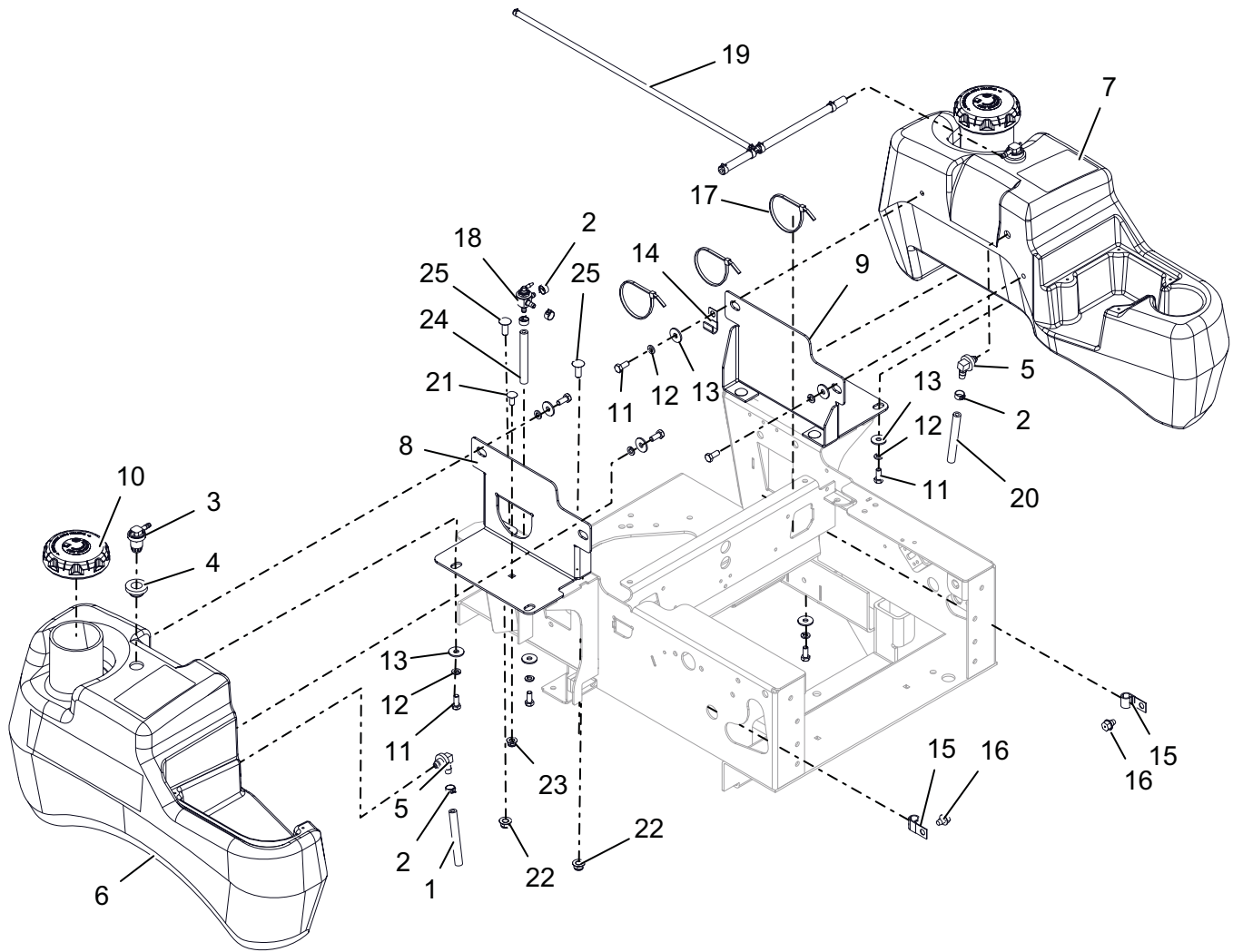
SERVICE PARTS
21545100 - OIL FILTER
21544042 - HYDRO RESERVIOR CAP

BOM ID	Number	Qty	Description
1	03283500	2	FAN, 2800 SERIES COOLING
2	03367200	1	SPACER, .406 ID X .630 OD X 7.724
3	03652200	2	STUD-BALL
4	03769800	2	DAMPER,
5	04828100	1	TRANSAXLE, ZT3400 - LH
6	04828200	1	TRANSAXLE, ZT3400 - RH
7	03911900	2	LEVER, PT100 DUMP VALVE
8	04097100	2	STUD, BALL THREADED
9	04244751	2	TRANSMISSION DAMPER MTG PLATE - BLK
10	05901315	1	BLT, HEX .38-16X11.00 GR5 YWZC
11	05948700	2	BLT-HEX .38-16X1.00 GR5 YWZC

BOM ID	Number	Qty	Description
12	05958400	4	BLT-HEX .38-16X2.50 GR5 YWZC
13	05962500	4	BLT-HEX .31-18X3.00 GR5 YWZC
14	06437200	4	WSHR-FL-STL.344X.688X.065YWZC
15	06536100	4	NUT, JAM .312-18 YWZC
16	06543100	4	NUT, LK-TOP-FLG .312-18 YWZC
17	06545400	4	NUT-LK-NYL-FLG .31-18 YWZC
18	06545500	7	NUT-LK-NYL-FLG .38-16 YWZC
19	06701900	2	PIN-HAIR INT .06X.18X.77
20	07412400	6	SCR-TAP .25-20X1.00 HWH TR YZ
21	07539800	2	KNOB, BALL -BLACK .312-18

FUEL SYSTEM – SN 030000 - 039999

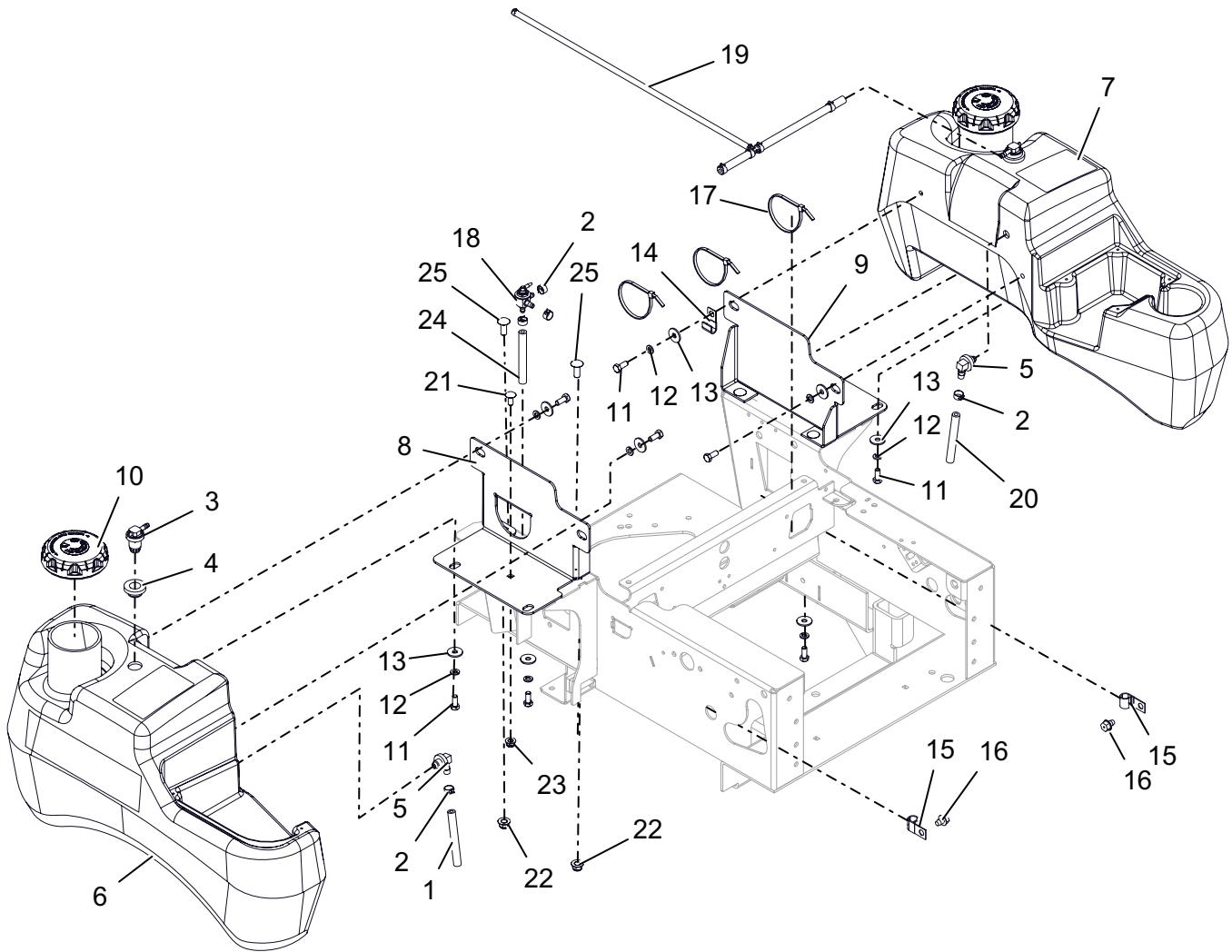
Models All



BOM ID	Number	Qty	Description
1	03278100	1	25 LOW-PERM GAS HOSE 18.50" LG - RH TANK TO VALVE
2	03278800	5	CLAMP, FUEL LINE
3	04815400	2	VALVE, 2-WAY
4	04082700	2	GROMMET, REMOTE VENT NITRILE
5	04320900	2	ASS'Y, SMALL/ MED TANK FUEL PICK-UP
6	04340600	1	TANK, GAS - RH MEDIUM GRAVELY
7	04340700	1	TANK, GAS - LH MEDIUM GRAVELY
8	04517453	1	BRKT, RH MEDIUM FUEL TANK MTG (RED)
9	04517553	1	BRKT, RH MEDIUM FUEL TANK MTG (RED)
10	04558000	2	CAP, FUEL VENT-IN AUTOLOCK
11	05947000	8	BLT-HEX .31-18X.75 GR5 YWZC
12	06308600	8	WSHR-LK .31X.078 REG YWZC
13	06437500	8	WSHR-FL-STL .328X1.00X.094 YWZC
14	06909400	1	CLAMP, J
15	06916000	2	J-CLAMP
16	07412900	2	SCR-TAP .38-16X.50 HWH TR YWZ
17	07517300	3	CABLE, TIE 5.50 LG
18	09258200	1	VALVE, FUEL
19	04458500	1	PT100, KAW FUEL LINE ASSEMBLY
20	03278100	1	25 LOW-PERM GAS HOSE 40.00" LG - LH TANK TO VALVE
21	06215700	2	BLT-RDHSQNK .31-18X.75 G5 YWZC
22	06545500	4	NUT-LK-NYL-FLG .38-16 YWZC
23	06545400	2	NUT-LK-NYL-FLG .31-18 YWZC
24	03278100	1	25 LOW-PERM GAS HOSE 25.00" LG - VALVE TO ENGINE
25	06212000	4	BLT-RDHSQNK.38-16X1.0 G5YZ

FUEL SYSTEM – SN 040000 AND UP

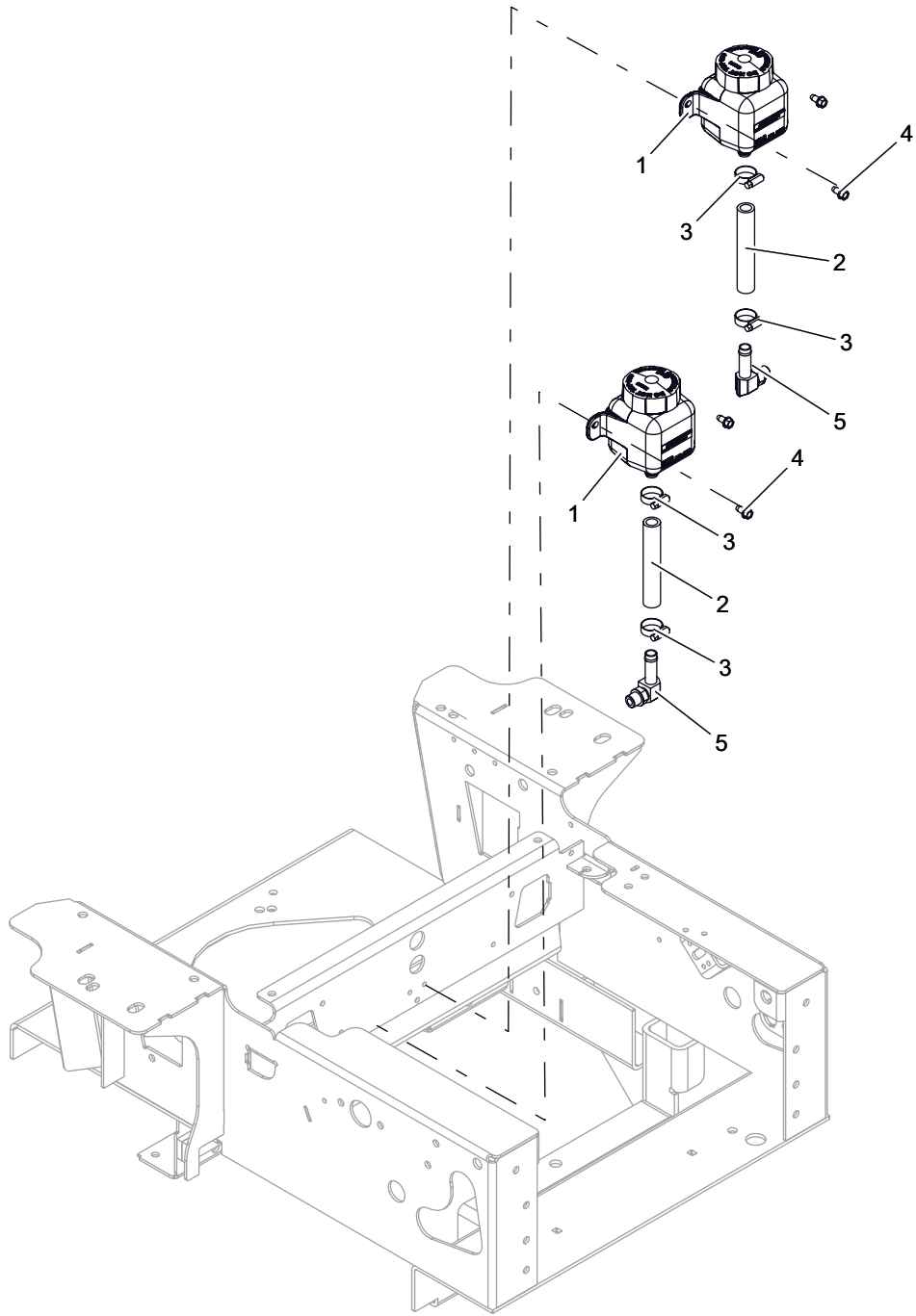
Models All



BOM ID	Number	Qty	Description
1	03278100	1	25 LOW-PERM GAS HOSE 18.50" LG - RH TANK TO VALVE
2	03278800	5	CLAMP, FUEL LINE
3	04815400	2	VALVE, 2-WAY
4	04082700	2	GROMMET, REMOTE VENT NITRILE
5	04320900	2	ASS'Y, SMALL/ MED TANK FUEL PICK-UP
6	04340600	1	TANK, GAS - RH MEDIUM GRAVELY
7	04340700	1	TANK, GAS - LH MEDIUM GRAVELY
8	04517453	1	BRKT, RH MEDIUM FUEL TANK MTG (RED)
9	04517553	1	BRKT, RH MEDIUM FUEL TANK MTG (RED)
10	04558000	2	CAP, FUEL VENT-IN AUTOLOCK
11	05947000	8	BLT-HEX .31-18X.75 GR5 YWZC
12	06308600	8	WSHR-LK .31X.078 REG YWZC
13	06437500	8	WSHR-FL-STL .328X1.00X.094 YWZC
14	06909400	1	CLAMP, J
15	06916000	2	J-CLAMP
16	07412900	2	SCR-TAP .38-16X.50 HWH TR YWZ
17	07517300	3	CABLE, TIE 5.50 LG
18	09258200	1	VALVE, FUEL
19	04839800	1	PT100, KAW FUEL LINE ASSEMBLY
20	03278100	1	25 LOW-PERM GAS HOSE 40.00" LG - LH TANK TO VALVE
21	06215700	2	BLT-RDHDSSQNK .31-18X.75 G5 YWZC
22	06545500	4	NUT-LK-NYL-FLG .38-16 YWZC
23	06545400	2	NUT-LK-NYL-FLG .31-18 YWZC
24	03278100	1	25 LOW-PERM GAS HOSE 25.00" LG - VALVE TO ENGINE
25	06212000	4	BLT-RDHDSSQNK.38-16X1.0 G5YZ

EXPANSION TANKS

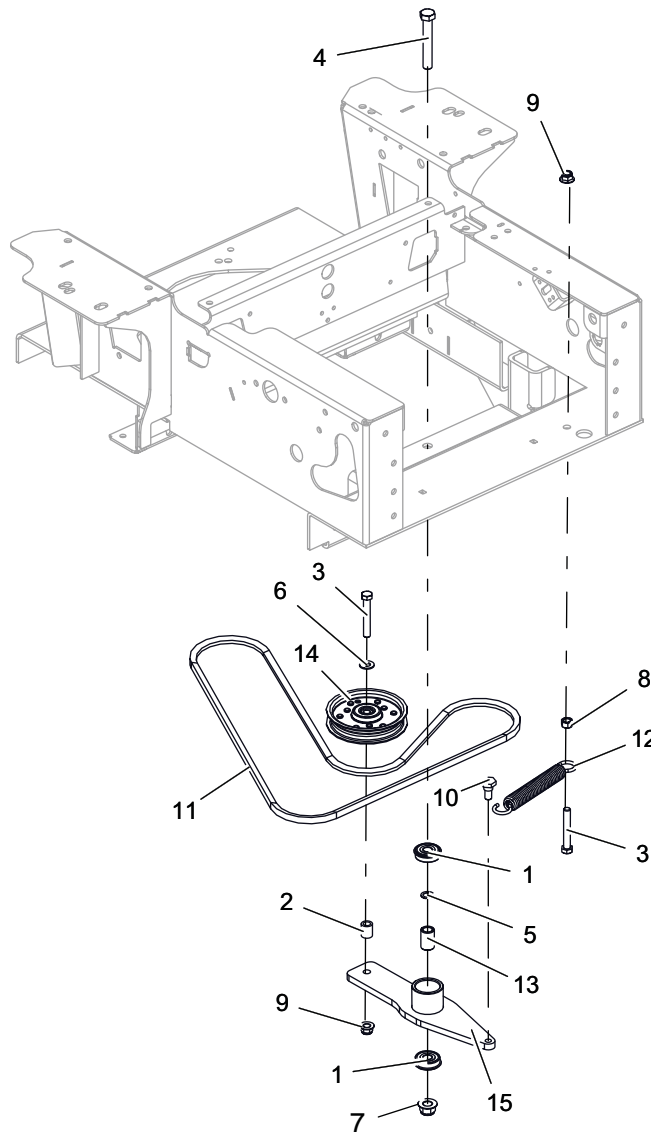
Models All



BOM ID	Number	Qty	Description
1	02970200	2	TANK, EXPANSION ZT2800
2	03832300	2	HOSE, PT100 HYDRO OVERFLOW
3	06923500	4	CLAMP, .88 DIA HOSE
4	07400034	4	SCR-TAP .25-20X.50 HWH TR YWZ
5	07001528	2	FITTING, HYD (90 DEG)

HYDRAULIC DRIVE

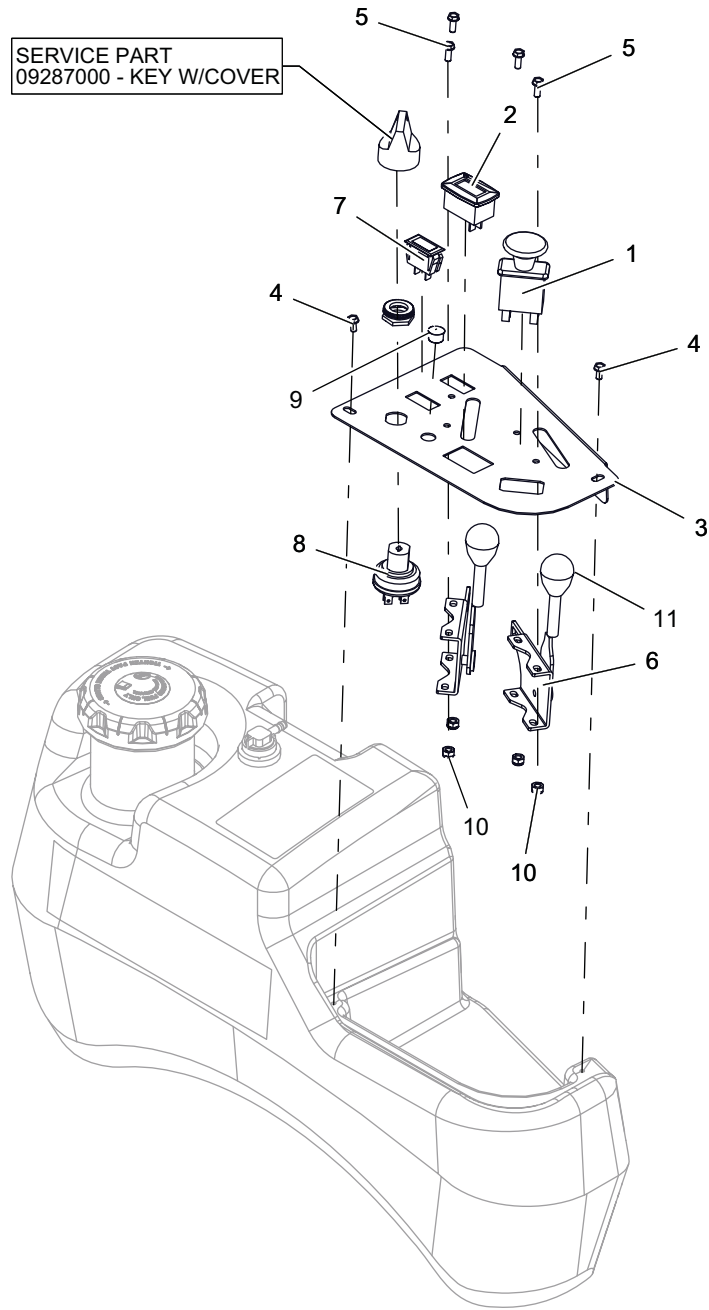
Models All



BOM ID	Number	Qty	Description
1	05480000	2	BRG, BALL .501 X 1.38 X .438 SEALED
2	05525700	1	BSHG-SLV .407X.625X.750
3	05958400	2	BLT-HEX .38-16X2.50 GR5 YWZC
4	05960000	1	BLT-HEX .50-13X3.25 GR5 YWZC
5	06400015	1	WASHER-FLAT-STL, .500 X .750 X .020
6	06436200	1	WSHR-FL-STL.406X.812X.065 YWZ
7	06500010	1	NUT-LK-NYL-FLG .50-13 YWZC
8	06529400	1	NUT-HEX .38-16 YWZC
9	06545500	2	NUT-LK-NYL-FLG .38-16 YWZC
10	07000034	1	BLT, SHLDR EP .38-16X.30 HEX YZ
11	07226400	1	BELT, V-A-COGGED
12	08300507	1	SPRG, EXTENSION
13	09357700	1	SPACER, .510 X .750 X 1.148
14	07300101	1	ASM, IDLER 4"
15	09357451	1	WLDMT, HYDRO DRIVE IDLER ARM-BLACK

CONTROL PANEL

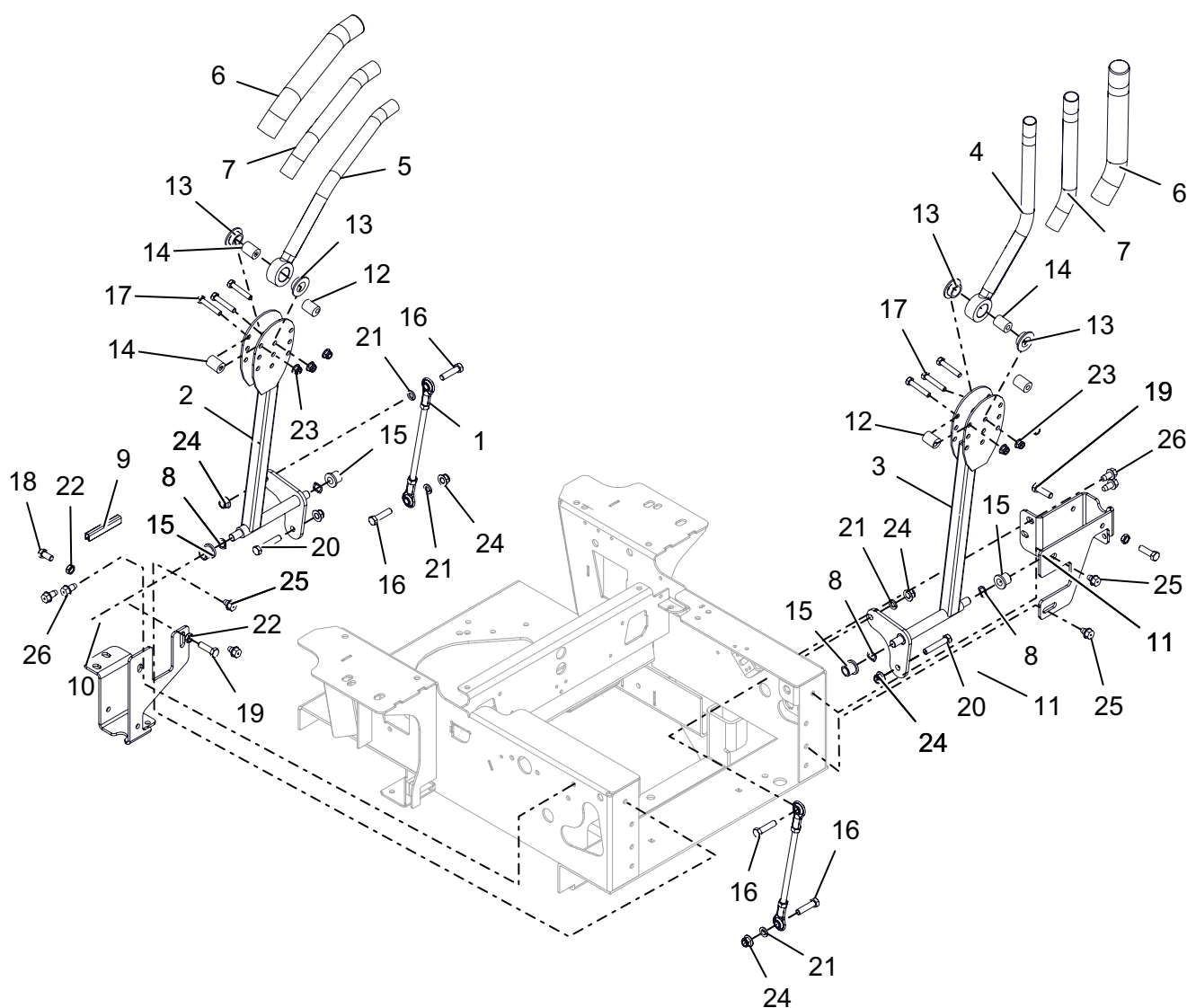
Models All



BOM ID	Number	Qty	Description
1	01545600	1	SWITCH, CLUTCH
2	03966800	1	METER, HOUR W/MAINTENANCE
3	04039151	1	PANEL, CONTROL - PROTURN 100 (BLACK)
4	06100211	2	SCR-MCH 10-24X.38 HWHSTAINLESS
5	06116700	4	@SCR-MCH 10-24X.50 HWH YWZC
6	06900417	2	CABLE, THROTTLE
7	08841200	1	LIGHT, INDICATOR
8	04331600	1	SWITCH, IGNITION
9	07527800	1	PLUG, HOLE .50 DIA
10	06536000	4	NUT-LK-NYL #10-24 YWZC
11	07500132	2	KNOB-CONTROL-BLACK .38-16X.50

STEERING CONTROLS – SN 030000 - 039999

Models All

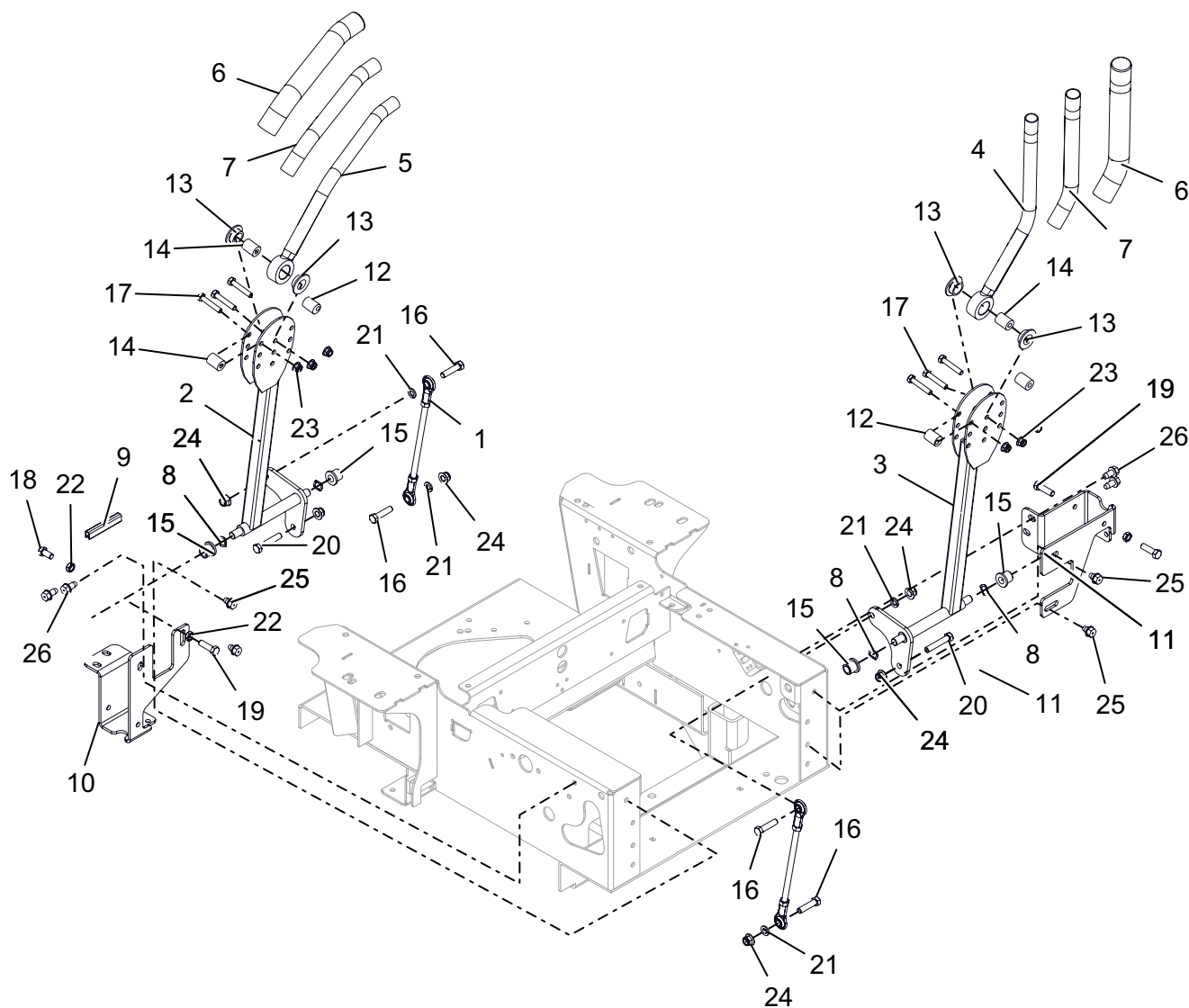


BOM ID	Number	Qty	Description
1	03251700	2	ASM, STEERING LINKAGE
2	04762951	1	WLDMT, PT/PT100 CONTROL ARM-BLACK
3	04763051	1	WLDMT, LH PT/PT100 CONTROL ARM
4	09235500	1	WLDMT, LH HANDLE
5	09235600	1	WLDMT, RH HANDLE
6	03929100	2	GRIP, HANDLEBAR
7	03988300	2	TUBE, .88ID X 1.00OD X 10.25
8	00325400	4	WAVE WASHER .531X.781X.125 FH
9	00918200	1	STRIP, COWL - 1.50 LG
10	03752753	1	BRKT, RH STEERING STOP-RED
11	03754753	1	BRKT, LH STEERING STOP-RED
12	05500932	2	BSHG, ECCENTRIC .328 X .750 X .970
13	05525200	4	BSHG, FLANGE .762 X 1.48 X .44 NYLON
14	09235400	4	SPACER, .328 X .76 X 1.01

BOM ID	Number	Qty	Description
15	05501001	4	BHSG-FLG .500X.750X.750X.125
16	05957900	4	BLT-HEX .38-16X1.50 GR5 YWZC
17	05957400	6	BLT-HEX .31-18X1.75 GR5 YWZC
18	05959400	1	BLT-HEX .38-16X.75 GR5 YWZC
19	05958000	3	BLT-HEX .38-16X1.25 GR5 YWZC
20	05942200	2	BLT-HEX .38-16X2.00 FTH GR5 YWZC
21	06308800	4	WSHR-LK .38X.094 REG YWZC
22	06535900	4	NUT, JAM .375-16 YWZC
23	06545400	6	NUT-LK-NYL-FLG .31-18 YWZC
24	06545500	6	NUT-LK-NYL-FLG .38-16 YWZC
25	07412900	4	SCR-TAP .38-16X.50 HWH TR YWZ
26	07415400	4	SCR-TAP .38-16X.75 HWH TR YWZ

STEERING CONTROLS – SN 040000 - 0499999

Models All

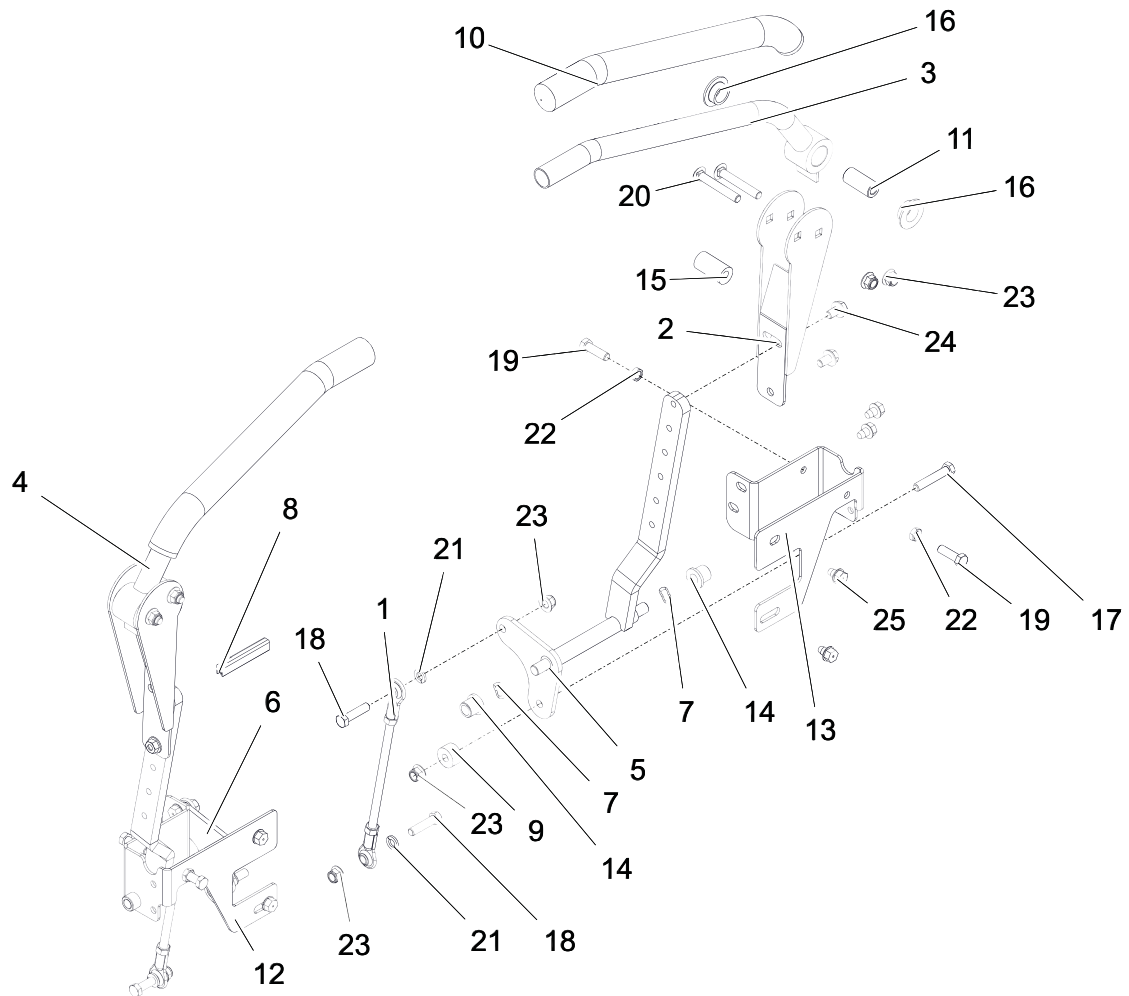


BOM ID	Number	Qty	Description
1	03251700	2	ASM, STEERING LINKAGE
2	04762951	1	WLDMT, PT/PT100 CONTROL ARM-BLACK
3	04763051	1	WLDMT, LH PT/PT100 CONTROL ARM
4	09235500	1	WLDMT, LH HANDLE
5	09235600	1	WLDMT, RH HANDLE
6	03929100	2	GRIP, HANDLEBAR
7	03988300	2	TUBE, .88ID X 1.00OD X 10.25
8	00325400	4	WAVE WASHER .531X.781X.125 FH
9	00918200	1	STRIP, COWL - 1.50 LG
10	04967753	1	BRKT, RH STEERING STOP-RED
11	04967853	1	BRKT, LH STEERING STOP-RED
12	05500932	2	BSHG, ECCENTRIC .328 X .750 X .970
13	05525200	4	BSHG, FLANGE .762 X 1.48 X .44 NYLON
14	09235400	4	SPACER, .328 X .76 X 1.01

BOM ID	Number	Qty	Description
15	05501001	4	BHSG-FLG .500X.750X.750X.125
16	05957900	4	BLT-HEX .38-16X1.50 GR5 YWZC
17	05957400	6	BLT-HEX .31-18X1.75 GR5 YWZC
18	05959400	1	BLT-HEX .38-16X.75 GR5 YWZC
19	05958000	3	BLT-HEX .38-16X1.25 GR5 YWZC
20	05942200	2	BLT-HEX .38-16X2.00 FTH GR5 YWZC
21	06308800	4	WSHR-LK .38X.094 REG YWZC
22	06535900	4	NUT, JAM .375-16 YWZC
23	06545400	6	NUT-LK-NYL-FLG .31-18 YWZC
24	06545500	6	NUT-LK-NYL-FLG .38-16 YWZC
25	07412900	4	SCR-TAP .38-16X.50 HWH TR YWZ
26	07415400	4	SCR-TAP .38-16X.75 HWH TR YWZ

STEERING CONTROLS – SN 050000 AND UP

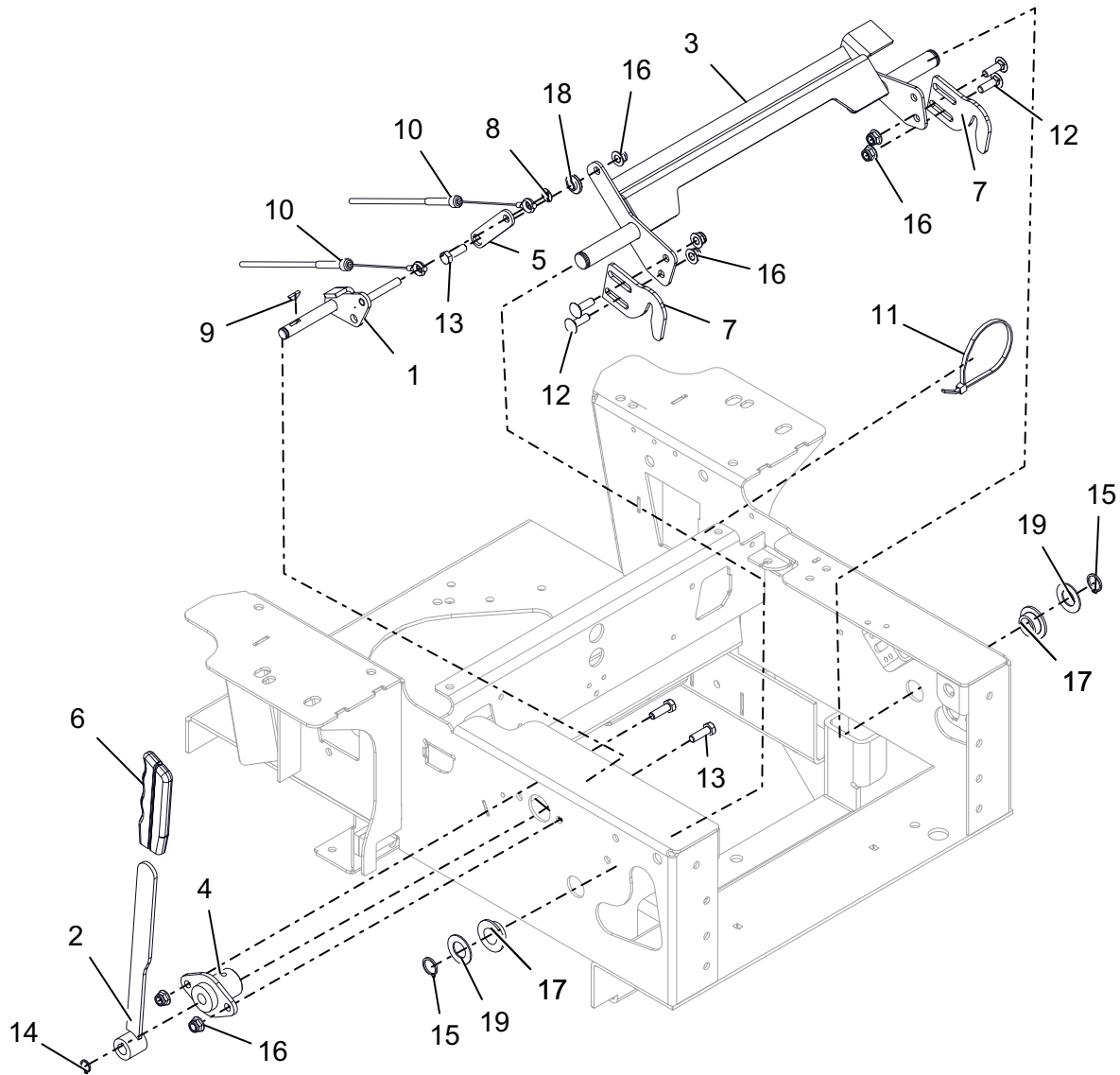
Models All



BOM ID	Number	Qty	Description
1	03251700	2	ASM, STEERING LINKAGE
2	04776951	2	WLDMT, UPPER ADJUSTABLE CONTROL ARM (BLACK)
3	04777100	1	WLDMT, LH CONTROL HANDLE
4	04777200	1	WLDMT, RH CONTROL HANDLE
5	04890900	1	WLDMT, LH LOWER CONTROL ARM
6	04891000	1	WLDMT, RH LOWER CONTROL ARM
7	00325400	4	WAVE WASHER .531X.781X.125 FH
8	00918200	1	STRIP, COWL - 1.50 LG
9	03035100	2	SPACER .390X1.000X.562
10	04383600	2	GRIP, HANDLEBAR
11	04413600	2	SPCR, STEERING ARM
12	04967753	1	BRKT, RH HD STEERING STOP
13	04967853	1	BRKT, LH HD STEERING STOP
14	05501001	4	BHSG-FLG .500X.750X.750X.125
15	05501223	2	BSHG, ECCENTRIC .328 X .750 X 1.625
16	05525200	4	BSHG, FLANGE .762 X 1.48 X .44 NYLON
17	05942200	2	BLT-HEX .38-16X2.00 FTH GR5 YWZC
18	05957900	4	BLT-HEX .38-16X1.50 GR5 YWZC
19	05958000	4	BLT-HEX .38-16X1.25 GR5 YWZC
20	06200213	4	BLT-RHDSSQNK .38-16X2.50 G5YZ
21	06308800	4	WSHR-LK .38X.094 REG YWZC
22	06535900	4	NUT, JAM .375-16 YWZC
23	06545500	10	NUT-LK-NYL-FLG .38-16 YWZC
24	07001707	4	BLT-SERHFWH .38-16X.62 YWZC
25	07412900	8	SCR-TAP .38-16X.50 HWH TR YWZ

PARKING BRAKE – SN 030000 - 039999

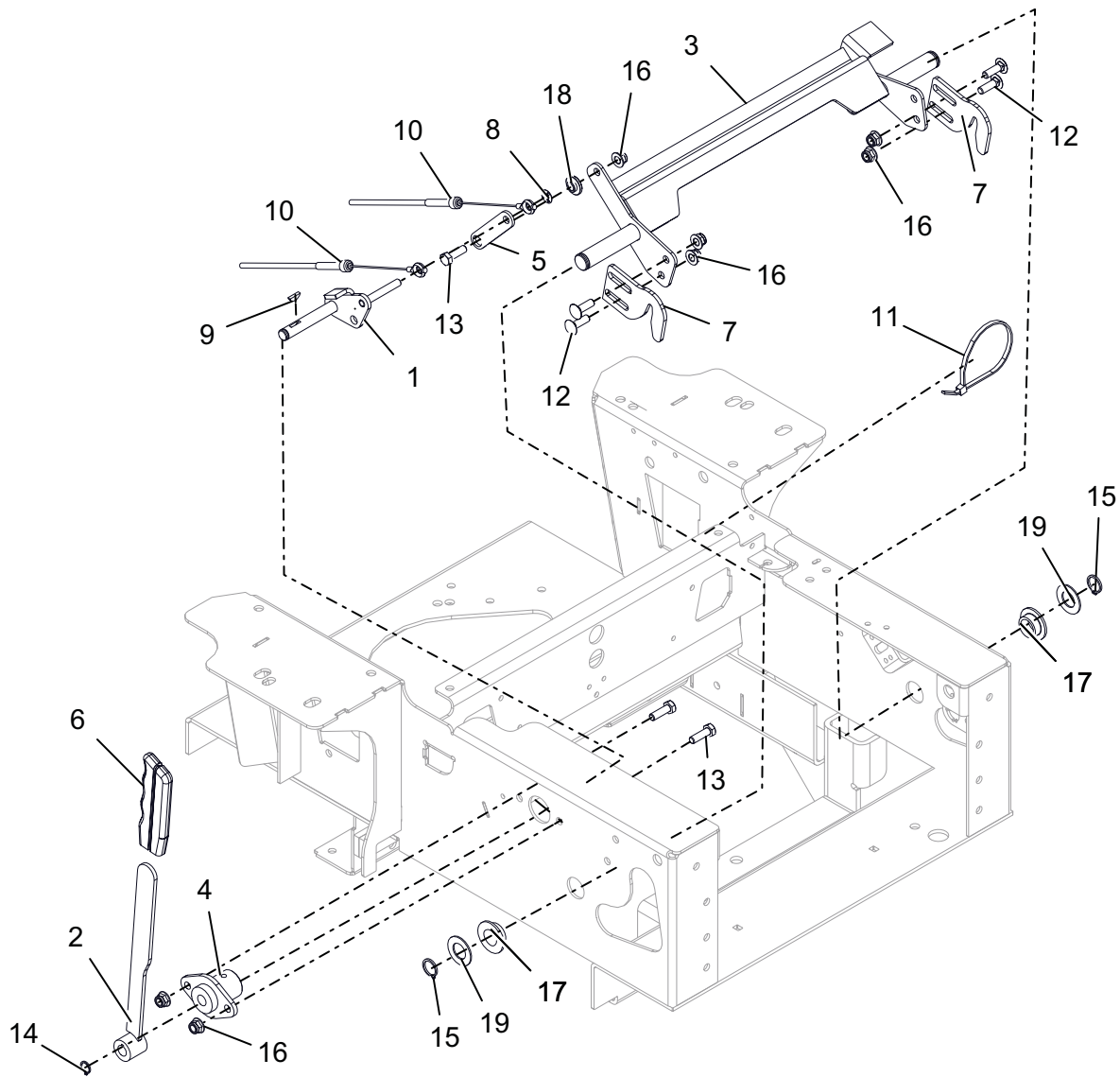
Models All



BOM ID	Number	Qty	Description
1	03251100	1	WLDMT, PARK BRAKE ARM
2	03795900	1	WLDMT, PARKING BRAKE ARM
3	03878700	1	WLDMT, PT100 NEUTRAL LOCK
4	01522000	1	BSHG, FLANGE .500 ID
5	03780900	1	PLATE, NEUTRAL INTERLOCK
6	03826900	1	GRIP, PARKING BRAKE (YELLOW)
7	03861451	2	NEUTRAL, LOCK LATCH-BLACK
8	06514900	1	NUT, PUSH .312
9	06608400	1	KEY, WDRF .13x.63 HRD#5 GM124545 P
10	06900318	2	CABLE, BRAKE ACTUATING
11	07517300	1	CABLE, TIE 5.50 LG
12	06216100	4	BLT-RDHD SQSHNK .31-18X1.00 G5 Y
13	05946900	3	BLT-HEX .31-18X1.00 GR5 YWZC
14	05717100	1	RG-RTNG-EXT .500x.050
15	05714600	2	RG-RTNG-EXT .750x.078
16	06545400	7	NUT-LK-NYL-FLG .31-18 YWZC
17	05503900	2	BSHG, FLANGE .750 X 1.00 X .625 X 1.25
18	01305900	1	BSHG, FLG .325X.499X.26X.88
19	06441500	2	WSHR-FL-STL .755X1.375X.062 YWZC

PARKING BRAKE – SN 040000 AND UP

Models All

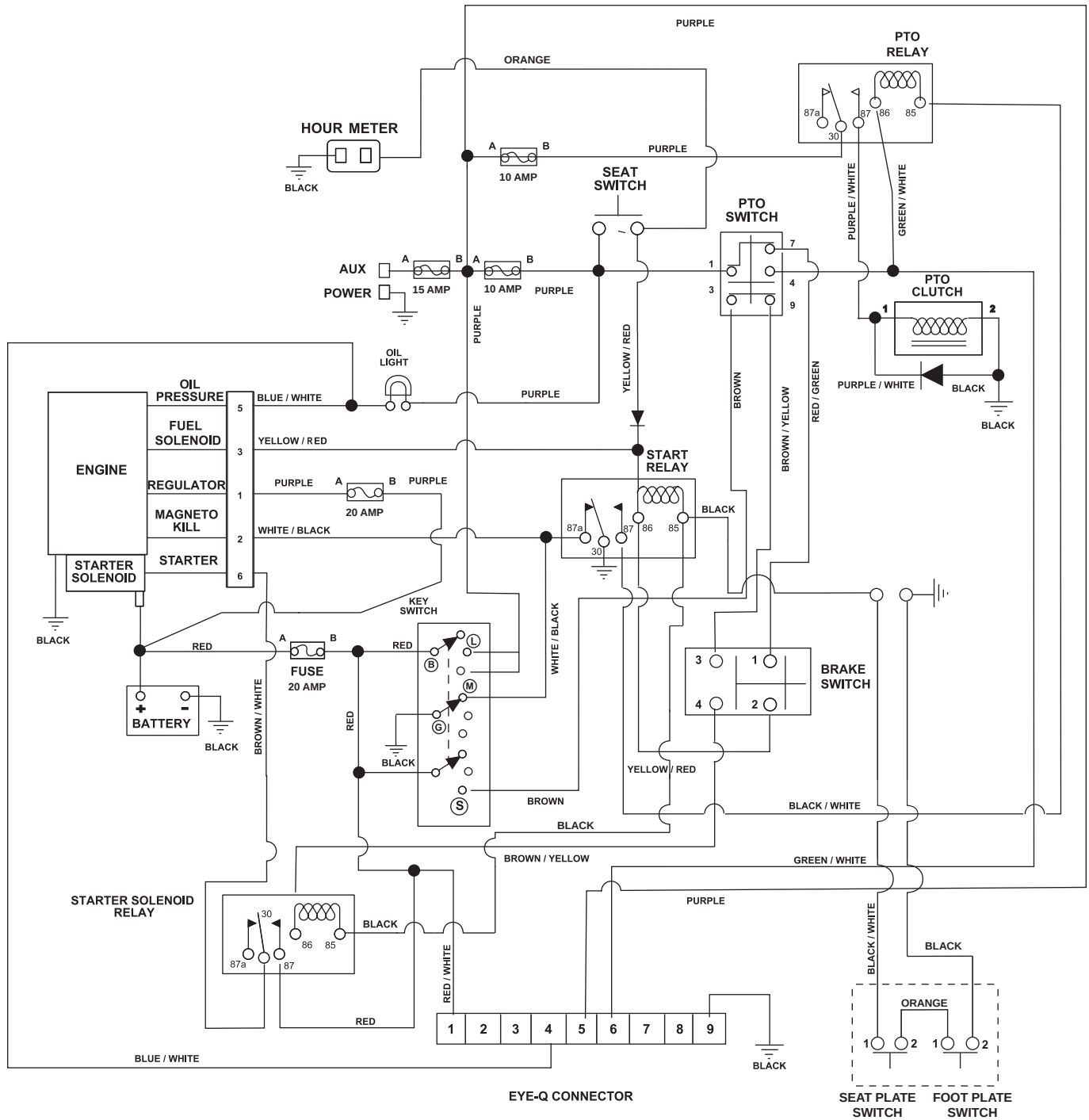


BOM ID	Number	Qty	Description
1	03251100	1	WLDMT, PARK BRAKE ARM
2	03795900	1	WLDMT, PARKING BRAKE ARM
3	03878700	1	WLDMT, PT100 NEUTRAL LOCK
4	01522000	1	BSHG, FLANGE .500 ID
5	03780900	1	PLATE, NEUTRAL INTERLOCK
6	03826900	1	GRIP, PARKING BRAKE (YELLOW)
7	03861451	2	NEUTRAL, LOCK LATCH-BLACK
8	06514900	1	NUT, PUSH .312
9	06608400	1	KEY, WDRF .13x.63 HRD#5 GM124545 P
10	06900318	2	CABLE, BRAKE ACTUATING
11	07517300	1	CABLE, TIE 5.50 LG
12	06216100	4	BLT-RDHD SQSHNK .31-18X1.00 G5 Y
13	05946900	3	BLT-HEX .31-18X1.00 GR5 YWZC
14	05717100	1	RG-RTNG-EXT .500x.050
15	05714600	2	RG-RTNG-EXT .750x.078
16	06545400	7	NUT-LK-NYL-FLG .31-18 YWZC
17	05525200	2	BSHG, FLANGE .762 X 1.48 X .44 NYLON
18	01305900	1	BSHG, FLG .325X.499X.26X.88
19	06441500	2	WSHR-FL-STL .755X1.375X.062 YWZC



WIRING DIAGRAM

Models All



CONTINUITY DIAGRAM

Models All

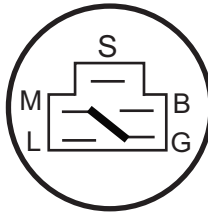
The diagrams below show the various states of connection for electrical components.
The solid lines on switches show continuity.

NOTE: All switches are viewed from the rear.

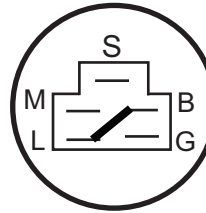
Key Switch (00464000)

POSITION	CIRCUIT
1. OFF	G + M
2. RUN	B + L
3. START	B + L + S

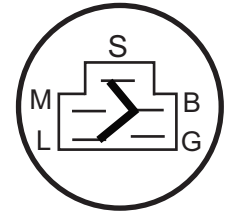
OFF



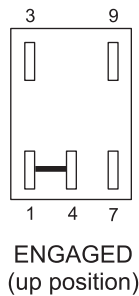
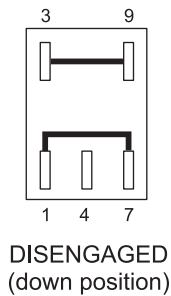
RUN



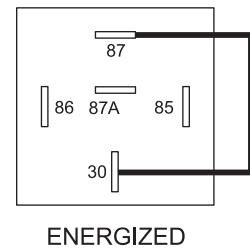
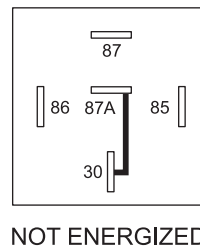
START



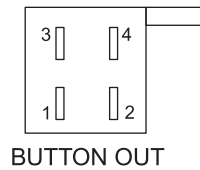
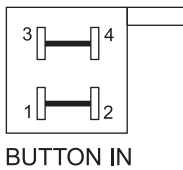
PTO Switch (01545600)



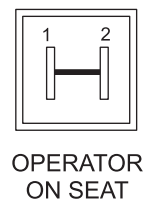
Relay (00432100)



Brake Switch (03834300)

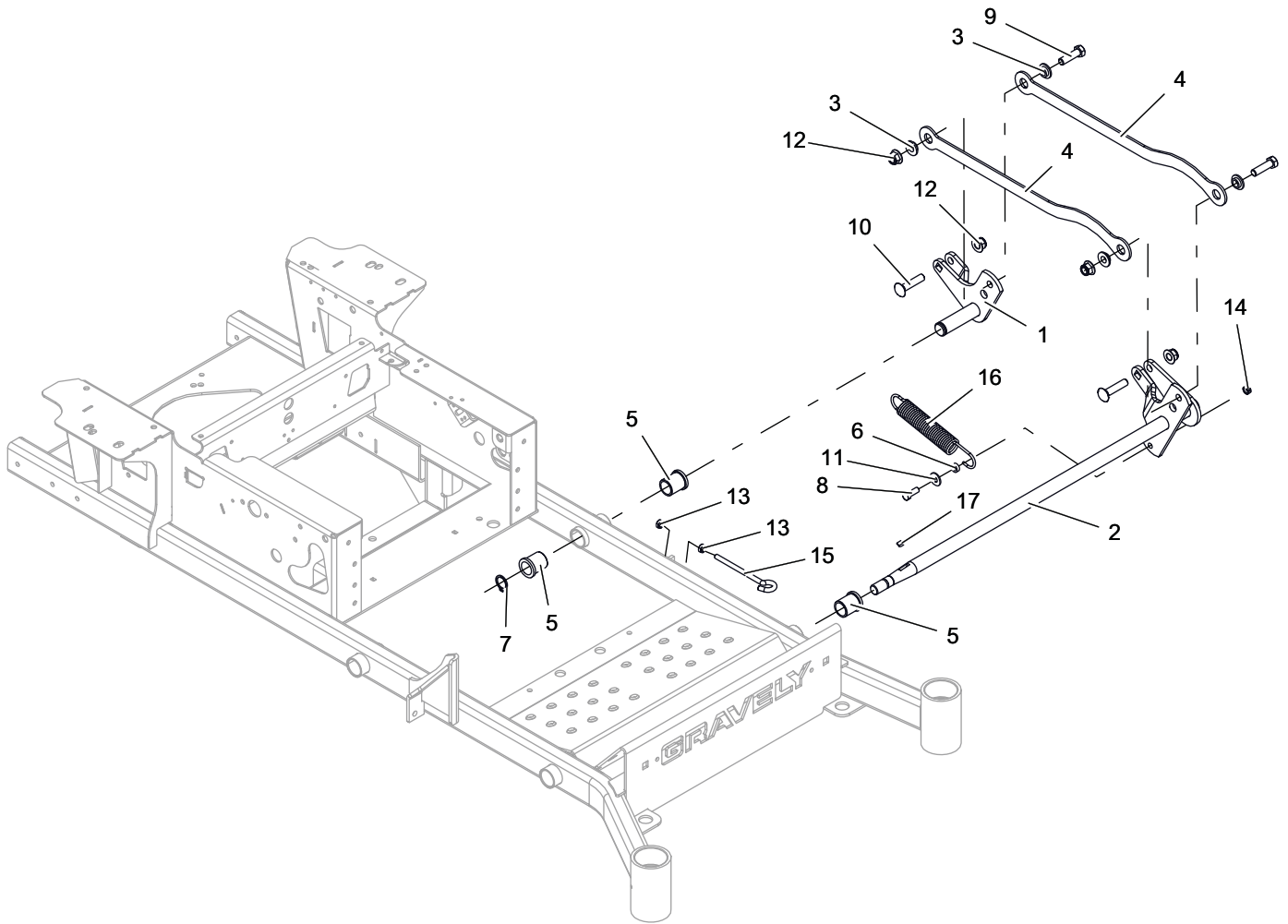


Seat Switch (02754100)



DECK LIFT – LEFT HAND

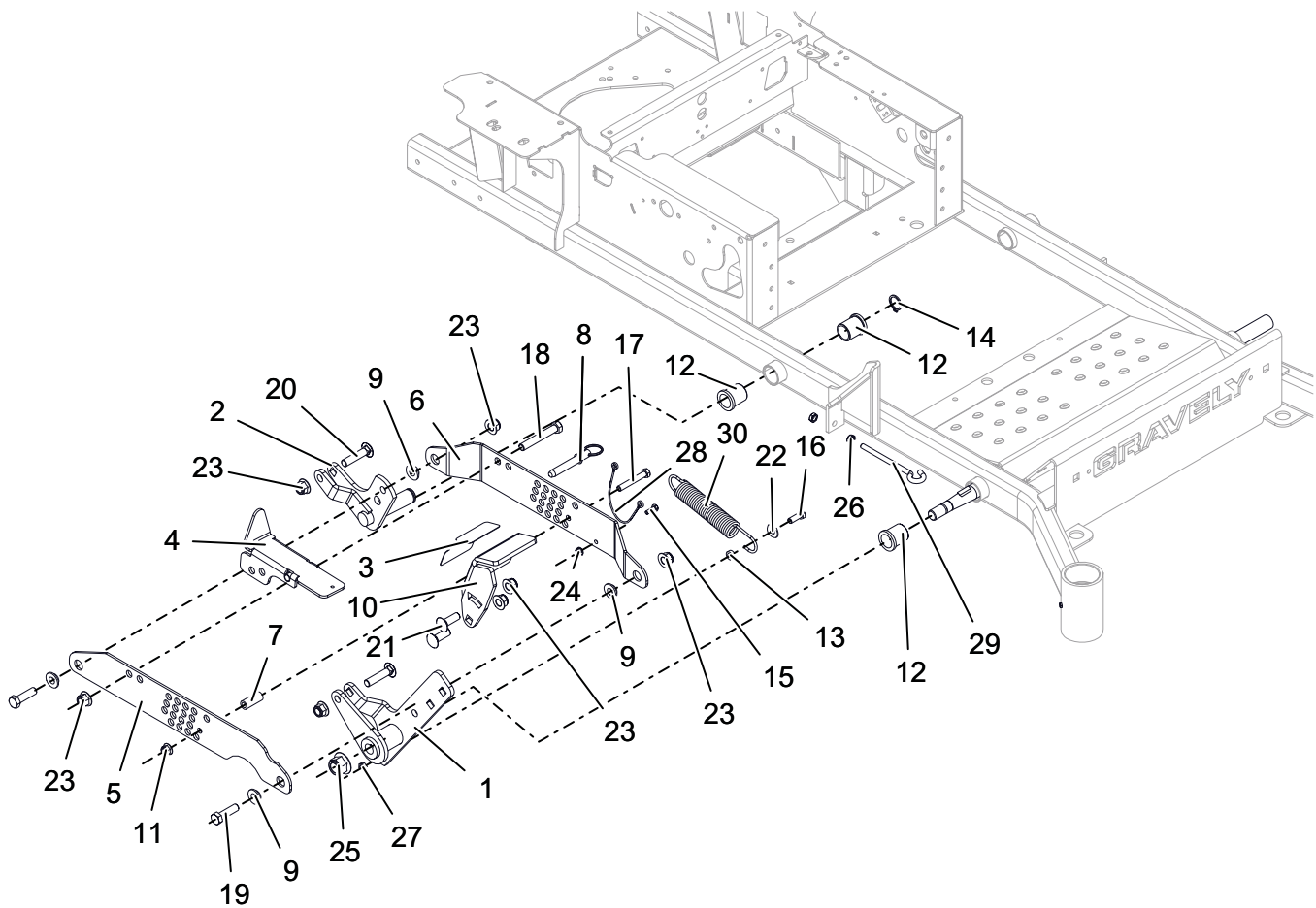
Models All



BOM ID	Number	Qty	Description
1	03858100	1	WLDMT, LH REAR DECK LIFT
2	04691167	1	WLDMT, PT100 FRONT LH DECK LIFT-BLACK
3	03989100	4	BSHG, FLANGE .515X.750X.31X1.12
4	04660351	2	LINK, LIFT - BLK
5	05500934	3	BSHG-FLG 1.00X1.25X1.5X1.5
6	05508900	1	BSHG, SLV .377X.624X.235
7	05707300	1	RG-RTNG-EXT 1.00X.078
8	05948700	1	BLT-HEX .38-16X1.00 GR5 YWZC
9	05970600	2	BLT-HEX .50-13X1.75 GR5 YWZC
10	06200119	2	BLT-RDHDSQNK .50-13X2.25 G5 Y
11	06435900	1	WSHR-FL-STL.438X1.00X.083 YWZC
12	06500010	4	NUT-LK-NYL-FLG .50-13 YWZC
13	06535900	2	NUT, JAM .375-16 YWZC
14	06537200	1	@NUT-LK-CTR-JAM .375-16 YWZC
15	07001640	1	BOLT, EYE .38-16X6.00 .62 DIA
16	08319000	1	SPRG, TENSION .162 X 1.250 X 8.250
17	06608900	1	KEY, WDRF .25 X 1.00 HRD #15

DECK LIFT – RIGHT HAND – SN 030000 - 039999

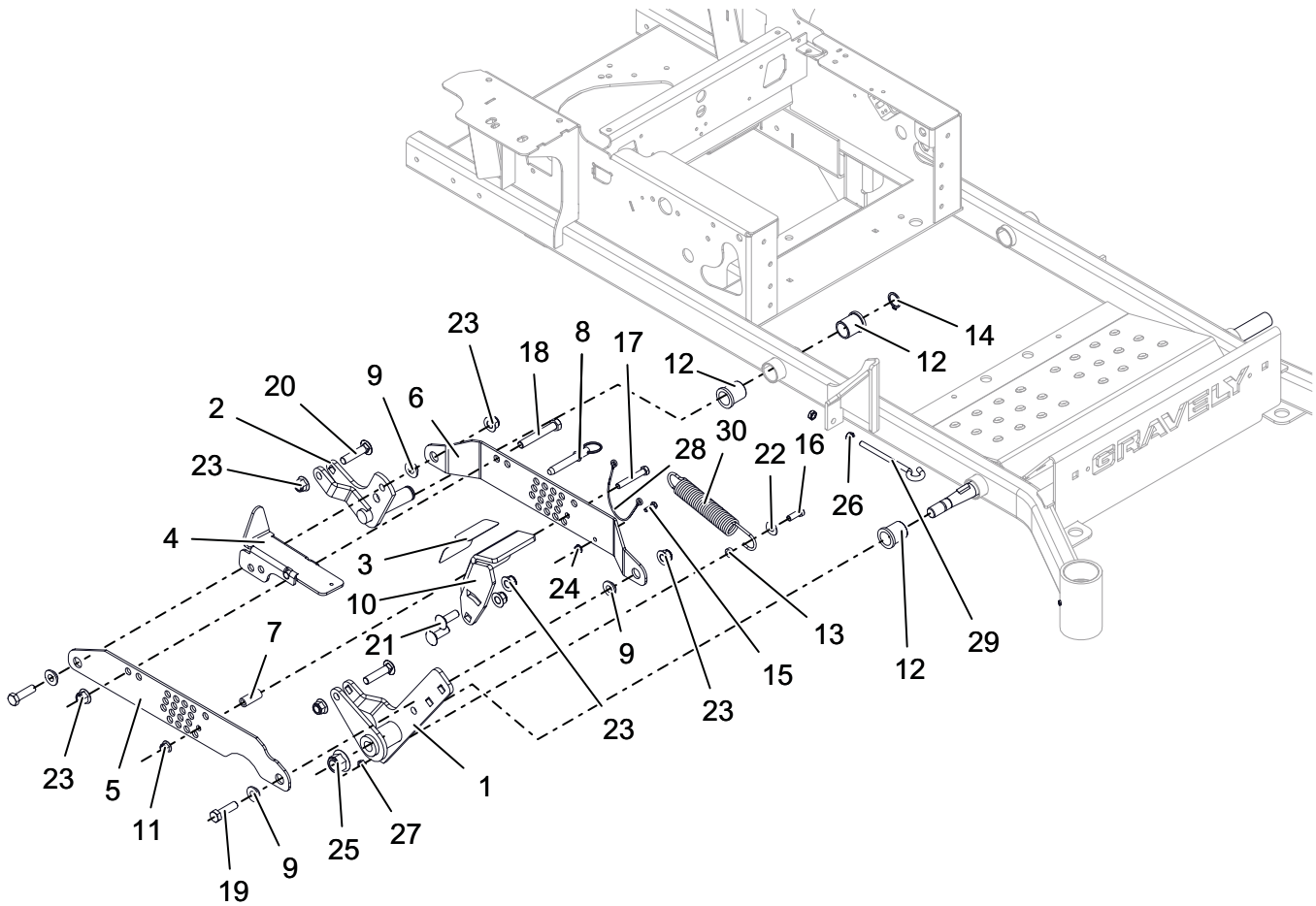
Models All



BOM ID	Number	Qty	Description
1	04677167	1	WLDMT, TAPERED LIFT ARM FRONT LH-BLACK
2	03858000	1	WLDMT, RH REAR DECK LIFT
3	00270100	2	GRIP, PEDAL 1.50 X 3.00
4	03864051	1	WLDMT, MECHANICAL LOCK-UP-BLACK
5	03954651	1	BRKT, RH OUTBOARD LIFT/CUT HEIGHT-BLACK
6	03954751	1	BRKT, RH INBOARD LIFT/CUT HEIGHT-BLACK
7	03954800	1	SPACER, .375 X .625 X 1.54
8	03957100	1	PIN, .50 X 2.00 USABLE LG BALL
9	03989100	4	BSHG, FLANGE .515X.750X.31X1.12
10	04088651	1	PEDAL, ADJUSTABLE FOOT LIFT-BLACK
11	06545500	1	NUT-LK-NYL-FLG .38-16 YWZC
12	05500934	3	BSHG-FLG 1.00X1.25X1.5X1.5
13	05508900	1	BSHG, SLV .377X.624X.235
14	05707300	1	RG-RTNG-EXT 1.00X.078
15	05946800	1	BLT-HEX .25-20X.75 GR5 YWZC
16	05948700	1	BLT-HEX .38-16X1.00 GR5 YWZC
17	05958400	1	BLT-HEX .38-16X2.50 GR5 YWZC
18	05960000	1	BLT-HEX .50-13X3.25 GR5 YWZC
19	05970600	2	BLT-HEX .50-13X1.75 GR5 YWZC
20	06200119	2	BLT-RDHD SQNK .50-13X2.25 G5 Y
21	06223100	2	BLT-RDHD SQNK .50-13X1.50 G5 YWZC
22	06435900	1	WSHR-FL-STL.438X1.00X.083 YWZC
23	06500010	7	NUT-LK-NYL-FLG .50-13 YWZC
24	06500012	1	NUT-LK-NYL-FLG .25-20 YWZC
25	06500717	1	NUT-LK-NYL-FLG .75-10 YWZC
26	06535900	2	NUT, JAM .375-16 YWZC
27	06537200	1	@NUT-LK-CTR-JAM .375-16 YWZC
28	06900317	1	LANYARD, 12"
29	07001640	1	BOLT, EYE .38-16X6.00 .62 DIA
30	08319000	1	SPRG, TENSION .162 X 1.250 X 8.250

DECK LIFT – RIGHT HAND – SN 040000 AND UP

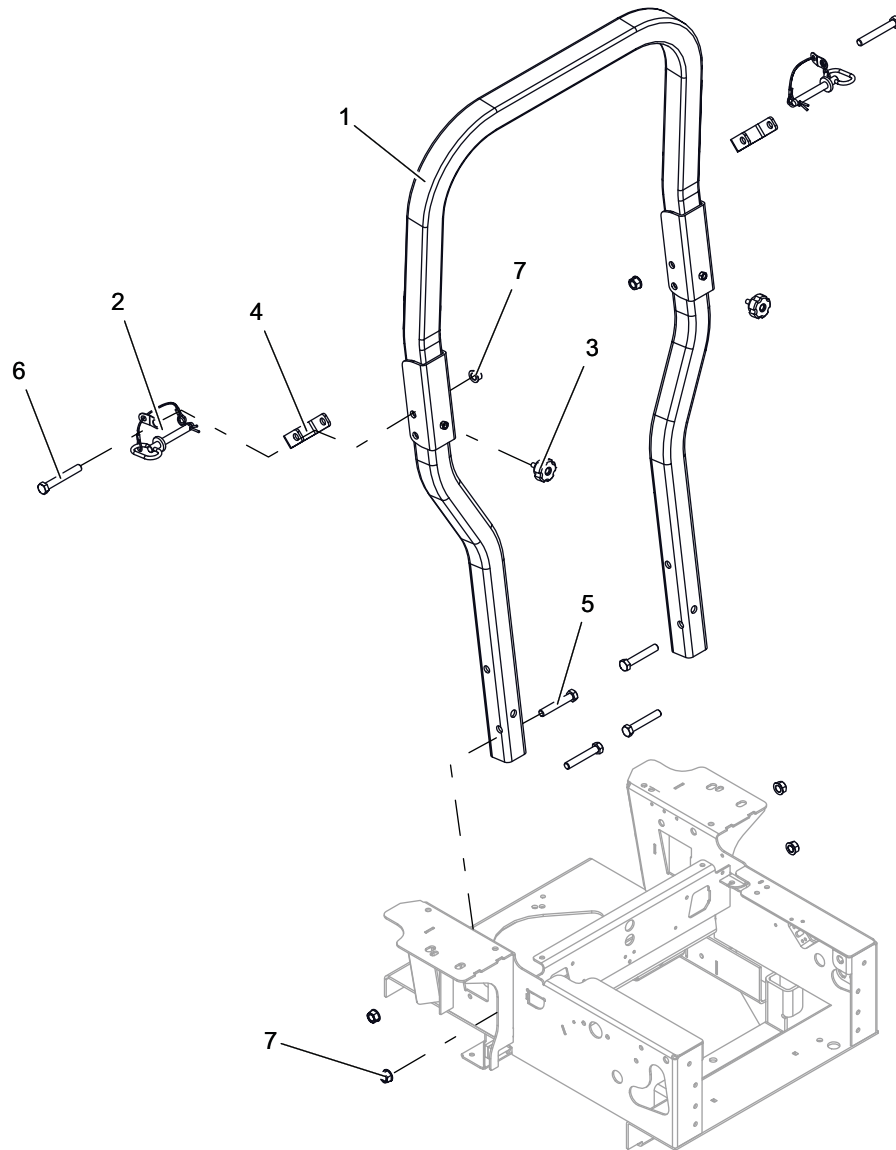
Models All



BOM ID	Number	Qty	Description
1	04677167	1	WLDMT, TAPERED LIFT ARM FRONT LH-BLACK
2	03858000	1	WLDMT, RH REAR DECK LIFT
3	00270100	2	GRIP, PEDAL 1.50 X 3.00
4	03864051	1	WLDMT, MECHANICAL LOCK-UP-BLACK
5	03954651	1	BRKT, RH OUTBOARD LIFT/CUT HEIGHT-BLACK
6	03954751	1	BRKT, RH INBOARD LIFT/CUT HEIGHT-BLACK
7	03954800	1	SPACER, .375 X .625 X 1.54
8	04822400	1	PIN, .50 X 2.00 USABLE LG BALL
9	03989100	4	BSHG, FLANGE .515X.750X.31X1.12
10	04392651	1	PEDAL, ADJUSTABLE FOOT LIFT-BLACK
11	06545500	1	NUT-LK-NYL-FLG .38-16 YWZC
12	05500934	3	BSHG-FLG 1.00X1.25X1.5X1.5
13	05508900	1	BSHG, SLV .377X.624X.235
14	05707300	1	RG-RTNG-EXT 1.00X.078
15	05946800	1	BLT-HEX .25-20X.75 GR5 YWZC
16	05948700	1	BLT-HEX .38-16X1.00 GR5 YWZC
17	05958400	1	BLT-HEX .38-16X2.50 GR5 YWZC
18	05960000	1	BLT-HEX .50-13X3.25 GR5 YWZC
19	05970600	2	BLT-HEX .50-13X1.75 GR5 YWZC
20	06200119	2	BLT-RDHDSQNK .50-13X2.25 G5 Y
21	06223100	2	BLT-RDHDSQNK .50-13X1.50 G5 YWZC
22	06435900	1	WSHR-FL-STL.438X1.00X.083 YWZC
23	06500010	7	NUT-LK-NYL-FLG .50-13 YWZC
24	06500012	1	NUT-LK-NYL-FLG .25-20 YWZC
25	06500717	1	NUT-LK-NYL-FLG .75-10 YWZC
26	06535900	2	NUT, JAM .375-16 YWZC
27	06537200	1	@NUT-LK-CTR-JAM .375-16 YWZC
28	06900317	1	LANYARD, 12"
29	07001640	1	BOLT, EYE .38-16X6.00 .62 DIA
30	08319000	1	SPRG, TENSION .162 X 1.250 X 8.250

ROPS

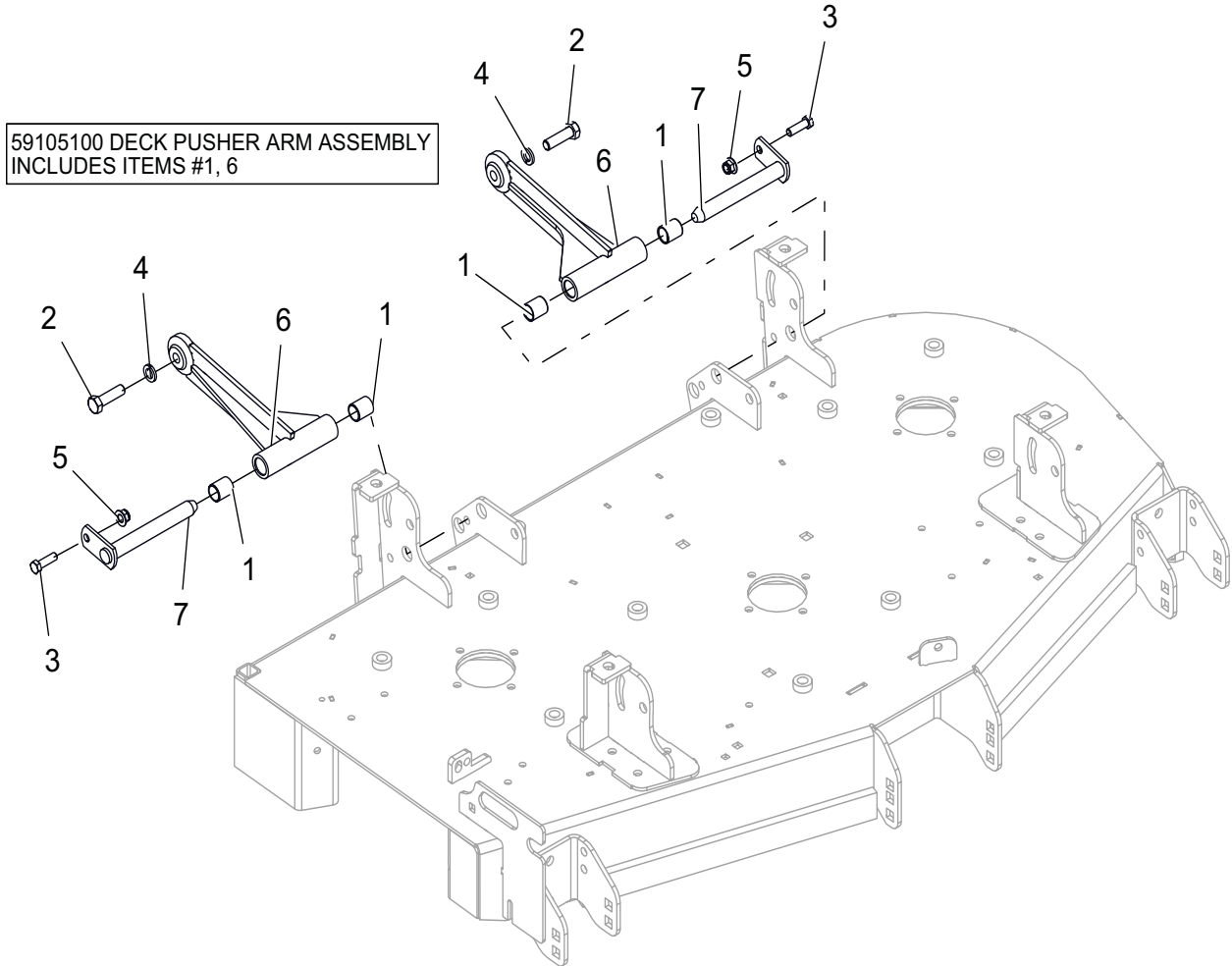
Models All



BOM ID	Number	Qty	Description
1	59101600	1	ROPS, PT/PT100 REPLACEMENT
2	04063400	2	ASSY, ROPS PIN/LANYARD
3	00181592	2	KNOB, ROUND 5/16-18 X .750
4	04063600	2	BRKT, ROPS STOP, PRO-TURN YZ
5	05959900	4	BLT-HEX .50-13X3.00 GR5 YWZC
6	05965800	2	BLT-HEX .50-13X3.50 GR5 YWZC
7	06543600	6	NUT, LK-TOP-FLG .50-13 YWZC

MOUNTING ARMS – 48"

Models 991300, 303

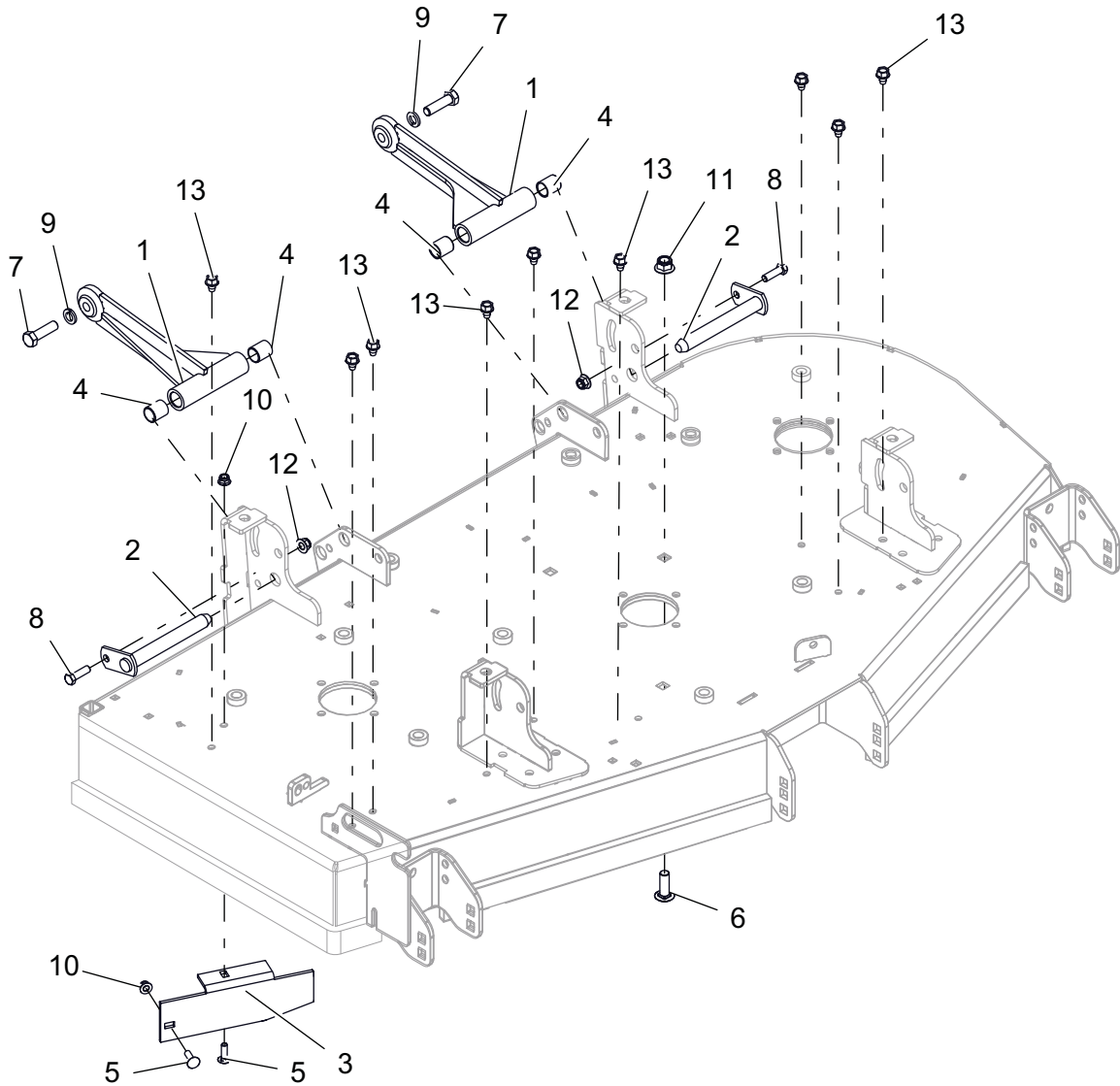


BOM ID	Number	Qty	Description
1	05435900	4	BRG, .75 X .875 X 1.00
2	05901436	2	BLT-HEX .50-13X1.75 GR5 YWZC EP80
3	05958000	2	BLT-HEX .38-16X1.25 GR5 YWZC
4	06307300	2	WSHR-LK .50X.125 REG YWZC
5	06545500	2	NUT-LK-NYL-FLG .38-16 YWZC
6	04243551	2	WLDMT, DECK PUSHER ARM
7	09238900	2	WLDMT, MOWER MTG. PIN

MOUNTING ARMS – 52"

Model 991304

59105100 DECK PUSHER ARM ASSEMBLY
INCLUDES ITEMS #1, 4

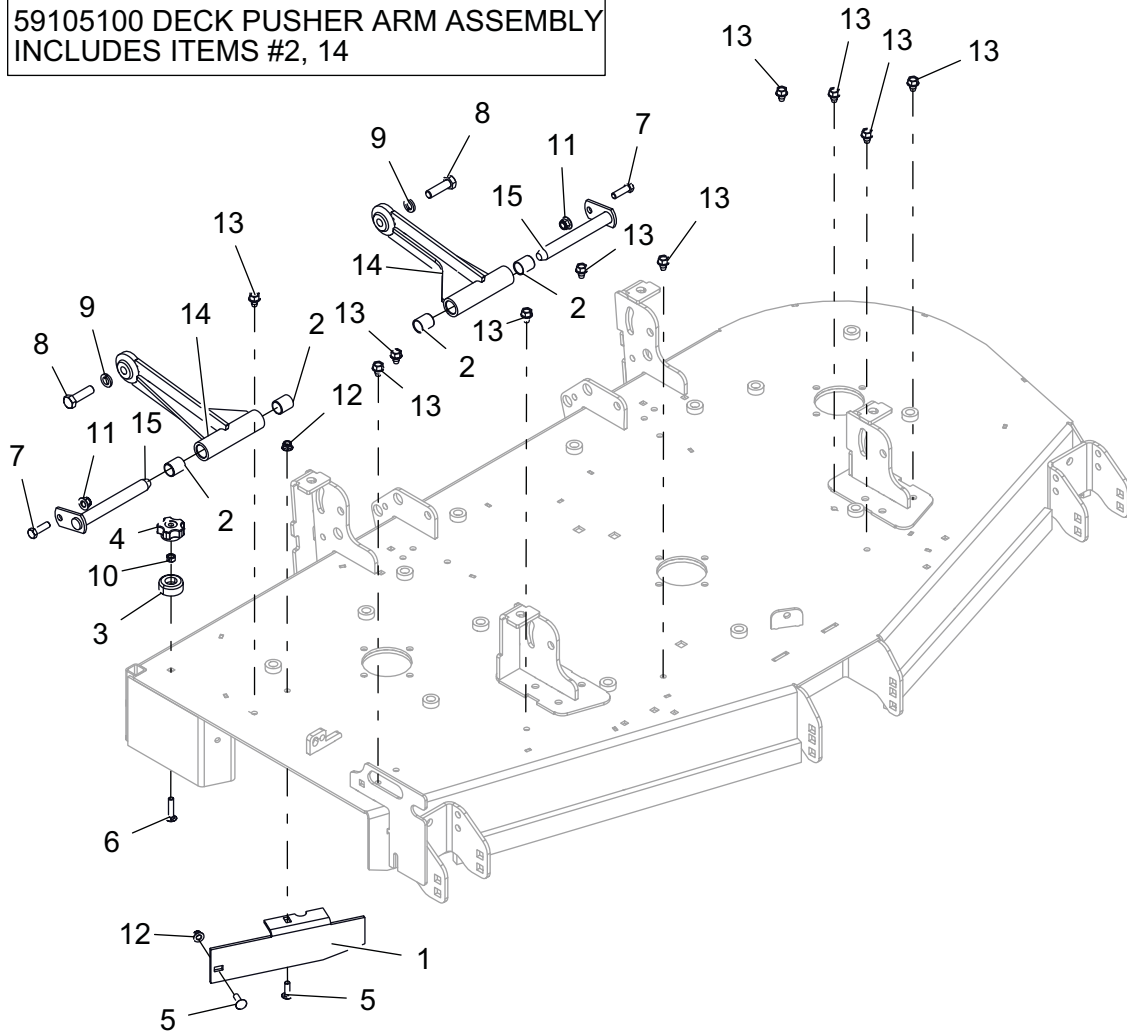


BOM ID	Number	Qty	Description
1	04243551	2	WLDMT, DECK PUSHER ARM
2	09238900	2	WLDMT, MOWER MTG. PIN
3	00440853	1	BAFFLE, 52" DISCHARGE-RED
4	05435900	4	BRG, .75 X .875 X 1.00
5	06216100	2	BLT-RDHDSQSHNK .31-18X1.00 G5 Y
6	06200006	1	BLT-RDHDSQSHNK .50-13X1.50 YWZC
7	05901436	2	BLT-HEX .50-13X1.75 GR5 YWZC EP80
8	05958000	2	BLT-HEX .38-16X1.25 GR5 YWZC
9	06307300	2	WSHR-LK .50X.125 REG YWZC
10	06545400	2	NUT-LK-NYL-FLG .31-18 YWZC
11	06500010	1	NUT-LK-NYL-FLG .50-13 YWZC
12	06545500	2	NUT-LK-NYL-FLG .38-16 YWZC
13	07412900	9	SCR-TAP .38-16X.50 HWH TR YWZ

MOUNTING ARMS – 60"

Model 991305

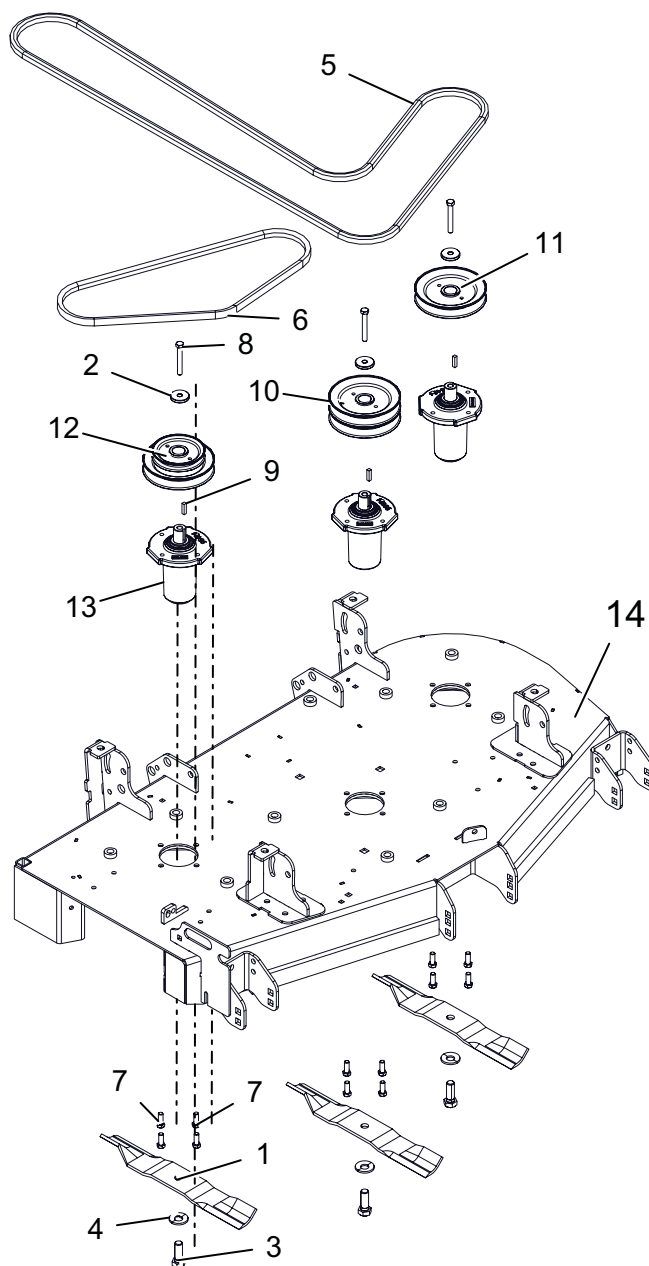
59105100 DECK PUSHER ARM ASSEMBLY
INCLUDES ITEMS #2, 14



BOM ID	Number	Qty	Description
1	00374153	1	BAFFLE, 60" DISCHARGE
2	05435900	4	BRG, .75 X .875 X 1.00
3	07500009	1	BUMPER, RECESSED 1.50 X .63 W/.31 HOLE
4	07534800	1	KNOB, CLAMPING
5	06216100	2	BLT-RDHDSQSHNK .31-18X1.00 G5 Y
6	06212100	1	BLT-RDHDSQNK .31-18X1.50 G5 YWZC
7	05958000	2	BLT-HEX .38-16X1.25 GR5 YWZC
8	05901436	2	BLT-HEX .50-13X1.75 GR5 YWZC EP80
9	06307300	2	WSHR-LK .50X.125 REG YWZC
10	06529800	1	NUT-LK-CTR .31-18 YWZC
11	06545500	2	NUT-LK-NYL-FLG .38-16 YWZC
12	06545400	2	NUT-LK-NYL-FLG .31-18 YWZC
13	07412900	10	SCR-TAP .38-16X.50 HWH TR YWZ
14	04243551	2	WLDMT, DECK PUSHER ARM
15	09238900	2	WLDMT, MOWER MTG. PIN

DECK, BELTS AND BLADES 48" – SN 030000 - 039999

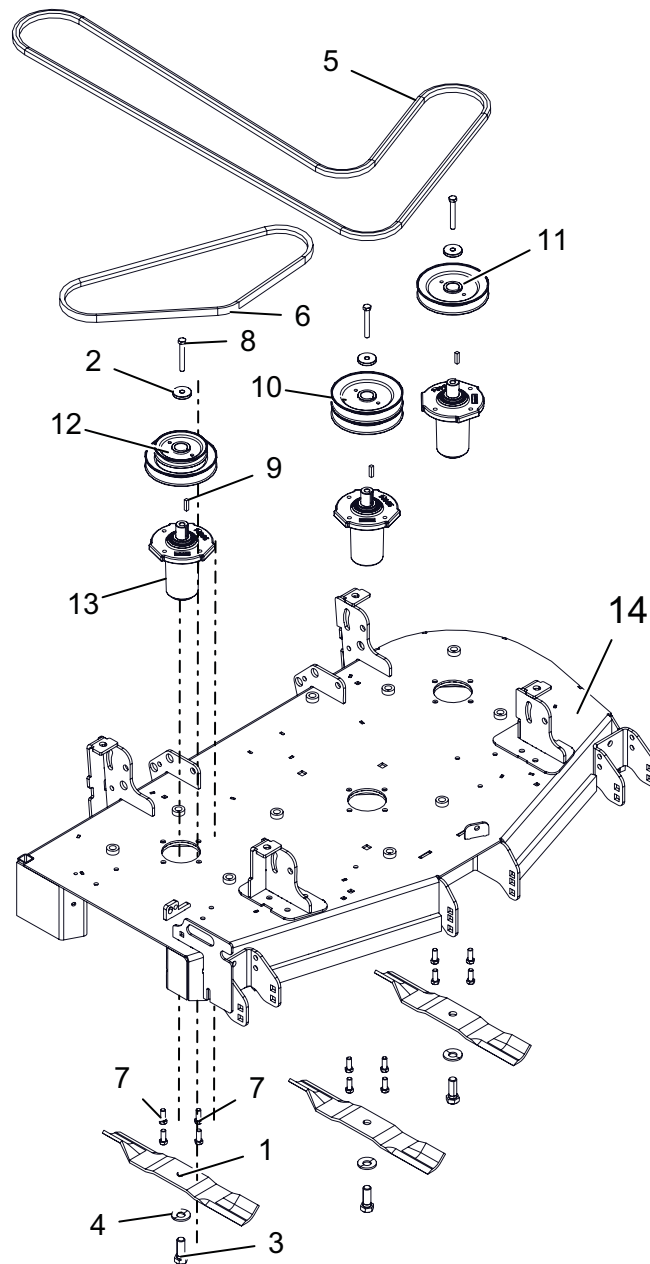
Models 991300, 303



BOM ID	Number	Qty	Description
1	00273000	3	BLADE, MULCH 16.25
2	04530500	3	RETAINER, SHEAVE SPINDLE
3	05978900	3	BLT, HEX .62-18X1.75 GR8 YWZC
4	06445700	3	WSHR, BLVL .63X1.625X.14
5	07200024	1	BELT, BB 118.00 WRAPPED HEX
6	07200035	1	V-BELT, B-RAW EDGE COGGED
7	05900013	12	BLT-HEX .38-16X1.00 GR5 YWZC EP30
8	05963000	3	BLT-HEX .38-16X2.75 GR8 YWZC
9	06611200	3	KEY-SQ .250X.250X1.00 RC 40-50
10	07329267	1	PULLEY, DOUBLE-1" ID X 5.75" OD-BLACK
11	07329367	1	PULLEY, V - 1" ID X 5.75" OD-BLACK
12	07340200	1	PULLEY, DOUBLE -1" ID X 5.75" & 4.25" OD
13	59215400	3	SERVICE, ASM SPINDLE- DUCTILE
14	59106900	1	WLDMT, 48" PT100 SIDE DISCH DECK

DECK, BELTS AND BLADES 48" – SN 040000 AND UP

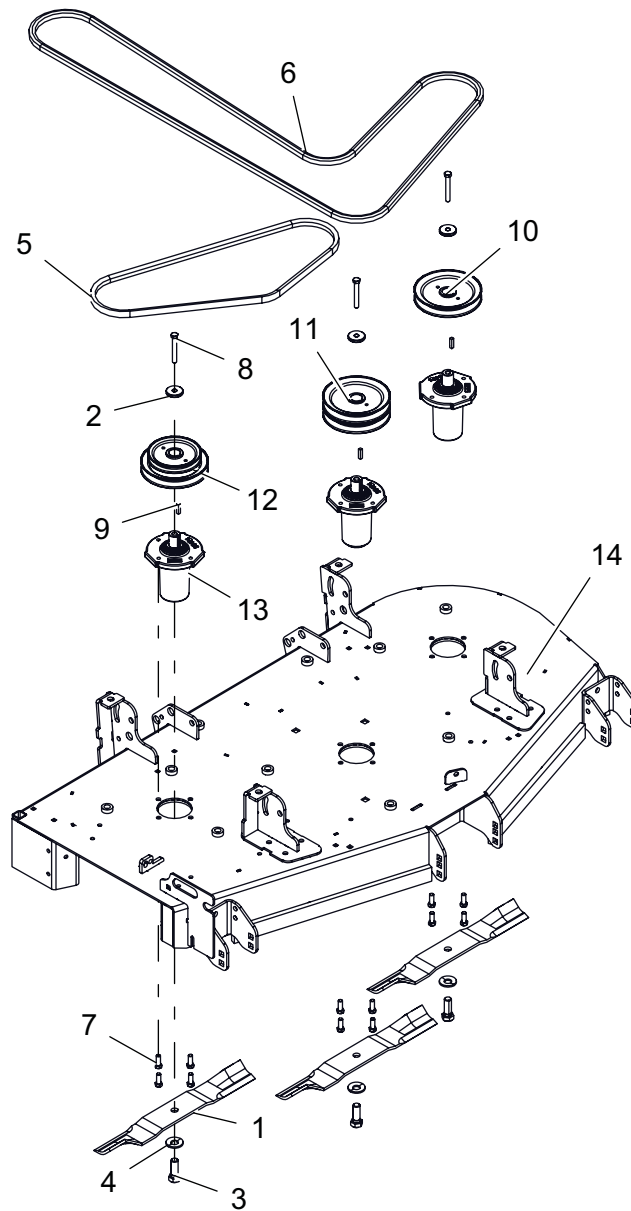
Models 991300, 303



BOM ID	Number	Qty	Description
1	04963200	3	BLADE, 16.19" MOWER (HI-LIFT)
2	04530500	3	RETAINER, SHEAVE SPINDLE
3	05978900	3	BLT, HEX .62-18X1.75 GR8 YWZC
4	06445700	3	WSHR, BLVL .63X1.625X.14
5	07200024	1	BELT, BB 118.00 WRAPPED HEX
6	07200035	1	V-BELT, B-RAW EDGE COGGED
7	05900013	12	BLT-HEX .38-16X1.00 GR5 YWZC EP30
8	05963000	3	BLT-HEX .38-16X2.75 GR8 YWZC
9	06611200	3	KEY-SQ .250X.250X1.00 RC 40-50
10	07329267	1	PULLEY, DOUBLE-1" ID X 5.75" OD-BLACK
11	07329367	1	PULLEY, V - 1" ID X 5.75" OD-BLACK
12	07340200	1	PULLEY, DOUBLE -1" ID X 5.75" & 4.25" OD
13	59215400	3	SERVICE, ASM SPINDLE- DUCTILE
14	59106900	1	WLDMT, 48" PT100 SIDE DISCH DECK

DECK, BELTS AND BLADES – 52"

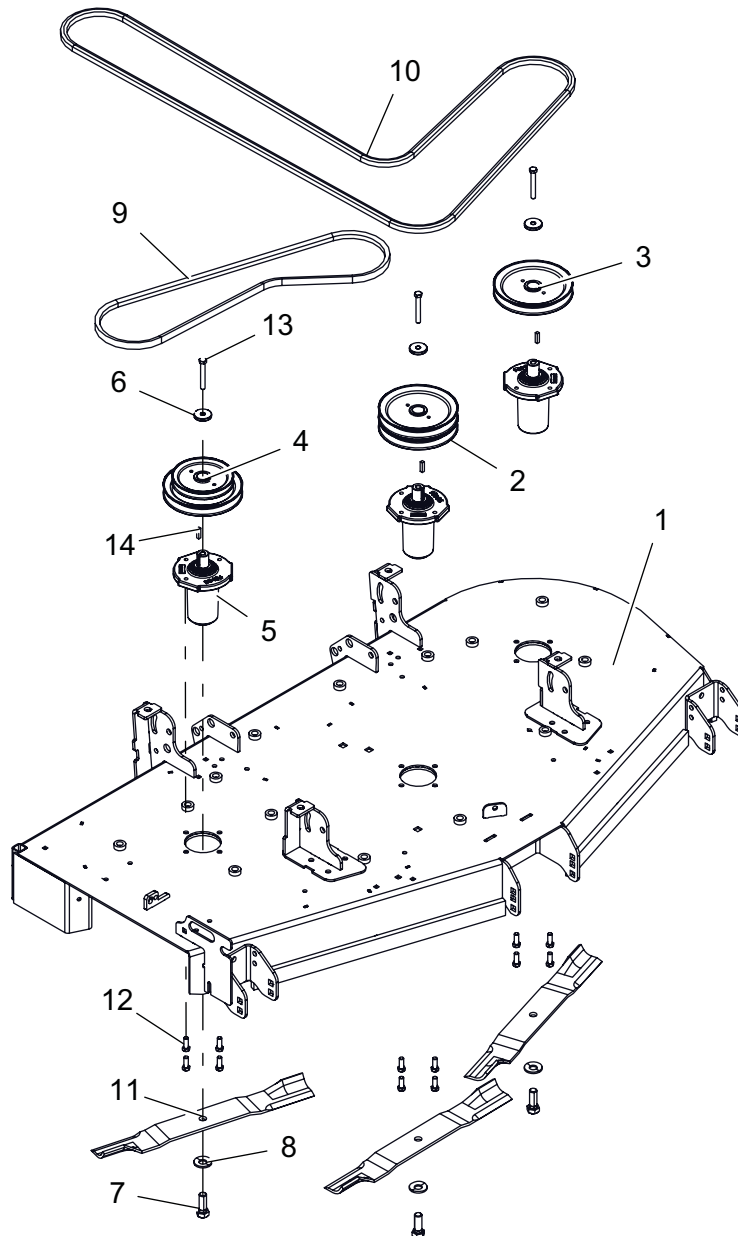
Model 991304



BOM ID	Number	Qty	Description
1	00450300	3	BLADE, 18.00" MOVER (HI-LIFT)
2	04530500	3	RETAINER, SHEAVE SPINDLE
3	05978900	3	BLT, HEX .62-18X1.75 GR8 YWZC
4	06445700	3	WSHR, BLVL .63X1.625X.14
5	07200036	1	BELT, B 56.00 RAW COGGED
6	07200509	1	BELT, BB 118.00 WRAPPED HEX
7	05900013	12	BLT-HEX .38-16X1.00 GR5 YWZC EP30
8	05963000	3	BLT-HEX .38-16X2.75 GR8 YWZC
9	06611200	3	KEY-SQ .250X.250X1.00 RC 40-50
10	07332167	1	PULLEY, SINGLE -1" ID X 6.00" OD-BLACK
11	07332367	1	PULLEY, DOUBLE -1" ID X 6.00" OD-BLACK
12	07340300	1	PULLEY, DOUBLE -1" ID X 6.00" & 4.75" OD
13	59215400	3	SERVICE, ASM SPINDLE- DUCTILE
14	04713300	1	WLDMT, 52" PT100 SIDE DISCH DECK

DECK, BELTS AND BLADES – 60"

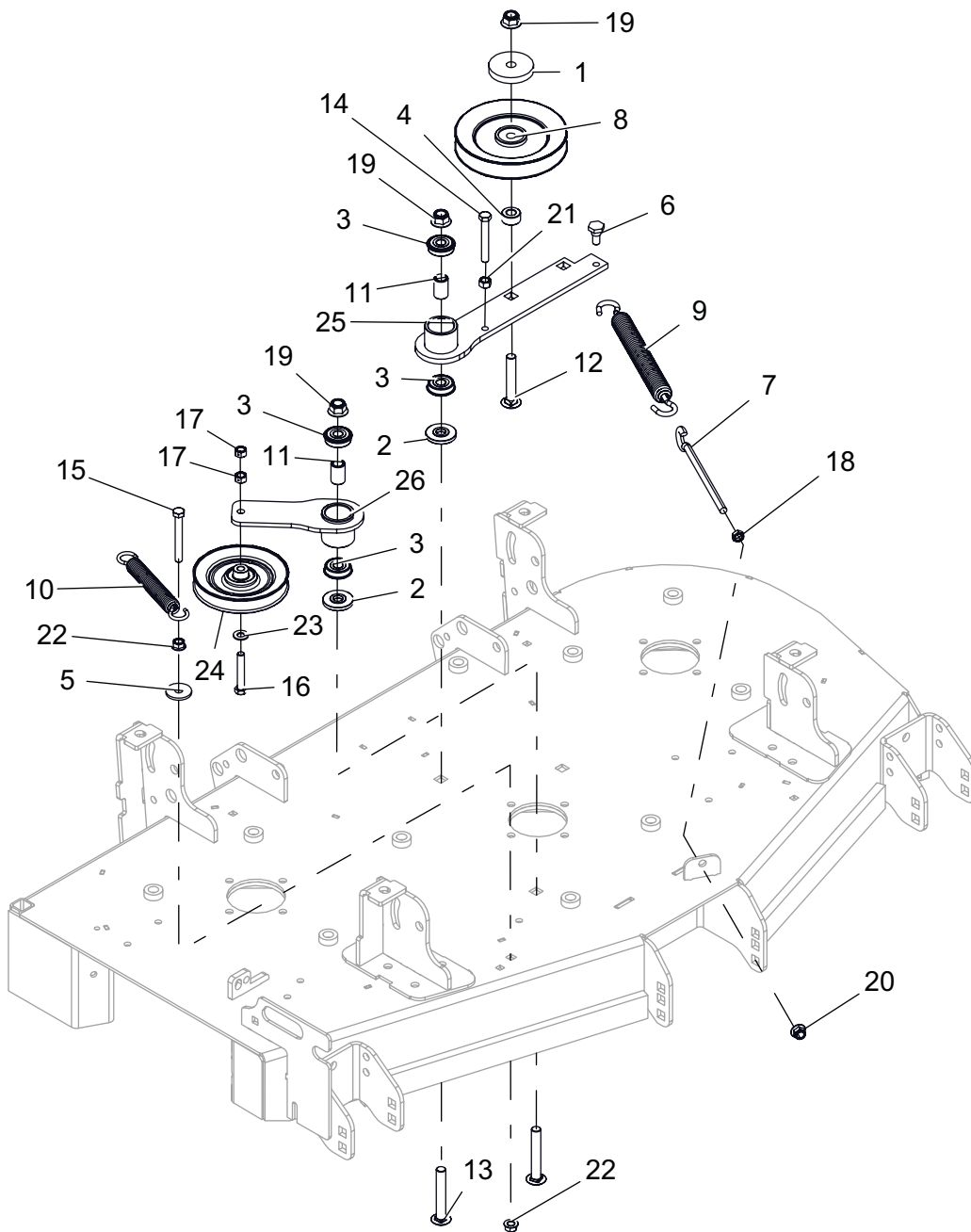
Model 991305



BOM ID	Number	Qty	Description
1	04713400	1	WLDMT, 60" PT100 SIDE DISCH DECK
2	07328867	1	PULLEY, DOUBLE 1"ID X 6.75"OD-BLACK
3	07328967	1	PULLEY, V-1" ID X 6.75" OD-BLACK
4	07340400	1	PULLEY, DOUBLE -1" ID X 6.75" & 5.25" OD
5	59215400	3	SERVICE, ASM SPINDLE- DUCTILE
6	04530500	3	RETAINER, SHEAVE SPINDLE
7	05978900	3	BLT, HEX .62-18X1.75 GR8 YWZC
8	06445700	3	WSHR, BLVL .63X1.625X.14
9	07200038	1	BELT, B 63.00 RAW COGGED
10	07200510	1	BELT, BB 118.00 WRAPPED HEX
11	09081200	3	BLADE, MOWER 60"
12	05900013	12	BLT-HEX .38-16X1.00 GR5 YWZC EP30
13	05963000	3	BLT-HEX .38-16X2.75 GR8 YWZC
14	06611200	3	KEY-SQ .250X.250X1.00 RC 40-50

IDLERS AND SHEAVES – 48" AND 52"

Models 991300, 303, 304

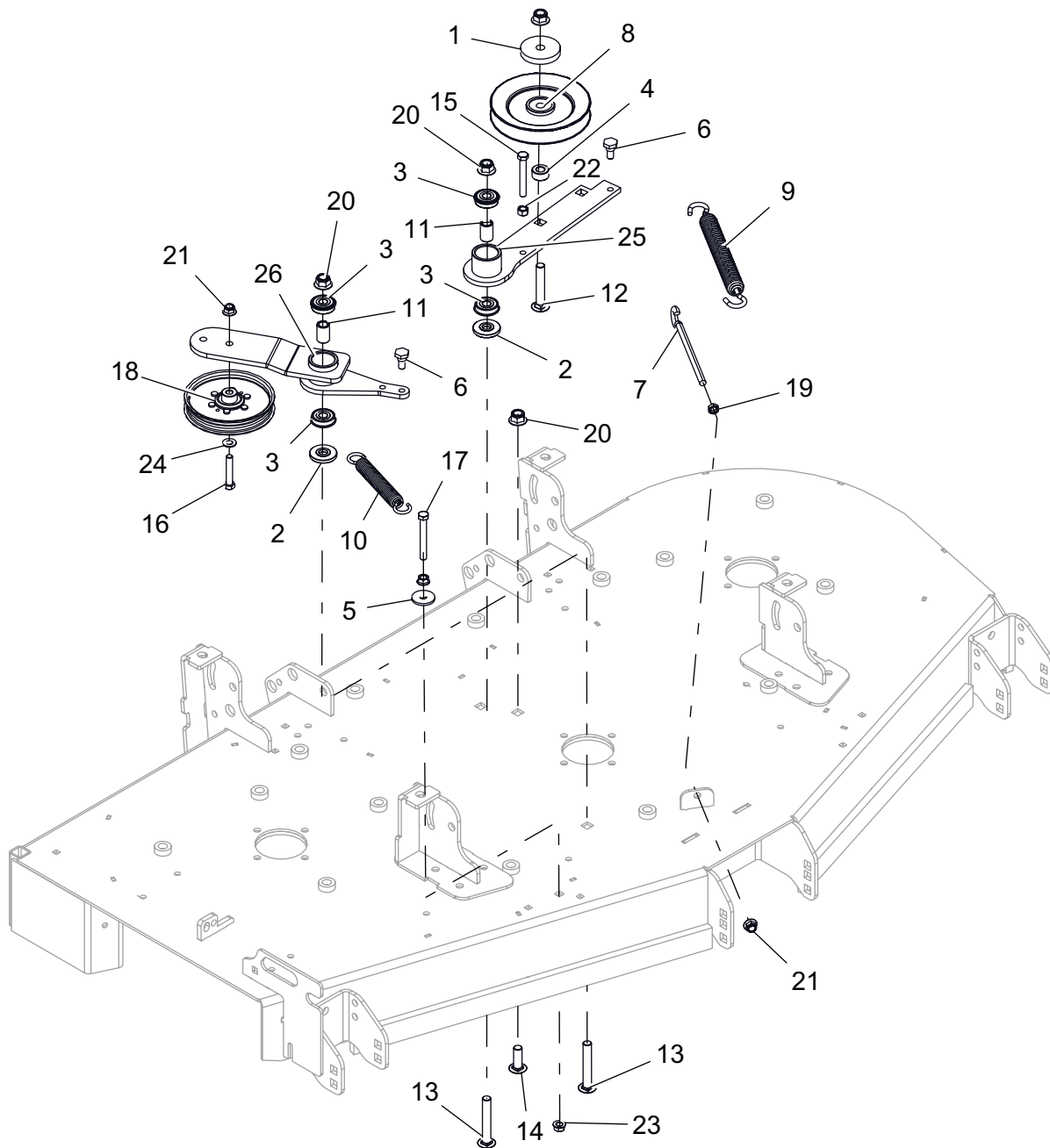


BOM ID	Number	Qty	Description
1	00450100	1	CAP, IDLER BEARING SEALING
2	04714600	2	SPACER, IDLER ARM
3	05480000	4	BRG, BALL .501 X 1.38 X .438 SEALED
4	05500905	1	BSHG, SPCR .502 X .997.50 PM
5	06442400	1	WSHR-FL-STL .406X1.375X.135 YZ
6	07000034	1	BLT, SHLDR EP .38-16X.30 HEX YZ
7	07001604	1	BOLT, .38-16X6.00 .62 DIA EYE
8	07300527	1	SHEAVE, .50" ID X 6.00" OD V-IDLER
9	08300505	1	SPRG, EXTENSION
10	08300507	1	SPRG, EXTENSION
11	09357700	2	SPACER, .510 X .750 X 1.148
12	06224900	1	BLT-RDHD SQNK .50-13X3.00 G5 Y
13	06200216	2	BLT-RDHD SQSHNK .50-13X3.25 YWZC
14	05961400	1	BLT-HEX .38-16X2.75 GR5 YWZC

BOM ID	Number	Qty	Description
15	05957800	1	BLT-HEX .38-16X3.00 GR5 YWZC
16	05962900	1	BLT-HEX .38-16X2.25 GR5 YWZC
17	06529600	2	NUT-LK-CTR .38-16 YWZC
18	06535900	1	NUT, JAM .375-16 YWZC
19	06500010	3	NUT-LK-NYL-FLG .50-13 YWZC
20	06545500	1	NUT-LK-NYL-FLG .38-16 YWZC
21	06529400	1	NUT-HEX .38-16 YWZC
22	06534900	2	@NUT-SPNLK-FLG .375-16 YWZC
23	06436200	1	WSHR-FL-STL.406X.812X.065 YWZ
24	07340100	1	IDLER, V-5.00" W/.69 STANDOFF
25	09357151	1	WLDMT, DECK PTO IDLER ARM-BLACK
26	09357251	1	WLDMT, DECK RH IDLER ARM-BLACK

IDLERS AND SHEAVES – 60"

Model 991305

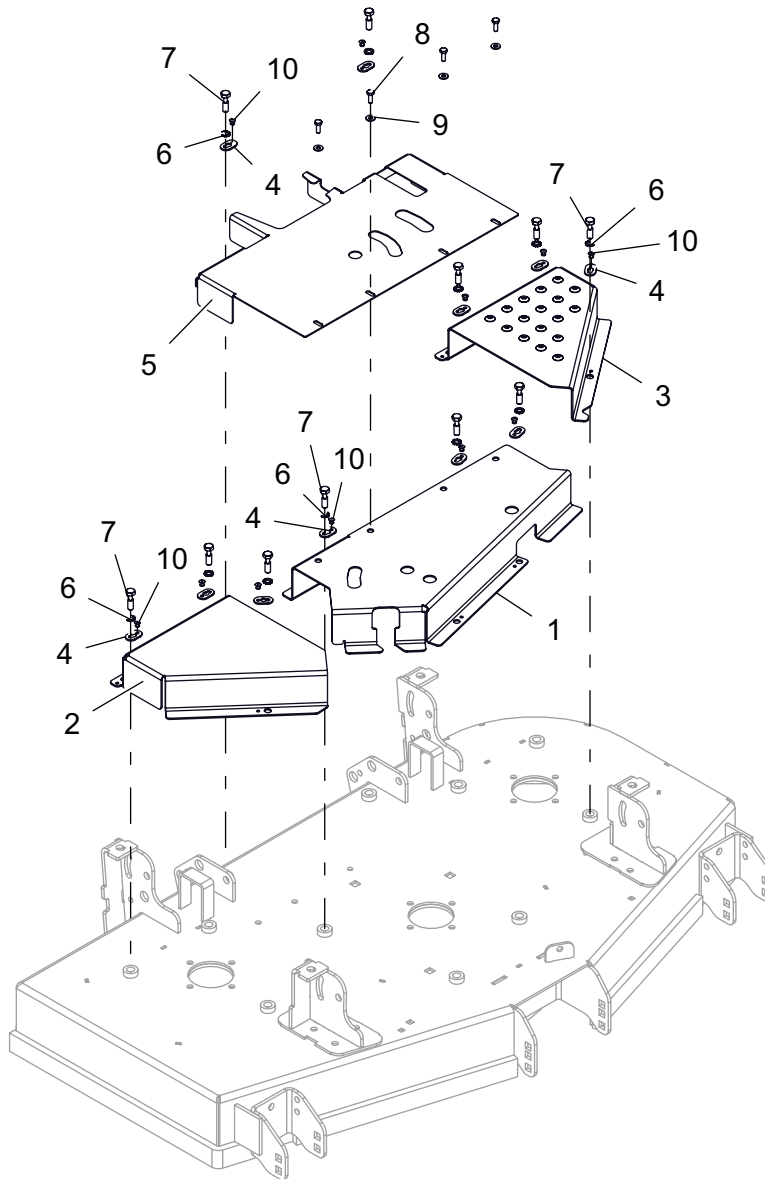


BOM ID	Number	Qty	Description
1	00450100	1	CAP, IDLER BEARING SEALING
2	04714600	2	SPACER, IDLER ARM
3	05480000	4	BRG, BALL .501 X 1.38 X .438 SEALED
4	05500905	1	BSHG, SPCR .502 X .997.50 PM
5	06442400	1	WSHR-FL-STL .406X1.375X.135 YZ
6	07000034	2	BLT, SHLDR EP .38-16X.30 HEX YZ
7	07001604	1	BOLT, .38-16X6.00 .62 DIA EYE
8	07300527	1	SHEAVE, .50" ID X 6.00" OD V-IDLER
9	08300505	1	SPRG, EXTENSION
10	08300507	1	SPRG, EXTENSION
11	09357700	2	SPACER, .510 X .750 X 1.148
12	06224900	1	BLT-RDHDSQNK .50-13X3.00 G5 Y
13	06200216	2	BLT-RDHDSQSHNK .50-13X3.25 YWZC
14	06200006	1	BLT-RDHDSQSHNK .50-13X1.50 YWZC

BOM ID	Number	Qty	Description
15	05961400	1	BLT-HEX .38-16X2.75 GR5 YWZC
16	05963300	1	BLT-HEX .38-16X2.00 GR5 YWZC
17	05957800	1	BLT-HEX .38-16X3.00 GR5 YWZC
18	D28050	1	PULLEY, FLAT IDLER .500 X .375 W/BRG
19	06535900	1	NUT, JAM .375-16 YWZC
20	06500010	4	NUT-LK-NYL-FLG .50-13 YWZC
21	06545500	2	NUT-LK-NYL-FLG .38-16 YWZC
22	06529400	1	NUT-HEX .38-16 YWZC
23	06534900	2	@NUT-SPNLK-FLG .375-16 YWZC
24	06436200	1	WSHR-FL-STL.406X.812X.065 YWZ
25	09357151	1	WLDMT, DECK PTO IDLER ARM-BLACK
26	09357651	1	WLDMT, DECK RH IDLER ARM

BELT COVERS – 48" (REAR DISCHARGE)

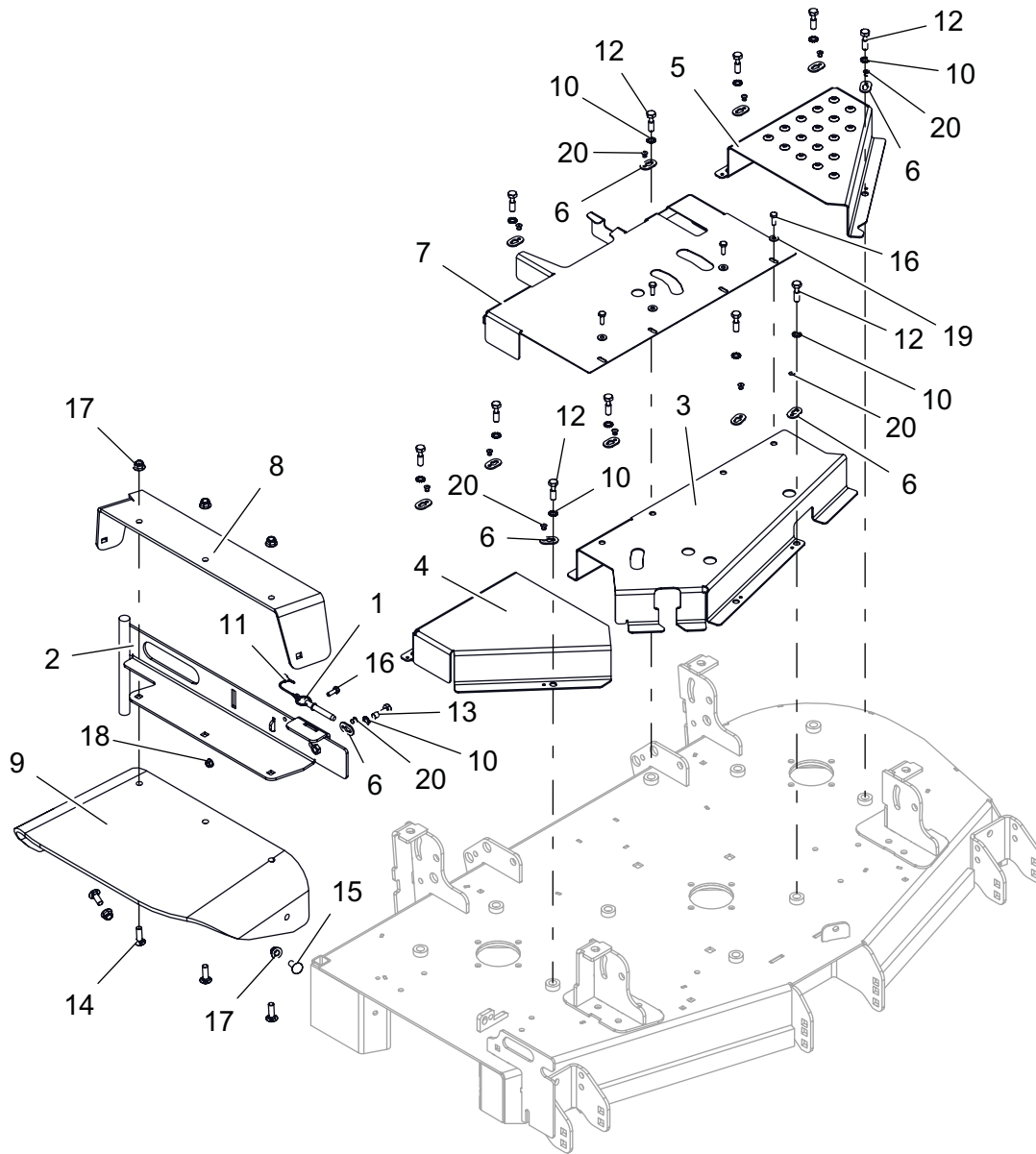
Model 991300



BOM ID	Number	Qty	Description
1	04508053	1	WLDMT, FRONT BELT SHIELD
2	04099953	1	GUARD, RH PT200 CE BELT
3	04100053	1	GUARD, LH PT200 CE BELT
4	04183000	11	KEEPER, BOLT
5	04498300	1	SHIELD, BELT REAR
6	06308700	11	LOCK, WSHR-EXT 0.391 X 0.628 X 0.036 YWZC
7	07001625	11	BLT, HEX 0.38-16 X 1.25 GR5 CAPTIVE
8	05901421	4	BLT,HEX .50-13X3.00 GR5 FTH YZ
9	06437300	4	WSHR-FL-STL.281X.62X.065 YWZC
10	06800028	11	RVT-POP .187x.250 (#64) YWZC

CHUTE AND BELT COVERS – 48" (SIDE DISCHARGE)

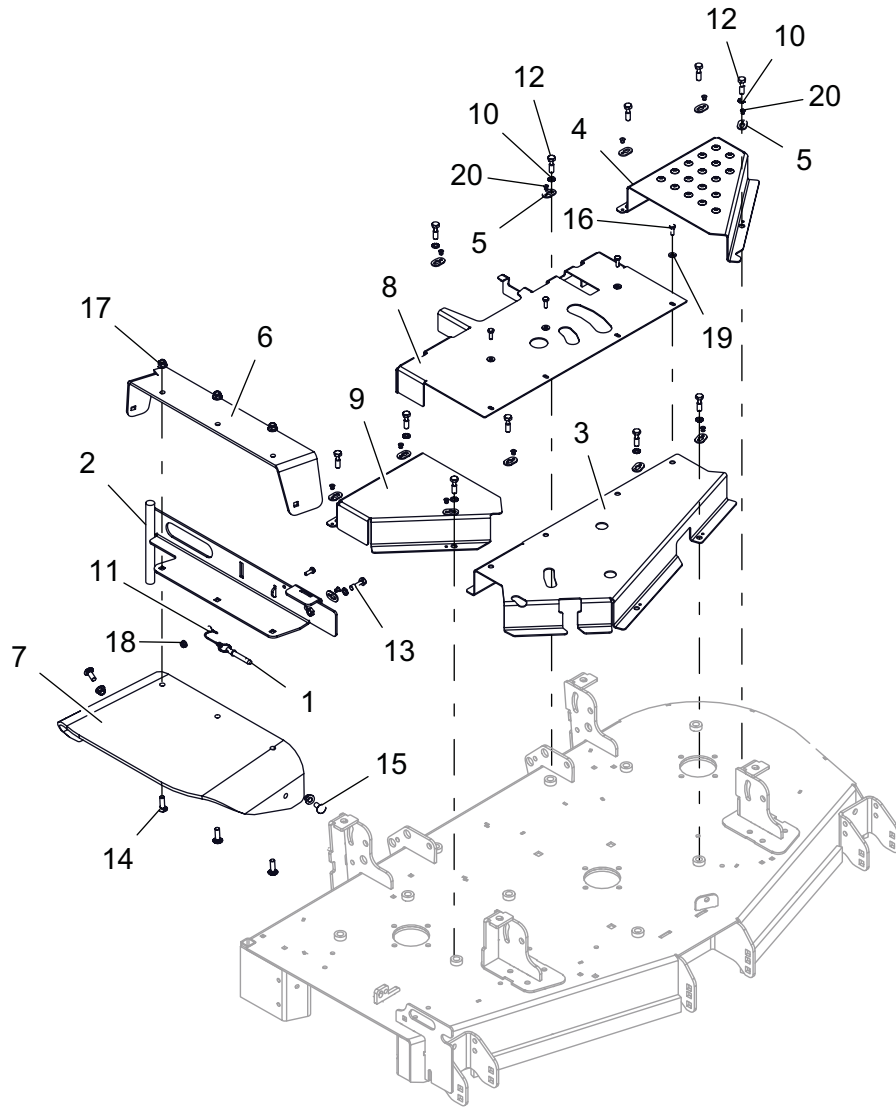
Model 991303



BOM ID	Number	Qty	Description
1	01593500	1	PIN, SPRING BALL .375 OD X 1.50
2	04365200	1	WLDMT, 48" DISCHARGE CHUTE MTG-CE
3	04508000	1	WLDMT, FRONT BELT SHIELD
4	04099900	1	GUARD, RH PT200 CE BELT
5	04100000	1	GUARD, LH PT200 CE BELT
6	04183000	12	KEEPER, BOLT
7	04498300	1	SHIELD, BELT REAR
8	04551553	1	SUPPORT, CHUTE MOUNTING BRACKET-RED
9	04551600	1	CHUTE, RUBBER DISCHARGE
10	06308700	12	LOCK, WSHR-EXT 0.391 X 0.628 X 0.036 YWZC
11	06900321	1	CABLE, 6.0 LANYARD, NYLON
12	07001625	11	BLT, HEX 0.38-16 X 1.25 GR5 CAPTIVE
13	07001634	1	BLT-HEX .38-16X1.25 GR5 CAP .37
14	06224100	3	BLT-RDHDSQNK .38-16X1.25 G5 YWZC
15	06223600	2	BLT-RDHDSQNK .38-16X1.00 G5 YWZC
16	05946800	5	BLT-HEX .25-20X.75 GR5 YWZC
17	06545500	5	NUT-LK-NYL-FLG .38-16 YWZC
18	06543500	1	NUT, LK-TOP-FLG .25-20 YWZC
19	06437300	4	WSHR-FL-STL.281X.62X.065 YWZC
20	06800028	12	RVT-POP .187x.250 (#64) YWZC

CHUTE AND BELT COVERS – 52"

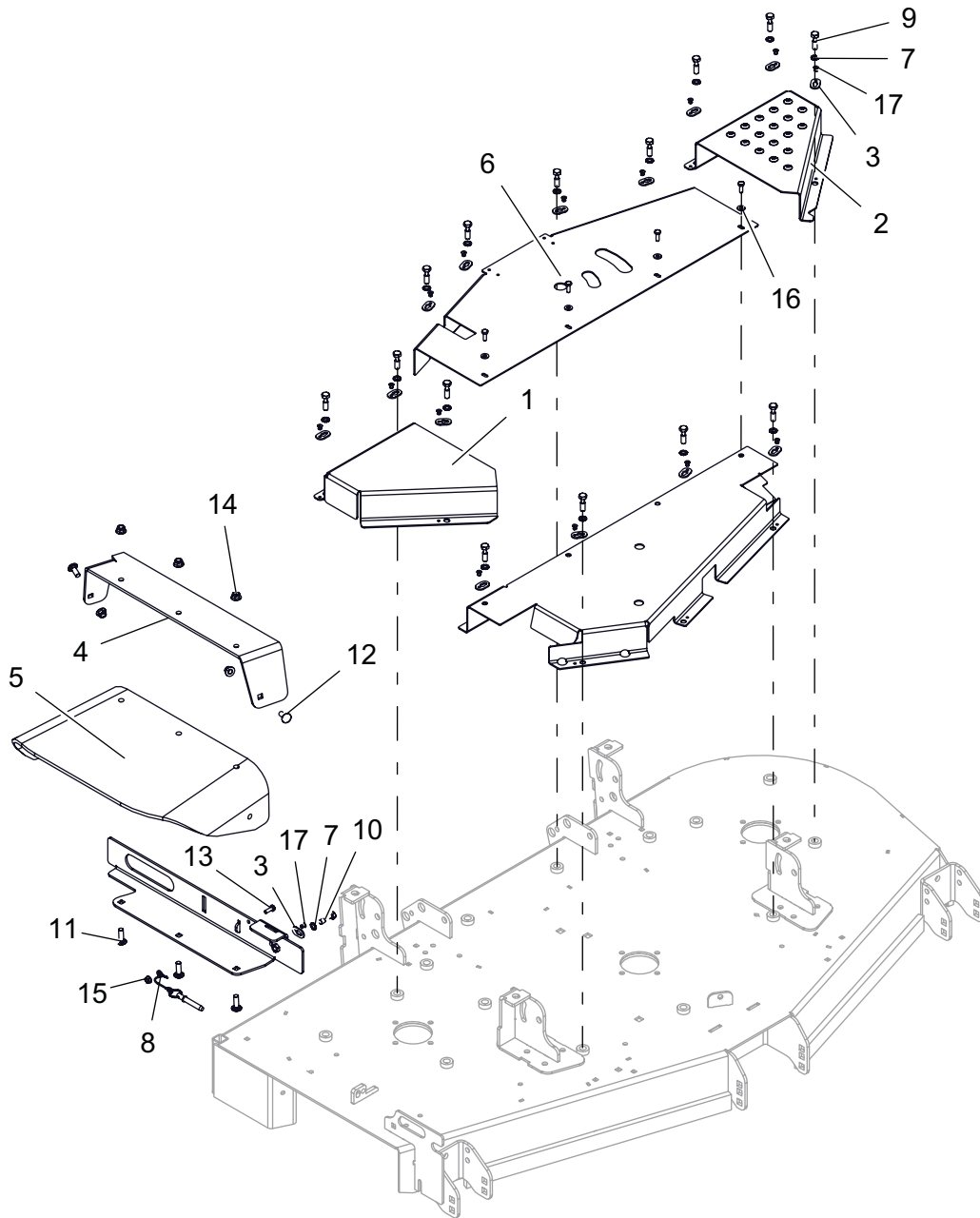
Model 991304



BOM ID	Number	Qty	Description
1	01593500	1	PIN, SPRING BALL .375 OD X 1.50
2	04365253	1	WLDMT, 48" DISCHARGE CHUTE MTG-CE
3	04506153	1	WLDMT, FRONT BELT SHIELD
4	04100053	1	GUARD, LH PT200 CE BELT
5	04183000	12	KEEPER, BOLT
6	04551553	1	SUPPORT, CHUTE MOUNTING BRACKET-RED
7	04551600	1	CHUTE, RUBBER DISCHARGE
8	04739900	1	BRKT, REAR BELT GUARD CE-52
9	04744400	1	BRKT, BELT GUARD RIGHT CE-152
10	06308700	12	LOCK, WSHR-EXT 0.391 X 0.628 X 0.036 YWZC
11	06900321	1	CABLE, 6.0 LANYARD, NYLON
12	07001625	11	BLT, HEX 0.38-16 X 1.25 GR5 CAPTIVE
13	07001634	1	BLT-HEX .38-16X1.25 GR5 CAP .37
14	06224100	3	BLT-RDHDSQNK .38-16X1.25 G5 YWZC
15	06223600	2	BLT-RDHDSQNK .38-16X1.00 G5 YWZC
16	05946800	5	BLT-HEX .25-20X.75 GR5 YWZC
17	06545500	5	NUT-LK-NYL-FLG .38-16 YWZC
18	06543500	1	NUT, LK-TOP-FLG .25-20 YWZC
19	06437300	4	WSHR-FL-STL.281X.62X.065 YWZC
20	06800028	12	RVT-POP .187x.250 (#64) YWZC

CHUTE AND BELT COVERS – 60"

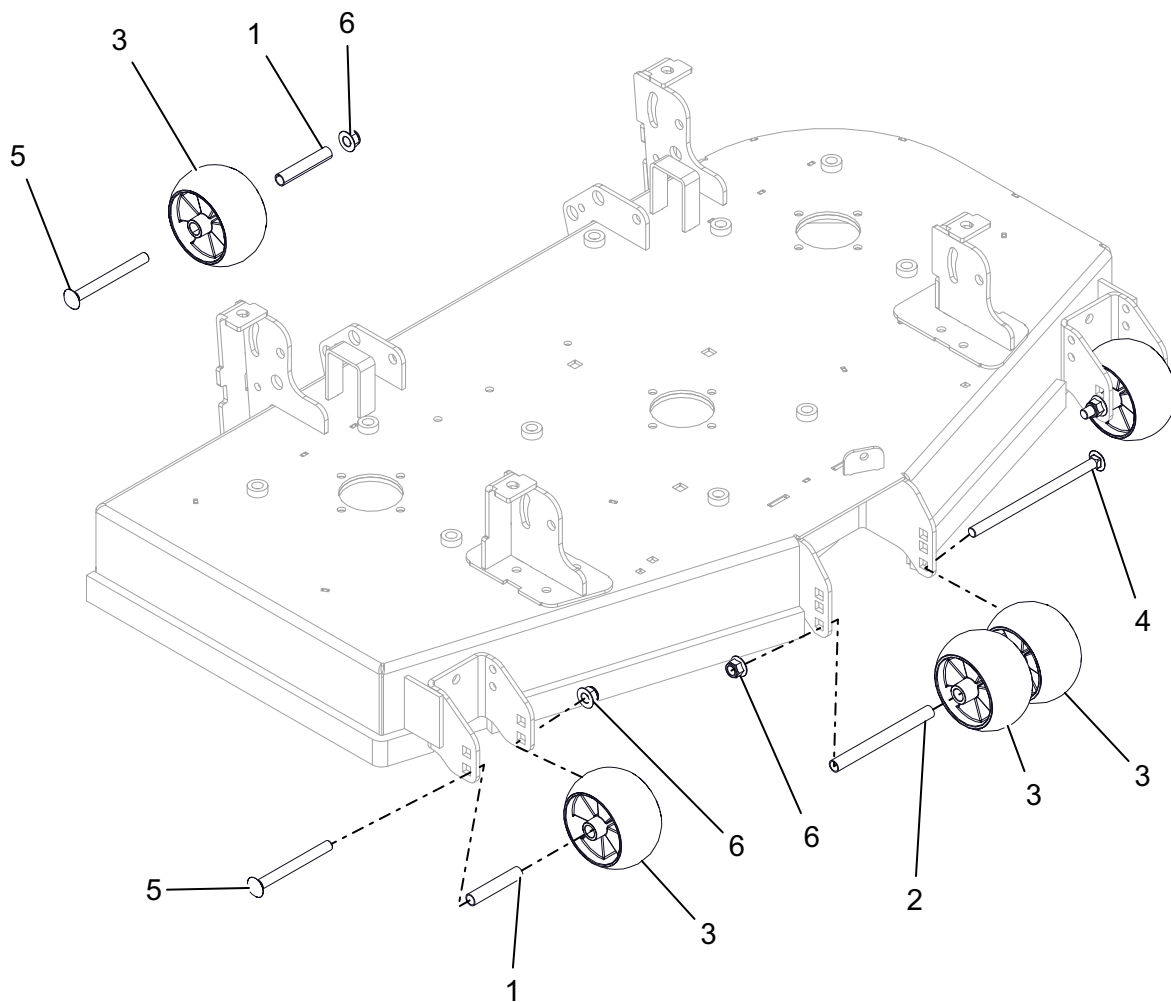
Model 991305



BOM ID	Number	Qty	Description
1	04099953	1	GUARD, RH PT200 CE BELT
2	04100053	1	GUARD, LH PT200 CE BELT
3	04183000	15	KEEPER, BOLT
4	04551553	1	SUPPORT, CHUTE MOUNTING BRACKET-RED
5	04551600	1	CHUTE, RUBBER DISCHARGE
6	04739800	1	BRKT, REAR BELT GUARD CE-60
7	06308700	15	LOCK, WSHR-EXT 0.391 X 0.628 X 0.036 YWZC
8	06900321	1	CABLE, 6.0 LANYARD, NYLON
9	07001625	14	BLT, HEX 0.38-16 X 1.25 GR5 CAPTIVE
10	07001634	1	BLT-HEX .38-16X1.25 GR5 CAP .37
11	06224100	3	BLT-RDHD SQNK .38-16X1.25 G5 YWZC
12	06223600	2	BLT-RDHD SQNK .38-16X1.00 G5 YWZC
13	05946800	5	BLT-HEX .25-20X.75 GR5 YWZC
14	06545500	5	NUT-LK-NYL-FLG .38-16 YWZC
15	06543500	1	NUT, LK-TOP-FLG .25-20 YWZC
16	06437300	4	WSHR-FL-STL.281X.62X.065 YWZC
17	06800028	15	RVT-POP .187x.250 (#64) YWZC

ANTI-SCALP ROLLERS – 48" AND 60"

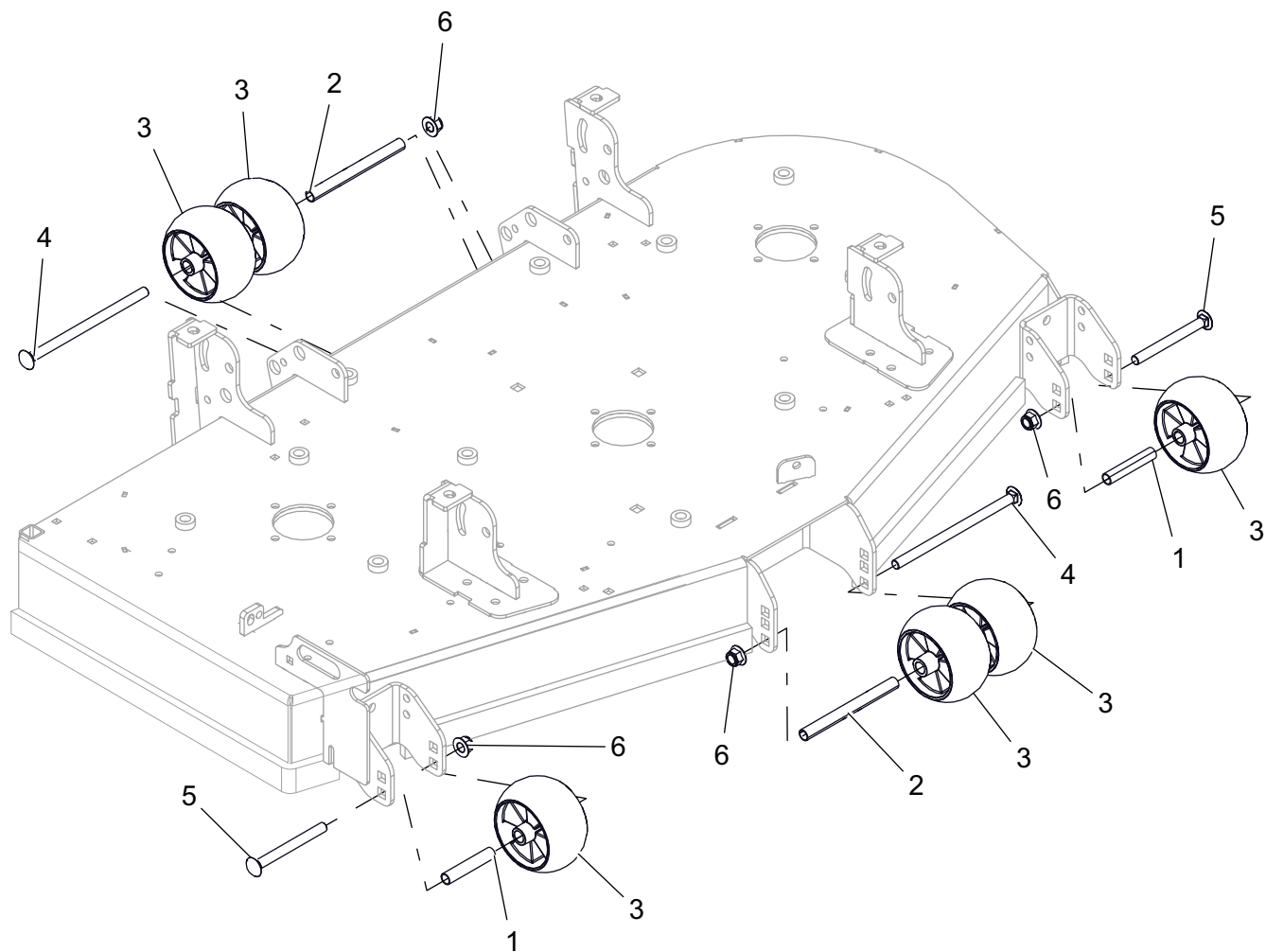
Models 991300, 303, 305



BOM ID	Number	Qty	Description
1	00473700	3	SPACER, .510X.625X3.35
2	00473800	1	SPACER, .510 X .625 X 6.50
3	03905900	5	ANTI-SCALP WHEEL - 5X3 CTR
4	06206400	1	BLT-RDHDSQNK .50-13X8.50 Y
5	06225900	3	BLT-RDHDSQNK .50-13X5.00 G5 YWZC
6	06500010	4	NUT-LK-NYL-FLG .50-13 YWZC

ANTI-SCALP ROLLERS – 52"

Model 991304



BOM ID	Number	Qty	Description
1	00473700	2	SPACER, .510X.625X3.35
2	00473800	2	SPACER, .510X.625X6.70
3	03905900	6	ANTI-SCALP WHEEL - 5X3 CTR
4	06206400	2	BLT-RDHDSQNK .50-13X8.50 Y
5	06225900	2	BLT-RDHDSQNK .50-13X5.00 G5 YWZC
6	06500010	4	NUT-LK-NYL-FLG .50-13 YWZC



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