



Parts Manual

Mfg. No: 5902161

ISX3300 Series w/ 72" iCD+ Mower Deck
& ROPS (ISX3300, 72, V36, NA)



5600860 - Kit, Trailer Hitch (IS3100/IS3200/F320).....	
5600962 - Striping Kit, 72 iCD / iCD+ Deck.....	
5600891 - Roll Bar Mounted LED Headlight Kit.....	
5601079 - Service Jack Extension Sleeve Kit.....	
5601080 - Service Jack Kit.....	
5601235 - Service Jack Mount Kit (7.25") 2200/3300.....	
5106752S - Laser Edge Blade Set, 72" Deck.....	
5106751X1 - Terra Trac Tire, 26 X 12 - 12.....	
5601468 - Mulch Kit for ZTR w/ 72" iCD+.....	
84010864 - Front Baffle Kit for 72" iCD+ Decks.....	
5108751 - Flat Free Tire Assembly w/ Tapered Bearing, Black (13 X 6.5 - 6).....	
5601372 - Fender Kit.....	

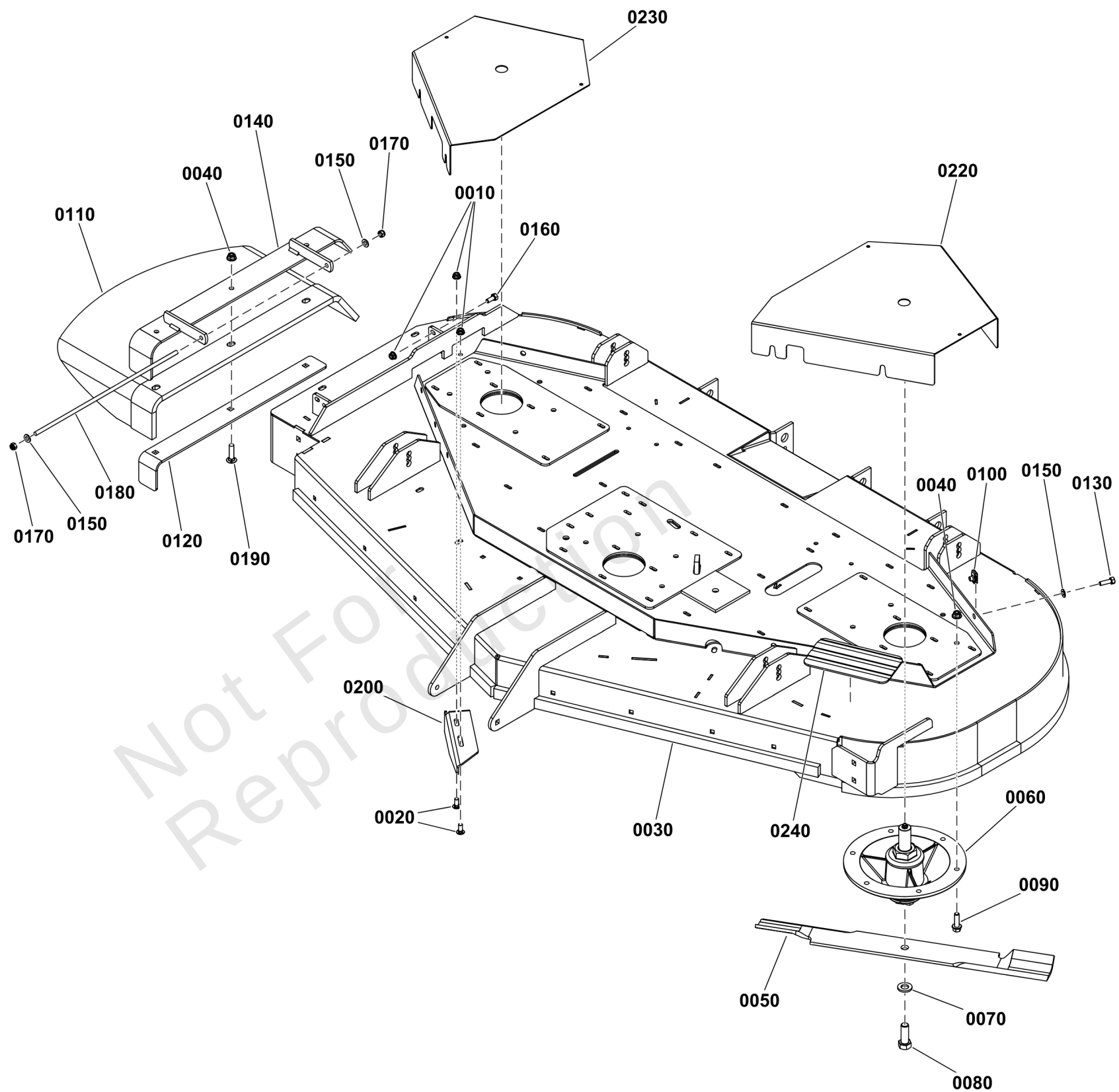
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72" iCD+ Mower Deck Group - Housing, Covers, Spindles, and Blades - 2 Belt System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



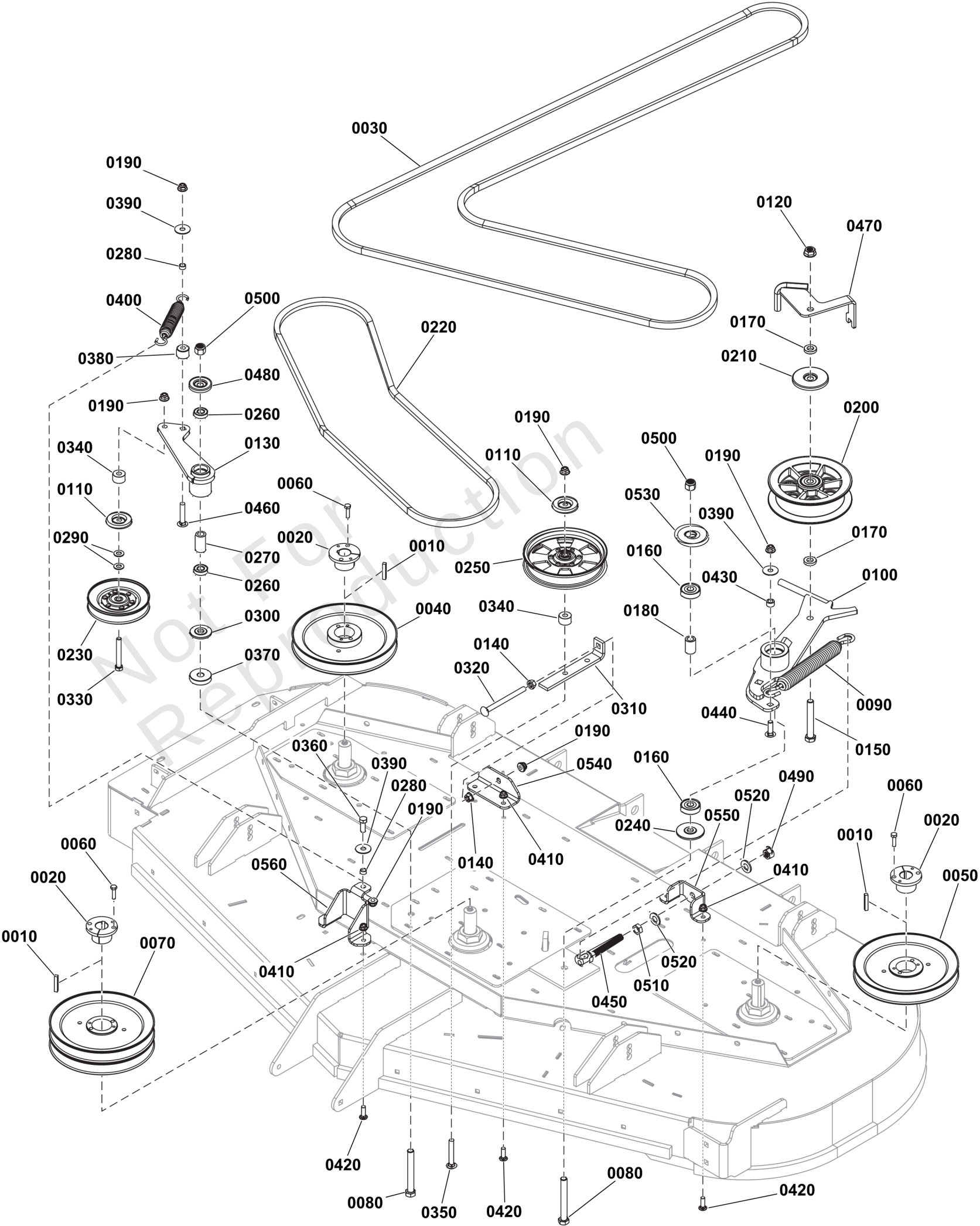
72" iCD+ Mower Deck Group - Housing, Covers, Spindles, and Blades - 2 Belt System

REF NO	PART NO	QTY	DESCRIPTION
0010	5025392FS	3	NUT
0020	5025145X6SM	2	BOLT, 5/16-18 X 3/4",
0030	84012646	1	DECK SHELL W/DECALS
0040	5025394SM	21	NUT, 3/8-16 HEX NYLOCK
0050	5102227S	3	BLADE, 25 X 25 X 2.50, HIGH LIFT (SET OF 3)
0060	84003242	3	SPINDLE ASSEMBLY
0070	5025477SM	3	WASHER, 5/8" YZ
0080	770136	3	BOLT
0090	5025390X10FS	18	BOLT
0100	5022308SM	6	BODY CLIP, 5/16-18 X
0110	84010904	1	CHUTE, Discharge
0120	84003245	1	PLATE, SUPPORT
0130	5025011X8FS	6	BOLT
0140	84008171	1	MOUNT
0150	703350	8	WASHER
0160	5025011X6SM	1	BOLT, 5/16-18 X 3/4"
0170	5025045SM	2	NUT, 5/16-24 HEX NYLO
0180	5061300FS	1	ROD
0190	5025146X12YP	3	BOLT, 3/8-16 X 1-1/2
0200	5407876AYP	1	DEFLECTOR
0220	84013431	1	PLATE, Cover, Left (Includes mounting hardware)
0230	84013432	1	PLATE, Cover, Right (Includes mounting hardware)
0240	5101004SM	1	SAFETY WALK

72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms - 2 Belt System

Note: Unless noted otherwise, use the standard torque specifications

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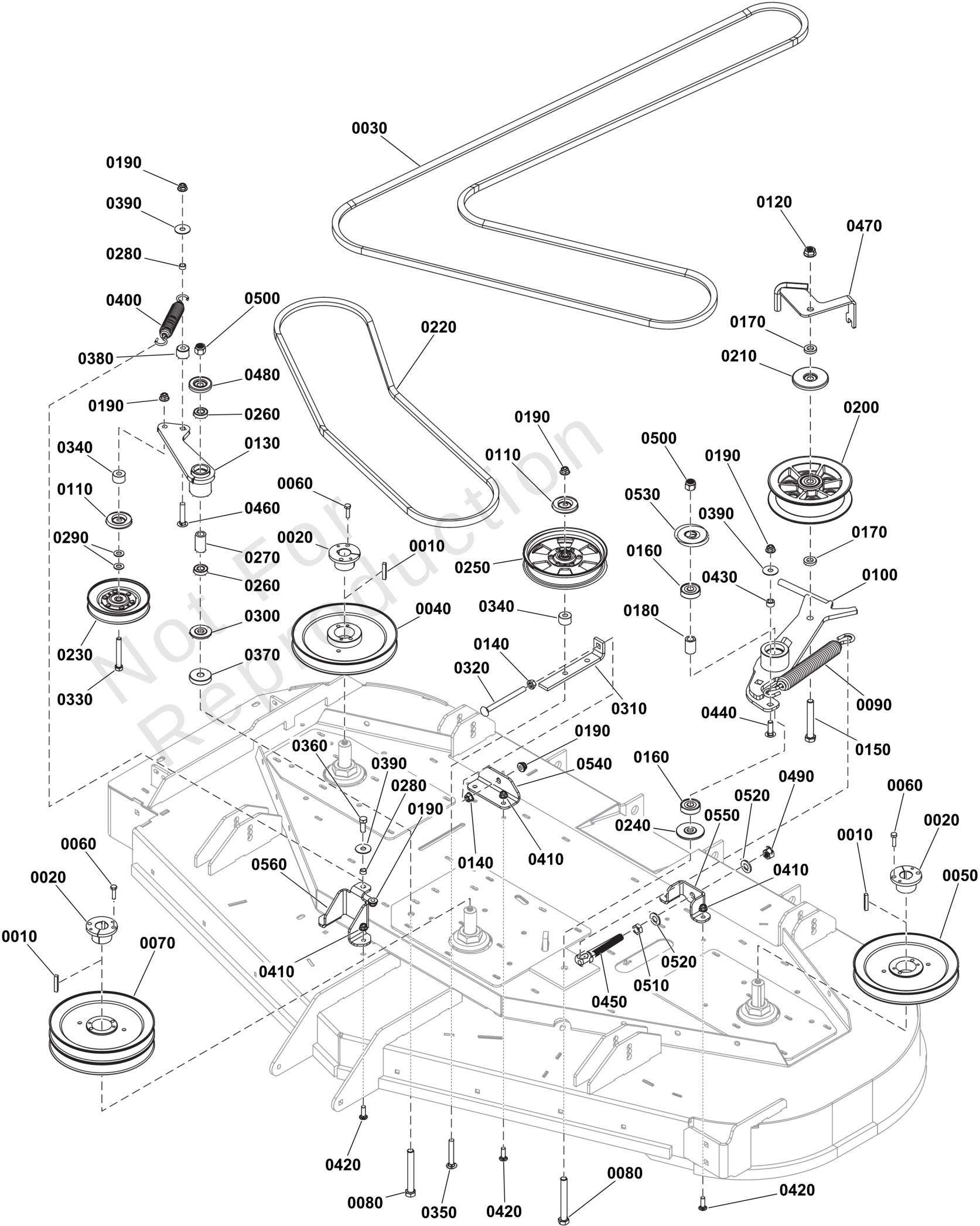
72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms - 2 Belt System

REF NO	PART NO	QTY	DESCRIPTION
0010	5022726YP	3	KEY 1/4 SQ X 1 1/2
0020	5020819SM	3	BUSHING, Tapered Hub (Includes bolts)
0030	84003292	1	BELT
0040	84003286	1	PULLEY
0050	84003287	1	PULLEY
0060	5025010X8SM	6	BOLT, 1/4-20 X 1", GD
0070	84003288	1	PULLEY
0080	5025017X32YP	2	BOLT, 1/2-13 X 4 GD5
0090	5105068YP	1	SPRING
0100	84003252	1	ARM, IDLER
0110	5105033YP	2	SHIELD
0120	770225	1	NUT
0130	5416161AYP	1	ARM-IDLER
0140	5025128SM	2	NUT, 3/8-16 HEX SERRA
0150	5025017X28SM	1	BOLT, 1/2-13 X 3-1/2"
0160	5104383YP	2	BEARING
0170	5100520SM	2	SPACER .515X1.00X.218
0180	5104456YP	1	SPACER, .51 X .84 X 1
0190	5025394SM	6	NUT, 3/8-16 HEX NYLOCK
0200	84007049	1	PULLEY ASSEMBLY
0210	5105041YP	1	SHIELD
0220	5105036FS	1	BELT
0230	84004874	1	PULLEY
0240	5104379YP	1	SPACER
0250	84003290	1	PULLEY
0260	7078243YP	2	BEARING, BALL, AXLE
0270	5103812YP	1	SPACER, .52 X .84 X 1
0280	5041930SM	2	SPACER, .38 X .50 X .
0290	5025156FS	2	WASHER
0300	5103262YP	1	SPACER, IDLER ARM
0310	84003284	1	PLATE
0320	5025146X36YP	1	BOLT
0330	5025013X22SM	1	BOLT, 3/8-16 X 2-3/4"
0340	5100334SM	2	SPACER
0350	84005878	1	BOLT
0360	5025013X8SM	1	BOLT, 3/8-16 X 1" GD5
0370	84003251	1	SPACER
0380	5043815YP	1	SPACER
0390	5025165SM	3	WASHER, 3/8" FENDER
0400	5022847SM	1	SPRING, EXTENSION, SW
0410	5025392FS	6	NUT
0420	5025145X8SM	6	BOLT, 5/16-18 X 1", C
0430	5105297YP	1	SPACER
0440	703130	1	BOLT
0450	5105844YP	1	ANCHOR, SPRING
0460	5025146X16SM	1	BOLT, 3/8-16 X 2", CA
0470	84003253	1	GUIDE, BELT
0480	84007959	1	SHIELD, BEARING, 1/2" ID-1.75"
0490	5025098SM	1	NUT, 1/2-20 HEX NYLON
0500	5025056FS	2	NUT
0510	5025089SM	1	NUT, 1/2-20 HEX JAM

72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms - 2 Belt System

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72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms - 2 Belt System

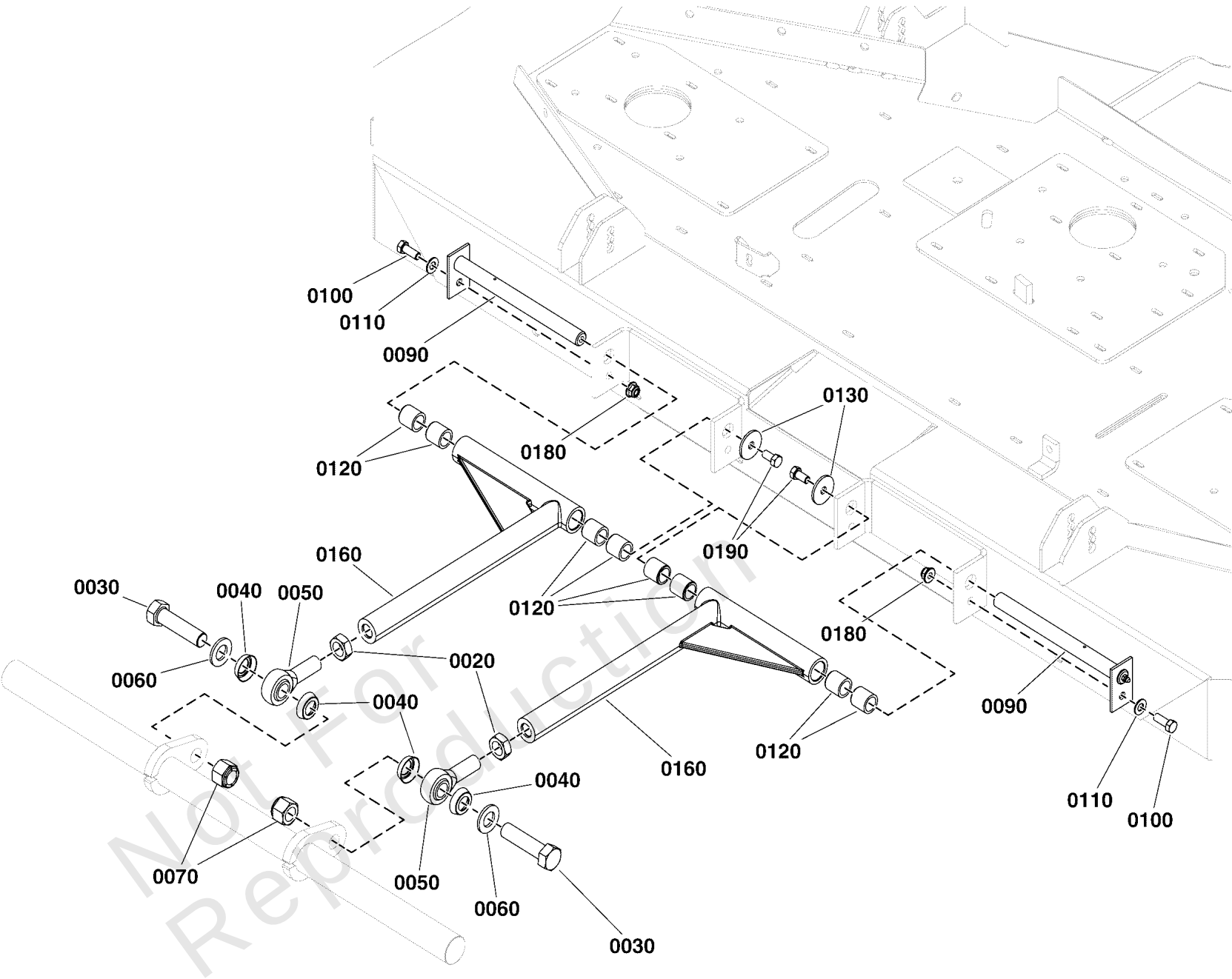
REF NO	PART NO	QTY	DESCRIPTION
0520	5025158SM	2	WASHER, 1/2" SAE
0530	84007958	1	SHIELD, BEARING, 1/2" ID-2.5"
0540	84007961	1	PLATE, PULLER MOUNT, SPRING-BLK
0550	84007962	1	PLATE, IDLER BOLT, LONG-BLK
0560	84007963	1	PLATE, SPRING MOUNT - BLK

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72" iCD+ Mower Deck Group - Pusher Bars

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Mfg. No: 5902161



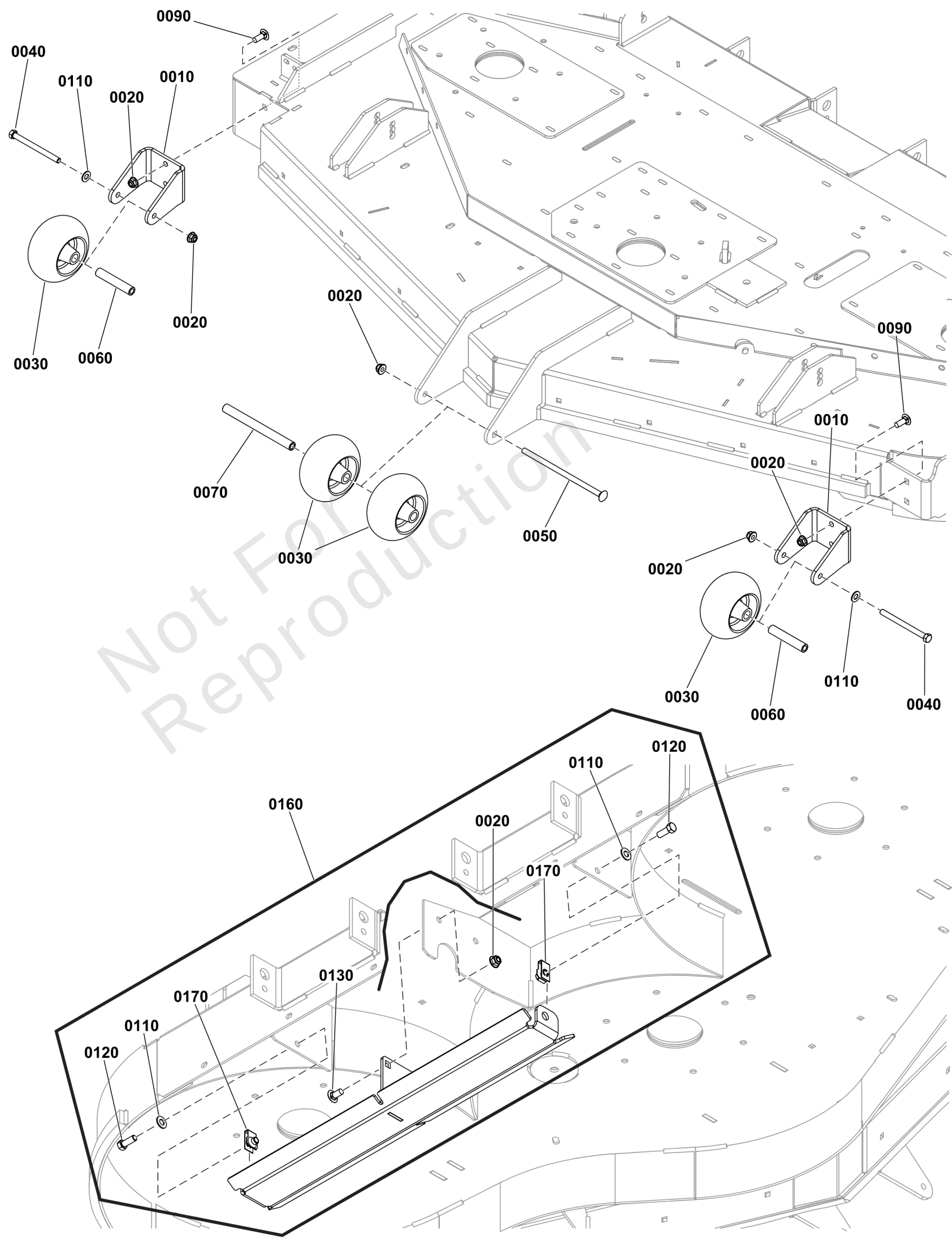
72" iCD+ Mower Deck Group - Pusher Bars

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" iCD+ Mower Deck Group - Rollers

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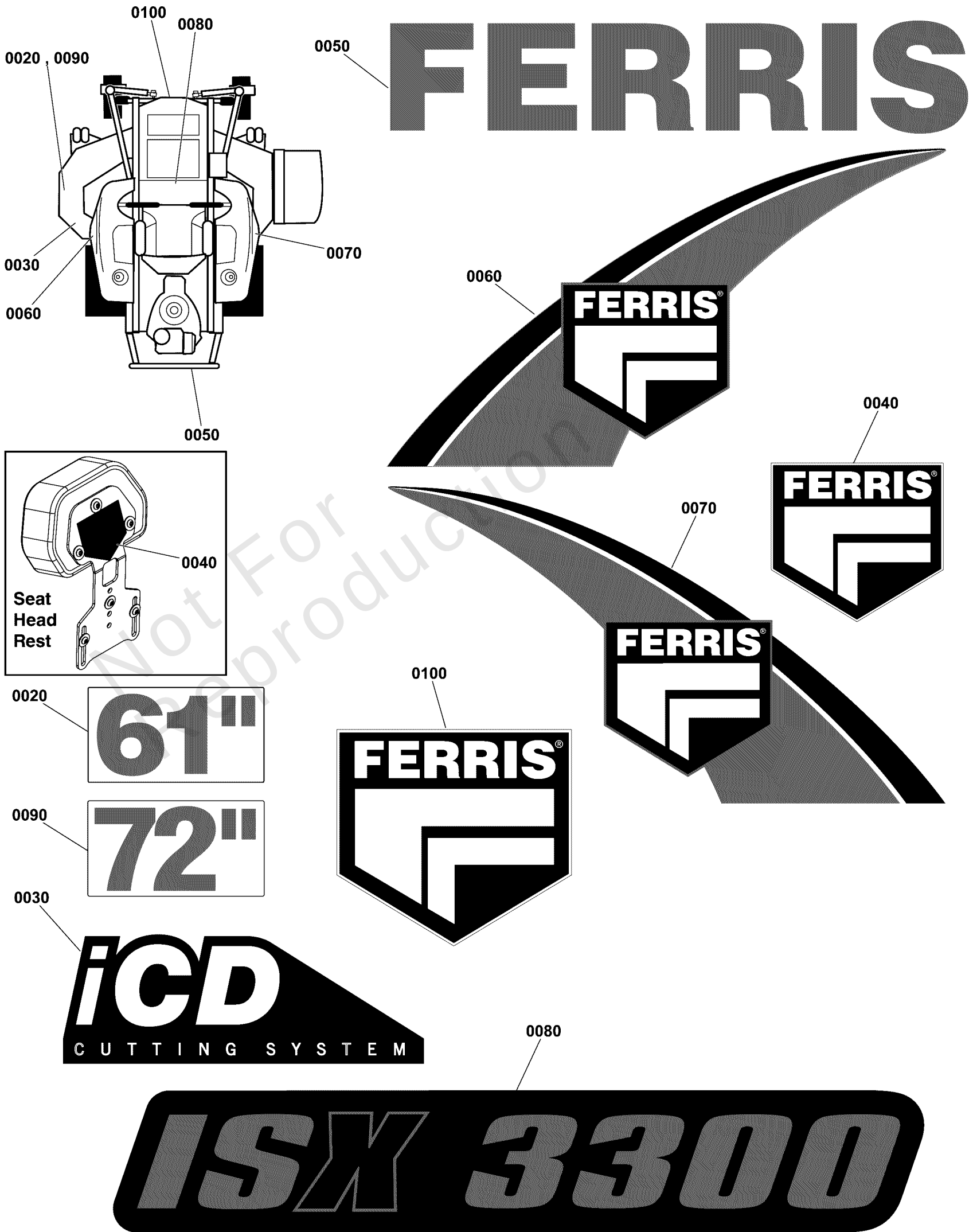
72" iCD+ Mower Deck Group - Rollers

REF NO	PART NO	QTY	DESCRIPTION
0010	84010863	2	MOUNT, Roller
0020	5025394SM	9	NUT, 3/8-16 HEX NYLOCK
0030	5105521FS	4	WHEEL
0040	5025013X36YP	2	BOLT, 3/8-16 X 4-1/2
0050	84007856	1	BOLT, Carriage 3/8-16 X 8
0060	5105554YP	2	SPACER
0070	84007855	1	SPACER
0090	703814	4	BOLT, RD HD, 3/8-16X1
0110	5025156FS	4	WASHER
0120	5025013X8SM	2	BOLT, 3/8-16 X 1" GD5
0130	703448	2	BOLT, 3/8-16X.75 G5
0160	84013623	1	PLATE, Skid
0170	5022649FS	2	CLIP

Decal Group - Brand and Model

Note: Unless noted otherwise, use the standard torque specifications

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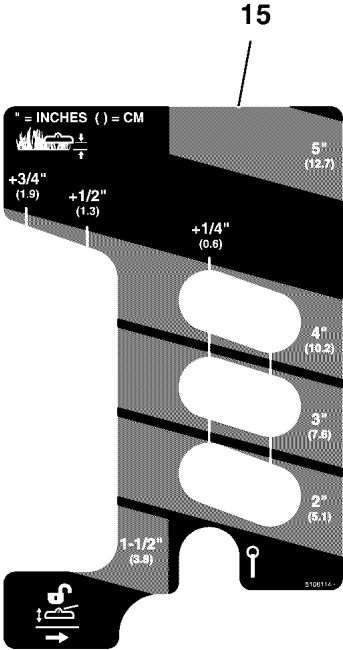
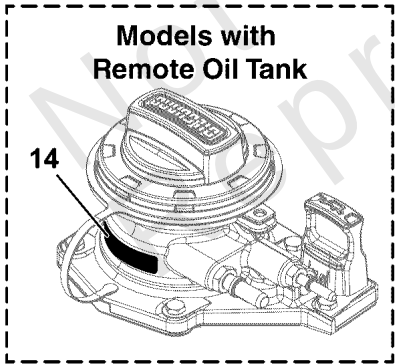
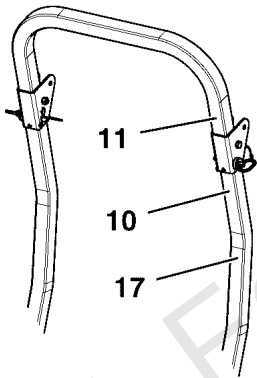
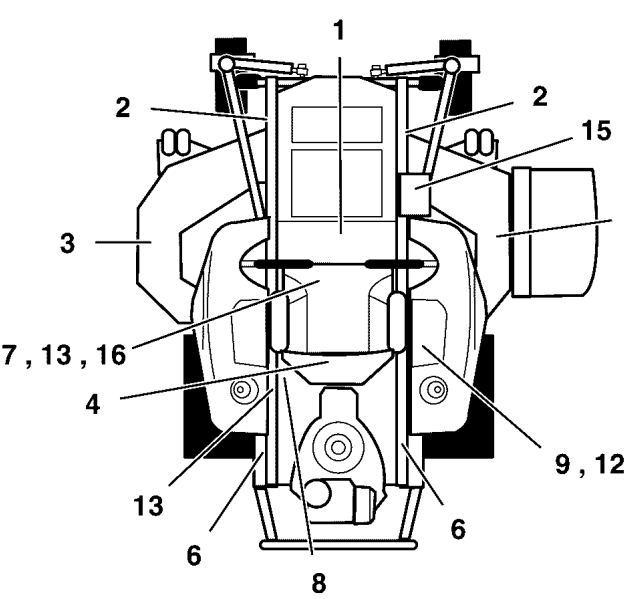
Decal Group - Brand and Model

REF NO	PART NO	QTY	DESCRIPTION
0020	5022813	1	DECAL, 61" -(Models with 61" Mower Decks)
0030	5102210	1	DECAL, iCD CUTTING SYSTEM
0040	5104756FS	1	DECAL, BRAND
0050	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
0060	5108857	1	DECAL, TANK, LH, FERRIS
0070	5108858	1	DECAL, TANK, RH, FERRIS
0080	5108272	1	DECAL, ISX3300
0090	5022814	1	DECAL, 72" -(Models with 72" Mower Decks)
0100	5104724	1	DECAL, FERRIS LOGO, MEDIUM

Decal Group - Safety & Operation (North America Models)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



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.

DANGER

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.

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

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

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

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

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.

WARNING

Ignition System (Gasoline Models)

This spark ignition system complies with Canadian standard ICES-002

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.

Belts & Blades	
Tractor	
Pump Drive Belt	5104378
61" Mower	
Deck Drive Belt - Long LH	5104982
Deck Drive Belt - Short RH	5104780
Mower Blade	5101755S
72" Mower	
Deck Drive Belt - Long LH	5105035
Deck Drive Belt - Short RH	5105036
Mower Blade	5102227S

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.

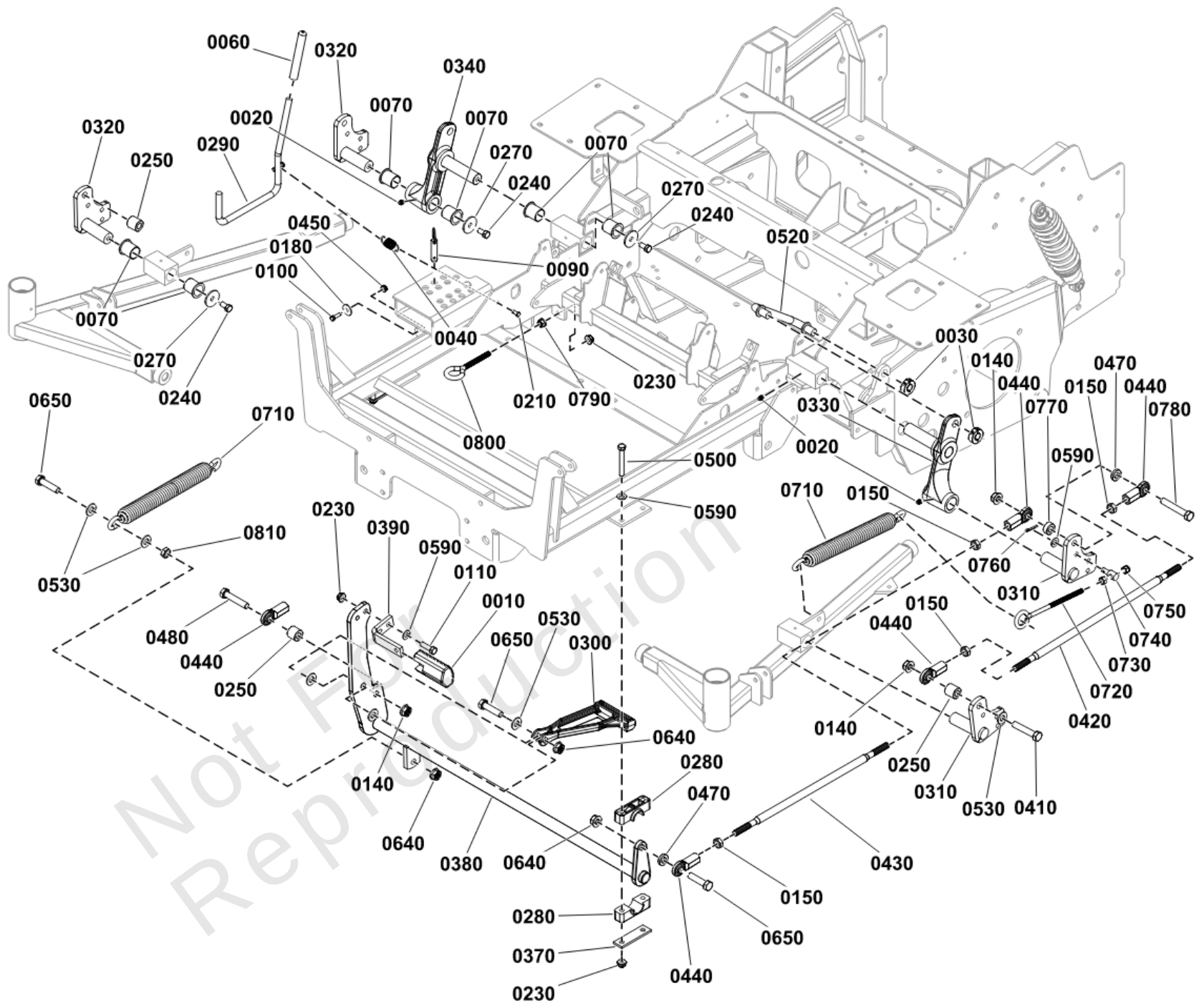
Decal Group - Safety & Operation (North America Models)

REF NO	PART NO	QTY	DESCRIPTION
1	84008252	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 OVERHANG, ROPS (SV)
12	5048970	1	DECAL, IGNITION SWITCH
13	5100957	1	DECAL, HYDRAULIC OIL, 20W50 -(Located on cross rail by hydraulic tanks)
14	-----	1	LABEL, OIL INFORMATION -(Models w/ Remote Oil Tank Only)
15	5108114	1	DECAL, CUTTING HEIGHT
16	5105192	1	DECAL, BELT & BLADE IS3200Z 2BELT
17	5104083	1	DECAL, CAUTION, FOLDING ROPS

Deck Lift Group

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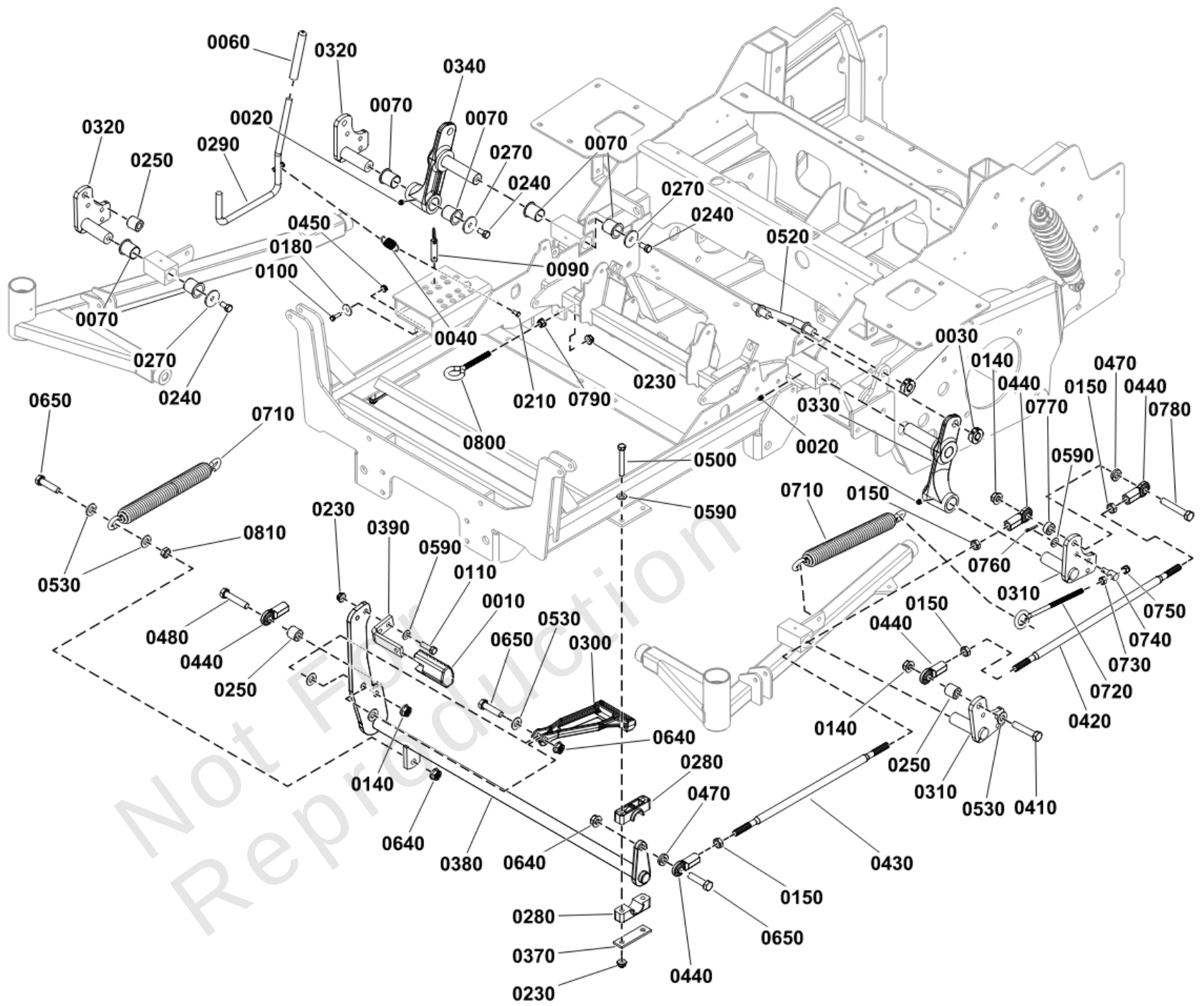
Deck Lift Group

REF NO	PART NO	QTY	DESCRIPTION
0010	5104262YP	1	PEDAL, RUBBER
0020	5020095SM	8	GREASE FITTING, 1/4-2
0030	5020441SM	4	COLLAR, 5/8" SPLIT
0040	5010213YP	1	SPRING-EXT, .740 ODX2
0060	5021880SM	1	GRIP, FOAM
0070	5023343SM	12	BUSHING, 1.00 X 1.13
0090	5023498SM	1	PIN, HITCH, 1/2 X 2.0
0100	703338	2	BOLT, 1/4-20X5/8
0110	5025013X10SM	2	BOLT, 3/8-16 X 1-1/4"
0140	5025056FS	4	NUT
0150	5025089SM	8	NUT, 1/2-20 HEX JAM
0180	5025288YP	2	WASHER, 1/4 FENDER
0210	5025212X4SM	1	PIN, CLEVIS, 1/4 X 1/
0230	5025394SM	7	NUT, 3/8-16 HEX NYLOCK
0240	5025443SM	6	BOLT - 3/8-16 X 3/4
0250	5045178SM	3	SPACER, .52 X 1.00 X
0270	5100548SM	6	WASHER - .39X1.50
0280	5100634SM	4	PIVOT BLOCK, PLASTIC
0290	5410317AAFS	1	ROD, Lift -(S/N: 4002517456 and below)
290	84013172	1	LATCH, Knurled Handle -(S/N: 4002517457 and above)
0300	5104133YP	1	ARM-LINK
0310	84003295	2	LEVER, LIFT
0320	84003296	2	LEVER, LIFT
0330	5105172YP	1	ARM, LINK
0340	5105173YP	1	ARM, LINK
0370	5403925AAFS	2	PLATE, Support
0380	84003307	1	SHAFT ASSEMBLY
0390	5061569AYP	1	PEDAL, FOOT
0410	5025017X22SM	1	BOLT, 1/2-13 X 2-3/4"
0420	84003298	2	ROD, LIFT
0430	84003299	2	ROD, LIFT
0440	1702779SM	8	JOINT-BALL .500-20 TH
0450	5025391FS	2	NUT
0470	5100520SM	3	SPACER .515X1.00X.218
0480	5025017X20SM	1	BOLT, 1/2-13 X 2-1/2
0500	5025013X22SM	4	BOLT, 3/8-16 X 2-3/4"
0520	5103703YP	2	ROD, SUSPENSION LINK
0530	5025158SM	7	WASHER, 1/2" SAE
0590	5025156FS	8	WASHER
0640	770225	4	NUT
0650	5025017X16YP	3	BOLT, 1/2-13 X 2 GD5
0710	5023392YP	3	SPRING
0720	5021811SM	2	EYE BOLT, 3/8-16 X 8"
0730	5025034SM	2	NUT, 3/8-16 HEX
0740	5100380SM	2	ADJUSTER - DECK
0750	5025096SM	2	NUT, 3/8-16 HEX NYLON
0760	5025203X6SM	2	PIN - COTTER
0770	5045023SM	2	SPACER, .52 X 1.00 X
0780	5025017X24SM	2	BOLT, 1/2-13 X 3" GD5
0790	5025128SM	1	NUT, 3/8-16 HEX SERRA

Deck Lift Group

Note: Unless noted otherwise, use the standard torque specifications

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Deck Lift Group

REF NO	PART NO	QTY	DESCRIPTION
0800	5023497SM	1	EYE BOLT, 3/8-16 X 5"
0810	5025301SM	1	NUT, 1/2-13 HEX JAM

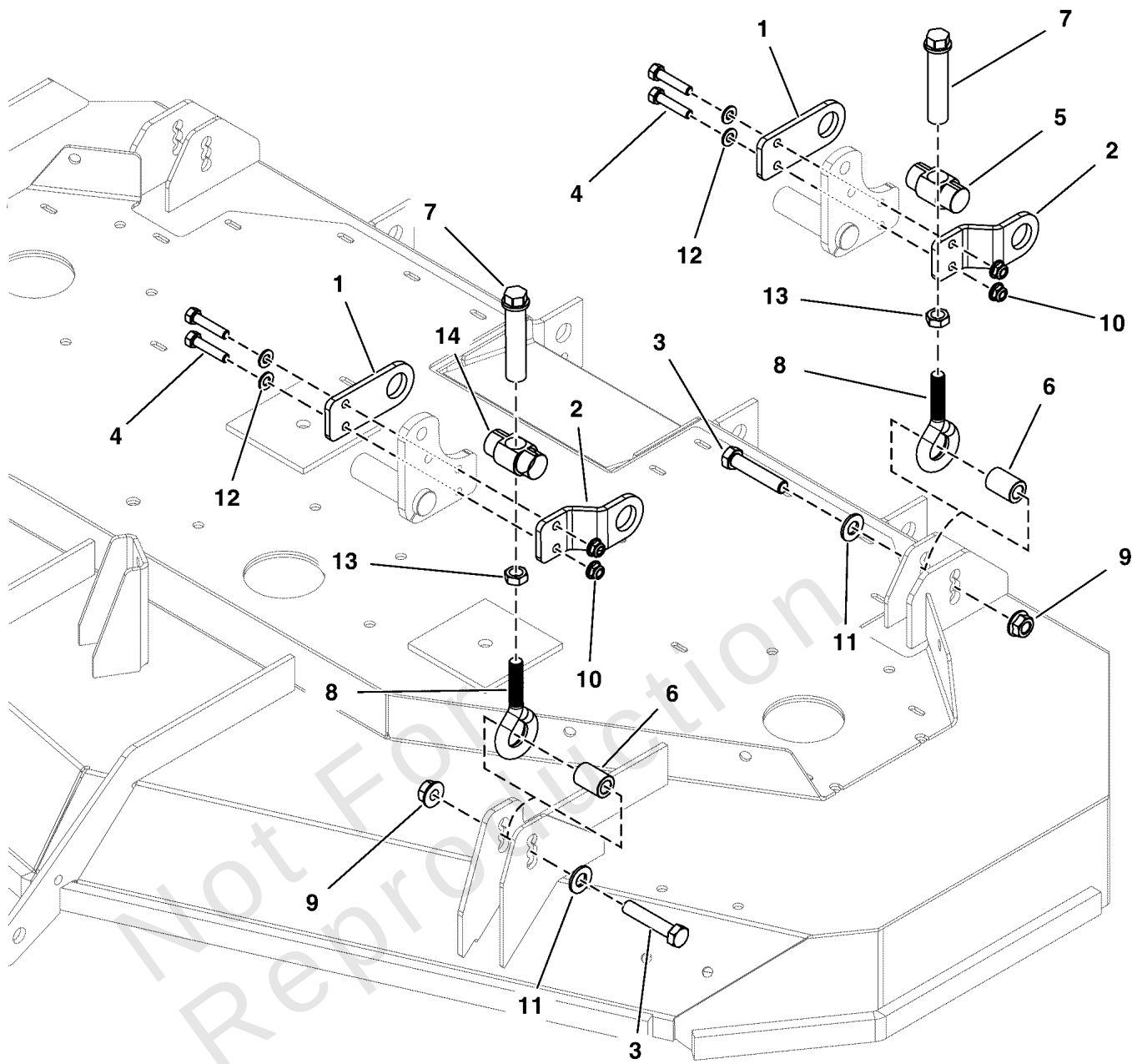
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Deck Lift Group - Deck Hangers

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5303886C
5303958C



Deck Lift Group - Deck Hangers

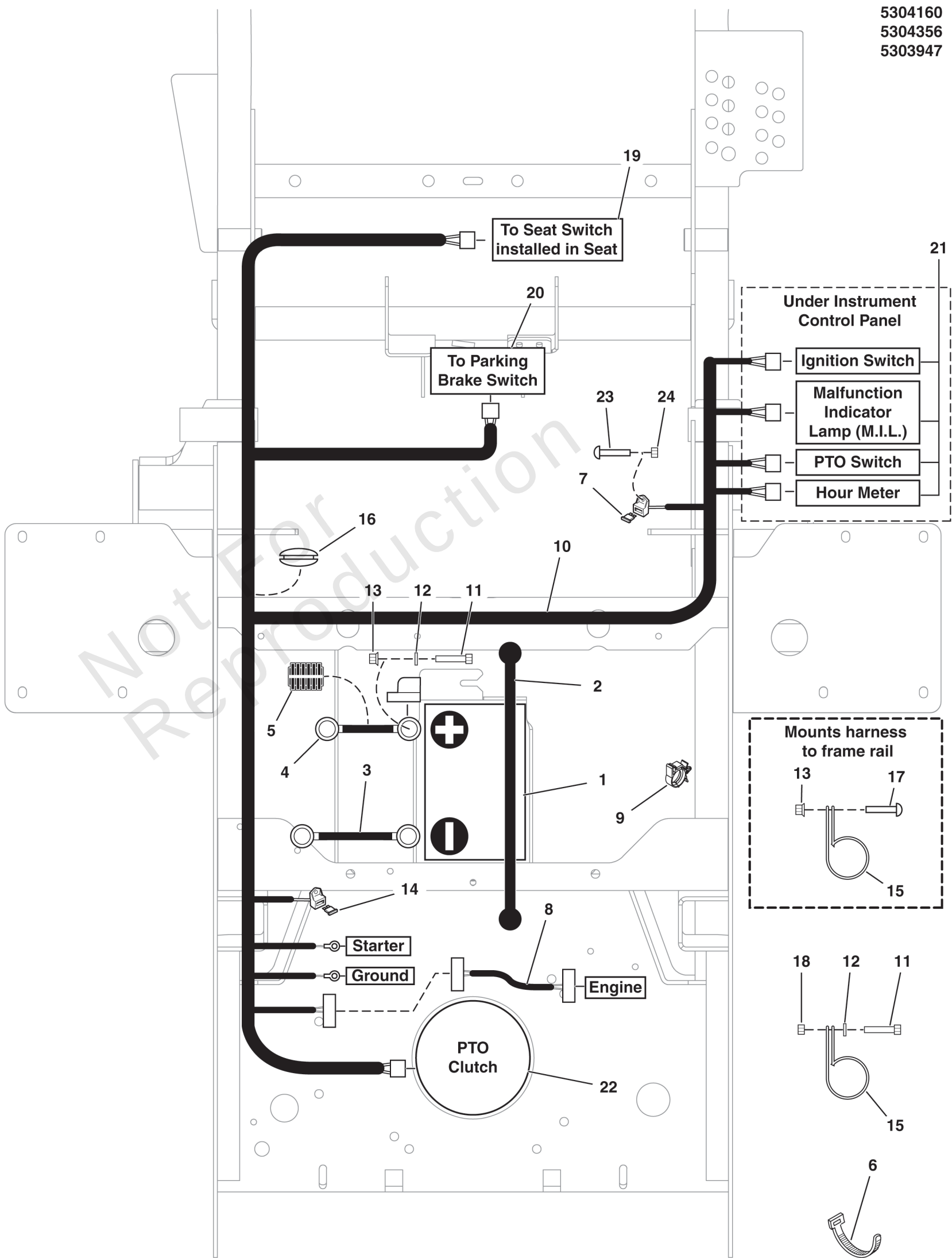
REF NO	PART NO	QTY	DESCRIPTION
1	84003300	4	MOUNT
2	84003301	4	MOUNT
3	5025017X20SM	4	BOLT, 1/2-13 X 2-1/2
4	5025013X12SM	8	BOLT, 3/8-16 X 1-1/2"
5	84003302	2	TRUNNION
6	84003303	4	SPACER
7	5109915FS	4	ADJUSTER, HEIGHT
8	84003305	4	EYE BOLT
9	770225	4	NUT
10	5025394SM	8	NUT, 3/8-16 HEX NYLOCK
11	5025158SM	4	WASHER, 1/2" SAE
12	5025156FS	8	WASHER
13	5025089SM	4	NUT, 1/2-20 HEX JAM
14	84003306	2	TRUNNION

Electrical Group - Briggs & Stratton Models S/N: 4002180240 and Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5304160
5304356
5303947



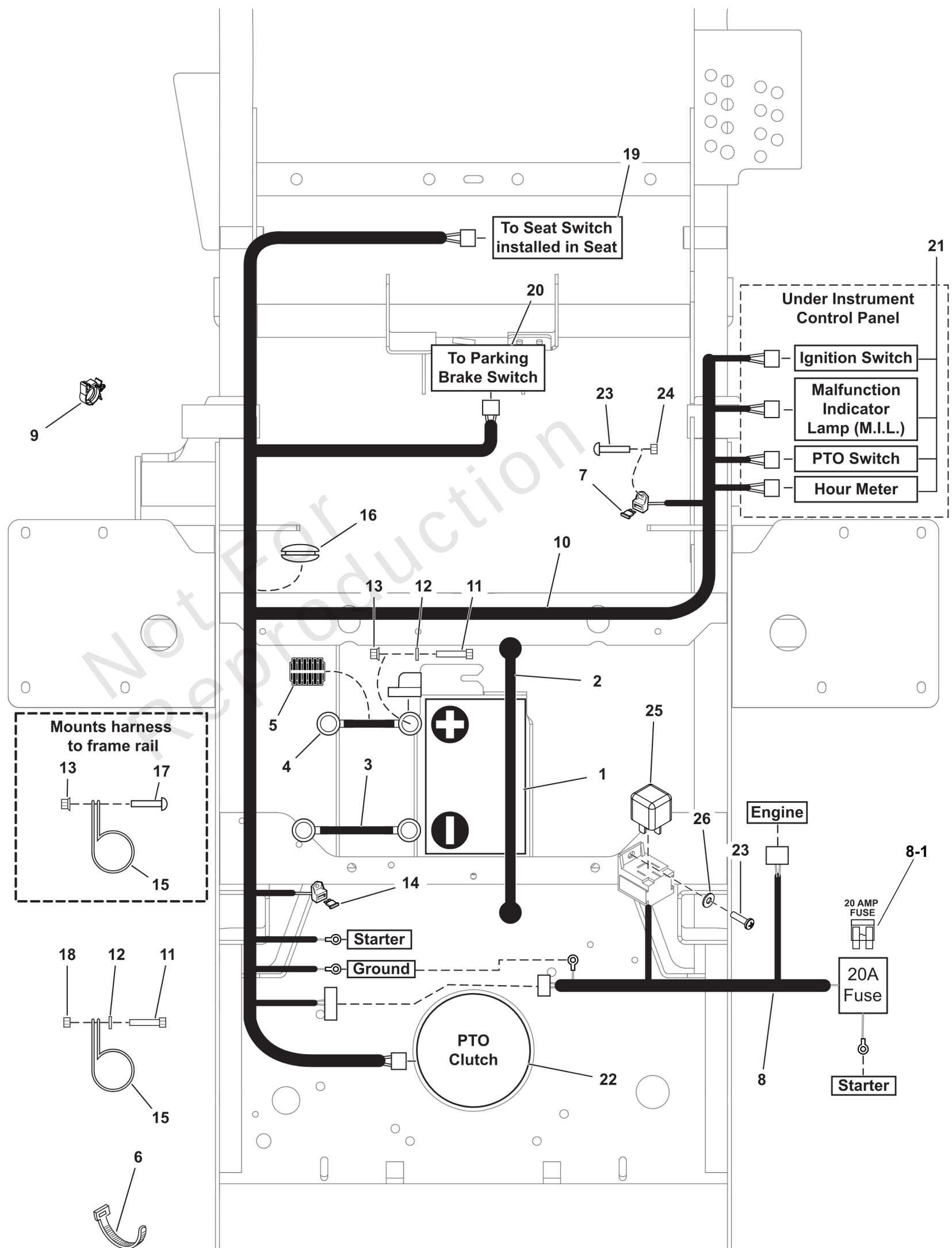
Electrical Group - Briggs & Stratton Models S/N: 4002180240 and Below

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	BATTERY, 11U1L, 350 CCA
2	1722009	1	STRAP, BATTERY, 14 LONG, Rubber
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	5102710	1	FUSE, ATO, 25 AMP -(SV)
8	5415669	1	WIRE HARNESS, VANGUARD BIG BLOCK,JUMPER
9	5104705	2	ROSEBUD LOOM CLIP
10	5105535	1	HARNESS, Wiring, Large ZTR
11	5025010X6	3	BOLT, 1/4"-20 X 3/4" GD5 YZ
12	5025154	3	WASHER, 1/4 SAE
13	5025126	4	NUT, 1/4-20 HEX SERR. FLANGE
14	5101935	2	FUSE, ATO-15 (15 AMP)(SV) -(SV)
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
16	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
17	5025299X8	2	SCREW, 1/4-20 X 1, ALLEN BH, CZ
18	5025391	3	NUT, 1/4-20 Hex Nylock Flange
19	-----	1	Refer to: Seat Mount & Floor Group
20	-----	1	Refer to: Parking Brake Group
21	-----	1	Refer to: Instrument Control Panel Group
22	-----	1	Refer to: Engine & PTO Group
23	5025179X4	1	SCREW, #10-24 X 1/2" ROUND PHILLIPS
24	5025271	1	NUT, Hex, Nylon Lock, #10-24

Electrical Group - Briggs & Stratton Models S/N: 4002180241 to 4002328396

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



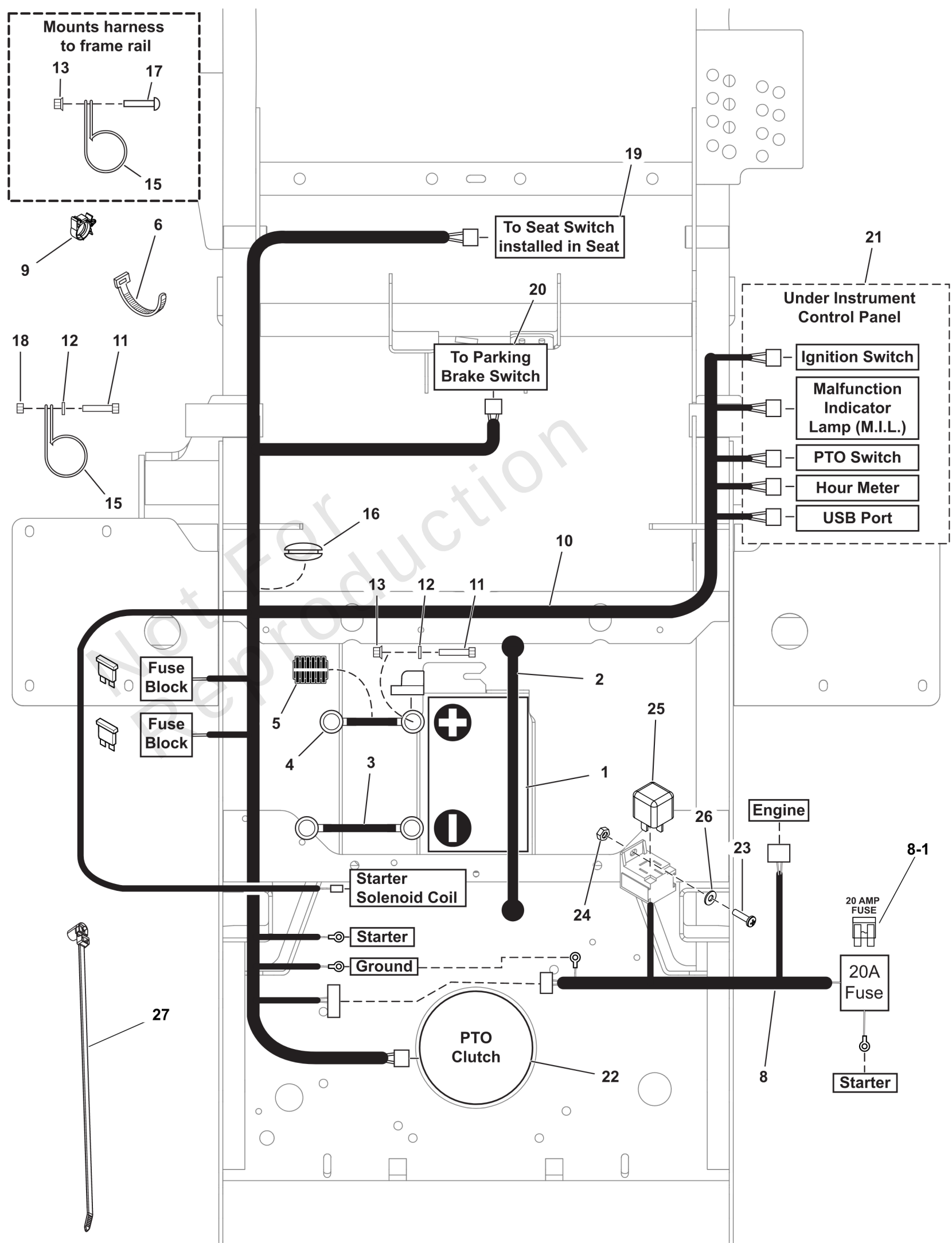
Electrical Group - Briggs & Stratton Models S/N: 4002180241 to 4002328396

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	BATTERY, 11U1L, 350 CCA
2	1722009FS	1	STRAP
3	5021406SM	1	BATTERY CABLE, NEGATI
4	5021405SM	1	BATTERY CABLE, POSITI
5	5050927X16YP	1	WIRE LOOM
6	5021029SM	8	TIE, Cable 11" Long
7	5102710YP	1	FUSE -(SV)
8	84008352	1	HARNESS, Wiring -(Includes ref item #8-1.)
8-1	5021603SM	1	FUSE, ATO, 20 AMP -(SV)
9	5104705YP	2	CLIP
10	5105535YP	1	HARNESS-WIRING
11	5025010X6SM	4	BOLT, 1/4-20 X 3/4" G
12	84007033	4	WASHER
13	5025126FS	4	NUT
14	5101935YP	2	FUSE, ATO 15 AMP -(SV)
15	5021500FS	4	CLAMP
16	5102677YP	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
17	5025299X8YP	2	CAPSCREW
18	5025391FS	4	NUT
19	-----	1	Refer to: Seat Mount & Floor Group
20	-----	1	Refer to: Parking Brake Group
21	-----	1	Refer to: Instrument Control Panel Group
22	-----	1	Refer to: Engine & PTO Group
23	5025179X6SM	1	SCREW - #10-24
24	5025271FS	1	NUT
25	5021766SM	1	RELAY, 12V, 40A
26	5023499SM	2	WASHER, #10 SAE

Electrical Group - Briggs & Stratton Models S/N: 4002328397 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Electrical Group - Briggs & Stratton Models S/N: 4002328397 and Above

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	BATTERY, 11U1L, 350 CCA
2	1722009FS	1	STRAP
3	5021406SM	1	BATTERY CABLE, NEGATI
4	5021405SM	1	BATTERY CABLE, POSITI
5	5050927X16YP	1	WIRE LOOM
6	5021029SM	8	TIE, Cable 11" Long
8	84008352	1	HARNESS, Wiring -(Includes ref item #8-1.)
8-1	5021603SM	1	FUSE, ATO, 20 AMP -(SV)
9	5104705YP	2	CLIP
10	84011123	1	HARNESS, Wiring
11	5025010X6SM	4	BOLT, 1/4-20 X 3/4" G
12	84007033	4	WASHER
13	5025126FS	4	NUT
15	5021500FS	4	CLAMP
16	5102677YP	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
17	5025299X8YP	2	CAPSCREW
18	5025391FS	4	NUT
19	-----	1	Refer to: Seat Mount & Floor Group
20	-----	1	Refer to: Parking Brake Group
21	-----	1	Refer to: Instrument Control Panel Group
22	-----	1	Refer to: Engine & PTO Group
23	5025179X6SM	1	SCREW - #10-24
24	5025271FS	1	NUT
25	5021766SM	1	RELAY, 12V, 40A
26	1910531SM	2	WASHER, Rivet, 3/16
27	84011125	1	CABLE, Tie (Sold as a bag of 5)

Electrical Schematic - Charging Circuit, Large ZTR B&S 543777 & 613777 S/N:

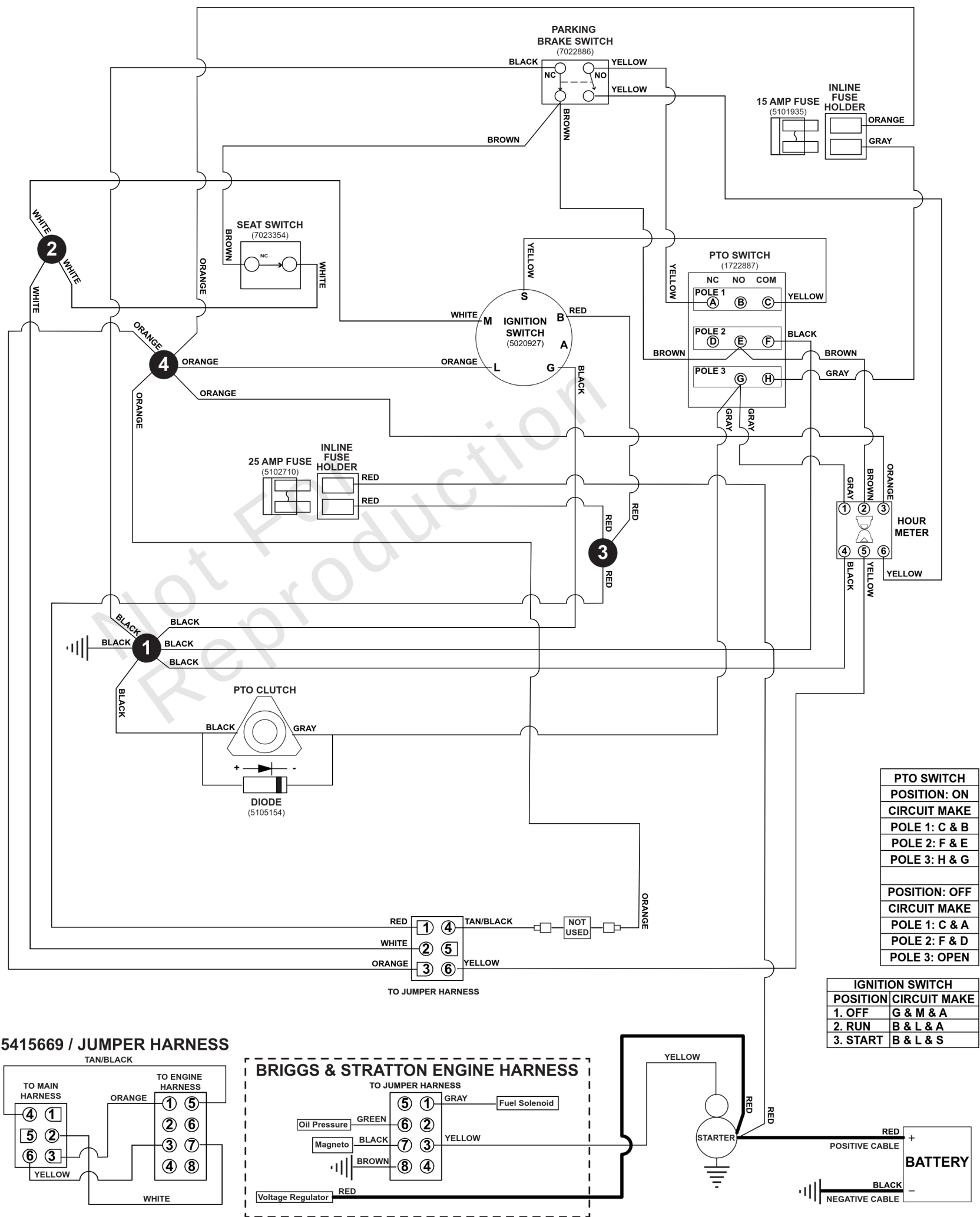
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5105535A

(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, Large ZTR B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535	1	HARNESS, Wiring, Large ZTR
5415669	5415669	1	WIRE HARNESS, VANGUARD BIG BLOCK,JUMPER

Not For Reproduction

Electrical Schematic - Charging Circuit, Large ZTR B&S 543777 & 613777 S/N:

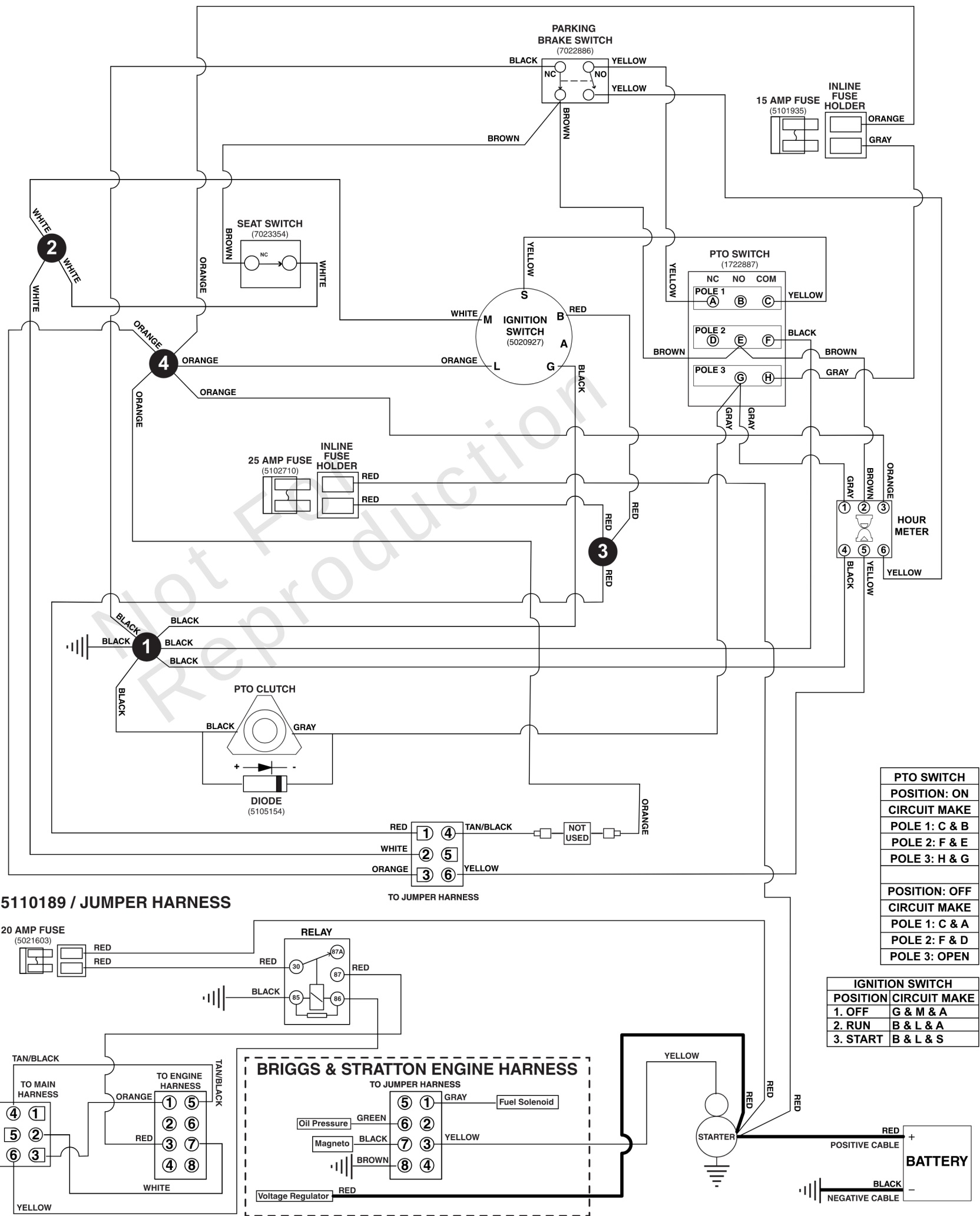
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5105535J

(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, Large ZTR B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535YP	1	HARNESS-WIRING
5110189	84008352	1	HARNESS, Wiring

Not For Reproduction

Electrical Schematic - Charging Circuit, Large ZTR B&S 543777 & 613777 S/N:

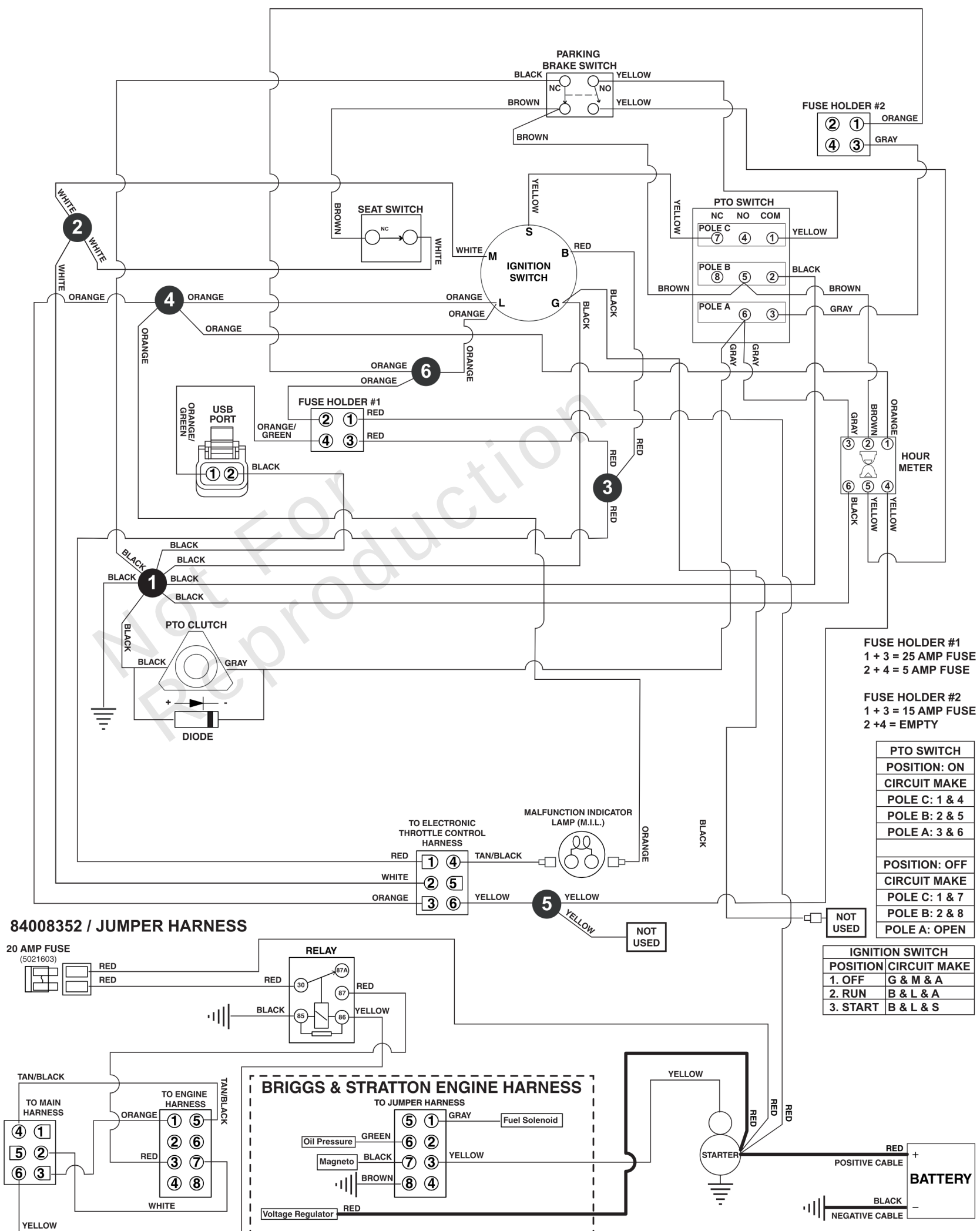
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

84011123 / MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 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.)

5111234G



Electrical Schematic - Charging Circuit, Large ZTR B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
84011123	84011123	1	HARNESS, Wiring
84008352	84008352	1	HARNESS, Wiring

Not For Reproduction

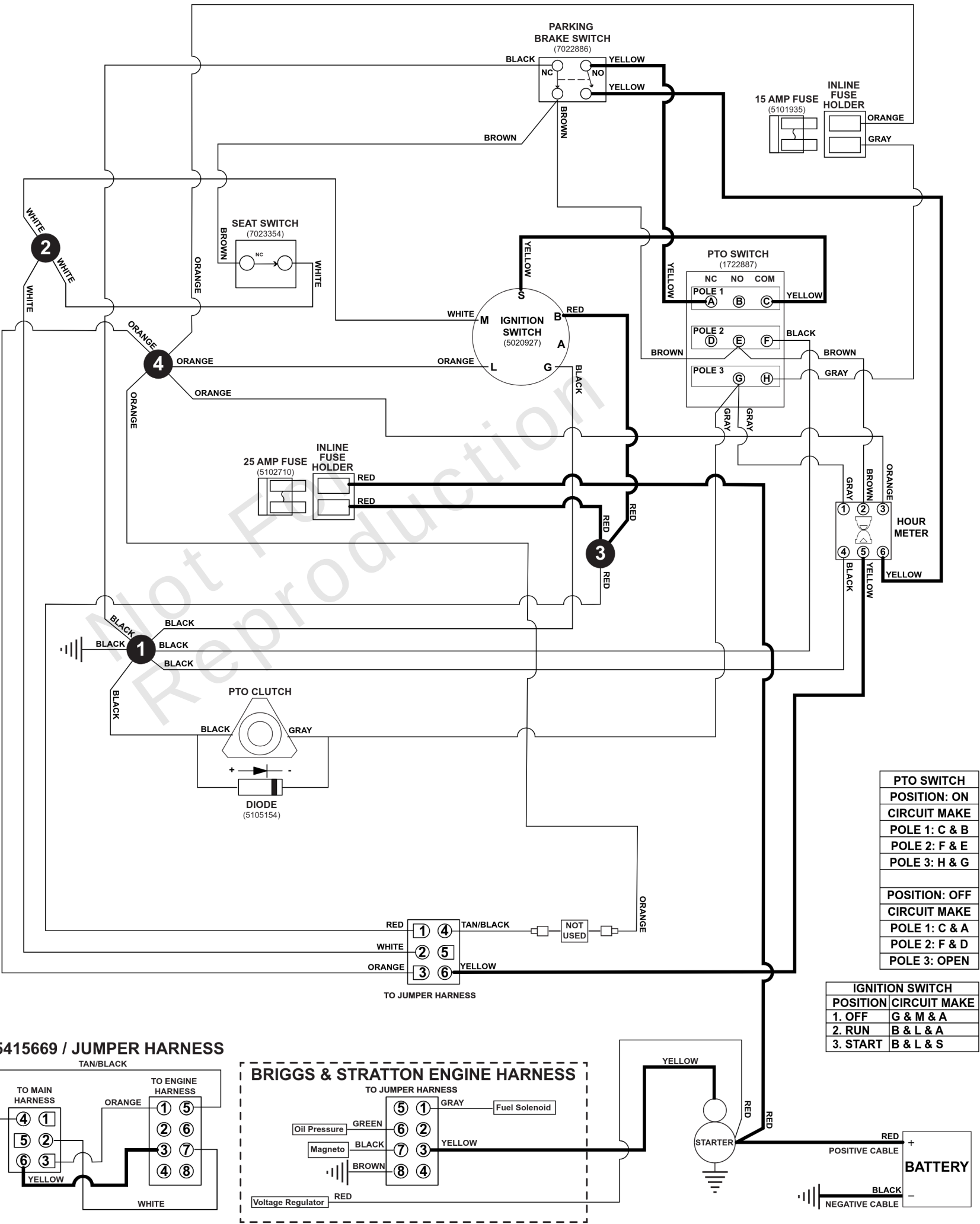
Electrical Schematic - Cranking Circuit - Large ZTR, B&S 543777 & 613777 S/N:

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5105535A

(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 - Large ZTR, B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535	1	HARNESS, Wiring, Large ZTR
5415669	5415669	1	WIRE HARNESS, VANGUARD BIG BLOCK,JUMPER

Not For Reproduction

Electrical Schematic - Cranking Circuit - Large ZTR, B&S 543777 & 613777 S/N:

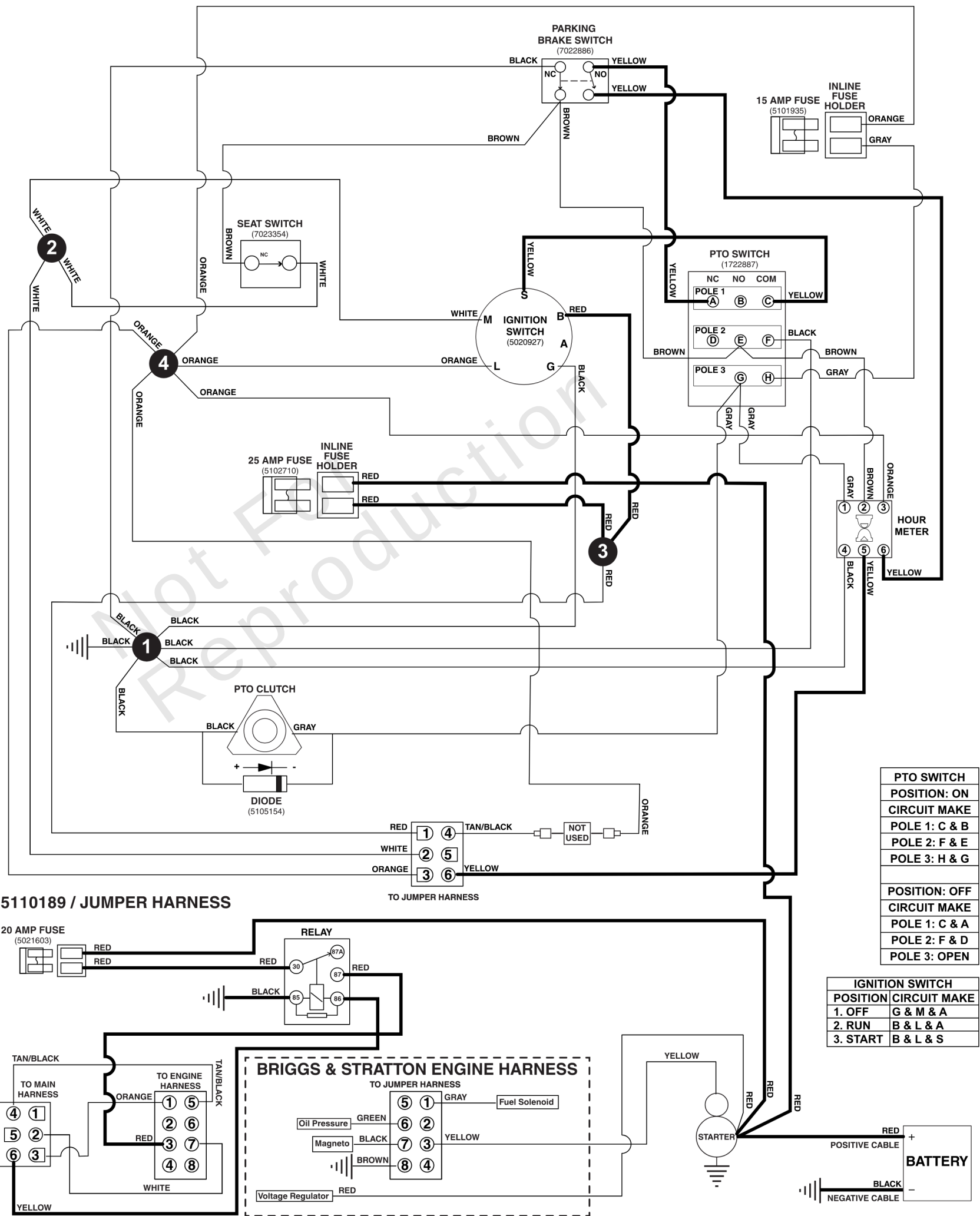
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5105535J

(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 - Large ZTR, B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535YP	1	HARNESS-WIRING
5110189	84008352	1	HARNESS, Wiring

Not For Reproduction

Electrical Schematic - Cranking Circuit - Large ZTR, B&S 543777 & 613777 S/N:

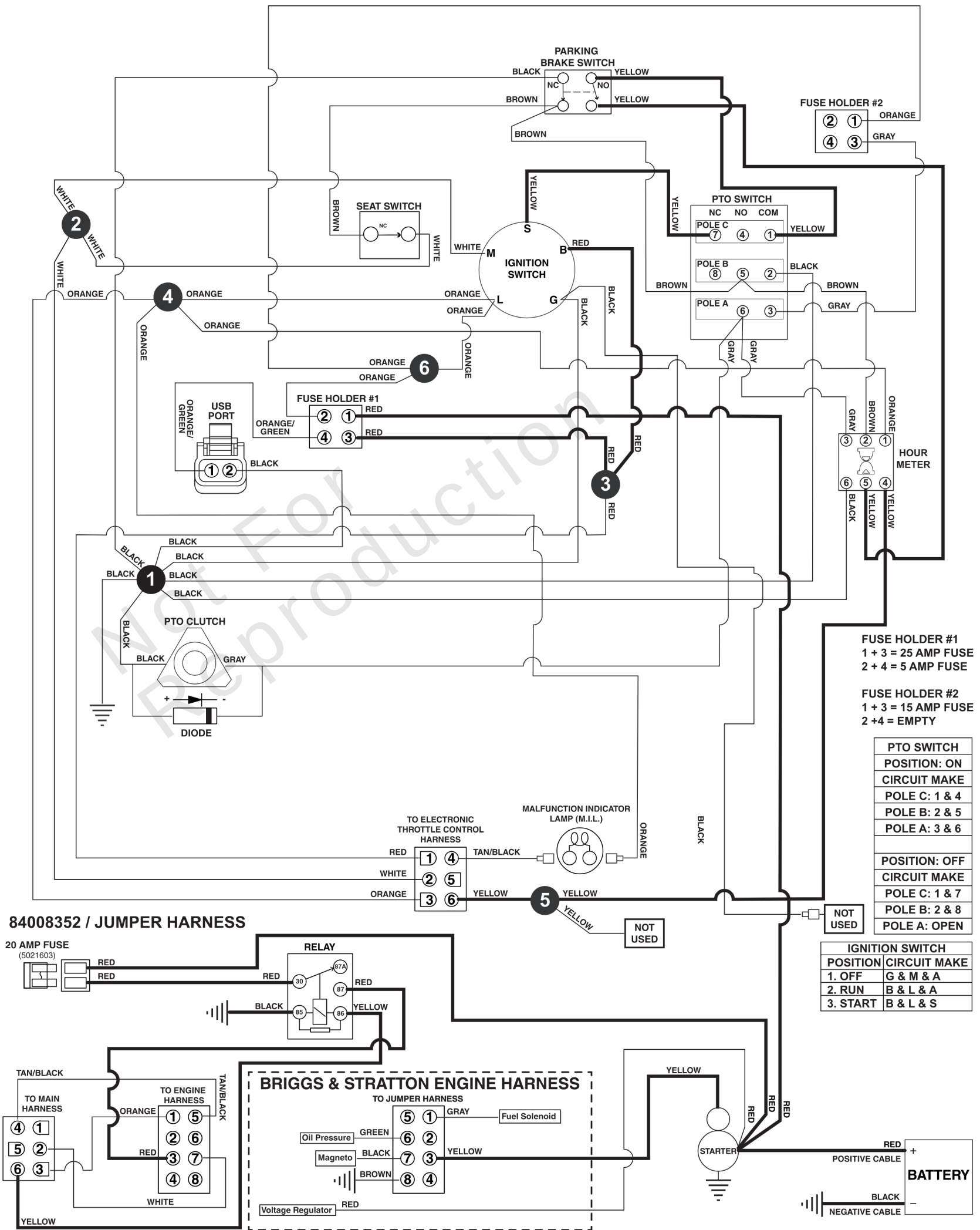
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

84011123 / MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5111234G

(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 - Large ZTR, B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
84011123	84011123	1	HARNESS, Wiring
84008352	84008352	1	HARNESS, Wiring

Not For Reproduction

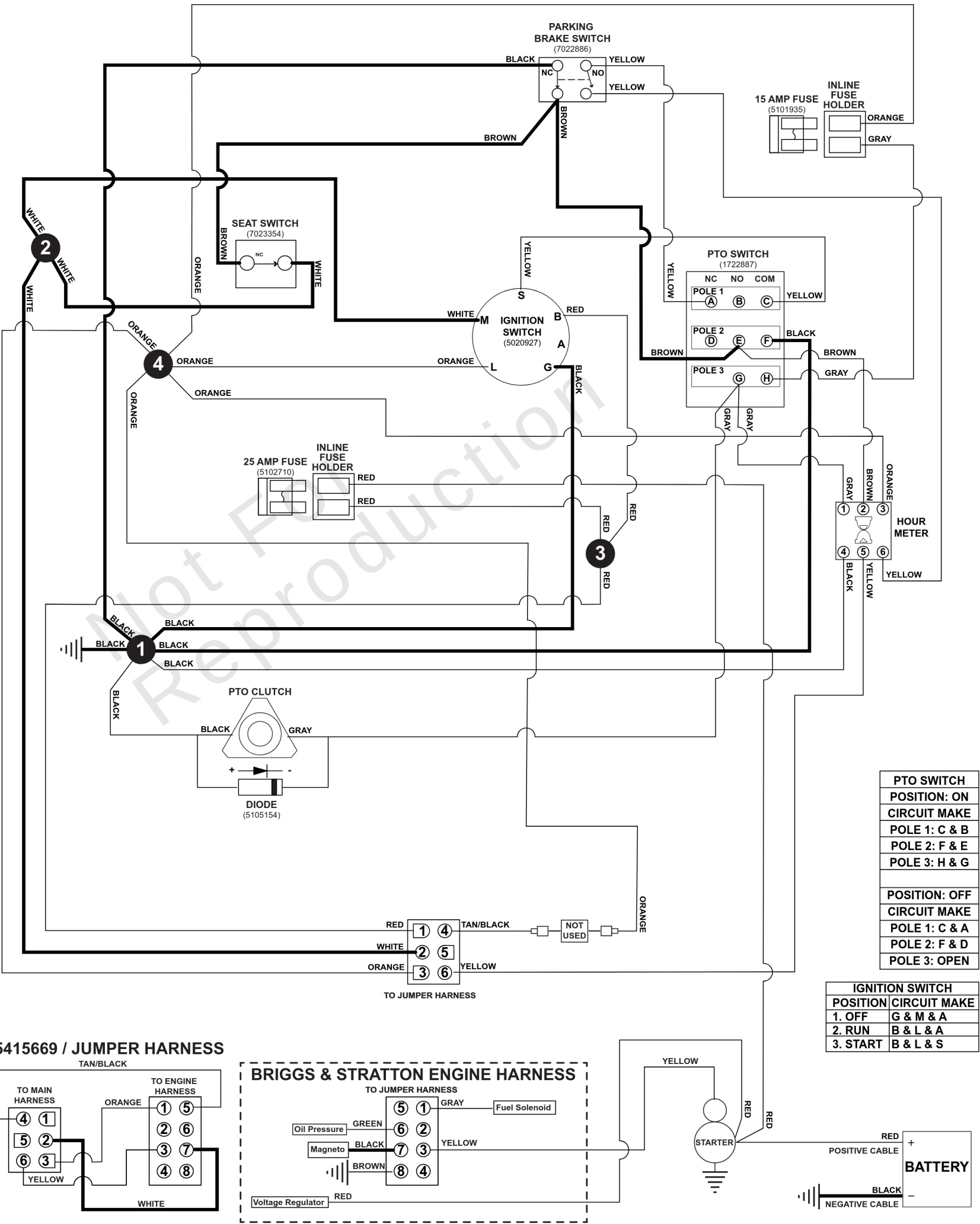
Electrical Schematic - Ign. Ground Circuit/Op Pres. - Large ZTR, B&S 543777 & 613777

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5105535A

(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. - Large ZTR, B&S 543777 & 613777

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535	1	HARNESS, Wiring, Large ZTR
5415669	5415669	1	WIRE HARNESS, VANGUARD BIG BLOCK,JUMPER

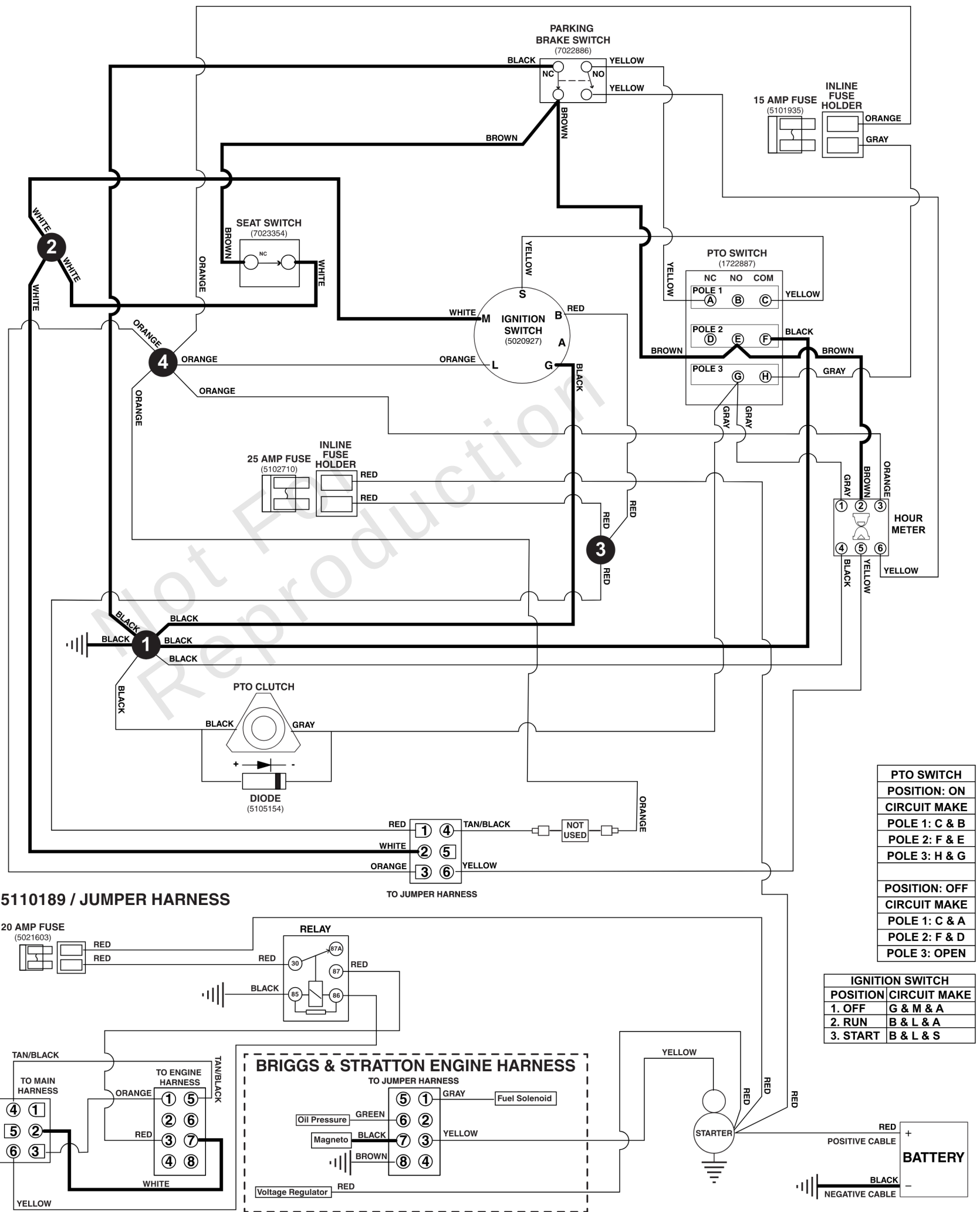
Not For Reproduction

Electrical Schematic - Ign. Ground Circuit/Op Pres. - Large ZTR, B&S 543777 & 613777

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES 5105535J

(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. - Large ZTR, B&S 543777 & 613777

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535YP	1	HARNESS-WIRING
5110189	84008352	1	HARNESS, Wiring

Not For Reproduction

Electrical Schematic - Ign. Ground Circuit/Op Pres. - Large ZTR, B&S 543777 & 613777

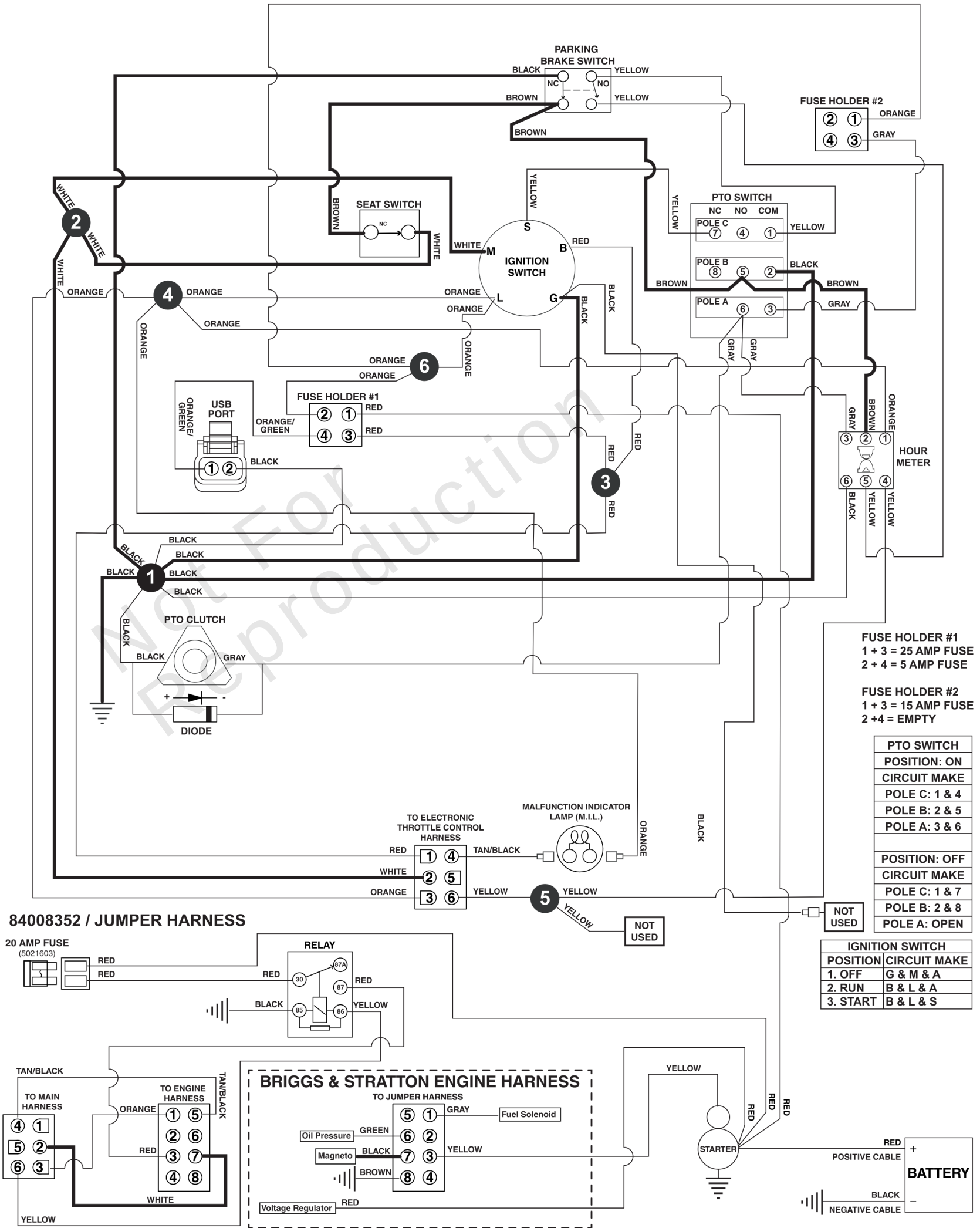
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

84011123 / MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5111234G

(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. - Large ZTR, B&S 543777 & 613777

REF NO	PART NO	QTY	DESCRIPTION
84011123	84011123	1	HARNESS, Wiring
84008352	84008352	1	HARNESS, Wiring

Not For Reproduction

Electrical Schematic - PTO Clutch Circuit - Large ZTR, B&S 543777 & 613777 S/N:

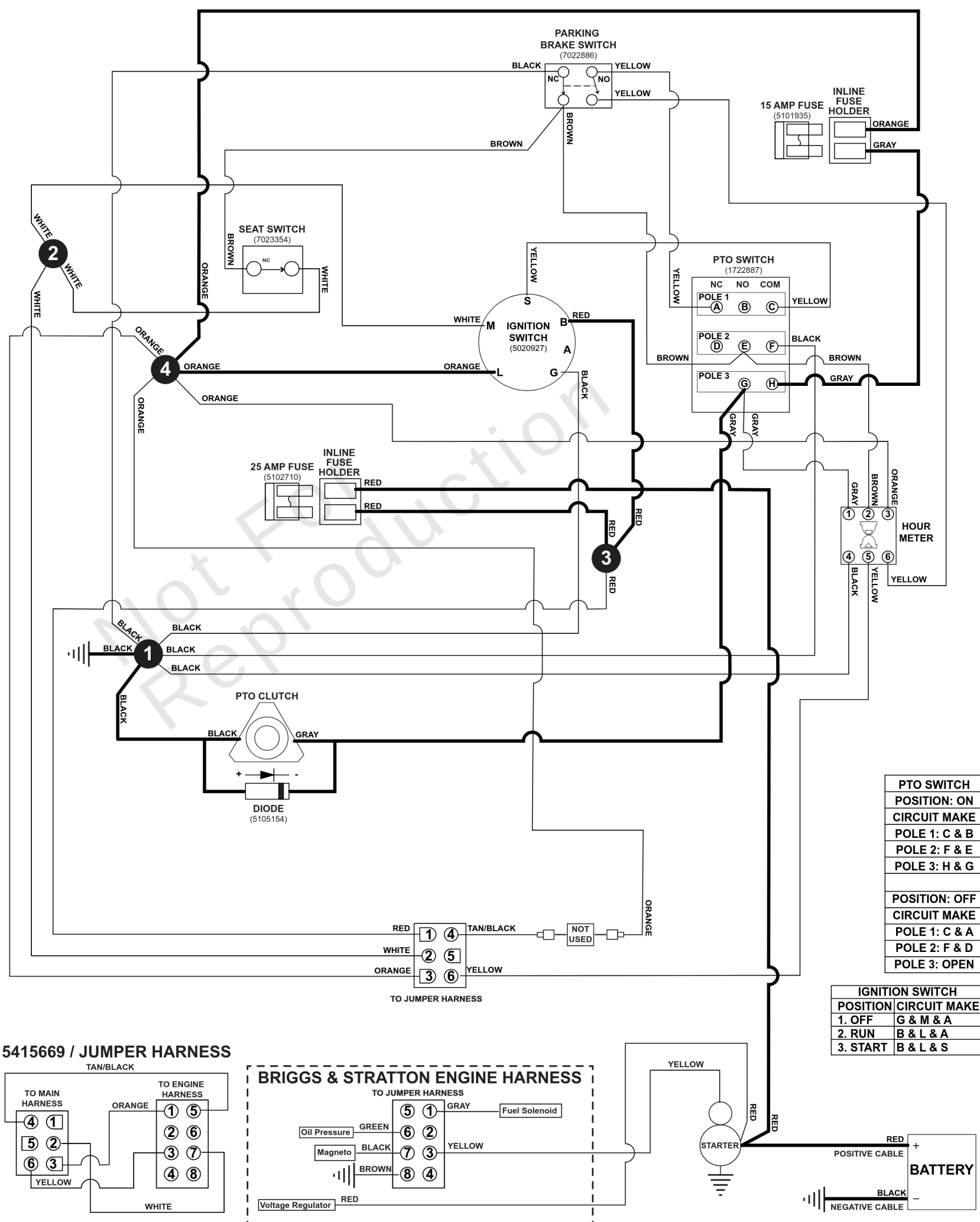
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 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.)

5105535A



Electrical Schematic - PTO Clutch Circuit - Large ZTR, B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535	1	HARNESS, Wiring, Large ZTR
5415669	5415669	1	WIRE HARNESS, VANGUARD BIG BLOCK,JUMPER

Not For Reproduction

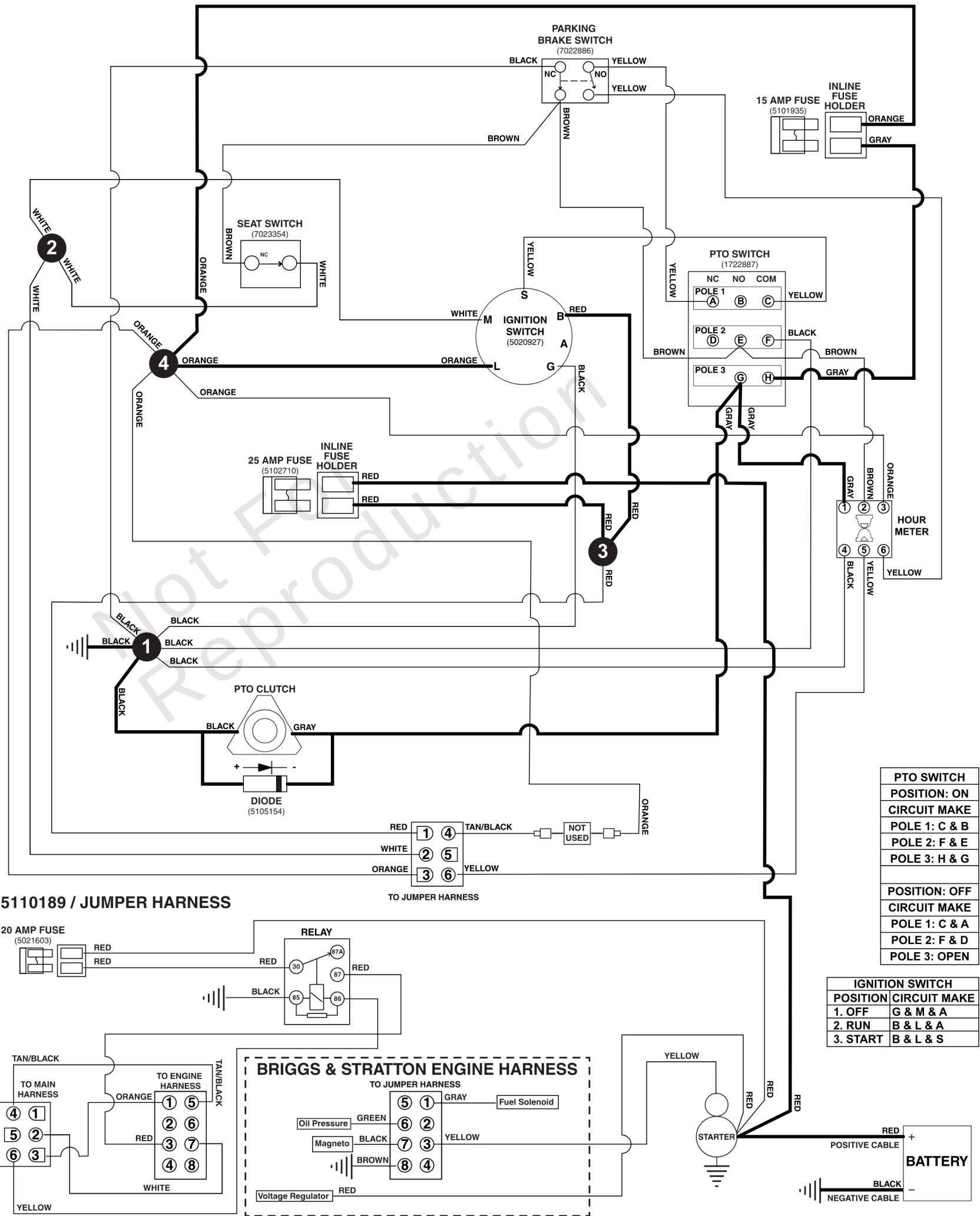
Electrical Schematic - PTO Clutch Circuit - Large ZTR, B&S 543777 & 613777 S/N:

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5902161

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5105535J

(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 - Large ZTR, B&S 543777 & 613777 S/N:

REF NO	PART NO	QTY	DESCRIPTION
5105535	5105535YP	1	HARNESS-WIRING
5110189	84008352	1	HARNESS, Wiring

Not For Reproduction

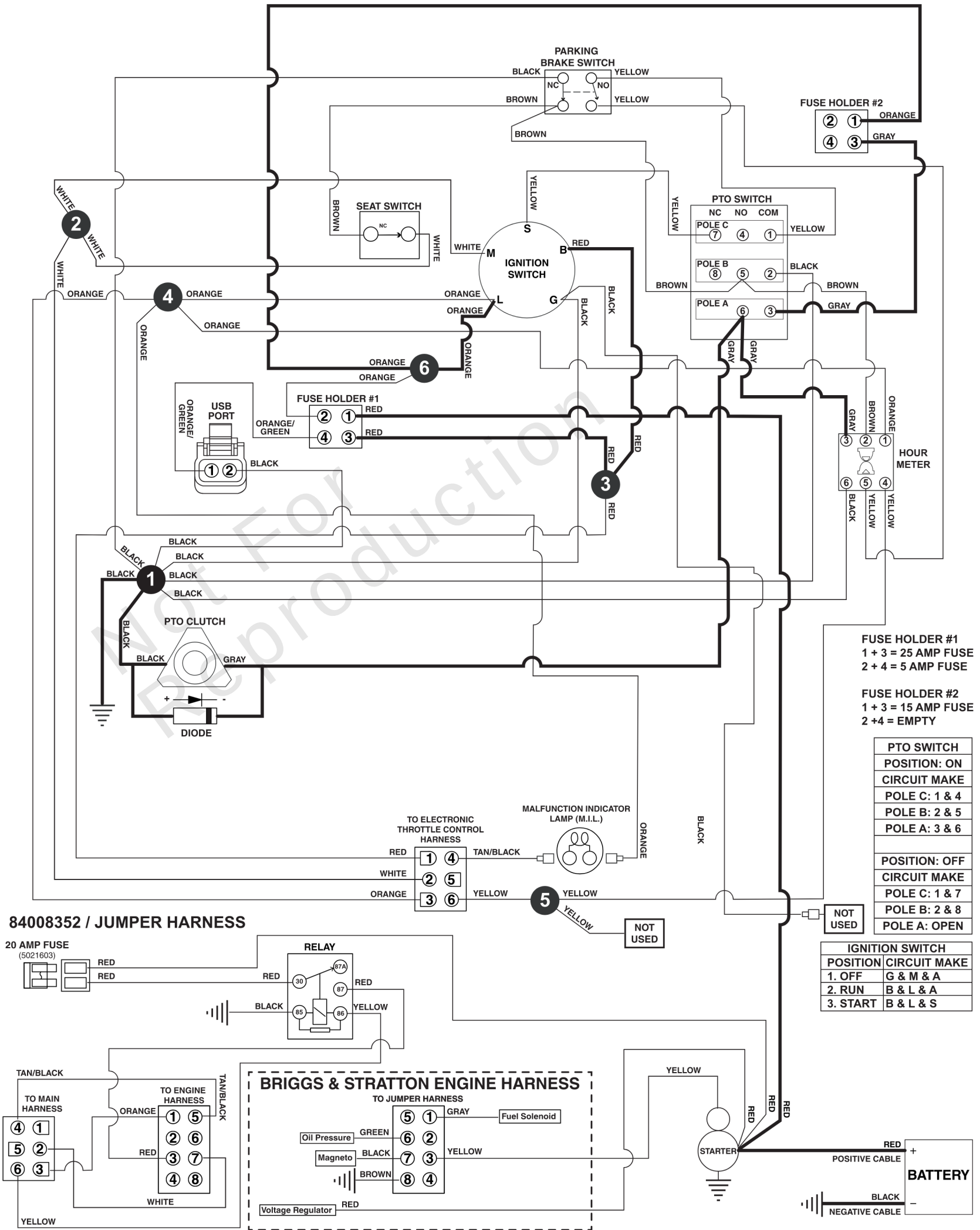
Electrical Schematic - PTO Clutch Circuit - Large ZTR, B&S 543777 & 613777 S/N:

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5902161

84011123 / MAIN WIRE HARNESS - BRIGGS & STRATTON 543777 & 613777 ENGINES

5111234G

(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 - Large ZTR, B&S 543777 & 613777 S/N:

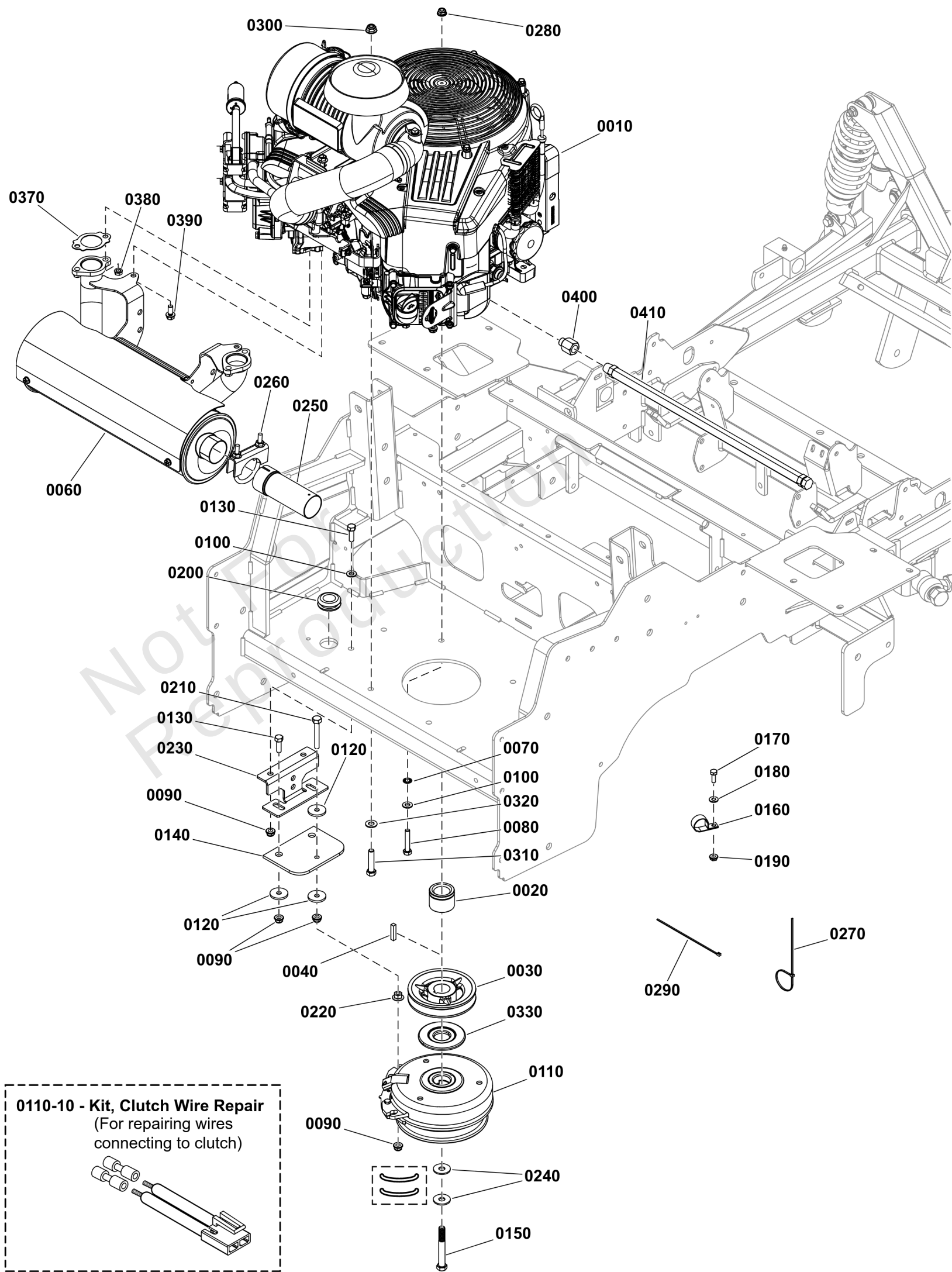
REF NO	PART NO	QTY	DESCRIPTION
84011123	84011123	1	HARNESS, Wiring
84008352	84008352	1	HARNESS, Wiring

Not For Reproduction

Engine and PTO Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Engine and PTO Group

REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	ENGINE, B&S Carbureted, 613777-0014-J1 -(Refer to Note: *)
0020	5100926	1	SPACER, 1.13 X 1.75 X 1.35, CZ
0030	5021682	1	PULLEY, 4.75 OD X 1-1/8 BORE, BC-48
0040	5050407X10	1	KEY, 1/4" SQ. X 1-1/4
0060	846819	1	MUFFLER
0070	5025188	1	WASHER, 5/16" Internal Tooth Lock
0080	5025025X14	1	BOLT, 5/16-24 X 1-3/4, GD8, PHOS
0090	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0100	5025155	3	WASHER, 5/16" SAE
0110	5108850	1	CLUTCH, 250 FT-LBS, WATER GUARD
0110-10	5600575	1	KIT, CLUTCH WIRE REPAIR
0120	5044617	4	WASHER, .34 X 1.25 X 10 GA
0130	5025011X8	4	BOLT, 5/16-18 X 1" GRD5 YZ
0140	5043636	1	CLUTCH ANCHOR PAD
0150	5103300	1	BOLT, CRANKSHAFT, 7/16-20 X 3-1/4, GD 8
0160	5021500	1	CLAMP, VINYL INSULATED, 1.00
0170	5025010X6	1	BOLT, 1/4"-20 X 3/4" GD5 YZ
0180	5025154	1	WASHER, 1/4 SAE
0190	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE
0200	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
0210	5025055X18	1	BOLT, 5/16-18 X 2-1/4 TFL, GD5 YZ
0220	5025139	1	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
0230	5410367AA	1	ANCHOR, CLUTCH, IS600-IS700 - BLK
0240	5025585	2	BELLEVILLE WASHER, 1.1875 X .442 X .098
0250	5104512	1	TAIL PIPE EXTENTION, 1.78"ID X 5" LG
0260	5104512X1	1	CLAMP, TAILPIPE, 1-7/8"
0270	5101492	1	TIE,SELF-LOCKING, 24"
0280	5025616	1	NUT, 5/16-24, TOP LOCK FLANGE, GD8 PHOS
0290	5021030	1	TIE, SELF-LOCKING, 6"
0300	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0310	5025013X14	3	BOLT, 3/8-16 X 1-3/4" GD5 CZ
0320	5025156	3	WASHER, 3/8 SAE
0330	5108851	1	WATER GUARD, WARNER C 250 FT-LBS CLUTCH
0370	807208	2	Gasket-Exhaust
0380	690941	4	NUT
0390	805247	2	SCREW
0400	5100366	1	METRIC ADAPTER, M14-1.5" TO 3/8 NPTF
0410	5102781	1	HOSE, OIL DRAIN

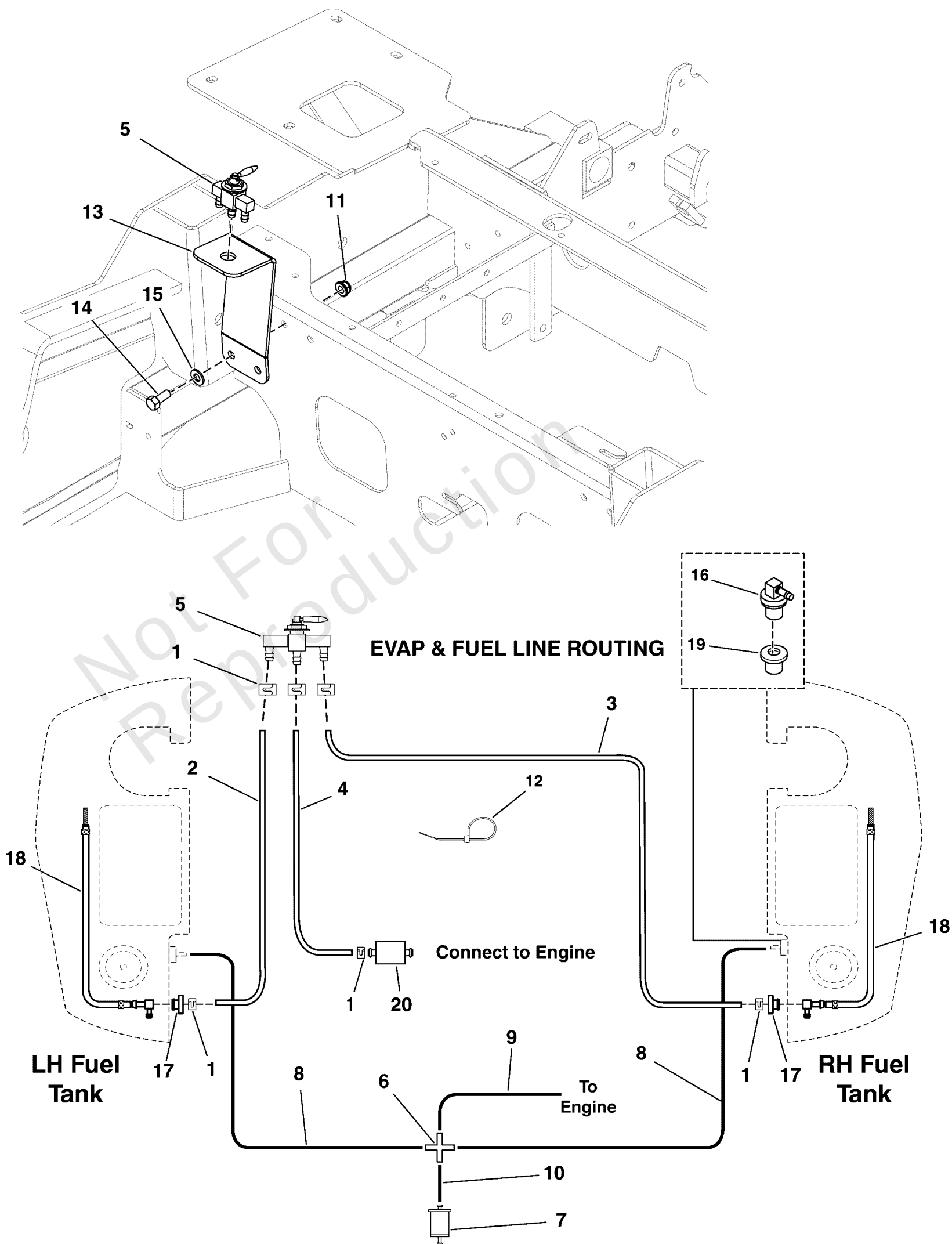
Footnotes:

Note:* Refer to your local Briggs & Stratton distributor for parts and service.

Fuel Supply Hose, Tank Replacement Parts, and EVAP Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Fuel Supply Hose, Tank Replacement Parts, and EVAP Group

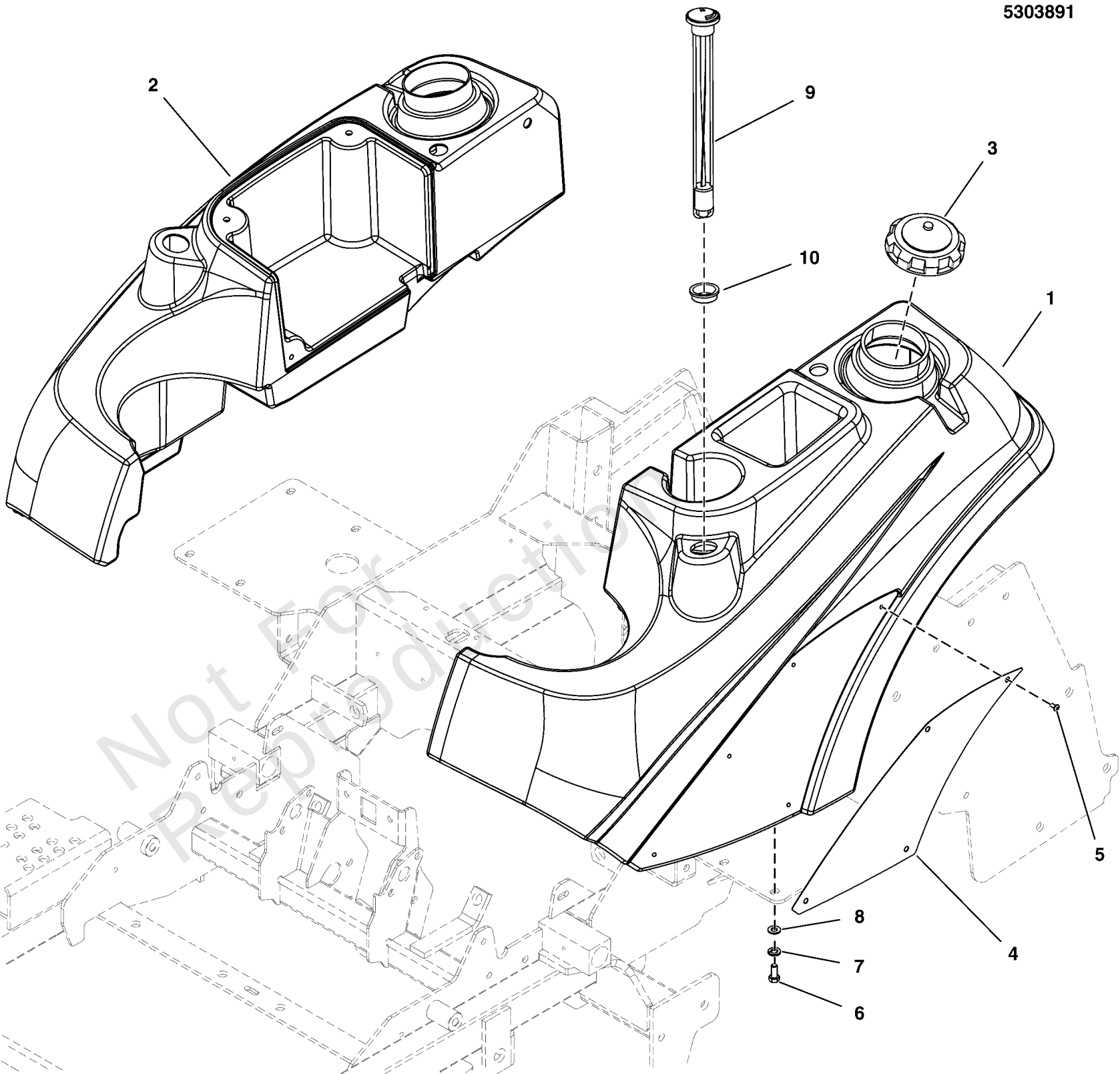
REF NO	PART NO	QTY	DESCRIPTION
1	93807	6	CLAMP, Hose
2	5050831X14P5	1	HOSE, 1/4" FUEL, 14.50"
3	5050831X28P5	1	HOSE, 1/4" FUEL, 28.50"
4	5050831X12P5	1	HOSE, 1/4" FUEL, 12.50"
5	5023358	1	VALVE, FUEL STRAIGHT, OUTLET
6	5105394	1	FITTING, BARBED CROSS, 3/16" BLK NYLON
7	80025019	1	FILTER, FUEL
8	7700552X25P5	2	HOSE, VAPOR, 5MM ID, 25.50 LG
9	7700552X19	1	HOSE, VAPOR, 5MM ID, 19.00 LG
10	7700552X3	1	HOSE, VAPOR, 5MM ID, 3.00 LG
11	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
12	5021029	7	TIE, SELF-LOCKING, 12"
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	770046	2	REMOTE VENT ASSEMBLY
17	1726400	2	BUSHING-FUEL TANK RED RUBBER
18	5101144	2	PICKUP TUBE ASSEMBLY, FUEL LINE (SV)
19	209043	2	GROMMET (SV)
20	5021178X3	2	FUEL FILTER (SV)

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5303891



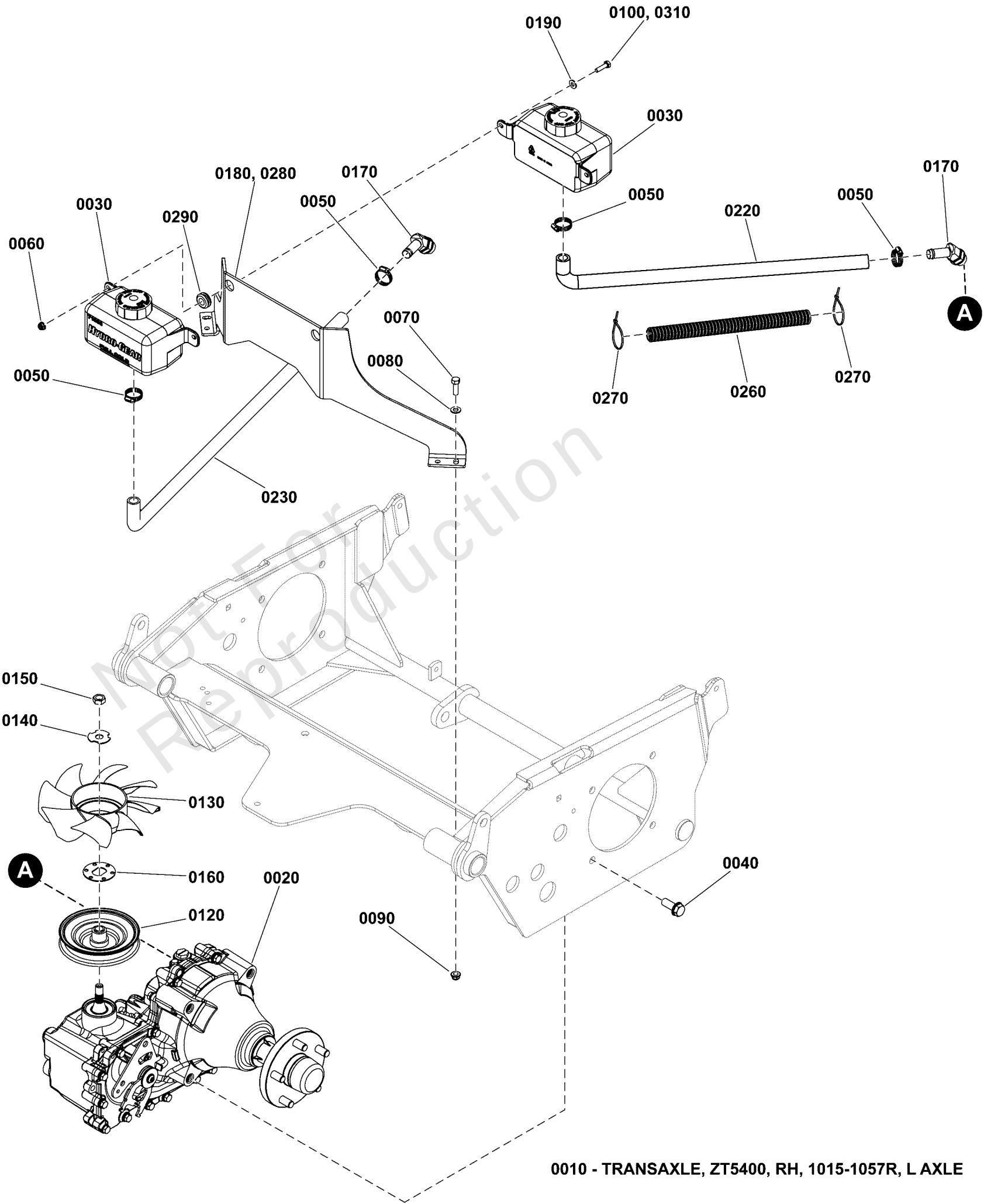
Fuel Tank & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5108364	1	TANK, FUEL, LEFT
2	5108363	1	TANK, FUEL, RIGHT
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)

Hydraulic Group S/N: 4002026250 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



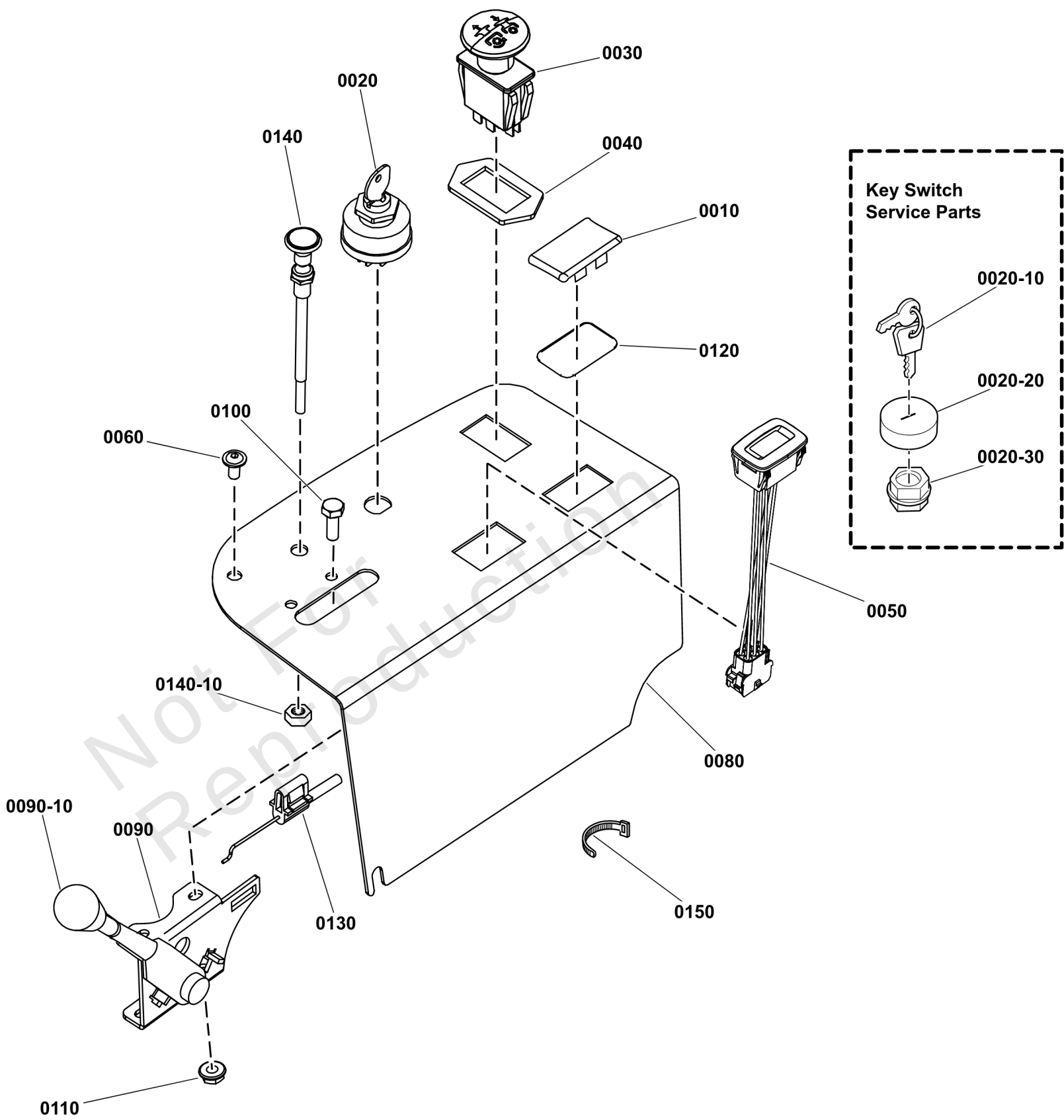
Hydraulic Group S/N: 4002026250 and Above

REF NO	PART NO	QTY	DESCRIPTION
0010	84008008	1	TRANSAXLE -(Right side)(Not illustrated)
0020	84008001	1	TRANSAXLE -(Left side)
0030	5101998YP	2	HYDRO TANK, HYDRO-GEA -(Includes item #0030-10)
0030-10	5100778X1	2	RESERVIOR CAP -(Not illustrated)
0040	5025535YP	8	BOLT,HEX FLG,SER,GD8 -(Torque transmission mounting bolts to 95-115 ft-lbs (129-156 Nm))
0050	5021164SM	4	CLAMP, #10 HOSE, STAI
0060	5025391FS	2	NUT
0070	5025010X8SM	4	BOLT, 1/4-20 X 1", GD
0080	703350	4	WASHER
0090	5025392FS	4	NUT
0100	5025010X8SM	2	BOLT, 1/4-20 X 1", GD -(S/N: 4002034251 and below)
0120	5102873YP	2	PULLEY
0130	5102874YP	2	FAN, ZT5400
0140	5102914YP	2	WASHER, ZT5400, SLOTT
0150	5102916YP	2	NUT, ZT5400
0160	5102917YP	2	SPACER, ANTI ROTATE,
0170	5103923YP	2	FITTING, 45, 5/8
0180	5416042AA	1	PLATE RESERVOIR MOUNT - BLK -(S/N: 4002034251 and below)
0190	703332	2	WASHER
0220	5108444	1	HOSE, FORMED, TRANS OVERFLOW, 20.50"
0230	84005243	1	HOSE, HYDRAULIC
0260	5050862X12SM	2	WIRE LOOM, 3/4" ID, 1
0270	5021030SM	4	TIE WRAP, 5-1/2" LONG
0280	5422436AAFS	1	PLATE -(S/N: 4002034252 and above)
0290	5022816YP	2	GROMMET -(S/N: 4002034252 and above)
0310	5025010X10SM	2	BOLT, 1/4-20 X 1-1/4" -(S/N: 4002034252 and above)

Instrument Control Panel Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



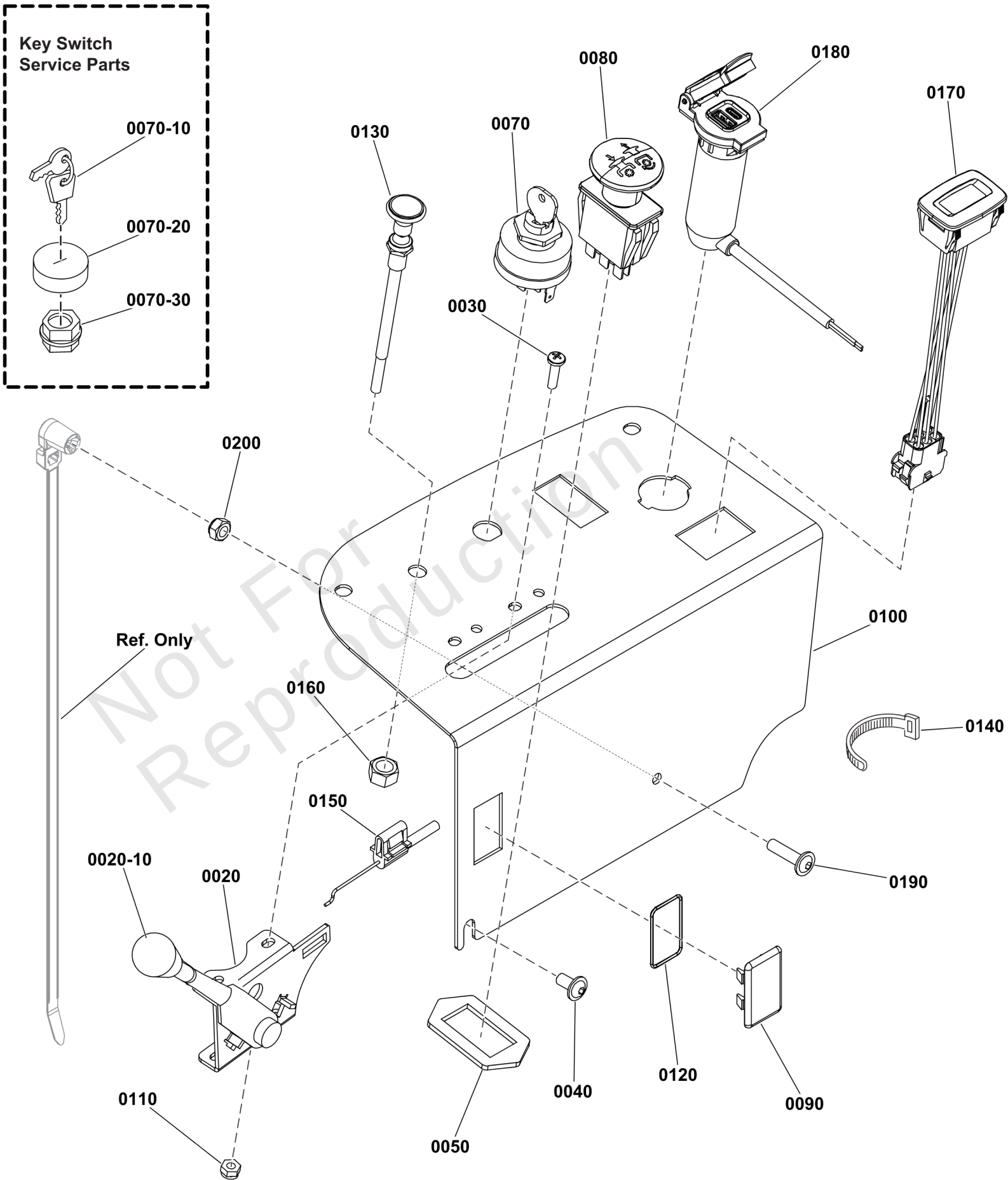
Instrument Control Panel Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
0020	5020927	1	SWITCH, IGNITION, 6 POST
0020-10	5022789	1	KEY, IGNITION MOLDED SET -(SV)
0020-20	5022790	1	COVER, PLASTIC, SNAP ON -(SV)
0020-30	5022791	1	PLASTIC NUT -(SV)
0030	1722887	1	SWITCH-PTO PUSH
0040	5022222	1	RING, SWITCH RETAINER
0050	84008510	1	HOURLMETER (6 Pin Connector)
0060	5106469	3	SCREW, FLANGE, ALLEN HD, 1/4-20X.5 S/S
0080	5411933AA	1	PANEL, CONTROL, IS2100Z - BLK
0090	5101537	1	LEVER, THROTTLE CONTROL, HEAVY-DUTY
0090-10	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB -(SV)
0100	5025179X6	2	SCREW, #10-24 X 3/4" ROUND PHILLIPS
0110	5025271	2	NUT, Hex, Nylon Lock, #10-24
0120	5022269	1	O-RING, 7/8" ID X 1/16" W
0130	5101076	1	CABLE, THROTTLE 47"
0140	5105869	1	CABLE, CHOKE 51", 1-1/4" TRAVEL CAPACITY
0140-10	5025035SM	1	NUT (3/8-24 HEX)
0150	5021029	1	TIE, SELF-LOCKING, 12"

Instrument Control Panel Group - Models with USB Port

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



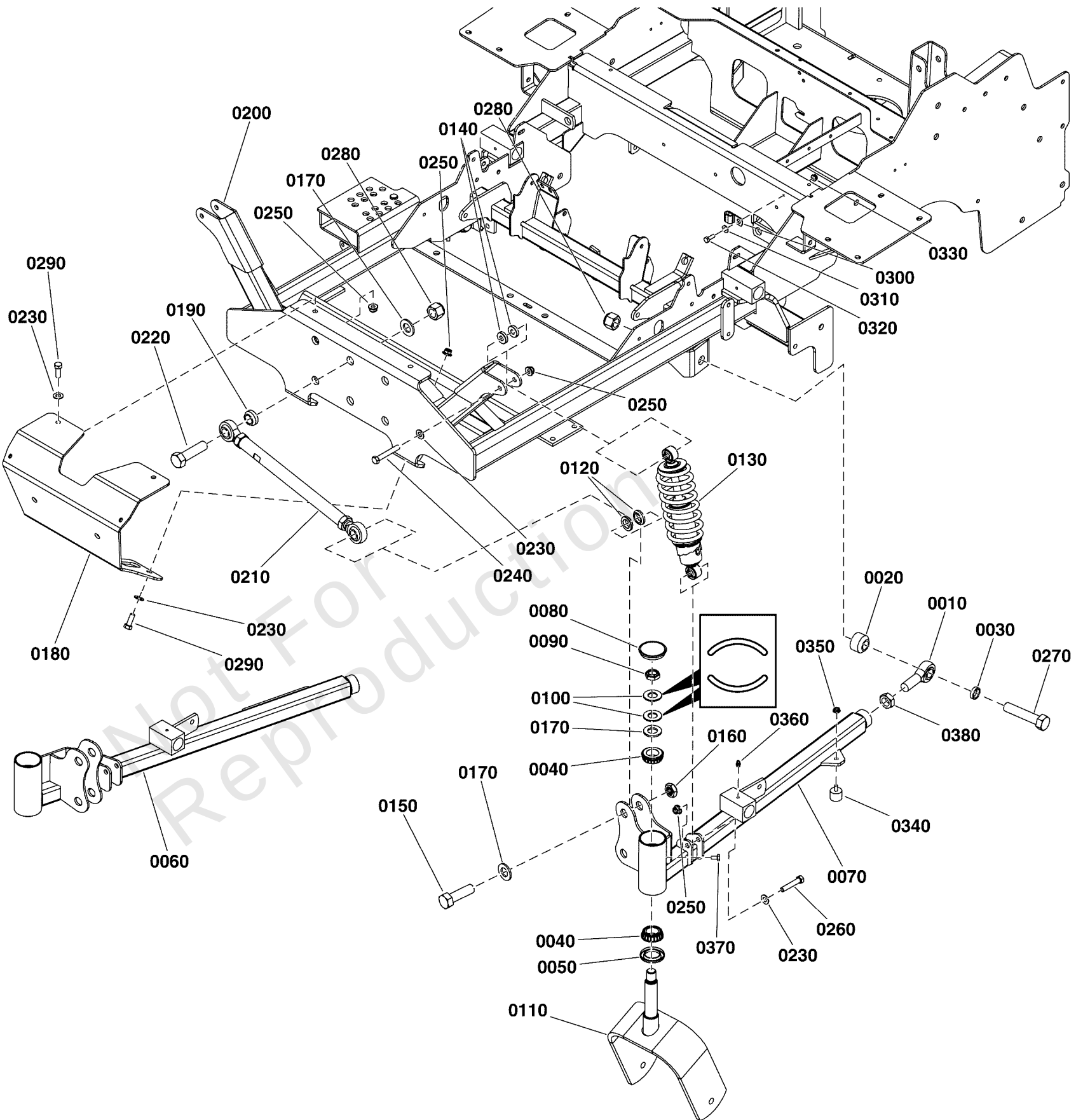
Instrument Control Panel Group - Models with USB Port

REF NO	PART NO	QTY	DESCRIPTION
0020	5101537SM	1	LEVER, THROTTLE CONTR -(Includes item # 0020-10).
0020-10	5046360X1SM	1	KNOB, Throttle Control -(SV)
0030	5025179X6SM	2	SCREW - #10-24
0040	84002228	3	SCREW, FLANGE
0050	5022222SM	1	RING, SWITCH RETAINER
0070	5020927FS	1	SWITCH, IGNITION -(Includes items # 0070-10, 0070-20, and 0070-30).
0070-10	5022789	1	KEY, IGNITION MOLDED SET -(SV)
0070-20	5022790	1	COVER, PLASTIC, SNAP ON -(SV)
0070-30	5022791SM	1	NUT, PLASTIC (SV) -(SV)
0080	1722887SM	1	SWITCH-PTO PUSH
0090	1709188SM	1	PLUG, BLACK PLASTIC
0100	84011146	1	PANEL, Control Panel
0110	5025271FS	2	NUT
0120	5022269SM	1	O-RING, 7/8" ID X 1/1
0130	5105869FS	1	CABLE, Choke
0140	5021029SM	1	TIE, Cable 11" Long
0150	5101076SM	1	CABLE, THROTTLE 47"
0160	5025035SM	1	NUT (3/8-24 HEX)
0170	84008510	1	HOURLMETER (6 Pin Connector) -(Includes item ref # 0170-10.)
0170-10	84008688	1	CLIP -(Replacement clip for item #0170)
0180	84008798	1	USB Port
0190	5025299X8YP	1	CAPSCREW
0200	5025095SM	1	NUT, 1/4-20 HEX NYLON

Main Frame and Front Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Main Frame and Front Suspension Group

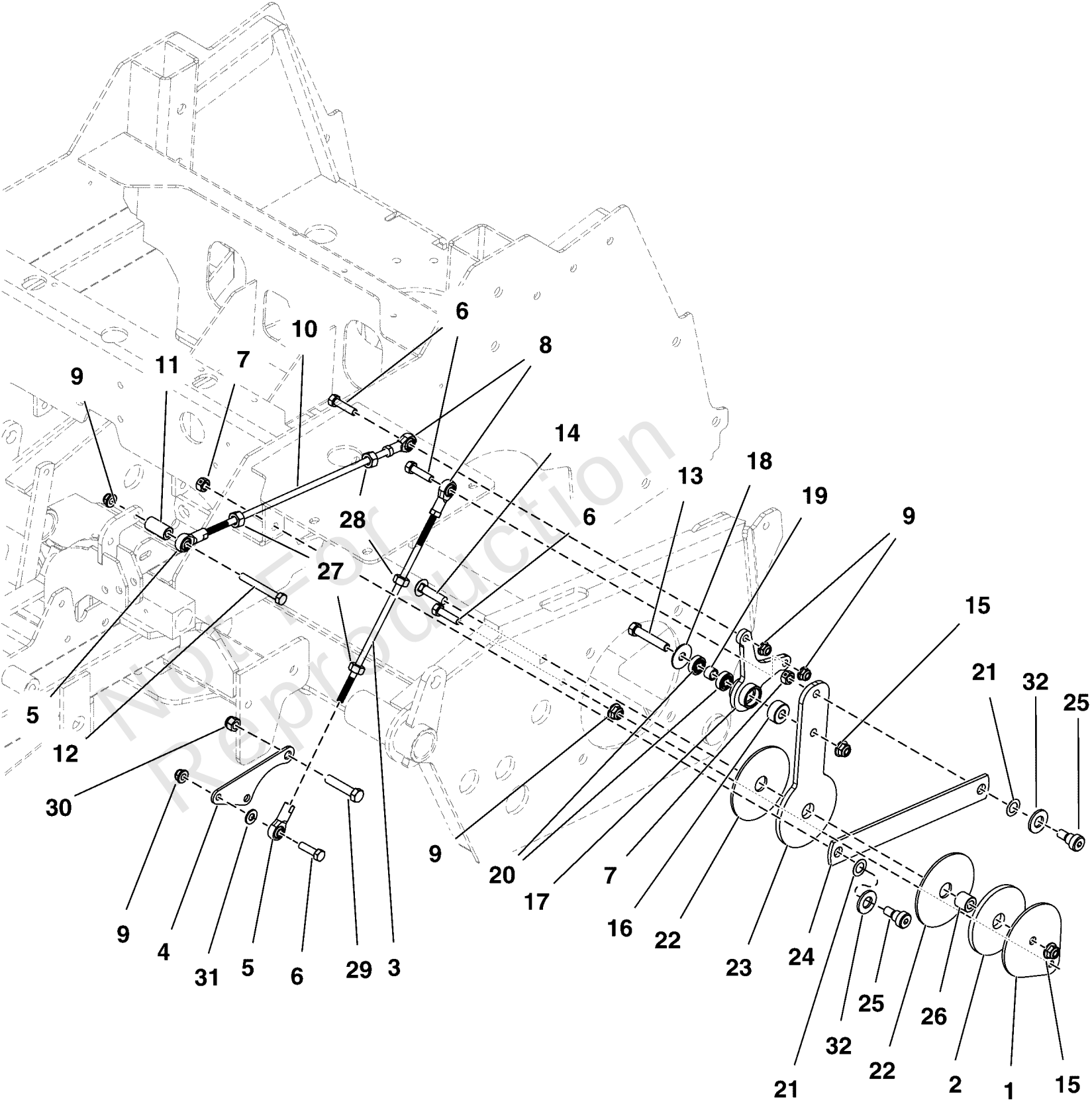
REF NO	PART NO	QTY	DESCRIPTION
0010	5022039	2	BALL JOINT, 3/4-16, MALE
0020	5046093	2	SPACER, .75 X 1.50 X 1.00, CZ
0030	5047461	2	SPACER, .76 x 1.00 x .25
0040	5020884	4	BEARING, TAPERED ROLLER, 1"
0050	5021072	2	SEAL, GREASE
0060	5418824B	1	WELD, A-ARM, IS3300Z, RH - RED
0070	5419140B	1	WELD, A-ARM, 72. LH - RED
0080	5109845	2	CAP, GREASE, LOW PROFILE
0090	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
0100	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
0110	5419196B	2	WELD, CASTER YOKE - RED
0120	5108733	8	SPACER, .765 X 1.500 X .283, TPRD CZ
0130	5108008	2	SHOCK, SPRING ASSM
0140	5108184	4	SPACER, .39 X 1.00 X .24, SHOCK, ISX
0150	5025265X20	4	BOLT, 3/4-16 X 2-1/2" YZ GD5
0160	5025679	4	NUT, THIN NYLON INSERT, 3/4-16 GR5
0170	5025160	10	WASHER, 3/4 SAE
0180	5419629B	1	PLATE, FRONT MOUNT, ISX3300 - RED
0190	5108732	4	SPACER, .765 X 1.500 X .500, TPRD CZ
0200	-----	1	WELD, MAIN FRAME, ISX3300Z - RED
0210	5108790FS	4	ARM, CONTROL
0220	5025265X24	4	BOLT, 3/4-16 X 3" YZ GD5
0230	5025156	8	WASHER, 3/8 SAE
0240	5025013X20	2	BOLT, 3/8-16 X 2-1/2" GD5 CZ
0250	5025394	8	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0260	80003522	2	HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR
0270	5025265X28	2	BOLT, 3/4-16 X 3-1/2" YZ GD5
0280	5025284	6	NUT, Hex, Nylon Lock, 3/4-16
0290	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
0300	5025430	1	CLAMP, 5/16", DOUBLE, WIRE & TUBE
0310	5025154	1	WASHER, 1/4 SAE
0320	5025010X6	1	BOLT, 1/4"-20 X 3/4" GD5 YZ
0330	5025391	1	NUT, 1/4-20 Hex Nylock Flange
0340	5022673	2	BUMPER, RUBBER, 1/4-20
0350	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
0360	5020095	2	GREASE FITTING, 1/4-28 Straight
0370	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
0380	5025093	2	NUT, Hex, Jam, 3/4-16

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5303882L



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

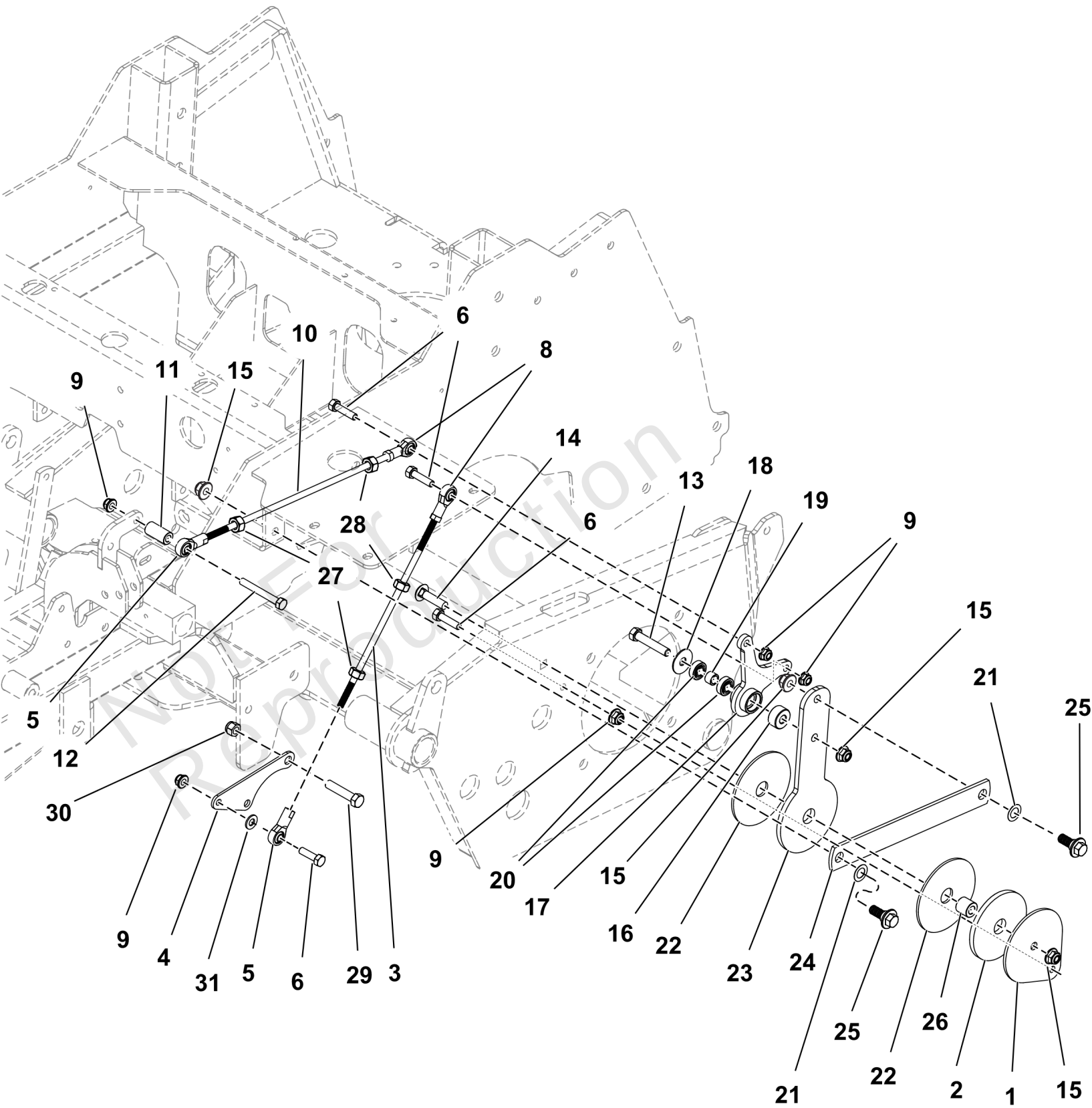
REF NO	PART NO	QTY	DESCRIPTION
1	5410271A	2	PLATE, CONTROL SYSTEM LOCK - BLK
2	5103704	2	PAD, .77 X 3.50 X .25, POLYURETHANE
3	5101135	2	ROD, HYDRO LINKAGE
4	5411301A	2	PLATE, CONTROL MOUNT - BLK
5	5104493	4	BALL JOINT 5/16-24 RH FEMALE BRONZE RACE
6	5025055X10	12	BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ
7	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 - Control System S/N: 4002340029 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5303882L



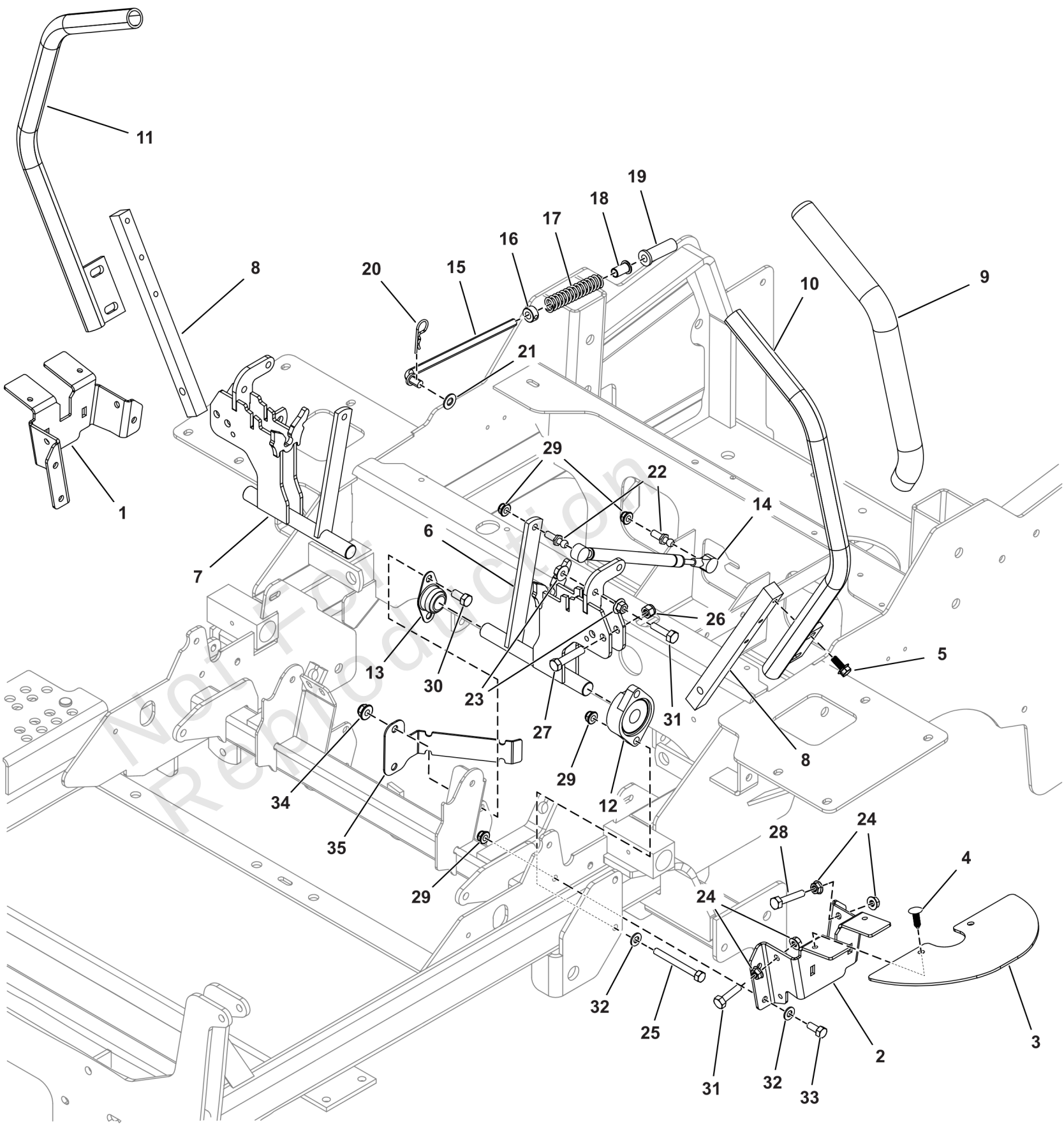
Motion Control Group - Control System S/N: 4002340029 and Above

REF NO	PART NO	QTY	DESCRIPTION
1	5410271AYP	2	PLATE, CTRL SYSTEM LK
2	5103704YP	2	PAD, .77 X 3.50 X .25
3	5101135YP	2	ROD, HYDRO LINKAGE
4	5411301AYP	2	PLATE, CONTROL MOUNT
5	5104493YP	4	BALL JOINT 5/16-24 RH
6	5025055X10YP	12	BOLT, 5/16-18 X 1-1/4
8	5104494YP	4	BALL JOINT 5/16-24 LH
9	5025392FS	8	NUT
10	5102255YP	2	ROD, HYDRO LINKAGE
11	5102599YP	2	SPACER, .33X.63X1.25
12	5025011X20FS	2	BOLT
13	84007037	2	BOLT
14	5025146X12YP	2	BOLT, 3/8-16 X 1-1/2
15	5025394SM	6	NUT, 3/8-16 HEX NYLOCK
16	5046860SM	2	SPACER
17	5103718YP	2	PIVOT, CONTROL SYSTEM
18	5025165SM	2	WASHER, 3/8" FENDER
19	5103676YP	2	SPACER, .39X.55X.38
20	5102003YP	4	BEARING, .375ID
21	5103784YP	4	WAVE WASHER
22	5103672YP	4	PAD, CONTROL SYSTEM
23	5410268YP	2	PLATE, CTRL SYST ARM
24	5411375AYP	2	LINK, Control
25	84010948	4	BOLT, Washer
26	5103705YP	2	SPACER, .39X.75X.69
27	5025033FS	4	NUT
28	5023212SM	4	NUT, 5/16-24 HEX, LH
29	5025015X6SM	2	BOLT, 7/16-14
30	5025044SM	2	NUT, 7/16-14 HEX
31	703350	2	WASHER

Motion Control Group - Handles & Dampeners

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Motion Control Group - Handles & Dampeners

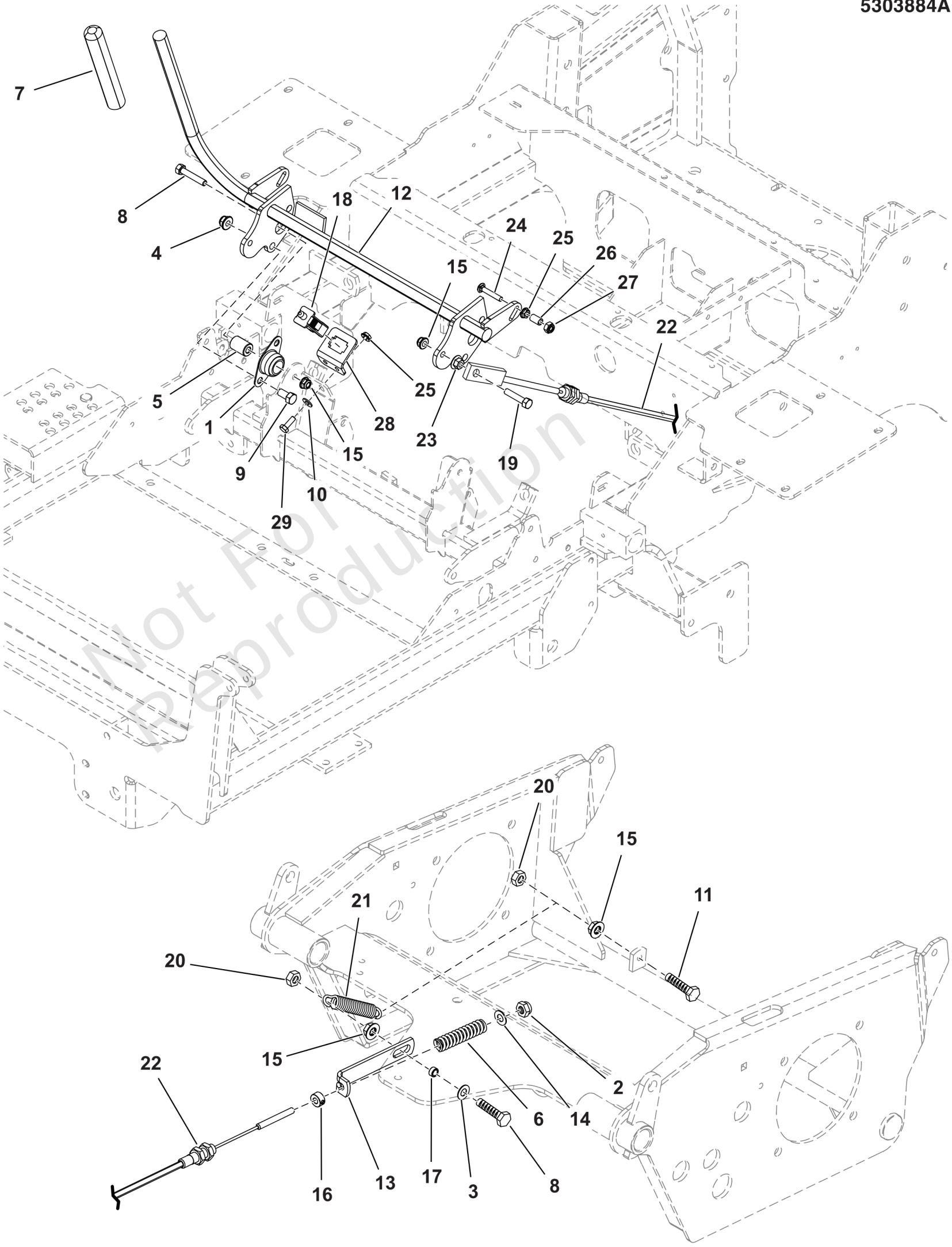
REF NO	PART NO	QTY	DESCRIPTION
1	5416170A	1	PLATE, Neutral Lock, RH - BLK
2	5416171A	1	PLATE, Neutral Lock, LH - BLK
3	5401248	2	GUARD, RUBBER MOTION CONTROLS
4	5025431	4	PUSH RIVET (TREE TYPE), BLACK
5	80003531	4	SCREW, 5/16-18x0.750, GR5, WHIZ-LOCK, ZC
6	5416663A	1	WELD, CONTROL SHAFT, LOCKOUT, LH - BLK
7	5416664A	1	WELD, CONTROL SHAFT, LOCKOUT, RH - BLK
8	5103106A	2	MOUNT, CONTROL ARM - BLK
9	5104722	2	GRIP, FOAM, 1" ID, 16" LONG
10	5414427A	1	WELD, HANDLE MOTION CNTRL, 16.5, 1.0, LH - BLK
11	5414428A	1	WELD, HANDLE MOTION CNTRL, 16.5, 1.0, RH - BLK
12	5021499	2	BEARING, FLANGE
13	5021098	2	BEARING, BRONZE FLANGE, 3/4"
14	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
15	5100947	2	ROD, NEUTRAL RETURN, CZ
16	5010546	2	COLLAR, 3/8" Set
17	5022645	2	SPRING, REVERSE RETURN
18	5023260	2	BUSHING, FLANGE 3/8ID X 7/8 LONG
19	5104375	2	FLANGED BUSHING, 3/8ID X .630DX.8125FL
20	5025210	2	3/32 X 1-5/8 HAIR PIN CLIP
21	5025156	2	WASHER, 3/8 SAE
22	5101307	4	10MM BALL STUD, 5/16-18 X 3/4 THDS
23	5025139	4	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
24	5025127	8	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
25	5025011X24	4	BOLT, 5/16-18 X 3" GD5 YZ
26	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
27	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5 CZ
28	5025055X14	2	BOLT, 5/16-18 X 1-3/4 TFL, GD5 YZ
29	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
30	5025013X6	6	BOLT, 3/8-16 X 3/4" GD5 CZ
31	5025055X10	4	BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ
32	5025155	10	WASHER, 5/16" SAE
33	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
34	5025394	4	NUT, 3/8 - 16 HEX NYLOCK FLANGE
35	5413137AYP	1	BRACKET, HARNESS MOUNT, 2100 - BLK

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

5303884A



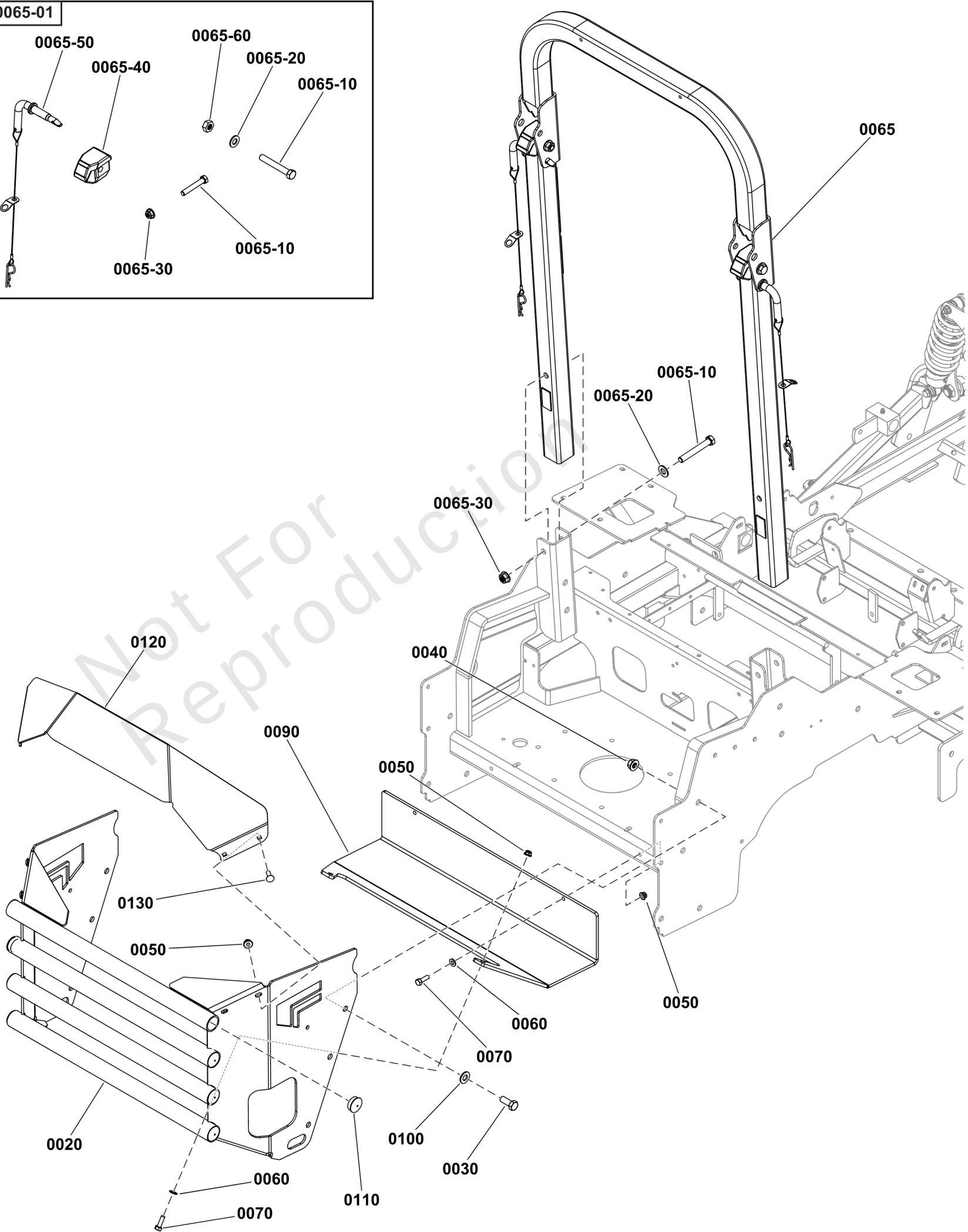
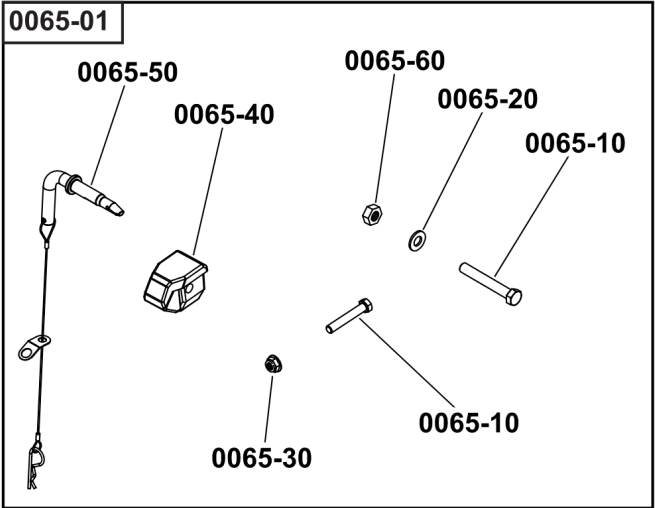
Parking Brake Group

REF NO	PART NO	QTY	DESCRIPTION
1	5021098SM	2	BEARING, BRONZE FLANG
2	5025045SM	2	NUT, 5/16-24 HEX NYLO
3	703350	2	WASHER
4	5025394SM	4	NUT, 3/8-16 HEX NYLOCK
5	5042134SM	2	SPACER, .32 X .75 X 1
6	5100385YP	2	SPRING, COMP. 1/2 ID
7	5101038SM	1	GRIP, FOAM
8	5025011X14SM	4	BOLT, 5/16-18 X 1-3/4
9	5025013X6SM	4	BOLT, 3/8-16 X 3/4" G
10	703332	2	WASHER
11	5025055X10YP	2	BOLT, 5/16-18 X 1-1/4
12	5415423AAFS	1	SHAFT, BRAKE
13	5411363AYP	2	LINK, BRAKE LOCK
14	5025337FS	2	WASHER
15	703115	8	NUT
16	5020047SM	2	COLLAR, 5/16" SET
17	5102463YP	2	SPACER, .33 X .50X.25
18	7022886YP	1	SWITCH, DP NO/NC SNAP
19	5025055X12SM	2	BOLT, 5/16-18 X 1-1/2
20	703164	4	NUT
21	5103969YP	2	SPRING, EXTENSION
22	5104235YP	2	CABLE, PARKING BRAKE
23	5025139SM	2	NUT, 5/16-18 HEX SERR
24	704214	2	BOLT, 1/4-20 X 1.5
25	5025126FS	3	NUT
26	5041483YP	2	SPACER
27	5025095SM	2	NUT, 1/4-20 HEX NYLON
28	5415932AYP	1	TAB
29	5025010X6SM	2	BOLT, 1/4-20 X 3/4" G

Rear Bumper and ROPS Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Rear Bumper and ROPS Group

REF NO	PART NO	QTY	DESCRIPTION
0020	5108311BFS	1	BUMPER, REAR
0030	5025017X10YP	6	BOLT, 1/2-13 X 1-1/4
0040	770225	6	NUT
0050	5025392FS	8	NUT
0060	703350	4	WASHER
0065	-----	1	ROLL OVER PROTECTION STRUCTURE -(Refer to Note: *)
0065-01	84013063	1	KIT, Hardware (Roll Bar) -(Includes items #0065-10 to #0065-60.)
0065-10	-----	4	BOLT, 1/2-13 X 3" GD5 CZ
0065-20	-----	4	WASHER, 1/2 SAE
0065-30	-----	2	NUT, 1/2-13 Hex Side Lock
0065-40	5108027FS	2	STOP, BLOCK
0065-50	5108350FS	2	PIN
0065-60	-----	2	NUT, 1/2-13 Hex Side Lock
0070	5025011X8FS	4	BOLT
0090	5419532AAFS	1	SHIELD, HEAT
0100	5025158SM	6	WASHER, 1/2" SAE
0110	5023484SM	8	PLUG, PANEL, 1.25 - B
0120	5108310BFS	1	GUARD
0130	5025145X8SM	4	BOLT, 5/16-18 X 1", C

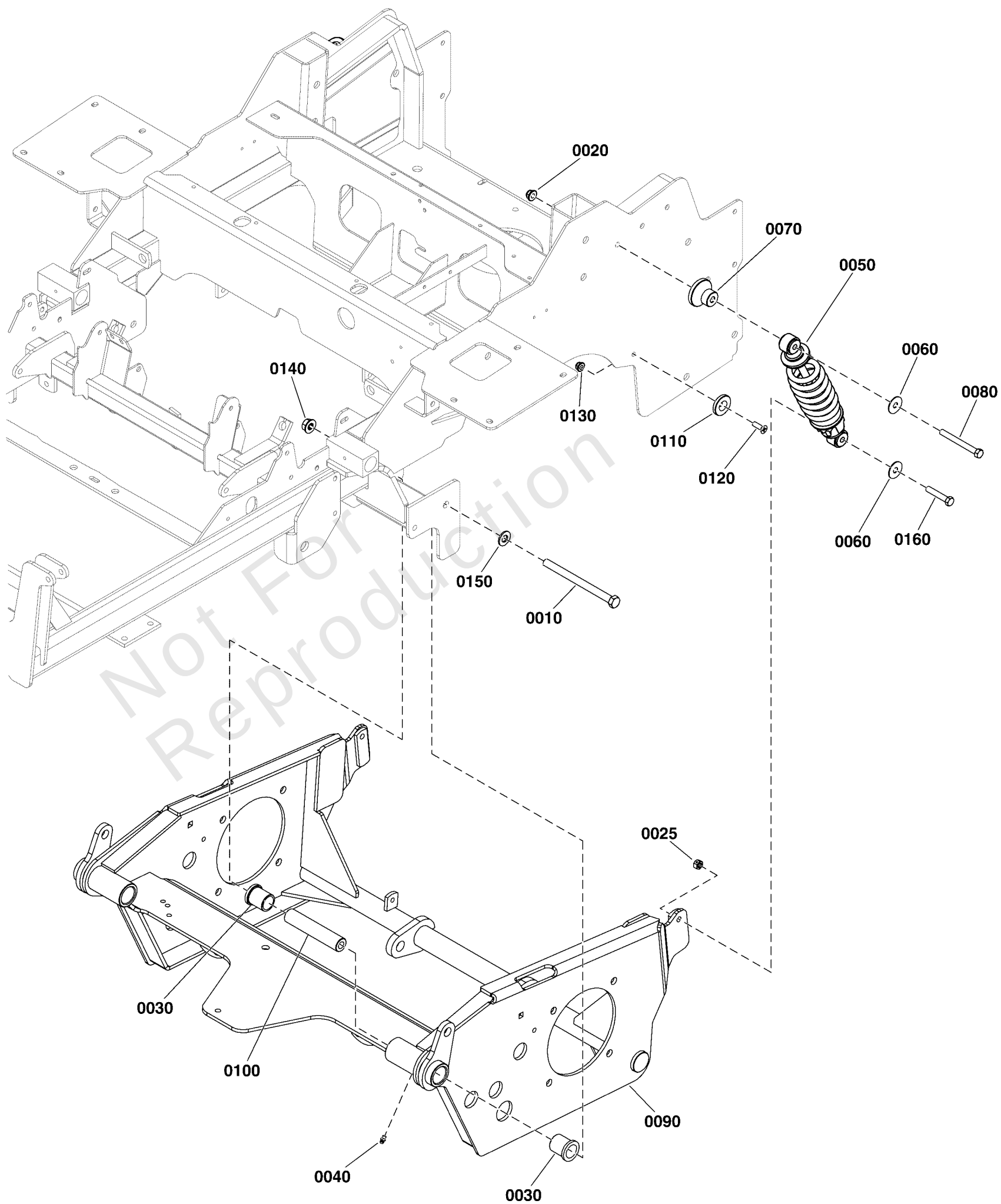
Footnotes:

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.

Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



Rear Suspension Group

REF NO	PART NO	QTY	DESCRIPTION
0010	5025488X52	2	BOLT, 1/2-13 X 6-1/2" GD8 YZ
0020	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0025	5025100	2	NUT, Hex, Side Lock, 3/8-16
0030	5021541	4	BUSHING, FLANGE
0040	5020095	2	GREASE FITTING, 1/4-28 Straight
0050	5108022	2	SHOCK, SPRING ASSM --
0060	5025165	4	WASHER, 3/8" Fender
0070	5104704	2	SPACER, .39 X 2.00 X 1.35, PM
0080	5025013X28	2	BOLT, 3/8-16 X 3-1/2" GD5 CZ
0090	84007759	1	CRADLE, Suspension
0100	5100194	2	SPACER, .52 X 1.00 X 5.00
0110	5102701	2	SPACER, .34 X 1.54 X .25 - UHMW
0120	5025594	2	SCREW, 5/16-18 X 1, PHILLIPS HD, BZ
0130	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0140	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
0150	5025158	2	WASHER, 1/2 SAE
0160	80003522	2	HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR

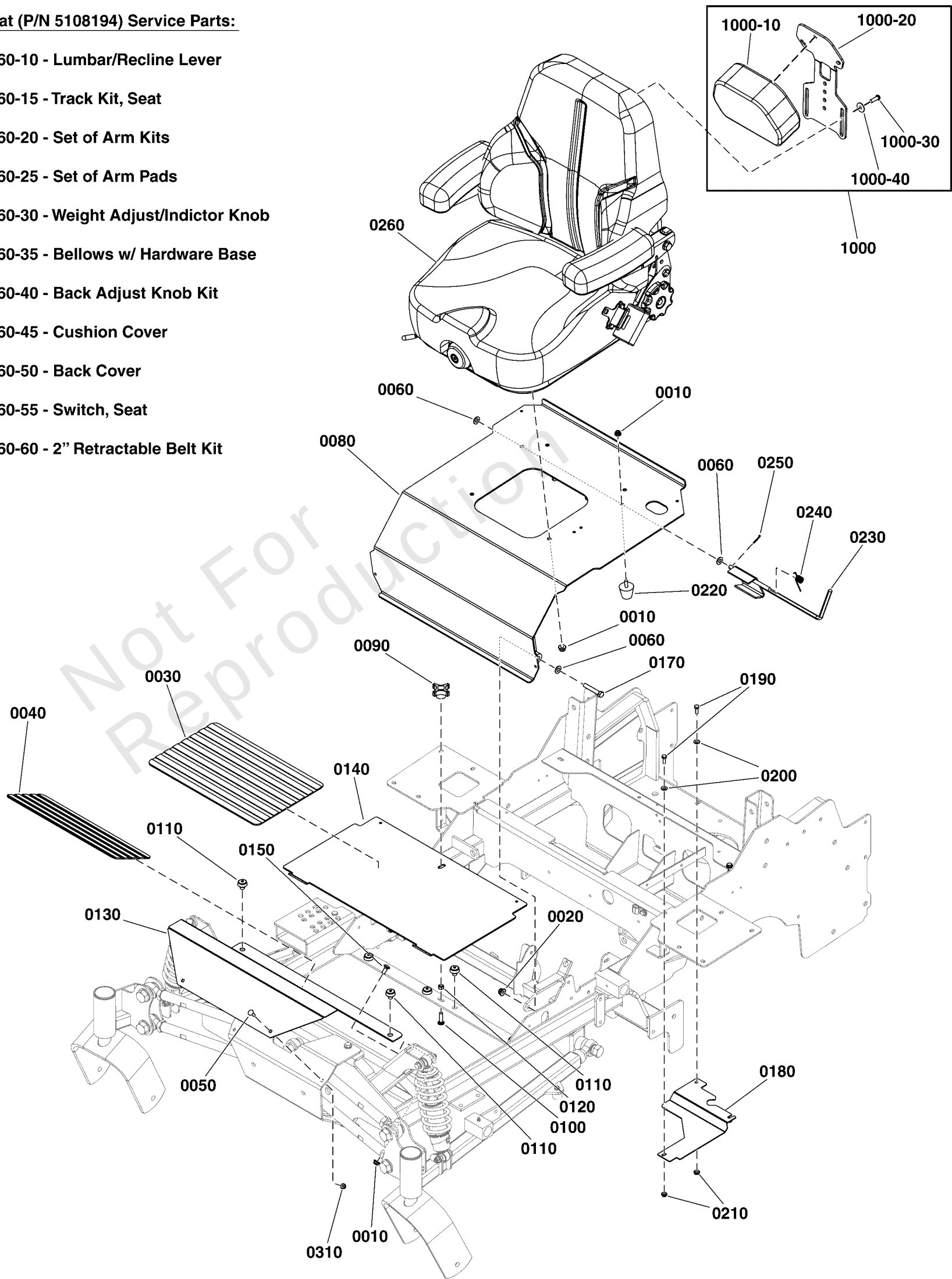
Seat Mount and Floor Group S/N: 4002328396 and below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

Seat (P/N 5108194) Service Parts:

- 0260-10 - Lumbar/Recline Lever
- 0260-15 - Track Kit, Seat
- 0260-20 - Set of Arm Kits
- 0260-25 - Set of Arm Pads
- 0260-30 - Weight Adjust/Indictor Knob
- 0260-35 - Bellows w/ Hardware Base
- 0260-40 - Back Adjust Knob Kit
- 0260-45 - Cushion Cover
- 0260-50 - Back Cover
- 0260-55 - Switch, Seat
- 0260-60 - 2" Retractable Belt Kit



Seat Mount and Floor Group S/N: 4002328396 and below

REF NO	PART NO	QTY	DESCRIPTION
0010	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0020	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0030	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X17.13
0040	5101374	1	SAFETY WALK, FLOOR REST, 16.00 X 6.00
0050	1960252	2	BOLT-RD HD SH SQ NK 1/4-20X0.625 G5 BLK
0060	5025156	4	WASHER, 3/8 SAE
0080	5601175	1	ASSM, SEAT PLATE W/ DECALS, DOMESTIC -(USA Models Only)
0080	5601203	1	ASSM, SEAT PLATE W/ DECALS, IS3200-CEHYD -(Export Models Only)
0090	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
0100	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE, GD5, CZ
0110	197546	6	MNT, VBRTN, RBBR
0120	80003675	1	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
0130	5419415BFS	1	PLATE, FLOOR
0140	5412905B	1	PLATE, FLOOR, REMOVABLE, IS3100Z - RED
0150	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
0170	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ
0180	5417762A	1	GUARD, DEBRIS, IS3200Z - BLK
0190	5025010X6	3	BOLT, 1/4"-20 X 3/4" GD5 YZ
0200	5025154	3	WASHER, 1/4 SAE
0210	5025126	3	NUT, 1/4-20 HEX SERR. FLANGE
0220	5106763	2	BUMPER, RUBBER, 5/16-18, 60 DURO
0230	5418223A	1	WELD, SEAT LATCH HOOK - BLACK
0240	5106644	1	SPRING, TORSION, LH, .0625OD
0250	80002736	1	PIN, 3/32 X 0.750, COT, ZINC/CLEAR
0260	5108194	1	SEAT, HIGH BACK,SUSP,SWITCH & SEAT BELTS
0260-10	5105099X2	1	LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS -(SV)
0260-15	5104720X1	1	4" SINGLE LOCKING TRACKS BASE -(SV)
0260-20	5106325X2	1	SET OF ARM KITS -(SV)
0260-25	5106325X3	1	SET OF ARM PADS -(SV)
0260-30	5104720X2	1	WEIGHT ADJUST INDICATOR KNOB ASSY BASE -(SV)
0260-35	5104720X3	1	BELLOWS W/ HARDWARE BASE -(SV)
0260-40	5106325X4	1	BACK ADJUSTMENT KNOB KIT -(SV)
0260-45	5108194X1	1	CUSHION COVER -(SV)
0260-50	5108194X2	1	SEAT BACK COVER -(SV)
0260-55	7023354	1	SWITCH, SEAT -(SV)
0260-60	5106325X5	1	2" RETRACTABLE BELT KIT -(SV)
0310	5025391	2	NUT, 1/4-20 Hex Nylock Flange
1000	84003643	1	KIT, Headrest
1000-10	5106645	1	HEAD REST HIGH BACK SEAT
1000-20	5418483A	1	PLATE, MOUNTING BRACKET, HEADREST - BLK
1000-30	5025652	6	SCREW, 5/16-18X1, BUT HD, BLK, W/PATCH
1000-40	5107404	6	WASHER, FENDER, 1.00 OD X .315 ID X .055

Seat Mount and Floor Group S/N: 4002328397 to 4002411631

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

Seat Service Parts:

0260-10 - Lumbar/Recline Lever

0260-15 - Track Kit, Seat

0260-20 - Arm Pads

0260-25 - Set of Arm Rests

0260-30 - Weight Adjust/Indicator Knob

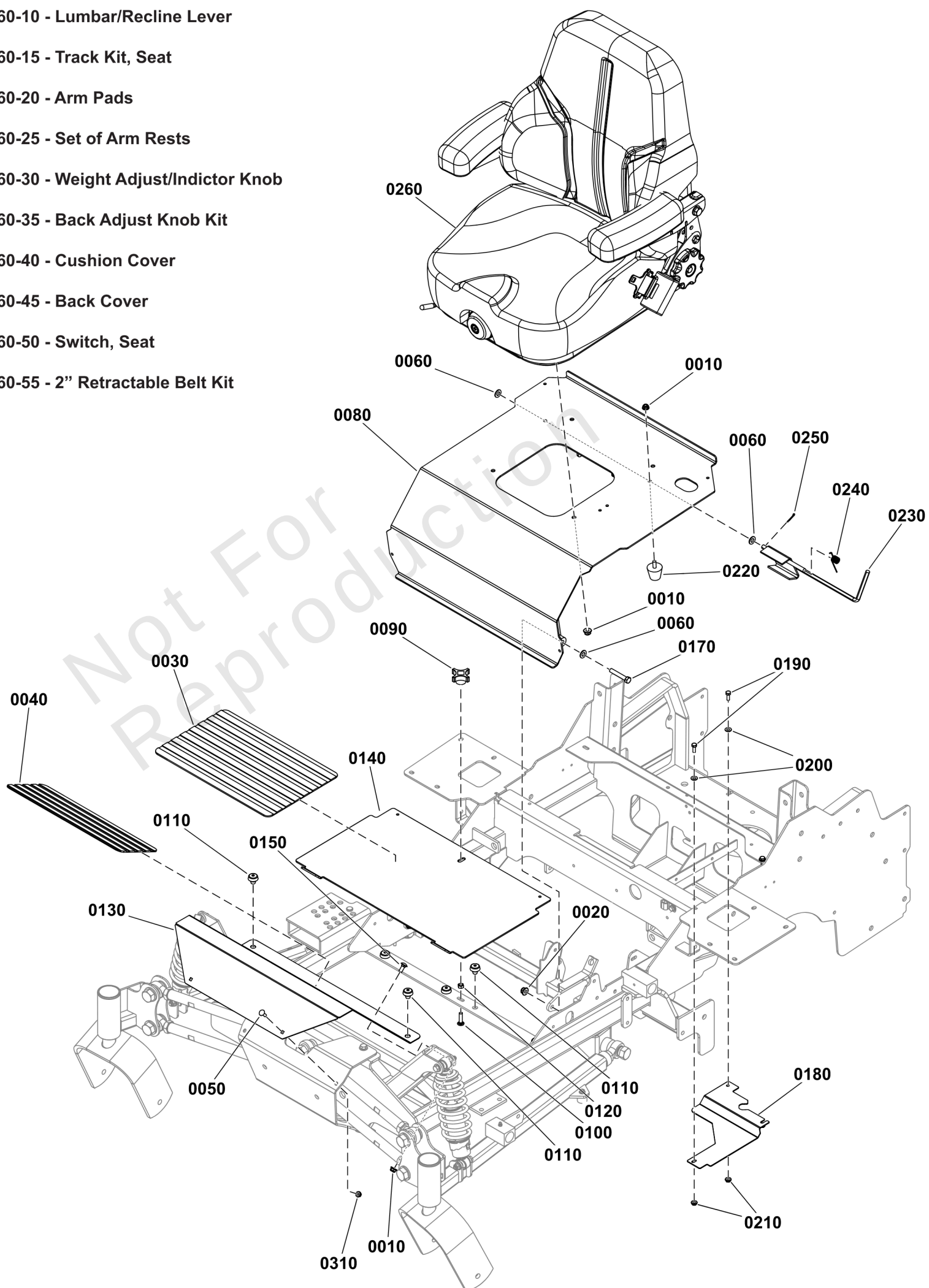
0260-35 - Back Adjust Knob Kit

0260-40 - Cushion Cover

0260-45 - Back Cover

0260-50 - Switch, Seat

0260-55 - 2" Retractable Belt Kit



Seat Mount and Floor Group S/N: 4002328397 to 4002411631

REF NO	PART NO	QTY	DESCRIPTION
0010	5025392FS	8	NUT
0020	5025394SM	2	NUT, 3/8-16 HEX NYLOCK
0030	5101333YP	1	SAFETY WALK, FLOOR PL
0040	5101374YP	1	SAFETY WALK, FLOOR RE
0050	1960252SM	2	BOLT-RD HD SH SQ NK 1
0060	5025156FS	4	WASHER
0080	5601175	1	ASSM, SEAT PLATE W/ DECALS, DOMESTIC -(USA Models Only)
0080	5601203	1	ASSM, SEAT PLATE W/ DECALS, IS3200-CEHYD -(Export Models Only)
0090	1670578SM	1	KNOB-INT THR .312-18
0100	5025145X10YP	1	BOLT, 5/16-18 X 1-1/4
0110	197546GS	6	MOUNT-VIBRATION
0120	703164	1	NUT
0130	5419415BFS	1	PLATE, FLOOR
0140	5412905BFS	1	PLATE, FLOOR
0150	5025145X6SM	2	BOLT, 5/16-18 X 3/4",
0170	5025013X18SM	2	BOLT, 3/8-16 X 2-1/4"
0180	84003200	1	SHIELD, DEBRIS -(S/N: 4002373571 and below)
0190	5025010X6SM	3	BOLT, 1/4-20 X 3/4" G -(S/N: 4002373571 and below)
0200	84007033	3	WASHER -(S/N: 4002373571 and below)
0210	5025126FS	3	NUT -(S/N: 4002373571 and below)
0220	84003201	2	SUPPORT, RUBBER
0230	84002142	1	WELD, SEAT LATCH HOOK - BLK
0240	84003202	1	SPRING, TORSION
0250	703312	1	PIN, COTTER, 3/32X.75
0260	84010952	1	SEAT ASSEMBLY
0260-10	84003205	1	LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS -(SV)
0260-15	84011185	1	TRACKS, Seat Adjustment -(SV)
0260-20	5104741X2	1	ARM PAD -(SV)
0260-25	5102760X3YP	1	ARM REST, COMPANION -(SV)
0260-30	84003209	1	KNOB, Adjuster -(SV)
0260-35	5105099X3	1	BACK ADJST LO-PRO KNOB-HRDWR BASE -(SV)
0260-40	84011187	1	CUSHION, Seat -(SV)
0260-45	84011186	1	COVER, Seat Back -(SV)
0260-50	7023354YP	1	SWITCH, SEAT -(SV)
0260-55	84003214	1	BELT, Seat -(SV)
0310	5025391FS	2	NUT

Seat Mount and Floor Group S/N: 4002411632 and above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161

Seat Service Parts:

0260-10 - Lumbar/Recline Lever

0260-15 - Track Kit, Seat

0260-20 - Arm Pads

0260-25 - Set of Arm Rests

0260-30 - Weight Adjust/Indicator Knob

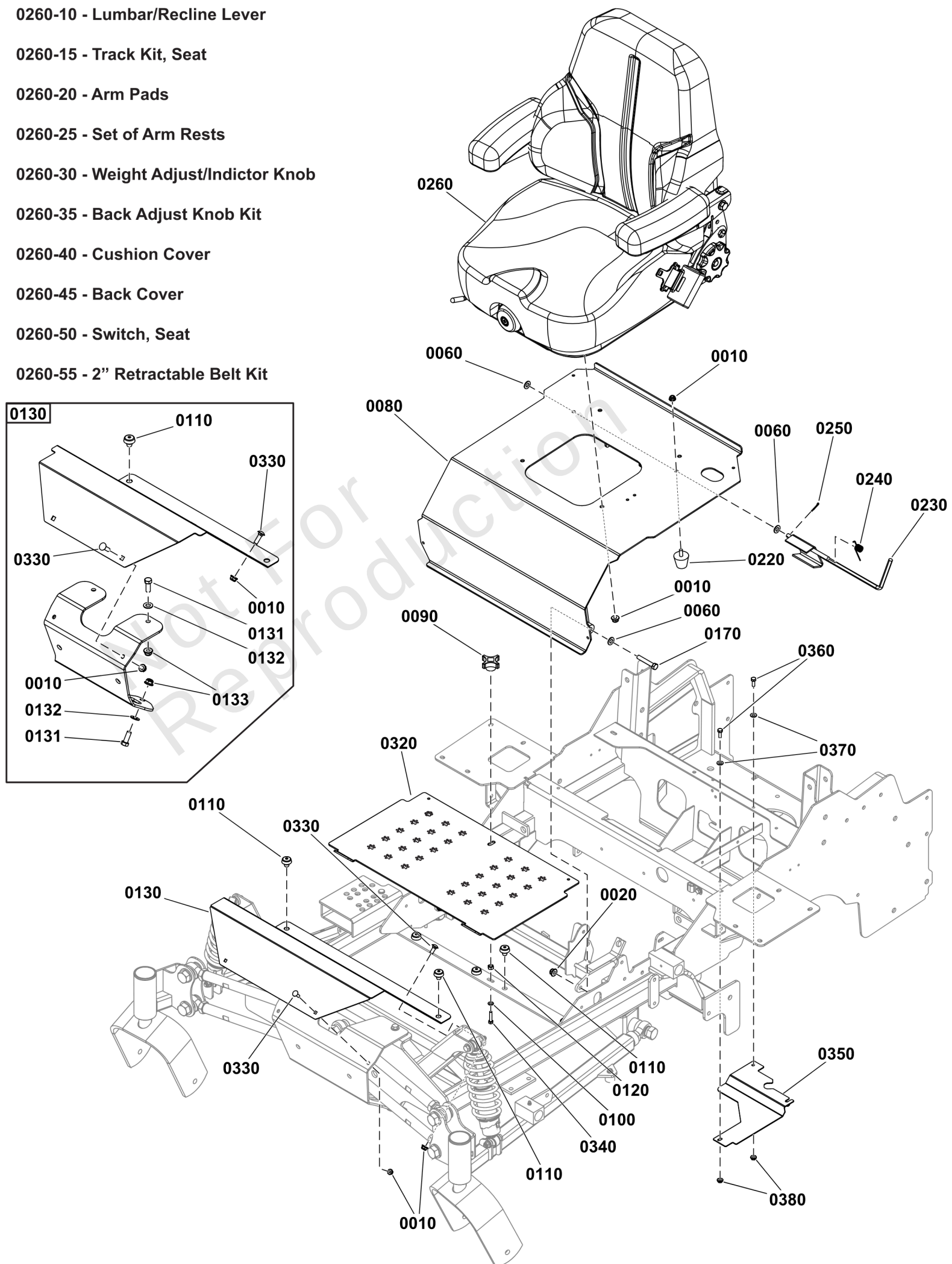
0260-35 - Back Adjust Knob Kit

0260-40 - Cushion Cover

0260-45 - Back Cover

0260-50 - Switch, Seat

0260-55 - 2" Retractable Belt Kit



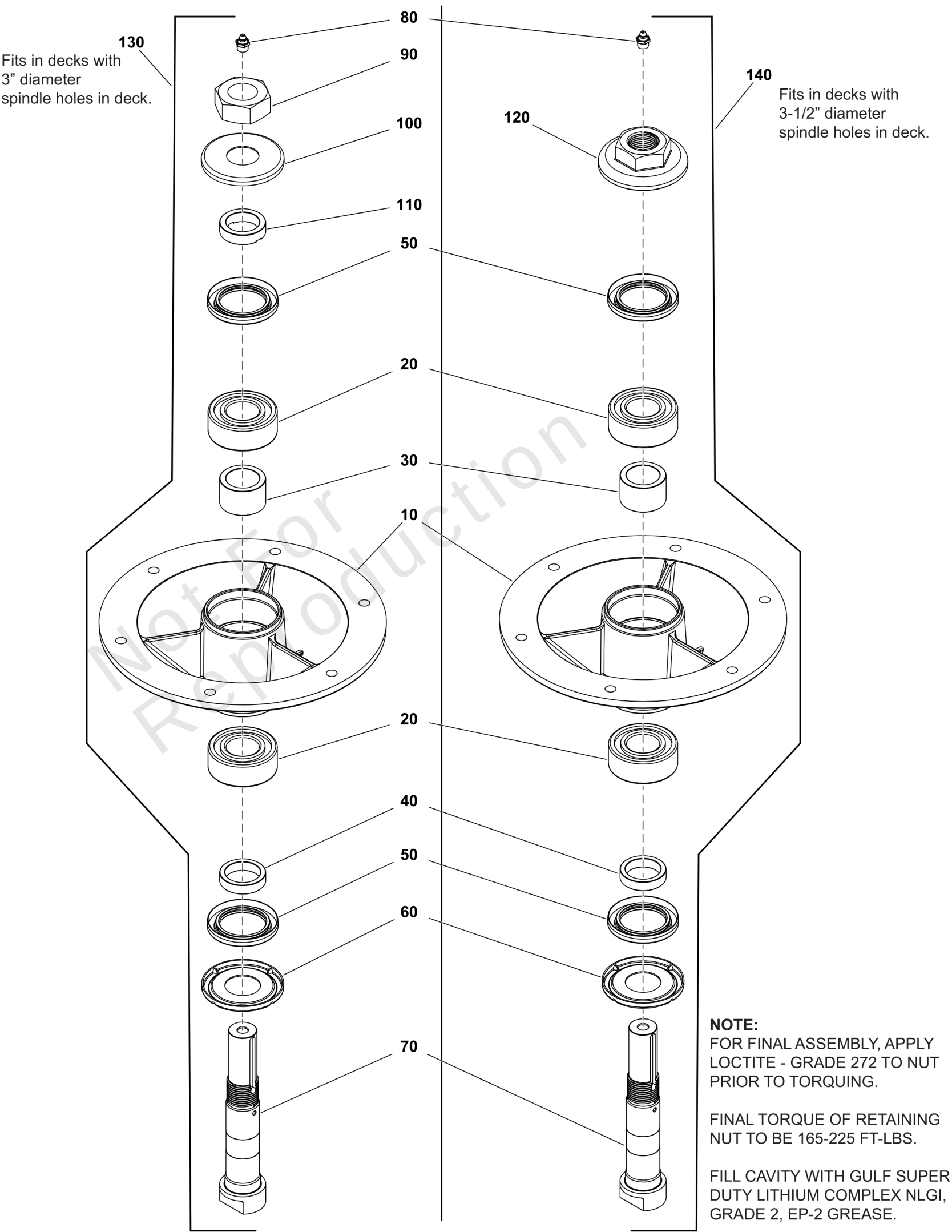
Seat Mount and Floor Group S/N: 4002411632 and above

REF NO	PART NO	QTY	DESCRIPTION
0010	5025392FS	10	NUT
0020	5025394SM	2	NUT, 3/8-16 HEX NYLOCK
0060	5025156FS	4	WASHER
0080	5601175	1	ASSM, SEAT PLATE W/ DECALS, DOMESTIC -(USA Models Only)
0080	5601203	1	ASSM, SEAT PLATE W/ DECALS, IS3200-CEHYD -(Export Models Only)
0090	1670578SM	1	KNOB-INT THR .312-18
0100	5025055X12SM	1	BOLT, 5/16-18 X 1-1/2
0110	197546GS	6	MOUNT-VIBRATION
0120	703164	1	NUT
0130	84013437	1	KIT, PLATE, Floor
0131	5025013X8SM	4	BOLT, 3/8-16 X 1" GD5
0132	5025156FS	4	WASHER
0133	5025394SM	4	NUT, 3/8-16 HEX NYLOCK
0170	5025013X18SM	2	BOLT, 3/8-16 X 2-1/4"
0220	84003201	2	SUPPORT, RUBBER
0230	84002142	1	WELD, SEAT LATCH HOOK - BLK
0240	84003202	1	SPRING, TORSION
0250	703312	1	PIN, COTTER, 3/32X.75
0260	84010952	1	SEAT ASSEMBLY
0260-10	84003205	1	LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS -(SV)
0260-15	84011185	1	TRACKS, Seat Adjustment -(SV)
0260-20	5104741X2	1	ARM PAD -(SV)
0260-25	5102760X3YP	1	ARM REST, COMPANION -(SV)
0260-30	84003209	1	KNOB, Adjuster -(SV)
0260-35	5105099X3	1	BACK ADJST LO-PRO KNOB-HRDWR BASE -(SV)
0260-40	84011187	1	CUSHION, Seat -(SV)
0260-45	84011186	1	COVER, Seat Back -(SV)
0260-50	7023354YP	1	SWITCH, SEAT -(SV)
0260-55	84003214	1	BELT, Seat -(SV)
0320	84012848	1	PLATE, Floor, Removable
0330	5025145X8SM	4	BOLT, 5/16-18 X 1", C
0340	703350	1	WASHER
0350	84003200	1	SHIELD, DEBRIS
0360	5025010X6SM	2	BOLT, 1/4-20 X 3/4" G
0370	703332	2	WASHER
0380	5025126FS	2	NUT

Spindle Service Parts - 84003242 / 84007984

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



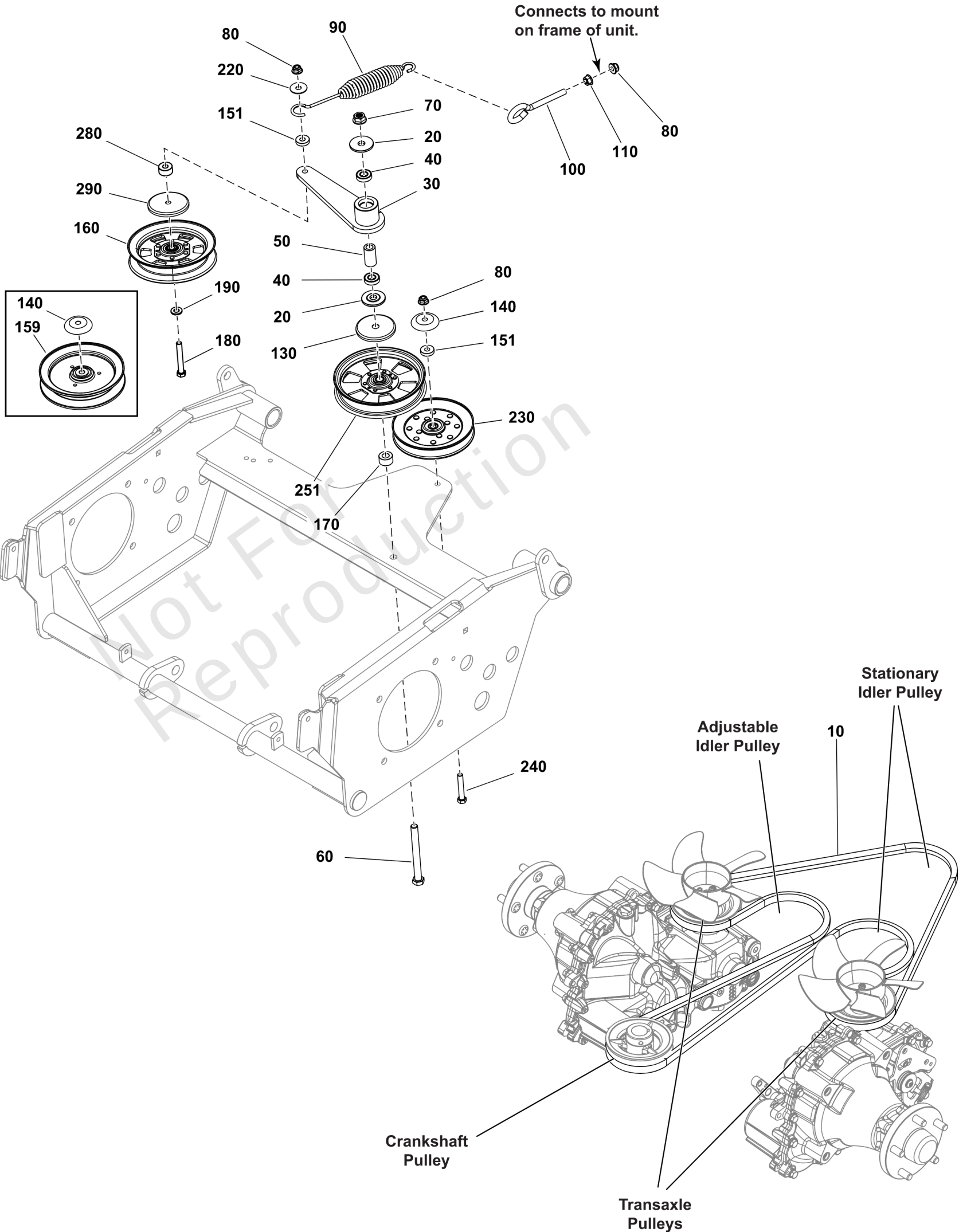
Spindle Service Parts - 84003242 / 84007984

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



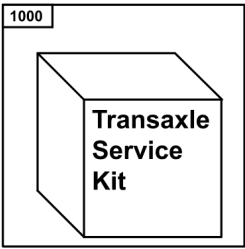
Transaxle Drive Group

REF NO	PART NO	QTY	DESCRIPTION
10	84003255	1	BELT, DRIVE
20	5103262YP	2	SPACER, IDLER ARM
30	84003256	1	ARM, IDLER
40	7078243YP	2	BEARING, BALL, AXLE
50	5103812YP	1	SPACER, .52 X .84 X 1
60	5025017X40SM	1	BOLT, 1/2-13 X 5" GD5
70	770225	1	NUT
80	5025394SM	3	NUT, 3/8-16 HEX NYLOCK
90	5100632YP	1	SPRING, EXTENSION
100	5025429SM	1	EYEBOLT - 3/8-16
110	5025128SM	1	NUT, 3/8-16 HEX SERRA
130	5105145YP	1	SHIELD
140	5103787YP	1	SHIELD, BRNG PULLEY -(Qty: 2 - Serial Number: 4002398211 and Below)
151	5044960SM	2	SPACER, .39 X 1.00 X
159	5103789YP	1	PULLEY, C-SEC,V-IDLER -(Serial Number: 4002398211 and Below)
160	84012665	1	PULLEY w/ Shield -(Serial Number: 4002398212 and Above)
170	5101162YP	1	SPACER
180	5025013X22SM	1	BOLT, 3/8-16 X 2-3/4"
190	5025293SM	1	WASHER, 3/8"
220	5025165SM	1	WASHER, 3/8" FENDER
230	5102093YP	1	PULLEY-IDLER-V
240	5025013X18SM	1	BOLT, 3/8-16 X 2-1/4"
251	5104717YP	1	PULLEY
280	5046860SM	1	SPACER
290	5105146YP	1	SHIELD -(Serial Number: 4002398212 and Above)

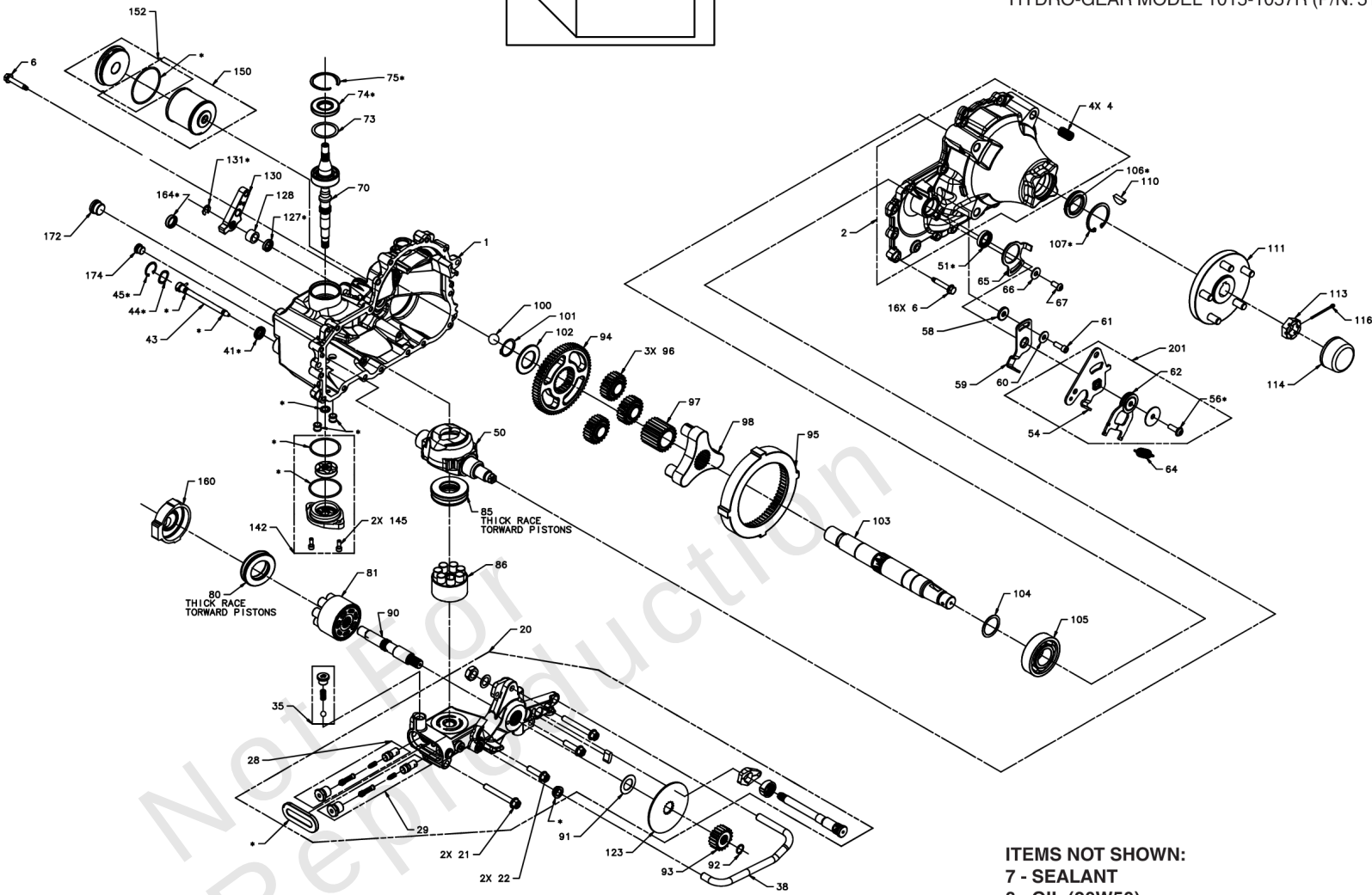
Transaxle SERVICE PARTS - ZT5400

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



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.)

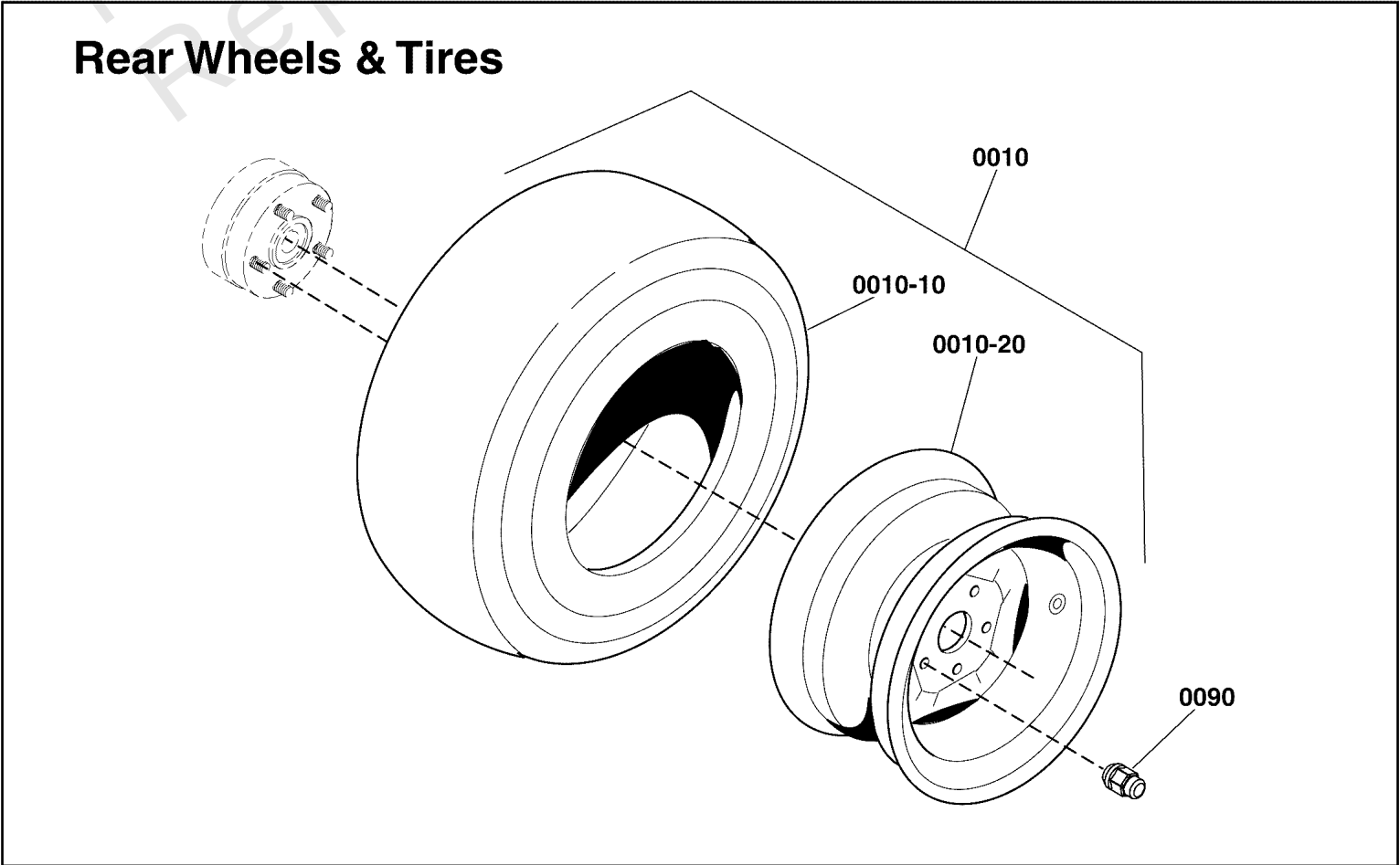
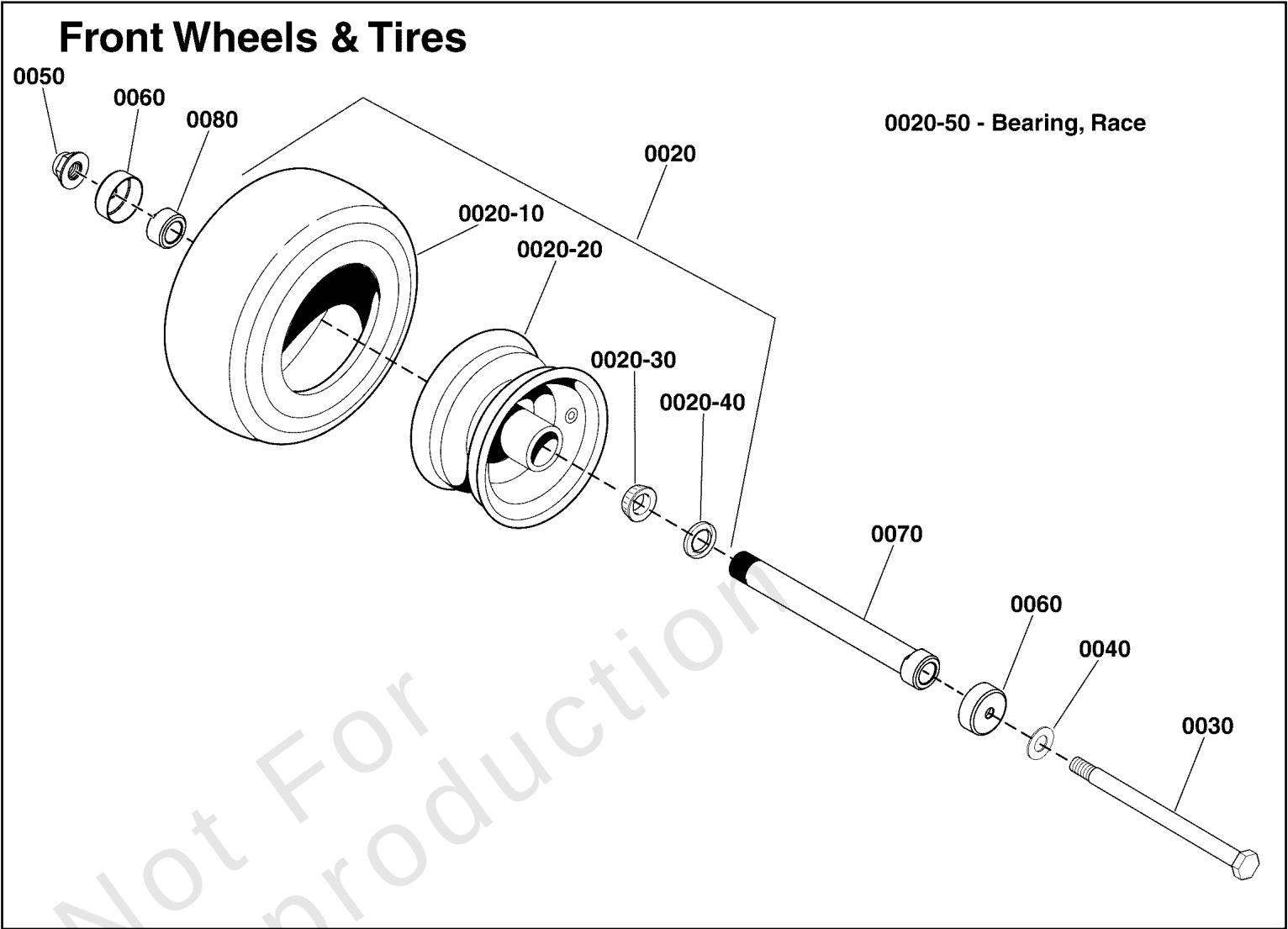
Footnotes:

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

Wheel and Tire Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902161



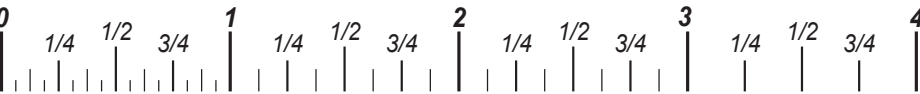
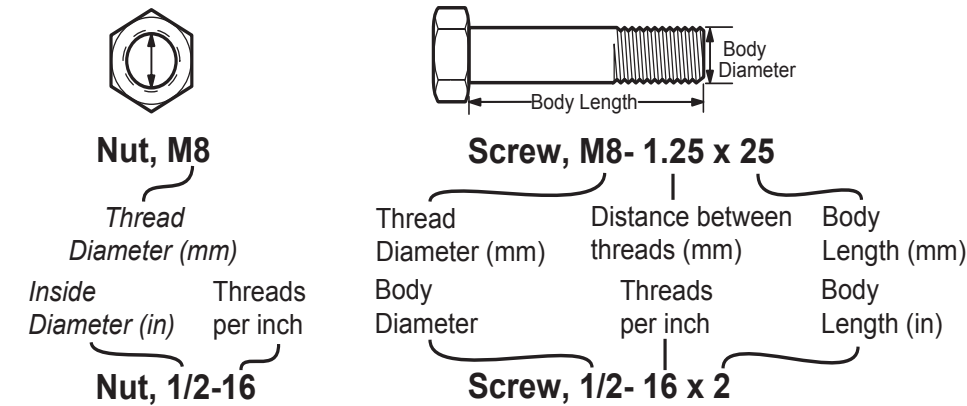
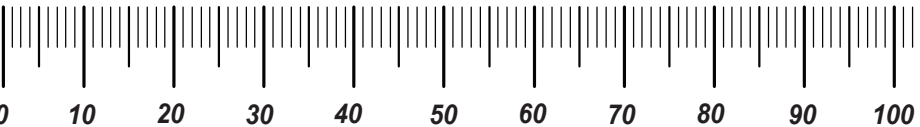
Wheel and Tire Group

REF NO	PART NO	QTY	DESCRIPTION
0010	5108784FS	2	WHEEL
0010-10	84003893	2	TIRE, 26 X 12 - 12 -(One per tire.)
0010-20	84010748	2	WHEEL -(One per tire.)
0020	5109035FS	2	TIRE ASSEMBLY
0020-10	84010374	2	TIRE -(One per tire.)
0020-20	-----	2	WHEEL ASSEMBLY, for 13 x 6.5 x 6 Tire, Blk -(One per tire.)
0020-30	5022631SX2SM	4	BEARING, TAPERED CONE -(Two per tire.)
0020-40	5022631SX3SM	4	SEAL, GREASE -(Two per tire.)
0020-50	5022631SX4SM	4	BEARING, RACE -(Two per tire.)
0030	5025017X72YP	2	BOLT, 1/2-13 X 9 GD5
0040	5025158SM	2	WASHER, 1/2" SAE
0050	770225	2	NUT
0060	5108803FS	4	CAP
0070	5103649YP	2	BEARING ADJUSTER
0080	5103650YP	2	NUT, BEARING
0090	-----	10	LUG NUT, Black -(Originally Black Lug nut - Replacement 5020601SM is silver in color).
0090	5020601SM	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER -(Replacement 5020601SM is silver in color).

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).

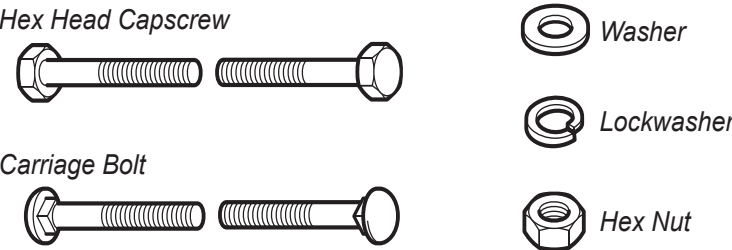
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

