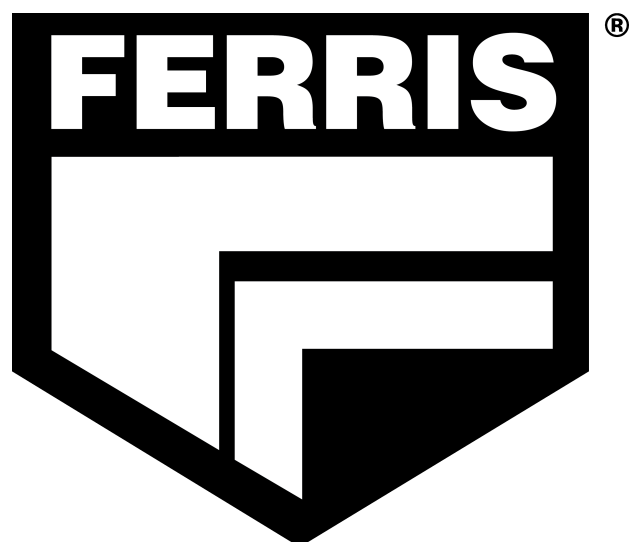




Parts Manual

Mfg. No: 5901357

IS3200Z Series w/ 72" Mower Deck &
ROPS (IS3200ZKAV3572)



5600860 - Kit, Trailer Hitch (IS3100/IS3200/F320).....	
5023279 - Flat Free Tire Assembly w/ Tapered Bearings SILVER (13 X 6.5 - 6).....	
5600587 - Mulch Kit for ZTR w/ 72" iCD Deck - S/N: 2015425347 & Above.....	
5600891 - Roll Bar Mounted LED Headlight Kit.	

Not For
Reproduction

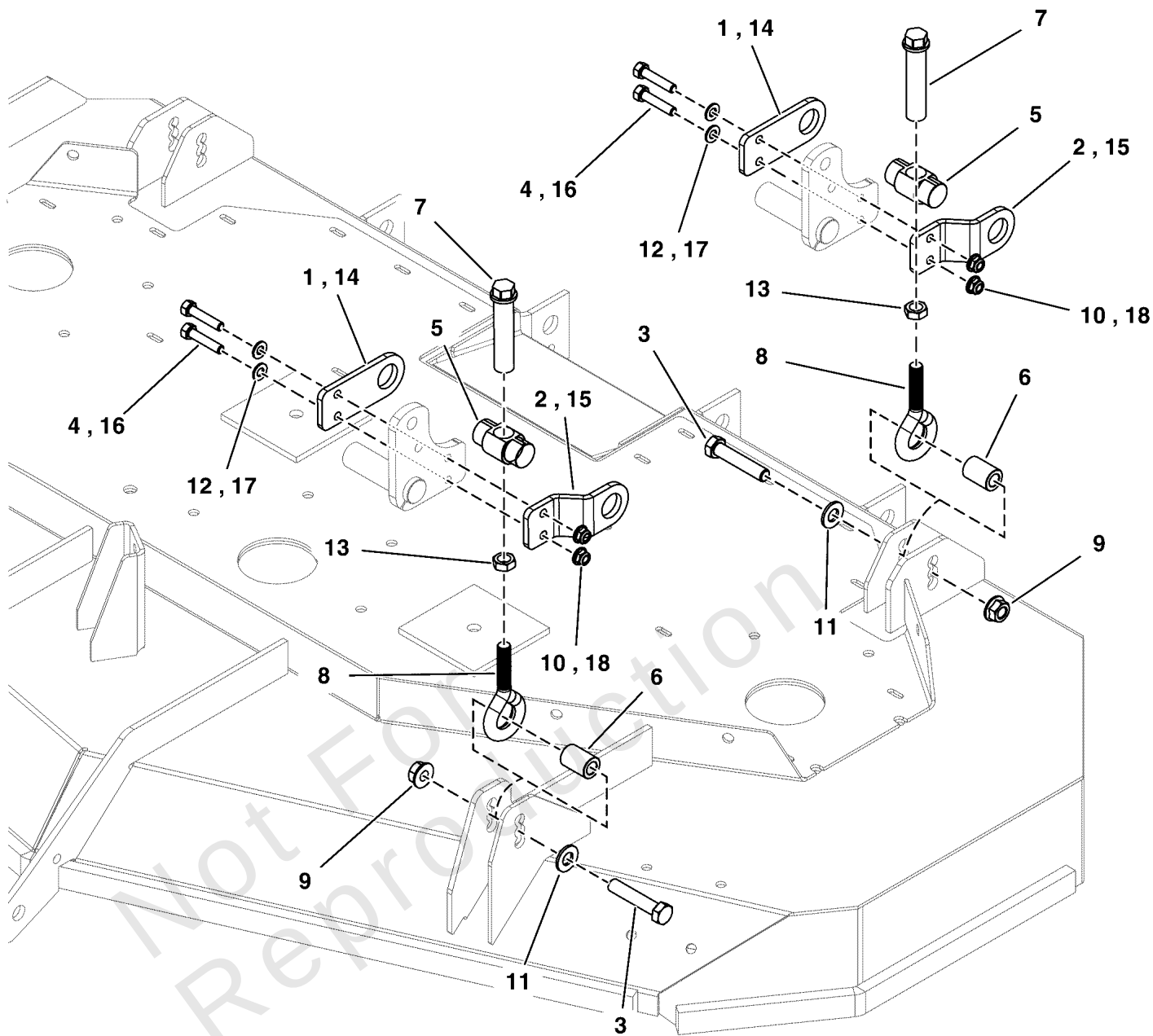
Model Components	Page
61" & 72" Mower Deck - Deck Hangers.	4
61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978507 & Below.	6
61" & 72" Mower Deck Group - Pusher Bars S/N: 2017978508 & Above.	8
72" Mower Deck - Housing, Covers, Spindles & Blades.	10
72" Mower Deck - Pulleys, Belt, & Idler Arm.	12
72" Mower Deck Group - Rollers S/N: 2017954955 & Below.	14
Decal Group - Brand & Model S/N: 2017243270 & Below.	16
Decal Group - Brand & Model S/N: 2017243271 & Above.	18
Decal Group - Safety & Operation (USA Models).	20
Deck Lift Group.	22
Electrical Group - Briggs & Stratton & Kawasaki Carbureated Models.	26
Electrical Schematic - Charging Circuit - Kawasaki FX S/N: 2017360078 & Below.	28
Electrical Schematic - Charging Circuit - Kawasaki FX S/N: 2017360079 & Above.	30
Electrical Schematic - Cranking Circuit - Kawasaki FX S/N: 2017360078 & Below.	32
Electrical Schematic - Cranking Circuit - Kawasaki FX S/N: 2017360079 & Above.	34
Electrical Schematic - Ign. Ground Circuit / Op Pres. - Kawasaki FX S/N: 2017360078 & Below.	36
Electrical Schematic - Ign. Ground Circuit / Op Pres. - Kawasaki FX S/N: 2017360079 & Above.	38
Electrical Schematic - PTO Clutch Circuit - Kawasaki FX S/N: 2017360078 & Below.	40
Electrical Schematic - PTO Clutch Circuit - Kawasaki FX S/N: 2017360079 & Above.	42
Engine & PTO Group.	44
Engine Service Parts - Kawasaki (FX651V - FX1000V).	48
Fuel Supply Hose, Tank Replacement Parts, and EVAP Group.	50
Fuel Tank & Mount Group.	52
Hydraulic Group.	54
Instrument Control Panel - All Other Models.	56
Main Frame & Front Suspension Group.	58
Motion Control Group - Control System S/N: 4002340028 and Below.	60
Motion Control Group - Handles & Dampeners.	62
Parking Brake Group.	64
Rear Bumper and ROPS Group S/N: 4000161087 and Below.	66
Rear Suspension Group.	68
Seat Plate & Floor Group.	70
Seat Replacement Parts - 5103372 & 5104719.	72
Spindle Service Parts - 84003242 / 84007984.	74
Transaxle Drive Group S/N: 2018015083 & Below.	76
Transaxle SERVICE PARTS - ZT5400.	78
Wheel & Tire Group.	80
Torque Specification Chart.	82

61" & 72" Mower Deck - Deck Hangers

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303886A
5303958A



61" & 72" Mower Deck - Deck Hangers

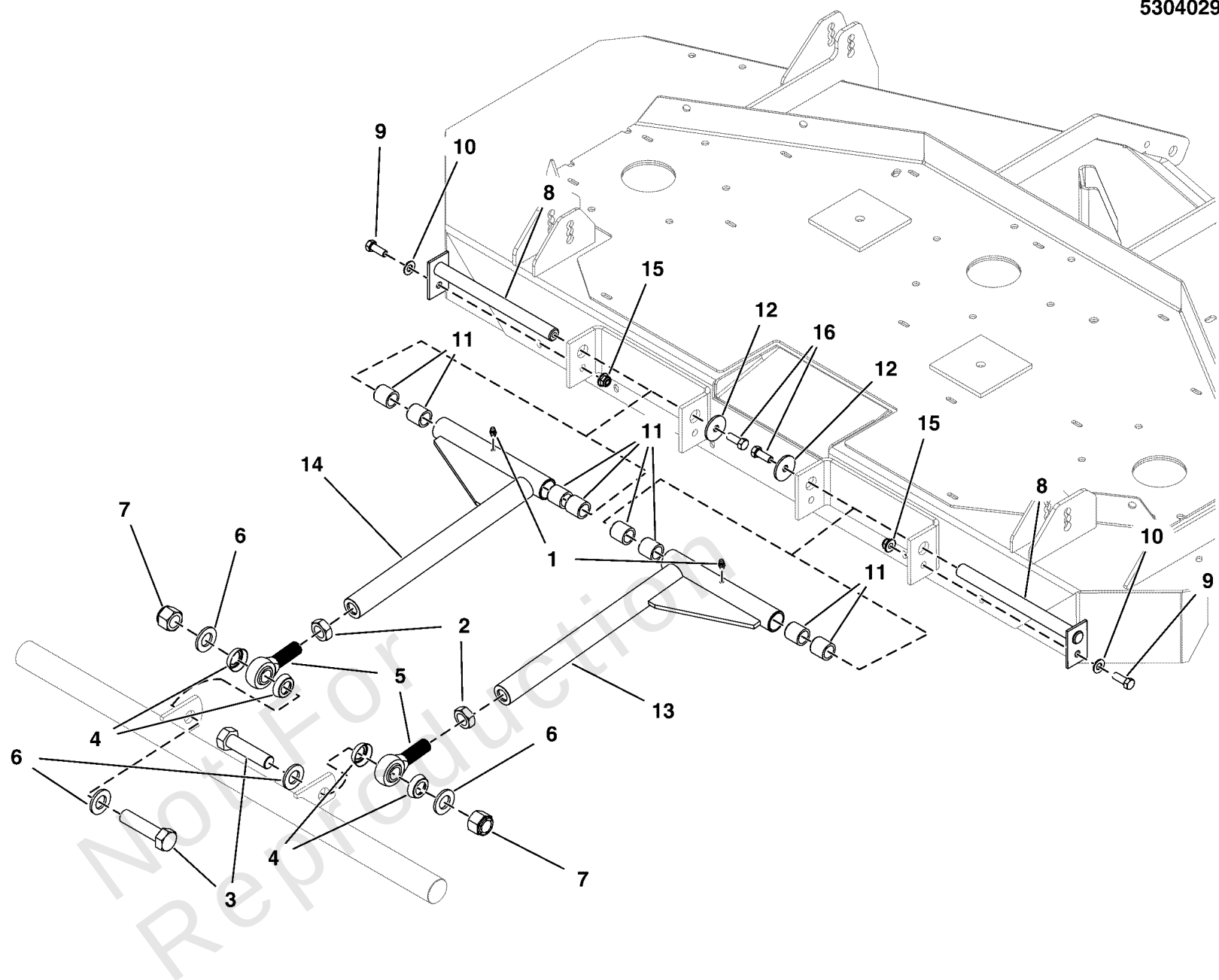
REF NO	PART NO	QTY	DESCRIPTION
1	5412287B	4	BRACKET, INNER TRUNION MOUNT - RED -(S/N: 2017102063 & Below)
2	5412286B	4	BRACKET, OUTER TRUNION MOUNT - RED -(S/N: 2017102063 & Below)
3	5025017X20	4	BOLT, 1/2-13 X 2-1/2" GD5 CZ
4	5025011X12	8	BOLT, 5/16-18 X 1-1/2 GD5 CZ -(S/N: 2017102063 & Below)
5	5104238	4	PIVOT, DECK LIFT TRUNION, GREASABLE
6	5103054	4	SPACER, .52 X .87 X 1.25, CZ
7	5109915FS	4	ADJUSTER, HEIGHT
8	5025615	4	EYE BOLT, 1/2-20X6", 2.5"THRD,
9	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
10	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE -(S/N: 2017102063 & Below)
11	5025158	4	WASHER, 1/2 SAE
12	5025155	8	WASHER, 5/16" SAE -(S/N: 2017102063 & Below)
13	5025089	4	NUT, 1/2-20 HEX JAM
14	5413900AA	4	BRACKET, INNER TRUNION MNT - BLK -(S/N: 2017102064 & Above)
15	5413899AA	4	BRACKET, OUTER TRUNION MNT - BLK -(S/N: 2017102064 & Above)
16	5025013X12	8	BOLT, 3/8-16 X 1-1/2" GD5 CZ -(S/N: 2017102064 & Above)
17	5025156	8	WASHER, 3/8 SAE -(S/N: 2017102064 & Above)
18	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE -(S/N: 2017102064 & Above)

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

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

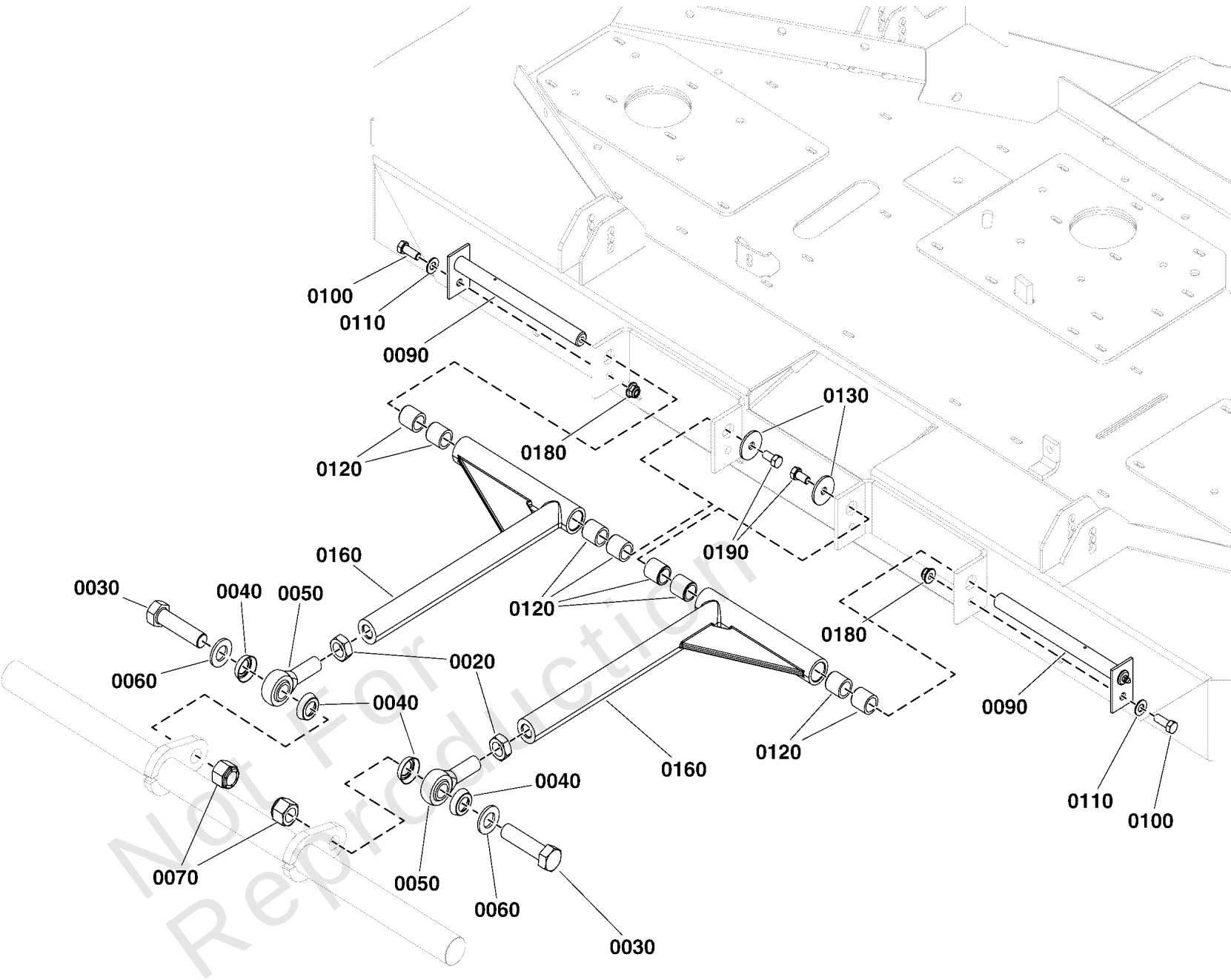
Footnotes:

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: 5901357



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

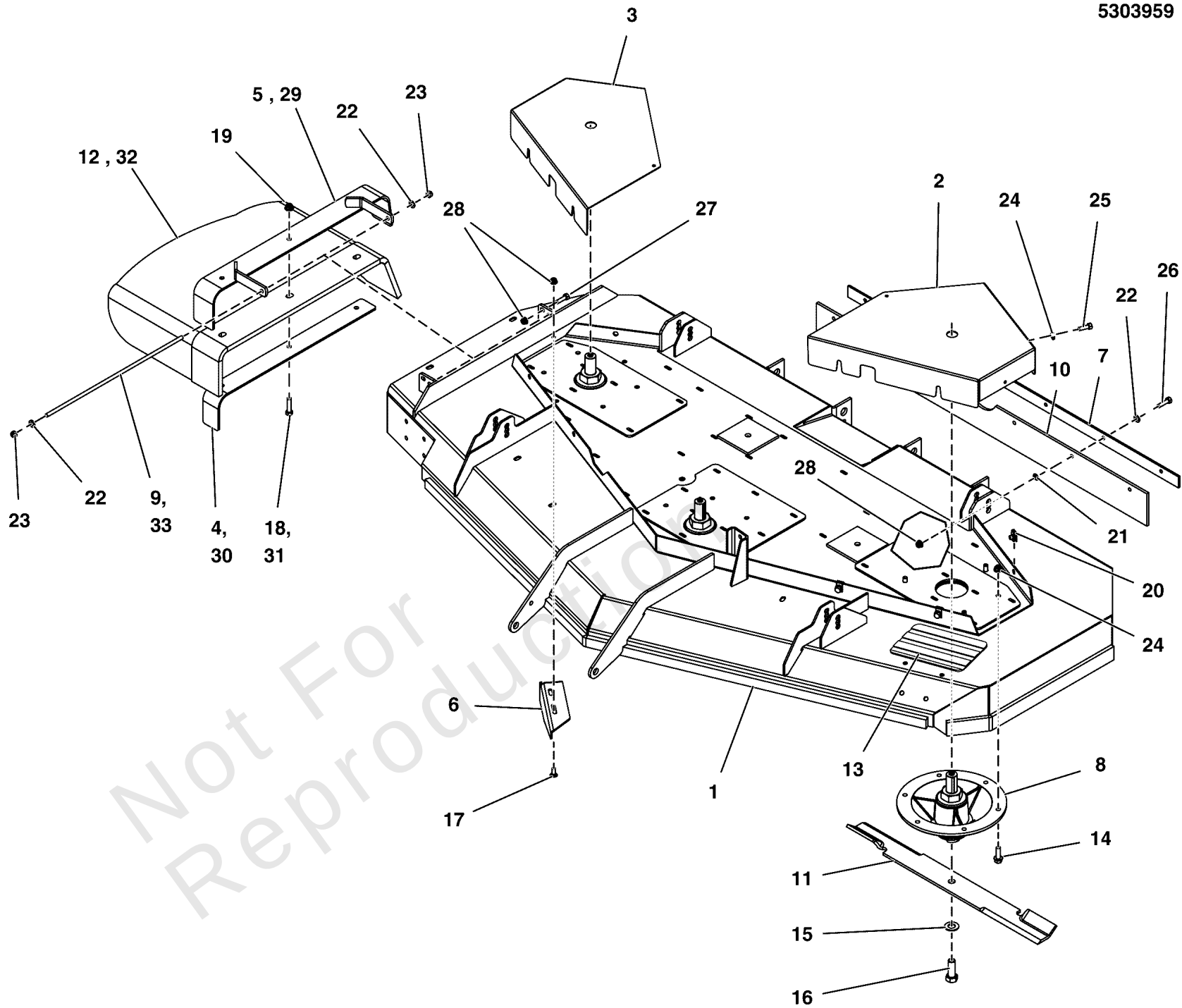
REF NO	PART NO	QTY	DESCRIPTION
0020	5025093	2	NUT, Hex, Jam, 3/4-16
0030	5025265X24	2	BOLT, 3/4-16 X 3" YZ GD5
0040	5022111	4	SEAL, 3/4" ROD END
0050	5022039	2	BALL JOINT, 3/4-16, MALE
0060	5025160	4	WASHER, 3/4 SAE
0070	5025284	2	NUT, Hex, Nylon Lock, 3/4-16
0090	5415240	2	WELD, DECK MOUNT SHAFT
0100	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

72" Mower Deck - Housing, Covers, Spindles & Blades

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303959



72" Mower Deck - Housing, Covers, Spindles & Blades

REF NO	PART NO	QTY	DESCRIPTION
1	5600840	1	* DECK SHELL W/ DECALS, 72, 3200-DOM -(5413408B - Domestic Models)
1	5600841	1	* DECK SHELL W/ DECALS, 72, 3200, ANSI-EXP -(5413408B - Ansi-Exp Models)
2	5413538B	1	GUARD, LH, IS3200Z-72 - RED
3	5413537B	1	GUARD, RH, IS3200Z-72 - RED
4	5408018A	1	SUPPORT, DISCHARGE CHUTE, 61/72 - BLK -(S/N: 2017118253 & Below)
5	5408016A	1	WELD, FRAME, CHUTE, 72 - BLK -(S/N: 2017118253 & Below)
6	5407876A	1	PLATE, DEFLECTOR, 72 - BLK
7	5406164AAFS	1	PLATE
8	84007984	3	SPINDLE ASSEMBLY -(S/N: 2017458254 and below)
8	84003242	3	SPINDLE ASSEMBLY -(S/N: 2017458255 and above)
9	5103045	1	ROD, MOUNT, CHUTE, 72, CZ -(S/N: 2017118253 & Below)
10	5102621	1	FLAP, STRIPER, 72 DECK
11	5102227S	1	BLADE SET, 72 DECK (SET OF THREE)
12	5404834	1	CHUTE, DISCHARGE, BEND RUBBER (SV) -(S/N: 2017118253 & Below)(5101799)
13	5101005	1	SAFETY WALK, 9.75 X 6.00
14	5025390X10	18	BOLT, 3/8-16 X 1-1/4, FLANGE, GD 5, CZ
15	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
16	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
17	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
18	5025013X12	3	BOLT, 3/8-16 X 1-1/2" GD5 CZ -(S/N: 2017118253 & Below)
19	5025394	21	NUT, 3/8-16 HEX NYLOCK FLANGE
20	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
21	5025498	2	5/16 PUSH-ON NUT RETAINER, STL, CZ
22	5025155	8	WASHER, 5/16" SAE
23	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
24	5025292	6	WASHER, 5/16 F436 FLAT
25	5025011X8	6	BOLT, 5/16-18 X 1 GD5 CZ
26	5025011X10	6	BOLT, 5/16-18 X 1-1/4 GD5 CZ
27	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
28	5025392	9	NUT, 5/16-18 HEX NYLOCK FLANGE
29	84008171	1	MOUNT -(S/N: 2017118254 & Above)
30	5413385A	1	SUPPORT, DISCHARGE CHUTE - BLK -(S/N: 2017118254 & Above)
31	5025146X12	3	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ -(S/N: 2017118254 & Above)
32	84011105	1	CHUTE, RUBBER DISCHARGE -(S/N: 2017118254 & Above)(5104442)
33	5061300	1	ROD, MOUNT, CHUTE 61, CZ -(S/N: 2017118254 & Above)

Footnotes:

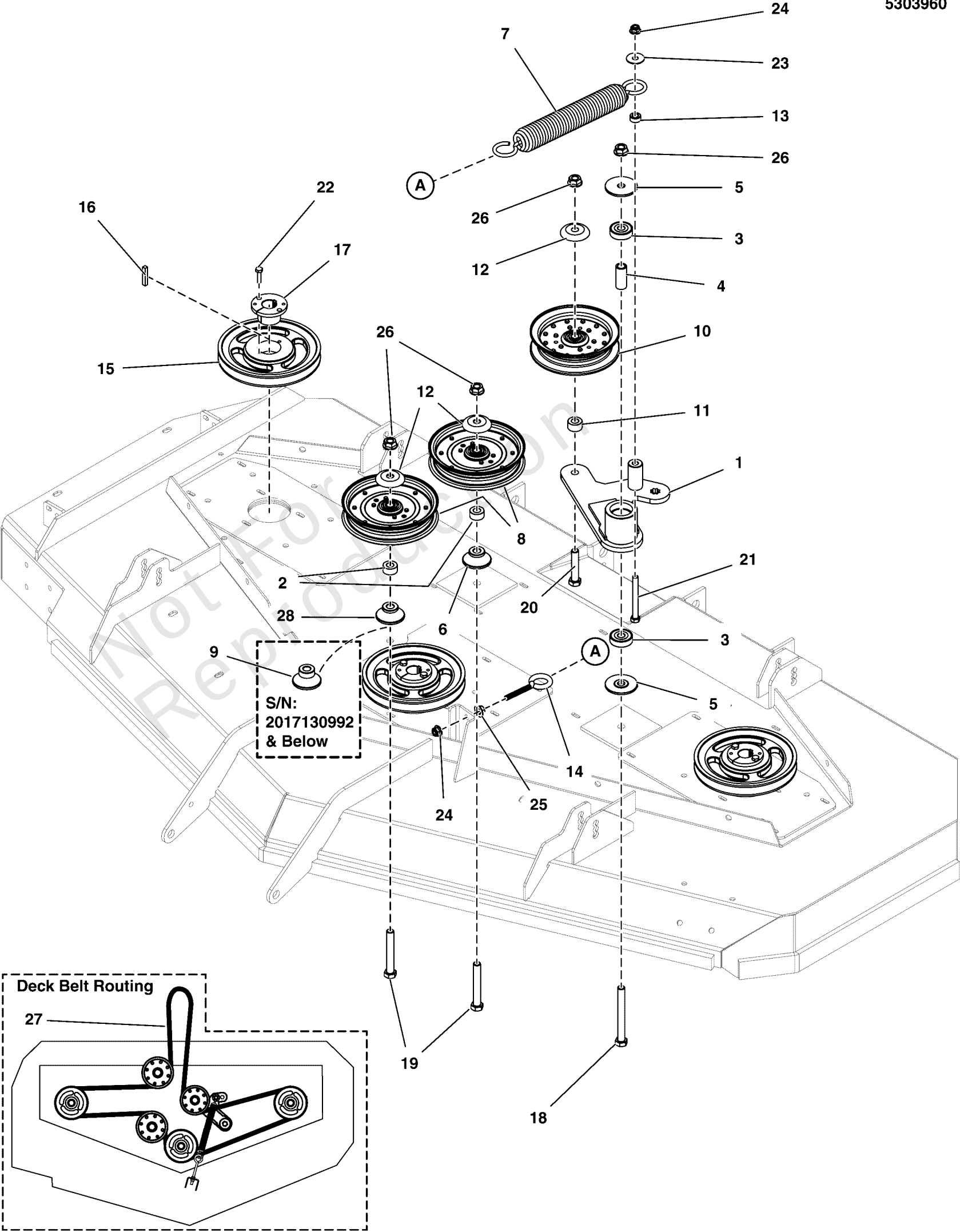
* If you replace the mower deck on a machine in the serial number range 2017118253 & Below you must also order the new discharge chute components.

72" Mower Deck - Pulleys, Belt, & Idler Arm

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303960



72" Mower Deck - Pulleys, Belt, & Idler Arm

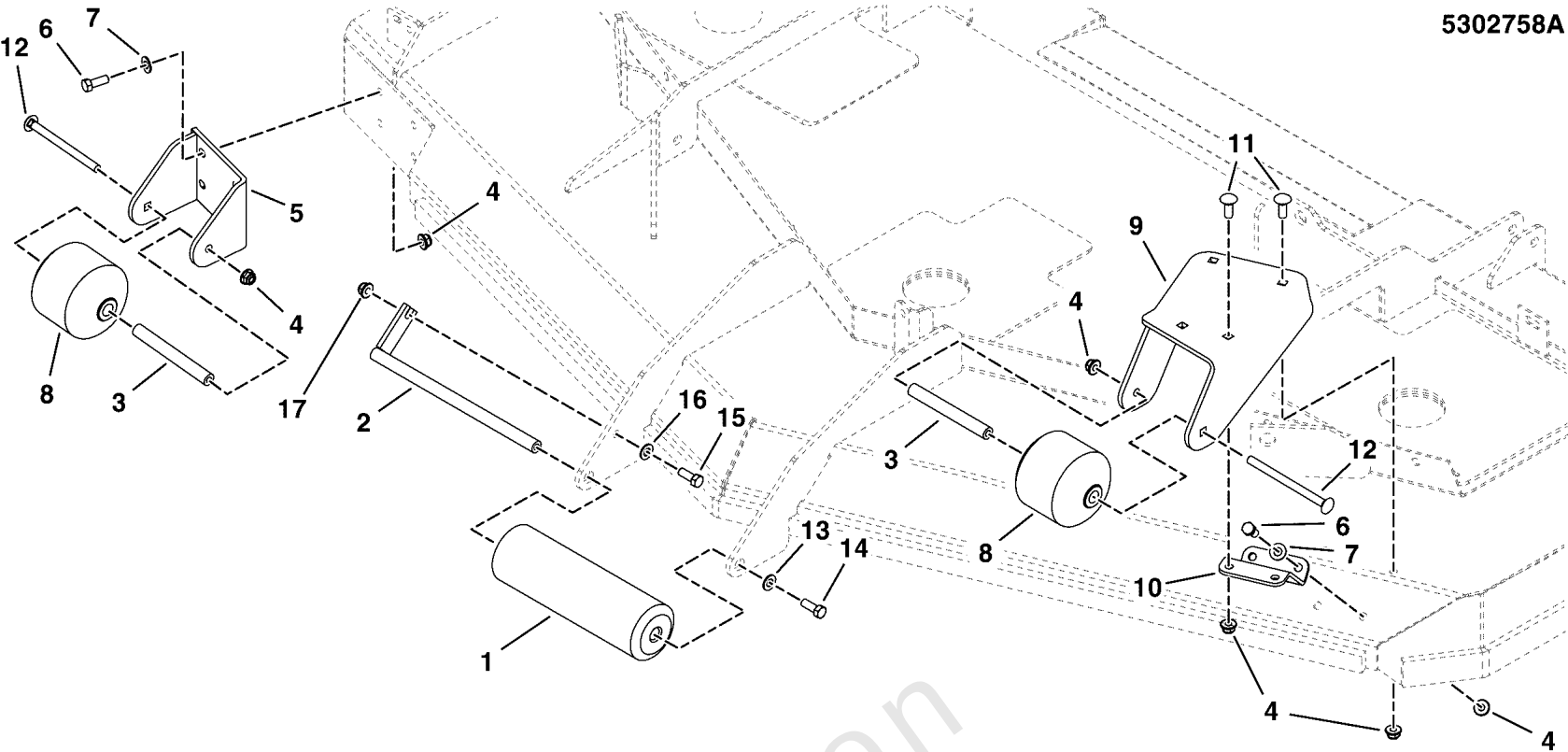
REF NO	PART NO	QTY	DESCRIPTION
1	5413363A	1	WELD, IDLER ARM, CUTTER DECKS - BLK
2	5104482	2	SPACER, .52 X 1.00 X .50, CZ
3	5104383	2	BEARING, 6203-1/2", SEALED
4	5104381	1	SPACER, .510 X .750 X 1.749, CZ
5	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
6	5104342	1	IDLER MOUNT, .88 HIGH
7	5104166	1	SPRING, EXT, 1.5ODX12.25X.234WIRE BLK
8	-----	2	Replace with: Pulley #5104717 & Debris Shield #5105145
9	5103430	1	IDLER MOUNT -(S/N: 2017130992 & Below)
10	-----	1	USE 5104716 PULLEY + 5105145 SHIELD
11	5101162	1	SPACER, .52 X 1.00 X .56, PM, CZ
12	5101103	3	SHIELD, PULLEY BEARING, CZ
13	5102406	1	SPACER, .38 X 1.13 X .781 STEP, CZ
14	5025429	1	EYEBOLT, 3/8-16 X 4, 2.13THRD, .75EYE, C
15	5104528	3	PULLEY, 7.632"OB, HQ BORE, SPLIT STEEL
16	5022726	3	KEY 1/4 SQ X 1 1/2 LONG
17	5020819	3	BUSHING, TAPERED HUB
18	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5 CZ
19	5025017X28	2	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
20	5025017X20	1	BOLT, 1/2-13 X 2-1/2" GD5 CZ
21	5025013X32	1	BOLT, 3/8-16 X 4" GD5 CZ
22	5025010X8	6	BOLT, 1/4-20 X 1" GD5 CZ
23	5025165	1	WASHER-3/8 FENDER
24	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
25	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
26	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
27	5104059	1	BELT, SPB/XPB 193.9" EL, LRG ARAMID, 2T
28	5104342	1	IDLER MOUNT, .88 HIGH -(S/N: 2017130993 & Above)

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5302758A



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

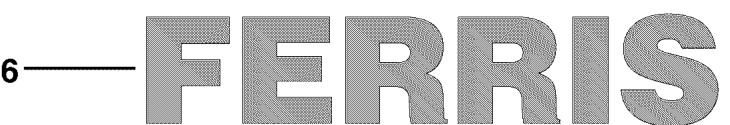
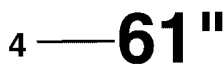
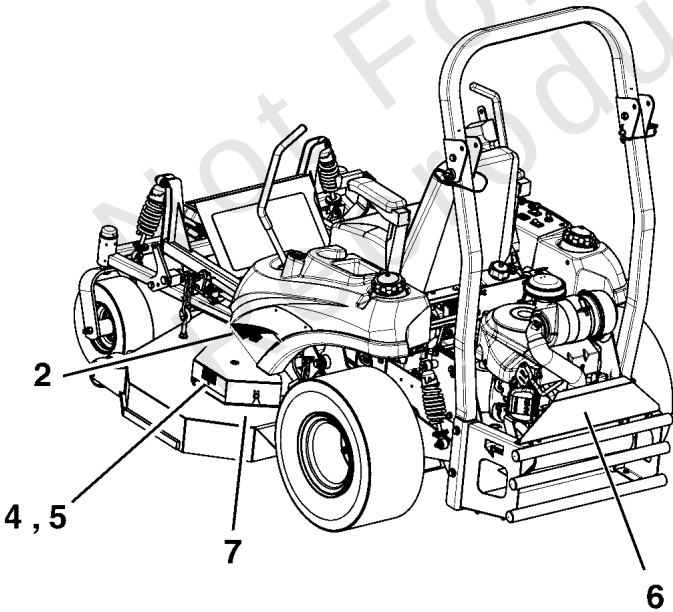
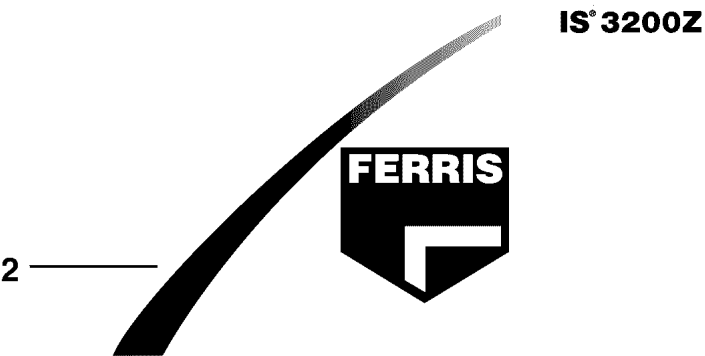
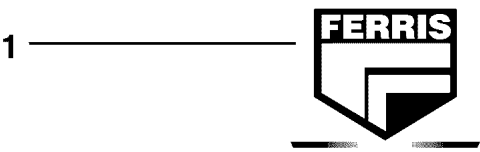
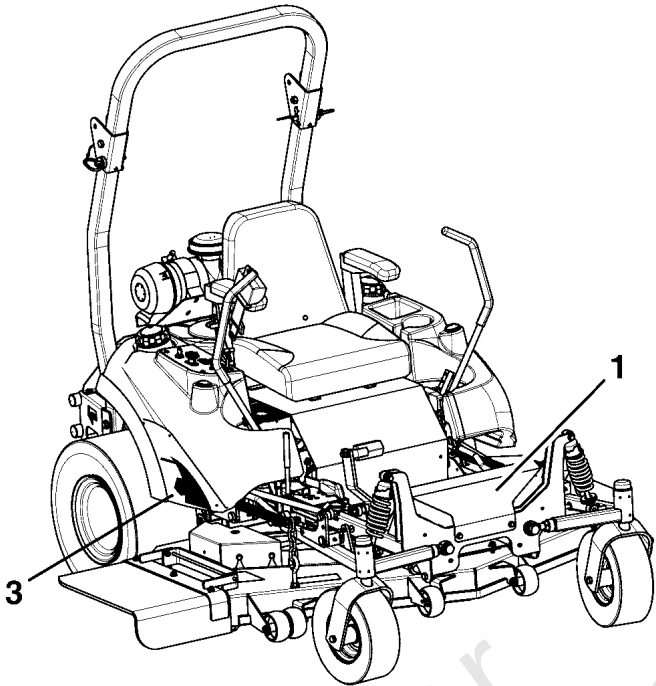
REF NO	PART NO	QTY	DESCRIPTION
1	5020785	1	ROLLER, DECK
2	5041655A	1	USE 5105755 - WELD, BRKT,ROLLER PIN,BLK
3	5101971	2	SPACER, .38 X .63 X 4.31
4	5025394	12	NUT, 3/8-16 HEX NYLOCK FLANGE
5	5409705B	1	PLATE, BRACKET, ANTI-SCALP - RED
6	5025013X8	6	BOLT, 3/8-16 X 1" GD5 CZ
7	5025156	6	WASHER, 3/8 SAE
8	5022060	2	ROLLER, SMALL
9	5408127B	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	5025337	1	WASHER, 5/16 USS
14	5025013X6	1	BOLT, 3/8-16 X 3/4" GD5 CZ
15	5025011X8	1	BOLT, 5/16-18 X 1 GD5 CZ
16	5025292	1	WASHER, 5/16 F436 FLAT
17	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE

Decal Group - Brand & Model S/N: 2017243270 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303890
5304023



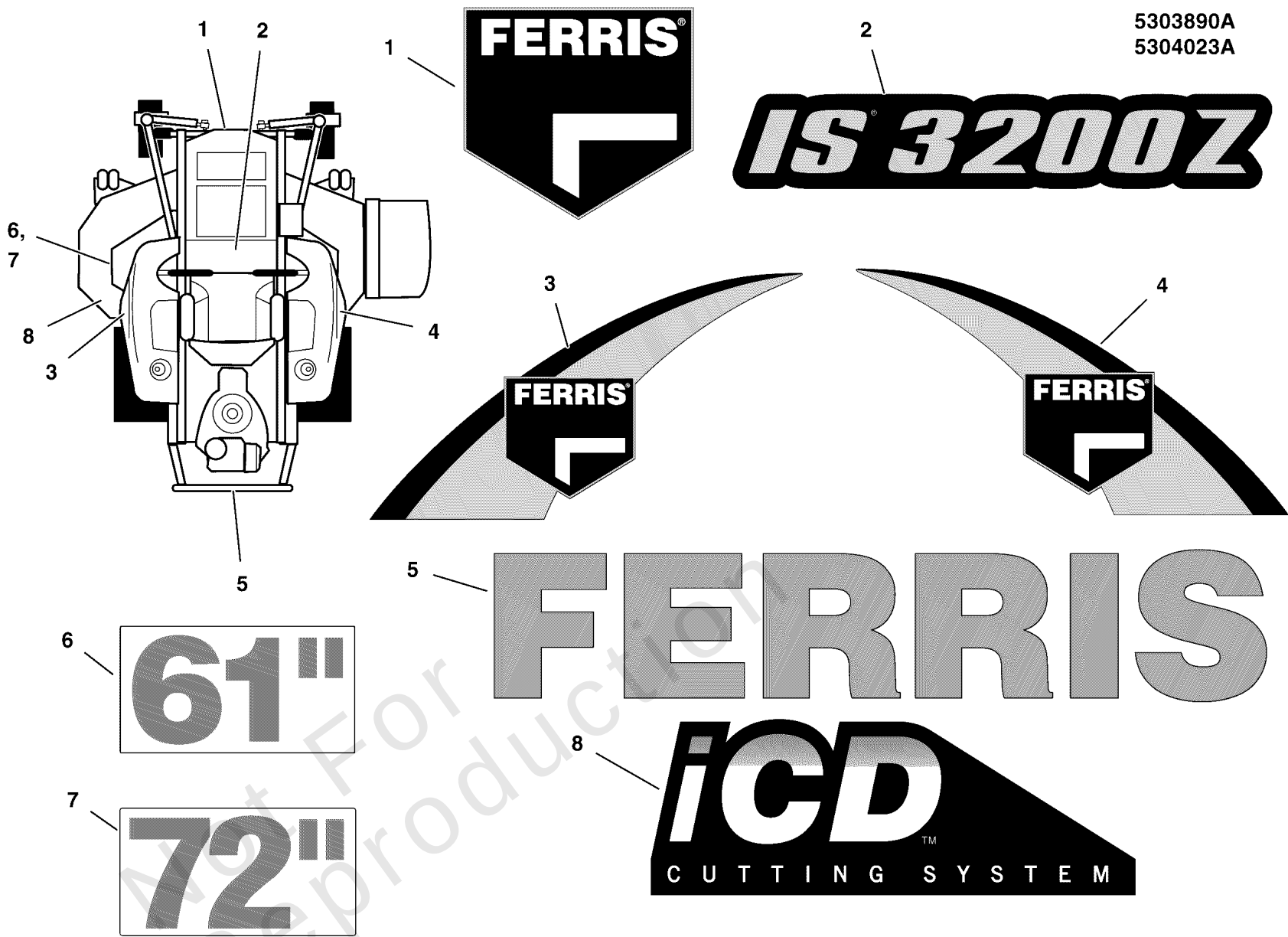
Decal Group - Brand & Model S/N: 2017243270 & Below

REF NO	PART NO	QTY	DESCRIPTION
1	5104477	1	DECAL, FERRIS, FRONT BADGE
2	5104478	1	DECAL, BADGE, IS3200Z, LH
3	5104479	1	DECAL, BADGE, IS3200Z, RH
4	5022813	1	DECAL, 61 -(61" Models Only)
5	5022814	1	DECAL, 72 -(72" Models Only)
6	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
7	5102210	1	DECAL, iCD CUTTING SYSTEM

Decal Group - Brand & Model S/N: 2017243271 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357



Decal Group - Brand & Model S/N: 2017243271 & Above

REF NO	PART NO	QTY	DESCRIPTION
1	5104756FS	1	DECAL, BRAND
2	5104758FS	1	DECAL, MODEL
3	5108857FS	1	DECAL, Model, Left Hand -(Refer to Note: *)
4	5108858FS	1	DECAL, MODEL, RIGHT HAND -(Refer to Note: *)
5	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
6	5022813	1	DECAL, 61 -(61" Models Only)
7	5022814	1	DECAL, 72 -(72" Models Only)
8	5102210	1	DECAL, iCD CUTTING SYSTEM

Not For
Reproduction

Footnotes:

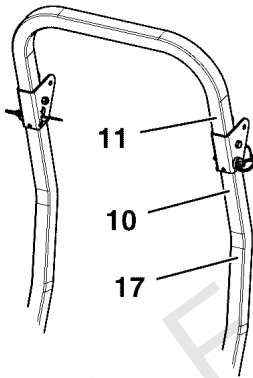
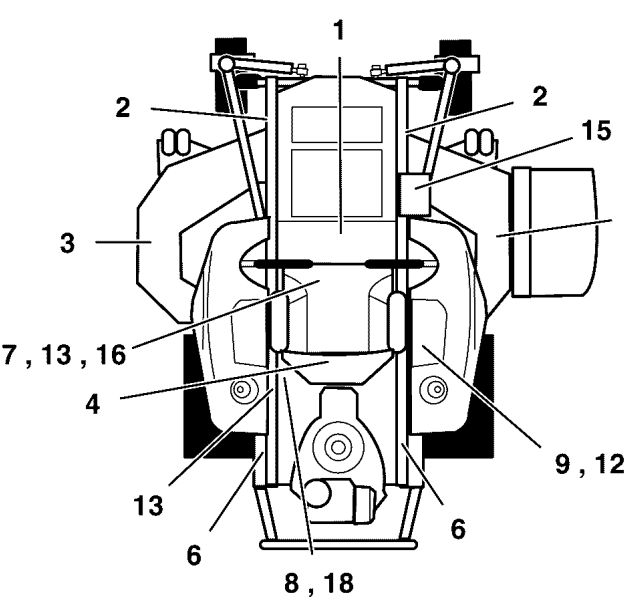
Note: *Replacement Tank Badge Decals are visually different it is recommended that you replace both at the same time.

Decal Group - Safety & Operation (USA Models)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303963
5304112



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.

DANGER

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 006 578 656

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.

INCHES () = CM

3/4" (1.90) 1/2" (1.27) 1/4" (.64)

4" (10.2) 3" (7.6) 2" (5.1) 1" (2.5)

Belts & Blades

Tractor	
Pump Drive Belt	5104378
61" Mower	
Deck Drive Belt	5103616
Mower Blade (Set)	5101755S
72" Mower	
Deck Drive Belt	5104059
Mower Blade (Set)	5102227S

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.

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 (USA Models)

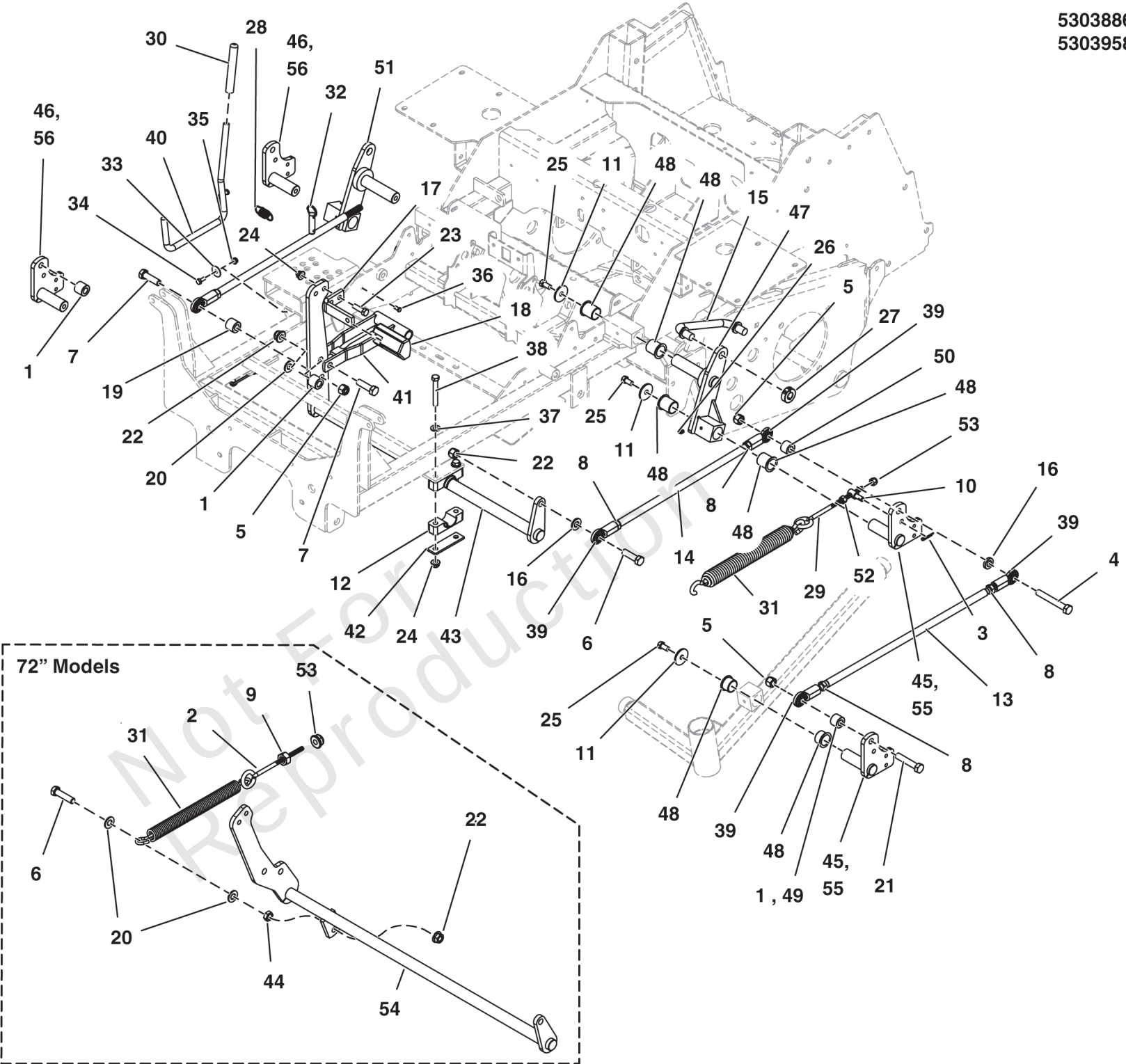
REF NO	PART NO	QTY	DESCRIPTION
1	5103595	1	DECAL, MAIN SAFETY
2	5061245	2	DECAL, PINCH POINT
3	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
4	5103184	1	DECAL, WARNING, HAND IN BELT, ENG ONLY
5	5103619	1	DECAL, MANUAL AVAIL IN SPANISH
6	5100683	2	DECAL, WARNING, ROLL BAR
7	5102090	1	DECAL, TRANSAXLE RELEASE, S200XT
8	5100342	1	DECAL, FUEL VALVE
9	5100280	1	DECAL, THROTTLE CONTROL
10	5104082	1	DECAL, WARNING, FOLDING ROPS
11	5100405	1	DECAL, WARNING, OVERHAND, ROPS
12	5048970	1	DECAL, IGNITION SWITCH
13	5100957	1	DECAL, HYDRAULIC OIL, SAE 20W50 -(Located on cross rail by hydraulic tanks)
14	5104043	1	DECAL, FUSE LOCATION, IS2100 -(Located on cross rail above fuse block)
15	5103720	1	DECAL, CUT HEIGHT, IS700/ZTS700
16	5104499	1	DECAL, BELT AND BLADE, IS3200Z
17	5104083	1	DECAL, CAUTION, FOLDING ROPS
18	5104132	1	DECAL, FUEL VALVE -(CAL Models only)

Deck Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303886
5303958



Deck Lift Group

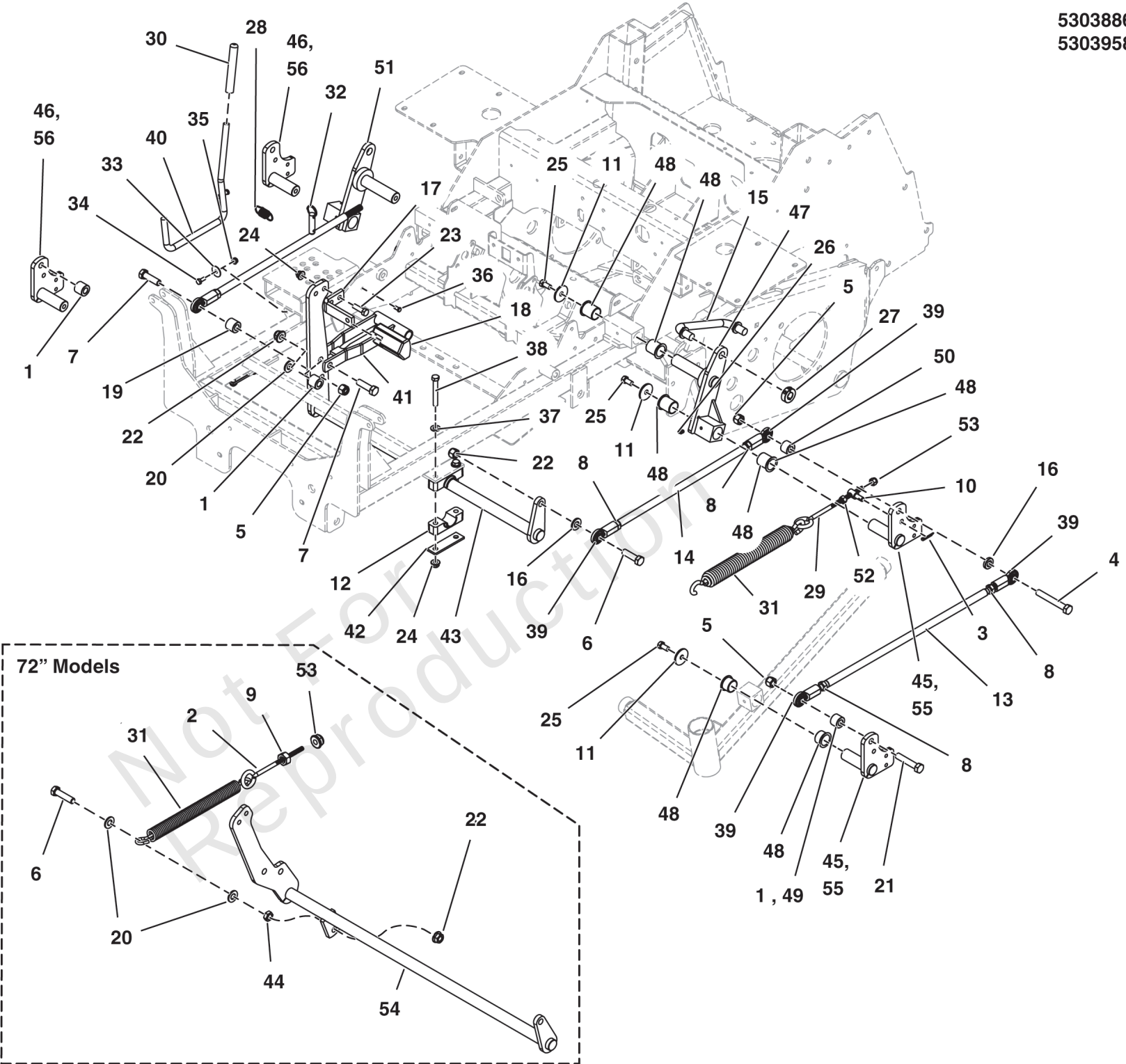
REF NO	PART NO	QTY	DESCRIPTION
1	5045178	2	SPACER, .52 X 1.00 X .75, CZ -(Qty: 3 - 72" Models)
2	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ -(72" Models)
3	5025203X6	2	PIN, COTTER, 1/8 X 3/4
4	5025017X24	2	BOLT, 1/2-13 X 3" GD5 CZ
5	5025056	4	NUT, 1/2-13 HEX NYLON LOCK
6	5025017X16	1	BOLT, 1/2-13 X 2" GD5 CZ -(Qty: 2 - 72" Models)
7	5025017X20	2	BOLT, 1/2-13 X 2-1/2" GD5 CZ
8	5025089	8	NUT, 1/2-20 HEX JAM
9	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE -(72" Models)
10	5100380	2	ADJUSTER, DECK HANGER
11	5100548	6	WASHER, .390 X 1.50 X .109, CZ
12	5100634	4	PIVOT BLOCK, PLASTIC
13	5103710	2	ROD, DECK LIFT, EXTERNAL THRD, 20.63
14	5104475	2	BAR, DECK LIFT, 17.75"
15	5103703	2	ROD, SUSPENSION LINK, IS700, CZ
16	5100520	3	SPACER, .52 X 1.00 X .22, PM, CZ
17	5061569A	1	PEDAL, FOOT - BLK
18	5104262	1	PEDAL, Rubber
19	5044673	1	SPACER, .52 X 1.00 X .88, PM, CZ
20	5025158	3	WASHER, 1/2 SAE -(Qty: 5 - 72" Models)
21	5025017X22	2	BOLT, 1/2-13 X 2-3/4 GD5 CZ
22	5025396	3	NUT, Hex Flange, Nylock, 1/2-13 -(Qty: 4 - 72" Models)
23	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
24	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE -(Qty: 7 - 72" Models)
25	5025443	6	BOLT, 3/8-16 X 3/4, PLT W/PATCH
26	5020095	8	GREASE FITTING, 1/4-28 STRAIGHT
27	5020441	4	COLLAR, 5/8 SPLIT
28	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
29	5021811	2	EYE BOLT, 3/8-16 X 8, 3THRD, 1EYE, CZ
30	5021880	1	GRIP, FOAM, .475 X 4.35 X .095
31	5023392	2	SPRING-EXT, 1.393 ODX13.25LGX.218WR, BLK -(Qty: 3 - 72" Models)
32	5023498	1	PIN, HITCH, 1/2 X 2.00 OAL, YP
33	5025288	2	WASHER, 1/4 FENDER
34	-----	2	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
35	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
36	5025212X4	1	PIN, CLEVIS, 1/4 X 1/2, PLATED
37	5025156	8	WASHER, 3/8 SAE
38	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ
39	1702779	8	JOINT-BALL .500-20 THD .500ID, CLR ZINC
40	5410317A	1	WELD, Rod, Deck Lift - BLK
41	5410315A	1	USE 5104133 - WELD,DECK HEIGHT LNK,IS700
42	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
43	5412678B	1	WELD, DECK LIFT SHAFT - RED (61) -(61" Models)
44	5025301	1	NUT, 1/2-13 HEX JAM -(72" Models)

Deck Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303886
5303958



Deck Lift Group

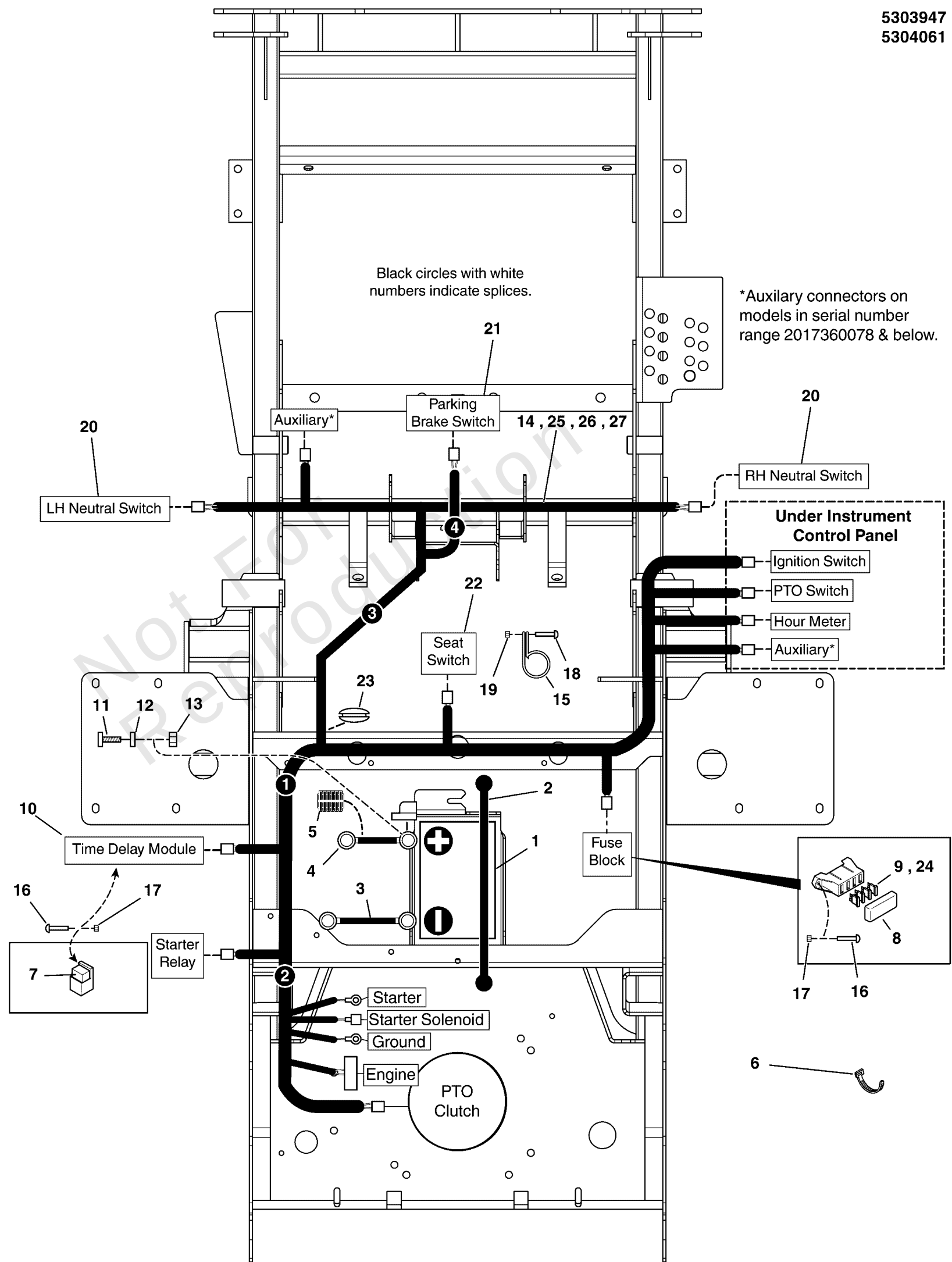
REF NO	PART NO	QTY	DESCRIPTION
45	5412685B	2	WELD, DECK LIFT LEVER, LH - RED -(S/N: 2017102063 & Below)
46	5412686B	2	WELD, DECK LIFT LEVER, RH - RED -(S/N: 2017102063 & Below)
47	5401664A	1	WELD, REAR LIFT - LH - BLK
48	5023343	12	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
49	5049777	1	SPACER, .52 X 1.00 X 1.00 -(61" Models)
50	5045023	2	SPACER, .52 X 1.00 X .44, CZ
51	5401665A	1	WELD, REAR LIFT - RH - BLK
52	5025034	2	NUT, 3/8-16 HEX
53	5025096	2	NUT, 3/8-16 HEX NYLON LOCK
54	5413565B	1	WELD, DECK LIFT SHAFT, 72 -(72" Models)
55	5413901AA	2	WELD, DECK LIFT LEVER, LH - BLK -(S/N: 2017102064 & Above)
56	5413902AA	2	WELD, DECK LIFT LEVER, RH - BLK -(S/N: 2017102064 & Above)

Electrical Group - Briggs & Stratton & Kawasaki Carbureated Models

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303947
5304061



Electrical Group - Briggs & Stratton & Kawasaki Carbureated Models

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	BATTERY, WET (BCIU1, 350 CCA)
2	1722009	1	STRAP-BLACK RUBB
3	5021406	1	BATTERY CABLE, NEG, 22, 1/4-5/16
4	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
5	5050927X16	1	WIRE LOOM, 3/8 ID X 16 IN
6	5021029	8	TIE, SELF-LOCKING, 12"
7	5021766	1	RELAY, 12V, 40A
8	5022805	1	COVER, VINYL FUSEBLOCK
9	5021603	2	FUSE, ATO, 20 AMP -(SV)
10	5023310	1	MODULE, TIME DELAY
11	5025010X6	3	BOLT, 1/4-20 X 3/4 GD5 CZ
12	5025154	3	WASHER, 1/4 SAE
13	5025391	3	NUT, 1/4-20 HEX NYLOCK FLANGE
14	5411975	1	WIRE HARNESS, BV32, IS2100/3100 -(B&S Carbureated Models S/N: 2017360078 & Below)
15	5021500	3	CLAMP, VINYL INSULATED
16	5025179X6	5	SCREW, #10-24 X 3/4 ROUND PHILLIPS
17	5025271	5	NUT, #10-24 HEX NYLON LOCK
18	5025299X8	2	SCREW, 1/4-20X1, ZINC PHOS & OIL
19	5025126	4	NUT, 1/4-20 HEX SERR. FLANGE
20	5101589	2	SWITCH, PLUNGER, NO, SINGLE POLE SNAP-IN
21	5101280	1	SWITCH, LOW PROF, NC/NO
22	5021769	1	SWITCH, PLUNGER, N.C.
23	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
24	5101935	2	FUSE, ATO-15 (15 AMP) -(SV)
25	5411549	1	WIRE HARNESS, KAWI FX, IS2100Z -(Kawasaki Carbureated Models S/N: 2017360078 & Below)
26	5414906	1	WIRE HARNESS, BV32, IS2100/3200 -(B&S Carbureated Models S/N: 2017360079 & Above)
27	5414904	1	WIRE HARNESS, KAWI FX, IS2100Z/IS3200 -(Kawasaki Carbureated Models S/N: 2017360079 & Above)

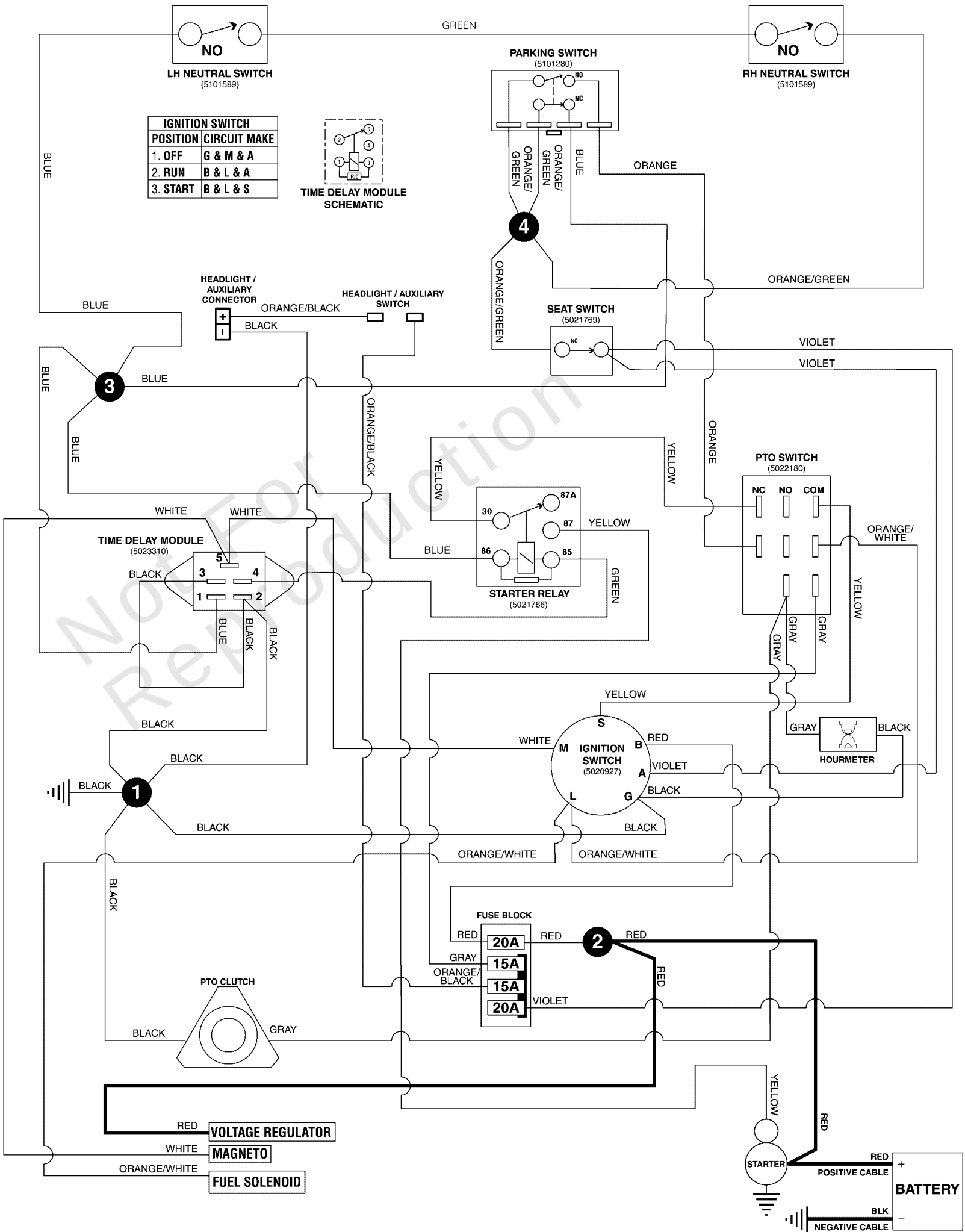
Electrical Schematic - Charging Circuit - Kawasaki FX S/N: 2017360078 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5411549 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360078 & Below

REF NO	PART NO	QTY	DESCRIPTION
5411549	5411549	1	WIRE HARNESS, KAWI FX, IS2100Z

Not For Reproduction

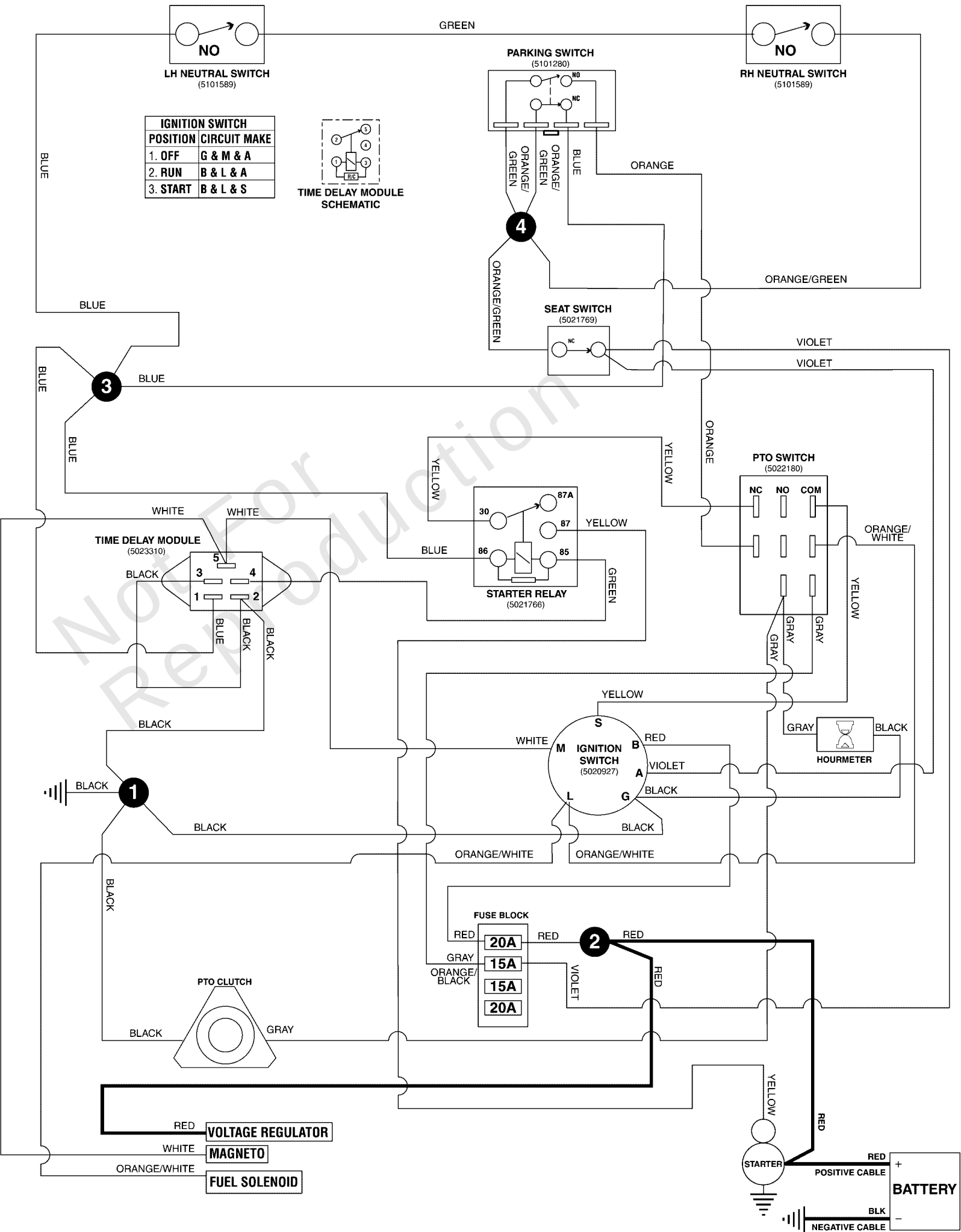
Electrical Schematic - Charging Circuit - Kawasaki FX S/N: 2017360079 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5414904 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360079 & Above

REF NO	PART NO	QTY	DESCRIPTION
5414904	5414904	1	WIRE HARNESS, KAWI FX, IS2100Z/IS3200

Not For Reproduction

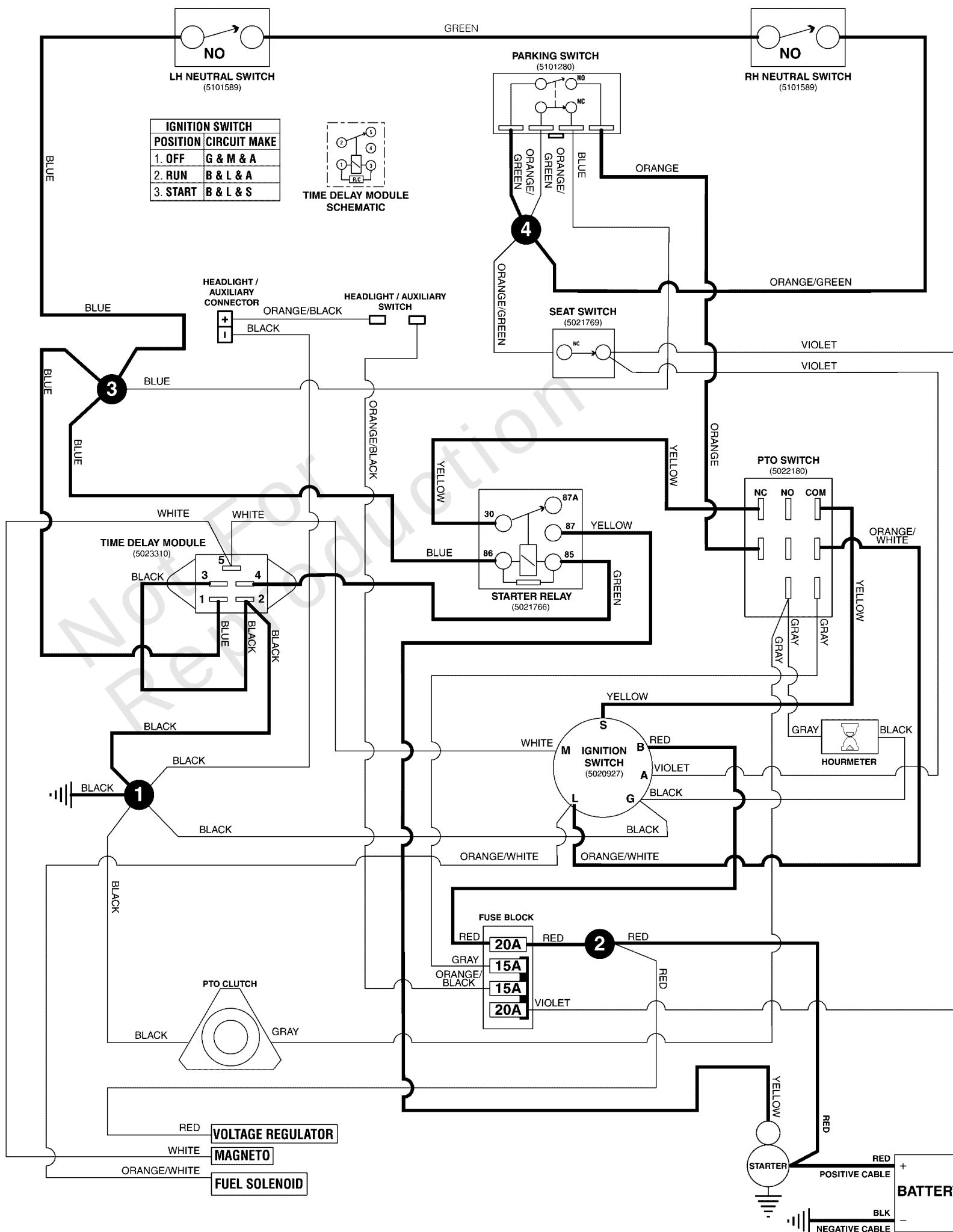
Electrical Schematic - Cranking Circuit - Kawasaki FX S/N: 2017360078 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5411549 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360078 & Below

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

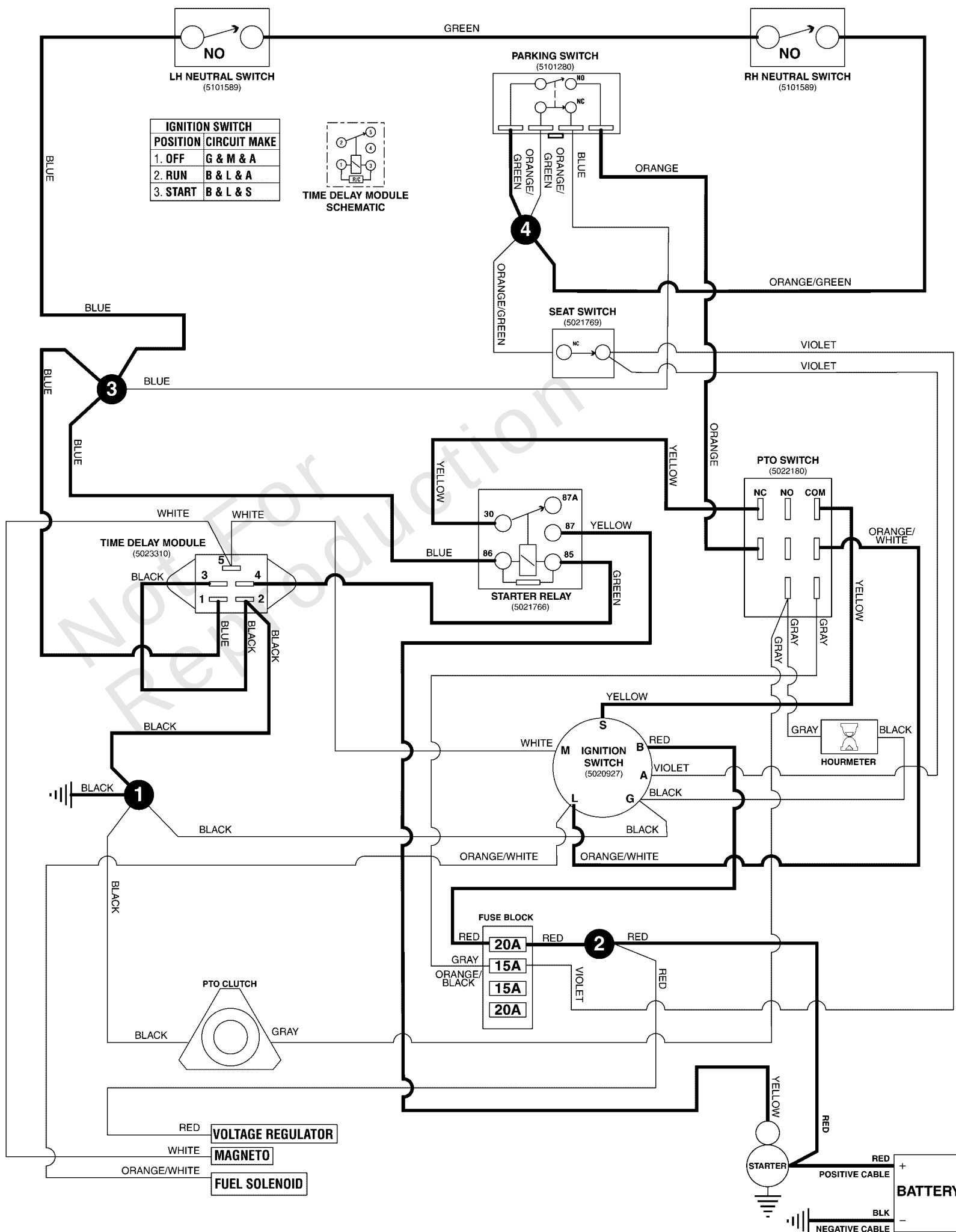
Electrical Schematic - Cranking Circuit - Kawasaki FX S/N: 2017360079 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5414904 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360079 & Above

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

(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.)



REF NO	PART NO	QTY	DESCRIPTION
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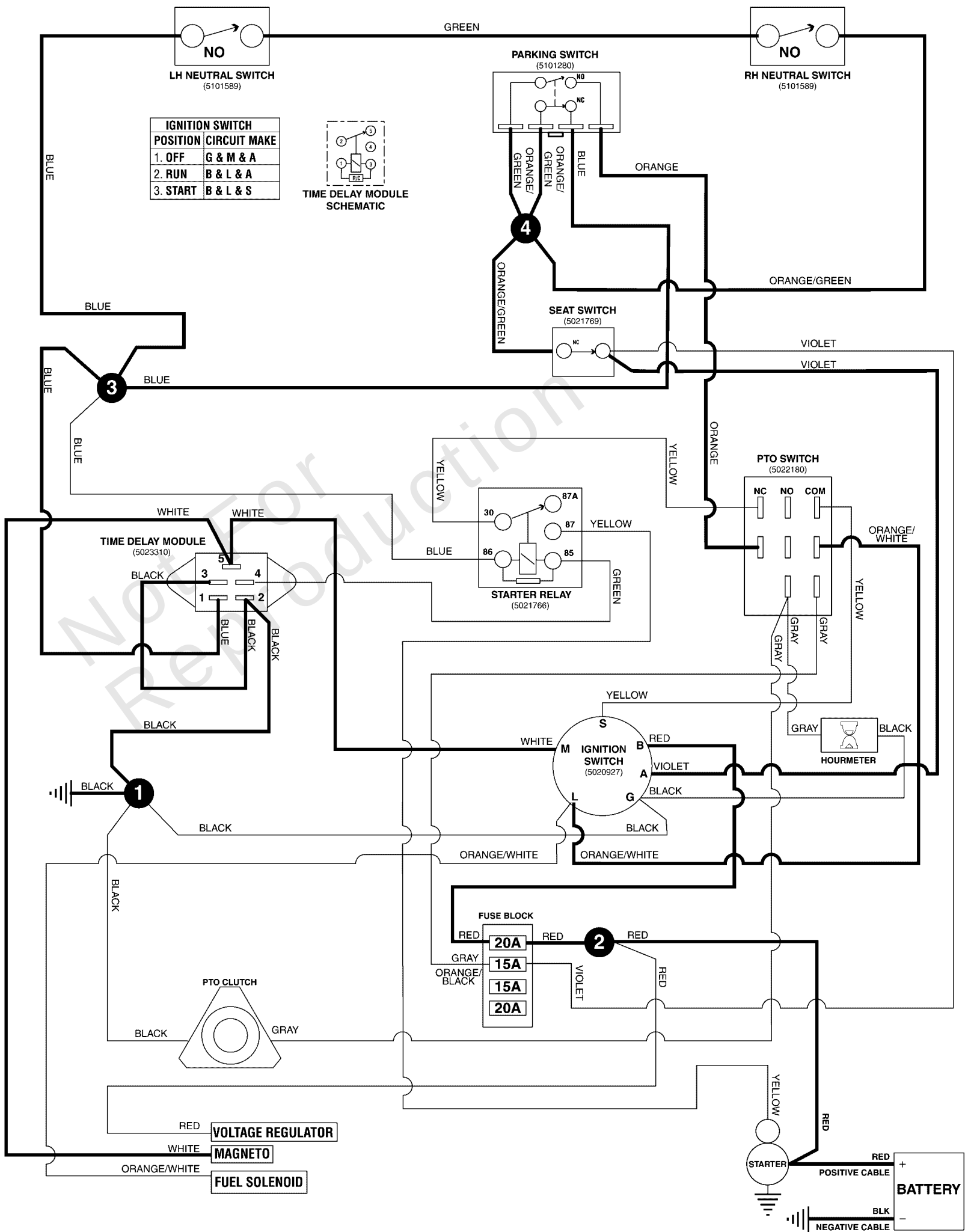
Not For Reproduction

Electrical Schematic - Ign. Ground Circuit / Op Pres. - Kawasaki FX S/N: 2017360079 &

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5901357

5414904 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360079 &

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

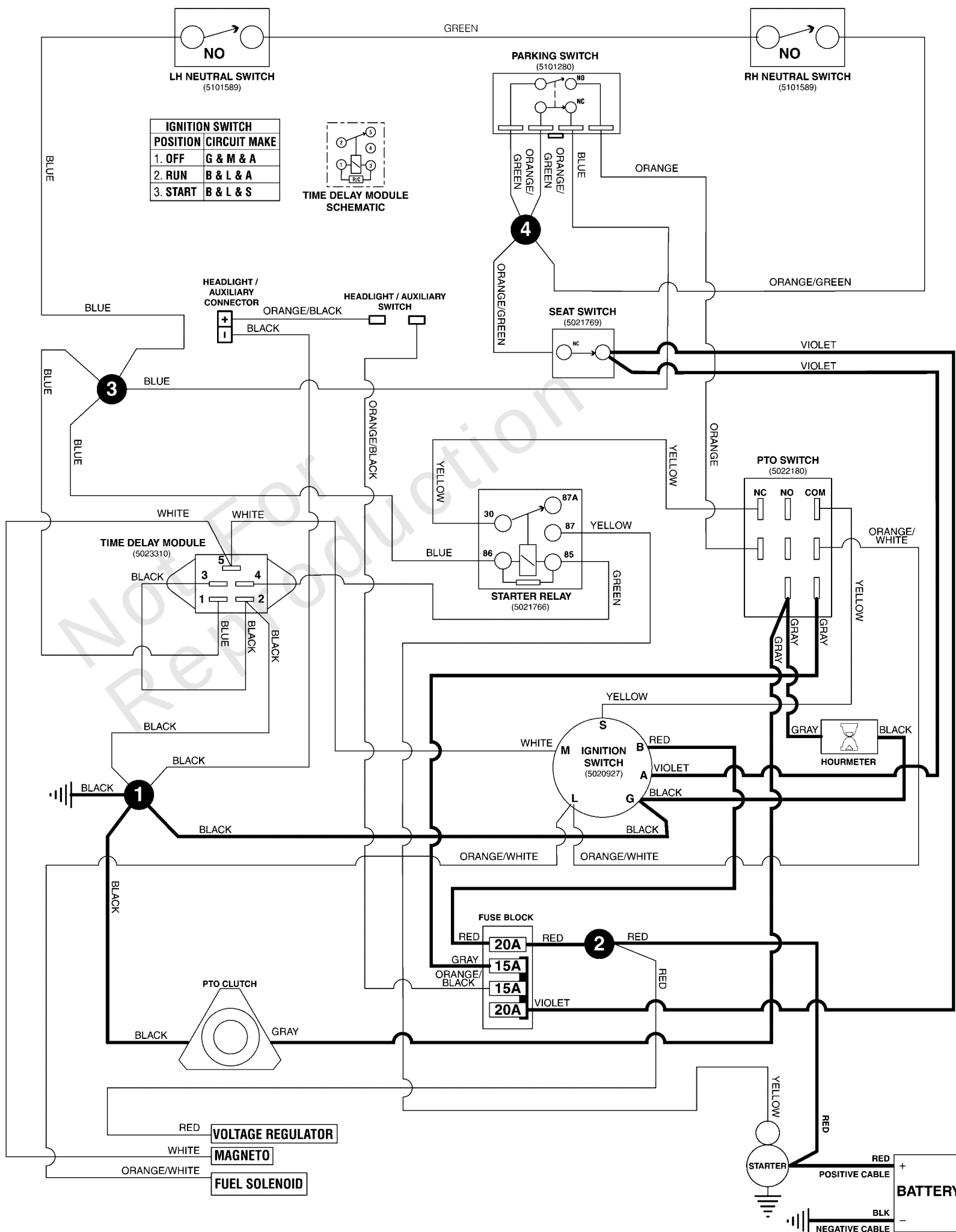
Electrical Schematic - PTO Clutch Circuit - Kawasaki FX S/N: 2017360078 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5411549 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360078 & Below

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

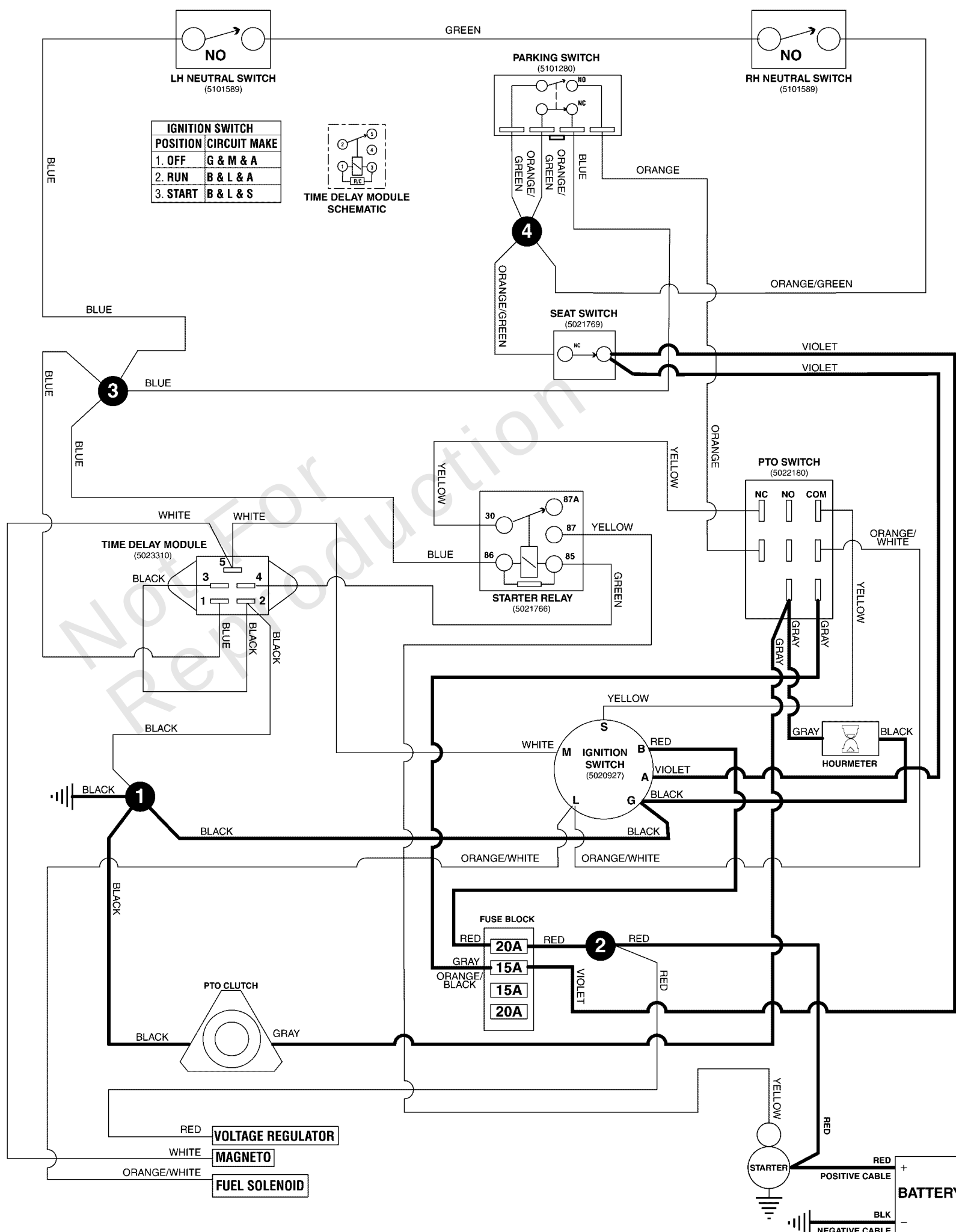
Electrical Schematic - PTO Clutch Circuit - Kawasaki FX S/N: 2017360079 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5414904 / IS2100Z & IS3200Z MAIN WIRE HARNESS - KAWASAKI FX ENGINES

(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 FX S/N: 2017360079 & Above

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

Engine & PTO Group

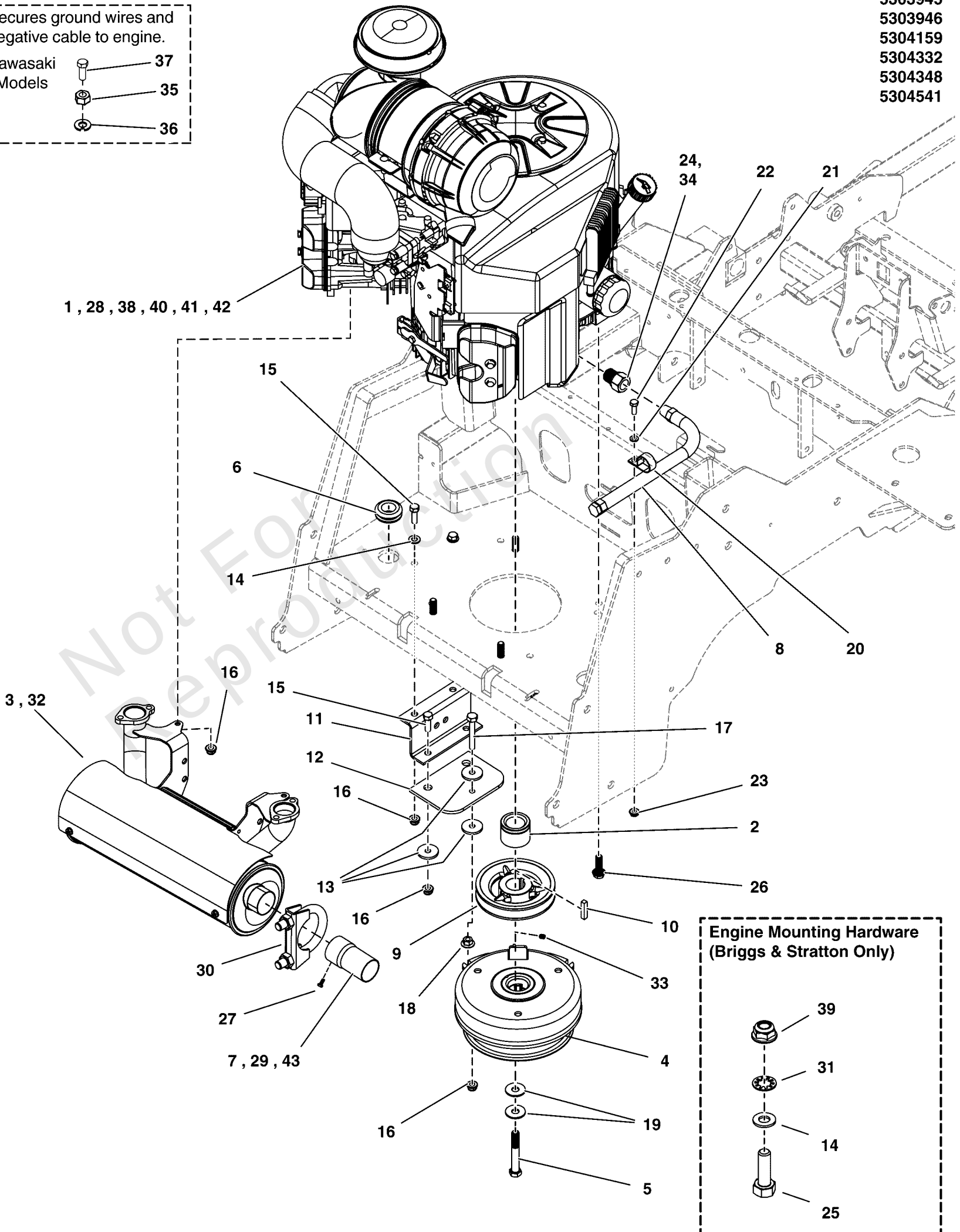
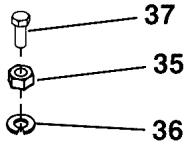
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303945
5303946
5304159
5304332
5304348
5304541

Secures ground wires and
negative cable to engine.

Kawasaki
Models



Engine & PTO Group

REF NO	PART NO	QTY	DESCRIPTION
1	FX1000V-AS14-R1		ENGINE, KAWA, DFI -(Kawasaki DFI Models Only)
2	5100926	1	SPACER, 1.13 X 1.75 X 1.35, CZ
3	5101336	1	MUFFLER 37 HP KAWASAKI -(Kawasaki Models Only) (Use 5025355 - Qty: 4 to mount muffler to engine.)
4	5101780	1	CLUTCH, WARNER, 250 ft lbs - 1.13"
5	5103300	1	BOLT, CRANKSHAFT, 7/16-20 X 3-1/4, GD 8
6	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
7	5100969	1	EXTENSION, TAILPIPE, 3" -(Kawasaki Models Only)
8	5048681	1	HOSE, OIL DRAIN
9	5021682	1	PULLEY, 4.75 OD X 1-1/8 BORE, BC-48
10	5050407X10	1	KEY, 1/4" SQ. X 1-1/4
11	5410367A	1	ANCHOR, CLUTCH, IS600-IS700 - BLK
12	5043636	1	CLUTCH ANCHOR PAD
13	5044617	4	WASHER, .34 X 1.25 X 10 GA
14	5025155	6	WASHER, 5/16" SAE -(Qty: 3 Kawasaki Models Only)
15	5025011X8	4	BOLT, 5/16-18 X 1" GRD5 YZ
16	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
17	5025055X18	1	BOLT, 5/16-18 X 2-1/4 TFL, GD5 YZ
18	5025139	1	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
19	5025585	2	BELLEVILLE WASHER, 1.1875 X .442 X .098
20	5021500	1	CLAMP, VINYL INSULATED, 1.00
21	5025154	1	WASHER, 1/4 SAE
22	5025010X6	1	BOLT, 1/4"-20 X 3/4" GD5 YZ
23	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE
24	5022234	1	ADAPTER, Oil Drain -(Kawasaki Models Only)
25	5025025X14	4	BOLT, 5/16-24 X 1-3/4, GD8, PHOS -(B&S Models Only)
26	5025532	4	BOLT, HEX FLG, SER, GD5 3/8-16 X 1-1/4" PACH CZ -(Kawasaki Models Only)
27	5025470	2	SCREW, SELF-TAP, #8-32 X 3/8. WASH HEX, CZ -(Kawasaki & B&S 49E877 Models Only)
28	613777-0166-G1	1	ENGINE, B&S, VANGUARD -(B&S Carbureted 613777 Models)
29	5104512	1	TAIL PIPE EXTENTION, 1.78"ID X 5" LG -(B&S Models Only)
30	5104512X1	1	CLAMP, TAILPIPE, 1-7/8" -(B&S Models Only)
31	5025188	4	WASHER, 5/16" Internal Tooth Lock -(Qty: 1 Kawasaki Models Only)
32	846819	1	MUFFLER -(B&S Carbureted Models Only)
33	5025531	2	SET SCREW, 5/16-18 X 3/8, KNURL, W/PATCH -(SV)
34	5100366	1	METRIC ADAPTER, M14-1.5" TO 3/8 NPTF -(B&S Models Only)
35	5025536	1	NUT, HEX, M8-1.25, CZ, GD 8.8 -(Kawasaki Models Only)
36	5025170	1	WASHER, 5/16 LOCK CZ -(Kawasaki Models Only)
37	5025249	1	BOLT, M8-1.25 X 20 MM GD 8.8 -(Kawasaki Models Only)
38	-----	1	ENGINE, Briggs & Stratton, 61E877-0008-J1 / 61E877-0005-J1 -(B&S 61E877 EFI Models Only)

Engine & PTO Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303945
5303946
5304159
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5304348
5304541

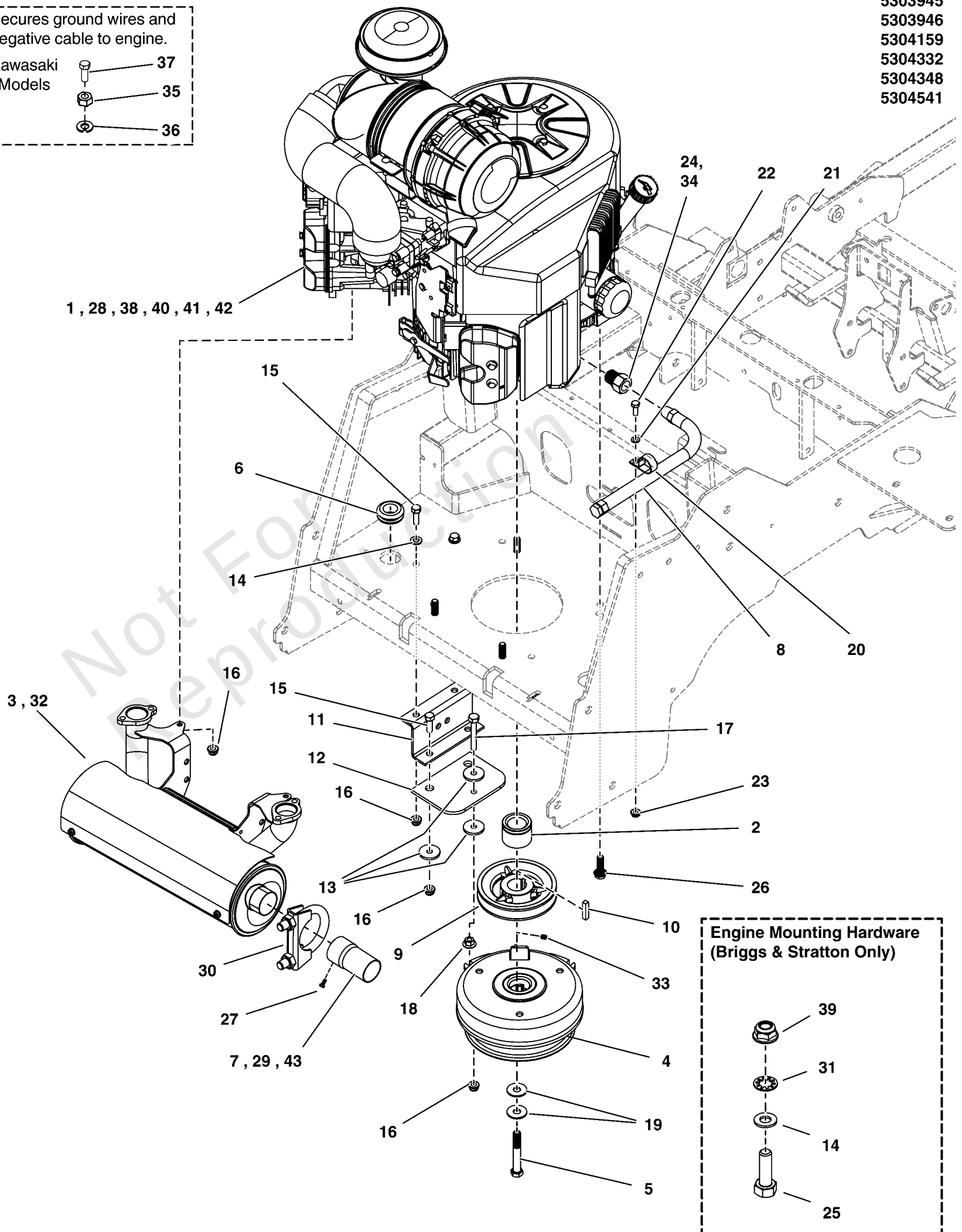
Secures ground wires and negative cable to engine.

Kawasaki Models

37

35

36



Engine Mounting Hardware
(Briggs & Stratton Only)

39

31

14

25

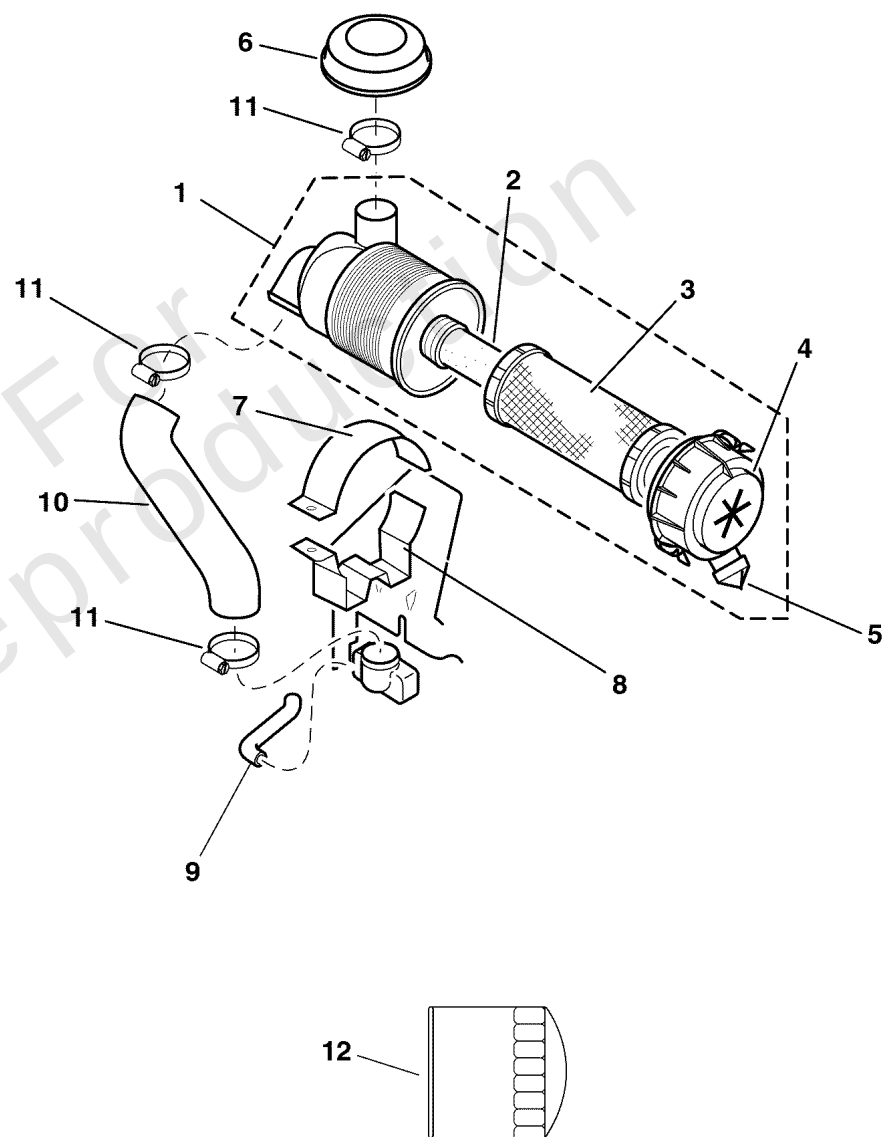
Engine & PTO Group

REF NO	PART NO	QTY	DESCRIPTION
39	5025616	4	NUT, 5/16-24, TOP LOCK FLANGE, GD8 PHOS -(B&S Models Only)
40	543777-2120-J1	1	ENGINE, 32, B&S, 543777-2120-J1 -(B&S Carbureated 543777 Models)
41	FX1000V	1	ENGINE, 35, KAWASAKI -(Kawasaki Carbureated Models Only)
42	49E877-0001-G1	1	ENGINE, 28HP BRIGGS VANGUARD, EFI -(B&S 49E877 EFI Models Only)
43	5104348	1	EXTENSION, TAILPIPE, 3" - BLACK -(B&S 49E877 EFI Models Only)

0001KAWIFX

Fits Kawasaki Engine Models Numbers:

FX651V
FX691V
FX730V
FX801V
FX1000V



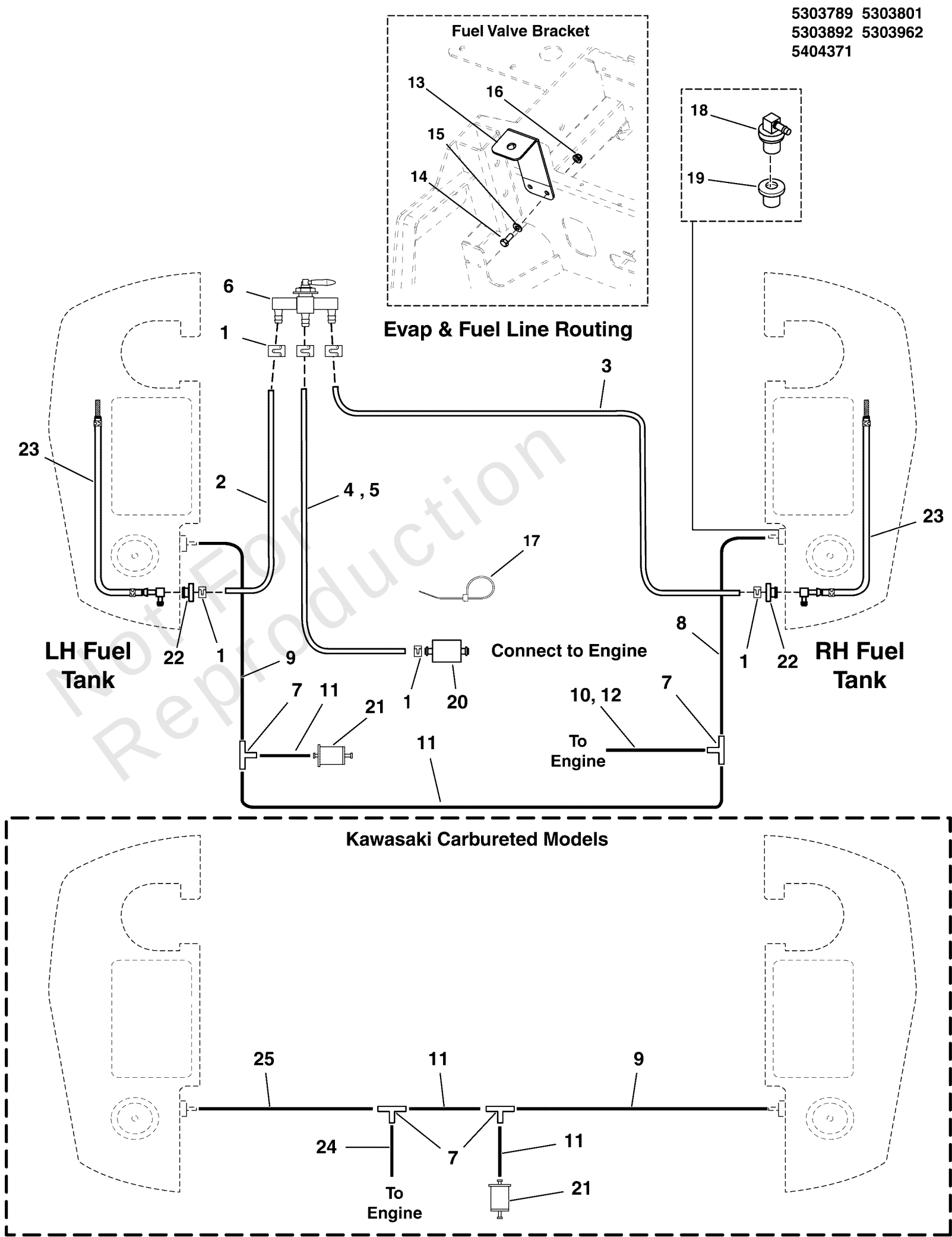
Engine Service Parts - Kawasaki (FX651V - FX1000V)

REF NO	PART NO	QTY	DESCRIPTION
1	5102126X1	1	AIR FILTER ASSEMBLY,22,24&26HP KAWASAKI -(11010-7028)
2	5102126X4	1	AIR FILTER,SECOND,FX651V THRU FX999 ENG -(11013-7045)
3	5102126X3	1	AIR FILTER,PRIMARY,FX 651,852, & 999 ENG -(11013-7044)
4	5102126X2	1	CASE, AIR FILTER, 22, 24 & 26HP KAWASAKI -(11011-7056)
5	5102126X8	1	DUST VALVE,AIR FILTR,22,24&26HP KAWASAKI -(11065-7031)
6	5023143	1	CAP, RAIN -(11065-7025)
7	5102126X5	1	BRKT,AIR FILTER,22,24&26HP KAV, OUTER -(11055-7011-9H)
8	5102126X6	1	BRKT,AIR FILTER,22,24&26HP KAV, INNER -(11055-7012-9H)
9	5102126X9	1	BREATHER TUBE, AIR FILTR,22,24&26HP KAWA -(92192-7146)
10	5102126X10	1	AIR INLET TUBE,AIR FILTR,22,24&26HP KAWA -(92192-7147)
11	5100256	3	CLAMP -(92171-7010)
12	5102278X1	1	FILTER,OIL,KAWA FS,FX651,700,FR 603 & 726CC ENG -(49065-7007)
12	5021334X1	1	FILTER,OIL,KAWA FX751,801,851,921,100 -(49065-7010) FOR KAWASAKI MODELS FX751 & LARGER

Fuel Supply Hose, Tank Replacement Parts, and EVAP Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357



Fuel Supply Hose, Tank Replacement Parts, and EVAP Group

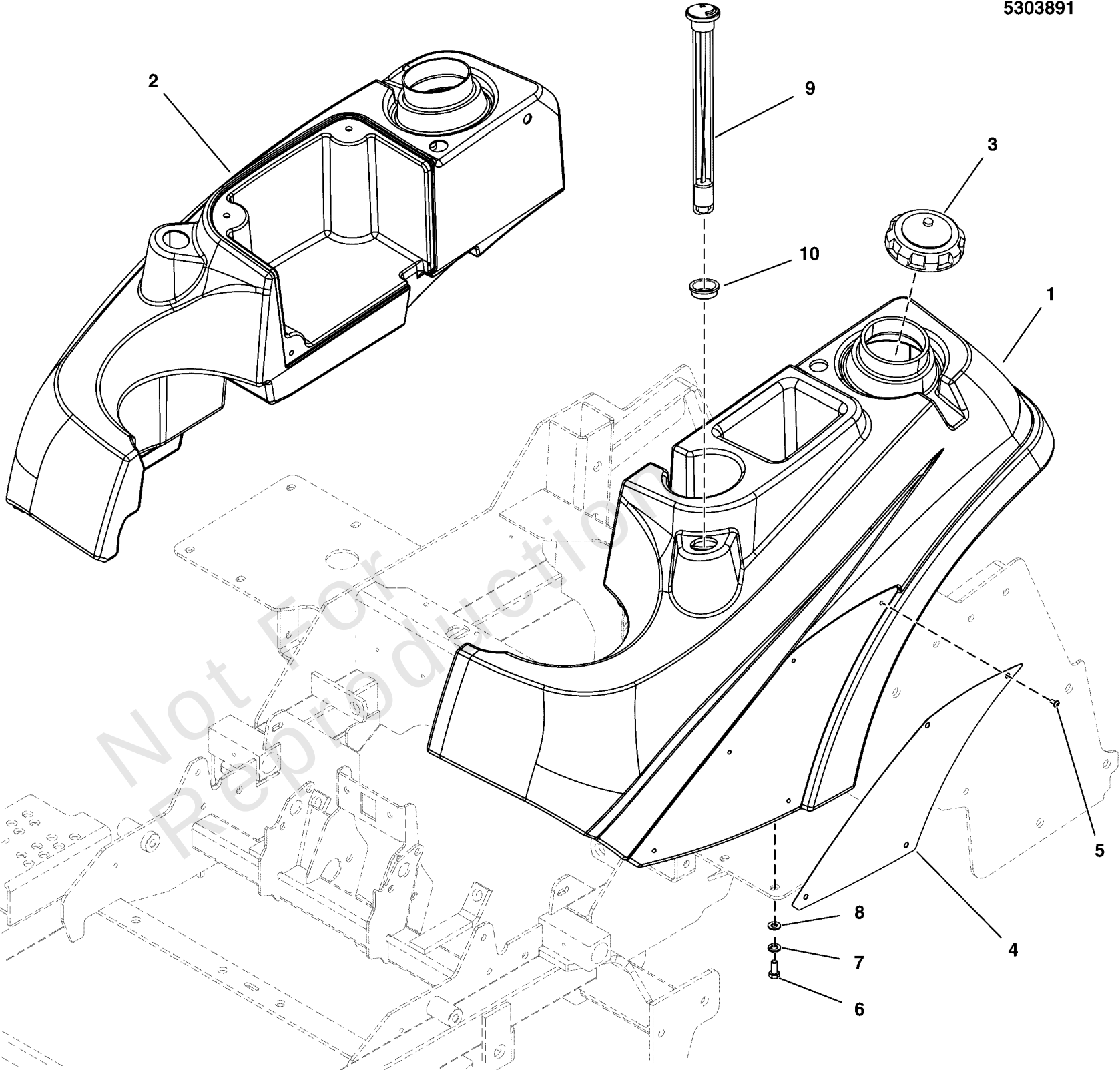
REF NO	PART NO	QTY	DESCRIPTION
1	93807	6	CLAMP, HOSE, EXTERNAL, 1/2 - RED
2	5050831X14P5	1	HOSE, 1/4" FUEL, 14.50"
3	5050831X28P5	1	HOSE, 1/4" FUEL, 28.50"
4	5050831X10P5	1	HOSE, 1/4" FUEL, 10.50" -(B&S Engines Only)
5	5050831X12P5	1	HOSE, 1/4" FUEL, 12.50" -(Kawasaki Engines Only)
6	5023358	1	VALVE, FUEL SHUT-OFF, 11772
7	5103062	2	FITTING, 3/16" TEE, BARB TYPE, HDPE
8	7700552X18	1	HOSE, VAPOR, 5MM ID, 18.00 LG -(Kawasaki DFI & B&S Engines Only)
9	7700552X28P5	1	HOSE, VAPOR, 5MM ID, 28.50 LG
10	7700552X12	1	HOSE, VAPOR, 5MM ID, 12.00 LG -(B&S Engines Only)
11	7700552X3	2	HOSE, VAPOR, 5MM ID, 3.00 LG
12	7700552X20	1	HOSE, VAPOR, 5MM ID, 20.00 LG -(Kawasaki DFI Engines Only)
13	5412704A	1	BRACKET, FUEL VALVE, IS2100 - BLK
14	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
15	5025155	2	WASHER, 5/16" SAE
16	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
17	5021029	7	TIE, SELF-LOCKING, 12"
18	770046	2	REMOTE VENT ASSEMBLY
19	209043	2	GROMMET (SV)
20	5021178X3	2	FUEL FILTER (SV)
21	80025019	1	FILTER, FUEL
22	1726400	2	BUSHING-FUEL TANK RED RUBBER
23	5101144	2	HOSE ASSEMBLY (SV)
24	7700552X33	1	HOSE, VAPOR, 5MM ID, 33.00 LG -(Kawasaki Carbureated Models Only)
25	7700552X14	1	HOSE, VAPOR, 5MM ID, 14.00 LG -(Kawasaki Carbureated Models Only)

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

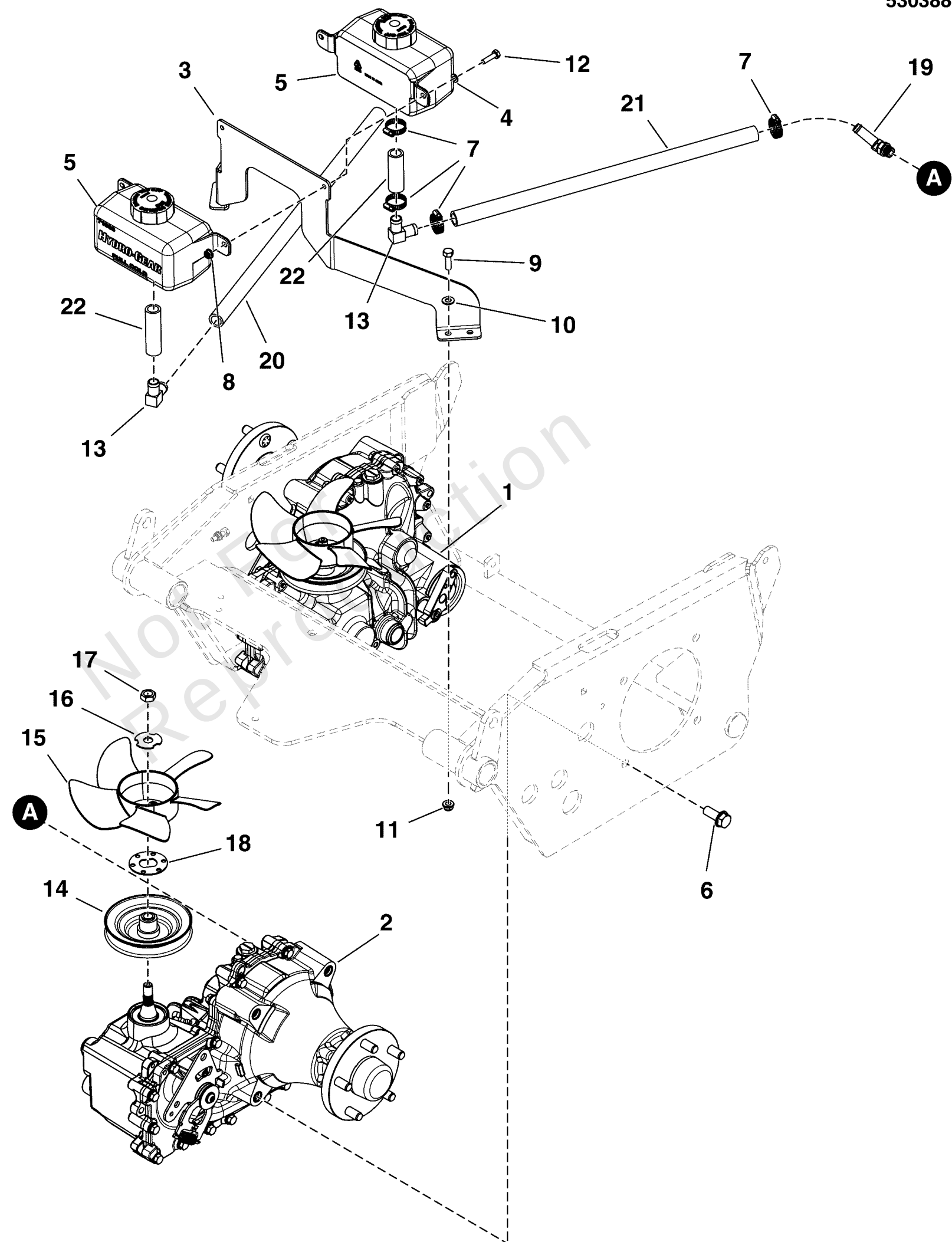
5303891



Fuel Tank & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5103178	1	TANK, FUEL, LH
2	5103177	1	TANK, FUEL, 5.25 GAL,MED, Z-RH, LOW PERM
3	5103005	2	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12"
4	5401095B	2	BADGE, IS2000 - IS3000 - RED
5	5025386	8	SCREW, #10-24 X 3/8 ALLEN BHBZ
6	5025011X6	8	BOLT, 5/16-18 X 3/4 GD5
7	5025170	8	WASHER, 5/16 LOCK CZ
8	5025292	8	WASHER, 5/16 F436 FLAT
9	5022917	2	GAUGE, FUEL, 12
10	5022917X1	2	GROMMET, FUEL GAUGE (SV)

5303883



Hydraulic Group

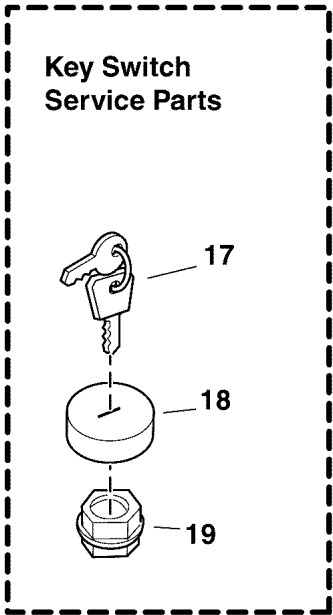
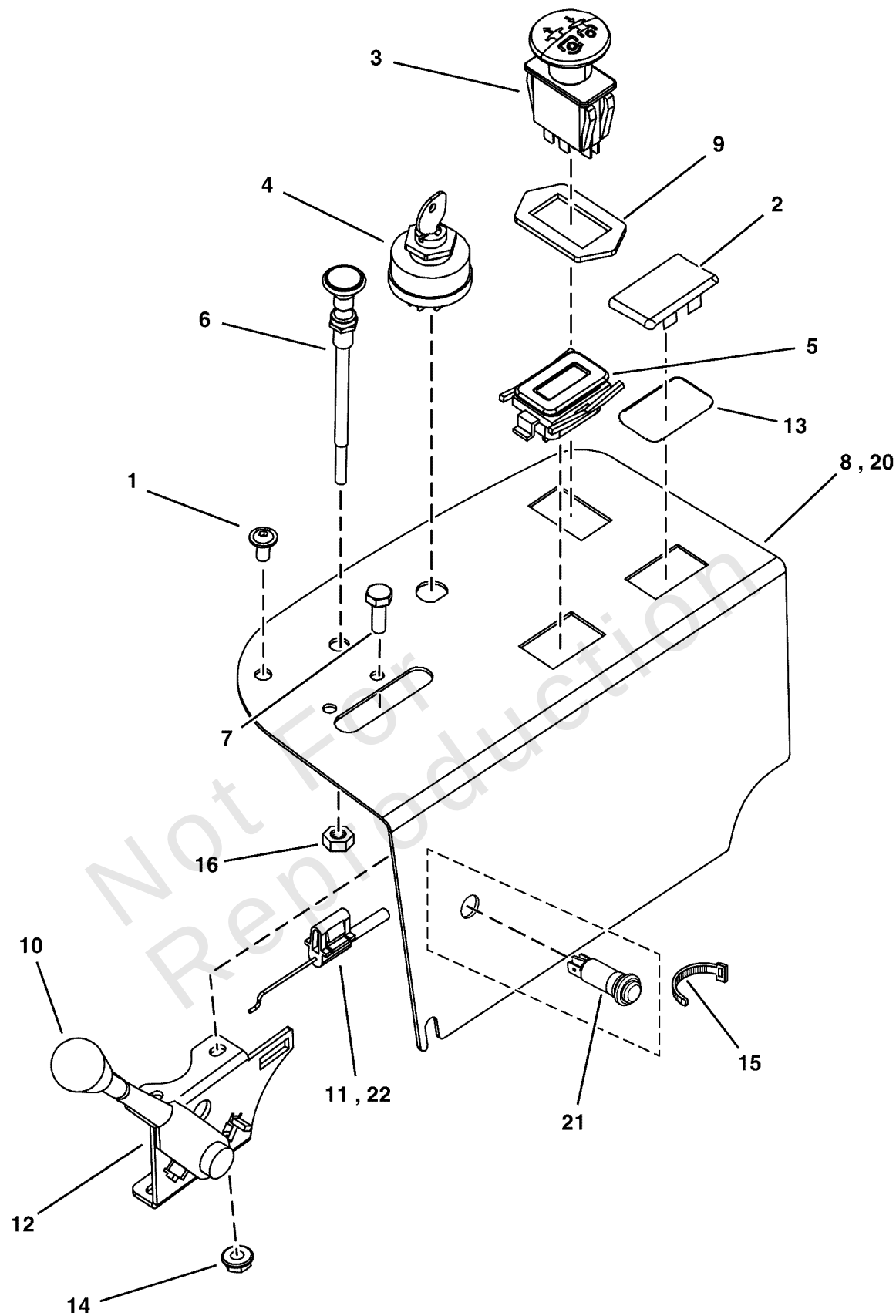
REF NO	PART NO	QTY	DESCRIPTION
1	5103963	1	TRANSAXLE, ZT5400, RH, 1015-1057R L AXLE
2	5103964	1	TRANSAXLE, ZT5400, LH, 1015-1057L L AXLE
3	5413116A	1	PLATE, RESERVOIR MOUNT - BLK
4	5025154	2	WASHER, 1/4 SAE
5	5101998	2	HYDRO TANK, HYDRO-GEAR 71938, 1 LITER
6	5025535	8	BOLT,HEX FLG,SER,GD8 1/2-13X1-1/4W/PATCH -(Torque transmission mounting bolts to 95-115 ft-lbs (129-156 Nm))
7	5021164	8	CLAMP, #10 HOSE, STAINLESS
8	5025391	2	NUT, 1/4-20 Hex Nylock Flange
9	5025011X8	4	BOLT, 5/16-18 X 1" GRD5 YZ
10	5025155	4	WASHER, 5/16" SAE
11	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
12	5025010X8	2	BOLT, 1/4-20 X 1" GD5 CZ
13	5023119	2	FITTING, ELBOW, 5/8" (SV)
14	5102873	2	PULLEY, ZT5400 (53179)
15	5102874	2	FAN, ZT5400
16	5102914	2	WASHER, ZT5400, SLOTTED
17	5102916	2	NUT, ZT5400
18	5102917	2	SPACER, ANTI-ROTATE, ZT5400
19	5103923	2	FITTING, 45, 5/8 TUBE TO 7/8-14 O-RING
20	5050933X23P5	1	HOSE, 5/8" PUSH-LOCK, 23.50"
21	5050933X20P5	1	HOSE, 5/8, PUSH-LOCK, 20.50
22	5050933X3	2	HOSE, 5/8, PUSH-LOCK, 3.00

Instrument Control Panel - All Other Models

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5304048
5304349



Instrument Control Panel - All Other Models

REF NO	PART NO	QTY	DESCRIPTION
1	5106469	3	SCREW, FLANGE, ALLEN HD, 1/4-20X.5 S/S
2	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
3	1722887	1	SWITCH-PTO PUSH
4	5020927	1	SWITCH, IGNITION, 6 POST
5	-----	1	* HOUR METER, ASSEMBLY
6	5047779	1	CABLE, CHOKE CONTROL, 51 (Z) -(Carbureted Models Only)
7	5025179X6	2	SCREW, #10-24 X 3/4 ROUND PHILLIPS
8	5411933AA	1	PANEL, CONTROL, IS2100Z - BLK -(Carbureted Models Only)
9	5022222	1	RING, SWITCH RETAINER
10	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB
11	5101076	1	CABLE, THROTTLE 47"
12	5101537	1	LEVER, THROTTLE CONTROL, HEAVY-DUTY
13	5022269	1	O-RING, 7/8 ID X 1/16 W
14	5025271	2	NUT, #10-24 HEX NYLON LOCK
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, IS2100/3200 - BLK -(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)

Footnotes:

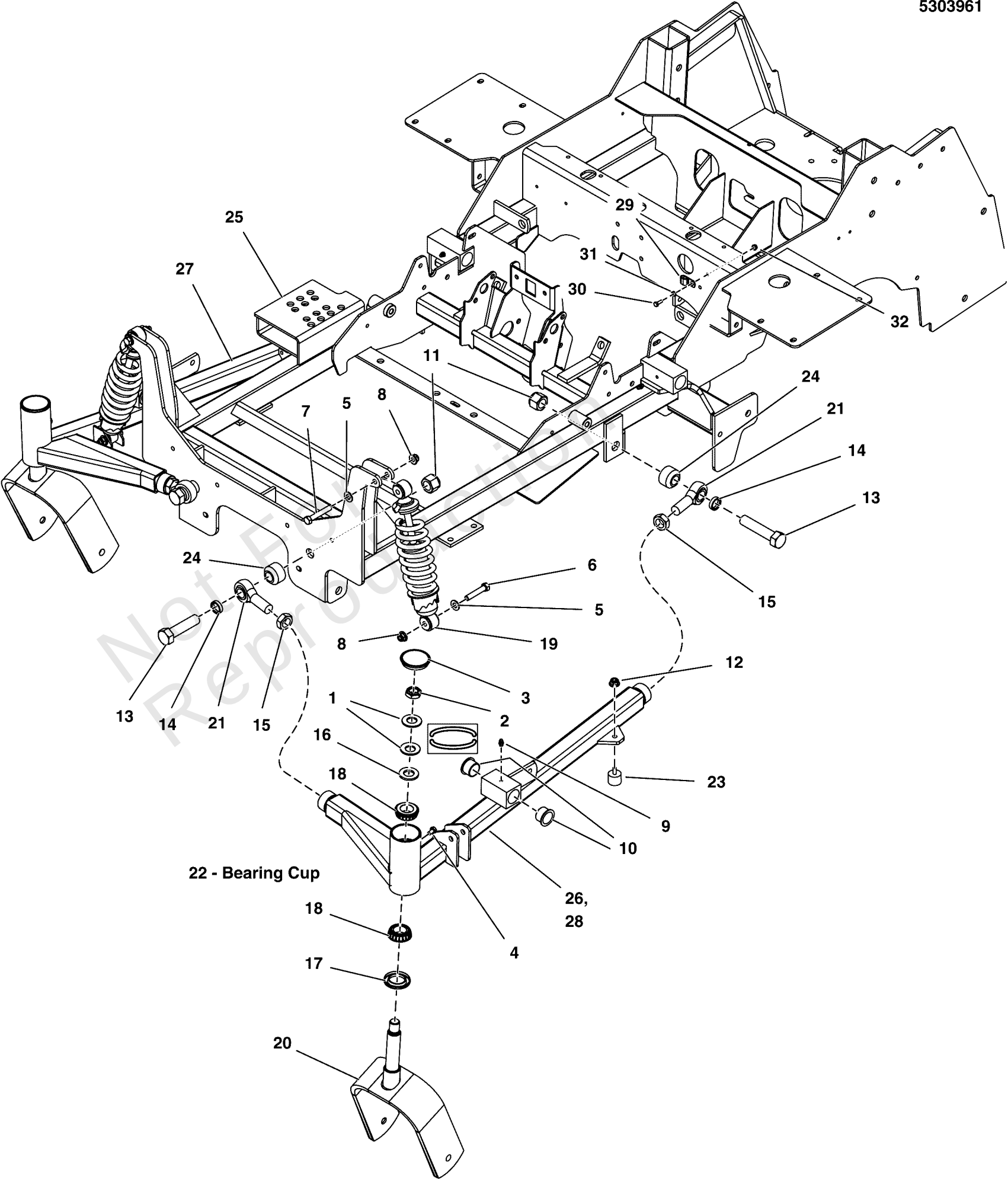
* When replacing this hour meter, please call our service department at 1-800-933-6175 ext. 709

Main Frame & Front Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

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Main Frame & Front Suspension Group

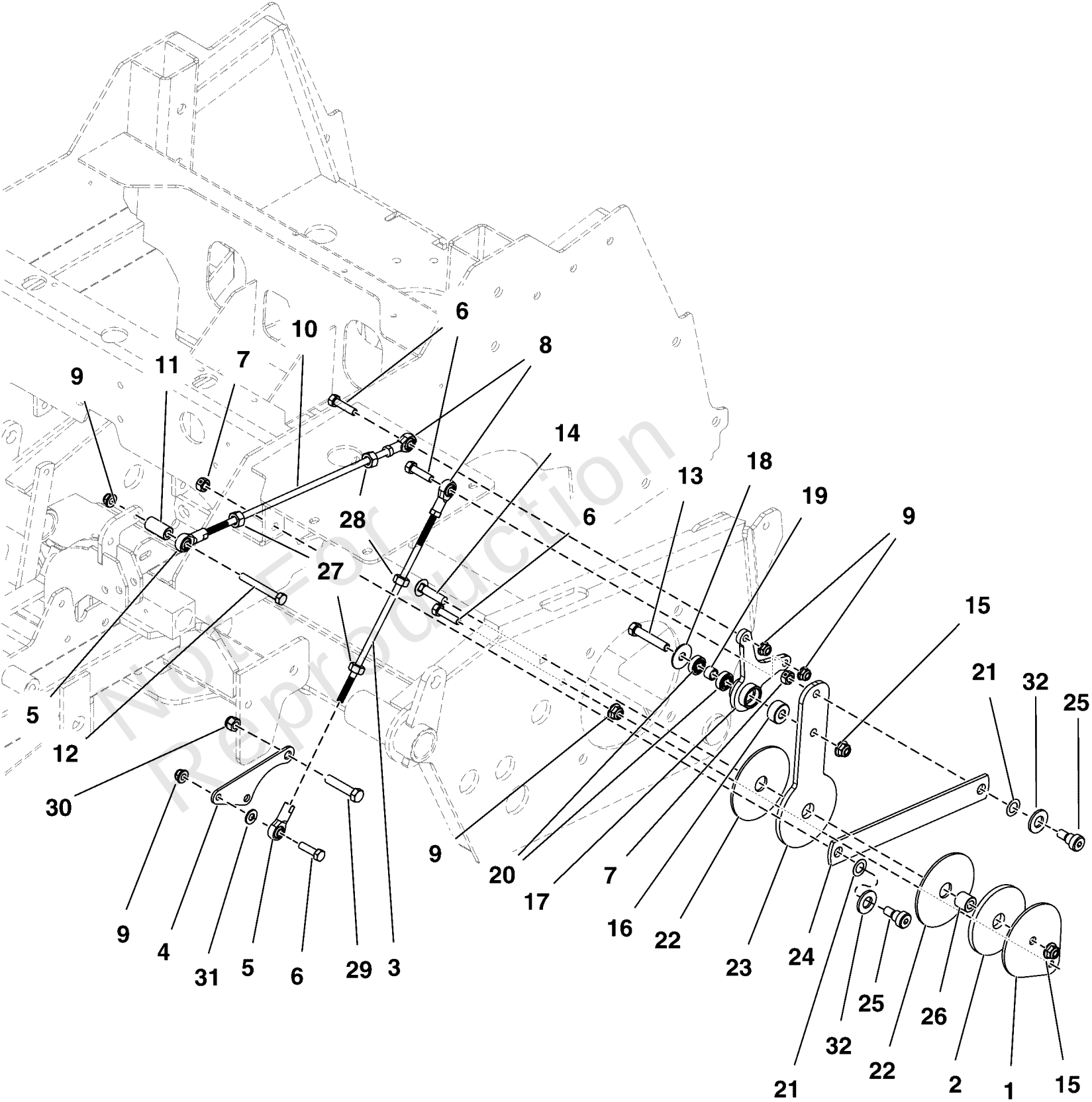
REF NO	PART NO	QTY	DESCRIPTION
1	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
2	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
3	5109845	2	CAP, GREASE, LOW PROFILE
4	5025457	2	BOLT, 1/4-28 X 1/2, GD5 CZ
5	5025156	4	WASHER, 3/8 SAE
6	5025013X16	2	BOLT, 3/8-16 X 2, GD5, CZ
7	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ
8	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
10	5023343	4	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
11	5025284	4	NUT, 3/4-16 HEX NYLON LOCK
12	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
13	5025265X28	4	BOLT, 3/4-16 X 3-1/2 GD8 CZ
14	5047461	4	SPACER, .76 X 1.00 X .25
15	5025093	4	NUT, 3/4-16 HEX JAM
16	5025160	2	WASHER, 3/4 SAE
17	5021072	2	SEAL, GREASE
18	5020884	4	BEARING, TAPERED ROLLER, 1
19	5104052	2	SHOCK / SPRING ASSEMBLY, OE22375
20	5411934B	2	WELD, CASTER YOKE - RED
21	5022039	4	BALL JOINT, 3/4-16, MALE
22	5020883	4	BEARING, CUP (SV)
23	5022673	2	BUMPER, RUBBER 1/4-20
24	5046093	4	SPACER, .75 X 1.50 X 1.00, CZ
25	-----	1	* WELD, MAIN FRAME, IS3200Z - RED -* If frame is damaged, call 1-800-933-6175 ext. 709
26	5413046B	1	WELD, A-ARM, IS3200Z, LH - RED -(61" Models Only)
27	5413047B	1	WELD, A-ARM, IS3200Z, RH - RED
28	5413503B	1	WELD, A-ARM, LH, IS3200Z-72 - RED -(72" Models Only)
29	5025430	1	CLAMP, 5/16, DOUBLE, WIRE & TUBE -(To hold spanner wrench)
30	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 YZ
31	5025154	1	WASHER, 1/4 SAE
32	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE

Motion Control Group - Control System S/N: 4002340028 and Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303882L



Motion Control Group - Control System S/N: 4002340028 and Below

REF NO	PART NO	QTY	DESCRIPTION
1	5410271A	2	PLATE, CONTROL SYSTEM LOCK - BLK
2	5103704	2	PAD, .77 X 3.50 X .25, POLYURETHANE
3	5101135	2	ROD, HYDRO LINKAGE
4	5411301A	2	PLATE, CONTROL MOUNT - BLK
5	5104493	4	BALL JOINT 5/16-24 RH FEMALE BRONZE RACE
6	5025055X10	12	BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ
7	5025100	4	NUT, Hex, Side Lock, 3/8-16
8	5104494	4	BALL JOINT 5/16-24 LH FEMALE BRONZE RACE
9	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
10	5102255	2	ROD, HYDRO LINKAGE, 14.63
11	5102599	2	SPACER, .38 X .75 X 1.25, PM, CZ
12	5025011X20	2	BOLT, 5/16-18 X 2-1/2" GD5 YZ
13	5025013X20	2	BOLT, 3/8-16 X 2-1/2" GD5 CZ
14	5025146X12	2	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
15	5025394	6	NUT, 3/8 - 16 HEX NYLOCK FLANGE
16	5046860	2	SPACER, .39 X 1.00 X .50, PM, CZ
17	5103718	2	PIVOT, CONTROL SYSTEM, S125XT
18	5025165	2	WASHER, 3/8" Fender
19	5103676	2	SPACER, .39 X .55 X .38, PM, CZ
20	5102003	4	BEARING, .375" ID X .875" OD X .341" THK
21	5103784	4	WAVE WASHER, 1/2"ID X .087"OD X .01 THK.
22	5103672	4	PAD, CONTROL SYSTEM
23	5410268	2	PLATE, CONTROL SYSTEM ARM - HT
24	5411375AYP	2	LINK, Control
25	5025356	4	BOLT, 3/8-16 X 3/8", 1/2" SHOULDER
26	5103705	2	SPACER, .39 X .75 X .69, PM, CZ
27	5025033	4	NUT, Hex, 5/16-24
28	5023212	4	NUT, 5/16-24 HEX, LH
29	5025015X6	2	BOLT, 7/16-14 X 3/4, GD 5 YZ
30	5025044	2	NUT, 7/16-14 HEX TOP LOCK
31	5025155	2	WASHER, 5/16" SAE
32	5025440	4	WASHER, 1/2" GD9 YZ

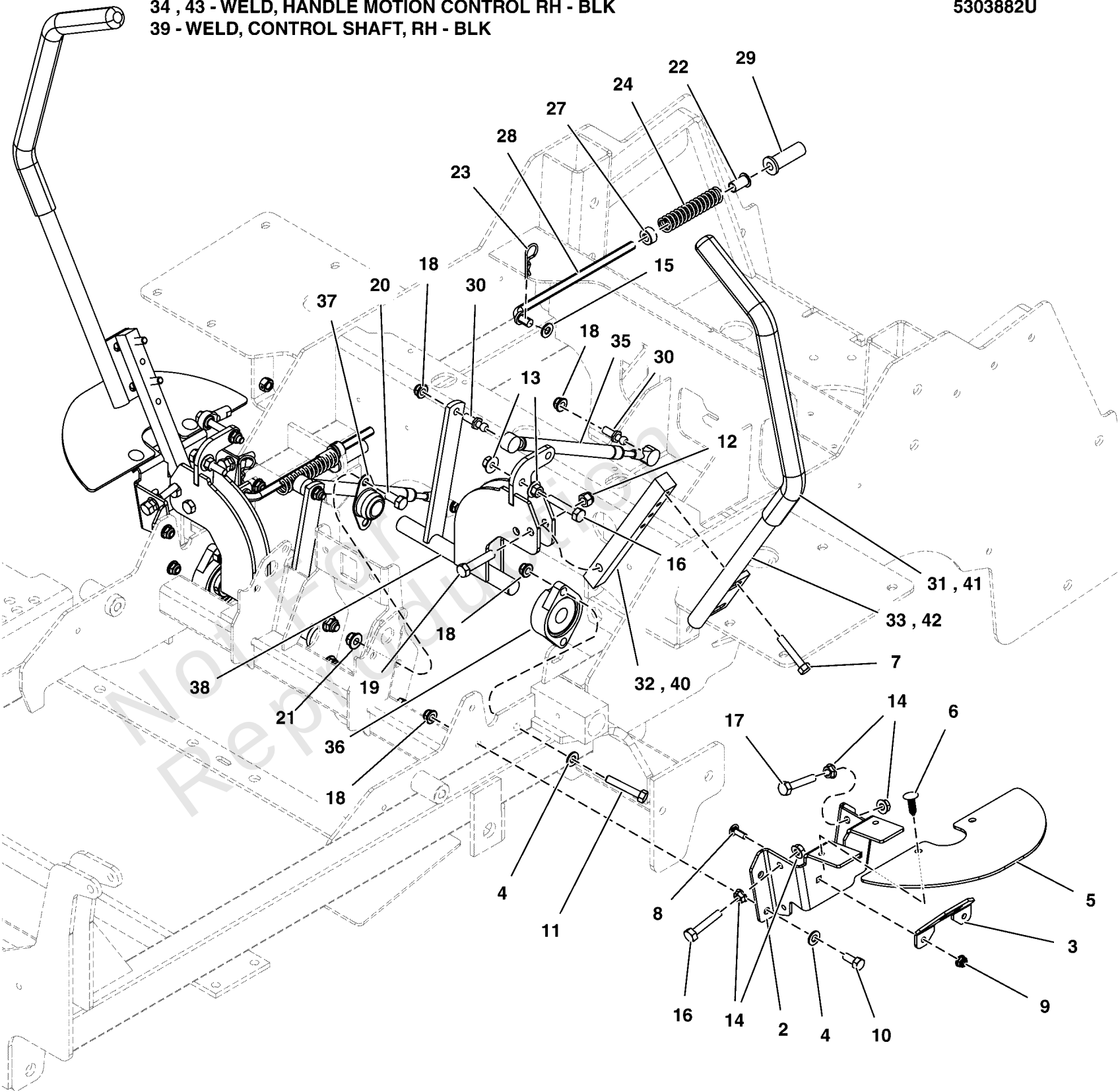
Motion Control Group - Handles & Dampeners

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

- 1 - PLATE, NEUTRAL LOCK, RH - BLK
34 , 43 - WELD, HANDLE MOTION CONTROL RH - BLK
39 - WELD, CONTROL SHAFT, RH - BLK

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Motion Control Group - Handles & Dampeners

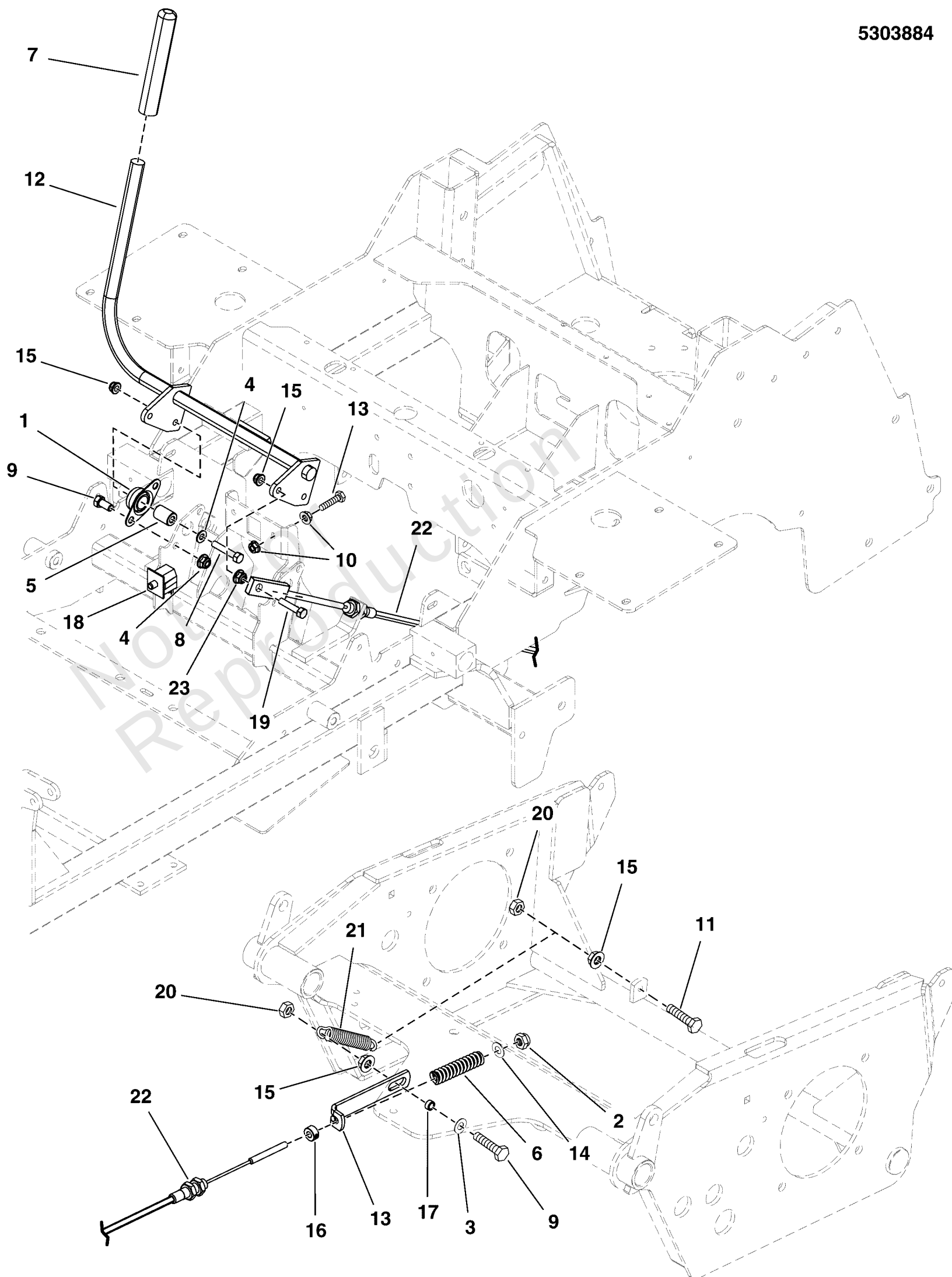
REF NO	PART NO	QTY	DESCRIPTION
1	5413036A	1	PLATE, NEUTRAL LOCK, RH - BLK
2	5413037A	1	PLATE, NEUTRAL LOCK, LH - BLK
3	5409984A	2	BRACKET, SWITCH MOUNT - BLK
4	5025155	10	WASHER, 5/16" SAE
5	5401248	2	GUARD, RUBBER MOTION CONTROLS
6	5025431	4	PUSH RIVET (TREE TYPE), BLACK
7	80003531	4	SCREW, 5/16-18x0.750, GR5, WHIZ-LOCK, ZC
8	80003579	4	BOLT, 1/4-20X.75, GR5, RH SH SQ NK, ZNC/CLR
9	5025391	4	NUT, 1/4-20 Hex Nylock Flange
10	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
11	5025011X24	4	BOLT, 5/16-18 X 3" GD5 YZ
12	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
13	5025139	4	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
14	5025127	8	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
15	5025156	2	WASHER, 3/8 SAE
16	5025055X10	4	BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ
17	5025055X14	2	BOLT, 5/16-18 X 1-3/4 TFL, GD5 YZ
18	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
19	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5 CZ
20	5025013X6	6	BOLT, 3/8-16 X 3/4" GD5 CZ
21	5025394	4	NUT, 3/8 - 16 HEX NYLOCK FLANGE
22	5023260	2	BUSHING, FLANGE 3/8ID X 7/8 LONG
23	5025210	2	3/32 X 1-5/8 HAIR PIN CLIP
24	5022645	2	SPRING, REVERSE RETURN
25	5025015X6	2	BOLT, 7/16-14 X 3/4, GD 5 YZ
26	5025044	2	NUT, 7/16-14 HEX TOP LOCK
27	5010546	2	COLLAR, 3/8" Set
28	5100947	2	ROD, NEUTRAL RETURN, CZ
29	5104375	2	FLANGED BUSHING, 3/8ID X .63OD X .8125FL
30	5101307	4	10MM BALL STUD, 5/16-18 X 3/4 THDS
31	5022068	2	GRIP, FOAM, 3/4" ID, 16" LONG -(S/N: 2017501539 & Below)
32	5047004A	2	MOUNT, CONTROL ARM - BLK -(S/N: 2017112711 & Below)(9.0" Total Length, 4 Adjustment Holes)
33	5413022A	1	WELD, CONTROL HANDLE-LH - BLK -(S/N: 2017501539 & Below)
34	5413023A	1	WELD, CONTROL HANDLE-RH - BLK -(S/N: 2017501539 & Below)
35	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
36	5021499	2	BEARING, FLANGE
37	5021098	2	BEARING, BRONZE FLANGE, 3/4"
38	5411446A	1	WELD, CONTROL SHAFT, LH - BLK
39	5411445A	1	WELD, CONTROL SHAFT, RH - BLK
40	5103106A	2	MOUNT, CONTROL ARM - BLK -(S/N: 2017112712 & Above)(10.95" Total Length, 3 Adjustment Holes)
41	5104722	2	GRIP, FOAM, 1" ID, 16" LONG -(S/N: 2017501540 & Above)
42	5414427A	1	WELD, HANDLE MOTION CNTRL, 16.5, 1.0, LH - BLK -(S/N: 2017501540 & Above)
43	5414428A	1	WELD, HANDLE MOTION CNTRL, 16.5, 1.0, RH - BLK -(S/N: 2017501540 & Above)

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

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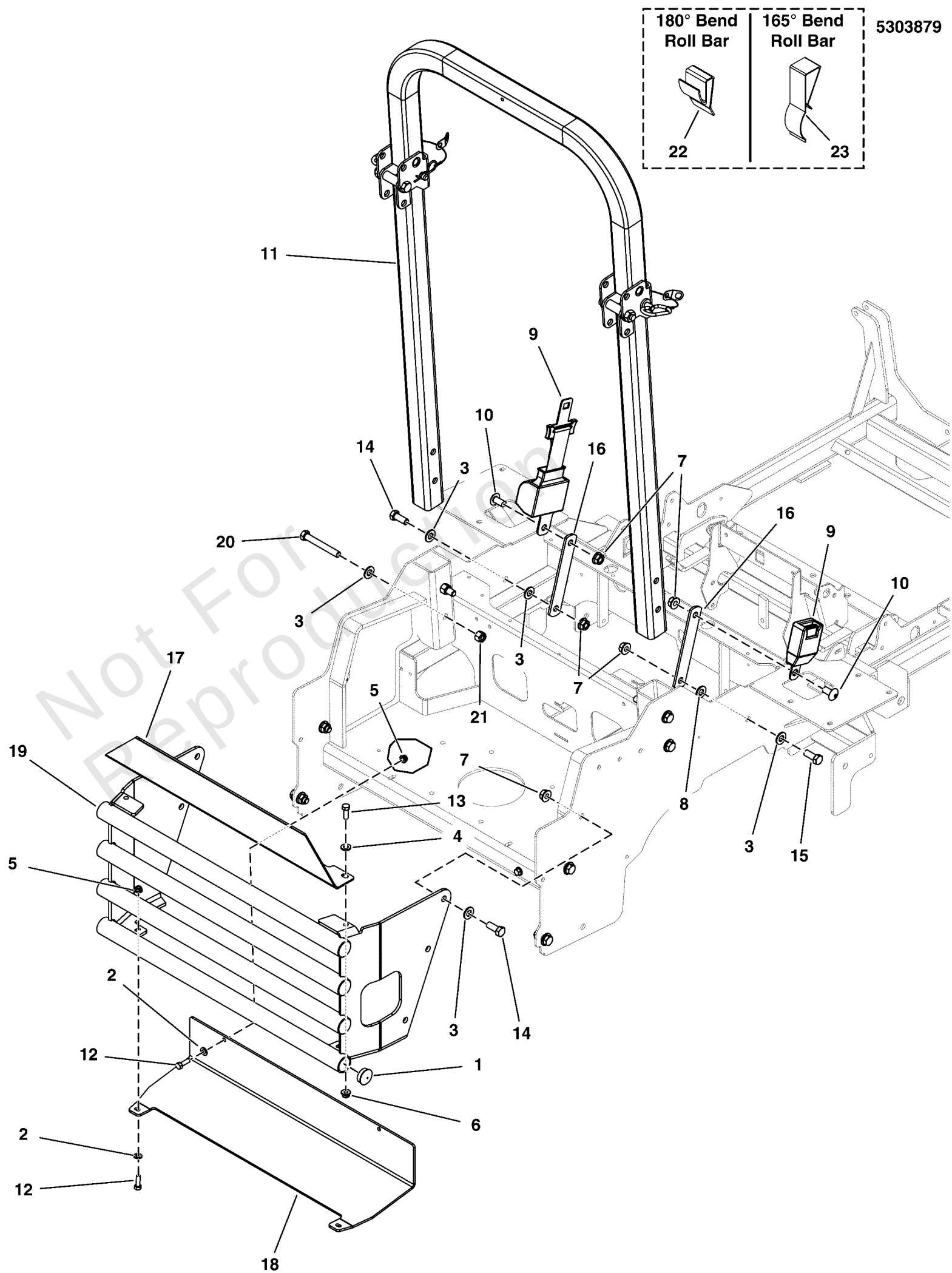
Parking Brake Group

REF NO	PART NO	QTY	DESCRIPTION
1	5021098	2	BEARING, BRONZE FLANGE, 3/4
2	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
3	5025155	2	WASHER, 5/16" SAE
4	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
5	5042134	2	SPACER, .32 X .75 X 1.06, PM
6	5100385	2	SPRING, COMP. 1/2 ID X .140 WIRE X 3.25
7	5101038	1	GRIP, FOAM, 3/4 ID X 6 X .187
8	5025011X14	4	BOLT, 5/16-18 X 1-3/4 GD5 YZ
9	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
10	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
11	5025011X10	3	BOLT, 5/16-18 X 1-1/4 GD5 YZ
12	5412681A	1	WELD, BRAKE SHAFT - BLK
13	5411363A	2	LINK, BRAKE LOCK - BLK
14	5025337	2	WASHER, 5/16 USS
15	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
16	5020047	2	COLLAR, 5/16 SET
17	5102463	2	SPACER, .33 X .50 X .25, CZ
18	-----	1	SWITCH (SEE ELECTRICAL GROUP)
19	5025011X12	2	BOLT, 5/16-18 X 1-1/2 GD5 YZ
20	80003675	4	NUT, 5/16-18, HEX, CNTR LK,ZINC PHOS/OIL
21	5103969	2	SPRING, EXTENSION, .521 X 4.12, BLACK
22	5104235	2	CABLE, PARKING BRAKE, 32"
23	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)

Rear Bumper and ROPS Group S/N: 4000161087 and Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357



Rear Bumper and ROPS Group S/N: 4000161087 and Below

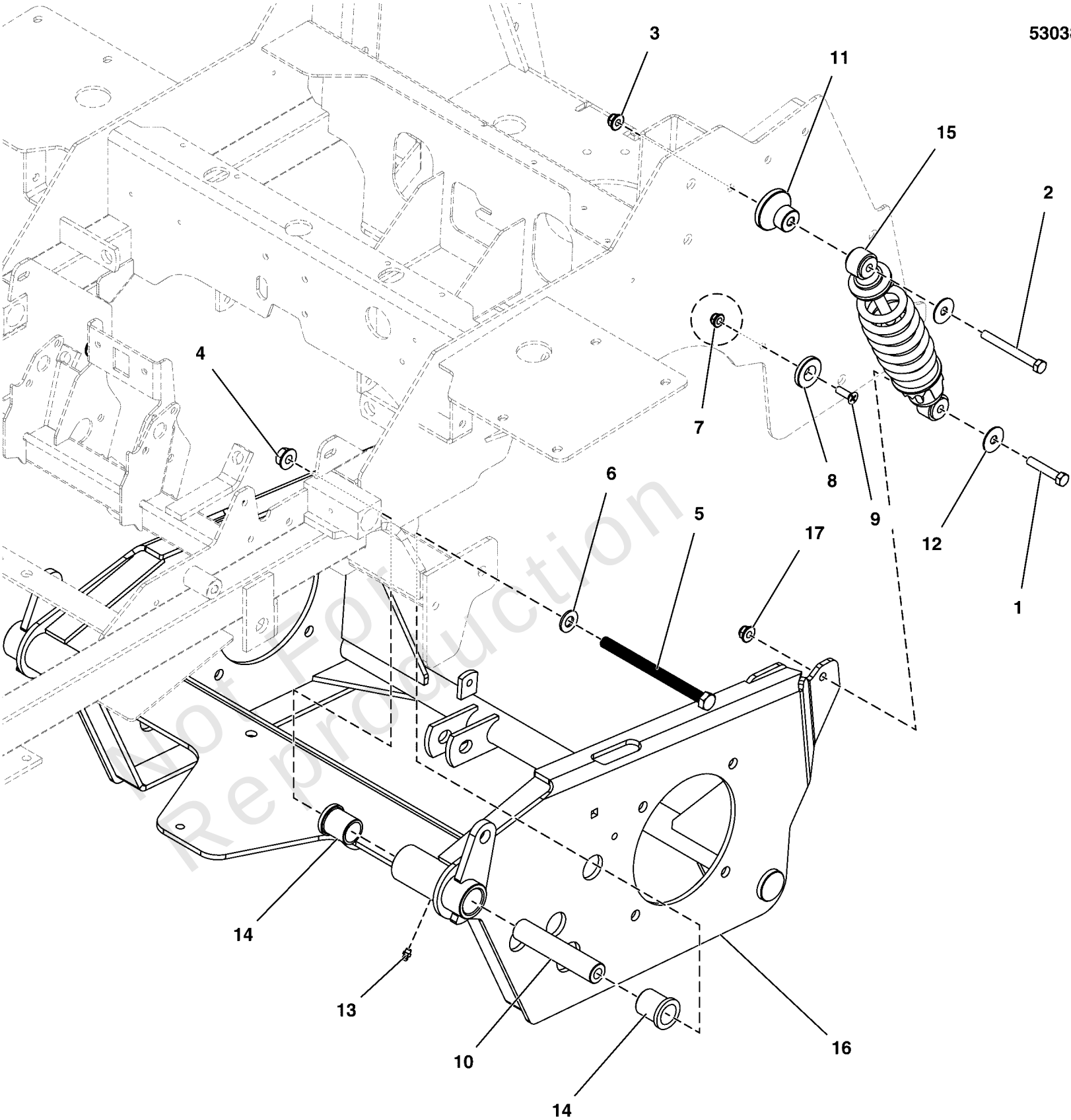
REF NO	PART NO	QTY	DESCRIPTION
1	5023484	8	PLUG, PANEL, 1.25 - BLACK
2	5025155	6	WASHER, 5/16" SAE
3	5025158	13	WASHER, 1/2 SAE
4	5025293	2	WASHER, 3/8 GD.9 FLAT
5	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
6	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
7	5025396	10	NUT, Hex Flange, Nylock, 1/2-13
8	5044609	1	SPACER, .52 X 1.00 X .38, CZ
9	5100139	1	SEAT BELT, RETRACTING - ASSM
10	5100267	2	SCREW, 1/2-13 X 1.00, SHCS
11	-----	1	ROPS, IS3200 -(Call 1-800-933-6175 ex.707 for ROPS service)
12	5025011X8	6	BOLT, 5/16-18 X 1 GD5 CZ
13	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
14	5025017X10	7	BOLT, 1/2-13 X 1-1/4 GD5 CZ
15	5025017X12	1	BOLT, 1/2-13 X 1-1/2 GD5 CZ
16	5410295A	2	BAR, MOUNT, SEAT BELT, IS700Z - BLK
17	5413988B	1	PLATE, CARB PROTECTOR - RED
18	5413044A	1	PLATE, HEAT SHIELD, IS3200 - BLK
19	5413129B	1	WELD, BUMPER, IS3200Z - RED
20	5025017X24	4	BOLT, 1/2-13 X 3" GD5 CZ
21	5025332	4	NUT, 1/2-13 HEX SIDE LOCK
22	5103403X1	2	ANTI-RATTLE SPRING, FEMCO #230328972 (SV) -(180 Degree Bend Roll Bar)
23	5105140X1	2	ANTI-RATTLE SPRING, ROPS, 165 DEGREE (SV) -(165 Degree Bend Roll Bar)

Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303885



Rear Suspension Group

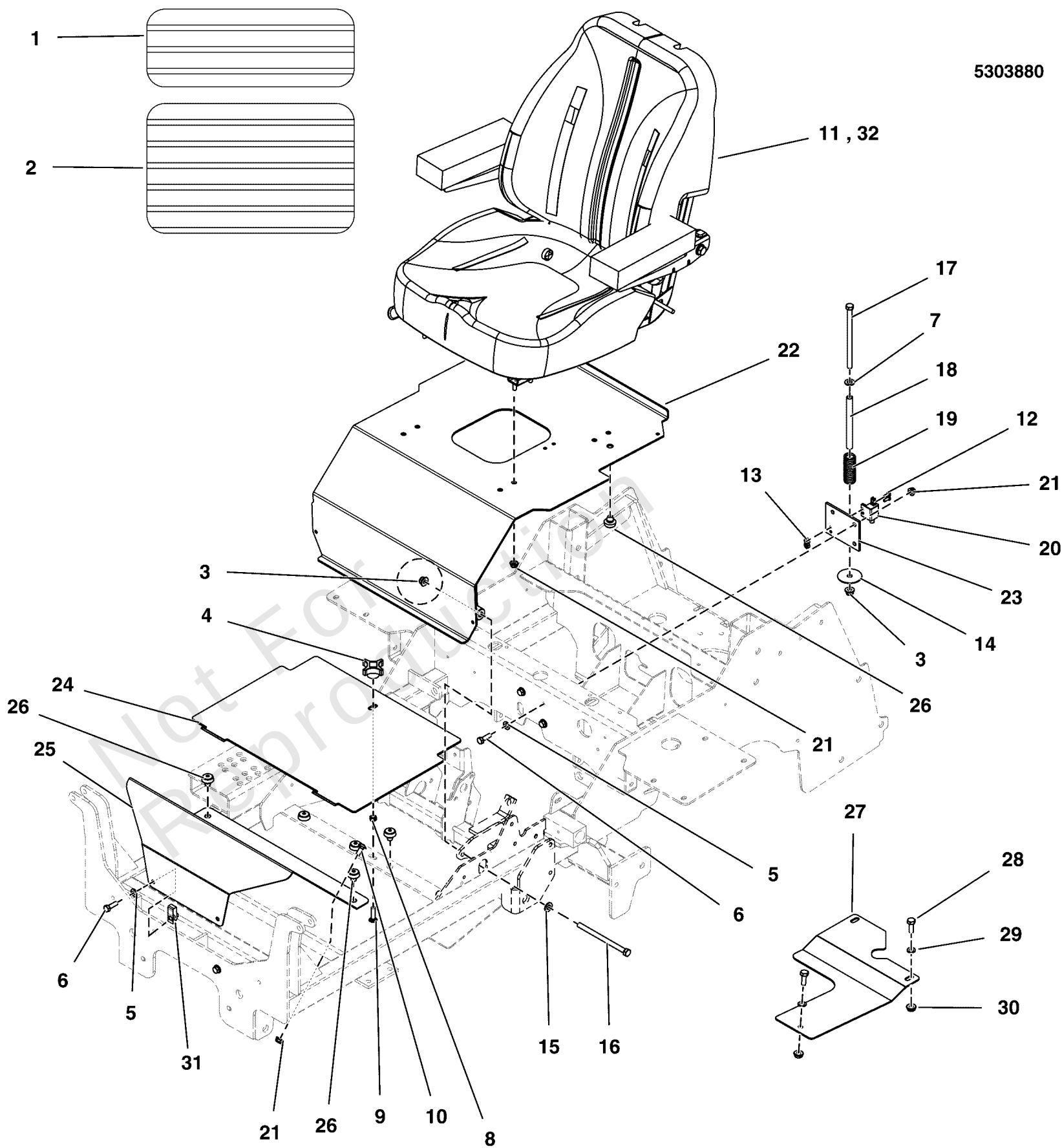
REF NO	PART NO	QTY	DESCRIPTION
1	5025013X16	2	BOLT, 3/8-16 X 2, GD5, CZ
2	5025013X28	2	BOLT, 3/8-16 X 3-1/2" GD5 CZ
3	5025100	2	NUT, 3/8-16 HEX SIDE LOCK
4	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
5	5025488X52	2	BOLT, 1/2-13 X 6-1/2 GD8, YZ
6	5025158	2	WASHER, 1/2 SAE
7	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5102701	2	SPACER, .34 X 1.54 X .25, PL
9	5025594	2	SCREW, 5/16-18X1, PHILLIPS HD. BZ
10	5100194	2	SPACER, .52 X 1.00 X 5.00
11	5104704	2	SPACER, .39 X 2.00 X 1.35, PM
12	5025165	4	WASHER-3/8 FENDER
13	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
14	5021541	4	BUSHING, FLANGE
15	5104060	2	SHOCK / SPRING ASSEMBLY, OE22376
16	84007759	1	CRADLE, Suspension
17	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE

Seat Plate & Floor Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303880



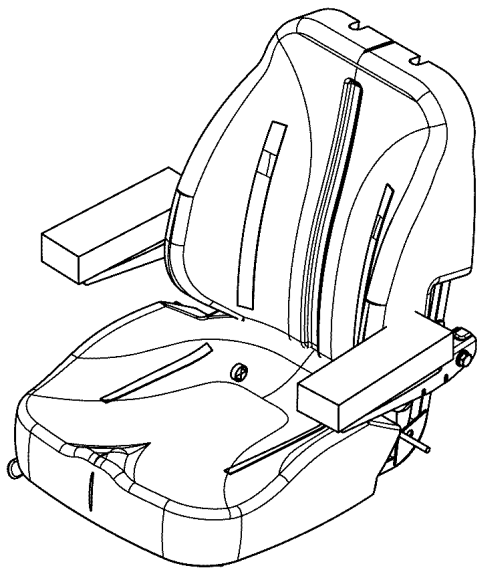
Seat Plate & Floor Group

REF NO	PART NO	QTY	DESCRIPTION
1	5101374	1	SAFETY WALK, FLOOR REST, 16.00 X 6.00
2	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X17.13
3	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
4	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
5	5025155	5	WASHER, 5/16" SAE
6	5025011X8	5	BOLT, 5/16-18 X 1" GRD5 YZ
7	5025401	1	WASHER, 3/8" USS
8	80003675	1	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
9	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE, GD5, CZ
10	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
11	5103372	1	SEAT, IS3100Z / IS5100Z -(S/N: 2017202281 & Below)
12	5025179X6	2	SCREW, #10-24 X 3/4" ROUND PHILLIPS
13	5025271	2	NUT, Hex, Nylon Lock, #10-24
14	5025326	1	WASHER, .39 X 2.00 X X .14
15	5025156	2	WASHER, 3/8 SAE
16	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ
17	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ
18	5046586	1	SPACER, .38 X .50 X 5.06, CZ
19	5100356	1	SPRING, .688 ID X .130 WIRE DIA 4.25
20	-----	1	SWITCH (SEE ELECTRICAL GROUP)
21	5025392	9	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
22	5600838	1	ASSM, SEAT PLATE W/DECALS, IS3200Z-DOM (5412767B) -(5412767B)(USA Models Only)
22	5600839	1	ASSM, SEAT PLATE W/DECALS, IS3200Z-EXP (5412767B) -(5412767B)(Export Models Only)
23	5410583AYP	1	WELD, SEAT SWITCH
24	5412905B	1	PLATE, FLOOR, REMOVABLE, IS3100Z - RED
25	5412908B	1	PLATE, FRONT FLOOR, IS3100Z - RED
26	197546	10	MNT, VBRTN, RBBR
27	5411984A	1	GUARD, DEBRIS, IS2100Z - BLK
28	5025010X6	3	BOLT, 1/4"-20 X 3/4" GD5 YZ
29	5025154	3	WASHER, 1/4 SAE
30	5025126	3	NUT, 1/4-20 HEX SERR. FLANGE
31	5025452	2	BODY CLIP, 5/16-18 -1/4 MATERIAL
32	5104719	1	SEAT, HIGH BACK, SEAT INC -(S/N: 2017202282 & Above)

Seat Replacement Parts - 5103372 & 5104719

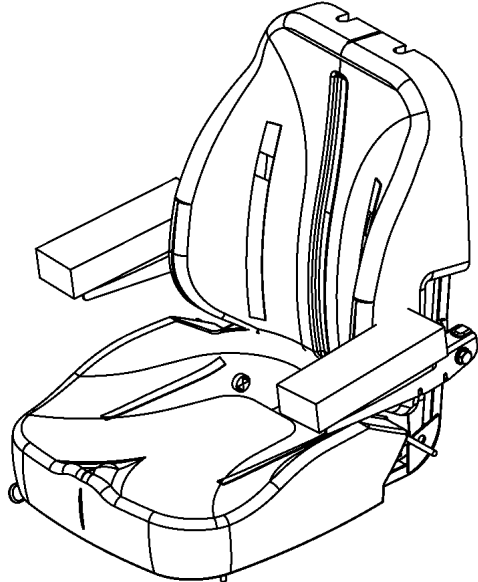
Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5901357

Seat Number: 5103372 - “Black/Gray Deluxe Seat, Red Trim”



- 1 - Seat Back Cover
- 2 - Seat Cushion Cover
- 3 - Arm Rest Assembly
- 4 - Arm Rest Pad

Seat Number: 5104719 - “Seat, High Back, Seats Inc”



- 5 - Arm Pad Assembly
- 6 - Arm Rest Assembly (Left and Right)
- 7 - Back Cover
- 8 - Bottom Cover
- 9 - Track Kit

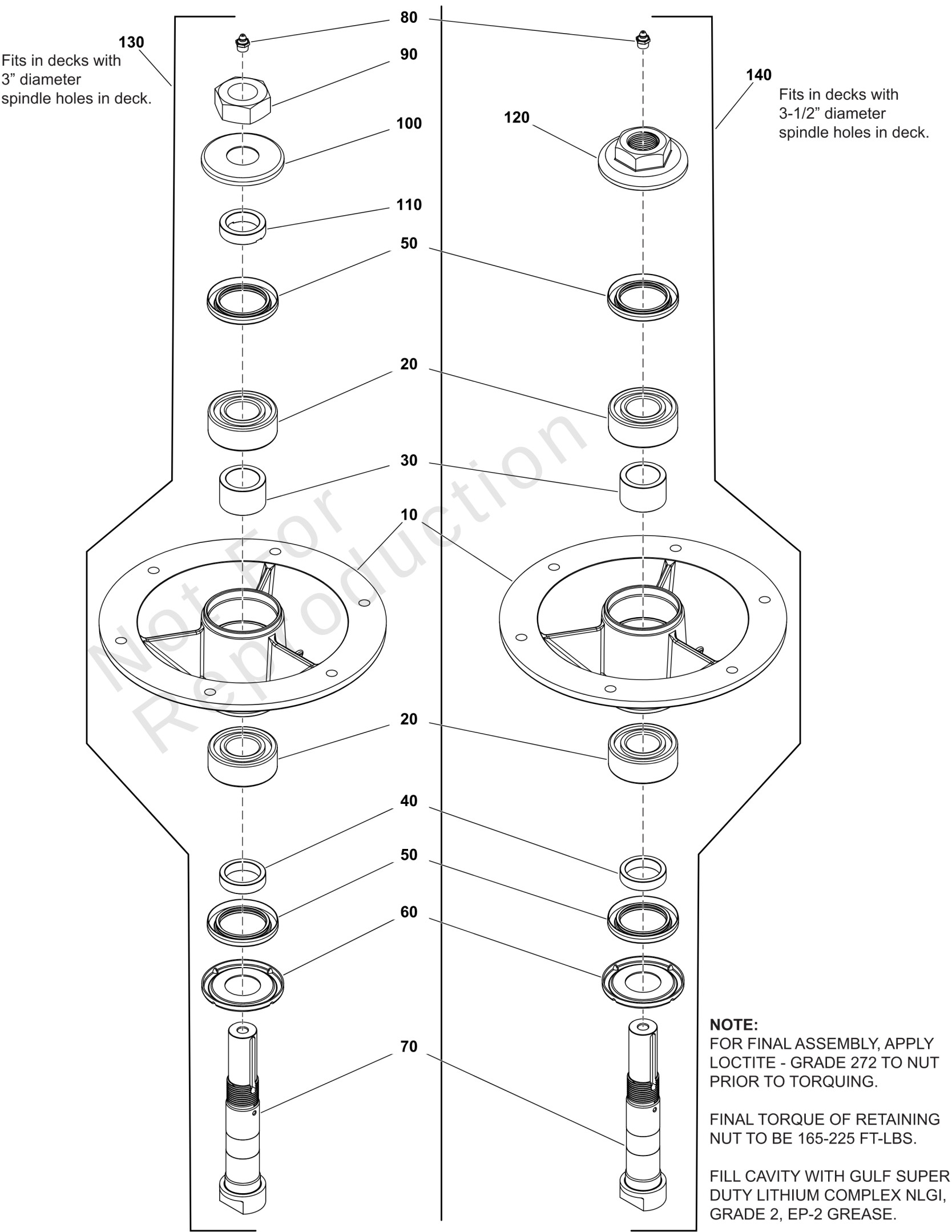
Seat Replacement Parts - 5103372 & 5104719

REF NO	PART NO	QTY	DESCRIPTION
1	5103372X1	1	COVER, SEAT BACK, EVC, SEATS INC
2	5103372X2	1	COVER, CUSHION, EVC, SEATS INC
3	5103372X3	1	ARM REST ASSEMBLY
4	5103372X4	1	ARM REST PAD
5	5104719X1	1	ARM PAD ASSEMBLY
6	5104719X2	1	ARM REST ASSEMBLY (LEFT AND RIGHT)
7	5104719X3	1	BACK COVER
8	5104719X4	1	CUSHION COVER
9	5104719X5	1	TRACK KIT

Spindle Service Parts - 84003242 / 84007984

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357



Spindle Service Parts - 84003242 / 84007984

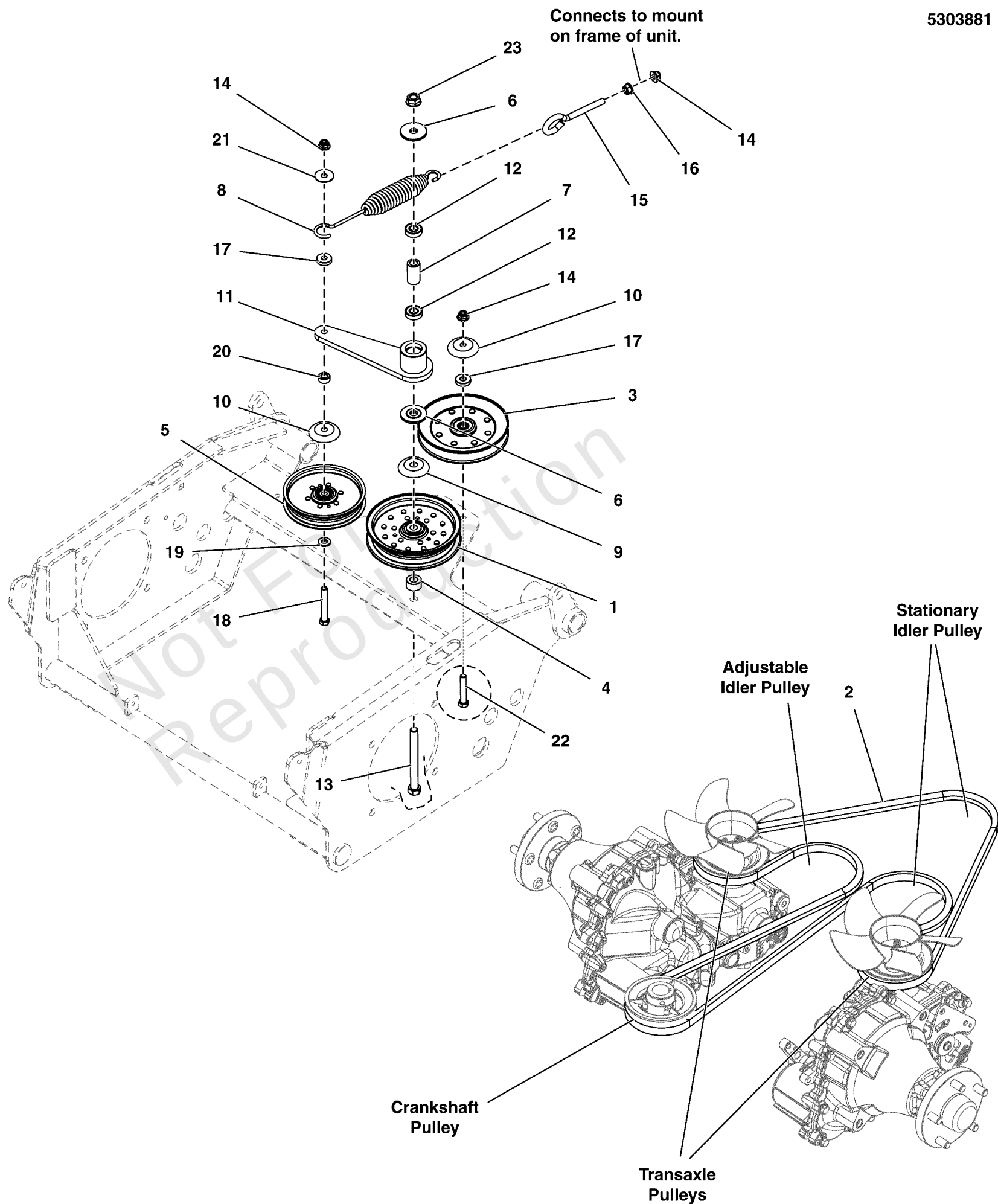
REF NO	PART NO	QTY	DESCRIPTION
10	84003315	1	HOUSING, SPINDLE
20	84003324	2	BEARING
30	84003325	1	SPACER
40	84003319	1	SPACER
50	84003323	2	SEAL, LIP
60	84003317	1	SHIELD
70	84003320	1	SHAFT, SPINDLE
80	5023329SM	1	FITTING
90	84003321	1	NUT
100	84003318	1	SHIELD
110	84003316	1	SPACER (1.183 x 1.625 x 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.)

Transaxle Drive Group S/N: 2018015083 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357

5303881



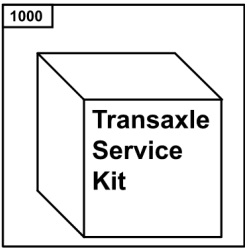
Transaxle Drive Group S/N: 2018015083 & Below

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	Replace with: Pulley #5104717 & Debris Shield #5105145
2	5104378	1	BELT, B-SEC, 129"EL, ARAMID, WRAPED
3	5102093	1	PULLEY-IDLER-V, 5.83OB, .38ID, .94W, STL
4	5101162	1	SPACER, .52 X 1.00 X .56, CZ
5	5103789	1	PULLEY, C-SEC, V-IDLER, 6.25"ODX3/8ID
6	5103262	2	SPACER, IDLER ARM, 1/2, PM
7	5103812	1	SPACER, .52 X .84 X 1.53, PM
8	5100632	1	SPRING-EXT, 1.25OD X 9.3LG X .142WR, BLK
9	5101103	1	SHIELD, PULLEY BEARING, CZ
10	5103787	2	SHIELD, BEARING PULLEY, 3/8ID, CZ
11	5413140A	1	WELD, IDLER ARM, 7.50, BEARINGS - BLK
12	7078243	2	BEARING, BALL, AXLE
13	5025017X40	1	BOLT-1/2-13 X 5 GD5 YZ
14	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
15	5025429	1	EYEBOLT, 3/8-16 X 4, 2.13THRD, .75EYE, C
16	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
17	5044960	2	SPACER, .39 X 1.00 X .25
18	5025013X22	1	BOLT, 3/8-16 X 2-3/4" GD5 CZ
19	5025293	1	WASHER, 3/8 GD.9 FLAT
20	5046860	1	SPACER, .39 X 1.00 X .50, CZ
21	5025165	1	WASHER-3/8 FENDER
22	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
23	5025396	1	NUT, Hex Flange, Nylock, 1/2-13

Transaxle SERVICE PARTS - ZT5400

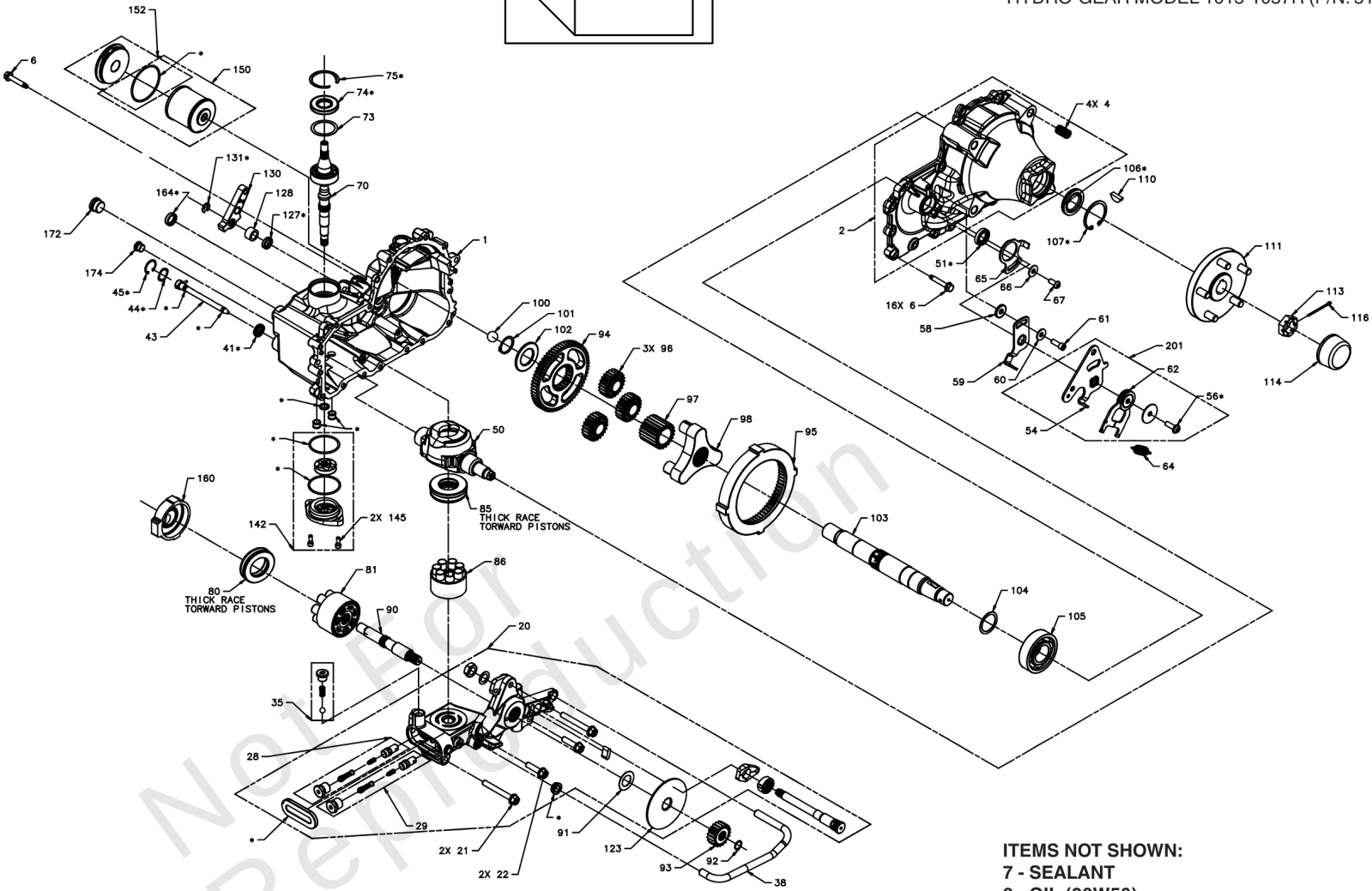
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901357



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)



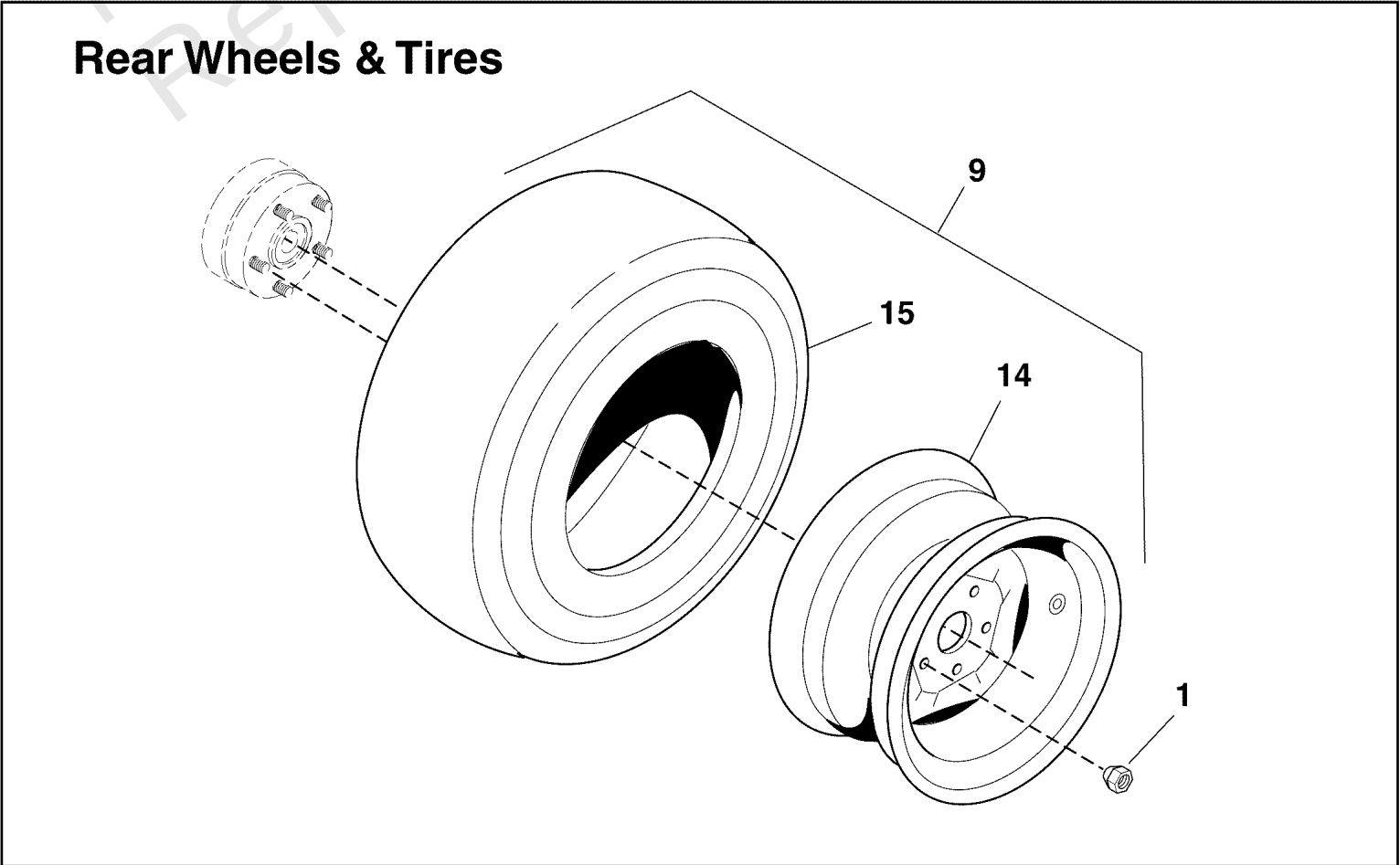
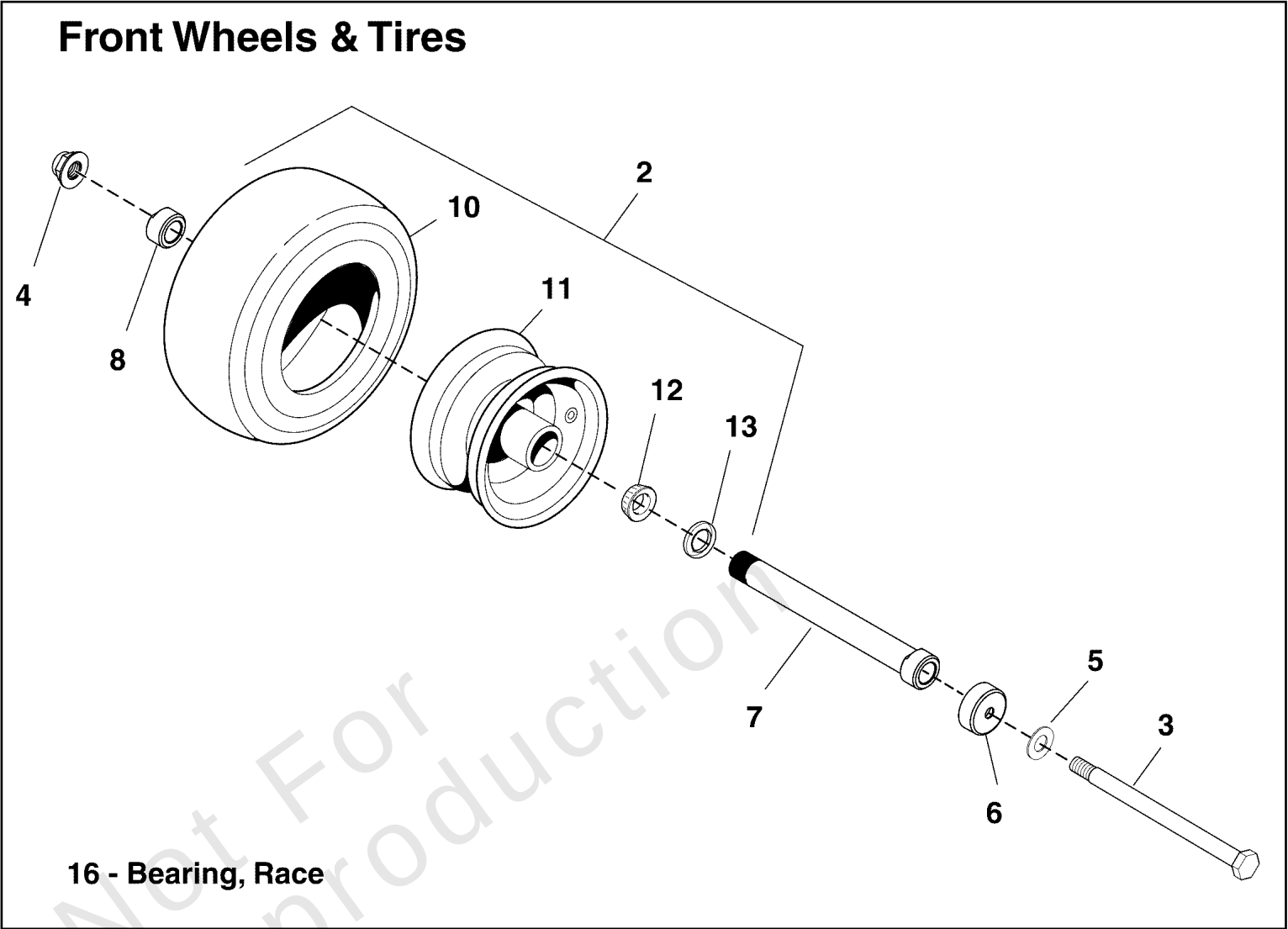
ITEMS NOT SHOWN:
7 - SEALANT
8 - OIL (20W50)
200 - SEAL KIT (*) PARTS INCLUDED IN SEAL KIT

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.



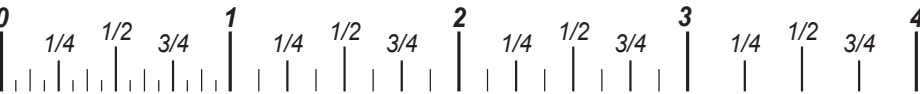
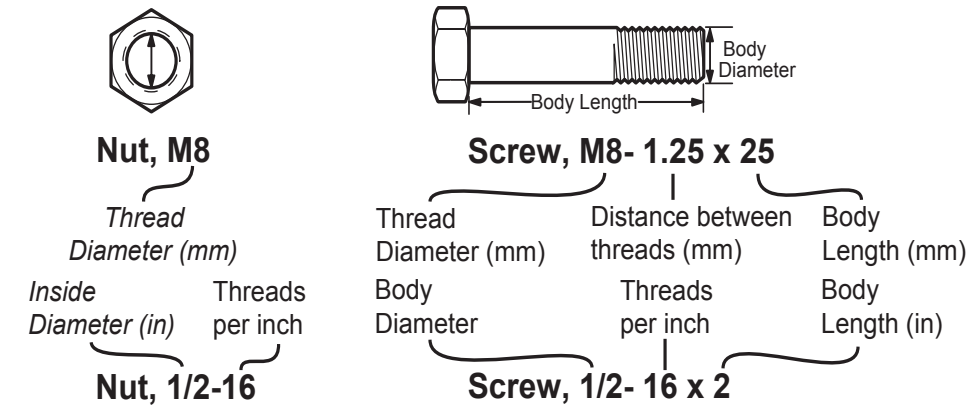
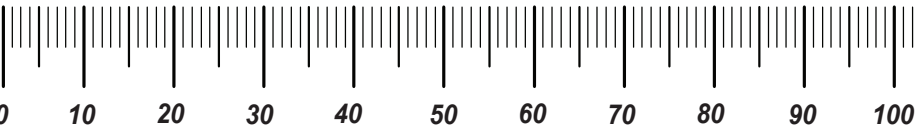
Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	5020601	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER
2	5023136	2	TIRE ASSM, 13 X 6.5 - 6, PNE / TB
3	5025017X72	2	BOLT, 1/2-13 X 9 GD5 CZ
4	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
5	5025158	2	WASHER, 1/2 SAE
6	5103594	4	DEBRIS, COVER, CASTER WHEELS
7	5103649	2	BEARING ADJUSTER, SPACER, 7.062 LG
8	5103650	2	NUT, BEARING ADJUSTER, AXLE
9	5104380	2	TIRE/WHEEL ASM, 26X12.00-12, TURF SMART -(S/N: 4000798695 and below)
9	5108099	2	TIRE WHEEL ASM, 26X12.00-12, MULTI-TRAC -(S/N: 4000798696 and above)
10	5022577	2	TIRE, RUBBER ONLY
11	5023136X1	2	WHEEL ASSEMBLY, FOR 13 X 6.5 X 6 TIRES (INCLUDES BEARING AND SEALS)
12	5022631SX2	4	BEARING, Tapered Roller -(2 per tire)
13	5022631SX3	4	SEAL, GREASE -(2 per tire)
14	5104380X1	2	WHEEL, 12 X 9.5, SOLD, 4.063" OFFSET (SV)
15	5104380X2	2	TIRE, TURF SMART, 26X12.00-12 4 PLY (SV) -(S/N: 4000798695 and below)
15	84003893	2	TIRE, 26 X 12 - 12 -(S/N: 4000798696 and above)
16	5022631SX4	2	BEARING, RACE -(Not illustrated)

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).

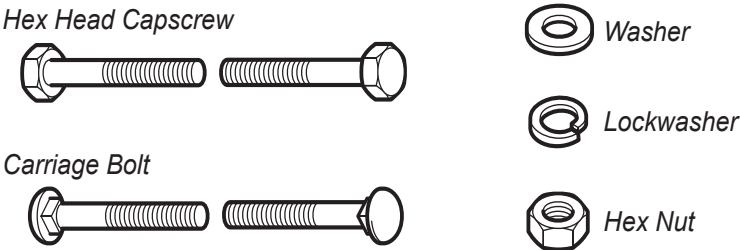
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

