



Pro-Turn 100

Zero-Turn Mowers

Parts Manual

Model

991300 – Pro-Turn 148 RD
(Serial No. 010500 and up)
991303 – Pro-Turn 148 SD
(Serial No. 001000 and up)



Gasoline containing up to 10% ethanol (E10) or up to 10% MTBE (methyl tertiary butyl ether) is acceptable for use in this machine. The use of any gasoline exceeding 10% ethanol (E10) or 10% MTBE will void the product warranty.

Il est possible d'utiliser de l'essence contenant jusqu'à 10% d'éthanol (E10) ou 10% de MTBE (éther méthyl-tertiobutylique) sur cette machine. L'utilisation d'une essence contenant plus de 10% d'éthanol (E10) ou de 10% de MTBE annulent la garantie.

En esta máquina puede utilizarse gasolina con hasta un 10% de etanol (E10) o hasta un 10% de MTBE (éter de metil butil terciario). El uso de cualquier otro tipo de gasolina con un porcentaje superior al 10% de etanol (E10) o al 10% de MTBE invalidará la garantía del producto.

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 a 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.

MODEL

International

Model 991300 (Pro-Turn 148 RD)

Kawasaki FX with 48-Inch
Rear Discharge Mower Deck
Serial No.010500 and up

Model 991303 (Pro-Turn 148 SD)

Kawasaki FX with 48-Inch
Side Discharge Mower Deck
Serial No.001000 and up

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MOWER DECKS

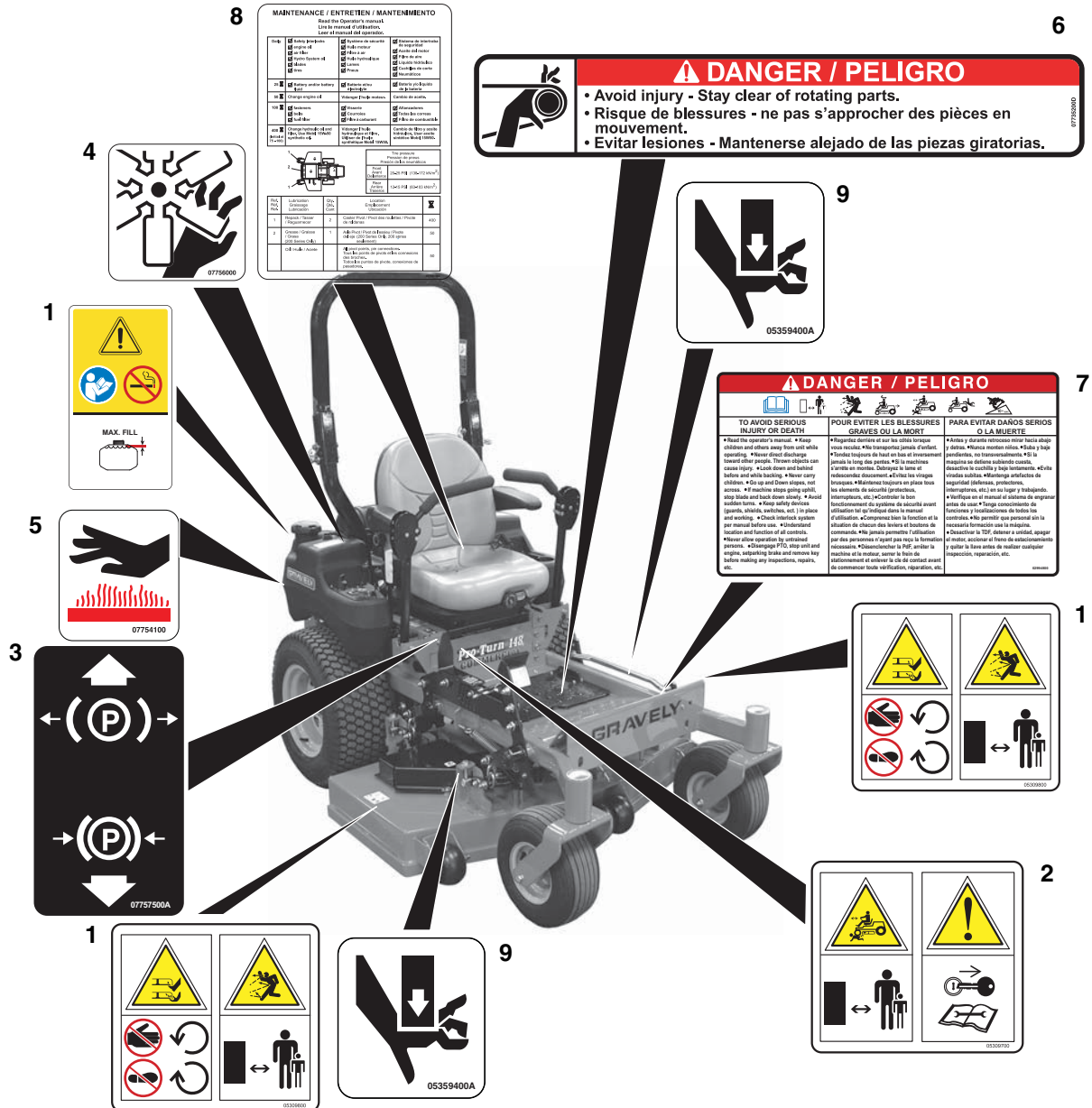
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DECALS – SAFETY

Model 991300, 303

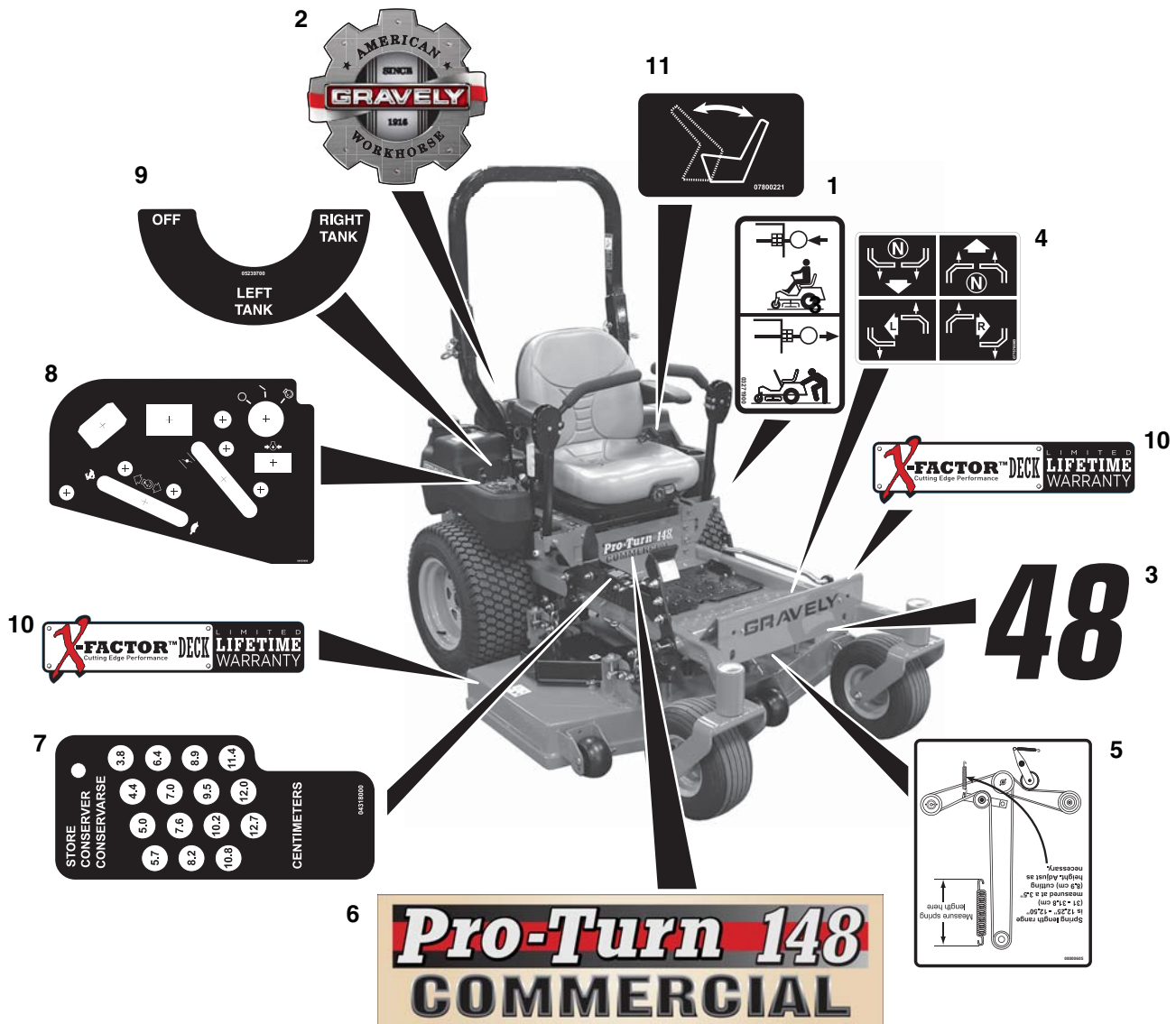


PE105_G_148_safety_decals

Item	Part No.	Qty.	Description
1	05309800	2	Decal, CE Deck
2	05309700	1	Decal, CE Caution
3	07757500	1	Decal, Parking Brake Lever
4	07756000	2	Decal, Danger Fan
5	07754100	2	Decal, Hot Surface
6	07735200	1	Decal, Danger Rotating Parts
7	02994800	1	Decal, Danger-Bilingual
8	07700005	1	Decal, Maintenance Instructions
9	05359400	2	Decal, Pinch Point
10	07700038	2	Decal, Fuel Warning

DECALS – STYLE

Model 991300, 303

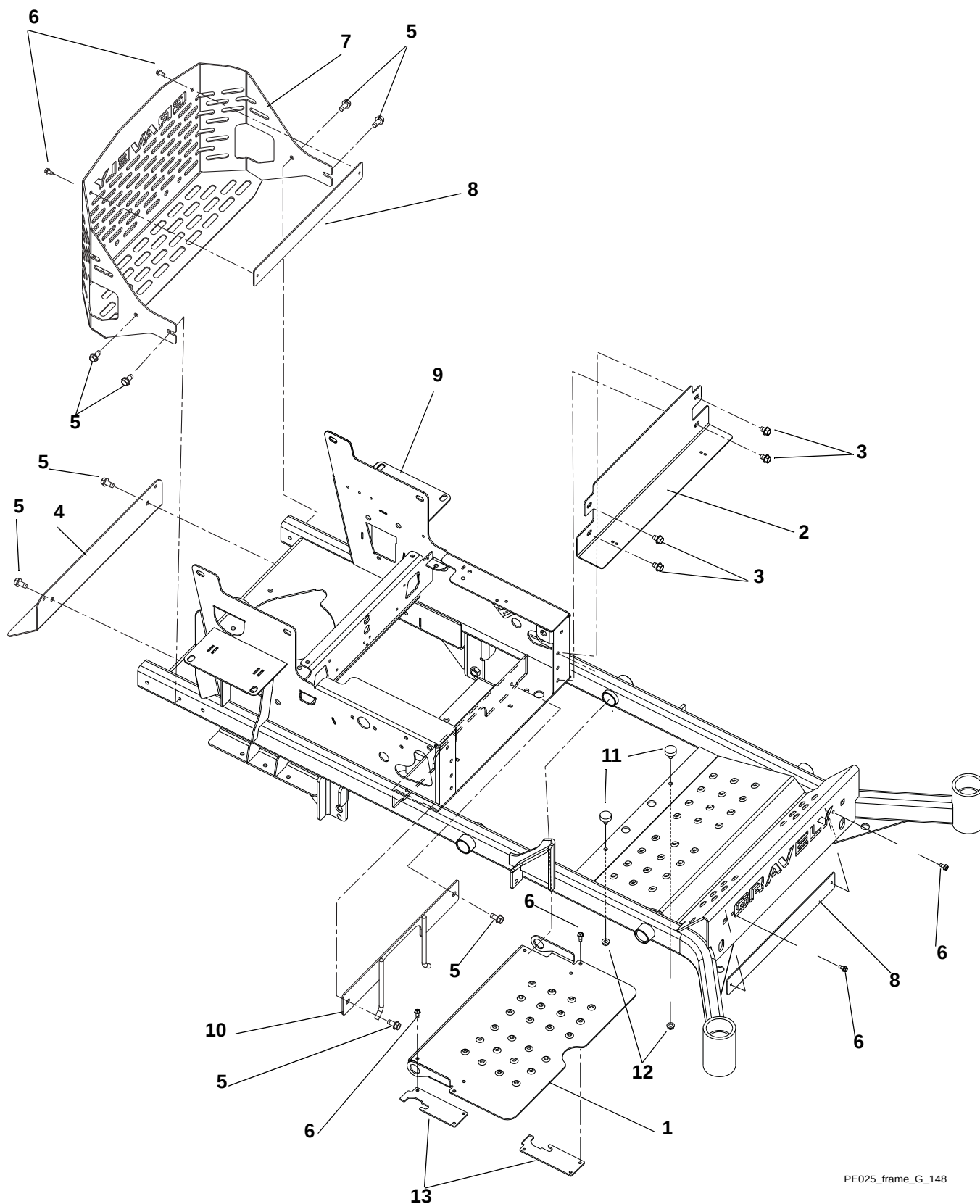


PE110_G_148_style_decals

Item	Part No.	Qty.	Description
1	03271900	2	Decal, Transmission Disconnect
2	08000526	1	Decal, Gravely Heritage, Large
3	03891000	1	Decal, 48
4	07757600	1	Decal, Instructional-Steering
5	03875000	1	Decal, Belt Routing
6	04014000	1	Decal, Pro-Turn 148
7	04318000	1	Decal, PT100 CE Height of Cut
8	04039400	1	Decal, Control Panel
9	05239700	1	Decal, Fuel Valve
10	05366200	2	Decal, X-Factor Deck
11	07800221	2	Decal, Seat Release

FRAME

Model 991300, 303



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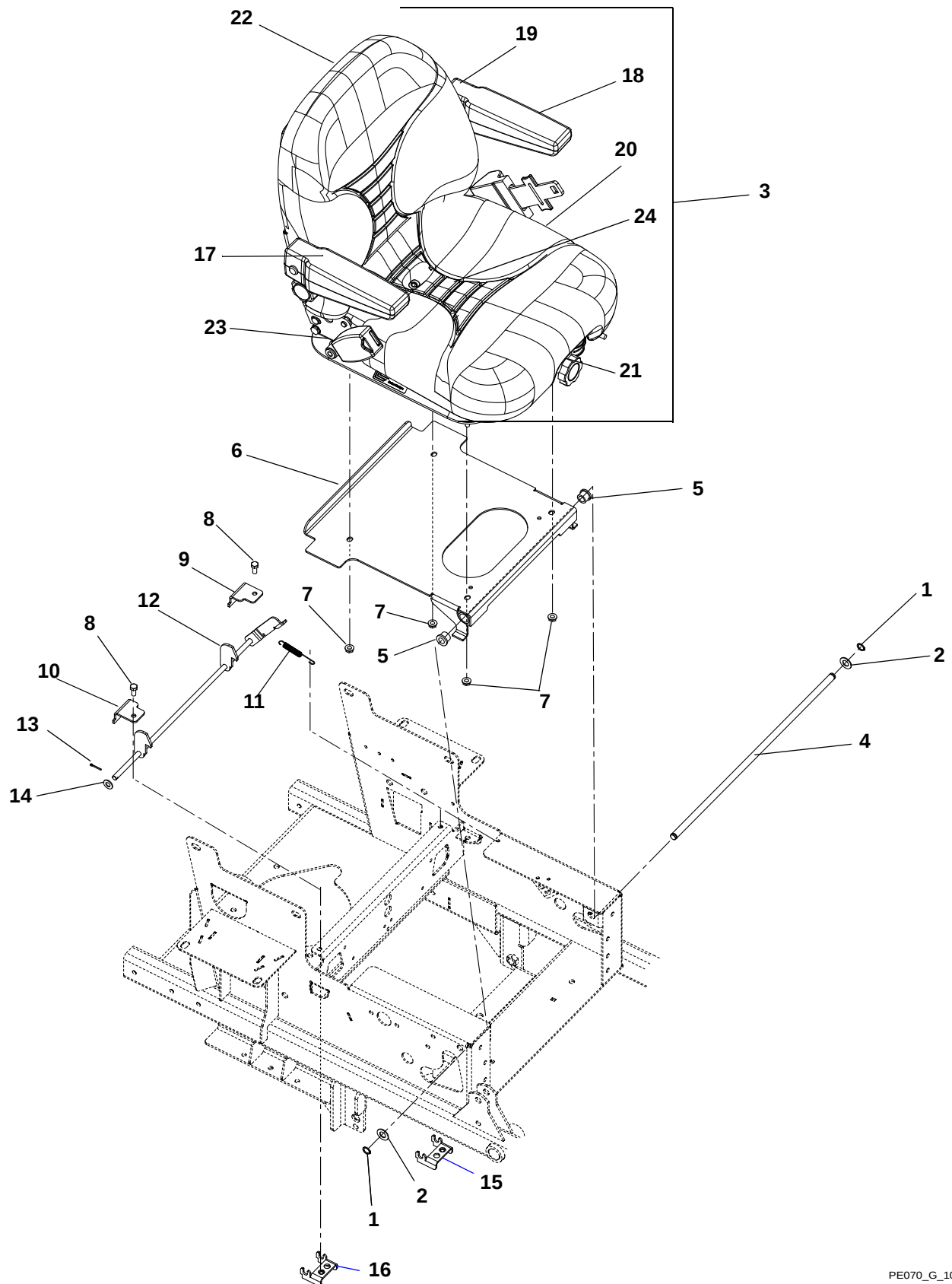
FRAME

Model 991300, 303

Item	Part No.	Qty	Description
1	04243851	1	Foot Plate
2	04243953	1	Kick Plate
3	07412900	4	Screw, Tapping .38-16 x .50 Hex Washer Head Thread Rolling
4	03948151	1	Muffler Heat Shield
5	07415400	8	Screw, Tapping .38-16 x .75 Hex Washer Head
6	07400034	10	Screw, Tapping .25-20 x .50 Hex Washer Head
7	03995253	1	Pro-Turn 100 Bumper
8	03995751	2	Bumper Plate
9	04243153	1	Frame, Pro-Turn 100 48"
10	04053651	1	PTO Belt Finger Weldment
11	07533600	2	Bumper, Rubber
12	06530400	2	Nut, Spin Lock-Flange .312-18
13	04315751	2	Pro-Turn 100CE Foot Plate Finger Cover

SEAT ASSEMBLY

Model 991300, 303



PE070_G_100i_seat

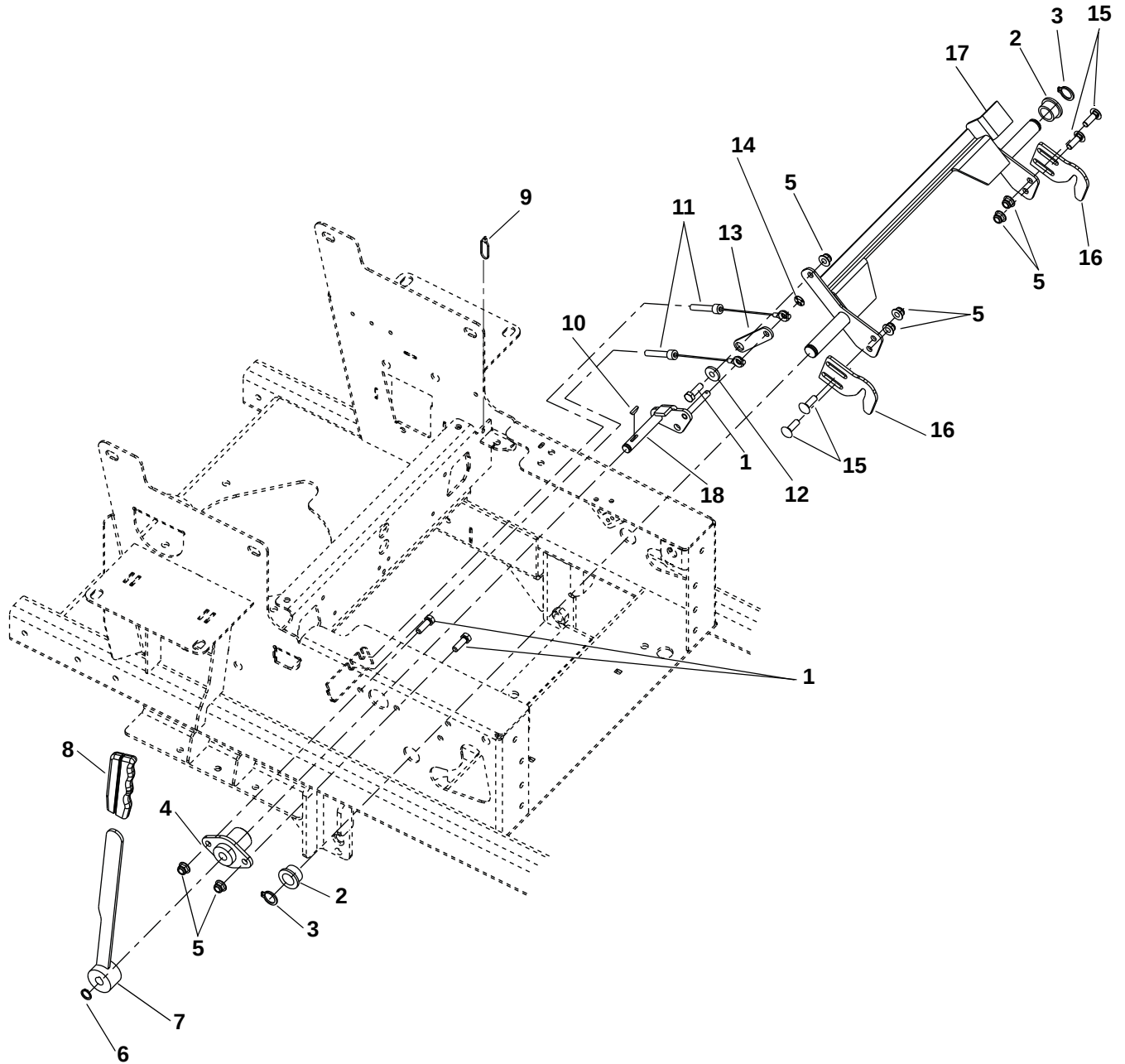
SEAT ASSEMBLY

Model 991300, 303

Item	Part No.	Qty	Description
1	05717100	2	Ring, Retaining-External .500 x .050
2	06425300	2	Washer, Flat Steel .531 x 1.00 x .063
3	04052900	1	Seat, Suspension - with Belt, Light Gray
4	03837800	1	Shaft, 100I Seat Pivot
5	05500901	2	Bushing, Flange .516 x .750 x .625 x .937
6	03933251	1	Seat Plate Weldment
7	06545400	4	Nut, Locking-Top-Flange .31-18
8	05947000	2	Bolt, Hex .31-18 x .75
9	03918551	1	Pro-Turn 100 Left Hand Top Seat Latch Mount
10	03917951	1	Pro-Turn 100 Right Hand Top Seat Latch Mount
11	08321100	1	Spring, Tension .043 x .44 x 3.31
12	03917751	1	Pro-Turn 100 Seat Latch Weldment
13	06706900	1	Pin, Center .09 x .75 Extended Prong Square Cut
14	06436200	1	Washer, Flat-Steel .406 x .812 x .065
15	03930451	1	Pro-Turn 100 Right Hand Seat Latch Mount Weldment
16	03930551	1	Pro-Turn 100 Left Hand Seat Latch Mount Weldment
17	59210400	AR	Kit, Right Hand Armrest Assembly
18	59210500	AR	Kit, Left Hand Armrest Assembly
19	59208800	AR	Kit, Back Cushion, Light Grey
20	59208900	AR	Kit, Seat Cushion, Light Grey
21	59208000	AR	Kit, Seat Knobs
22	59208100	AR	Kit, Seat Back
23	59207900	AR	Kit, Seat Slides
24	59207800	AR	Kit, Seat Spring and Saddle

BRAKE ASSEMBLY

Model 991300, 303



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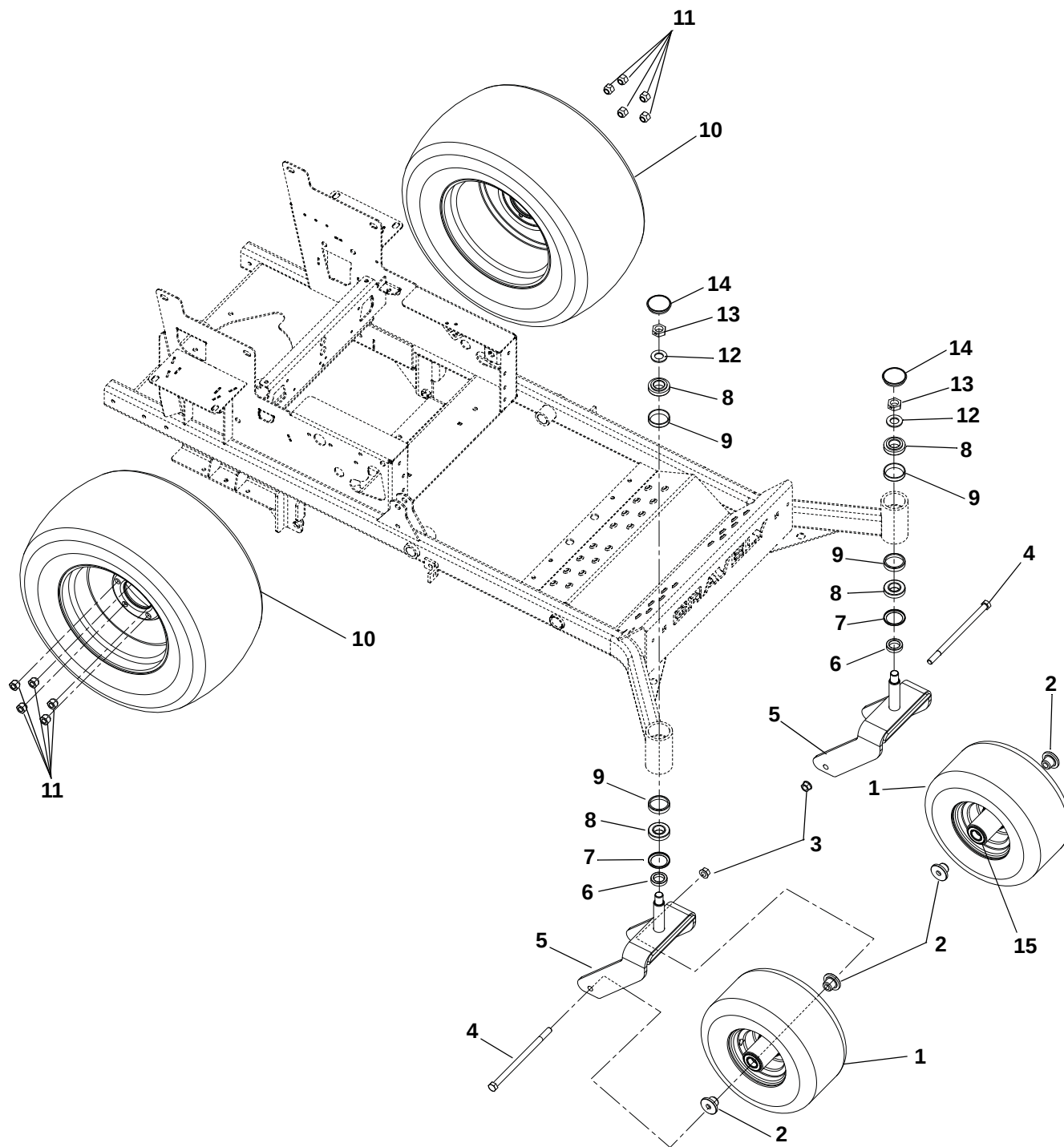
BRAKE ASSEMBLY

Model 991300, 303

Item	Part No.	Qty	Description
1	05946900	3	Bolt, Hex .31-18 x 1.00
2	05503900	2	Bushing, Flange .750 x 1.000 x .625 x 1.250
3	05714600	2	Ring, Retaining-External .689 x .077
4	01522000	1	Bushing, Flanged
5	06545400	7	Nut, .31-18 Nyloc Flange
6	05717100	1	Ring, Retaining-External .500 x .050
7	03795900	1	Weldment, Parking Brake Arm
8	03826900	1	Grip, Parking Brake
9	07517300	1	Cable Tie
10	06608400	1	Key, Woodruff .13 x .63 HRD #5
11	06900318	2	Cable, Brake Actuating
12	01305900	1	Bushing, Flange .325 x .499 x .26 x .88
13	03780900	1	Plate, Neutral Interlock
14	06514900	1	Nut, Push .312
15	06216100	4	Bolt, Round Head Square Neck .31-18 x 1.00
16	03861451	2	Neutral Lock Latch
17	03878700	1	Weldment, 100I Neutral Lock
18	03251100	1	Weldment, Park Brake Arm

TIRE ASSEMBLY

Model 991300, 303



PE060_G_tires

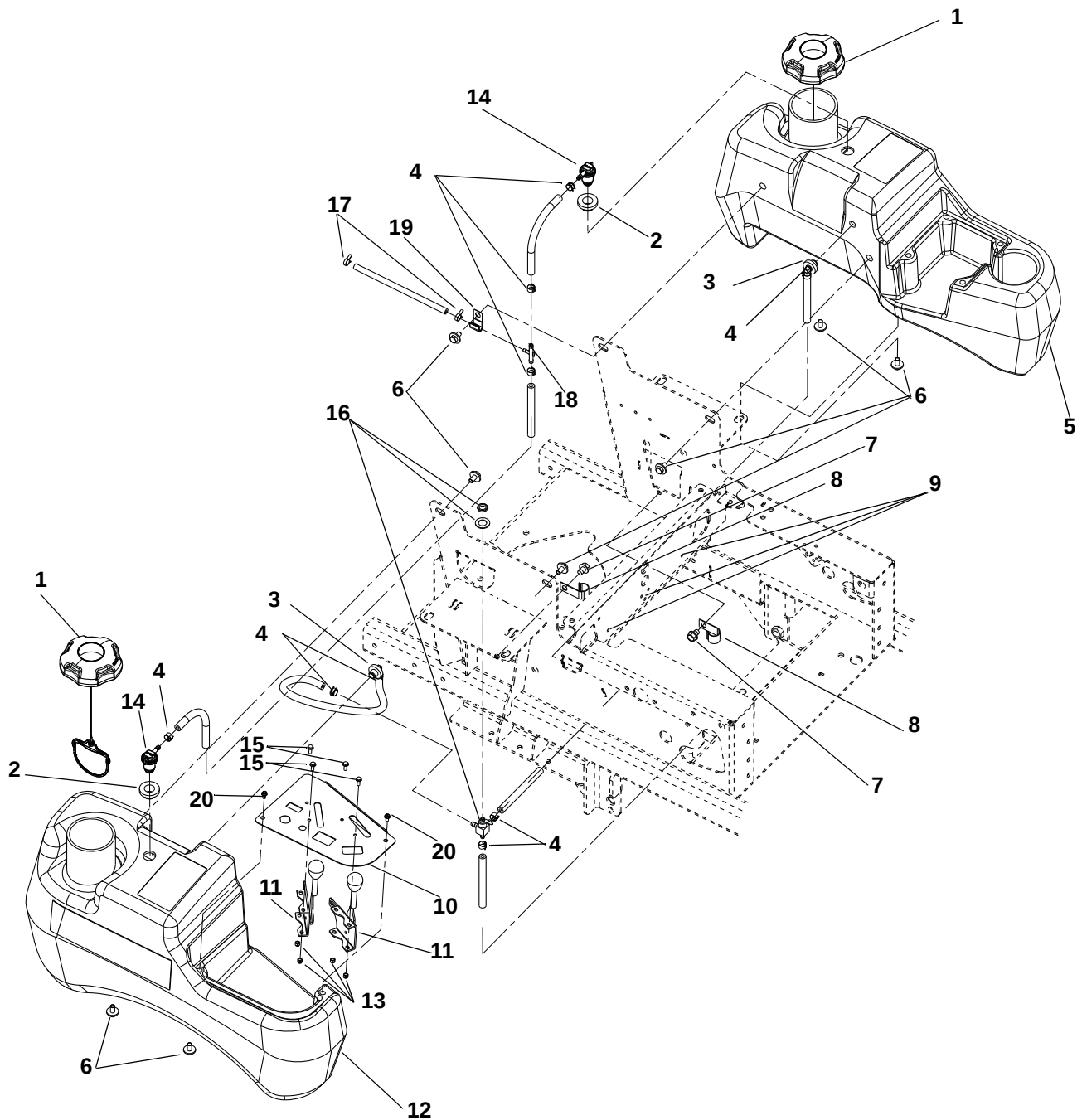
TIRE ASSEMBLY

Model 991300, 303

Item	Part No.	Qty	Description
1	07100903	2	Tire/Wheel Assembly, 13 x 6.50-6
	07100914	AR	Tire, 13 x 6.50-6 Smooth
2	00675300	4	Spacer, Front Wheel
3	06500010	2	Nut, .50-13 Nyloc Flange
4	05961200	2	Bolt, Hex .50-13 x 9.00
5	03924453	2	Fork
6	03760300	2	Spacer 1.258 x 1.75 x .550
7	05600432	2	Seal, Oil 1.75 x 2.332 x .312
8	05404700	4	Bearing, Cone 1.25 x .66
9	05404600	4	Bearing, Cup 2.328 x .465
10	07100810	2	Tire/Wheel Assembly, 23 x 10.50-12
	07100210	AR	Tire, 23 x 10.00-12
11	06517600	10	Nut, Wheel .50-20 13/16 Across Flats, Automotive Type
12	06439800	2	Washer, Flat Steel .812 x 2.00 x .148
13	06536900	2	Nut, Jam Center-Lock .75-16
14	03925900	2	Cap, Dust
15	05435700	AR	Bearing, 25 mm ID x 52 mm OD x 15 mm

FUEL TANKS

Model 991300, 303

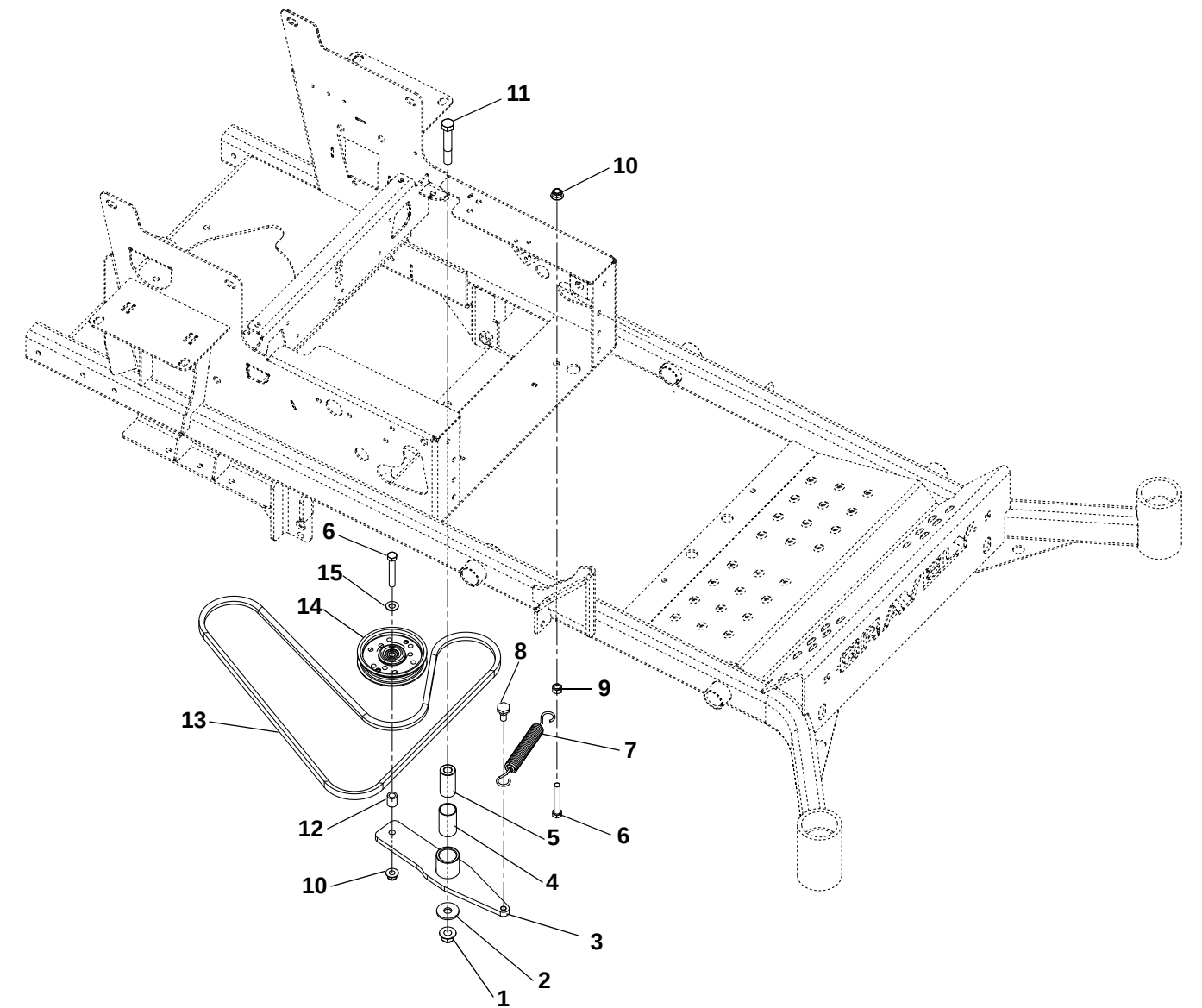


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FUEL TANKS

Model 991300, 303

Item	Part No.	Qty	Description
1	04237300	2	Cap, 3.50" Vent-in Ratchet Fuel
2	04082700	2	Grommet, Remote Vent Nitrile
3	03900300	2	Assembly, Medium Tank Fuel Pick-up
4	03278800	9	Clamp, Fuel Line
5	04245400	1	Tank, LH Medium Gravely Fuel (991300 SN 002500 – 004999, 991303 SN 000101 – 004999)
	04340700	1	Tank, LH Medium Gravely Fuel (SN 5000 and up)
6	07000018	8	Bolt, SEMS .31-18 x .62
7	07412900	2	Screw, Tapping .38-16 x .50 Hex Washer Head Thread Rolling
8	06916000	2	J-Clamp
9	07517300	3	Cable Tie
10	04039151	1	PT100 Control Panel, Black
11	06900417	2	Cable, PT100 Throttle Control
12	04245300	1	Tank, RH Medium Gravely Fuel (991300 SN 002500 – 004999, 991303 SN 000101 – 004999)
	04340600	1	Tank, RH Medium Gravely Fuel (SN 5000 and up)
13	06536000	4	Nut, Locking, Nylon 10-24 w/Insert
14	04068910	2	Valve, Combination
15	06116700	4	Screw, Machine 10-24 x .50 Hex Washer Head
16	09258200	1	Valve, Fuel
17	04097700	2	Clamp, Hose, Spring .188
18	04306900	1	Tee, 1/4HS Run x 3/16HS Branch
19	06909400	1	J-Clamp
20	06100211	2	Screw, Machine 10-24 x .38 HWH Stainless



PE035_G_hydrodrive

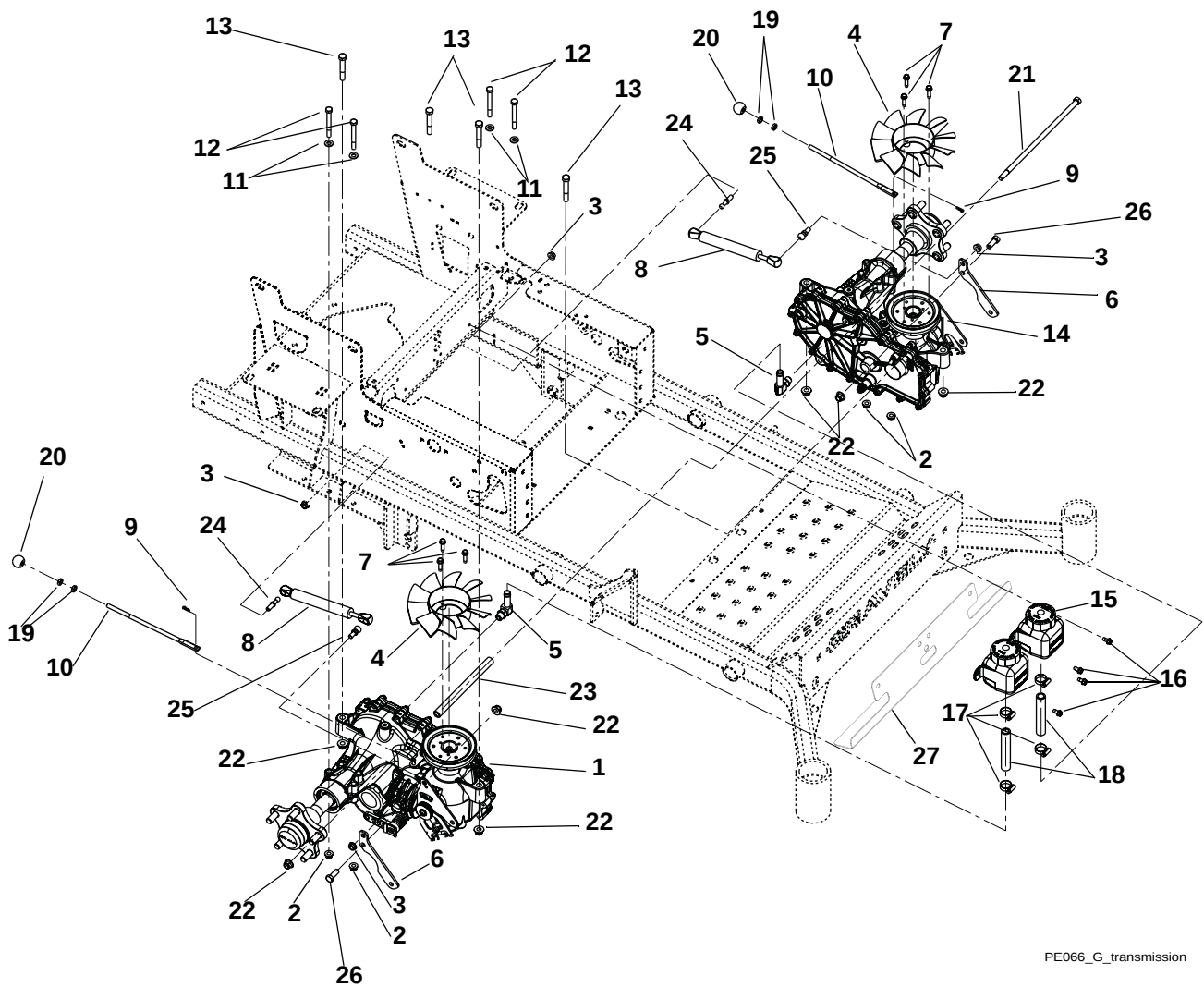
HYDRAULIC DRIVE

Model 991300, 303

Item	Part No.	Qty	Description
1	06500010	1	Nut, .50-13 Nyloc Flange
2	06436400	1	Washer, Flat Steel .511 x 1.441 x .125
3	02988651	1	Weldment, Hydro Drive Idler Arm
4	05500123	1	Bushing, 1.00 x 1.125 x 1.936
5	01581700	1	Bushing, Spacer .505/.500 x .999/.996 x 2.05/2.03 Promaster
6	05958400	2	Bolt, Hex .38-16 x 2.50
7	08300507	1	Spring, Extension
8	07000034	1	Bolt, Shoulder EP .38-16 x .30 Hex
9	06529400	1	Nut, Hex .38-16
10	06545500	2	Nut, .38-16 Nyloc Flange
11	05960000	1	Bolt, Hex .50-13 x 3.25
12	05525700	1	Bushing, Sleeve .407 x .625 x .750
13	07226400	1	Belt, A 69.26 Raw Cogged
14	07312500	1	Idler, Flat 4.00 x .38
15	06436200	1	Washer, Flat-Steel .406 x .812 x .065

TRANSMISSION

Model 991300, 303



PE066_G_transmission

TRANSMISSION

Model 991300, 303

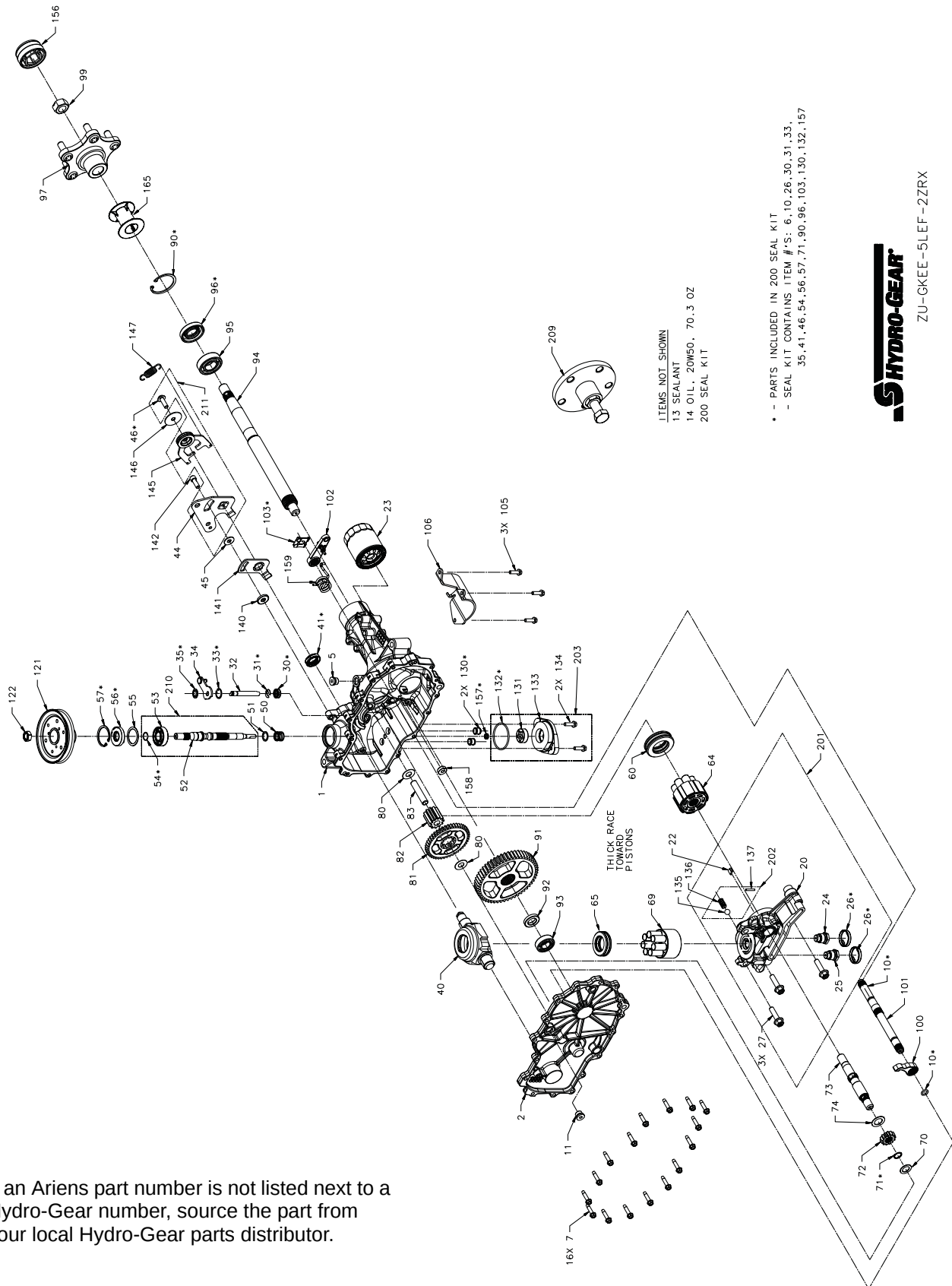
Item	Part No.	Qty	Description
1	03776400	1	Transaxle, 100I-Right Hand
2	06545400	4	Nut, .31-18 Nyloc Flange
3	06543100	4	Nut, Locking Top Flange .31-18
4	03283500	2	Fan, 2800 Series Cooling
5	07001528	2	Fitting, Hydraulic (90 DEG)
6	04244751	2	Transmission Damper Mounting Plate
7	07412400	6	Screw, Tapping .25-20 x 1.00 Hex Washer Head Thread Rolling
8	03769800	2	Damper
9	06701900	2	Pin, Hair-Internal .06 x .18 x .77
10	03911900	2	Lever, 100I Dump Valve
11	06437200	4	Washer, Flat-Steel .344 x .688 x .065
12	05962500	4	Bolt, Hex .31-18 x 3.00
13	05958400	4	Bolt, Hex .38-16 x 2.50
14	03776500	1	Transaxle, 100I-Left Hand
15	02970200	2	Tank, Expansion ZT2800
16	07400034	4	Screw, Tapping .25-20 x .50 Hex Washer Head Thread
17	06923500	4	Clamp, .88 Diameter Hose
18	03832300	2	Hose, 100I Hydro Overflow
19	06536100	4	Nut, Jam .312-18 UNC YWZC
20	07539800	2	Knob, Ball Black .312-18 x 1.00
21	05901315	1	Bolt, Hex .38-16 x 11.00
22	06545500	7	Nut, Locking-Nylon-Flange .38-16
23	03367200	1	Spacer, .38 ID x 5/8 OD x 7.72
24	04097100	2	Stud, Ball, Threaded
25	03652200	2	Stud, Ball
26	05948700	2	Bolt, Hex .38-16 x 1.00
27	04503151	1	Guard, Transmission Belt

Not Shown:

21545100 AR Oil Filter, 2800 Transmission

TRANSMISSION – RIGHT HAND

Model 991300, 303



If an Ariens part number is not listed next to a Hydro-Gear number, source the part from your local Hydro-Gear parts distributor.

TRANSMISSION – RIGHT HAND

Model 991300, 303

Item	Ariens p/n	Hydro-Gear p/n	Qty.	Description
1		71984	1	KIT, HOUSING,MAIN,RH,CHRG,CNTL
			1	HOUSING, MAIN, RH, CHRG, CNTL
			1	BUSHING, .624 x .719 x .562
			1	BRG, JRNL .86 x .98 x .79
			2	PIN, .25 x .375
(105)			3	HFHCS 1/4-20 x .625
(134)			2	HFHCS 1/4-20 x .625
2		71990	1	KIT, COVER, SIDE, RH
			1	COVER, SIDE, RH
			1	BUSHING, .624 x .719 x .562
			1	BRG, JRNL .86 x .98 x .79
5		9005110-5600	1	PLUG 9/16-18 (METAL)
7		53246	16	HFHCS 1/4-20 x 1.125"
10		51804	2	O-RING - 111 .103 x 424
11		9005110-5600	1	PLUG 9/16-18 (METAL)
13	21543771	50928	1	SEALANT
14			70.3oz	OIL, 20W50
22		51448	1	PLATE, BYPASS
23	21545100	52114	1	FILTER, OIL
26		52162	2	SEAL, PLUG 1.250 x .250
27		52137	3	HFHCS 3/8-16 x 1.5 (PATCH)
30	21543845	51626	1	SEAL, LIP .375 x .75 x .25
31	08622500	51628	1	RING, RET .375 EXTRNL
32		52136	1	ROD, BYPASS
33		51627	1	RING, RET .750 INTRNL
34		51910	1	ARM, BYPASS
35	21543848	51630	1	RING, RTNG .375 EXT
40	21543783	51048	1	TRUNNION, SWASHPLATE
41	21543809	51140	1	SEAL, LIP 12 x 32 x 7
45		44130	1	WASHER .34 x .88 x .06
46	21543854	51812	1	TWHS 5/16-24 x 1.00 (PATCH)
50		2003014	1	SPRING, BLOCK
51	08609400	2003017	1	WASHER-FLAT .59 x .79 x .04
55	21543773	50951	1	WASHER 1.23 x 1.56 x .04
56	21543816	51161	1	SEAL, LIP 17 x 40 x 7
57	21543741	50329	1	RING, RETAINING
60		51462	1	BEARING, THRUST
64		71579	1	ASS'Y, CYLINDER BLOCK, 16cc
65		53502	1	BRG, THRUST PLASTIC CAGE
69		71971	1	ASS'Y, BLOCK 7 PISTON
70		44371	1	WASHER .63 x 1.0 x .05
71		44145	1	RING, RETAINING .625
72		52342	1	GEAR, 13T, STEEL
73		52150	1	SHAFT, MOTOR
74		51069	1	WASHER .72 x 1.16 x .04
80	21543724	50132	2	WASHER .5 x 1.0 x .03
81		52343	1	GEAR, 46T
82		52586	1	GEAR, 11T, STEEL
83		51083	1	JACK SHAFT (PIN)
90		50859	1	RING, RET 2.06 INT
91		53327	1	GEAR, 54T
92		53336	1	SPACER, .750 x 1.320 x .257
93		44121	1	BEARING, BALL, .75 x 40 x 12
94		53527	1	SHAFT, AXLE
95	08614000	50771	1	BRG, BALL 25.4 x 52 x 15
96	08614300	50772	1	SEAL, LIP 1.000 x 2.049 x .375
97		71691	1	KIT, HUB, 5 BOLT
			1	HUB, TAPER 3.56, 5 BOLT
			5	STUD, 1/2-20 x 1.5 (RIB NECK)
99	08621100	50863	1	NUT, HEX LOCK 3/4-16
100		52776	1	PAWL, BRAKE
101		52640	1	SHAFT, BRAKE
102		71980	1	KIT, HANDLE, ACTUATING
103		52027	1	CLIP, RETAINING

TRANSMISSION – RIGHT HAND

Model 991300, 303

Item	Ariens p/n	Hydro-Gear p/n	Qty.	Description
105		53464	3	SCREW, HEX FLANGE 1/4-20 x .625
106		52257	1	GUARD, FILTER, RH
121		53218	1	PULLEY, 4.5 x 1.625
122	21543703	44133	1	NUT, HEX JAM 1/2-20 W/ PATCH
130		52157	2	TUBE, CONNECTING
131		50273	1	GEROTOR ASSEMBLY (1.9 cc/rev)
132	21544005	52250	1	O-RING, -137, 0.103 x 2.050
133		53468	1	COVER, CHARGE PUMP
134		53464	2	SCREW, HEX FLANGE 1/4-20 x .625
140		52527	1	SPACER .320 x 1.005 x .179
141		51945	1	ARM, NEUTRAL RIGHT
142		51616	1	SHCS 5/16-24 x 1 PATCH
146	21543871	51950	1	WASHER, .343 x 1.500 x .062
147	21544001	51833	1	SPRING, EXTNSN RTN-34LBS
157	21544001	53456	1	SEAL, LIP 8 x 12 x 3 VC
158		51100	1	MAGNET, RING
159		53429	1	SPRING, TORSION CCW
165		53496	1	TUBE, AXLE 2.04
200		71976	1	KIT, SEAL
			2	PIN, .25 x .375
(10)			2	O-RING - 111 .103 x 424
(26)			2	SEAL, PLUG 1.250 x .250
(30)			1	SEAL, LIP .375 x .75 x .25
(31)			1	RING, RET .375 EXTRNL
(33)			1	RING, RET .750 INTRNL
(35)			1	RING, RTNG .375 EXT
(41)			1	SEAL, LIP 12 x 32 x 7
(46)			1	TWHCS 5/16-24 x 1.00 (PATCH)
54			1	RING, RET. WIRE .561
(56)			1	SEAL, LIP 17 x 40 x 7
(57)			1	RING, RETAINING
(71)			1	RING, RETAINING .625
(90)			1	RING, RET 2.06 INT
(96)			1	SEAL, LIP 1.000 x 2.049 x .375
(103)			1	CLIP, RETAINING
(130)			2	TUBE, CONNECTING
(132)			1	O-RING, -137, 0.103 x 2.050
(157)			1	SEAL, LIP 8 x 12 x 3 VC
201		71972	1	KIT, CENTER SECTION, RH, CHRG
20			1	CENTER SECTION, RH, CHRG
(22)			1	PLATE, BYPASS
24			1	SHOCK VALVE ASSEMBLY 220 BAR
25			1	SHOCK VALVE ASSEMBLY 220 BAR
(26)			2	SEAL, PLUG 1.250 x .250
(27)			3	HFHCS 3/8-16 x 1.5 (PATCH)
			1	BEARING, JOURNAL .50 x .59 x .50
135			1	BALL 7/16
136			1	SPRING, RELIEF
137			1	PIN, SPRING .125 x .875
202		71436	1	KIT, CHARGE RELIEF
135			1	BALL 7/16
136			1	SPRING, RELIEF
137			1	PIN, SPRING .125 x .875
203		71977	1	KIT, CHARGE PUMP
(131)			1	GEROTOR ASSEMBLY (1.9 cc/rev)
(132)			1	O-RING, -137, 0.103 x 2.050
(133)			1	COVER, CHARGE PUMP
(134)			2	HFHCS 1/4-20 x .75
209		71784	1	HUB PULLER, 5 BOLT

TRANSMISSION – RIGHT HAND

Model 991300, 303

Item	Ariens p/n	Hydro-Gear p/n	Qty.	Description
210		71978	1	KIT, INPUT SHAFT
52			1	SHAFT, INPUT
53			1	BRG, BALL 17 x 40 x 12
54			1	RING, RET WIRE .561 ID
211		71597	1	KIT, RTN, CW
44			1	ARM, CONTROL, RH
(46)			1	TWHCS 5/16-24 x 1.00 (PATCH)
145			1	ASSEMBLY, RTN, CW

TRANSMISSION – LEFT HAND

Model 991300,303



If an Ariens part number is not listed next to a Hydro-Gear number, source the part from your local Hydro-Gear parts distributor.

HYDRO-GEAR

ZU-KKEE-5LEG-3ZRX

TRANSMISSION – LEFT HAND

Model 991300, 303

Item	Ariens p/n	Hydro-Gear p/n	Qty.	Description
1		71986	1	KIT, HOUSING,MAIN,LH,CHRG,CNTL
			1	HOUSING, MAIN, LH, CHRG, CNTL
			1	BUSHING, .624 x .719 x .562
			1	BRG, JRNL .86 x .98 x .79
			2	PIN, .25 x .375
(105)			3	HFHCS 1/4-20 x .75
(134)			2	HFHCS 1/4-20 x .75
2		71992	1	KIT, COVER, SIDE, LH
			1	COVER, SIDE, LH
			1	BUSHING, .624 x .719 x .562
			1	BRG, JRNL .86 x .98 x .79
5		9005110-5600	1	PLUG 9/16-18 (METAL)
7		53246	16	HFHCS 1/4-20 x 1.125"
10		51804	2	O-RING - 111 .103 x 424
11		9005110-5600	1	PLUG 9/16-18 (METAL)
13	21543771	50928	1	SEALANT
14			70.3oz	OIL, 20W50
22		51448	1	PLATE, BYPASS
23	21545100	52114	1	FILTER, OIL
26		52162	2	SEAL, PLUG 1.250 x .250
27		52137	3	HFHCS 3/8-16 x 1.5 (PATCH)
30	21543845	51626	1	SEAL, LIP .375 x .75 x .25
31	08622500	51628	1	RING, RET .375 EXTRNL
32		52136	1	ROD, BYPASS
33		51627	1	RING, RET .750 INTRNL
34		52370	1	ARM, BYPASS
35	21543848	51630	1	RING, RTNG .375 EXT
40	21543783	51048	1	TRUNNION, SWASHPLATE
41	21543809	51140	1	SEAL, LIP 12 x 32 x 7
45		44130	1	WASHER .34 x .88 x .06
46	21543854	51812	1	TWHS 5/16-24 x 1.00 (PATCH)
50		2003014	1	SPRING, BLOCK
51	08609400	2003017	1	WASHER-FLAT .59 x .79 x .04
55	21543773	50951	1	WASHER 1.23 x 1.56 x .04
56	21543816	51161	1	SEAL, LIP 17 x 40 x 7
57	21543741	50329	1	RING, RETAINING
60		51462	1	BEARING, THRUST
64		71579	1	ASS'Y, CYLINDER BLOCK, 16cc
65		53502	1	BRG, THRUST PLASTIC CAGE
69		71971	1	ASS'Y, BLOCK 7 PISTON
70		44371	1	WASHER .63 x 1.0 x .05
71		44145	1	RING, RETAINING .625
72		52342	1	GEAR, 13T, STEEL
73		52150	1	SHAFT, MOTOR
74		51069	1	WASHER .72 x 1.16 x .04
80	21543724	50132	2	WASHER .5 x 1.0 x .03
81		52343	1	GEAR, 46T
82		52586	1	GEAR, 11T, STEEL
83		51083	1	JACK SHAFT (PIN)
90		50859	1	RING, RET 2.06 INT
91		53327	1	GEAR, 54T
92		53336	1	SPACER, .750 x 1.320 x .257
93		44121	1	BEARING, BALL, .75 x 40 x 12
94		53527	1	SHAFT, AXLE
95	08614000	50771	1	BRG, BALL 25.4 x 52 x 15
96	08614300	50772	1	SEAL, LIP 1.000 x 2.049 x .375
97		71691	1	KIT, HUB, 5 BOLT
			1	HUB, TAPER 3.56, 5 BOLT
			5	STUD, 1/2-20 x 1.5 (RIB NECK)
99	08621100	50863	1	NUT, HEX LOCK 3/4-16
100		52776	1	PAWL, BRAKE
101		52640	1	SHAFT, BRAKE

TRANSMISSION – LEFT HAND

Model 991300, 303

Item	Ariens p/n	Hydro-Gear p/n	Qty.	Description
102		51979	1	KIT HANDLE, ACTUATING
103		52027	1	CLIP, RETAINING
105		53464	3	SCREW, HEX FLANGE 1/4-20 x .625
106		52247	1	GUARD, FILTER, LH
121		53218	1	PULLEY, 4.5 x 1.625
122	21543703	44133	1	NUT,HEX JAM 1/2-20 W/ PATCH
130		52157	2	TUBE, CONNECTING
131		50273	1	GEROTOR ASSEMBLY (1.9 cc/rev)
132	21544005	52250	1	O-RING, -137, 0.103 x 2.050
133		53468	1	COVER, CHARGE PUMP
134		53464	2	SCREW, HEX FLANGE 1/4-20 x .625
140		52527	1	SPACER .320 x 1.005 x .179
141		51946	1	ARM, NEUTRAL LEFT
142		51616	1	SHCS 5/16-24 x 1 PATCH
146	21543871	51950	1	WASHER, .343 x 1.500 x .062
147	21544001	51833	1	SPRING, EXTNSN RTN-34LBS
157		53456	1	SEAL, LIP 8 x 12 x 3 VC
158		51100	1	MAGNET, RING
159		53483	1	SPRING, TORSION CW
165		53496	1	TUBE, AXLE 2.04
200		71976	1	KIT, SEAL
			2	PIN, .25 x .375
(10)			2	O-RING - 111 .103 x .424
(26)			2	SEAL, PLUG 1.250 x .250
(30)			1	SEAL, LIP .375 x .75 x .25
(31)			1	RING, RET .375 EXTRNL
(33)			1	RING, RET .750 INTRNL
(35)			1	RING, RTNG .375 EXT
(41)			1	SEAL, LIP 12 x 32 x 7
(46)			1	TWHCS 5/16-24 x 1.00 (PATCH)
54			1	RING, RET. WIRE .561
(56)			1	SEAL, LIP 17 x 40 x 7
(57)			1	RING, RETAINING
(71)			1	RING, RETAINING_.625
(90)			1	RING, RET 2.06 INT
(96)			1	SEAL, LIP 1.000 x 2.049 x .375
(103)			1	CLIP, RETAINING
(130)			2	TUBE, CONNECTING
(132)			1	O-RING, -137, 0.103 x 2.050
(157)			1	SEAL, LIP 8 x 12 x 3 VC
201		71973	1	KIT, CENTER SECTION, LH, CHRG
20			1	CENTER SECTION, LH, CHRG
(22)			1	PLATE, BYPASS
24			1	SHOCK VALVE ASSEMBLY 220 BAR
25			1	SHOCK VALVE ASSEMBLY 220 BAR
(26)			2	SEAL, PLUG 1.250 x .250
(27)			3	HFHCS 3/8-16 x 1.5 (PATCH)
			1	BEARING, JOURNAL .50 x .59 x .50
135			1	BALL 7/16
136			1	SPRING, RELIEF
137			1	PIN, SPRING .125 x .875
202		71436	1	KIT, CHARGE RELIEF
135			1	BALL 7/16
136			1	SPRING, RELIEF
137			1	PIN, SPRING .125 x .875
203		71977	1	KIT, CHARGE PUMP
(131)			1	GEROTOR ASSEMBLY (1.9 cc/rev)
(132)			1	O-RING, -137, 0.103 x 2.050
(133)			1	COVER, CHARGE PUMP
(134)			2	HFHCS 1/4-20 x .75
209		71784	1	HUB PULLER, 5 BOLT
210		71978	1	KIT, INPUT SHAFT

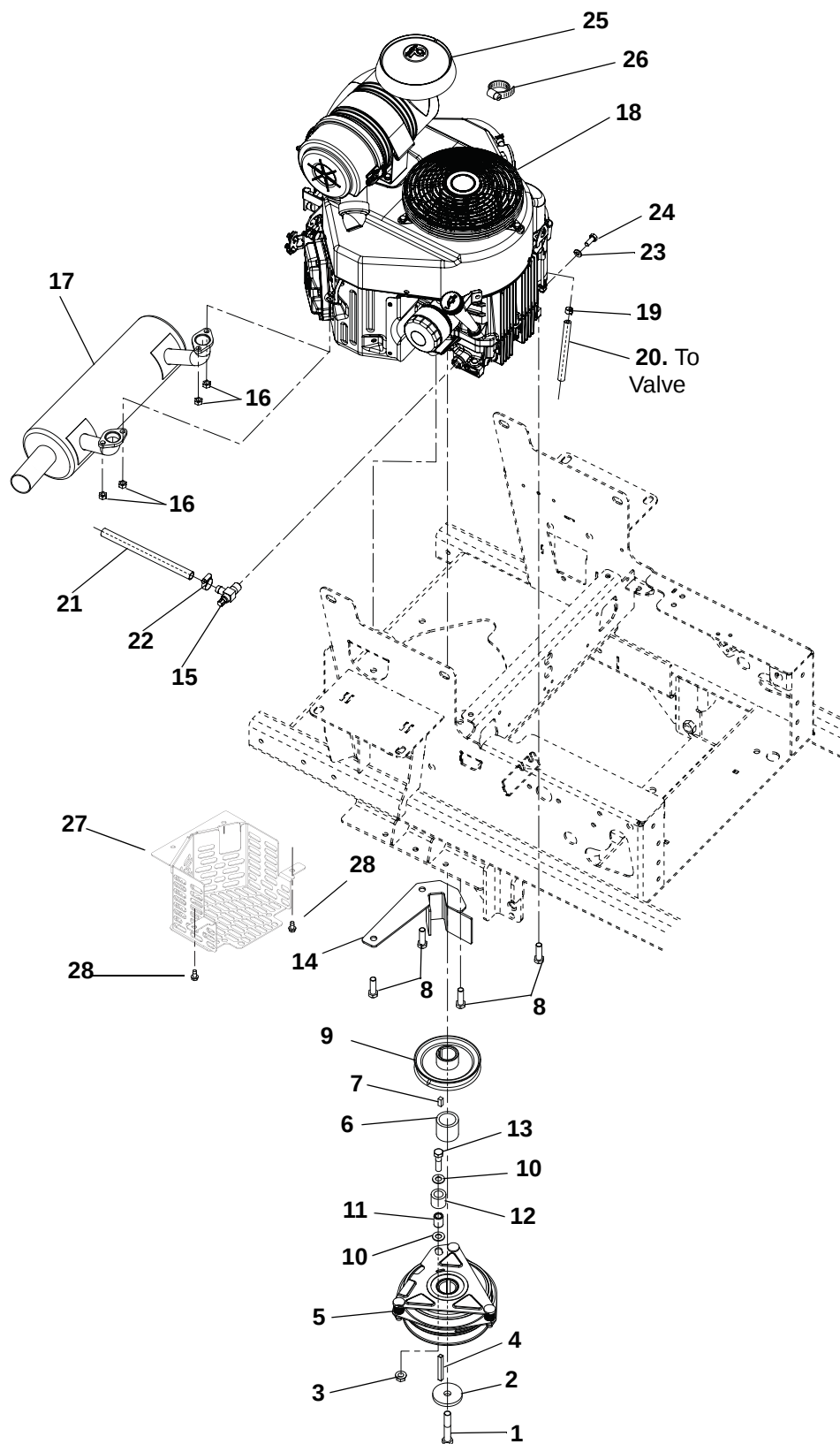
TRANSMISSION – LEFT HAND

Model 991300, 303

Item	Ariens p/n	Hydro-Gear p/n	Qty.	Description
52			1	SHAFT, INPUT
53			1	BRG, BALL 17 x 40 x 12
54			1	RING, RET WIRE .561 ID
211		71599	1	KIT, RTN, CCW
44			1	ARM, CONTROL, LH
(46)			1	TWHCS 5/16-24 x 1.00 (PATCH)
145			1	ASSEMBLY, RTN, CCW

ENGINE

Model 991300, 303



PE046_G_kaw_fx

ENGINE

Model 991300, 303

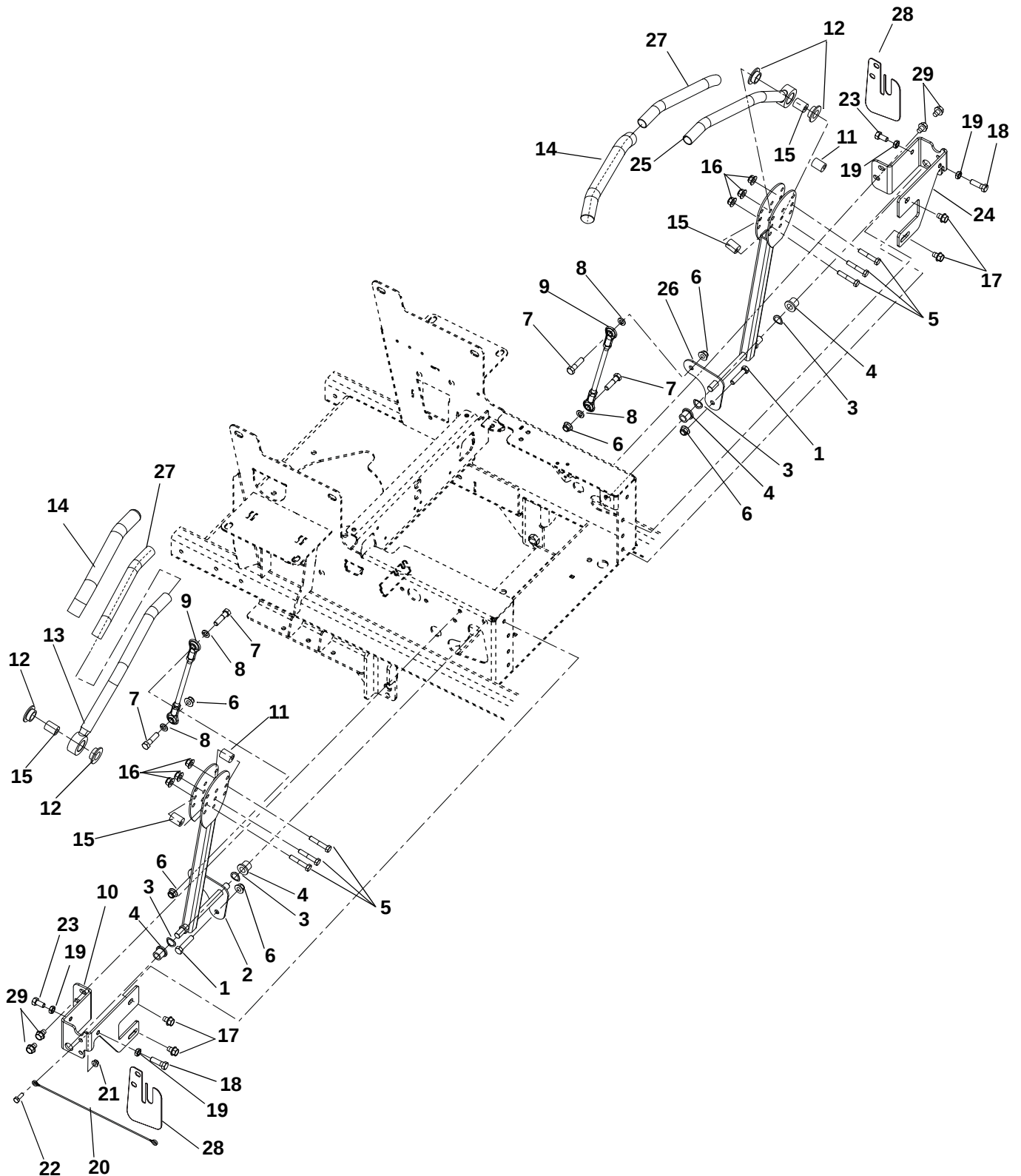
Item	Part No.	Qty	Description
1	05900036	1	Bolt, Hex .44-20 x 2.50
2	06443600	1	Washer, Flat-Steel .469 x 2.00 x .25
3	06542000	1	Nut, Locking-Top-Flange .38-16
4	06610300	1	Key .25 x .25 x 2.25
5	03785000	1	Clutch, Ogura GT2.5-FE02
6	03829700	1	Spacer, 1.125 x 1.50 x 1.40
7	06602700	1	Key, Square .25 x .625 x .25 SAE 8630 or SAE 1035
8	05901507	4	Bolt, Hex .38-16 x 1.25 FTH EP80
9	07331667	1	Pulley, 4.50 OD x 1.127 Engine
10	06436200	2	Washer, Flat-Steel .406 x .812 x .065
11	08905500	1	Bushing, Sleeve .407 x .625 x .813 Steel
12	07500007	1	Bumper, Rubber .62 x 1.0 x .88 LG Engine
13	05957900	1	Bolt, Hex .38-16 x 1.50
14	03828051	1	100I Clutch Stop Weldment
15	00429000	1	Drain, .50 Oil
16	06500018	4	Nut, Locking-Top M8-1.25
17	03989000	1	Muffler, Kawasaki Fixed
18	08200721	1	Engine, Kawasaki FX691
19	03278800	1	Clamp, Fuel Line
20	03278100	24.0"	Hose, .25 Low-PERM Bulk Gas
21	01590900	1	Tube, Oil Drain 8" Clear Vinyl
22	06923500	1	Clamp, .88 Diameter Hose
23	06308600	1	Washer, Locking .31 x .078 Regular
24	05973300	1	Bolt, Hex M8-1.25 x 20
25	04088900	AR	Cap, Air Cleaner Rain
26	06900426	AR	Clamp, Hose 2.75 Dia. Worm
27	04499251	1	Weldment, Clutch and Belt Guard
28	07412900	2	Screw, Tapping .38-16 x .50 Hex Washer Head

Not Shown:

03286700	AR	Lead, Starter Solenoid
21548800	AR	Air Filter Element, Outer Primary
21548700	AR	Air Filter Element, Inner Safety
21535800	AR	Filter, Oil - Kawasaki # 49065-2078
21536100	AR	Plug, Spark - Kawasaki # 92070-7004
21538400	AR	Filter, Fuel - Kawasaki # 49019-7001

CONTROLS

Model 991300, 303



PE005_G_controls

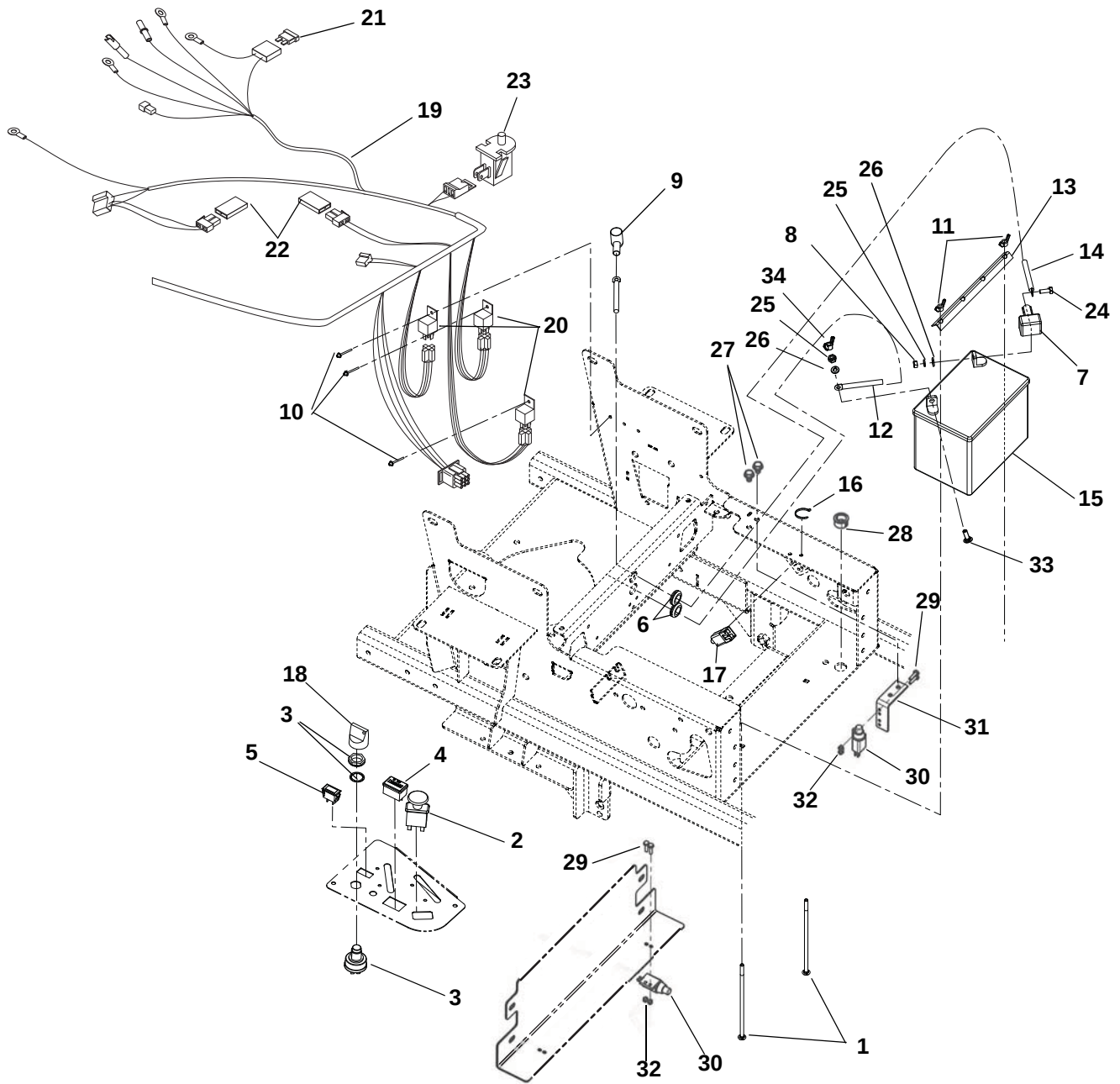
CONTROLS

Model 991300, 303

Item	Part No.	Qty	Description
1	05942200	2	Bolt, Hex .38-16 x 2.00 Full Thread
2	03773551	1	Weldment, Right Hand Control
3	03704900	4	Wave Washer .640 x .875 x .125 Free Height
4	05521100	4	Bushing, Flange .515 x .750 x .745 x 1.00 Nylon
5	05957400	6	Bolt, Hex .31-18 x 1.75
6	06545500	6	Nut, .38-16 Nyloc Flange
7	05957900	4	Bolt, Hex .38-16 x 1.50
8	06308800	4	Washer, Locking .38 x .094 Regular
9	03251700	2	Assembly, Steering Linkage
10	03752753	1	Bracket, Right Hand Steering Stop
11	05500932	2	Eccentric
12	05525200	4	Bushing, Flange .762 x 1.48 x .44 Nylon
13	09235600	1	Weldment, Handle Right Hand
14	03929100	2	Grip, Handlebar
15	09235400	4	Spacer, .328 x .76 x 1.01
16	06545400	6	Nut, .31-18 Nyloc Flange
17	07412900	4	Screw, Tapping .38-16 x .50 Hex Washer Head Thread Rolling
18	05958000	2	Bolt, Hex .38-16 x 1.25
19	06535900	4	Nut, Hex-Jam .375-16
20	06900317	1	Cable, 12.0 Lanyard, Nylon
21	06500012	1	Nut, .25-20 Nyloc Flange
22	05946800	1	Bolt, Hex .25-20 x .75
23	05959400	2	Bolt, Hex .38-16 x .75
24	03754753	1	Bracket, Left Hand Steering Stop
25	09235500	1	Weldment, Handle Left Hand
26	03773651	1	Weldment, Left Hand Control
27	03988300	2	Tube
28	04503053	2	Plate, Side Cover
29	07415400	4	Screw, Tapping .38-16 x .75 Hex Washer Head Thread Rolling

ELECTRICAL

Model 991300, 303



PE021_G_148_electrical_2

ELECTRICAL

Model 991300, 303

Item	Part No.	Qty	Description
1	06226400	2	Bolt, Round Head Square Neck .25-20 x 7.50
2	01545600	1	Switch, Clutch
3	00464000	1	Switch, Ignition
4	03966800	1	Hour Meter w/Maintenance
5	08841200	1	Light, Indicator
6	07500126	2	Bushing, Panel Snap .687 x .875 x .56
7	07505700	1	Insulator
8	06533200	1	Nut, Hex .25-20
9	00525800	1	Battery Terminal Boot, Red
10	07500125	3	Rivet, .25 Nylon Panel
11	06537500	2	Nut, Locking Wing .250-20
12	03111101	1	Ground Cable .31 x 22.00 x .31
13	03494051	1	Hold Down
14	03288400	1	Cable, Positive Battery 26.00"
15	01554800	1	Exide Battery, Sealed Maintenance Free U1-250
16	07517300	1	Cable Tie
17	03834300	1	Switch, Snap In-N.O./N.O.
18	09287000	1	Key, with Shield
19	04244800	1	Harness, Pro-Turn 100 Wire
20	00432100	AR	Relay, Sealed w/Diode
21	00524600	AR	Fuse, 30 AMP.
22	09293500	AR	Diode, Connector Shell
23	02754100	AR	Switch, Snap Mounting (N.O.)
24	05946800	1	Bolt, Hex .25-20 x .75
25	06308400	2	Washer, Locking .25 x .062 Regular
26	06437300	2	Washer, Flat-STL .281 x .62 x .065
27	07411500	2	Screw, Tapping .31-18 x .50 Hex Washer Head
28	07500126	1	Bushing, Panel Snap .687 x .875 x .56
29	06116900	4	Screw, Machine 10-24 x .75 Hex Washer Head
30	09251900	2	Switch, Single Pole (N.O.) with Cover
31	09251253	1	Mount, Switch
32	06536000	4	Nut, Locking-Nylon 10-24 with Insert
33	06219900	1	Bolt, Round Head Square Neck .25-20 x .75 YZ
34	06501200	1	Nut, Wing .25-20 YZ

Not Shown:

04180800	1	Harness, CE Foot and Seat Plate Switch
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CONTINUITY DIAGRAM

Model 991300, 303

The diagrams below show the various states of connection for electrical components.

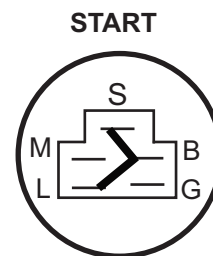
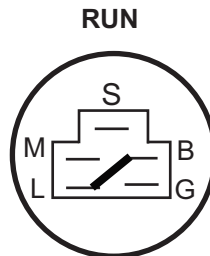
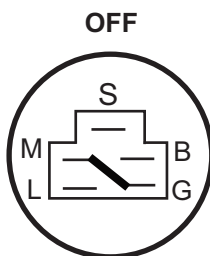
The solid lines on switches show continuity.

NOTE: All switches are viewed from the rear.

Key Switch

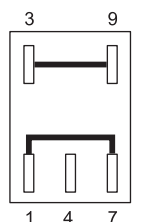
(00464000)

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

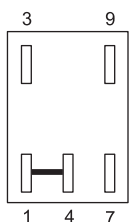


PTO Switch

(01545600)



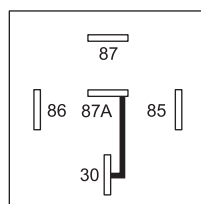
DISENGAGED
(down position)



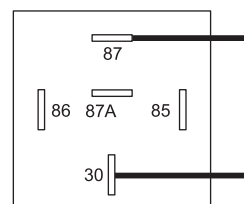
ENGAGED
(up position)

Relay

(00432100)



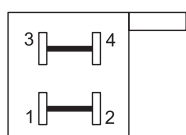
NOT ENERGIZED



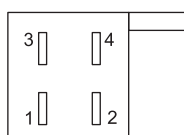
ENERGIZED

Brake Switch

(03834300)



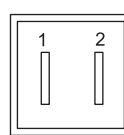
BUTTON IN



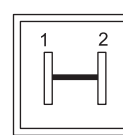
BUTTON OUT

Seat Switch

(02754100)



OPERATOR
OFF SEAT



OPERATOR
ON SEAT

NOTES

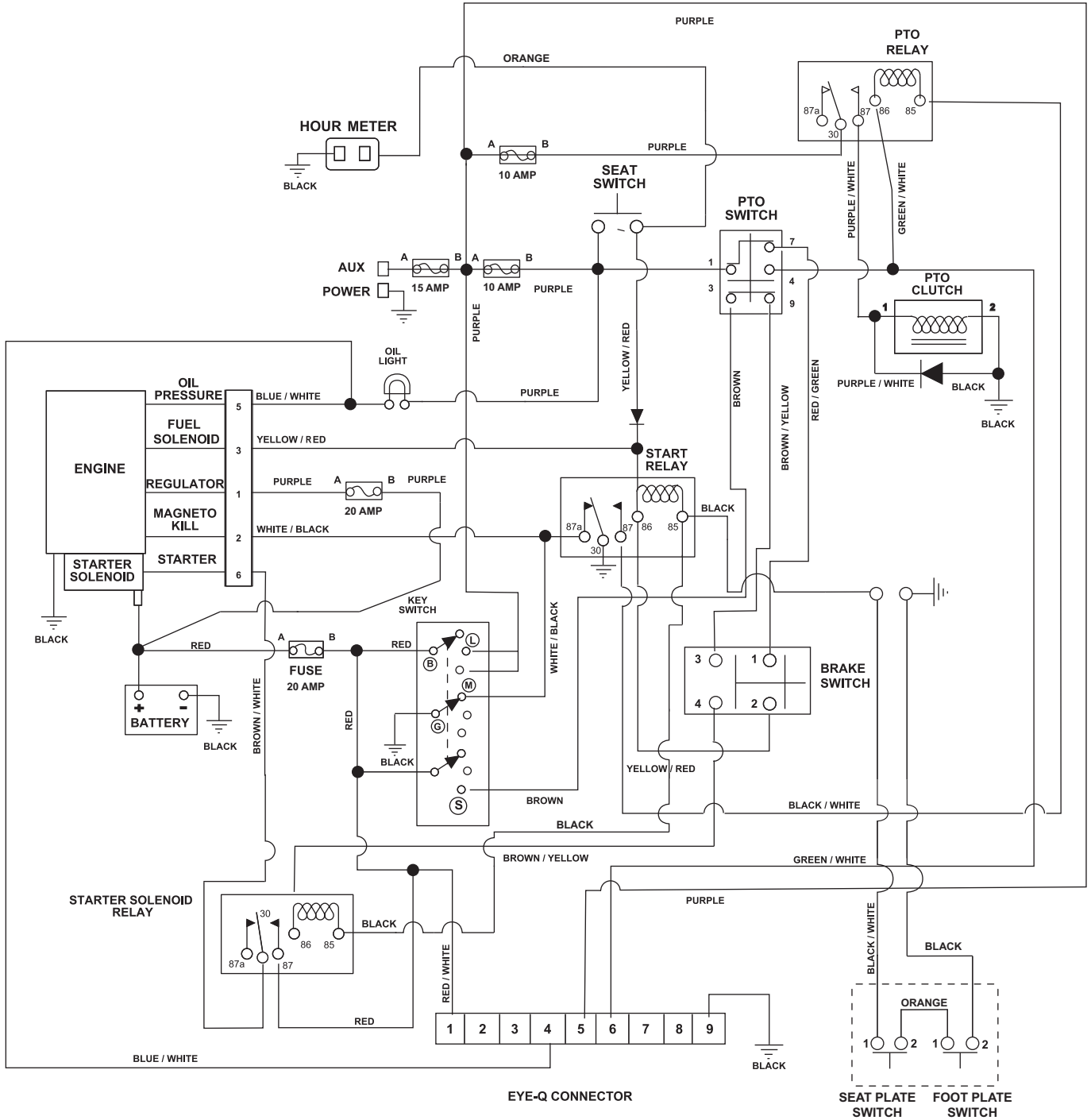
WIRING DIAGRAM

Model 991300

Serial Number 002529 – up

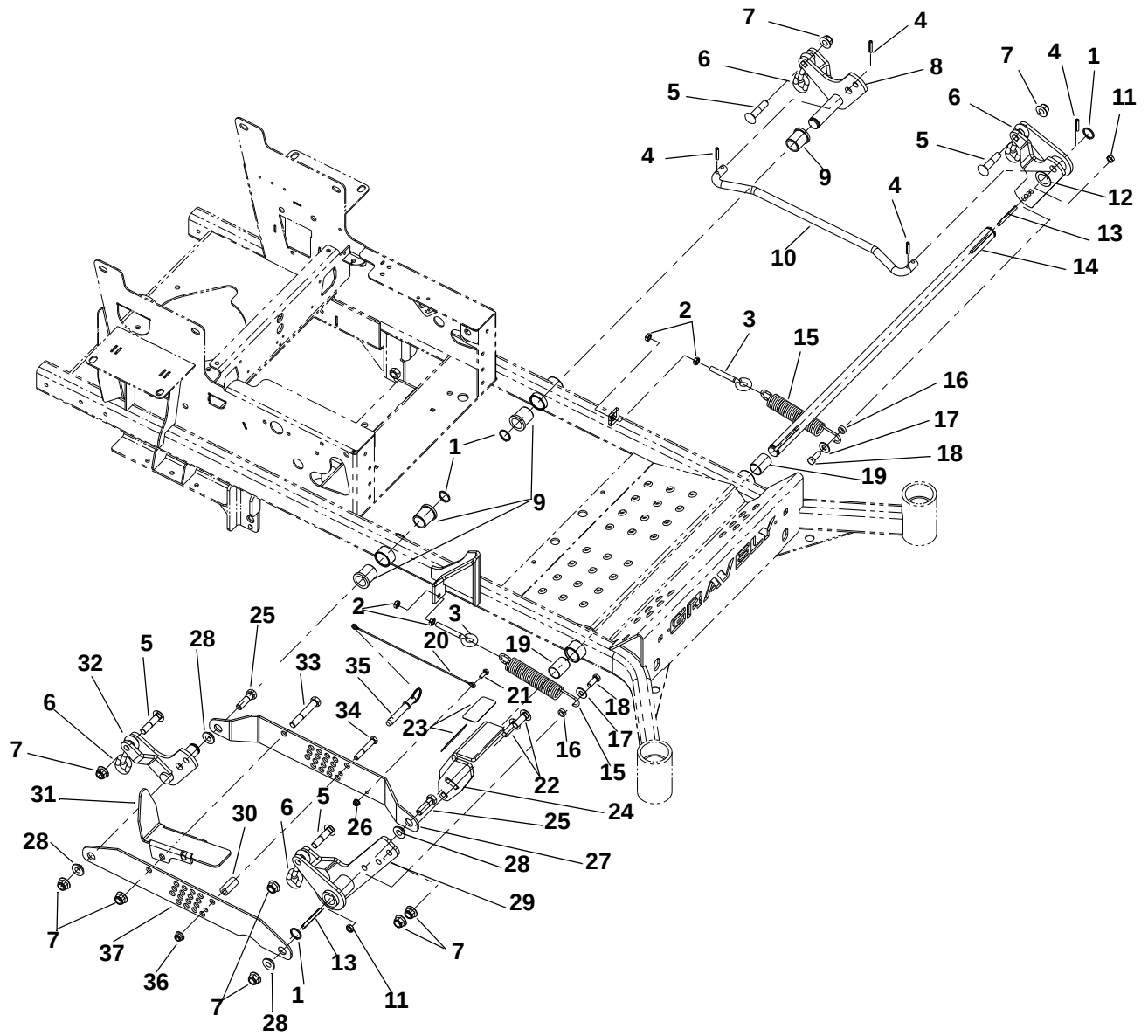
Model 991303

Serial Number 000101 – up



MECHANICAL DECK LIFT

Model 991300, 303



PE015_G_mechanical lift

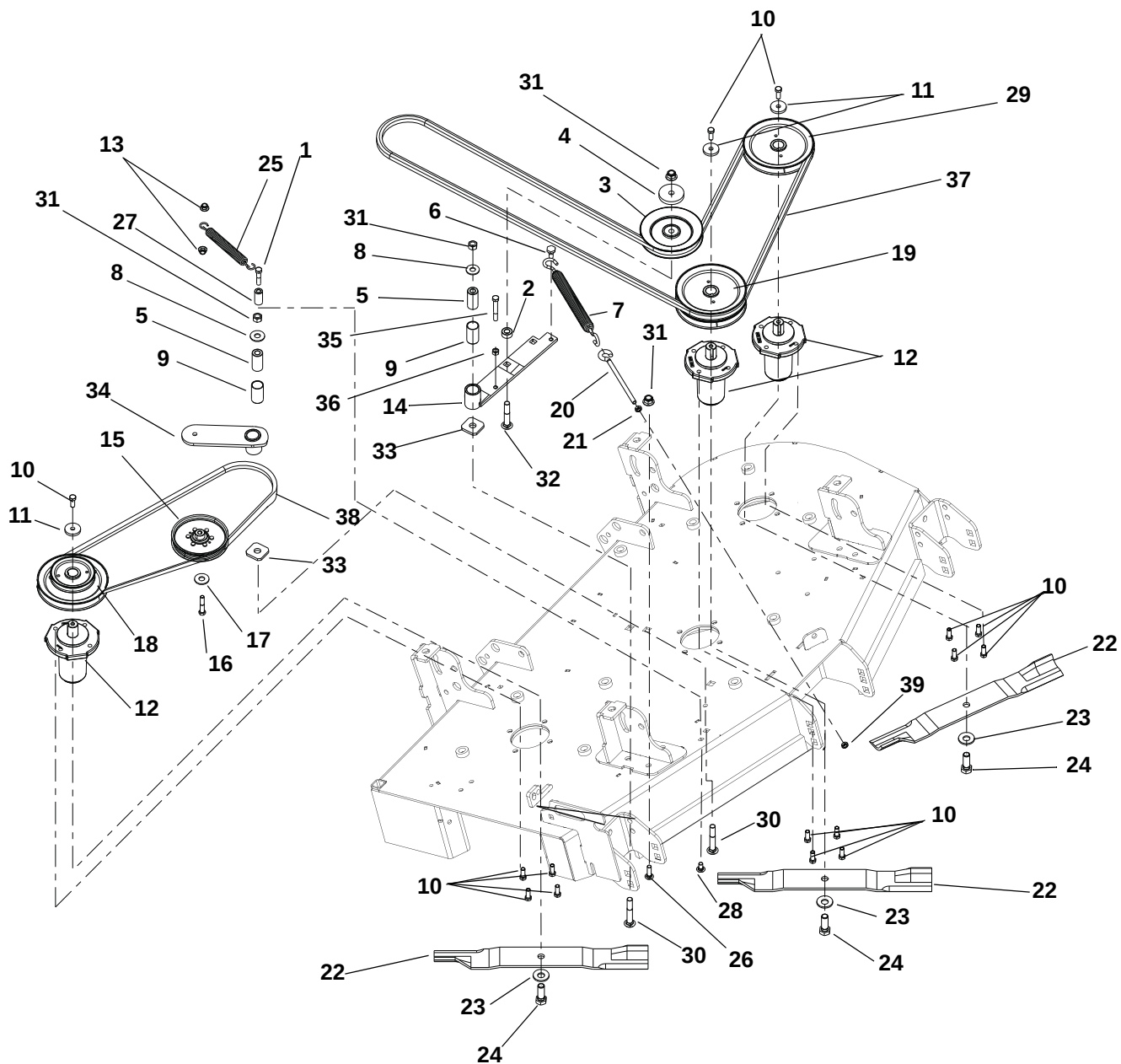
MECHANICAL DECK LIFT

Model 991300, 303

Item	Part No.	Qty	Description
1	05707300	4	Ring, Retaining, External 1.00 x .078
2	06535900	4	Nut, Hex, Jam .375-16
3	07030000	2	Bolt, Eye .375-16 x 2.50
4	05800001	4	Pin, Roll .25 x 1.25 Stainless Steel
5	06200119	4	Bolt, Round Head Square Neck .50-13 x 2.25
6	04242600	4	Chain, 3-Link .38 Deck Lift
7	06500010	9	Nut, Locking Nylon Flange .50-13
8	03858100	1	Weldment, LH Rear Deck Lift
9	05500934	4	Bushing, Flange 1.00 x 1.25 x 1.50 x 1.50
10	04063100	1	Rod, Lift Assist 19.35"
11	06537200	2	Nut, Locking Center Jam .375-16
12	03857900	1	Weldment, Front LH Deck Lift
13	06602600	2	Key, Square .25 x 2.50 x .25 SAE
14	04243600	1	Shaft, PT100 Front Mower Lift
15	08319000	2	Spring, Tension .162 x 1.25 x 8.25 Weldment 25
16	05508900	2	Bushing, Sleeve .377 x .624 x .235
17	06435900	2	Washer, Flat Steel .438 x 1.00 x .083
18	05948700	2	Bolt, Hex .38-16 x 1.00
19	05500034	2	Bushing, 1.00 ID x 1.125 OD x 1.50
20	06900317	1	Cable, 12.0 Lanyard, Nylon
21	05946800	1	Bolt, Hex .25-20 x .75
22	06223100	2	Bolt, Round Head Square Neck .50-13 x 1.50
23	00270100	2	Grip, Pedal 1.50 x 3.00
24	04088651	1	Adjustable Foot Lift Pedal, Black
25	05970600	2	Bolt, Hex .50-13 x 1.75
26	06500012	1	Nut, Locking Nylon Flange .25-20
27	03954751	1	RH Lift/Cut Height Bracket, Inboard
28	03989100	4	Bushing, Flange .515 x .750 x .395 x 1.120
29	04184400	1	Weldment, Adjustable Deck Foot Lift
30	03954800	1	Spacer, .375 x .750 x 1.54
31	03864051	1	Mechanical Lock-up Weldment, Black
32	03858000	1	Weldment, RH Rear Deck Lift
33	05960000	1	Bolt, Hex .50-13 x 3.25
34	05958400	1	Bolt, Hex .38-16 x 2.50
35	03957100	1	Pin, .50 x 2.00 Usable Length Ball
36	06545500	1	Nut, Locking Nylon Flange .38-16
37	03954651	1	RH, Lift/Cut Height Bracket, Outboard

BELTS, SPINDLES, IDLERS AND BLADES

Model 991300, 303



Belts_Spindles_Idlers_Blades_G_148

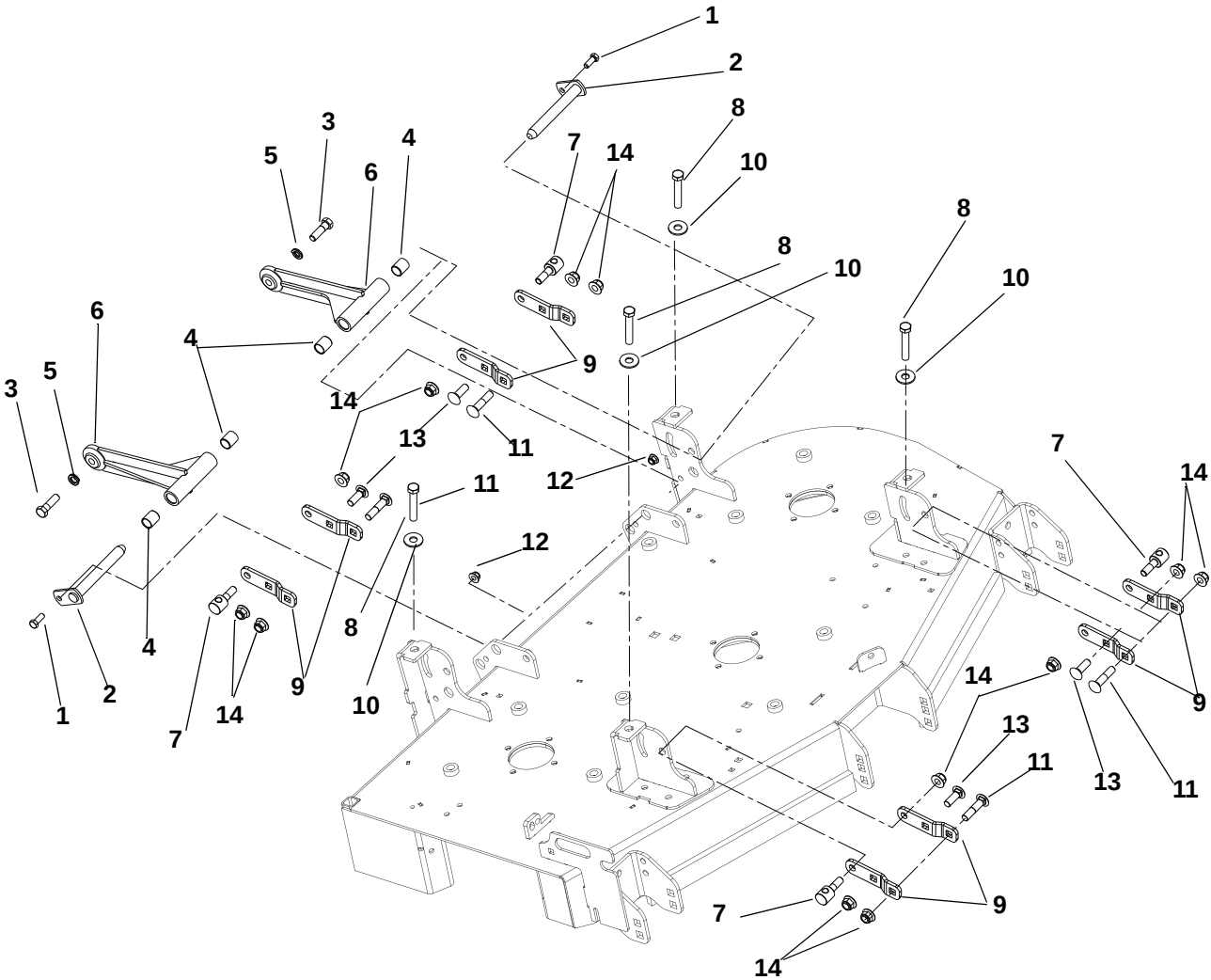
BELTS, SPINDLES, IDLERS AND BLADES

Model 991300, 303

Item	Part No.	Qty	Description
1	05958500	1	Bolt, Hex .38-16 x 1.75
2	05500905	1	Bushing, Spacer .502 x .997 x .50
3	07300527	1	Sheave, .50 ID x 6.00 OD V-Idlerg
4	00450100	1	Cap, Idler Bearing Sealing
5	01581700	2	Bushing, Spacer .505/.500 x .999/.996 x 2.05/2.03
6	07000034	2	Bolt, Shoulder EP .38-16 x .30 Hex
7	08300505	1	Spring, Extension (Deck Idler)
8	06442000	2	Washer, Flat Steel .563 x 1.38 x .109
9	05500123	2	Bushing, 1.00 x 1.125 x 1.936
10	05900013	15	Bolt, Hex .38-16 x 1.00
11	06400006	3	Washer, Flat Steel .406 x 1.50 x .245
12	69221300	3	Assembly, Spindle, Long
13	06529600	1	Nut, Locking-Center .38-16
14	03774251	1	Weldment, Idler Arm
15	07300526	1	Sheave, .38 ID x 5.00 OD V-Idler
16	05962900	1	Bolt, Hex .38-16 x 2.25
17	06436200	1	Washer, Flat Steel .406 x .812 x .065
18	07329467	1	Pulley, Double 1 ID x 5.75 x 3.50 OD
19	07329267	1	Pulley, Double 1.0 ID x 5.75 OD
20	07001604	1	Bolt, .38-16 x 5.50 .62 Diameter Eye
21	06535900	1	Nut, Hex, Jam .375-16
22	00273000	3	Blade, Mulch 16.25
23	06445700	3	Washer, Bellville .63 x 1.625 x .14
24	05978900	3	Bolt, Hex .62-18 x 1.75 Grade 8 (Torque to 115-125 ft. lbs.)
25	08300507	1	Spring, Extension
26	06200006	1	Bolt, Round Head Square Neck .50-13 x 1.5, Full Thread
27	06533500	1	Nut, Coupling .375-16 x 1.75
28	06212000	1	Bolt, Round Head Square Neck .38-16 x 1.00
29	07329367	1	Pulley, V 1 ID x 5.75 OD
30	06225000	2	Bolt, Round Head Square Neck .50-13 x 3.50
31	06500010	2	Nut, .50-13 Nyloc Flange
32	06224900	1	Bolt, Round Head Square Neck .50-13 x 3.00
33	06400829	2	Washer, Flat .640 x 1.75 x .250
34	03774151	1	Weldment, Idler Arm
35	05961400	1	Bolt, Hex .38-16 x 2.75
36	06529400	1	Nut, Hex .38-16
37	07200024	1	Belt, BB 118.00 Wrapped Hex
38	07200035	1	Belt, B 51.18 Raw Cogged
39	06537200	1	Nut, Locking-Center-Jam .375-16

DECK & MOUNTING ARMS

Model 991300, 303



Deck_Mounting_Arms_G_148

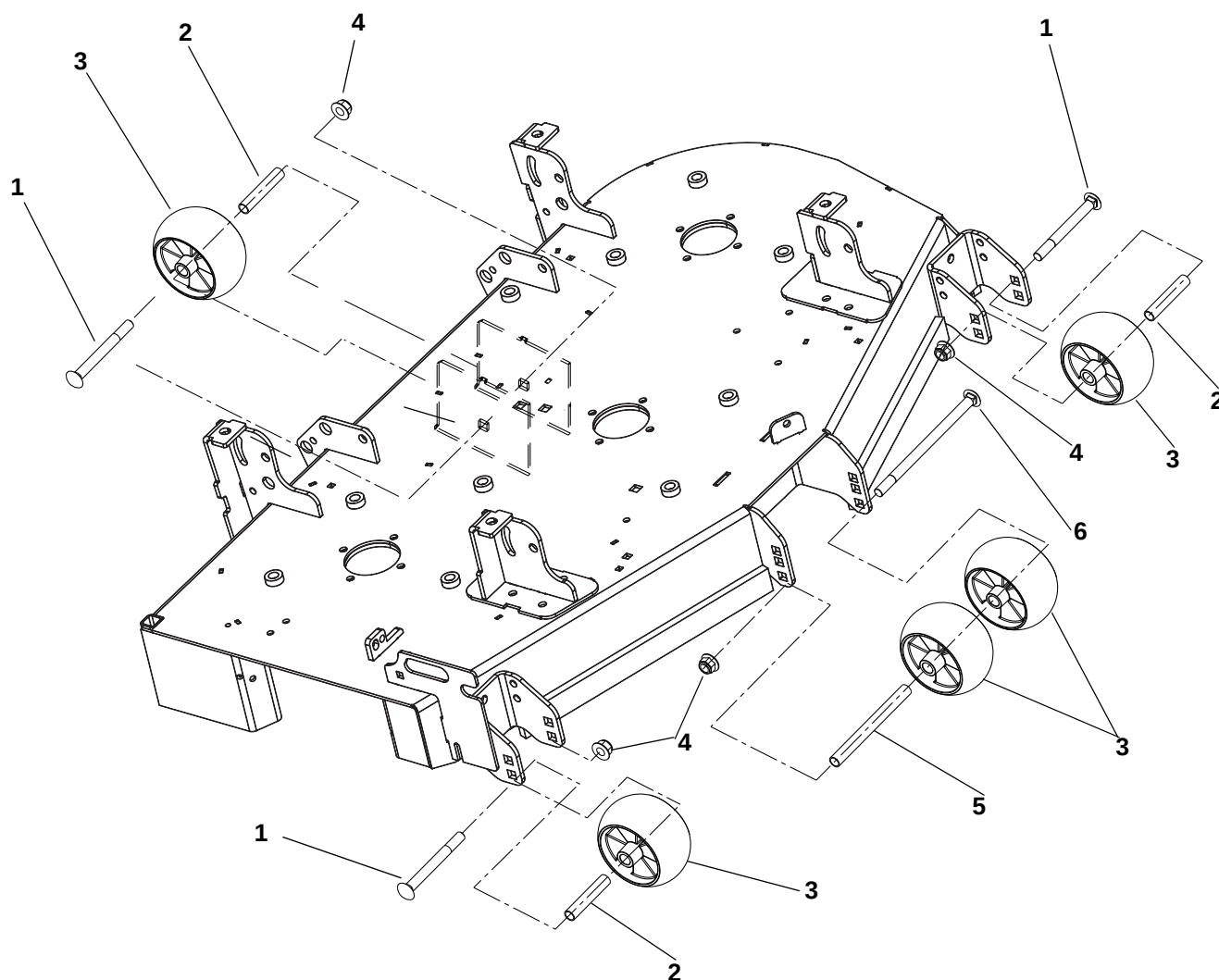
DECK & MOUNTING ARMS

Model 991300, 303

Item	Part No.	Qty	Description
1	05948700	2	Bolt, Hex .38-16 x 1.00
2	09238900	2	Weldment, Mower Mounting Pin
3	05901436	2	Bolt, Hex .50-13 x 1.75 Grade 5 EP80
4	05435900	4	Bearing, .75 x .875 x 1.00
5	06307300	2	Washer, Locking .50 x .125 Regular
6	04243551	2	Deck Pusher Arm Weldment, Black
7	03972000	4	Trunnion, .50-13
8	05901421	4	Bolt, Hex .50-13 x 3.00
9	03966251	8	Bracket, Deck Leveling
10	06442000	4	Washer, Flat Steel .563 x 1.38 x .109
11	06200119	4	Bolt, Round Head Square Neck .50-13 x 2.25
12	06545500	2	Nut, Locking Nylon Flange .38-16
13	06223100	4	Bolt, Round Head Square Neck .50-13 x 1.50
14	06500010	12	Nut, Locking Nylon Flange .50-13

ANTI-SCALP ROLLERS

Model 991300, 303



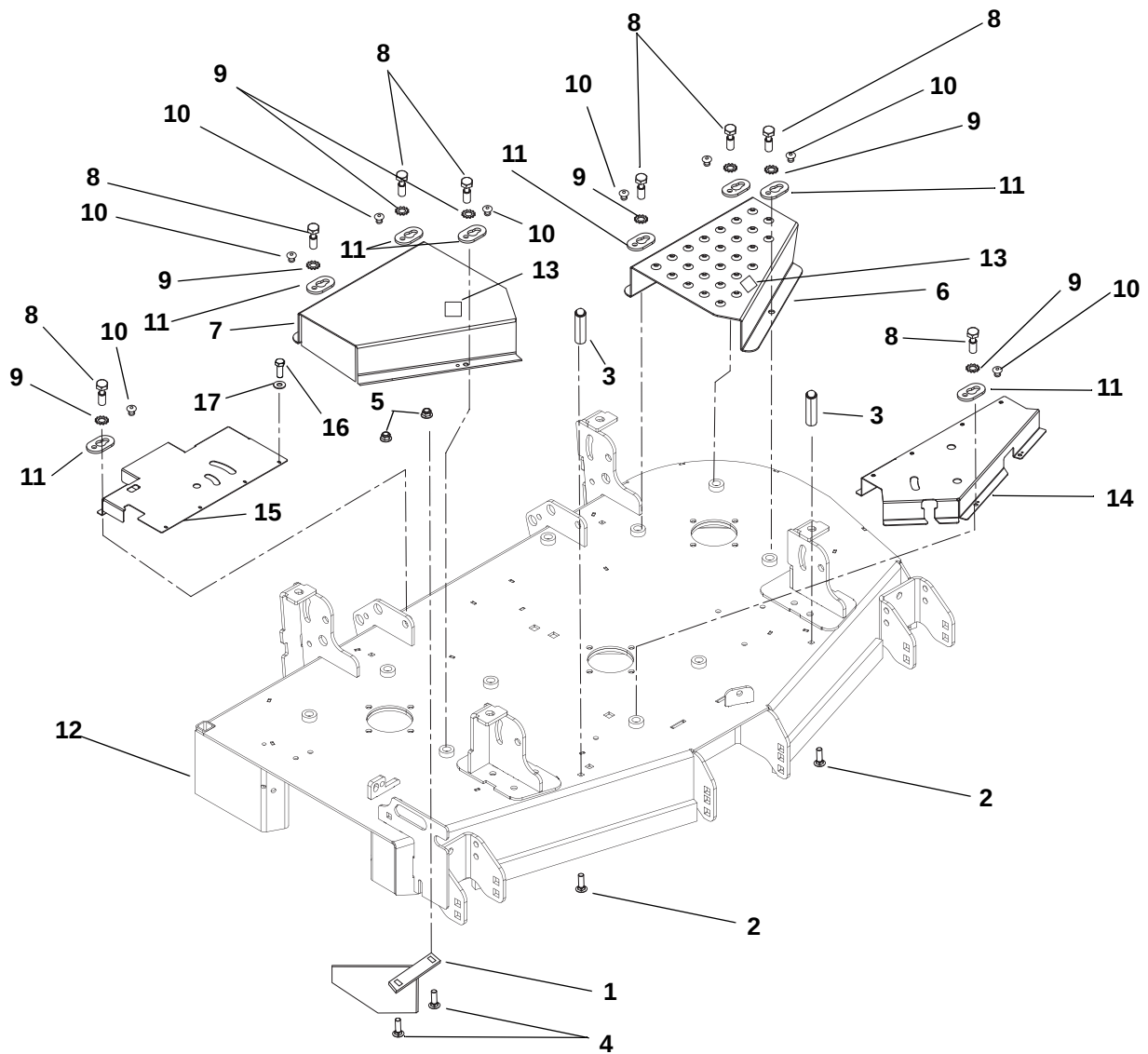
PE100_G_148_deck_wheels

Item	Part No.	Qty	Description
1	06225900	2	Bolt, Round Head Square Neck .50-13 x 5.00 (991300)
	06225900	3	Bolt, Round Head Square Neck .50-13 x 5.00 (991303)
2	00473700	2	Spacer, .510 x .625 x 3.35 (991300)
	00473700	3	Spacer, .510 x .625 x 3.35 (991303)
3	03905900	4	Anti-Scalp Wheel (991300)
	03905900	5	Anti-Scalp Wheel (991303)
4	06500010	3	Nut, .50-13 Nyloc Flange (991300)
	06500010	4	Nut, .50-13 Nyloc Flange (991303)
5	00473800	1	Spacer
6	06206400	1	Bolt, Round Head Square Neck .50-13 x 8.50

NOTES

MOWER DECK & BELT COVERS – REAR DISCHARGE

Model 991300



Belt Covers_G_148

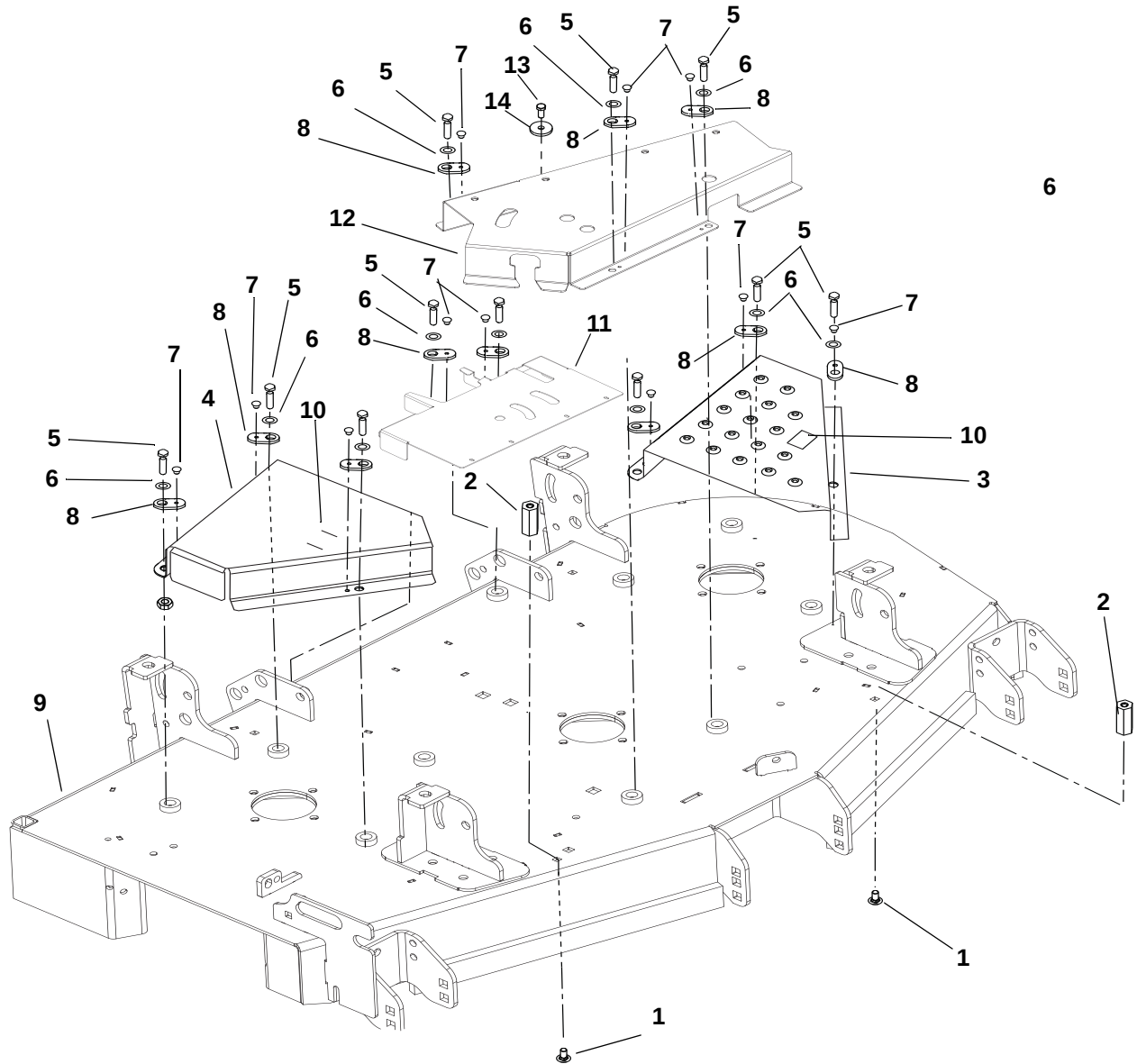
MOWER DECK & BELT COVERS – REAR DISCHARGE

Model 991300

Item	Part No.	Qty	Description
1	00502453	1	Rear Discharge Deflect Baffle Weldment
2	06200002	2	Bolt, Round Head Square Neck .31 - 18 x .75
3	07000027	2	Nut, Coupling .31 - 18 x 3.00
4	06212000	2	Bolt, Round Head Square Neck .38 - 16 x 1.00
5	06545500	2	Nut, Locking-Nylon-Flange .38 - 16
6	04100051	1	Cover, Left Hand Belt, CE
7	04099951	1	Cover, Right Hand CE Belt
8	07001625	11	Bolt, Hex .38-16 x 1.25
9	06308700	11	Washer, Locking, EXT.391 x .682 x .036
10	06800028	11	Rivet, Pop .187
11	04183000	11	Keeper, Bolt
12	04316153	1	Weldment, 48" PT100 RR DISCH Deck
13	05359400	2	Decal, Pinch Point
14	04508051	1	Weldment, Front Belt Shield
15	04498351	1	Shield, Belt Rear
16	05946800	4	Bolt, Hex .25-20 x .75 Grade 5 YZ
17	06437300	4	Washer, Flat Steel .281 x .62 x .065 YZ

MOWER DECK & BELT COVERS – SIDE DISCHARGE

Model 991303



Mower_Deck_Belt_Covers_991303

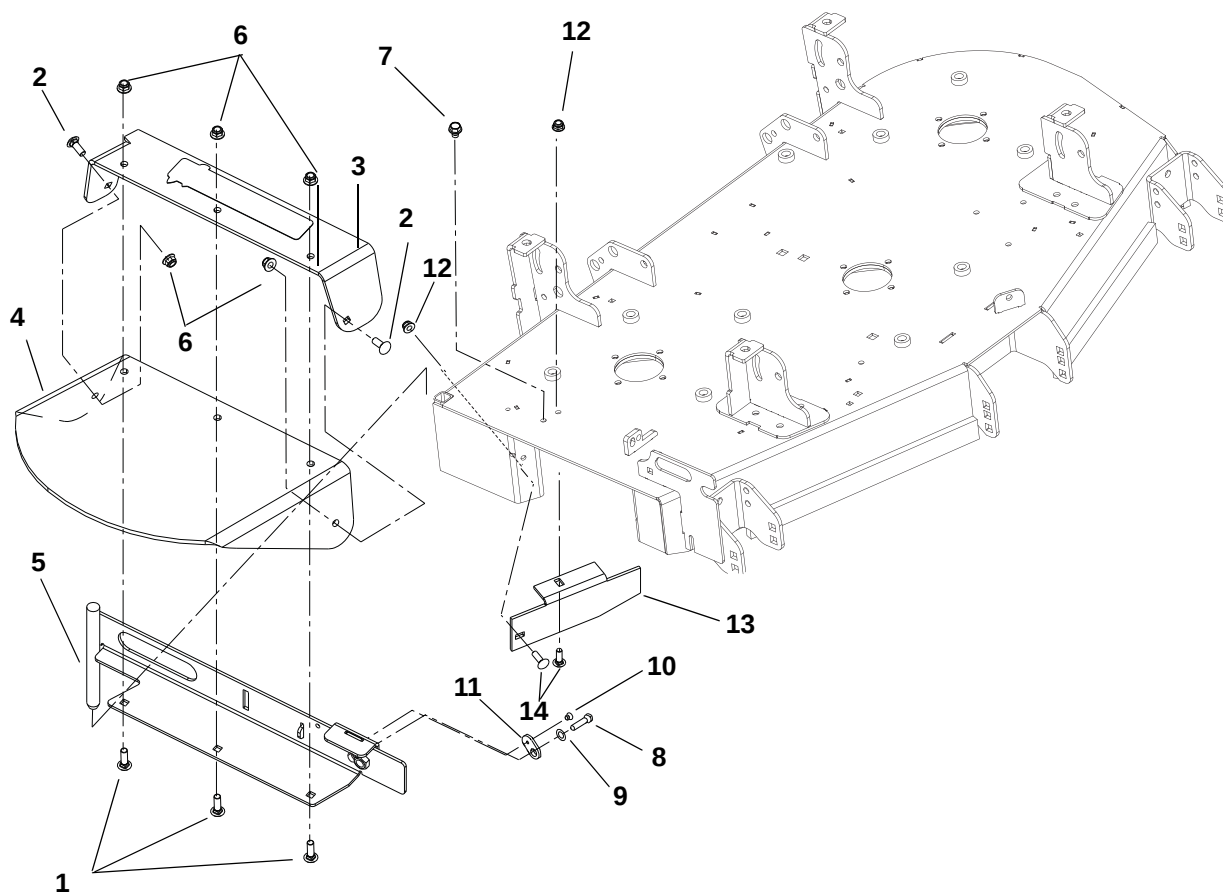
MOWER DECK & BELT COVERS – SIDE DISCHARGE

Model 991303

Item	Part No.	Qty	Description
1	06200002	2	Bolt, Round Head Square Neck .31 - 18 x .75
2	07000027	2	Nut, Coupling .31 - 18 x 3.00
3	04100051	1	Cover, Left Hand Belt, CE
4	04099951	1	Cover, Right Hand CE Belt
5	07001625	11	Bolt, Hex .38-16 x 1.25
6	06308700	11	Washer, Locking, EXT.391 x .682 x .036
7	06800028	11	Rivet, Pop .187
8	04183000	11	Keeper, Bolt
9	04371653	1	Weldment, 48" PT100 Side Dis Deck, CE
10	05359400	2	Decal, Pinch Point
11	04498351	1	Shield, Belt, Rear
12	04508051	1	Shield, Belt, Front
13	05946800	4	Bolt, Hex .25-20 x .75 Grade 5 YZ
14	06437300	4	Washer, Flat Steel .281 x .62 x .065 YZ

DISCHARGE CHUTE AND BAFFLE – SIDE DISCHARGE

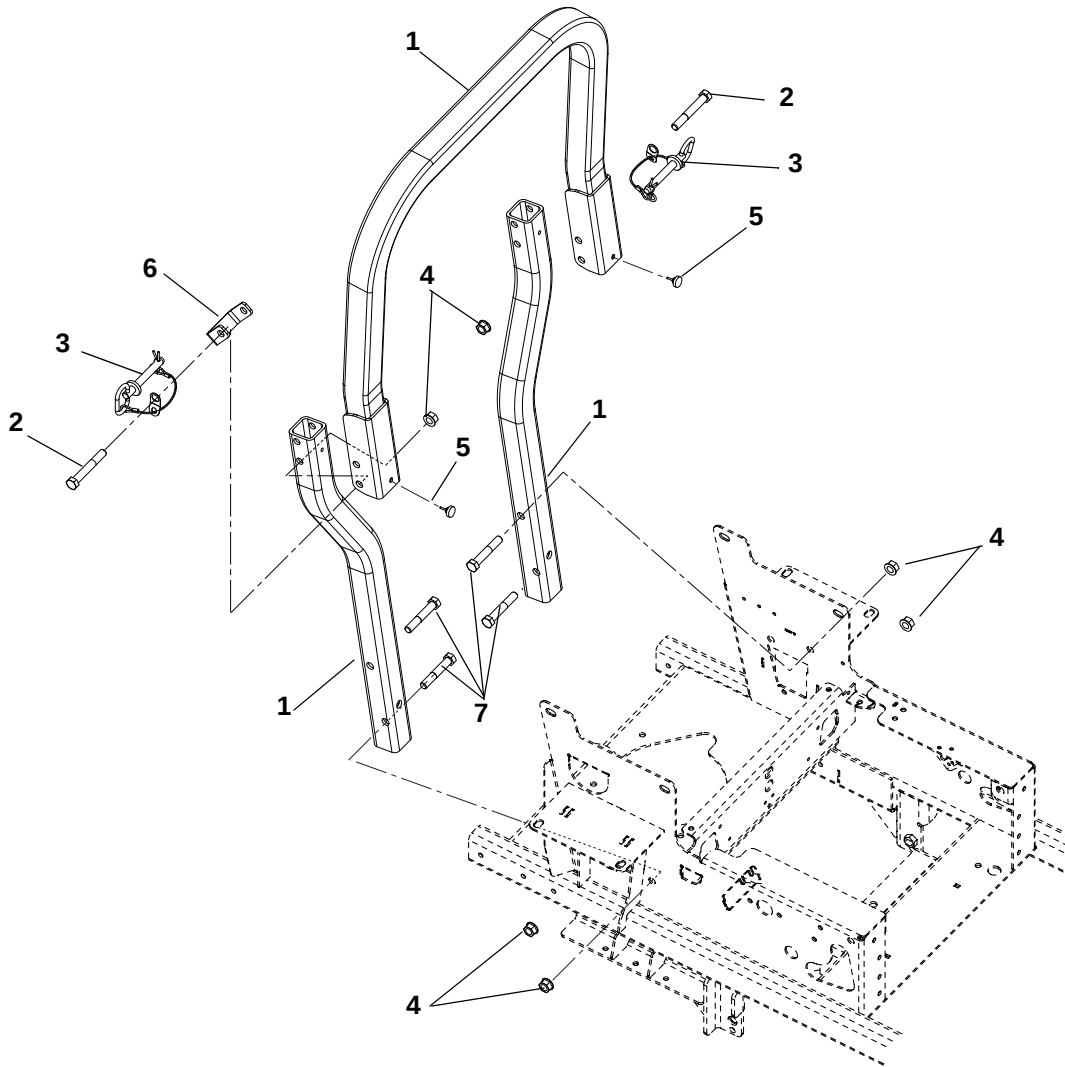
Model 991303



Item	Part No.	Qty	Description
1	06224100	3	Bolt, Round Head Square Neck .38 - 16 x 1.25
2	06223600	2	Bolt, Round Head Square Neck .38 - 16 x 1.00
3	00472353	1	Rubber Discharge Chute Support
4	00377800	1	Chute, Rubber Discharge
5	04365253	1	Weldment, 48" Discharge Chute Mounting, CE
6	06545500	5	Nut, Locking, Nylon, Flange .38 - 16
7	07412900	1	Screw, Self Tapping .38 - 16 x .50
8	07001634	1	Bolt, Hex .38-16 x 1.25
9	06308700	1	Washer, Locking, EXT.391 x .682 x .036
10	06800028	1	Rivet, Pop .187
11	04183000	1	Keeper, Bolt
12	06545400	2	Nut, Locking Nyloc Flange .31 - 18
13	00451653	1	Discharge Baffle
14	06216100	2	Bolt, Round Head Square Neck .31 - 18 x 1.00

ROPS

Model 991300, 303



PE130_G_rops

Item	Part No.	Qty.	Description
1	59101600	1	ROPS, PT100 Replacement
2	05965800	2	Bolt, Hex .50-13 x 3.50
3	04063400	2	Assembly, ROPS Pin/Lanyard
4	06543600	6	Nut, Locking-Top-Flange .50-13
5	04063500	2	Bumper, ROPS Rubber
	00181592	2	Knob, Round .312-18 x .750
6	04063600	1	Bracket, ROPS Stop, Pro-TURN
7	05959900	4	Bolt, Hex .50-13 x 3.00



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