



Parts Manual

Mfg. No: 5901524
F320Z Series w/ 61" iCD Mower Deck
(F320ZKAV3561)



5600860 - Kit, Trailer Hitch (IS3100/IS3200/F320).....	
5600865 - 61" iCD FAST-Vac; 3-Bag Soft Top System (3200/320/ISX3300).....	
5600867 - 61" iCD FAST-Vac; Electric Dump From Seat (3200Z/320/ISX3300).....	
5600907 - 61" iCD FAST-Vac; EZ Dump XL 14 cu. ft. Hopper (3200/320).....	
5600863 - 61" iCD FAST-Vac; 3-Bag Hard Top Grass Collection System (3200/320).....	
5023279 - Flat Free Tire Assembly w/ Tapered Bearings SILVER (13 X 6.5 - 6).....	
5600862 - 61" iCD TURBO-Pro Max; 3-Bag Hard Top Grass Collection System (3200/320).....	
5600864 - 61" iCD TURBO-Pro Max; 3-Bag Soft Top Grass Collection System (IS3200/320/ISX3300).....	
5600866 - 61" iCD TURBO-Pro Max; Electric Dump from Seat Grass Collection System (3200/320/ISX3300)....	
5600910 - 61" iCD TURBO-Pro MAX; EZ Dump XL 14 cu. ft. Hopper (3200/320).....	
5600898 - Mulch Kit for ZTR w/ 61" Deck - S/N: 2015340577 & Above / Walk Behind w/ 61" Deck - S/N:	
5600891 - Roll Bar Mounted LED Headlight Kit.	
5601575 - 61" iCD TURBO-Pro Max; 3-Bag Soft Top Grass Collection System (IS3200/320/ISX3300).....	

Not For
Reproduction

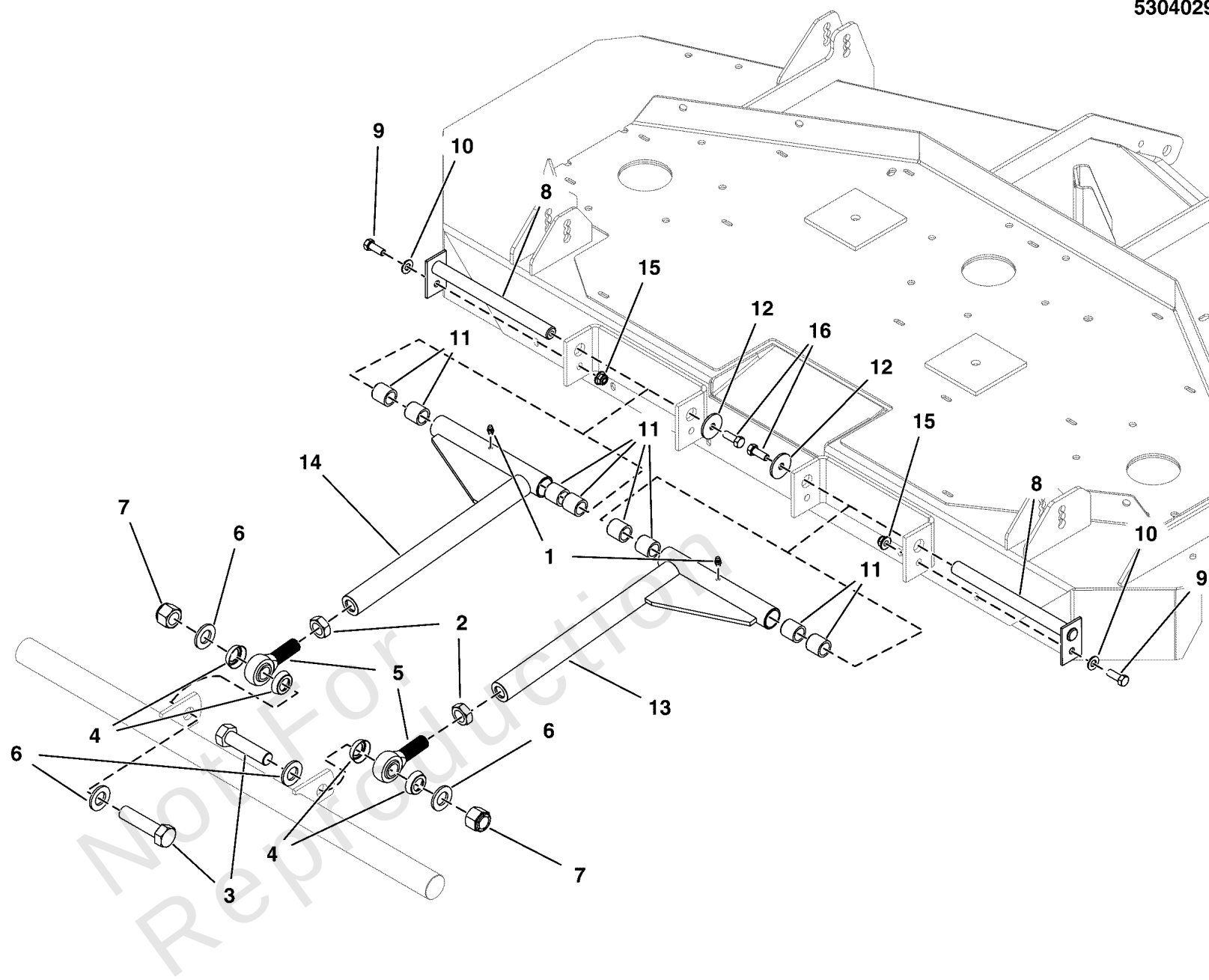
Model Components	Page
61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978507 & Below.	4
61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978508 & Above.	6
61" Mower Deck Group - Housing, Covers, Spindles, & Blades.	8
61" Mower Deck Group - Pulleys, Belt, & Idler Arm.	10
61" Mower Deck Group - Rollers S/N: 2017954955 & Below.	12
Decal Group - Brand & Model.	14
Decal Group - Safety & Operation.	16
Deck Lift Group - Deck Hangers.	18
Deck Lift Group - Rods & Pedal.	20
Electrical Group - Kawasaki.	24
Electrical Schematic - Charging Circuit - Kawasaki FX1000V.	26
Electrical Schematic - Cranking Circuit - Kawasaki FX1000V.	28
Electrical Schematic - Ign. Ground Circuit/Op. Pres - Kawasaki FX1000V.	30
Electrical Schematic - PTO Clutch Circuit - Kawasaki FX1000V.	32
Engine & PTO Group - Kawasaki.	34
Fuel Supply Hose, Tank Replacement Parts, and EVAP Group.	36
Fuel Tank & Mount Group.	38
Hydraulic Group.	40
Instrument Control Panel Group.	42
Main Frame & Caster Group.	44
Motion Control Group.	46
Parking Brake Group.	48
Rear Bumper & ROPS Group.	50
Seat Plate & Floor Group.	52
Spindle Service Parts - 84003242 / 84007984.	54
Transaxle Drive Group.	56
Transaxle SERVICE PARTS - ZT5400.	58
Wheel & Tire Group.	60
Torque Specification Chart.	62

61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978507 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304029



61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978507 & Below

REF NO	PART NO	QTY	DESCRIPTION
1	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
2	5025093	2	NUT, 3/4-16 HEX JAM
3	5025265X24	2	BOLT-3/4-16 X 3 GD8 CZ
4	5022111	4	SEAL, 3/4 ROD END
5	5022039	2	BALL JOINT, 3/4-16, MALE
6	5025160	4	WASHER, 3/4 SAE
7	5025284	2	NUT, 3/4-16 HEX NYLON LOCK
8	5045037A	2	NLA - WELD, DECK MOUNT SHAFT - BLK -(Refer to Note: *)
9	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
10	5025156	2	WASHER, 3/8 SAE
11	5023344	8	BUSHING, .75 X 1.00 X 1.00, PLASTIC
12	5100548	2	WASHER, .390 X 1.50 X .109, CZ
13	-----	1	WELD, PUSHER BAR, IS3200Z, RH - BLK -(Refer to Note: *)
14	-----	1	WELD, PUSHER BAR, IS3200Z, LH - BLK -(Refer to Note: *)
15	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
16	5025443	2	BOLT, 3/8-16 X 3/4, PLT W/PATCH

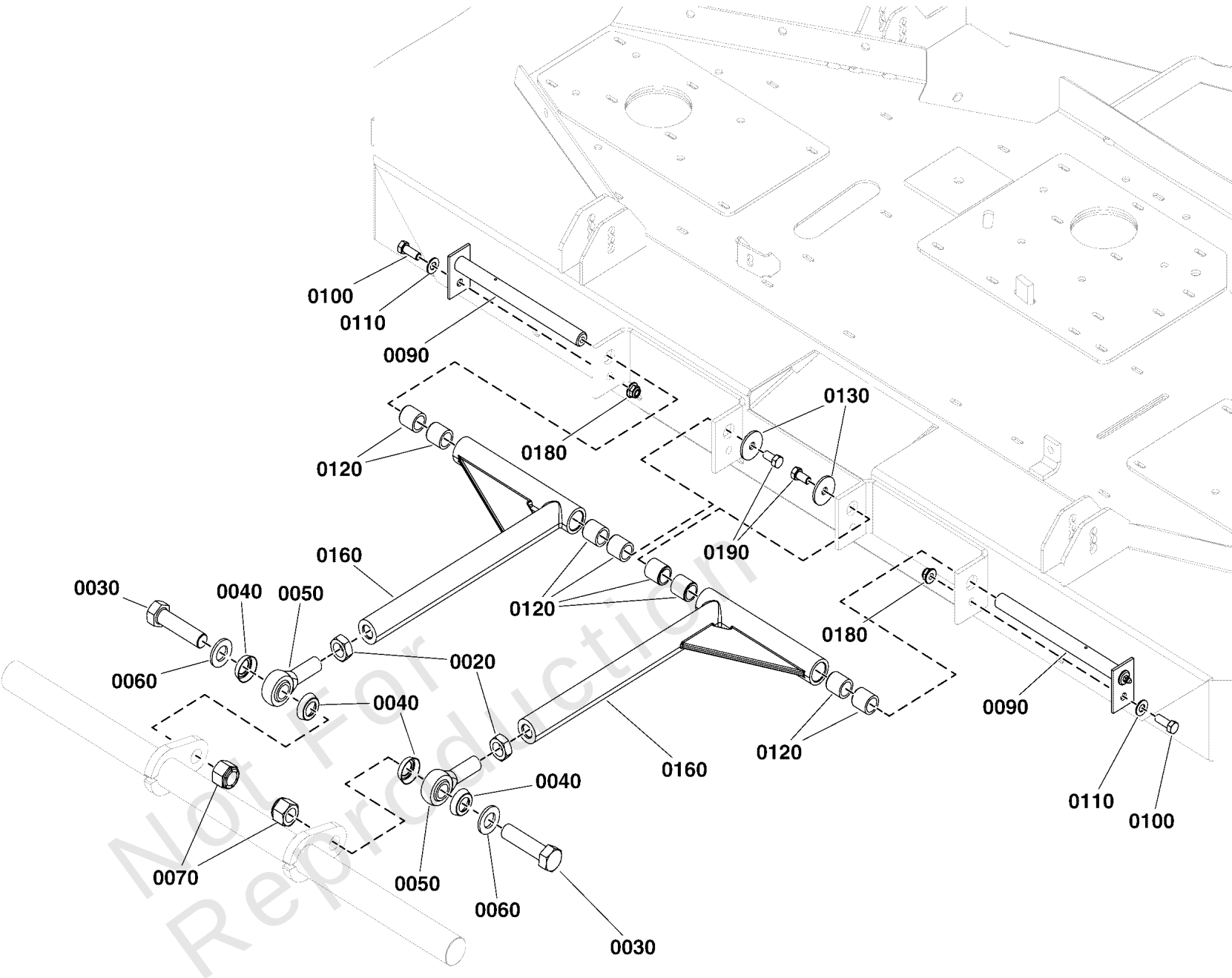
Footnotes:

Note: *If replacing this part order both the pusher bar and pin as shown in the higher serial number range.

61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978508 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524



61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978508 & Above

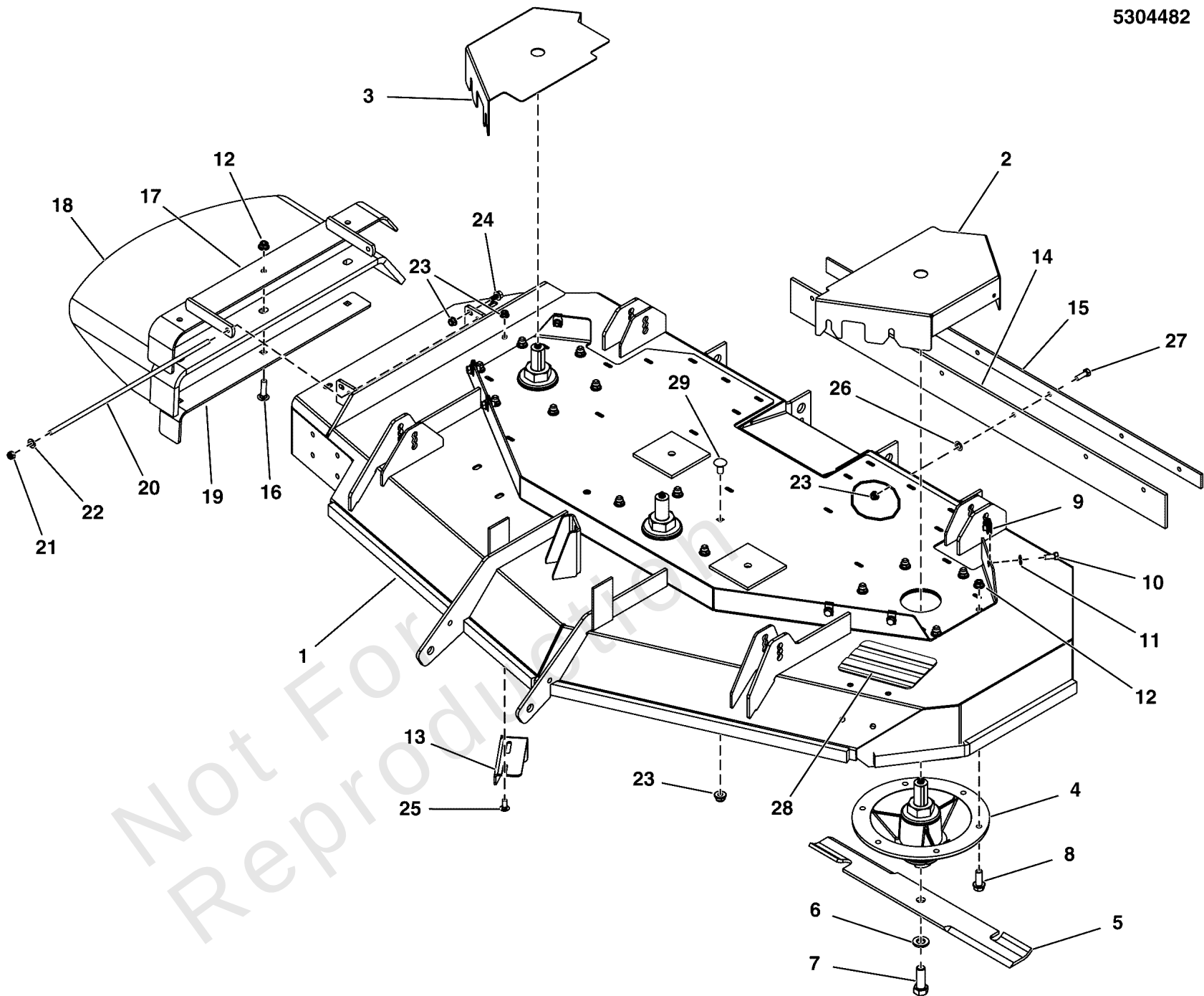
REF NO	PART NO	QTY	DESCRIPTION
0020	5025093	2	NUT, Hex, Jam, 3/4-16
0030	5025265X24	2	BOLT, 3/4-16 X 3" YZ GD5
0040	5022111	4	SEAL, 3/4" ROD END
0050	5022039	2	BALL JOINT, 3/4-16, MALE
0060	5025160	4	WASHER, 3/4 SAE
0070	5025284	2	NUT, Hex, Nylon Lock, 3/4-16
0090	5415240	2	WELD, DECK MOUNT SHAFT
0100	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
0110	5025156	2	WASHER, 3/8 SAE
0120	5023344	8	BUSHING, .75 X 1.00 X 1.00, PLASTIC
0130	5100548	2	WASHER, .390 X 1.50 X .109, YZ
0160	5108820	2	PUSHER BAR - CAST
0180	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0190	5025443	2	BOLT, 3/8-16 X 3/4, PLT W/PATCH

61" Mower Deck Group - Housing, Covers, Spindles, & Blades

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304482



61" Mower Deck Group - Housing, Covers, Spindles, & Blades

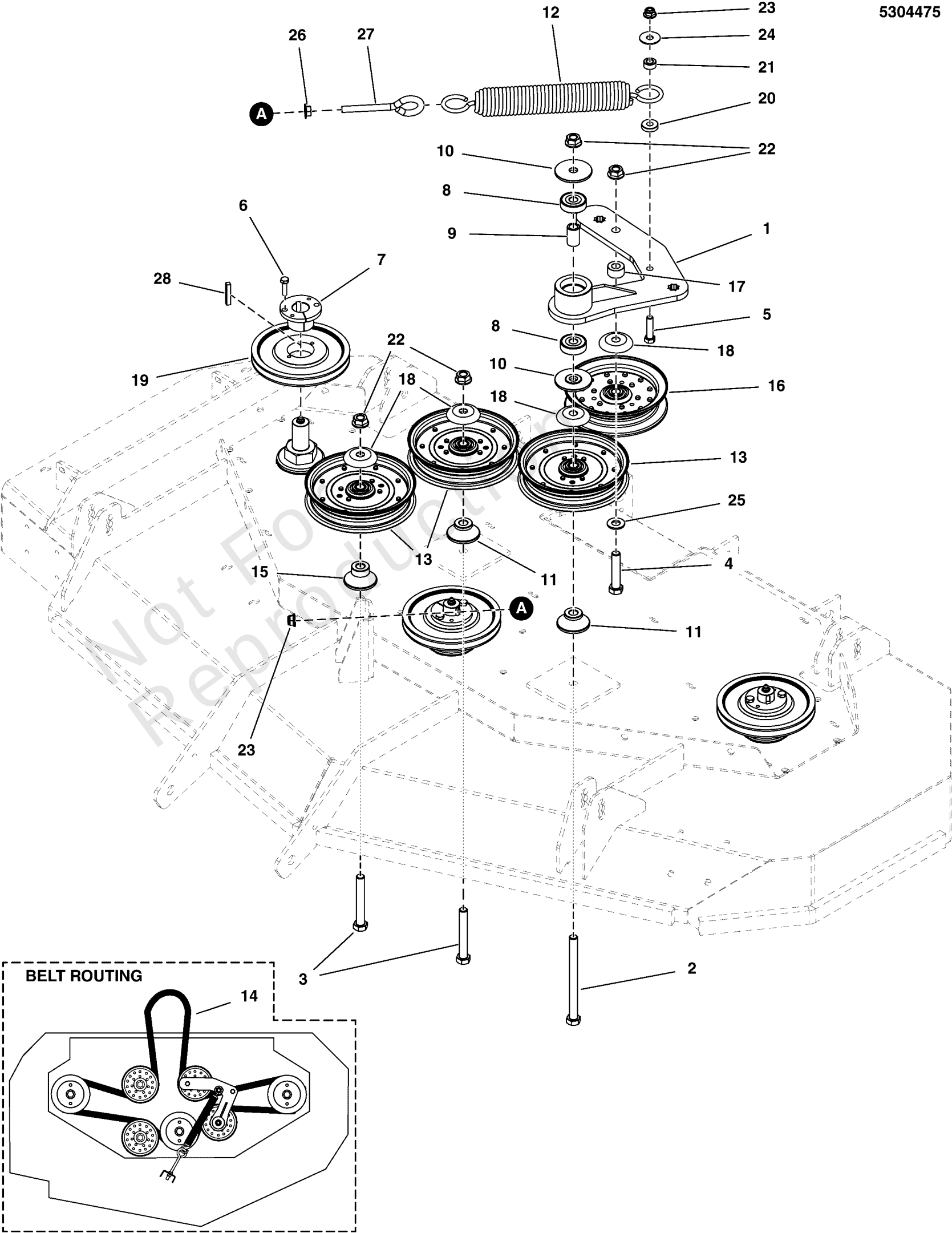
REF NO	PART NO	QTY	DESCRIPTION
1	5600930	1	DECK SHELL W/DECALS,61,F320Z,5414678B
2	5414814B	1	GUARD, MOWER DECK, F320Z, LH - RED
3	5414815B	1	GUARD, MOWER DECK, F320Z-61, RH - RED
4	84007984	3	SPINDLE ASSEMBLY -(S/N: 2017458254 and below)
4	84003242	3	SPINDLE ASSEMBLY -(S/N: 2017458255 and above)
5	5101755S	1	BLADE SET, 61 DECK (3) -(SV) Set of 3 blades)
6	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
7	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8 -(Torque to 70 ft. lbs. (94 Nm)
8	5025390X10	17	BOLT, 3/8-16 X 1-1/4, FLANGE, GD 5, CZ -(Torque to 30 ft. lbs. (41 Nm)
9	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
10	5025011X8	6	BOLT, 5/16-18 X 1 GD5 CZ
11	5025292	6	WASHER, 5/16 F436 FLAT
12	5025394	21	NUT, 3/8-16 HEX NYLOCK FLANGE
13	5401344A	1	PLATE, DEFLECTOR - BLK
14	5102037	1	FLAP, STRIPER, 61 DECK, IS3100 S200X
15	5405322A	1	PLATE, SUPPORT - BLK
16	5025146X12	3	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
17	84008171	1	MOUNT
18	84011105	1	CHUTE, RUBBER DISCHARGE (5104442)
19	5413385A	1	SUPPORT, DISCHARGE CHUTE - BLK
20	5061300	1	ROD, MOUNT, CHUTE 61, CZ
21	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
22	5025155	2	WASHER, 5/16" SAE
23	5025392	9	NUT, 5/16-18 HEX NYLOCK FLANGE
24	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
25	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
26	5025498	2	5/16 PUSH-ON NUT RETAINER, STL, CZ
27	5025011X8	6	BOLT, 5/16-18 X 1 GD5 CZ
28	5101005	1	SAFETY WALK, 9.75 X 6.00
29	80003604	1	BOLT,3/8-16X1 1/4,GR5,CARRIAGE,ZC/CL -(Torque to 30 ft. lbs. (41 Nm)

61" Mower Deck Group - Pulleys, Belt, & Idler Arm

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304475



61" Mower Deck Group - Pulleys, Belt, & Idler Arm

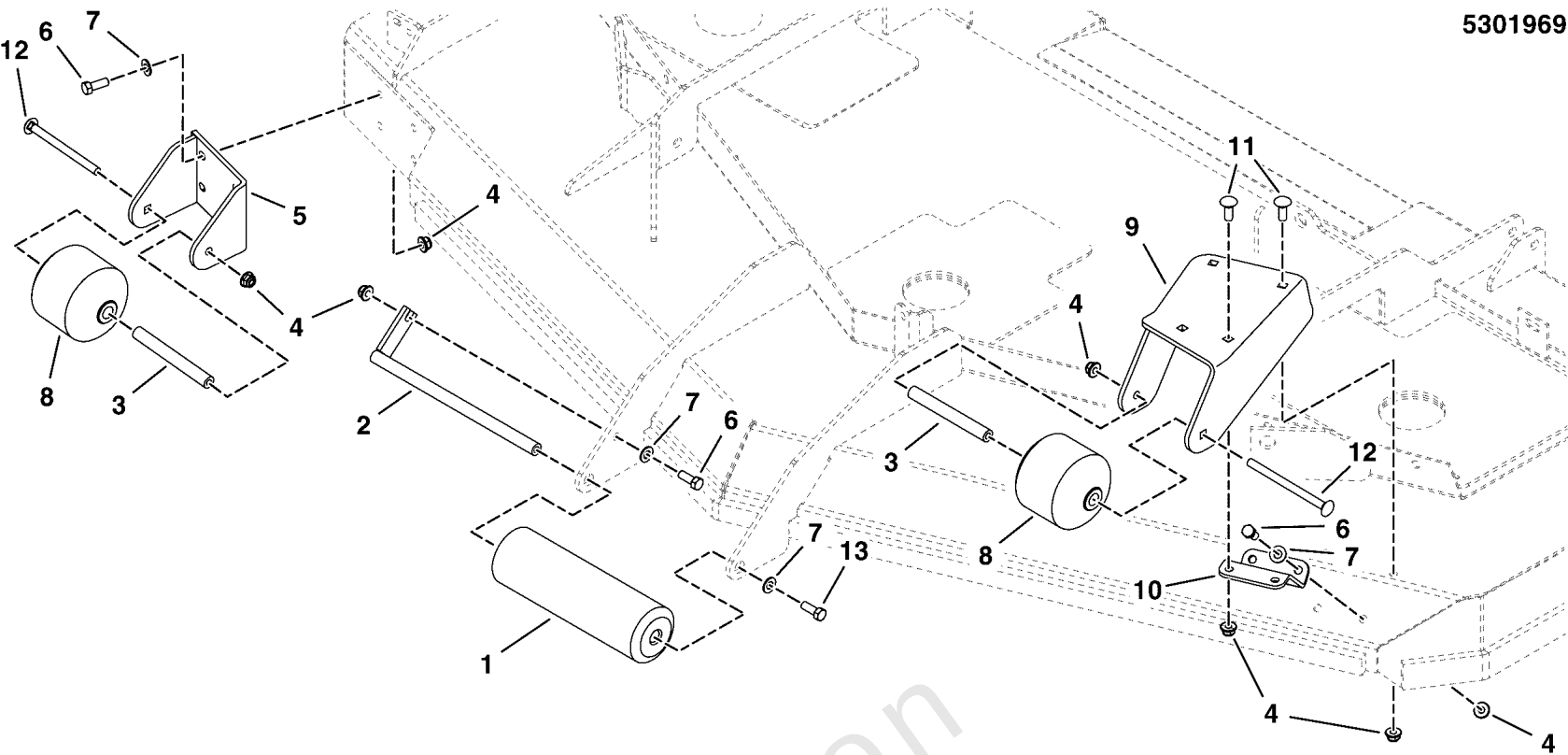
REF NO	PART NO	QTY	DESCRIPTION
1	5412572A	1	WELD, IDLER ARM - BLK
2	5025017X44	1	BOLT, 1/2-13 X 5-1/2 GD5 CZ
3	5025017X24	2	BOLT, 1/2-13 X 3" GD5 CZ
4	5025017X20	1	BOLT, 1/2-13 X 2-1/2" GD5 CZ
5	5025013X12	1	BOLT, 3/8-16 X 1-1/2" GD5 CZ
6	5025010X8	6	BOLT, 1/4-20 X 1" GD5 CZ
7	5020819	3	BUSHING, TAPERED HUB
8	5104383	2	BEARING, 6203-1/2", SEALED
9	5104456	1	SPACER, .51 X .84 X 1.22, PM, CZ
10	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
11	5104342	2	IDLER MOUNT, .88 HIGH
12	5104166	1	SPRING, EXT, 1.5ODX12.25X.234WIRE BLK
13	-----	3	Replace with: Pulley #5104717 & Debris Shield #5105145
14	5103871	1	BELT, 5V, 175.90"EL, LG ARAMID WRPD, RC
15	5103430	1	IDLER MOUNT
16	-----	1	USE 5104716 PULLEY + 5105145 SHIELD
17	5101162	1	SPACER, .52 X 1.00 X .56, PM, CZ
18	5101103	4	SHIELD, PULLEY BEARING, CZ
19	5104406	3	PULLEY, SPLIT STEEL, 6.432"OB, HQ BORE
20	5044960	1	SPACER, .39 X 1.00 X .25, PM, CZ
21	5044933	1	SPACER, .39 X .75 X .38, PM, CZ
22	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
23	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
24	5025165	1	WASHER-3/8 FENDER
25	5025158	1	WASHER, 1/2 SAE
26	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
27	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
28	5022726	3	KEY 1/4 SQ X 1 1/2 LONG

61" Mower Deck Group - Rollers S/N: 2017954955 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5301969



Not For
Reproduction

61" Mower Deck Group - Rollers S/N: 2017954955 & Below

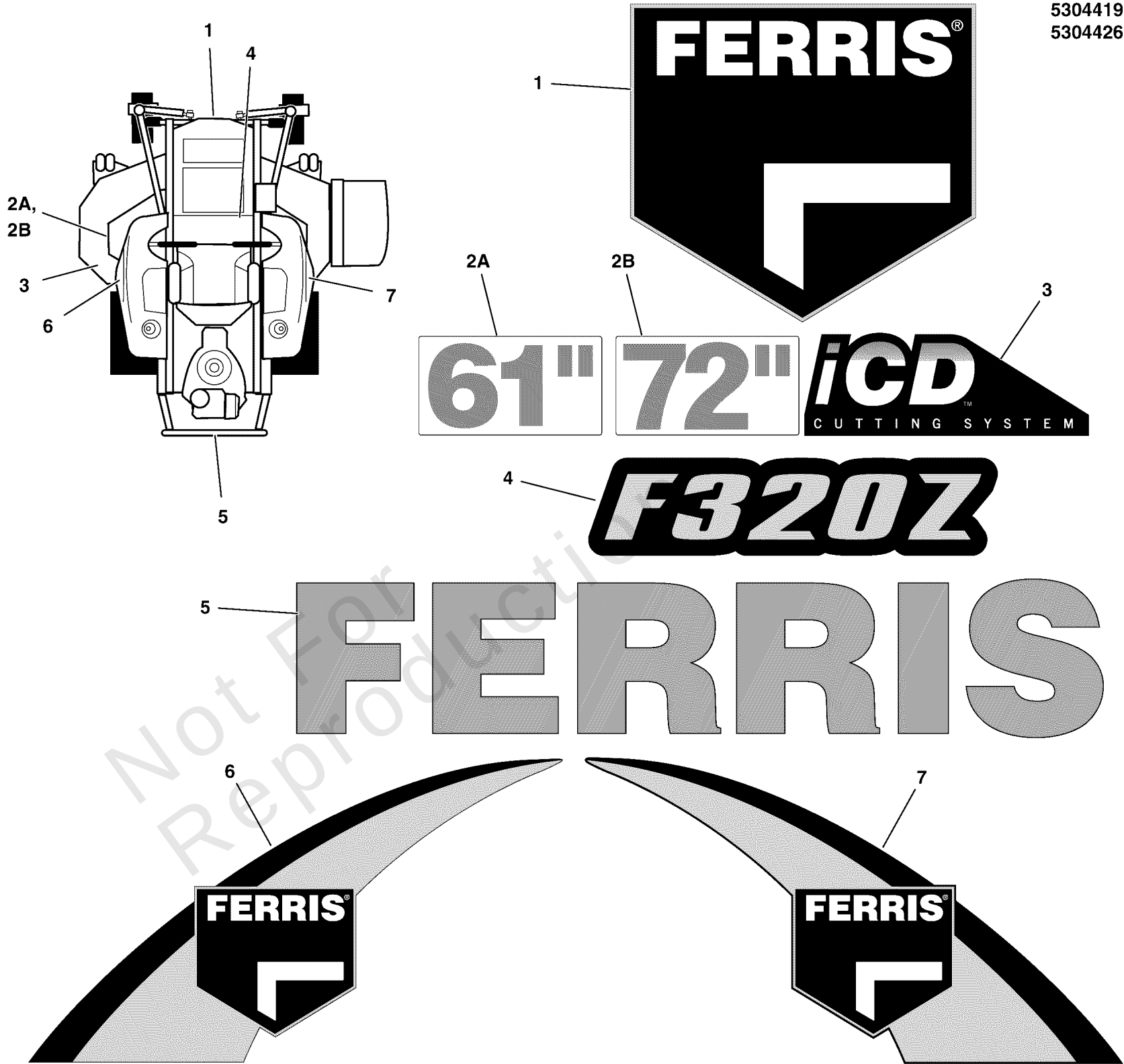
REF NO	PART NO	QTY	DESCRIPTION
1	5020785	1	ROLLER, DECK
2	5041655A	1	USE 5105755 - WELD, BRKT,ROLLER PIN,BLK
3	5101971	2	SPACER, .38 X .63 X 4.31
4	5025394	13	NUT, 3/8-16 HEX NYLOCK FLANGE
5	5409705B	1	PLATE, BRACKET, ANTI-SCALP - RED
6	5025013X8	7	BOLT, 3/8-16 X 1" GD5 CZ
7	5025156	8	WASHER, 3/8 SAE
8	5022060	2	ROLLER, SMALL
9	5407765B	1	WELD, ANTI-SCALP BRACKET - RED
10	5407764B	1	PLATE, ANTI-SCALP SUPPORT - RED
11	80004566	4	BOLT,3/8-16X1.00,RD SH SQ NK,GR 5,ZC/CL
12	5025146X44	2	BOLT, 3/8-16 X 5-1/2, CARRIAGE, GD5, CZ
13	5025013X10	1	BOLT, 3/8-16 X 1-1/4" GD5 CZ

Decal Group - Brand & Model

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304419
5304426



Decal Group - Brand & Model

REF NO	PART NO	QTY	DESCRIPTION
1	5104756FS	2	DECAL, BRAND -(Refer to Note: *)
2A	5022813	1	DECAL, 61 -(61" Models)
2B	5022814	1	DECAL, 72 -(72" Models)
3	5102210	1	DECAL, iCD CUTTING SYSTEM
4	5104779	1	DECAL, MODEL, F320Z
5	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
6	5108857FS	1	DECAL, Model, Left Hand -(Refer to Note: *)
7	5108858FS	1	DECAL, MODEL, RIGHT HAND -(Refer to Note: *)

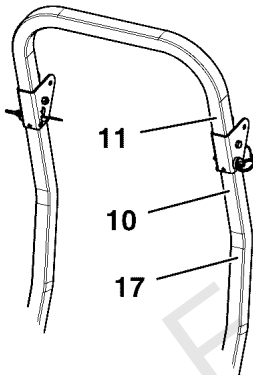
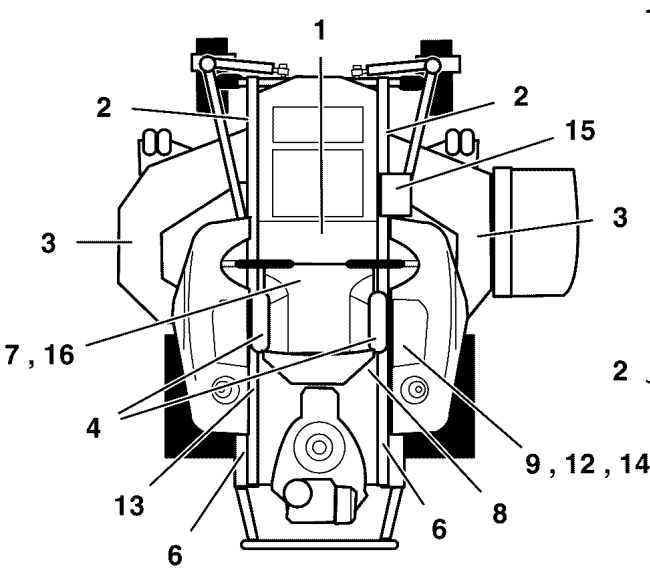
Not For
Reproduction

Footnotes:

Note: *Replacement Tank Badge Decals are visually different it is recommended that you replace both at the same time.

Note: *One decal installed on headrest bracket.

5304483
5304509



WARNING

Avoid serious injury or death

- Read operator's manual before using this product.
- Do NOT operate this machine unless you are trained.
- Know the location and function of all controls.
- Keep safety devices (guards, shields, switches, etc.) in place and working.
- Remove objects that could be thrown by the blade.
- Be sure blades and engine are stopped before placing hands or feet near blades.
- When leaving machine, shut off, remove key and set parking brake.

Fire Hazard

Gasoline is flammable. Debris is combustible.

- Allow engine to cool for at least 3 minutes before refueling.
- Keep unit cleaned of debris.
- This equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. Contact local fire agencies for regulations relating to fire prevention requirements.

DANGER

Amputation hazard

Rotating blades cut off arms and legs.

- Stop the mower when children or others are near.
- Do not carry riders (especially children) even with the blades off. They may fall off or return for another ride when you are not expecting it.
- Look down, behind and to the side before changing directions.

Loss of control and roll-over hazard

Operating on slopes can be hazardous and cause loss of control and roll-overs.

- Avoid sudden turns or rapid speed changes.
- Reduce speed and use extreme caution on slopes.
- Go across slopes, NOT up and down.
- Do not operate on slopes over 15 degrees.
- If machine stops forward motion on a slope, stop the blades and drive slowly off the slope.

15° Max.

Water, retaining walls and drop-off hazards

Wheels dropping over edges may result in serious injury, death or drowning.

- Do NOT operate near water, retaining walls or drop-offs.
- Give yourself a minimum of two mower widths of clearance around these hazards.

Wet or soft slope hazard

Wet or soft slopes can cause sliding and loss of control.

- Do NOT operate on slopes when grass is wet.
- Do NOT operate on slopes when soil is soft (such as after heavy rains).

WARNING

PINCH POINT

To avoid injury from loaded spring, read operator's manual before removing spring.

DANGER

Amputation and thrown objects hazard

- Keep hands and feet away from deck.
- Do not operate mower unless discharge chute or entire grass catcher is in its proper place.

WARNING

Amputation and Pinch Point Hazard

To avoid injury from rotating parts, stay clear of parts and keep all shields and guards in place.

The operator's manual is available in Spanish. La manual del operador está disponible en Español.

WARNING

Avoid serious injury or death from rollover.

Do not operate without the rollbar installed and operational.

Ignition System (Gasoline Models)

This spark ignition system complies with Canadian standard ICES-002

ACN 006 576 656

HYDRAULIC OIL RESERVOIR

USE SAE 20W-50 MOTOR OIL



WARNING

AVOID SERIOUS INJURY OR DEATH FROM ROLL OVER:

Keep roll bar in the raised position and use seat belt.

THERE IS NO ROLL OVER PROTECTION WHEN THE ROLL BAR IS DOWN

Lower the roll bar only when necessary and NEVER remove it.

Do NOT use seat belt when the roll bar is down.

Raise the roll bar as soon as clearance permits.

Do NOT jump off if mower tips.

Read and follow all operating instructions and warnings in the operator's manual.

WARNING

LOW OVERHANGING OBSTACLES HAZARD

Check for overhead clearances before driving under any objects. Do NOT allow roll bar to contact low overhanging obstacles, such as tree branches and guide wires.

	PTO	Auxiliary	Spare
	15A	15A	20A
	15A	15A	20A

Belts & Blades	
Tractor	
Pump Drive Belt	5102013
61" Mower	
Deck Drive Belt	5103871
Mower Blade (Set)	5101755S
72" Mower	
Deck Drive Belt	5104059
Mower Blade (Set)	5102227S

Roll Over Protective Structure (ROPS) Dimensions

INCHES () = CM

5" (12.7)

3/4" (1.90)

1/2" (1.27)

1/4" (.64)

4" (10.2)

3" (7.6)

2" (5.1)

1" (2.5)

CAUTION

ROLL OVER PROTECTIVE STRUCTURE

To maintain operator protection and roll bar certification:

Replace a damaged roll bar, do NOT attempt to repair or modify.

Any alteration of the roll bar must be approved by the manufacturer.

DO NOT exceed the machine weight rating of the roll bar.

Decal Group - Safety & Operation

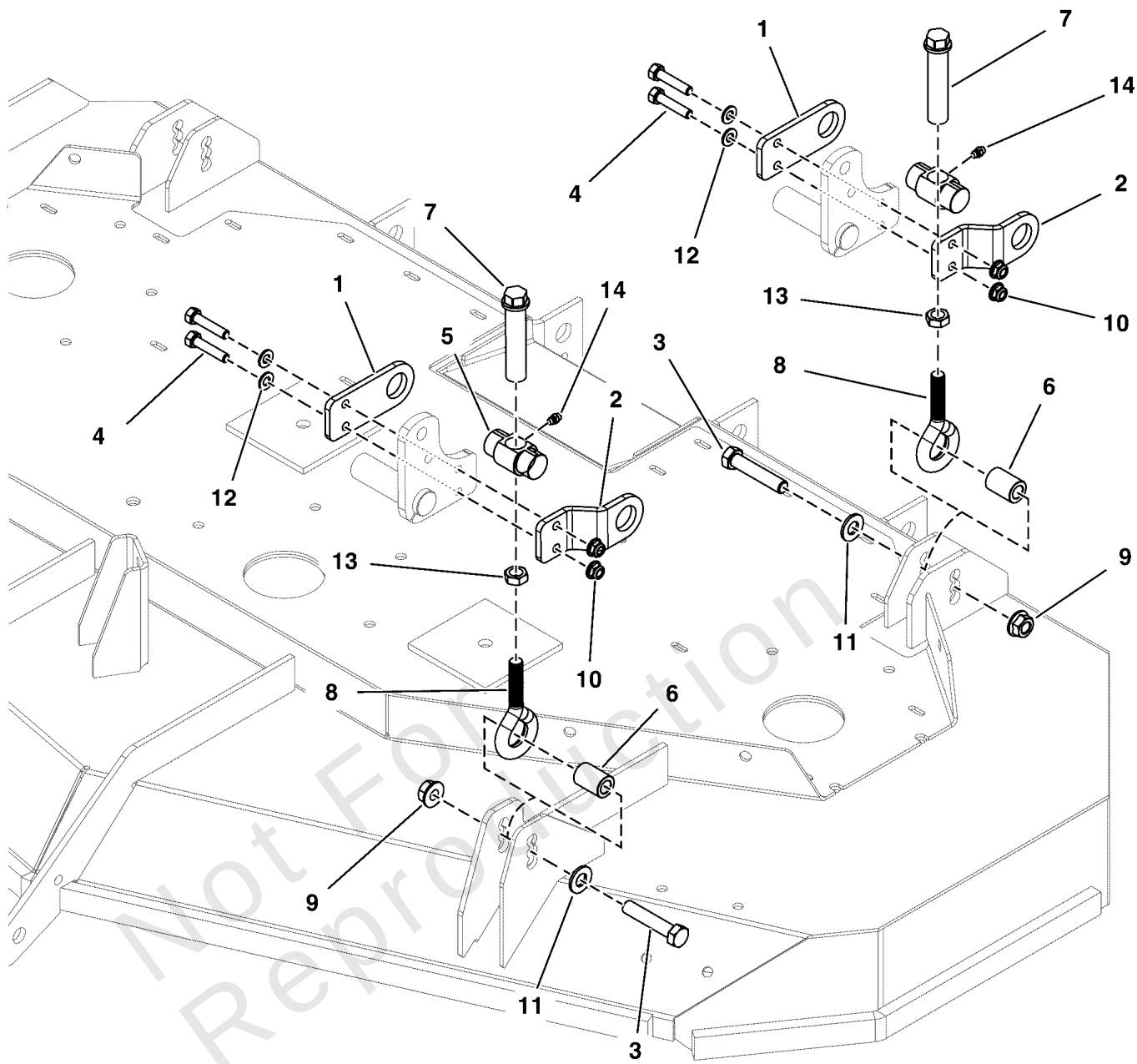
REF NO	PART NO	QTY	DESCRIPTION
1	5103595	1	DECAL, MAIN SAFETY
2	5061245	2	DECAL, Pinch Point
3	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
4	5103184	2	DECAL, WARNING, HAND IN BELT, ENG ONLY
5	5103619	1	DECAL, MANUAL AVAILABLE IN SPANISH
6	5100683	2	DECAL, Warning, ROLL BAR
7	5102090	1	DECAL, TRANSAXLE RELEASE, S200XT
8	5100342	1	DECAL, FUEL VALVE
9	5100280	1	DECAL, Throttle Control
10	5104082	1	DECAL, WARNING, FOLDING ROLL BAR -(SV)
11	5100405	1	DECAL, WARNING OVERHANG, ROPS (SV) -(SV)
12	5048970	1	DECAL, IGNITION CONTROL
13	5100957	1	DECAL, HYDRAULIC OIL, SAE 20W50
14	5104043	1	DECAL, FUSE LOCATION, 20-15-15-20
15	5061724	1	DECAL, DECK HEIGHT, IS1500ZX
16	5104949	1	DECAL, BELT AND BLADE, F320, 61 & 72 -(Production 61 use 5104832)
17	5104083	1	DECAL, CAUTION, FOLDING ROLL BAR -(SV)

Deck Lift Group - Deck Hangers

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304416A
5304501A



Deck Lift Group - Deck Hangers

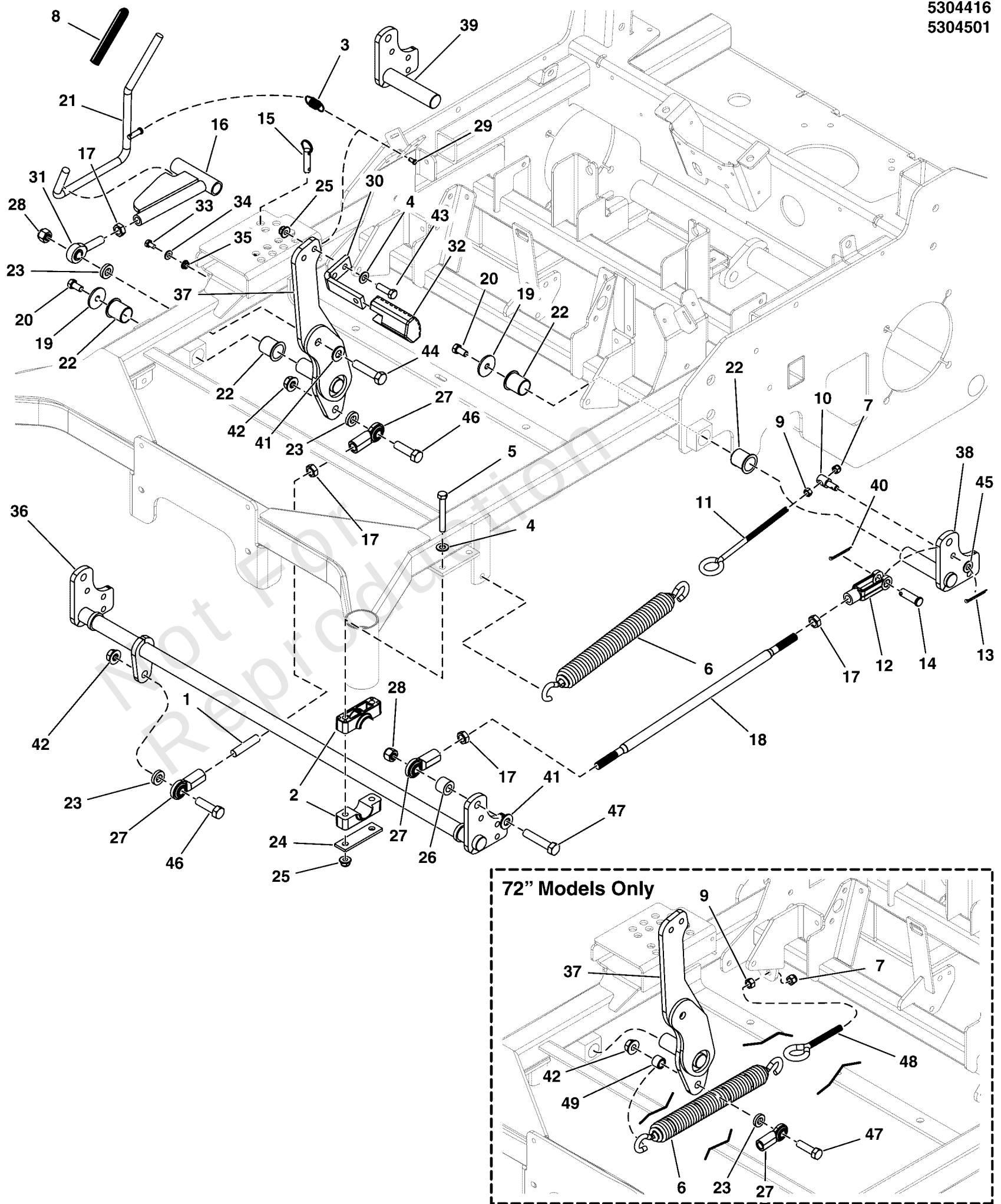
REF NO	PART NO	QTY	DESCRIPTION
1	5413900A	4	BRACKET, INNER TRUNION MNT - BLK
2	5413899A	4	BRACKET, OUTER TRUNION MNT - BLK
3	5025017X20	4	BOLT, 1/2-13 X 2-1/2" GD5 CZ
4	5025013X12	8	BOLT, 3/8-16 X 1-1/2" GD5 CZ
5	5104238	4	PIVOT, DECK LIFT TRUNION, GREASABLE
6	5103054	4	SPACER, .52 X .87 X 1.25, CZ
7	5109915FS	4	ADJUSTER, HEIGHT
8	5025579	4	EYE BOLT, 1/2-20 X 4.25,1.88THRD,1EYE,CZ
9	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
10	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
11	5025158	4	WASHER, 1/2 SAE
12	5025156	8	WASHER, 3/8 SAE
13	5025089	4	NUT, 1/2-20 HEX JAM
14	5020095	4	GREASE FITTING, 1/4-28 STRAIGHT

Deck Lift Group - Rods & Pedal

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304416
5304501



Deck Lift Group - Rods & Pedal

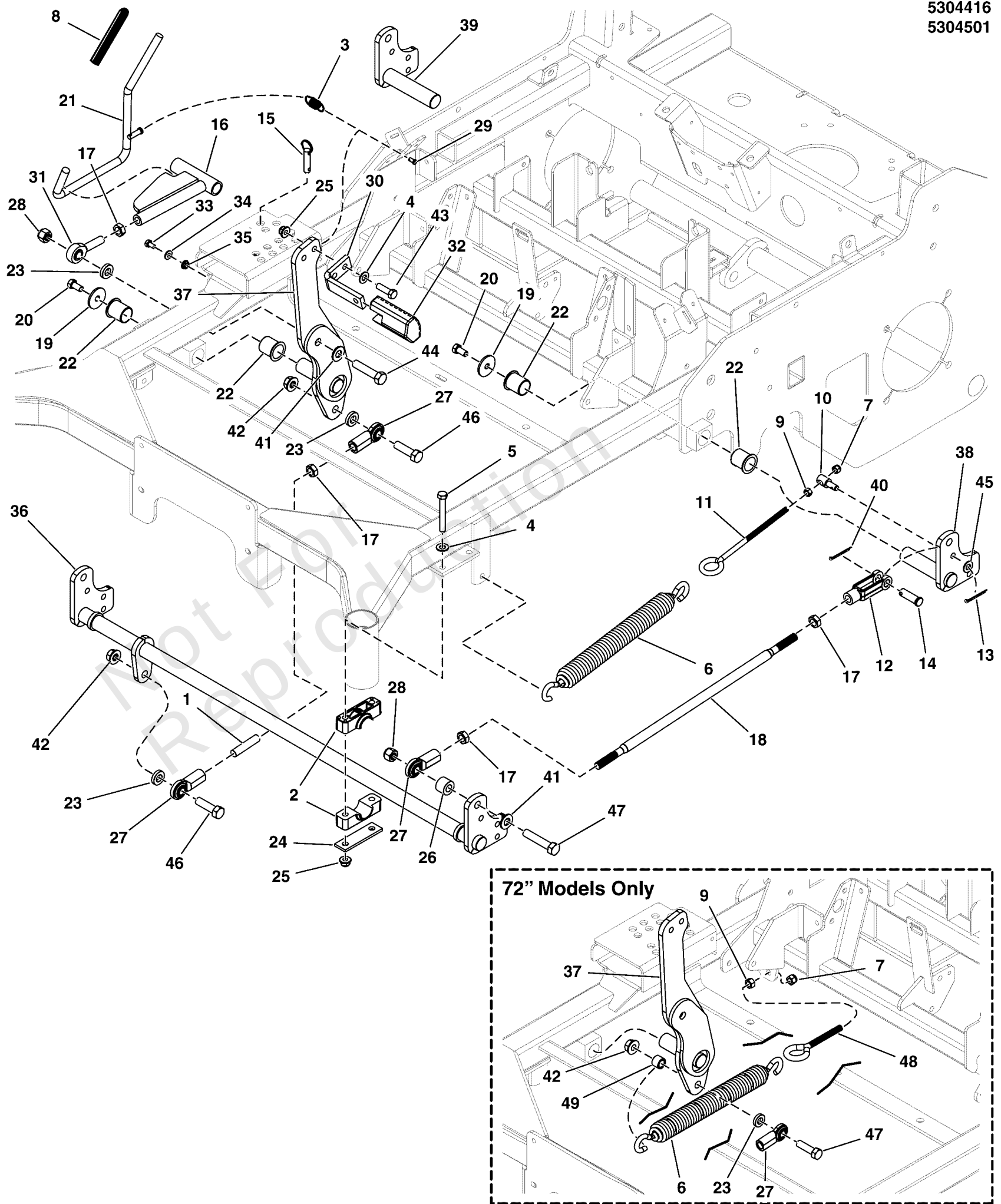
REF NO	PART NO	QTY	DESCRIPTION
1	5104663	1	ROD, THREADED, 1/2-20 X 2.25
2	5100634	4	PIVOT BLOCK, PLASTIC
3	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
4	5025156	8	WASHER, 3/8 SAE
5	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ
6	5023392	2	SPRING-EXT, 1.393 ODX13.25LGX.218WR, BLK -(Qty: 3 - 72" Models)
7	5025096	2	NUT, 3/8-16 HEX NYLON LOCK -(Qty: 3 - 72" Models)
8	5021880	1	GRIP, FOAM, .475 X 4.35 X .095
9	5025034	2	NUT, 3/8-16 HEX -(Qty: 3 - 72" Models)
10	5100380	2	ADJUSTER, DECK HANGER
11	5021811	2	EYE BOLT, 3/8-16 X 8, 3THRD, 1EYE, CZ
12	5023174	2	CLEVIS, 1/2-20, STEEL, CLEAR ZINC
13	5025203X6	2	PIN, COTTER, 1/8 X 3/4
14	5025479	2	PIN, CLEVIS, 1/2 X 1-23/64, PLATED
15	5023498	1	PIN, HITCH, 1/2 X 2.00 OAL, CZ
16	5402757B	1	WELD, DECK ADJUST LINK - RED
17	5025089	6	NUT, 1/2-20 HEX JAM
18	5103758	2	ROD, DECK LIFT, 19.25, CZ
19	5100548	3	WASHER, .390 X 1.50 X .109, CZ
20	5025443	3	BOLT, 3/8-16 X 3/4, PLT W/PATCH
21	5414816A	1	WELD, ROD DECK LIFT, F320Z - BLK
22	5023343	6	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
23	5100520	3	SPACER, .52 X 1.00 X .22, PM, CZ
24	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
25	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
26	5045178	2	SPACER, .52 X 1.00 X .75, CZ
27	1702779	4	JOINT-BALL .500-20 THD .500ID, CLR ZINC
28	5025056	3	NUT, 1/2-13 HEX NYLON LOCK
29	5025212X4	1	PIN, CLEVIS, 1/4 X 1/2, PLATED
30	5061569A	1	PEDAL, FOOT - BLK
31	5022434	1	BALL JOINT, 1/2-20, MALE
32	5104262	1	PEDAL, Rubber
33	-----	2	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
34	5025154	2	WASHER, 1/4 SAE
35	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
36	5414703B	1	WELD, DECK LIFT SHAFT, F320-61" - RED
37	5414753B	1	WELD, DECK LIFT PEDAL, F320Z - RED
38	84011170	1	LEVER, Lift
39	5414684B	1	WELD, DECK LIFT LEVER, F320Z, RH - RED
40	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4
41	5025158	4	WASHER, 1/2 SAE
42	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
43	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
44	5025017X18	1	BOLT, 1/2-13 X 2-1/4" GD5 CZ
45	5025293	2	WASHER, 3/8 GD.9 FLAT
46	5025017X16	2	BOLT, 1/2-13 X 2" GD5 CZ -(Qty: 1 - 72" Models)
47	5025017X20	2	BOLT, 1/2-13 X 2-1/2" GD5 CZ -(Qty: 3 - 72" Models)
48	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ -(72" Models Only)

Deck Lift Group - Rods & Pedal

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304416
5304501

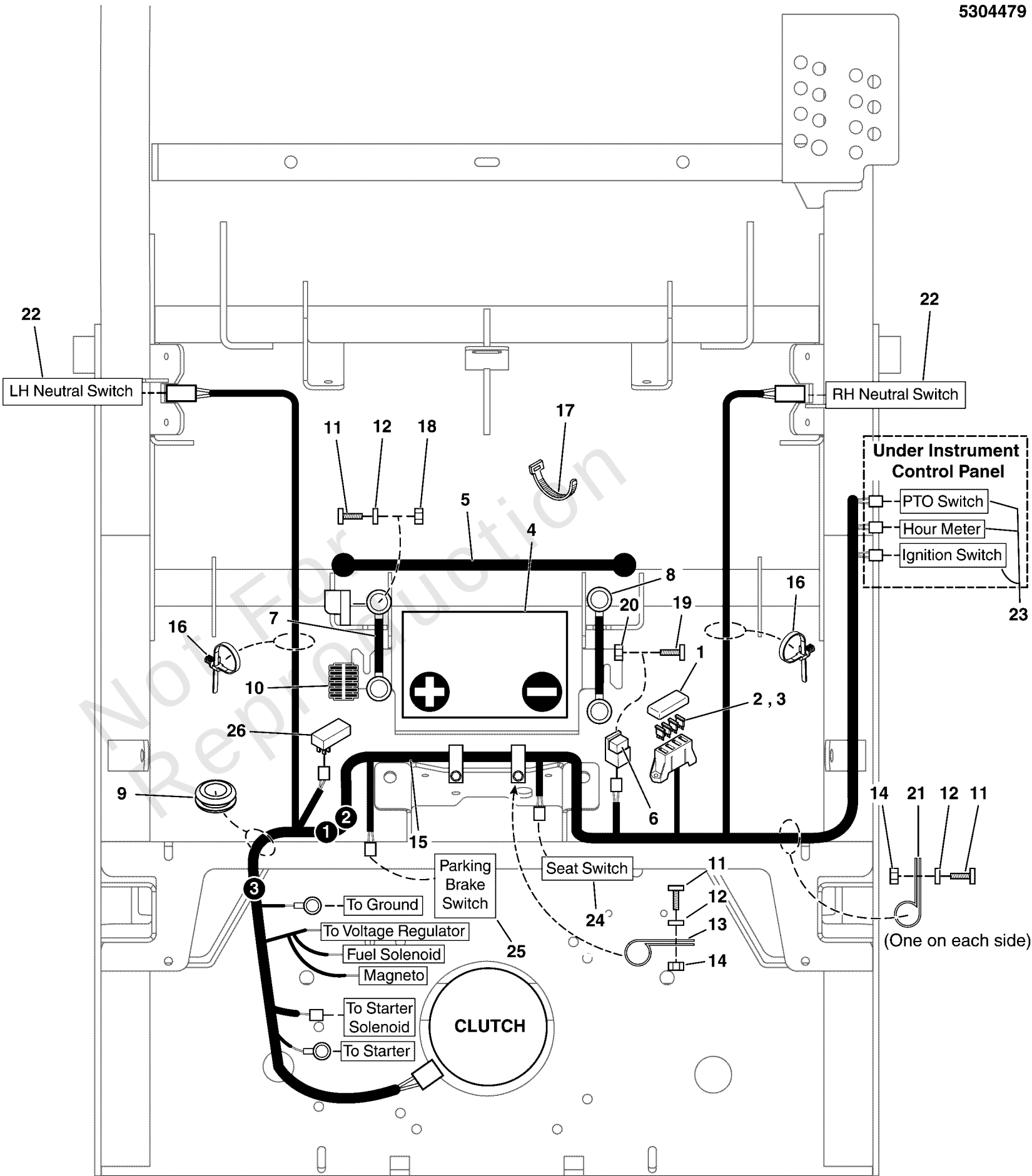


Deck Lift Group - Rods & Pedal

REF NO	PART NO	QTY	DESCRIPTION
49	5047027	1	SPACER, .51 X .75 X .56, PM, CZ -(72" Models Only)

Not For Reproduction

5304479



Electrical Group - Kawasaki

REF NO	PART NO	QTY	DESCRIPTION
1	5022805	1	COVER, VINYL FUSEBLOCK
2	5101935	2	FUSE, ATO-15 (15 AMP) -(SV)
3	5021603	2	FUSE, ATO-20 (20 AMP) -(SV)
4	-----	1	BATTERY, 11U1L, 350 CCA
5	1722009	1	STRAP-BLACK RUBB
6	5021766	1	RELAY, 12V, 40A
7	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
8	5021406	1	BATTERY CABLE, NEG, 22, 1/4-5/16
9	5100716	1	GROMMET, 2" ID
10	5050927X17	1	WIRE LOOM, 3/8 ID X 17 IN
11	5025010X6	6	BOLT, 1/4-20 X 3/4 GD5 CZ
12	5025154	6	WASHER, 1/4 SAE
13	5021500	5	CLAMP, VINYL INSULATED, 1.00
14	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
15	5414897	1	WIRE HARNESS, 35HP KAV, F320Z
16	5021199	2	TIE, SELF-LOCKING, 8", PUSH MOUNT
17	5021029	4	TIE, SELF-LOCKING, 12"
18	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
19	5025179X6	11	SCREW, #10-24 X 3/4 ROUND PHILLIPS
20	5025271	11	NUT, #10-24 HEX NYLON LOCK
21	5101932	1	CLAMP, VINYL INSULATED, .625
22	5021451	2	SWITCH, PLUNGER, N.O., BOLT-ON
23	-----	--	CONTROL SWITCHES (SEE INSTRUMENT CONTROL PANEL GROUP)
24	5021769	1	SWITCH, PLUNGER, N.C.
25	7022886	1	SWITCH, DP NO/NC SNAP-IN
26	5023310	1	MODULE, TIME DELAY

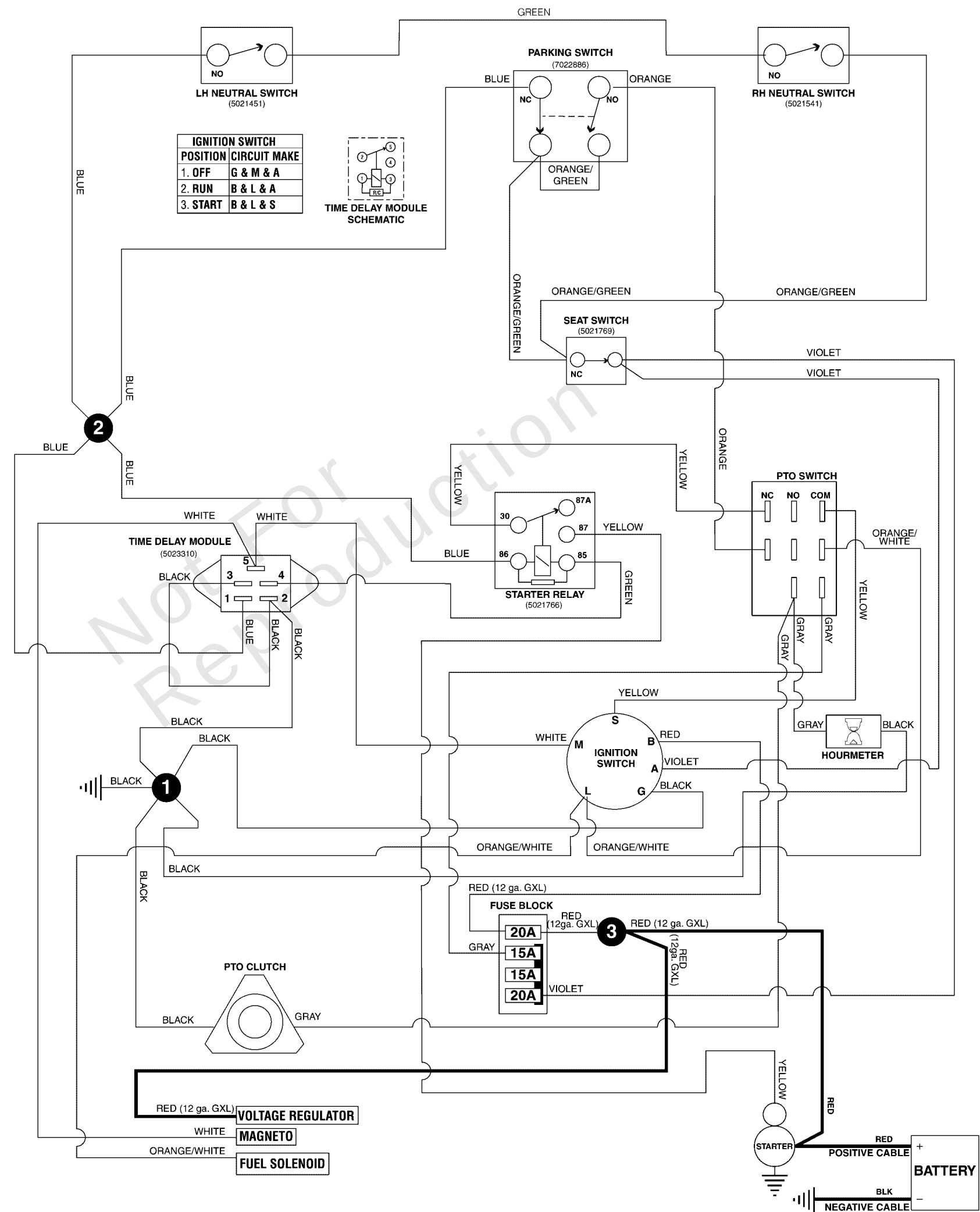
Electrical Schematic - Charging Circuit - Kawasaki FX1000V

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5414897 / F320Z MAIN WIRE HARNESS - KAWASAKI FX1000V ENGINE

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



Electrical Schematic - Charging Circuit - Kawasaki FX1000V

REF NO	PART NO	QTY	DESCRIPTION
--------	---------	-----	-------------

Not For Reproduction

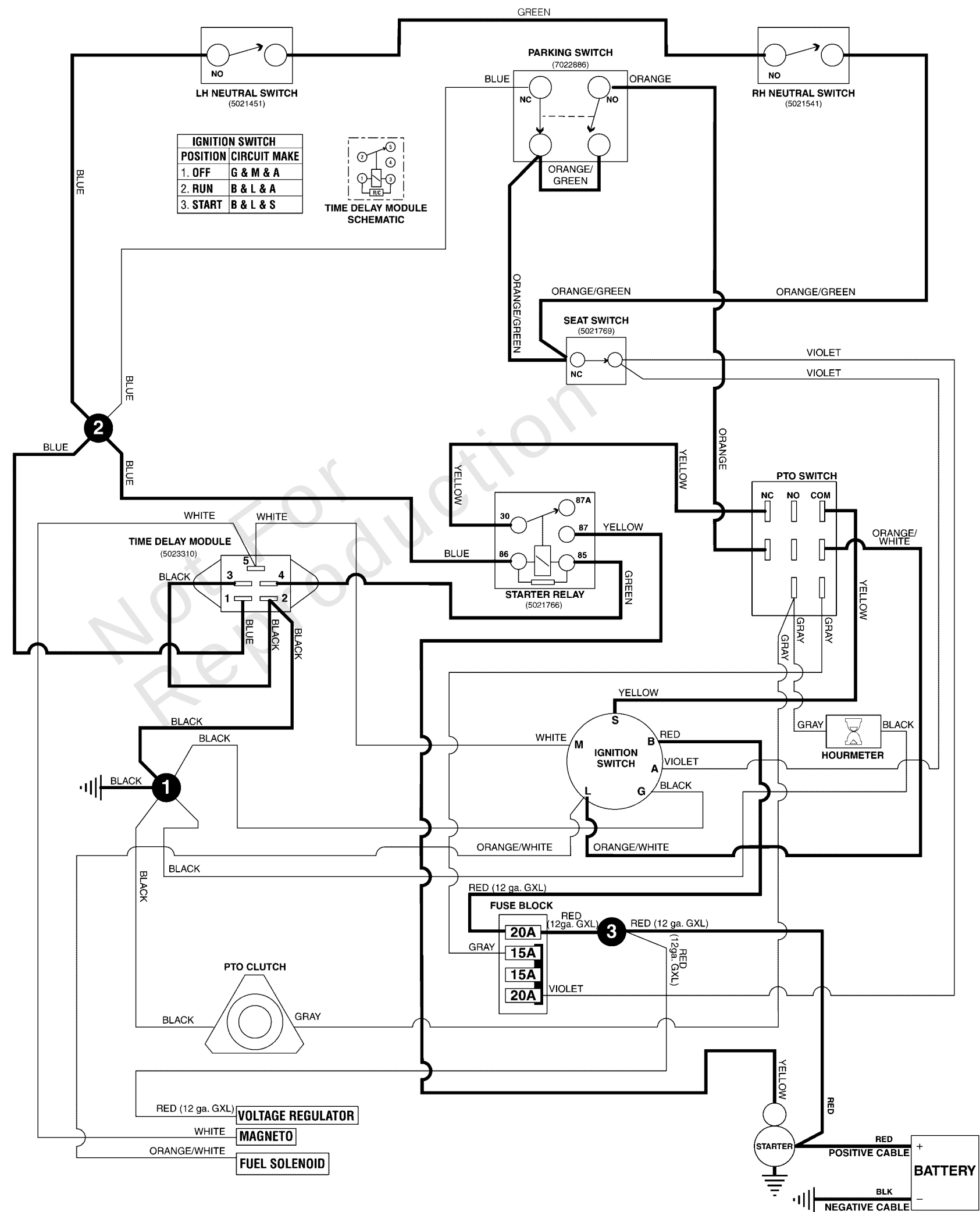
Electrical Schematic - Cranking Circuit - Kawasaki FX1000V

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5414897 / F320Z MAIN WIRE HARNESS - KAWASAKI FX1000V ENGINE

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



Electrical Schematic - Cranking Circuit - Kawasaki FX1000V

REF NO	PART NO	QTY	DESCRIPTION
--------	---------	-----	-------------

Not For Reproduction

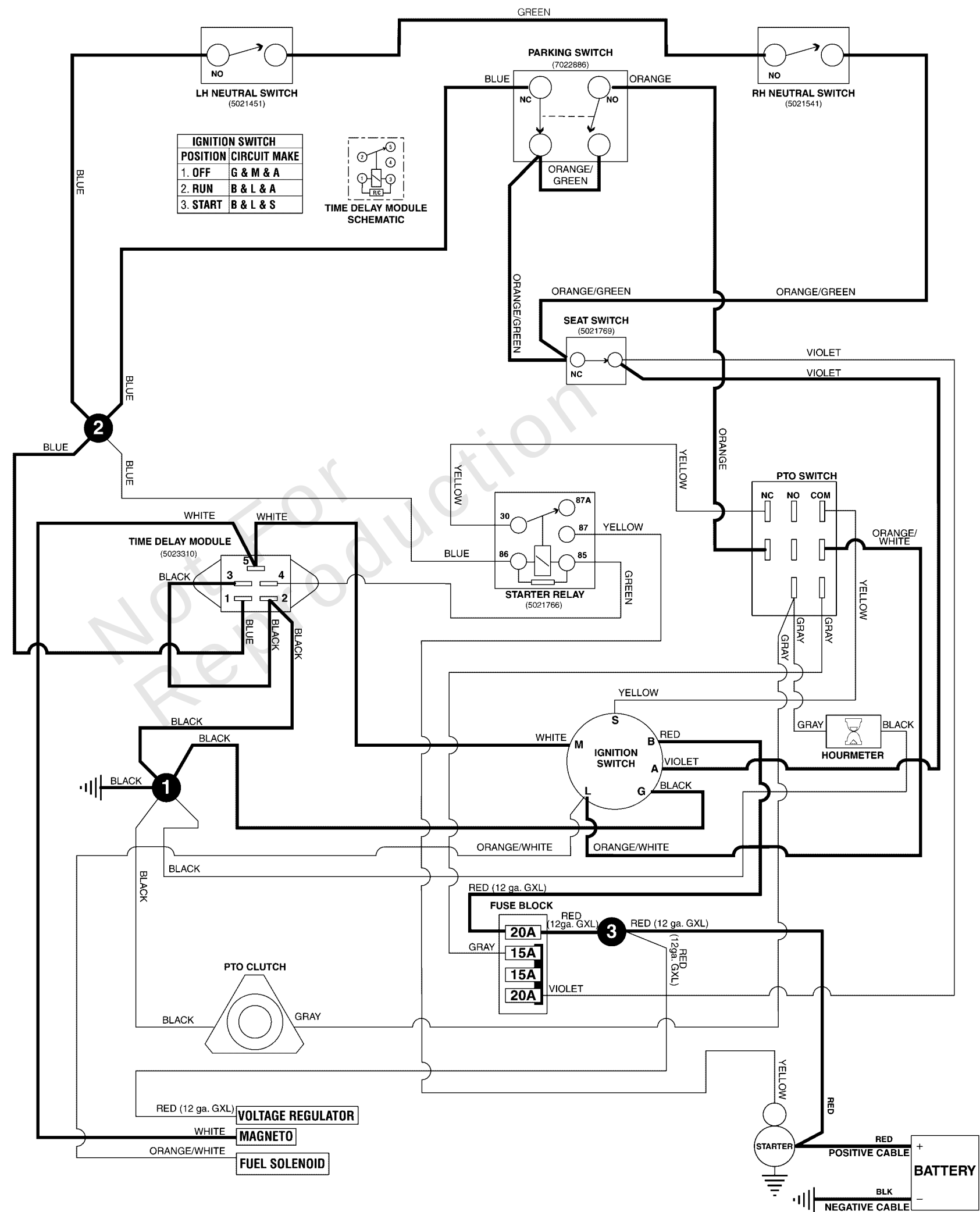
Electrical Schematic - Ign. Ground Circuit/Op. Pres - Kawasaki FX1000V

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5414897 / F320Z MAIN WIRE HARNESS - KAWASAKI FX1000V ENGINE

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



Electrical Schematic - Ign. Ground Circuit/Op. Pres - Kawasaki FX1000V

REF NO	PART NO	QTY	DESCRIPTION
--------	---------	-----	-------------

Not For Reproduction

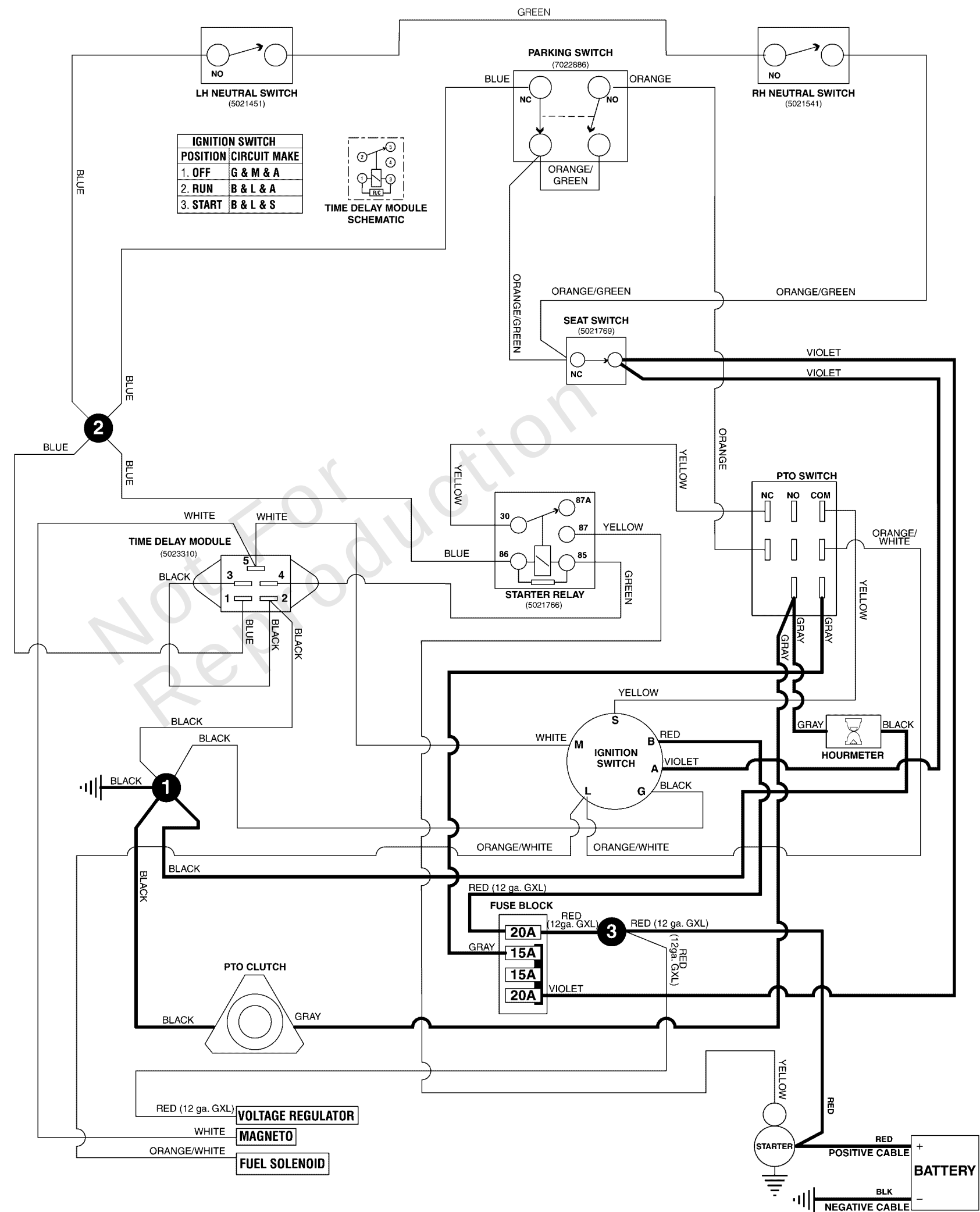
Electrical Schematic - PTO Clutch Circuit - Kawasaki FX1000V

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5414897 / F320Z MAIN WIRE HARNESS - KAWASAKI FX1000V ENGINE

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)

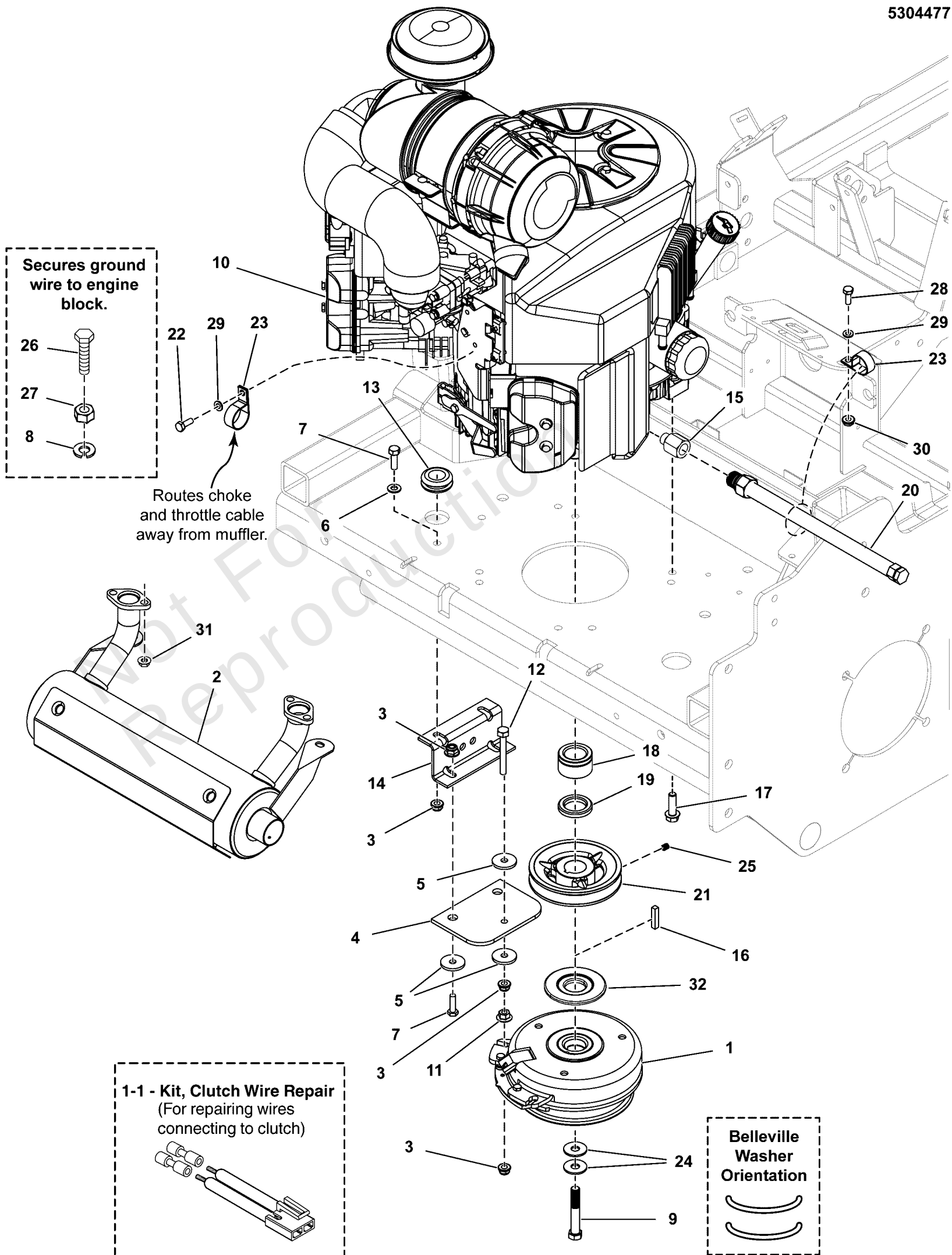


Electrical Schematic - PTO Clutch Circuit - Kawasaki FX1000V

REF NO	PART NO	QTY	DESCRIPTION
--------	---------	-----	-------------

Not For Reproduction

5304477



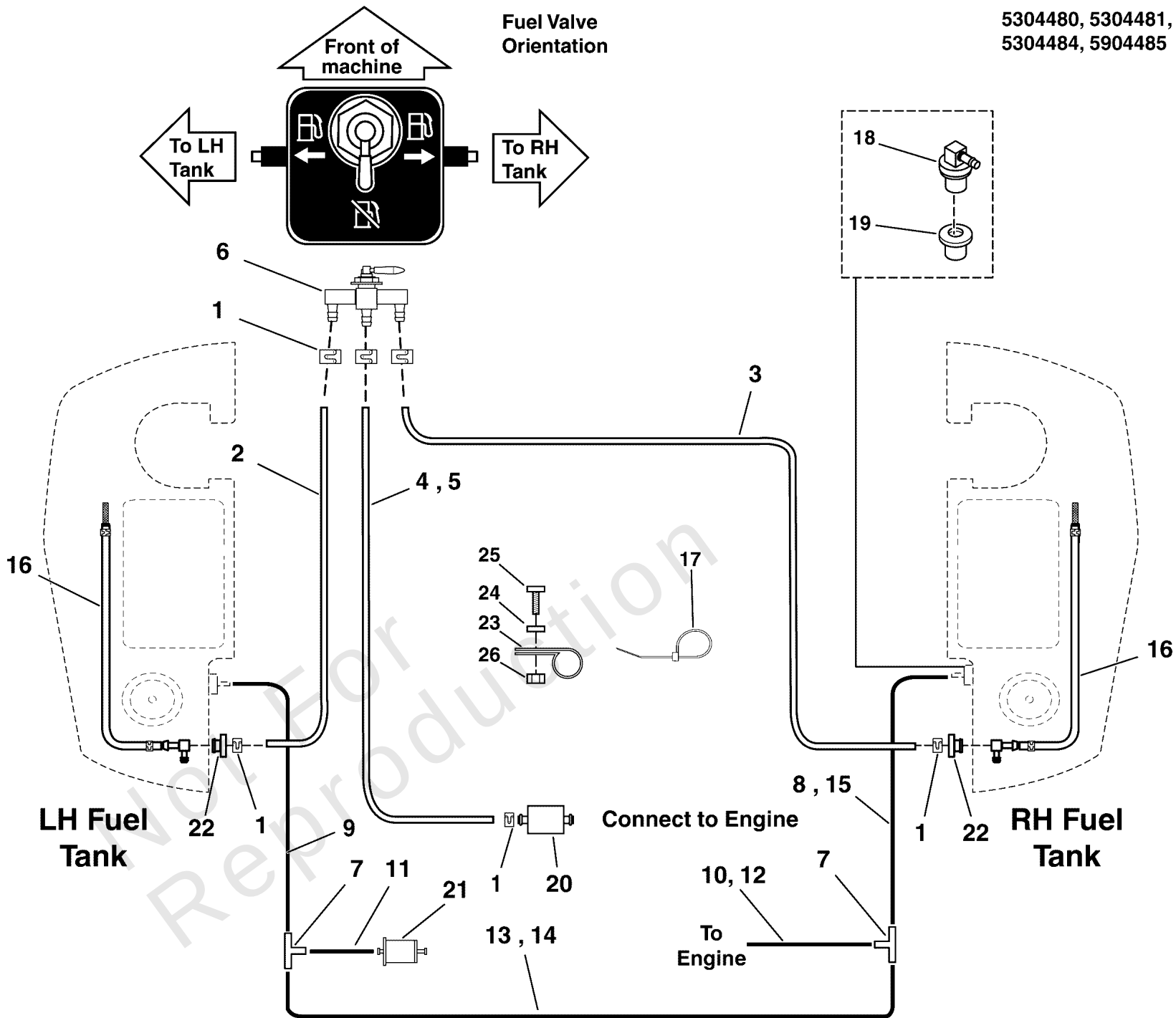
Engine & PTO Group - Kawasaki

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	CLUTCH, If replacing, use 5108850 and 5108851 -(S/N: 4001550166 and below)
1	5108850	1	CLUTCH, 250 FT-LBS, WATER GUARD -(S/N: 4001550167 and above)
1-1	5600575	1	KIT, CLUTCH WIRE REPAIR
2	5105064	1	MUFFLER 35-37HP KAWASAKI 5 CAN
3	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
4	5043636	1	CLUTCH ANCHOR PAD
5	5044617	4	WASHER, .34 X 1.25 X 10 GA
6	5025155	2	WASHER, 5/16" SAE
7	5025011X8	4	BOLT, 5/16-18 X 1" GRD5 YZ
8	5025170	1	WASHER, 5/16 LOCK CZ
9	5103300	1	BOLT, CRANKSHAFT, 7/16-20 X 3-1/4, GD 8 -(Torque crankshaft bolt to 65 ft. lbs. (88 Nm))
10	FX1000V-AS18R	1	ENGINE, 35HP KAWASAKI
11	5025139	1	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
12	5025055X20	1	BOLT, 5/16-18 X 2-1/2 GD5 TFL, CZ
13	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
14	5414825A	1	ANCHOR, CLUTCH - BLK
15	5022234	1	ADAPTER, Oil Drain
16	5050407X10	1	KEY, 1/4" SQ. X 1-1/4
17	5025532	4	BOLT, HEX FLG, SER, GD5 3/8-16 X 1-1/4" PACH CZ
18	5047033	1	SPACER, 1.13 X 1.75 X 1.03, CZ
19	5046904	1	SPACER, 1.13 x 1.75 x .25
20	5048681	1	HOSE, OIL DRAIN
21	5021682	1	PULLEY, 4.75 OD X 1-1/8 BORE, BC-48
22	5023215	1	CAPSCREW, HEX HEAD M6-1.0 X 14MM
23	5021500	2	CLAMP, VINYL INSULATED, 1.00
24	5025585	2	BELLEVILLE WASHER, 1.1875 X .442 X .098
25	5025531	1	SET SCREW, 5/16-18 X 3/8, KNUURL, W/PATCH -(SV)
26	5025249	1	BOLT, M8-1.25 X 20 MM GD 8.8
27	5025536	1	NUT, HEX, M8-1.25, CZ, GD 8.8
28	5025010X6	1	BOLT, 1/4"-20 X 3/4" GD5 YZ
29	5025154	1	WASHER, 1/4 SAE
30	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE
31	5025355	4	NUT, M8-1.25 Hex Serrated Flange
32	5108851	1	WATER GUARD, WARNER C 250 FT-LBS CLUTCH -(S/N: 4001550167 and above)

Fuel Supply Hose, Tank Replacement Parts, and EVAP Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524



Fuel Supply Hose, Tank Replacement Parts, and EVAP Group

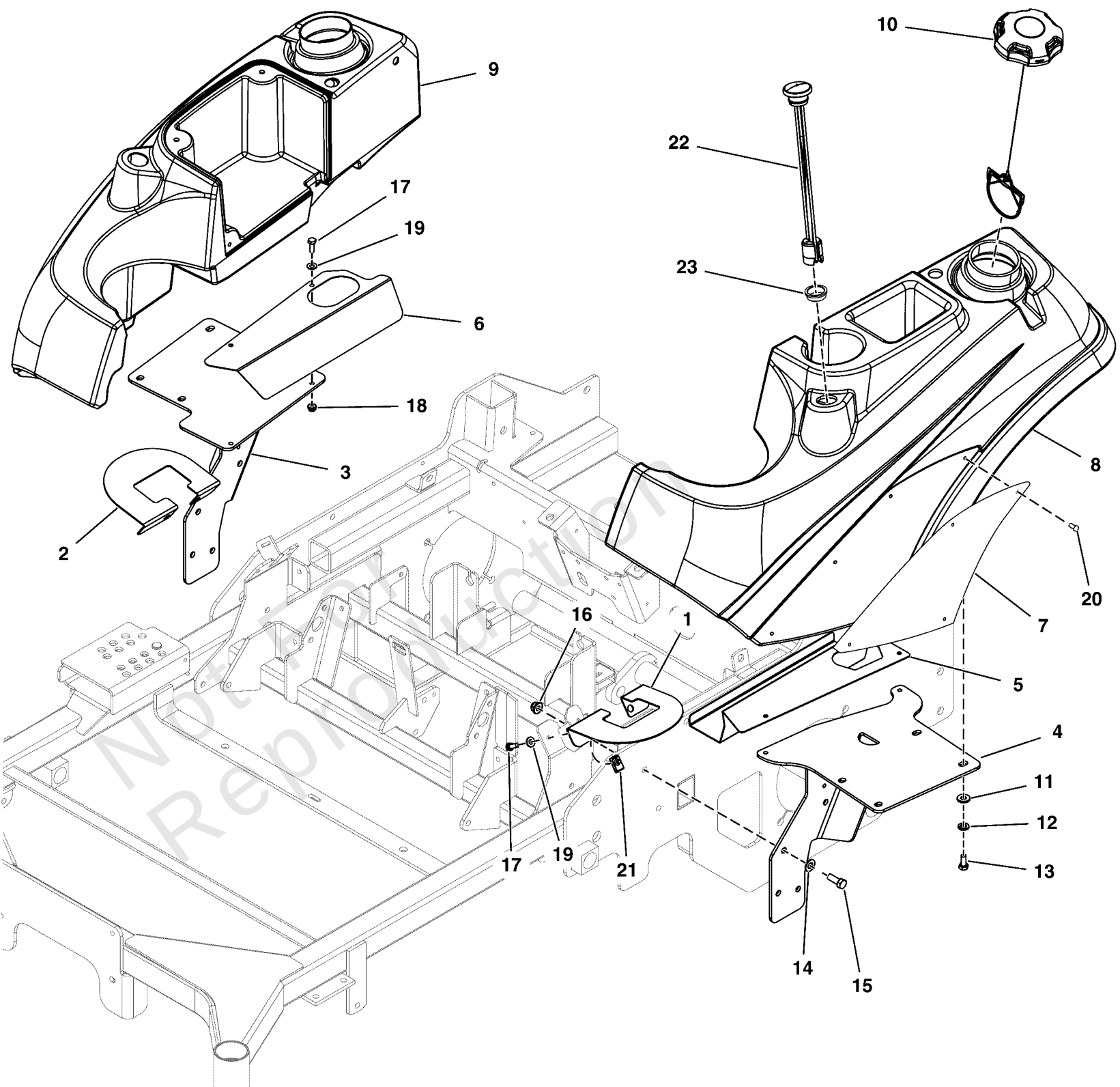
REF NO	PART NO	QTY	DESCRIPTION
1	93807	6	CLAMP, HOSE, EXTERNAL, 1/2 - RED
2	5050831X14P5	1	HOSE, 1/4" FUEL, 14.50"
3	5050831X49	1	HOSE, 1/4" FUEL, 49.00"
4	5050831X22	1	HOSE, 1/4" FUEL, 22.00" -(Kawasaki Engines)
5	5050831X14P5	1	HOSE, 1/4" FUEL, 14.50" -(Briggs & Stratton EFI Engines)
6	5023358	1	VALVE, FUEL SHUT-OFF, 11772
7	5103062	2	FITTING, 3/16" TEE, BARB TYPE, HDPE
8	7700552X41	1	HOSE, VAPOR, 5MM ID, 41.00 LG -(Kawasaki Engines)
9	7700552X26	1	HOSE, VAPOR, 5MM ID, 26.00 LG
10	7700552X31P5	1	HOSE, VAPOR, 5MM ID, 31.50 LG -(Kawasaki Engines)
11	7700552X2	1	HOSE, VAPOR, 5MM ID, 2.00 LG
12	7700552X11	1	HOSE, VAPOR, 5MM ID, 11.00 LG -(Briggs & Stratton EFI Engines)
13	7700552X2	1	HOSE, VAPOR, 5MM ID, 2.00 LG -(Kawasaki Engines)
14	7700552X13P5	1	HOSE, VAPOR, 5MM ID, 13.50 LG -(Briggs & Stratton EFI Engines)
15	7700552X28	1	HOSE, VAPOR, 5MM ID, 28.00 LG -(Briggs & Stratton EFI Engines)
16	5101144	2	HOSE ASSEMBLY (SV)
17	5021030	5	TIE, SELF-LOCKING, 6" -(Qty: 4 - Briggs & Stratton EFI Engines)
18	770046	2	REMOTE VENT ASSEMBLY
19	209043	2	GROMMET (SV)
20	5021178X3	1	FUEL FILTER (SV)
21	80025019	1	FILTER, FUEL
22	1726400	2	BUSHING-FUEL TANK RED RUBBER
23	5021500	1	CLAMP, VINYL INSULATED, 1.00
24	5025154	1	WASHER, 1/4 SAE
25	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 CZ
26	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

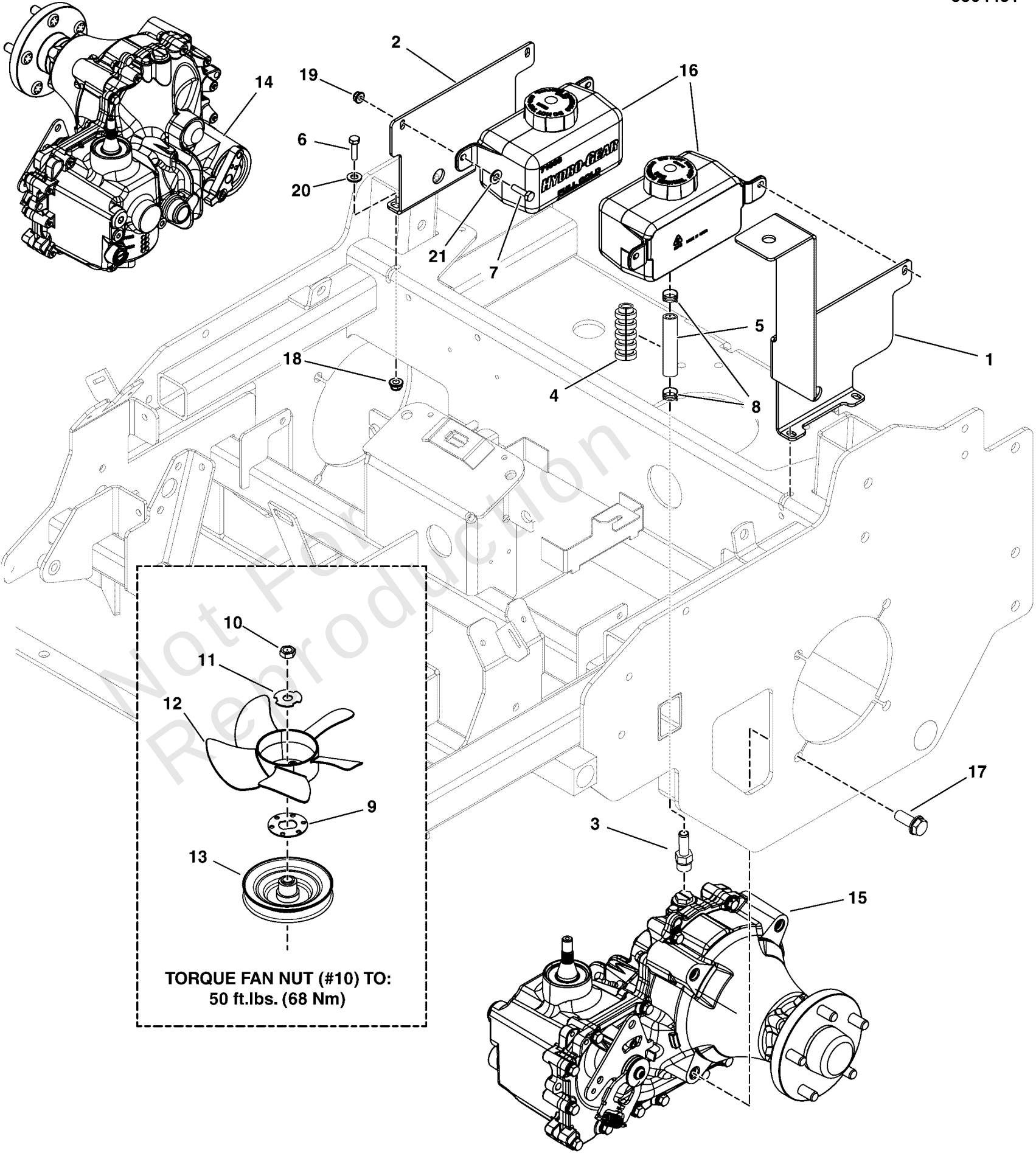
Mfg. No: 5901524

5304420



Fuel Tank & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5414811A	1	PLATE,MOTION CONTROL GUARD,F320Z LH -BLK
2	5414810A	1	PLATE,MOTION CONTROL GUARD,F320Z RH -BLK
3	5414902A	1	WELD, FUEL MOUNT, RH - BLK
4	5414901A	1	WELD, FUEL MOUNT, LH - BLK
5	5414809A	1	GUARD, FUEL MOUNT, F320Z, LH - BLK -(S/N: 4000015530 and below)
5	5418717A	1	GUARD, FUEL MOUNT, LH - BLK -(S/N: 4000015531 and above)
6	5414808A	1	GUARD, FUEL MOUNT, F320Z. RH - BLK -(S/N: 4000015530 and below)
6	5418718A	1	GUARD, FUEL MOUNT, RH - BLK -(S/N: 4000015531 and above)
7	5401095B	2	BADGE, IS2000 - IS3000 - RED
8	5103178	1	TANK, FUEL, LH
9	5103177	1	TANK, FUEL, 5.25 GAL,MED, Z-RH, LOW PERM
10	5103005	2	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12"
11	5025292	8	WASHER, 5/16 F436 FLAT
12	5025170	8	WASHER, 5/16 LOCK CZ
13	5025011X6	8	BOLT, 5/16-18 X 3/4 GD5
14	5025156	6	WASHER, 3/8 SAE
15	5025013X8	6	BOLT, 3/8-16 X 1" GD5 CZ
16	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5025010X6	8	BOLT, 1/4-20 X 3/4 GD5 CZ
18	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
19	5025154	8	WASHER, 1/4 SAE
20	5025386	8	SCREW, #10-24 X 3/8 ALLEN BHBZ
21	5022665	4	BODY CLIP, 1/4-20 X 1/2 DEEP
22	5022917	2	GAUGE, FUEL, 12 -(SV)
23	5022917X1	2	GROMMET, FUEL GAUGE -(SV)



Hydraulic Group

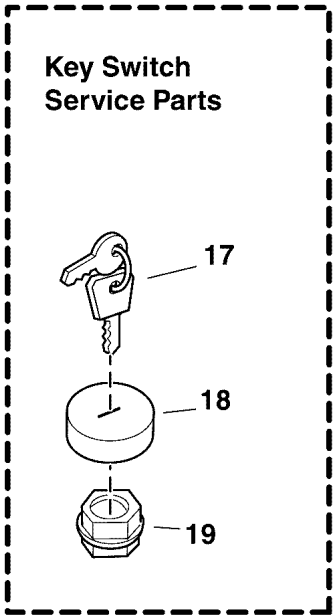
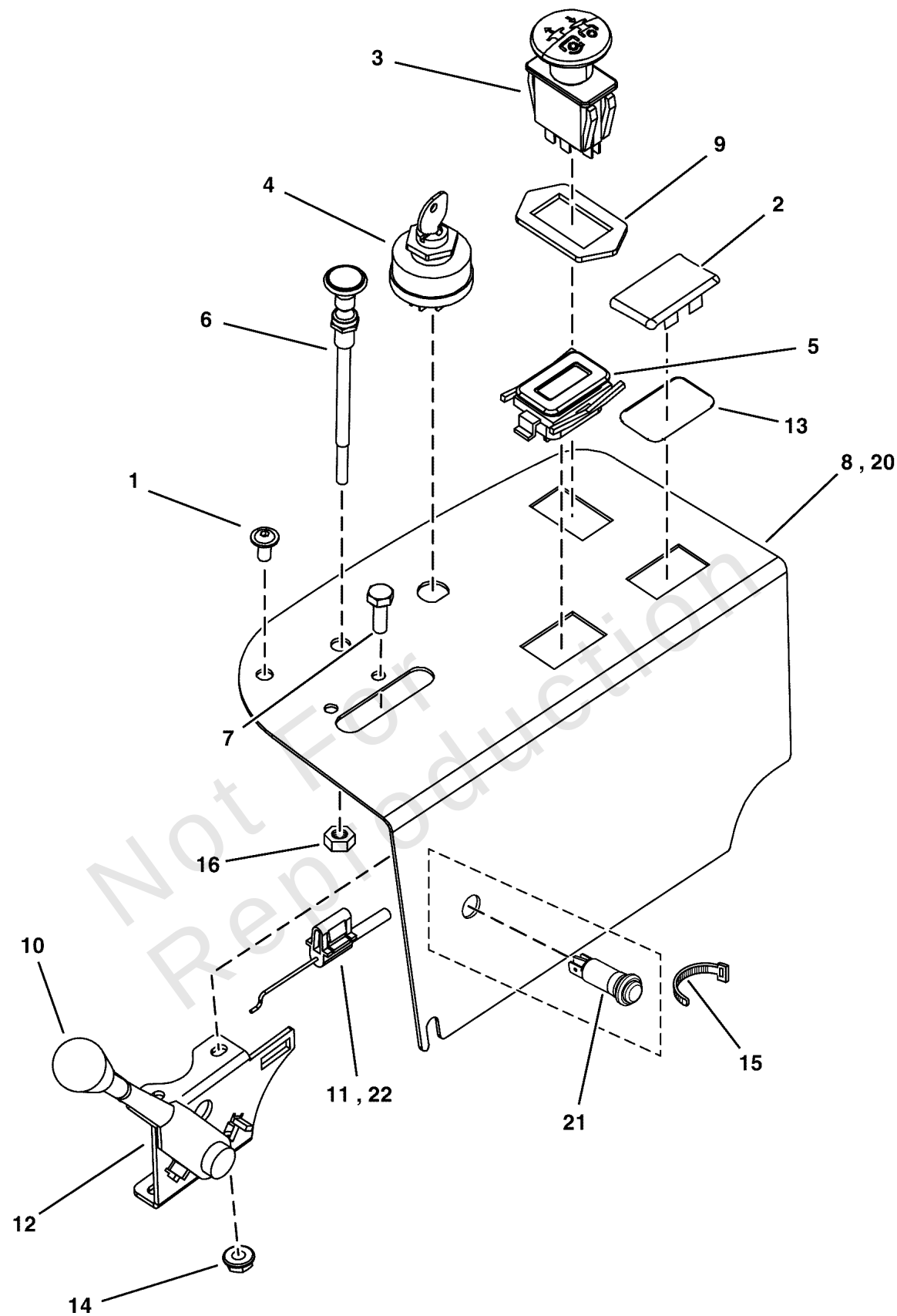
REF NO	PART NO	QTY	DESCRIPTION
1	5412888A	1	PLATE, HYD BOT FUEL MNT LH, S200XT - BLK
2	5412879A	1	PLATE, HYD BOT MOUNT, RH, S200XT - BLK
3	5101987X1	2	FITTING, BREATHER, ZT5400
4	5100384X7	2	LOOM, CONVOLUTED SPLIT, 1 ID - 7.00 LONG
5	5050933X9	2	HOSE, 5/8 PUSH LOCK, 9.00
6	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
7	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
8	5021164	4	CLAMP, #10 HOSE, STAINLESS
9	5102917	2	SPACER, ANTI ROTATE, ZT5400
10	5102916	2	NUT, ZT5400
11	5102914	2	WASHER, ZT5400, SLOTTED
12	5102874	2	FAN, ZT5400
13	5102872	2	PULLEY, ZT5400 (53177)
14	5103963	1	TRANSAXLE, ZT5400, RH, 1015-1057R L AXLE
15	5103964	1	TRANSAXLE, ZT5400, LH, 1015-1057L L AXLE
16	5101998	2	HYDRO TANK, HYDRO-GEAR 71938, 1 LITER
17	5025535	8	BOLT, 1/2-13 X 1-1/4, SF, PLT W/PATCH
18	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
19	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
20	5025155	4	WASHER, 5/16" SAE
21	5025154	4	WASHER, 1/4 SAE

Instrument Control Panel Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304486
5304349



Instrument Control Panel Group

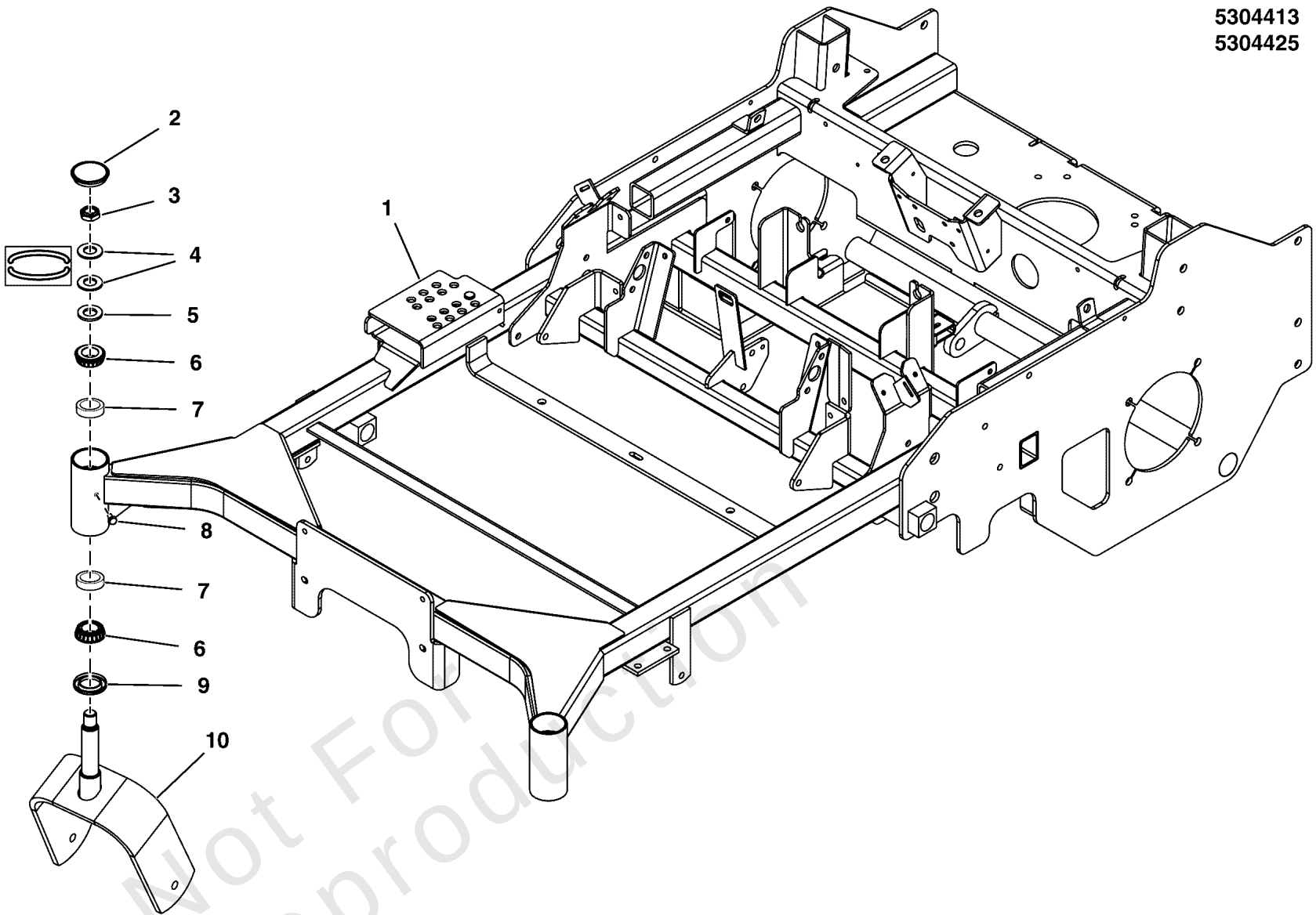
REF NO	PART NO	QTY	DESCRIPTION
1	5025299X4	3	SCREW, ALLEN HEAD 1/4-20X.500 ZINC PHOS
2	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
3	5022180	1	SWITCH, BLADE ENGAGEMENT
4	5020927	1	SWITCH, IGNITION, 6 POST
5	84008768	1	HOURLMETER (2 Pin Connector)
6	5047779	1	CABLE, CHOKE CONTROL, 51" (Z) -(Carbureted Models Only)
7	5025179X6	2	SCREW, #10-24 X 3/4" ROUND PHILLIPS
8	5411933A	1	PANEL, Control - Black -(Kawasaki Carbureted Models Only)
9	5022222	1	RING, SWITCH RETAINER
10	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB
11	5101073	1	CABLE, THROTTLE, 42" -(Briggs & Stratton EFI Models Only)
12	5101537	1	LEVER, THROTTLE CONTROL, HEAVY-DUTY
13	5022269	1	O-RING, 7/8" ID X 1/16" W
14	5025271	2	NUT, Hex, Nylon Lock, #10-24
15	5021029	1	TIE, SELF-LOCKING, 12"
16	5025035SM	1	NUT (3/8-24 HEX)
17	5022789	1	KEY, IGNITION MOLDED SET
18	5022790	1	COVER, PLASTIC, SNAP ON
19	5022791	1	PLASTIC NUT
20	5412044AYP	1	PANEL, Control -(Briggs & Stratton EFI Models Only)
21	5103809	1	LIGHT, INDICATOR, PANEL, LED, RED -(Briggs & Stratton EFI Models Only)
22	5101072	1	CABLE, THROTTLE, 52" -(Kawasaki Carbureted Models Only)

Main Frame & Caster Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304413
5304425



Main Frame & Caster Group

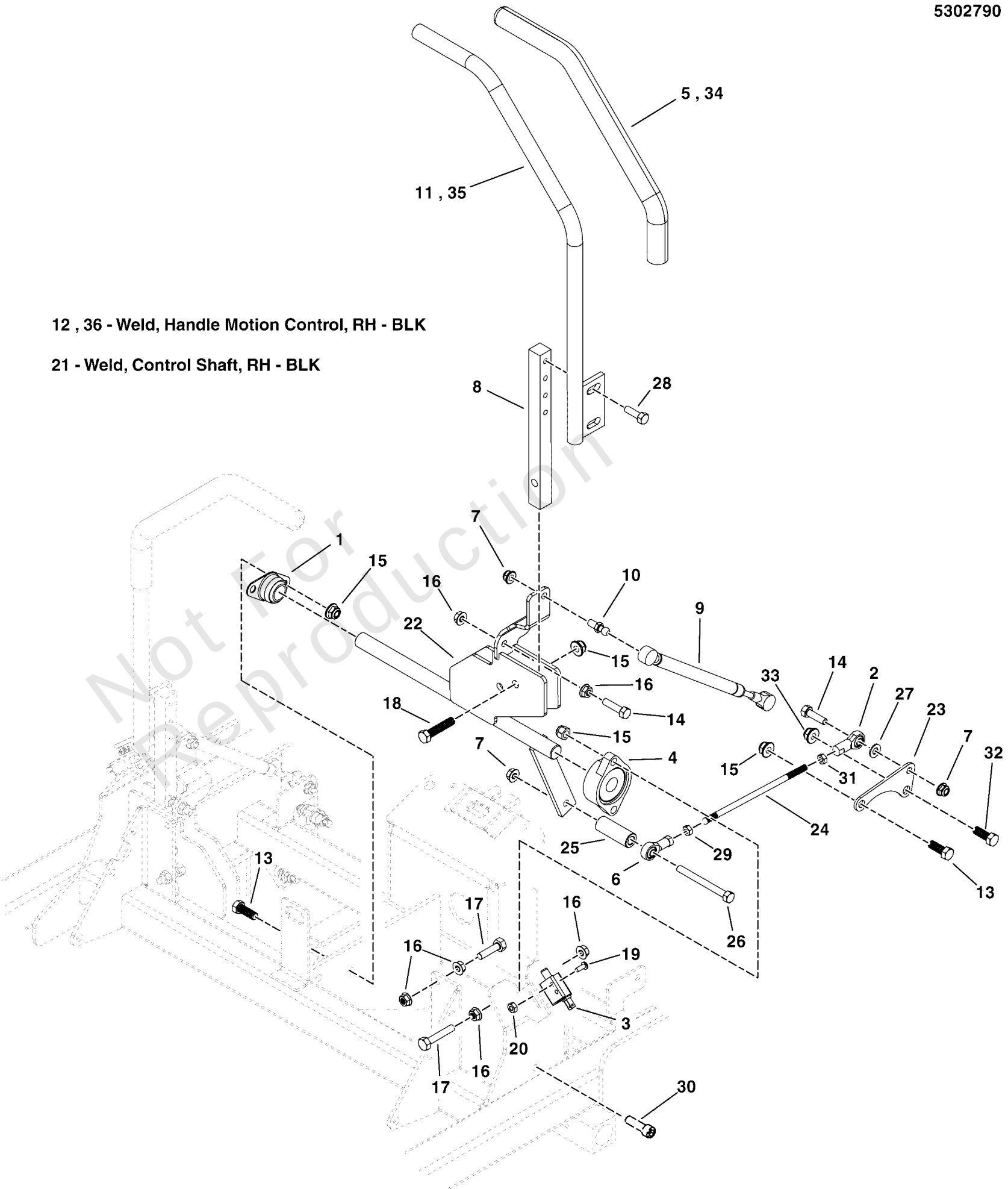
REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	WELD, MAIN FRAME, F320Z - RED -(Refer to Note: *)
2	5109845	2	CAP, GREASE, LOW PROFILE
3	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
4	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
5	5025160	2	WASHER, 3/4 SAE
6	5020884	4	BEARING, TAPERED ROLLER, 1"
7	5020883	4	CUP, BEARING (SV) -(SV)
8	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
9	5021072	2	SEAL, GREASE
10	5411934B	2	WELD, CASTER YOKE - RED

Not For
Reproduction

Footnotes:

Note: * If frame is damaged, call 1-800-933-6175 ext. 709.

5302790



Motion Control Group

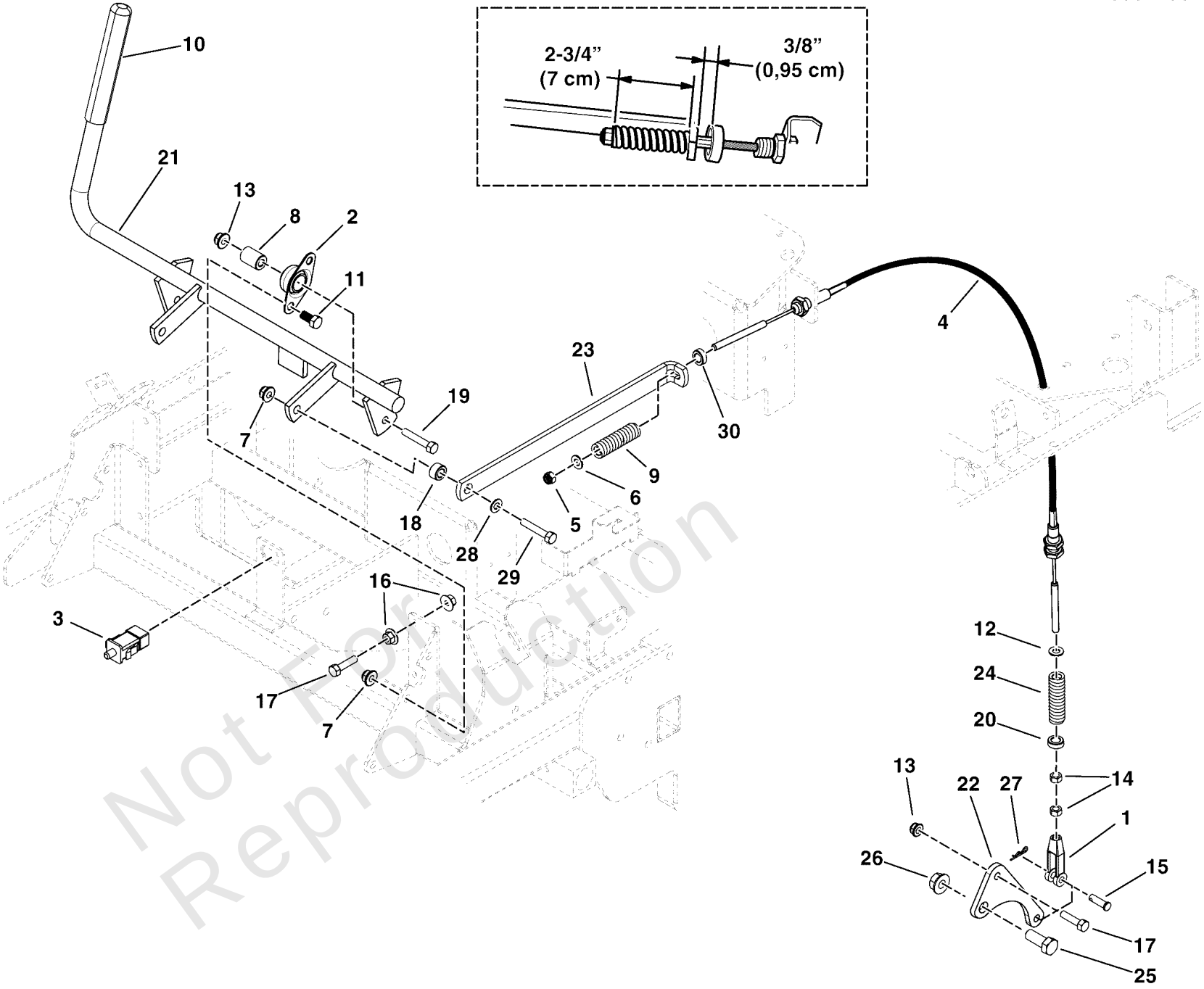
REF NO	PART NO	QTY	DESCRIPTION
1	5021098	2	BEARING, BRONZE FLANGE, 3/4
2	5104493	2	BALL JOINT 5/16-24 RH FEMALE BRONZE RACE
3	5021451	2	SWITCH, PLUNGER, N.O.
4	5021499	2	BEARING, FLANGE
5	5022068	2	GRIP, FOAM, 3/4 ID, 16 LONG -(S/N: 2017515463 & Below)
6	5104494	2	BALL JOINT 5/16-24 LH FEMALE BRONZE RACE
7	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5103106A	2	MOUNT, CONTROL ARM - BLK -(10.95" Total Length, 3 Adjustment Holes)
9	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
10	5100941	4	BALL STUD, 5/16 X .50, # PC-477-2)
11	5400636A	1	WELD, HANDLE MOTION CONTROL LH - BLK -(S/N: 2017515463 & Below)
12	5400637A	1	WELD, HANDLE MOTION CONTROL RH - BLK -(Not Illustrated)(S/N: 2017515463 & Below)
13	5025013X8	6	BOLT, 3/8-16 X 1" GD5 CZ
14	5025011X10	4	BOLT, 5/16-18 X 1-1/4 GD5 YZ
15	5025096	14	NUT, 3/8-16 HEX NYLON LOCK
16	5025127	12	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
17	5025055X14	4	BOLT- 5/16-18 X 1-3/4 GD5 TFL
18	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5 CZ
19	5025179X4	4	SCREW- #10-24 X 1/2 ROUND PHILLIPS
20	5025029	4	NUT, #10-24 HEX
21	5405072A	1	WELD, CONTROL SHAFT, RH - S200XT - BLK -(Not Illustrated)
22	5405073A	1	WELD, CONTROL SHAFT, LH - S200XT- BLK
23	5405230A	2	PLATE, HYDRO CONNECTOR, S200XT - BLK
24	5102124	2	ROD, HYDRO LINKAGE - S200XT - YZ
25	5102599	2	SPACER, .38 X .75 X 1.25, PM, CZ
26	5025011X20	2	BOLT, 5/16-18 X 2-1/2 GD5 YZ
27	5025155	6	WASHER, 5/16" SAE
28	80003531	4	SCREW, 5/16-18x0.750, GR5, WHIZ-LOCK, ZC
29	5025033	2	NUT, 5/16-24 HEX
30	5025327	4	BOLT, 3/8-16 X 1-1/4 SHCS
31	5023212	2	NUT, 5/16-24 HEX, LH
32	5025015X6	2	BOLT, 7/16-14 X 3/4
33	5025125	2	NUT, 7/16-14 HEX NYLON LOCK
34	5104722	2	GRIP, FOAM, 1" ID, 16" LONG -(S/N: 2017515464 & Above)
35	5414431A	1	WELD, HANDLE MOTION CNTRL,19.0,1.0,LH,BLK -(S/N: 2017515464 & Above)
36	5414432A	1	WELD, HANDLE MOTION CNTRL,19.0,1.0,RH,BLK -(Not Illustrated)(S/N: 2017515464 & Above)

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5301758F



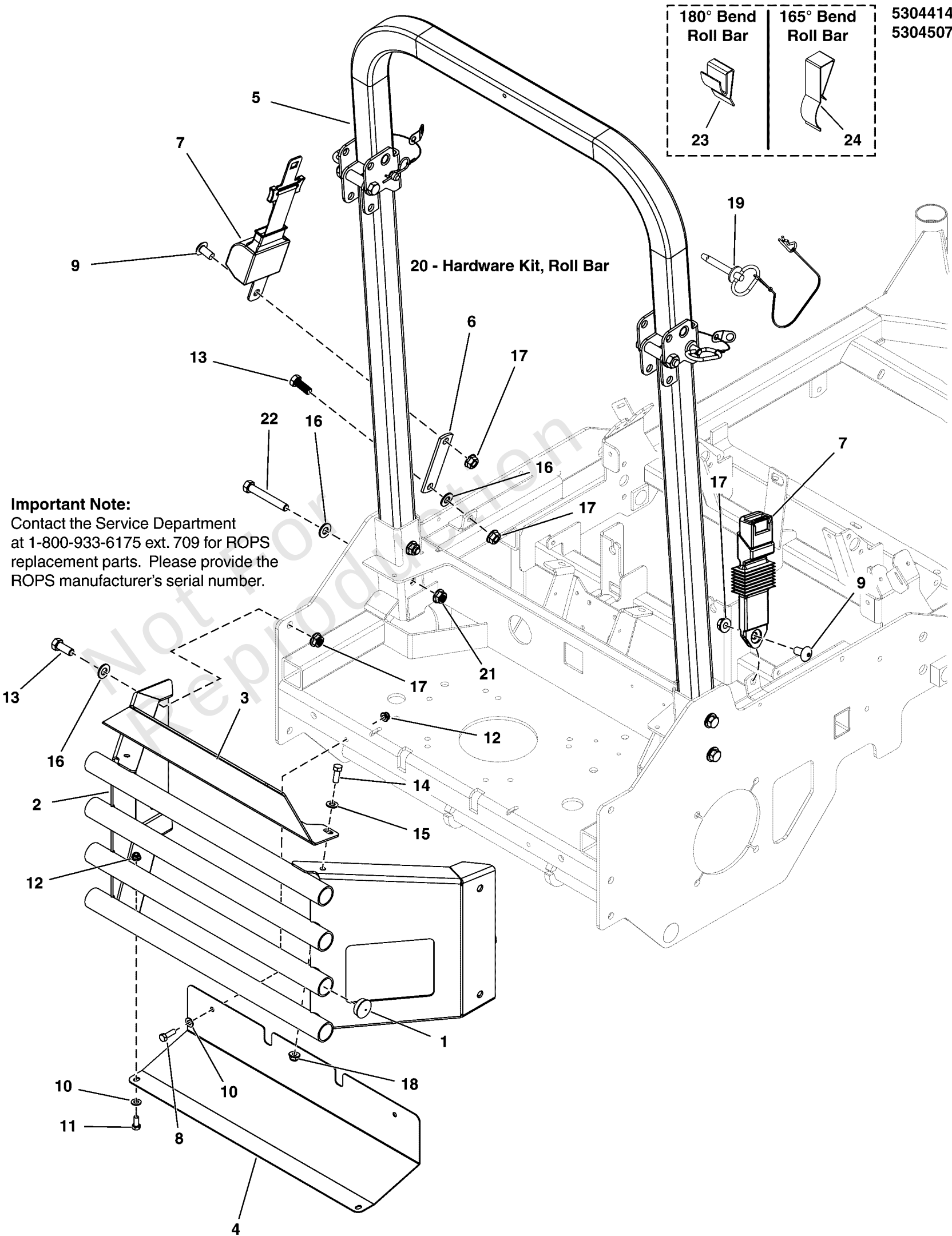
Parking Brake Group

REF NO	PART NO	QTY	DESCRIPTION
1	5023323	2	CLEVIS, 5/16-24, STEEL, CLEAR ZINC
2	5021098	2	BEARING, 3/4" FLANGED, BRONZE
3	7022886	1	SWITCH, DP NO/NC SNAP-IN
4	5102568	2	CABLE, PARKING BRAKE, S200XT
5	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
6	5025155	2	WASHER, 5/16" SAE
7	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
8	5042134	2	SPACER, .32 X .75 X 1.06, PM
9	5100385	2	SPRING, COMP. 1/2 ID X .140 WIRE X 3.25
10	5101038	1	GRIP, FOAM, 3/4 ID X 6 X .187
11	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
12	5025150	2	WASHER, 1/2 USS
13	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
14	5025033	4	NUT, 5/16-24 HEX
15	5025213X8	2	PIN, CLEVIS, 5/16 X 1, PLATED
16	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
17	5025011X10	3	BOLT, 5/16-18 X 1-1/4 GD5 CZ
18	5102289	2	SPACER, .38 X .50 X .31, CZ
19	5025011X14	2	BOLT, 5/16-18 X 1-3/4 GD5 CZ
20	5061227	2	BUSHING, DECK PIVOT
21	5405833A	1	WELD, BRAKE SHAFT - BLK
22	5405383AYP	2	ARM, Brake
23	5406710A	2	LINK, BRAKE LOCK - BLK
24	5022845	2	SPRING-COMP, .930IDX5.00LGX.085WR - BLK
25	5025017X10	2	BOLT, 1/2-13 X 1-1/4 GD5 CZ
26	5025332	2	NUT, 1/2-13 HEX SIDE LOCK
27	5025203X6	2	PIN, COTTER, 1/8 X 3/4
28	5025156	2	WASHER, 3/8 SAE
29	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
30	5020047	2	COLLAR, 5/16 SET

Rear Bumper & ROPS Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524



Rear Bumper & ROPS Group

REF NO	PART NO	QTY	DESCRIPTION
1	5023484	8	PLUG, PANEL, 1.25 - BLACK
2	5414682B	1	WELD, BUMPER, F320Z - RED
3	5414797B	1	PLATE, CARB PROTECTOR, F320Z - RED
4	5408526A	1	PLATE, HEAT SHIELD - BLK
5	5105138	1	ROPS, S200XT & F320 -(Refer to Note: *)
6	5401044A	1	EXTENSION, SEAT BELT - BLK -(S/N: 4000051453 and below)
7	5105137	1	SEAT BELT ASSM, RETRACTOR + SUP SLEEVE -(S/N: 4000051453 and below)
8	5025011X8	2	BOLT, 5/16-18 X 1 GD5 CZ
9	5100267	2	SCREW, 1/2-13 X 1.00, SHCS -(S/N: 4000051453 and below)
10	5025155	4	WASHER, 5/16" SAE
11	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
12	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
13	5025017X10	5	BOLT, 1/2-13 X 1-1/4 GD5 CZ
14	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
15	5025293	2	WASHER, 3/8 GD.9 FLAT
16	5025158	4	WASHER, 1/2 SAE -(Qty: 5 - S/N: 4000051453 and below)
17	5025396	4	NUT, Hex Flange, Nylock, 1/2-13 -(Qty: 6 - S/N: 4000051453 and below)
18	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
19	5100013	2	PIN, HITCH, .50 X 3.25 W/ LAY -(SV)
20	5103921X1	1	HARDWARE KIT, ROLL BAR -(SV)
21	5025332	4	NUT, 1/2-13 HEX SIDE LOCK -(SV)
22	5025017X26	4	BOLT, 1/2-13 X 3-1/4, HEX HD, GD5, CZ (SV) -(SV)
23	5103403X1	2	ANTI-RATTLE SPRING, FEMCO #230328972 (SV) -(180 Degree Bend Roll Bar)
24	5105140X1	2	ANTI-RATTLE SPRING, ROPS, 165 DEGREE (SV) -(165 Degree Bend Roll Bar)

Footnotes:

Note: *Contact the Service Department at 1-800-933-6175 for roll bar replacement parts. You must provide the serial number of the roll bar system.

Seat Plate & Floor Group

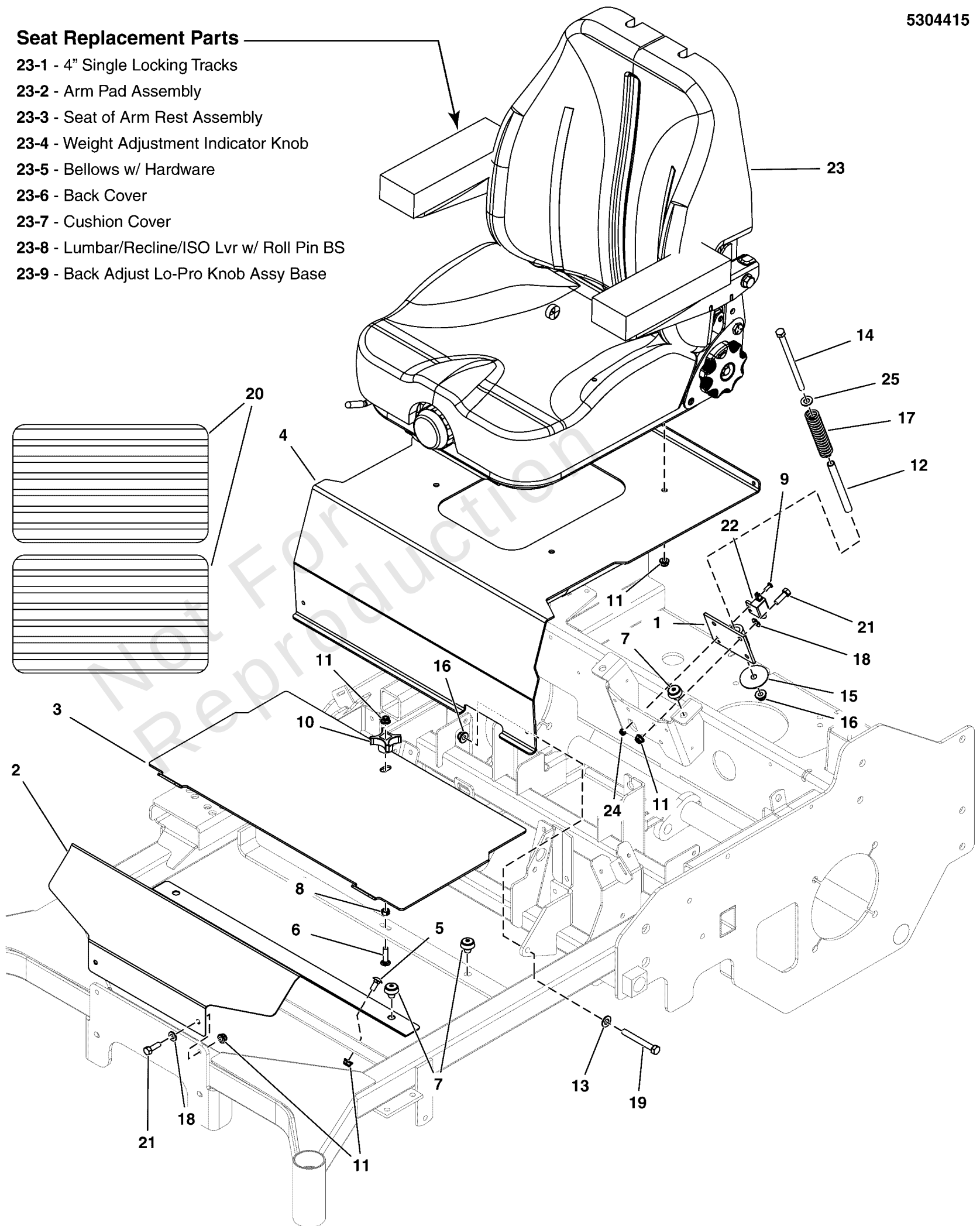
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524

5304415

Seat Replacement Parts

- 23-1 - 4" Single Locking Tracks
- 23-2 - Arm Pad Assembly
- 23-3 - Seat of Arm Rest Assembly
- 23-4 - Weight Adjustment Indicator Knob
- 23-5 - Bellows w/ Hardware
- 23-6 - Back Cover
- 23-7 - Cushion Cover
- 23-8 - Lumbar/Recline/ISO Lvr w/ Roll Pin BS
- 23-9 - Back Adjust Lo-Pro Knob Assy Base



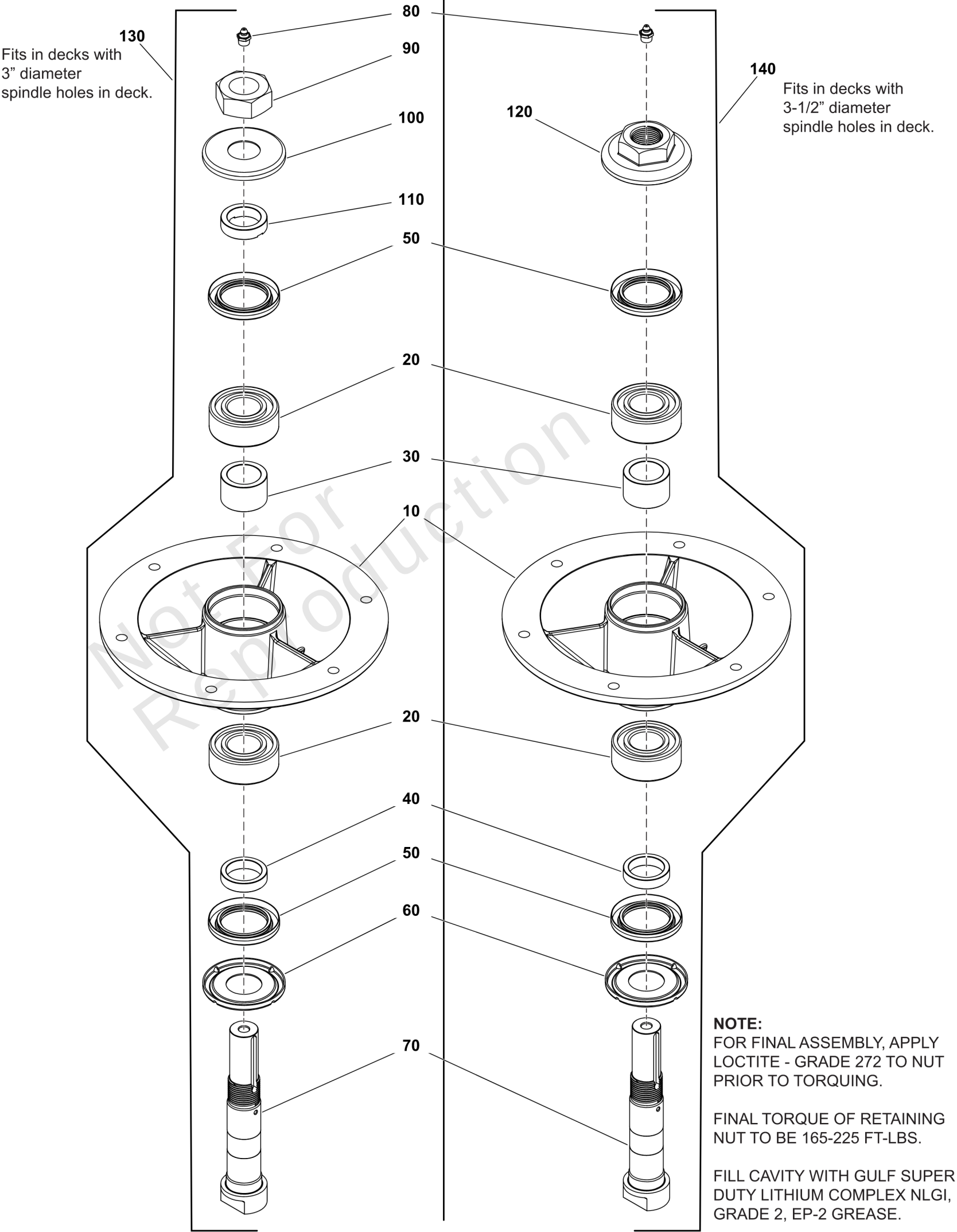
Seat Plate & Floor Group

REF NO	PART NO	QTY	DESCRIPTION
1	5410583AYP	1	WELD, SEAT SWITCH
2	5414766B	1	PLATE, RIGID FLOOR, S320Z - RED
3	5410362B	1	PLATE, REMOVABLE FLOOR, 200XT - RED
4	5601014	1	ASSM, SEAT PLATE W/ DECAL, F320Z-DOM -(5414866B)
5	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
6	80003669	1	BOLT, 5/16-18X1.500, CARRIAGE, SQ, GR5, ZC/CL
7	197546	6	MNT, VBRTN, RBBR
8	80003675	1	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
9	5025179X6	2	SCREW, #10-24 X 3/4" ROUND PHILLIPS
10	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
11	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
12	5046586	1	SPACER, .38 X .50 X 5.06, CZ
13	5025156	2	WASHER, 3/8 SAE
14	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ
15	5025326	1	WASHER, .39 X 2.00 X .14
16	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
17	5100356	1	SPRING, .688 ID X .130 WIRE DIA 4.25
18	5025155	5	WASHER, 5/16" SAE
19	5025013X24	2	BOLT, 3/8-16 X 3" GD5 CZ
20	5101114	2	SAFETY WALK, 10.00 X 19.00
21	5025011X8	5	BOLT, 5/16-18 X 1" GRD5 YZ
22	5021769	1	SWITCH, PLUNGER, N.C.
23	5104747	1	SEAT, HIGH BACK WITH SUSPENSION
23-1	5104720X1	1	4" SINGLE LOCKING TRACKS BASE -(SV)
23-2	5104719X1	1	ARM PAD ASSEMBLY BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
23-3	5104719X2	1	SET OF ARMREST ASSEMBLY BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
23-4	5104720X2	1	WEIGHT ADJUST INDICATOR KNOB ASSY BASE -(SV)
23-5	5104720X3	1	BELLOWS W/ HARDWARE BASE -(SV)
23-6	5104720X4	1	BACK COVER FOR FIXED BACK I3M BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
23-7	5104720X5	1	CUSHION COVER FOR I3M BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
23-8	5105099X2	1	LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS -(SV)
23-9	5105099X3	1	BACK ADJST LO-PRO KNOB-HRDWR BASE -(SV)
24	5025271	2	NUT, Hex, Nylon Lock, #10-24 -(SV)
25	5025401	1	WASHER, 3/8" USS

Spindle Service Parts - 84003242 / 84007984

Note: Unless noted otherwise, use the standard torque specifications

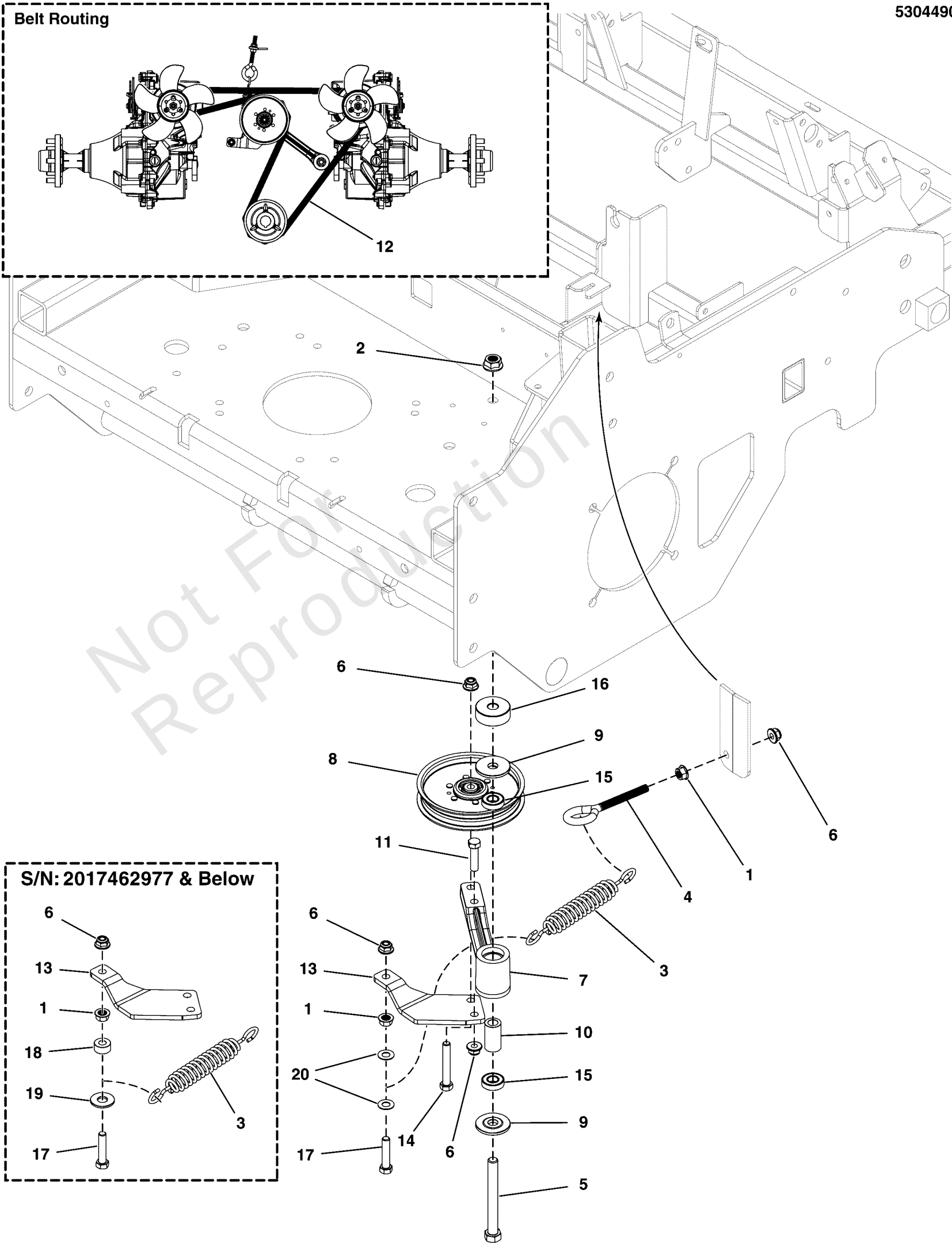
Mfg. No: 5901524



Spindle Service Parts - 84003242 / 84007984

REF NO	PART NO	QTY	DESCRIPTION
10	84003315	1	HOUSING, SPINDLE
20	84003324	2	BEARING
30	84003325	1	SPACER
40	84003319	1	SPACER
50	84003323	2	SEAL, LIP
60	84003317	1	SHIELD
70	84003320	1	SHAFT, SPINDLE
80	5023329SM	1	FITTING
90	84003321	1	NUT
100	84003318	1	SHIELD
110	84003316	1	SPACER (1.183 x 1.625 x 0.420)
120	84010900	1	NUT, WASHER
130	84007984	1	SPINDLE ASSEMBLY -(Fits in decks with 3" diameter spindle holes in deck.)
140	84003242	1	SPINDLE ASSEMBLY -(Fits in decks with 3-1/2" diameter spindle holes in deck.)

5304490



Transaxle Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE
2	5025396	1	NUT, Hex Flange, Nylock, 1/2-13
3	5022847	1	SPRING-EXT, 1.04 ODX6.935LGX.148WR, BLK
4	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
5	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5 CZ
6	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
7	5411066	1	ASSM, IDLER ARM, PUMP DRIVE, 1/2ID, CAST (SV) -(Includes items #9, 10, & 15)
8	5101193	1	PULLEY-IDLER, 5.00OD, .385ID, .75W, STL
9	5103262	2	SPACER, IDLER ARM, 1/2, PM
10	5103812	1	SPACER, .52 X .84 X 1.53, PM
11	5025013X12	1	BOLT, 3/8-16 X 1-1/2" GD5 CZ
12	5102013	1	BELT, HB SEC, 81.2EL
13	5414868A	1	PLATE, IDLER ARM ADAPTER - BLK
14	5025013X20	1	BOLT, 3/8-16 X 2-1/2" GD5 CZ
15	7078243	2	BEARING, BALL, AXLE
16	5100314	1	SPACER, .52 X 1.75 X .63, CZ
17	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ
18	5044960	1	SPACER, .39 X 1.00 X .25, PM, CZ -(S/N: 2017462977 & Below)
19	5025165	1	WASHER-3/8 FENDER -(S/N: 2017462977 & Below)
20	5025401	2	WASHER, 3/8 USS -(S/N: 2017462978 & Above)

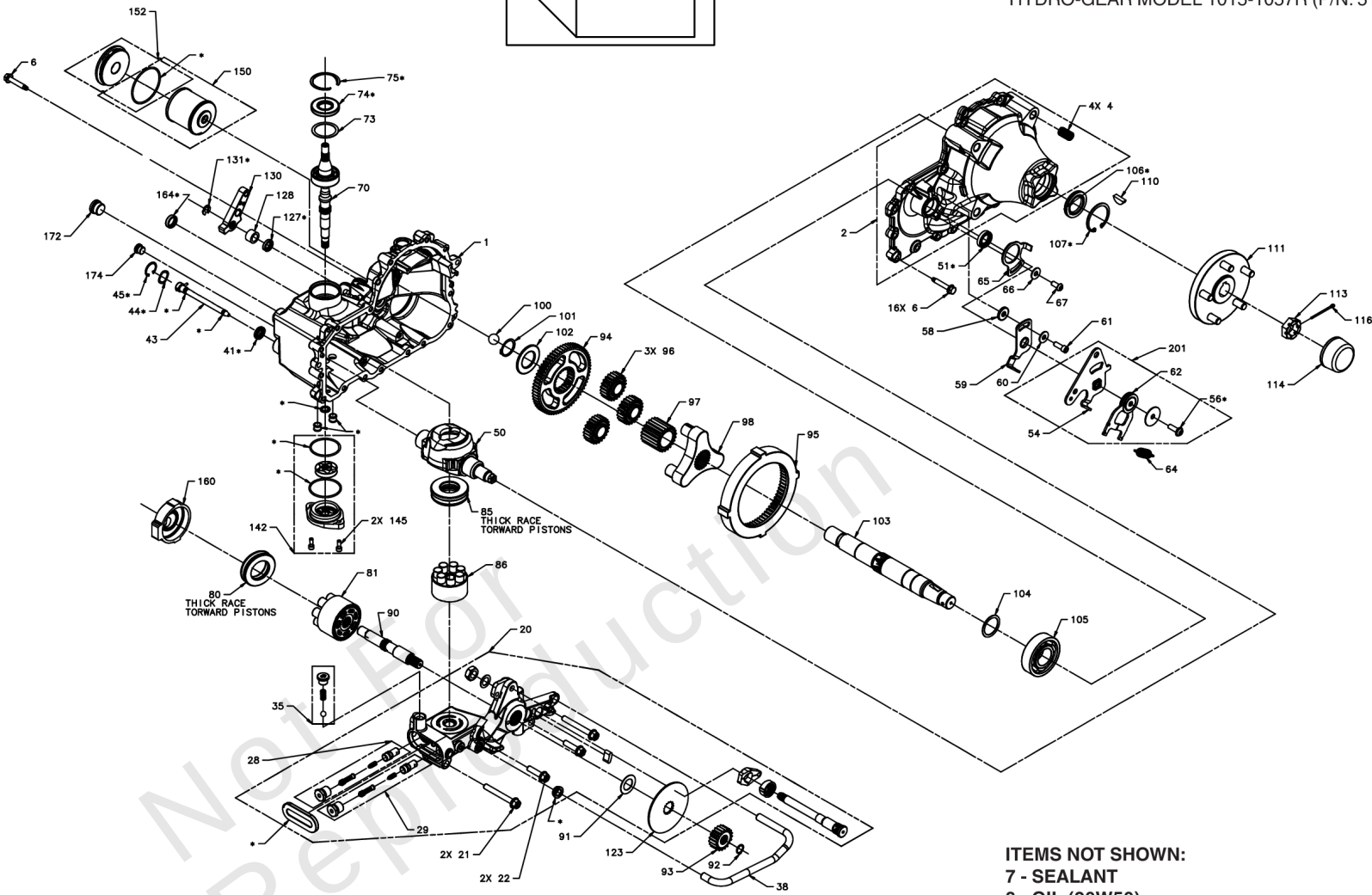
Transaxle SERVICE PARTS - ZT5400

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901524



HYDRO-GEAR MODEL 1015-1014L (P/N: 5101988)
HYDRO-GEAR MODEL 1015-1014R (P/N: 5101987)
HYDRO-GEAR MODEL 1015-1017L (P/N: 5102254)
HYDRO-GEAR MODEL 1015-1017R (P/N: 5102253)
HYDRO-GEAR MODEL 1015-1024L (P/N: 5102870)
HYDRO-GEAR MODEL 1015-1024R (P/N: 5102871)
HYDRO-GEAR MODEL 1015-1057L (P/N: 5103964)
HYDRO-GEAR MODEL 1015-1057R (P/N: 5103963)



ITEMS NOT SHOWN:
7 - SEALANT
8 - OIL (20W50)
200 - SEAL KIT (*) PARTS INCLUDED IN SEAL KIT

Transaxle SERVICE PARTS - ZT5400

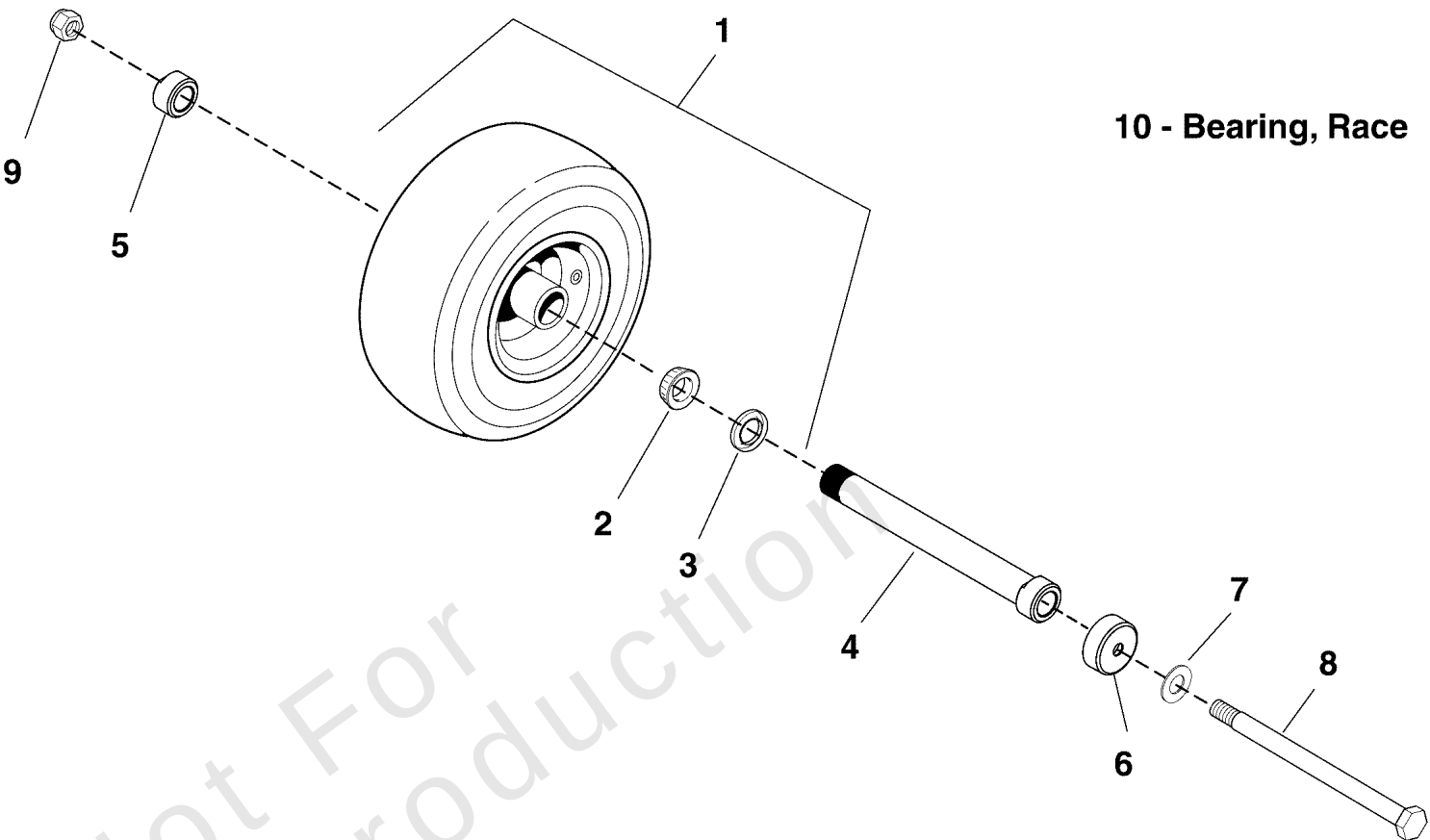
REF NO	PART NO	QTY	DESCRIPTION
114	5101987X5YP	1	Axle Cap (SV) -(Hydro-Gear P/N 53724)
150	5101987X2YP	1	Kit, Filter (SV) -(Hydro-Gear P/N 71943)
200	84009762	1	KIT, SEAL -(Hydro-Gear P/N 71945)
51	84003309	1	KIT, CONTROL ARM SEAL -(Hydro-Gear P/N 55526)
64	1735483SM	1	SPRING, Extension -(Hydro-Gear P/N 52401)
70	84003310	1	KIT, INPUT SHAFT (BEARING AND SHAFT ONLY) -(Hydro-Gear P/N 71941)
74	84003311	1	KIT, INPUT SEAL -(Hydro-Gear P/N 51280)
106	84003314	1	KIT, AXLE SEAL -(Hydro-Gear P/N 53008)
111	84003312	1	ASSM, HUB, STANDARD AXLE TRANSMISSIONS (ZT5400) -(Hydro-Gear P/N 72039)
111	84003313	1	ASSM, HUB, LONG AXLE TRANSMISSIONS (ZT5400) -(Hydro-Gear P/N 72102)
127	84009095	1	SEAL, SHAFT -(Hydro-Gear P/N 55523)(Refer to Note: *)
1000	84009788	1	KIT, TRANSAXLE SERVICE PARTS -(Includes 10 Qts oil, 2 oil filters, 2 fittings, 2 vent hoses, 2 vent hose plugs, and 2 hose clamps.)

Footnotes:

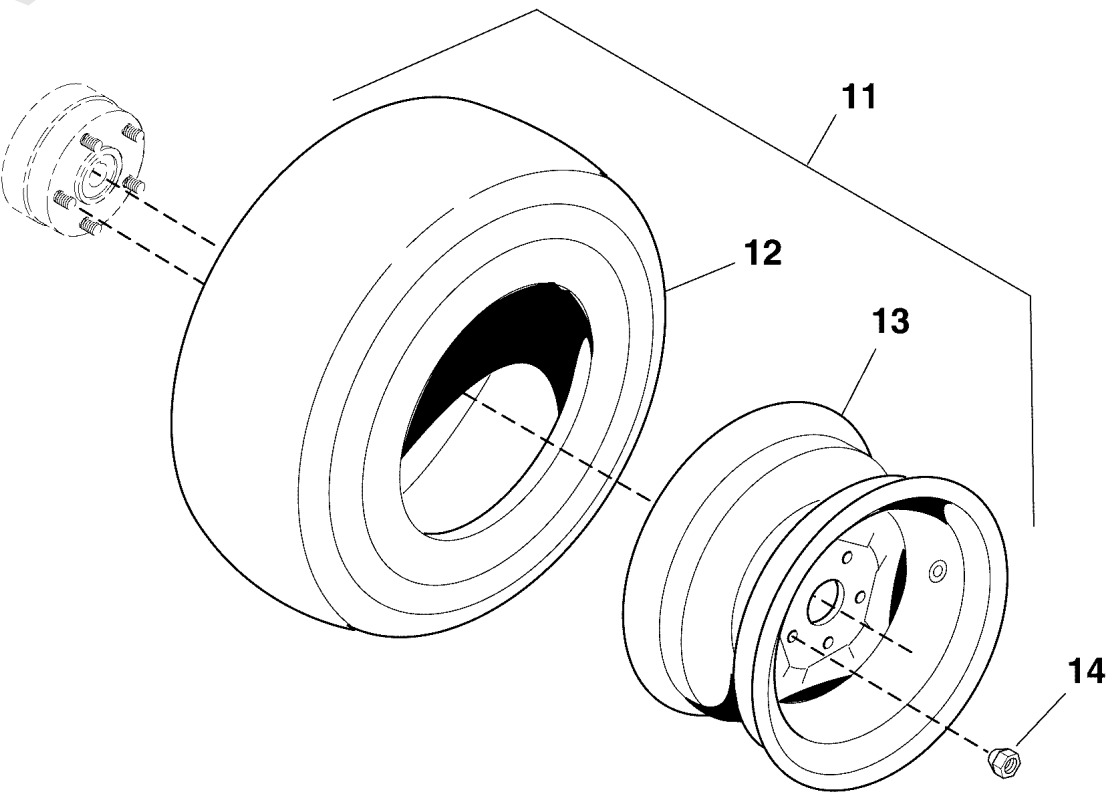
Note: *See F173 Service Bulletin/55949 HG Seal to ensure correct seal is being used.

5304418

Front Wheels & Tires



Rear Wheels & Tires



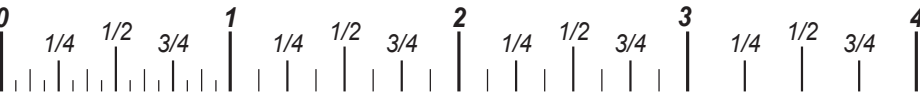
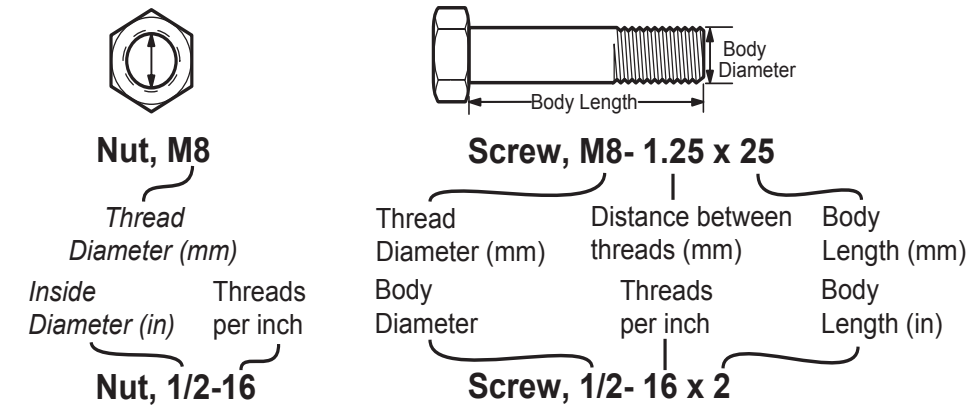
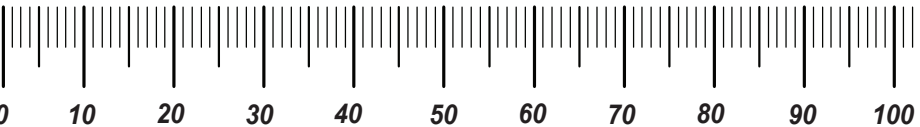
Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	5023279	2	TIRE ASSM, 13 X 6.5 - 6, FF / TB
2	5022631SX2	2	BEARING, Tapered Roller -(2 per tire)
3	5022631SX3	2	SEAL, GREASE -(2 per tire)
4	5103649	2	BEARING ADJUSTER, SPACER, 7.062 LG
5	5103650	2	NUT, BEARING ADJUSTER, AXLE
6	5103594	4	DEBRIS, COVER, CASTER WHEELS
7	5025158	2	WASHER, 1/2 SAE
8	5025017X72	2	BOLT, 1/2-13 X 9 GD5 CZ
9	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
10	5022631SX4	4	BEARING, RACE -(Not illustrated)
11	5104380	2	TIRE/WHEEL ASM, 26X12.00-12, TURF SMART -(S/N: 4000798695 and below)
11	5108099	2	TIRE WHEEL ASM, 26X12.00-12, MULTI-TRAC -(S/N: 4000798696 and above)
12	5104380X2	2	TIRE, TURF SMART, 26X12.00-12 4 PLY (SV) -(S/N: 4000798695 and below)
12	84003893	2	TIRE, 26 X 12 - 12 -(S/N: 4000798696 and above)
13	5104380X1	2	WHEEL, 12 X 9.5, SOLD, 4.063" OFFSET (SV)
14	5020601	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER

Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	 Class 5.6		 Class 8.8		 Class 10.9		 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

The guides and ruler furnished below are designed to help you select the appropriate hardware.



Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

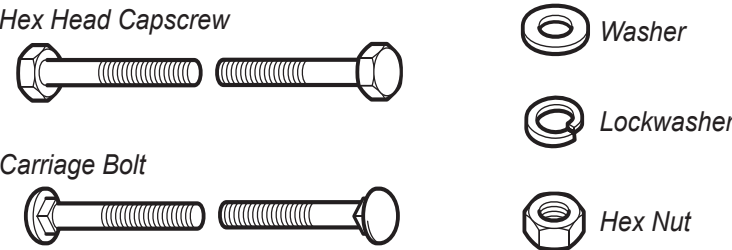
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 SAE Grade 2		 SAE Grade 5		 SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	29	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types



Wrench & Fastener Size Guide

 1/4" Bolt or Nut Wrench—7/16"	 5/16" Bolt or Nut Wrench—1/2"	 3/8" Bolt or Nut Wrench—9/16"	 7/16" Bolt or Nut Wrench (Bolt)—5/8" Wrench (Nut)—11/16"	 1/2" Bolt or Nut Wrench—3/4"
M6 Bolt or Nut Wrench—10mm	M8 Bolt or Nut Wrench—13mm	M10 Bolt or Nut Wrench—17mm	M12 Bolt or Nut Wrench—19mm	M14 Bolt or Nut Wrench—22mm

