



Parts Manual

Mfg. No: 5901578

IS2100Z Series w/ 61" Mower Deck &
ROPS (IS2100ZBVE2861SS)



5601008 - Seat Adapter Kit, IS2100Z S/N: 2017659810 & Above.

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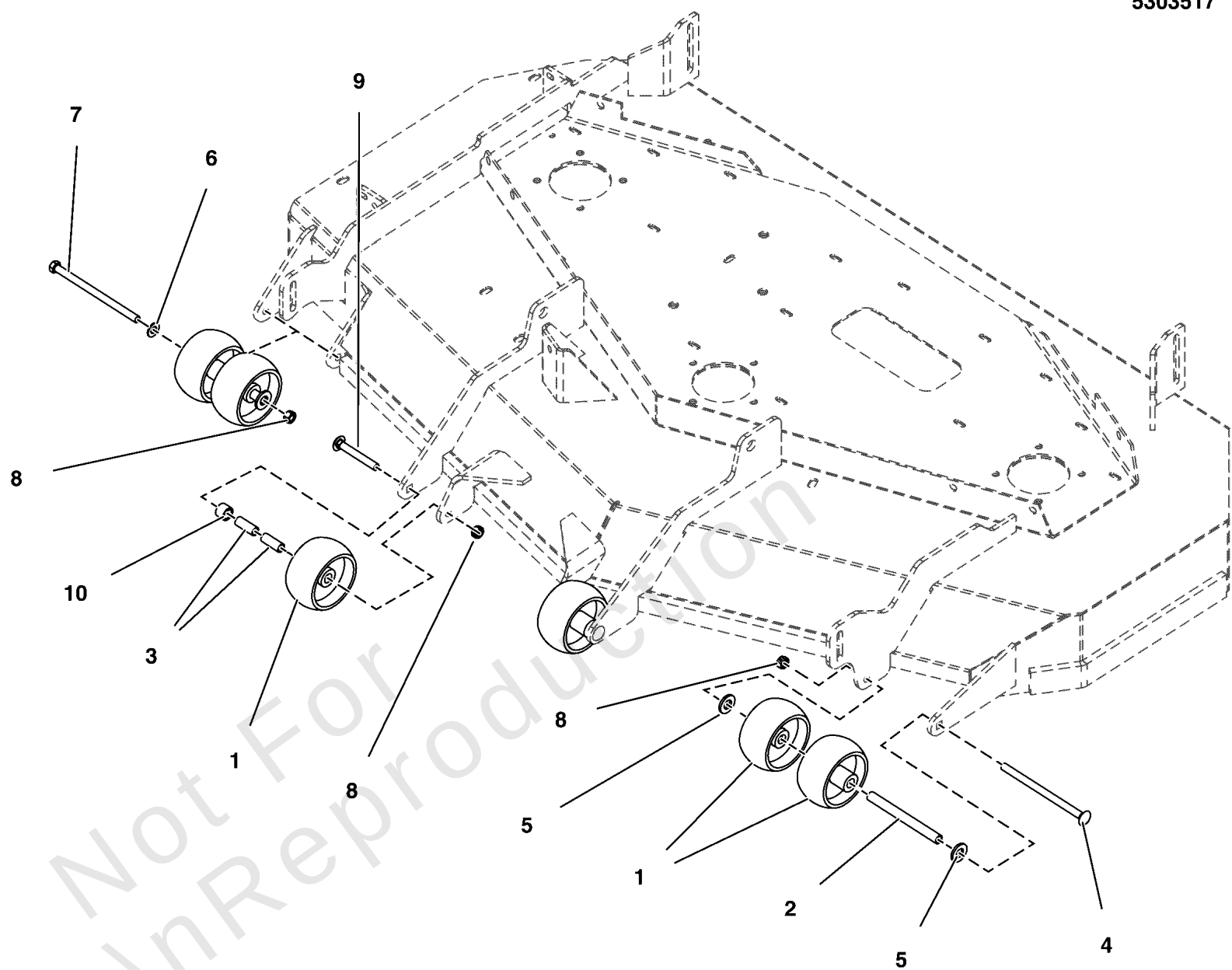
Model Components	Page
52" & 61" Mower Deck Group - Rollers S/N: 2017954955 & Below.	4
61" Mower Deck - Hanger Chains.	6
61" Mower Deck - Housing, Covers, Spindles & Blades (2 Belt System).	8
61" Mower Deck - Pulleys, Belts & Idler Arms (2 Belt System).	10
61" Mower Deck Group - Rollers S/N: 2017954956 & Above.	14
Decal Group - Brand & Model.	16
Decal Group - Safety & Operation USA Models.	18
Deck Lift Group - Puller Bar.	20
Deck Lift Group S/N: 2017954955 & Below.	22
Deck Lift Group S/N: 2017954956 & Above.	26
Electrical Group - Briggs & Stratton Engines.	28
Electrical Schematic - Charging Circuit - B&S 49E877 EFI S/N: 2017954955 & Below.	30
Electrical Schematic - Charging Circuit - B&S 49E877 EFI S/N: 2017954956 & Above.	32
Electrical Schematic - Cranking Circuit - B&S 49E877 EFI S/N: 2017954955 & Below.	34
Electrical Schematic - Cranking Circuit - B&S 49E877 EFI S/N: 2017954956 & Above.	36
Electrical Schematic - Ign. Ground Circuit/Op Pres. - B&S 49E877 EFI S/N: 2017954955 & Below.	38
Electrical Schematic - Ign. Ground Circuit/Op Pres. - B&S 49E877 EFI S/N: 2017954956 & Above.	40
Electrical Schematic - PTO Clutch Circuit - B&S 49E877 EFI S/N: 2017954955 & Below.	42
Electrical Schematic - PTO Clutch Circuit - B&S 49E877 EFI S/N: 2017954956 & Above.	44
Engine & PTO Group - Briggs & Stratton EFI (Remote Oil Tank).	46
Engine Remote Oil Tank, Hoses, & Mount Group.	48
Fuel Supply Hose, Tank Replacement Parts, and EVAP Group - S/N: 2017765516 & Below.	50
Fuel Supply Hose, Tank Replacement Parts, and EVAP Group - S/N: 2017765517 & Above.	52
Fuel Tank & Mount Group.	54
Hydraulic Group.	56
Instrument Control Panel Group.	58
Main Frame & Front Suspension Group.	60
Motion Control Group - Control System.	62
Motion Control Group - Handles & Dampeners.	64
Parking Brake Group.	66
Rear Bumper and ROPS Group S/N: 2018007563 and Below.	68
Rear Bumper and ROPS Group S/N: 2018007564 to 4000015530.	70
Rear Bumper and ROPS Group S/N: 4000015531 and Above.	72
Rear Suspension Group.	74
Seat Plate & Floor Group S/N: 4000015530 & Below.	76
Seat Plate & Floor Group S/N: 4000015531 to 4000875836.	78
Seat Plate & Floor Group S/N: 4000875837 and Above.	80
Spindle Service Parts - 5104744.	82
Transaxle Drive Group.	84
Transaxle SERVICE PARTS - ZT4400.	86
Wheel and Tire Group S/N: 4000771923 and Below.	88
Wheel and Tire Group S/N: 4000771924 and Above.	90
Torque Specification Chart.	92

52" & 61" Mower Deck Group - Rollers S/N: 2017954955 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303517



52" & 61" Mower Deck Group - Rollers S/N: 2017954955 & Below

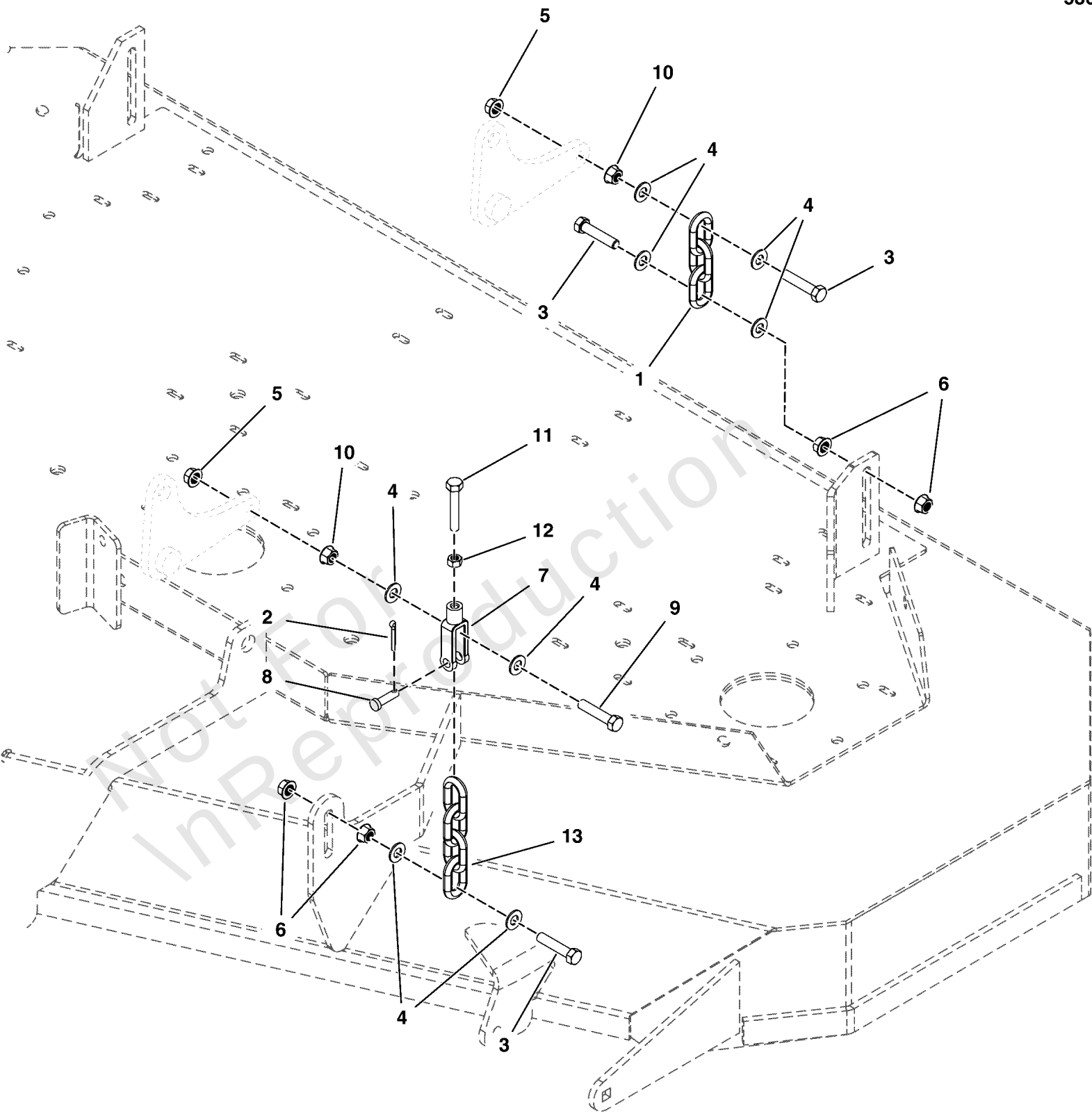
REF NO	PART NO	QTY	DESCRIPTION
1	1714760	6	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY
2	5046586	2	SPACER, .38 X .50 X 5.06
3	5041931	4	SPACER, .38 X .50 X 1.25
4	5025146X48	1	CARRIAGE BOLT, 3/8-16 X 6"
5	5025440	4	WASHER, 1/2" GD9 YZ
6	5025156	1	WASHER, 3/8 SAE
7	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ
8	5025100	4	NUT, 3/8-16 HEX SIDE LOCK
9	5025146X28	2	BOLT, 3/8-16 X 3-1/2, CARRIAGE, GD5, CZ
10	5047027	2	SPACER, .51 X .75 X .56, CZ

61" Mower Deck - Hanger Chains

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303514



61" Mower Deck - Hanger Chains

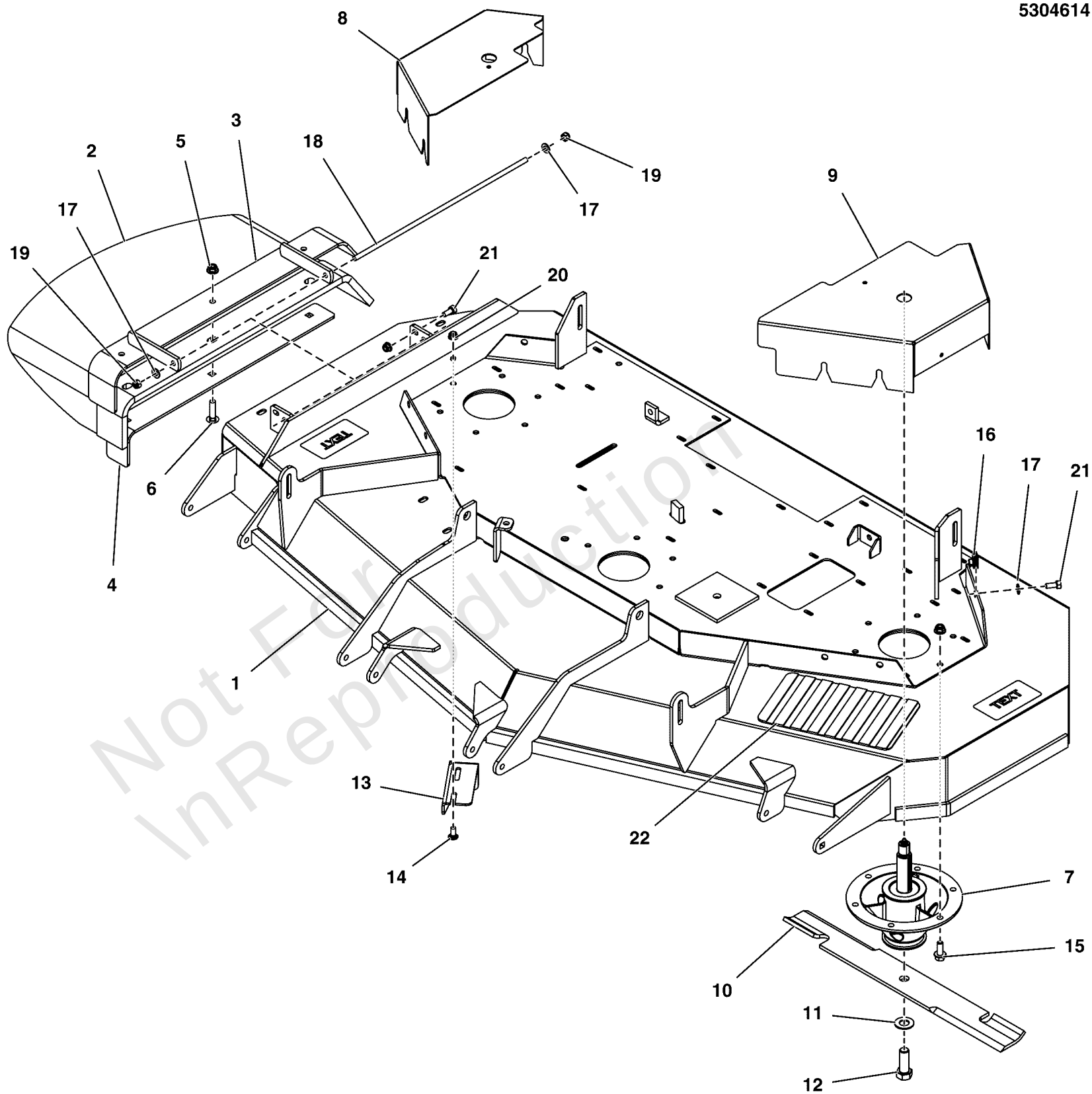
REF NO	PART NO	QTY	DESCRIPTION
1	5050878X3	2	CHAIN, 5/16 GD30, 3 LINKS
2	80002736	2	PIN, 3/32 X 0.750, COT, ZINC/CLEAR
3	5025013X14	6	BOLT, 3/8-16 X 1-3/4" GD5 CZ
4	5025156	16	WASHER, 3/8 SAE
5	5025100	4	NUT, 3/8-16 HEX SIDE LOCK
6	5025128	8	NUT, 3/8-16 HEX SERRATED FLANGE
7	5100375	2	CLEVIS, 5/16-18, 3/8 PIN HOLE, CLR ZINC
8	5025214X9	2	PIN, CLEVIS, 3/8 X 1-1/8, PLATED
9	5025013X16	2	BOLT, 3/8-16 X 2, GD5, CZ
10	5025034	4	NUT, 3/8-16 HEX
11	5025055X14	2	BOLT- 5/16-18 X 1-3/4 GD5 TFL
12	5025032	2	NUT, 5/16-18 HEX
13	5050878X4	2	CHAIN, 5/16" GD30, 4 LINKS

61" Mower Deck - Housing, Covers, Spindles & Blades (2 Belt System)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5304614



61" Mower Deck - Housing, Covers, Spindles & Blades (2 Belt System)

REF NO	PART NO	QTY	DESCRIPTION
1	5600973	1	DECK SHELL W/DECALS, 61, 2100Z (5414870B) -(USA Models Only S/N: 2017954955 & Below)
1	5601110	1	DECK SHELL W/ DECALS, IS2100Z-61 (5416995B) -(USA Models Only S/N: 2017954956 & Above)(Refer to Note: *)
1	5600985	1	DECK SHELL W/DECALS, 61, 2100ZSD,EXP (5414870B) -(Export Models Only S/N: 2017954955 & Below)
1	5601119		DECK SHELL W/DECALS, 2100-61E (5416995B) -(Export Models Only S/N: 2017954956 & Above)(Refer to Note: *)
2	5413499	1	CHUTE, RUBBER DISCHARGE (5104442) -(5104442)
3	5413387A	1	WELD, MOUNT, DISCHARGE CHUTE - BLK
4	5413385A	1	SUPPORT, DISCHARGE CHUTE - BLK
5	5025394	21	NUT, 3/8 - 16 HEX NYLOCK FLANGE
6	5025146X12	3	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
7	5104744	3	SPINDLE ASSM, CAST IRON 8.0-6 BOLT, LS
8	5415574B	1	GUARD, MOWER DECK, IS2100-61, RH - RED
9	5415575B	1	GUARD, MOWER DECK, IS2100-61, LH - RED
10	5101755S	1	BLADE SET, 61 DECK (3) -(SET OF 3 BLADES)
11	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
12	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8 -(Torque blade mounting bolts to 120 ft-lbs (163 Nm))
13	5401344A	1	PLATE, DEFLECTOR - BLK
14	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
15	5025390X8	18	BOLT, Flange, 3/8-16 X 1 -(Torque spindle mounting bolts to 30 ft-lbs (41 Nm))
16	5022308	6	BODY CLIP, 5/16-18 7GA. MATERIAL
17	5025155	8	WASHER, 5/16" SAE
18	5061300	1	ROD, MOUNT, CHUTE, 61, CZ
19	5025045	2	NUT, Hex, Nylon Lock, 5/16-24
20	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
21	5025011X6	7	BOLT, 5/16-18 X 3/4 GD5
22	5101005	1	SAFETY WALK, 9.75 X 6.00

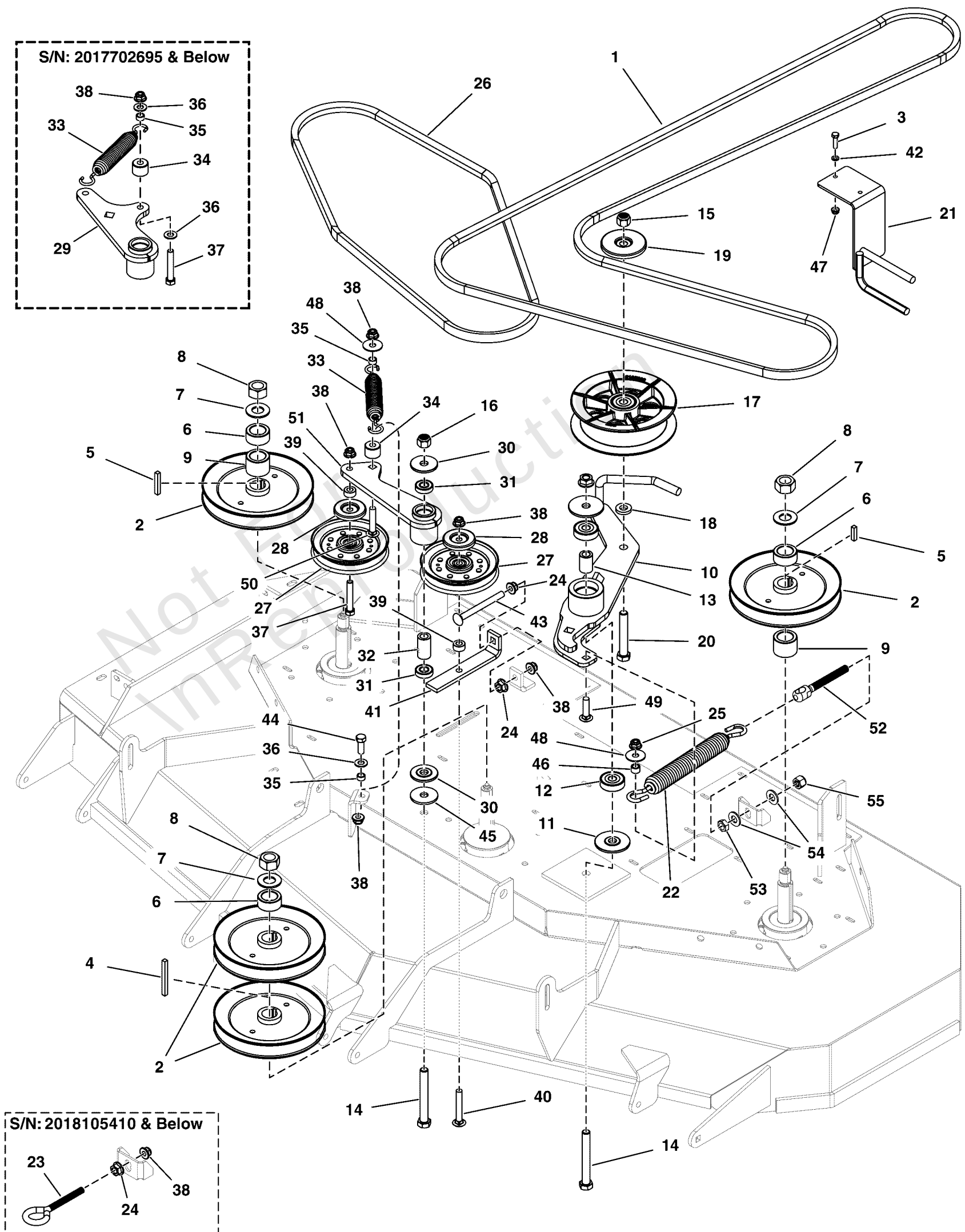
Footnotes:

Note: * If replacing the deck shell with decals on units in serial number range 2017954956 - 2018105410, you must also order 5105844 - Qty: 1, 5025098 - Qty: 1, 5025089 - Qty: 1, 5025158 - Qty: 2.

61" Mower Deck - Pulleys, Belts & Idler Arms (2 Belt System)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578



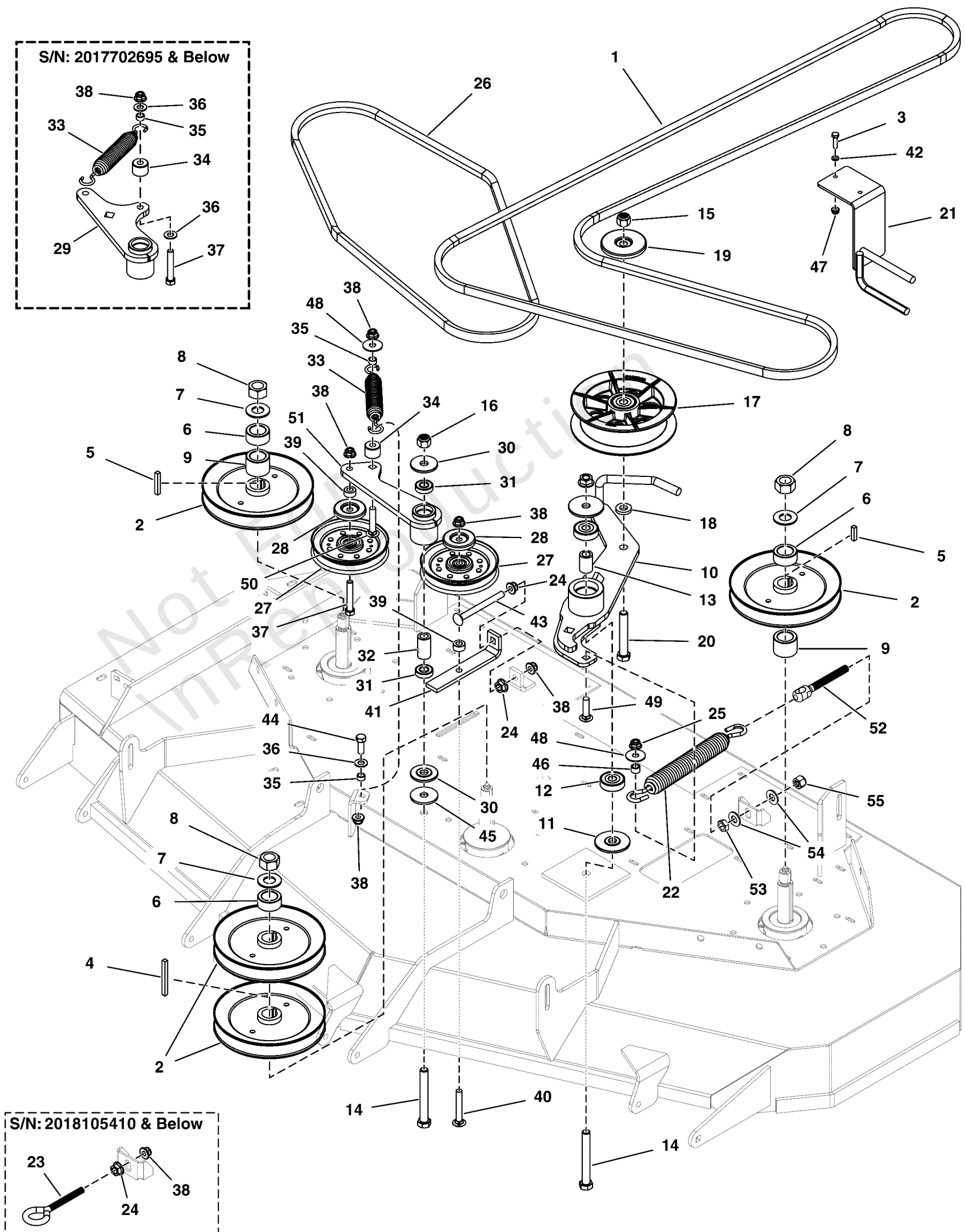
61" Mower Deck - Pulleys, Belts & Idler Arms (2 Belt System)

REF NO	PART NO	QTY	DESCRIPTION
1	5104982	1	BELT, 5V/SPB, 138.50 EL, LG ARAMID, WRPD
2	5105004	4	PULLEY, SPNDL, 7.032"OB X .985"ID
3	5025010X8	2	BOLT, 1/4-20 X 1" GD5 CZ
4	5050407X18	1	KEY, 1/4 SQ. x 2-1/4
5	5050407X8	2	KEY, 1/4" SQ. X 1.00"
6	5105047	3	SPACER, 1.00 X 1.50 X .70, BZ
7	5025406	3	WASHER, 3/4 BELLEVILLE CL/ZC
8	5025405	3	NUT, 3/4-16 Hex
9	5105048	2	SPACER, 1.00 X 1.50 X 1.14, BZ
10	5415288A	1	WELD, IDLER ARM, DECK DRIVE - BLK
11	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
12	5104383	2	BEARING, 6203-1/2", SEALED
13	5104456	1	SPACER, .51 X .84 X 1.22, PM, CZ
14	5025017X32	2	BOLT, 1/2-13 X 4" GD5 CZ
15	5025056	1	NUT, Hex, Nylon Lock, 1/2-13
16	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
17	5105009	1	PULLEY, IDLER, 5.50, CI, DBL BEARING
18	5100520	1	SPACER, .52 X 1.00 X .22, PM, CZ
19	5105041	1	SHIELD, PULLEY, 1/2"ID X 2-7/8"OD, CZ
20	5025017X26	1	BOLT, 1/2-13 X 3-1/4, HEX HD, GD5, CZ (SV)
21	5415993A	1	WELD, CLUTCH, BELT GUIDE - BLK
22	5105068	1	SPRING, EXT1.22"ODX10.5"FLX.192"WIRE BLK
23	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ -(S/N: 2018105410 & Below)
24	5025128	2	NUT, 3/8-16 Hex Large Serrated Flange -(Qty: 3 - S/N: 2018105410 & Below)
25	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
26	5104780	1	BELT, B-SEC, 64.00 EL, ARAMID, WRPD
27	5108772	2	PULLEY, V-IDLER, 5"OD X 3/8", CZ, TE
28	5105033	2	SHIELD, PULLEY, 3/8"ID X 2"OD, CZ
29	-----	1	REPLACE W/ 5416161A & 5025146X16 -(S/N: 2017702695 & Below)
30	5103262	2	SPACER, IDLER ARM, 1/2, PM
31	7078243	2	BEARING, BALL, AXLE
32	5103812	1	SPACER, .52 X .84 X 1.53, PM
33	5022847	1	SPRING-EXT, 1.04 ODX6.935LGX.148WR, BLK
34	5043815	1	SPACER, .39 X 1.00 X .75, CZ
35	5041930	2	SPACER, .38 X .50 X .27, CZ
36	5025156	1	WASHER, 3/8 SAE -(Qty: 3 - S/N: 2017702695 & Below)
37	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ -(Qty: 2 - S/N: 2017702695 & Below)
38	5025394	4	NUT, 3/8 - 16 HEX NYLOCK FLANGE -(Qty: 5 - S/N: 2018105410 & Below)
39	5105429	2	SPACER, .39 X 1.00 X .38
40	5025146X20	1	BOLT, 3/8-16 X 2-1/2, CARRIAGE, GD5, CZ
41	5415374A	1	PLATE, IDLER PULLER - BLK
42	5025154	2	WASHER, 1/4 SAE
43	5025146X36	1	BOLT, 3/8-16 X 4-1/2, CARRIAGE, GD5, CZ
44	5025013X8	1	BOLT, 3/8-16 X 1" GD5 CZ
45	5103282	1	WASHER, .52 X 1.75 X 0.14, CZ
46	5105297	1	SPACER, .39 X .63 X .375M DOM CZ
47	5025391	2	NUT, 1/4-20 Hex Nylock Flange

61" Mower Deck - Pulleys, Belts & Idler Arms (2 Belt System)

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Mfg. No: 5901578



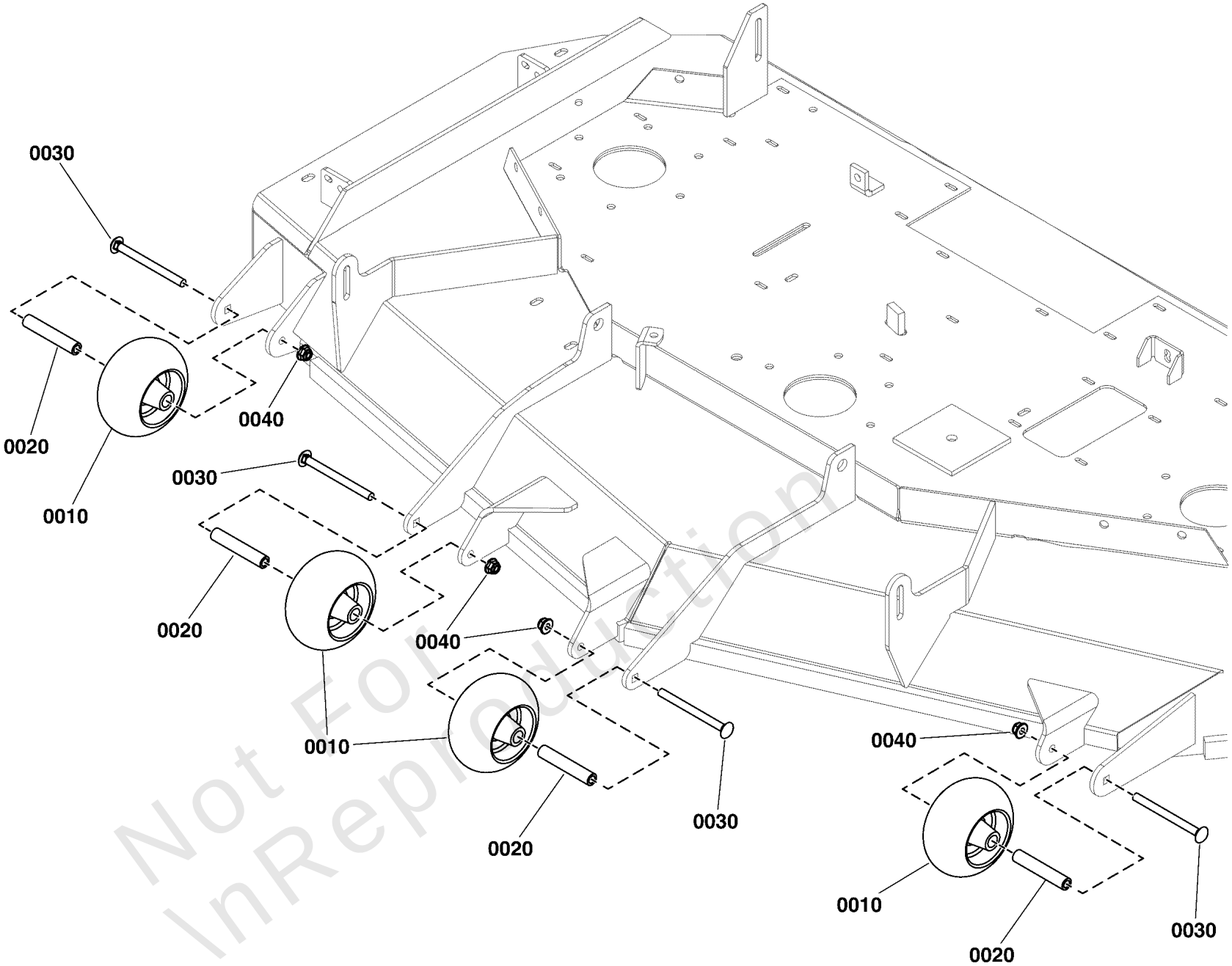
61" Mower Deck - Pulleys, Belts & Idler Arms (2 Belt System)

REF NO	PART NO	QTY	DESCRIPTION
48	5025165	2	WASHER, 3/8" Fender
49	5025146X12	1	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
50	5025146X16	1	BOLT, 3/8-16 X 2, CARRIAGE, GD5, CZ -(S/N: 2017702696 & Above)
51	5416161A	1	WELD, IDLER ARM, 2 BELT DRIVE - BLK -(S/N: 2017702696 & Above)
52	5105844	1	SPRING PULLER, 1/2-20, 5.00 -(S/N: 2018105411 & Above)
53	5025089	1	NUT, 1/2-20 Hex Jam -(S/N: 2018105411 & Above)
54	5025158	2	WASHER, 1/2 SAE -(S/N: 2018105411 & Above)
55	5025098	1	NUT, Hex, Nylon Lock, 1/2-20 -(S/N: 2018105411 & Above)

61" Mower Deck Group - Rollers S/N: 2017954956 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578



61" Mower Deck Group - Rollers S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
0010	5105521	4	WHEEL, ANTI SCALP, 5"
0020	5105554	4	SPACER, .38 X .63 X 3.38, CZ
0030	5025146X36	4	BOLT, 3/8-16 X 4-1/2, CARRIAGE, GD5, CZ
0040	5025394	4	NUT, 3/8 - 16 HEX NYLOCK FLANGE

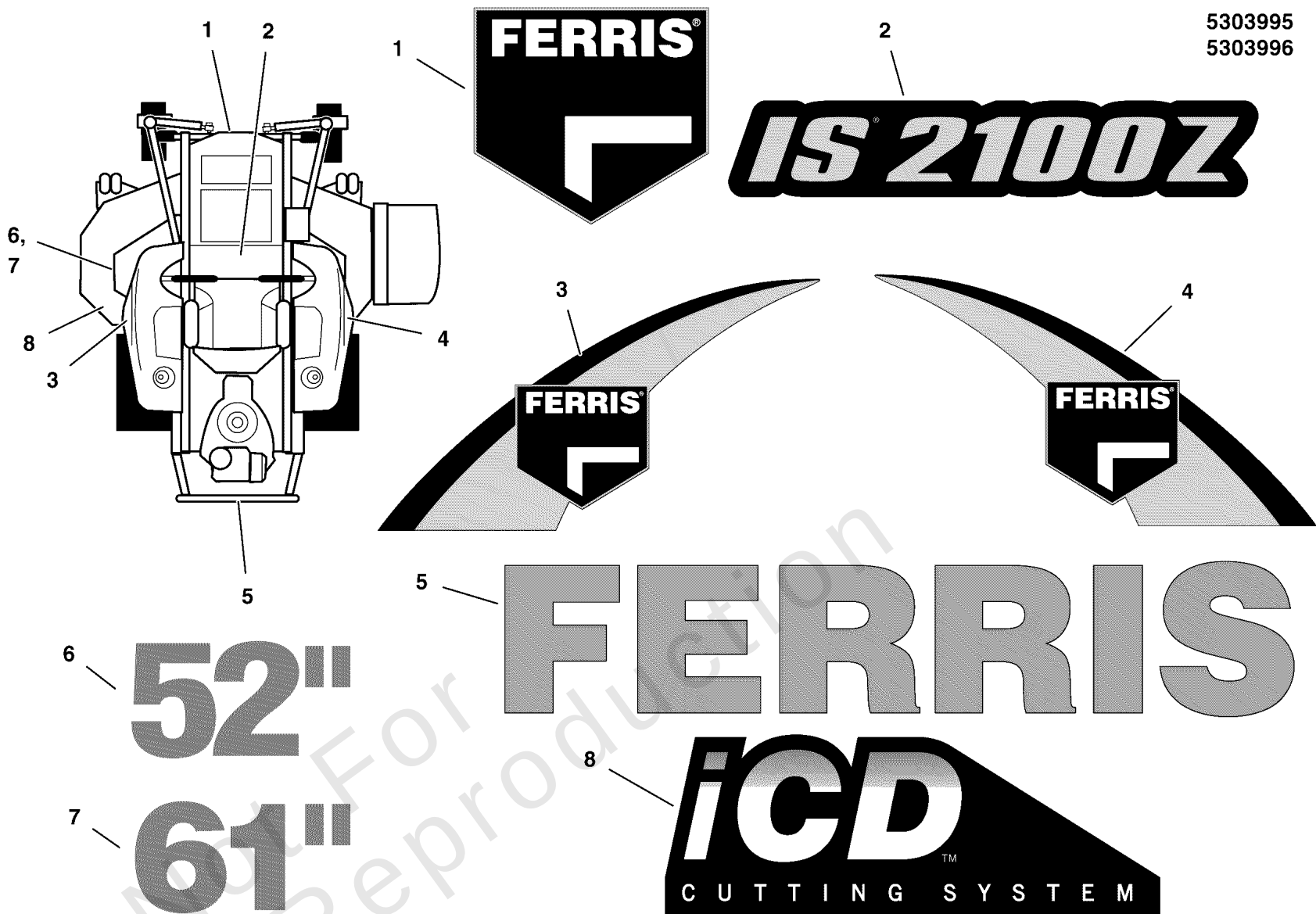
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Decal Group - Brand & Model

Note: Unless noted otherwise, use the standard torque specifications

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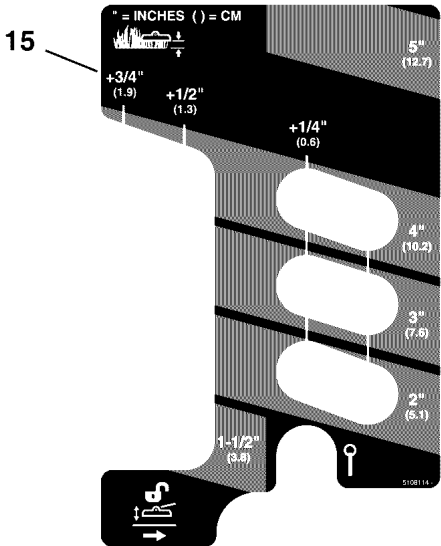
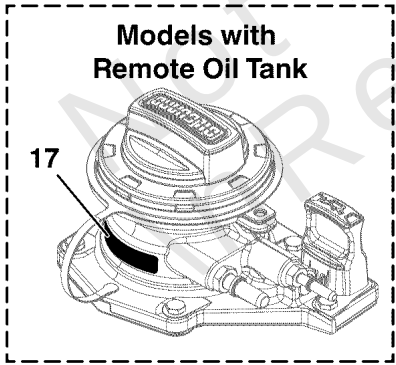
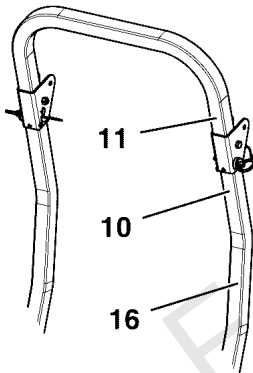
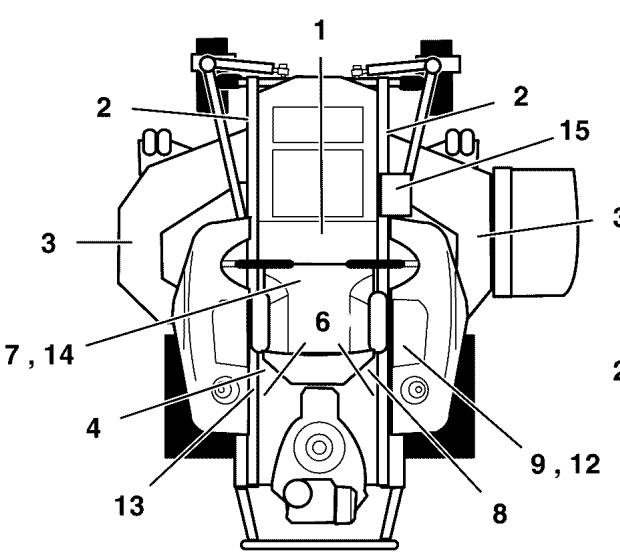
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Decal Group - Brand & Model

REF NO	PART NO	QTY	DESCRIPTION
1	5104756	1	DECAL, FERRIS LOGO, SMALL
2	5104760	1	DECAL, MODEL, IS2100Z
3	5104751	1	DECAL, TANK, MED, LH, FERRIS
4	5104752	1	DECAL, TANK, MED, RH, FERRIS
5	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
6	5022812	1	DECAL, 52 -(52" Models Only)
7	5022813	1	DECAL, 61 -(61" Models Only)
8	5102210	1	DECAL, iCD CUTTING SYSTEM

5304894
5304895



WARNING

Avoid serious injury or death

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

Fire Hazard

Gasoline is flammable. Debris is combustible.

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

DANGER

Amputation hazard

Rotating blades cut off arms and legs.

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

Loss of control and roll-over hazard

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

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

15" Max.

Water, retaining walls and drop-off hazards

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

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

Wet or soft slope hazard

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

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

WARNING

PINCH POINT

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

DANGER

Amputation and thrown objects hazard

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

WARNING

Amputation and Pinch Point Hazard

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

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

WARNING

Avoid serious injury or death from rollover.

Do not operate without the rollbar installed and operational.

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	5103907
52" Mower	
Deck Drive Belt - Long LH	5105029
Deck Drive Belt - Short RH	5105037
Mower Blade	5101756S
61" Mower	
Deck Drive Belt - Long LH	5104982
Deck Drive Belt - Short RH	5104780
Mower Blade	5101755S

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

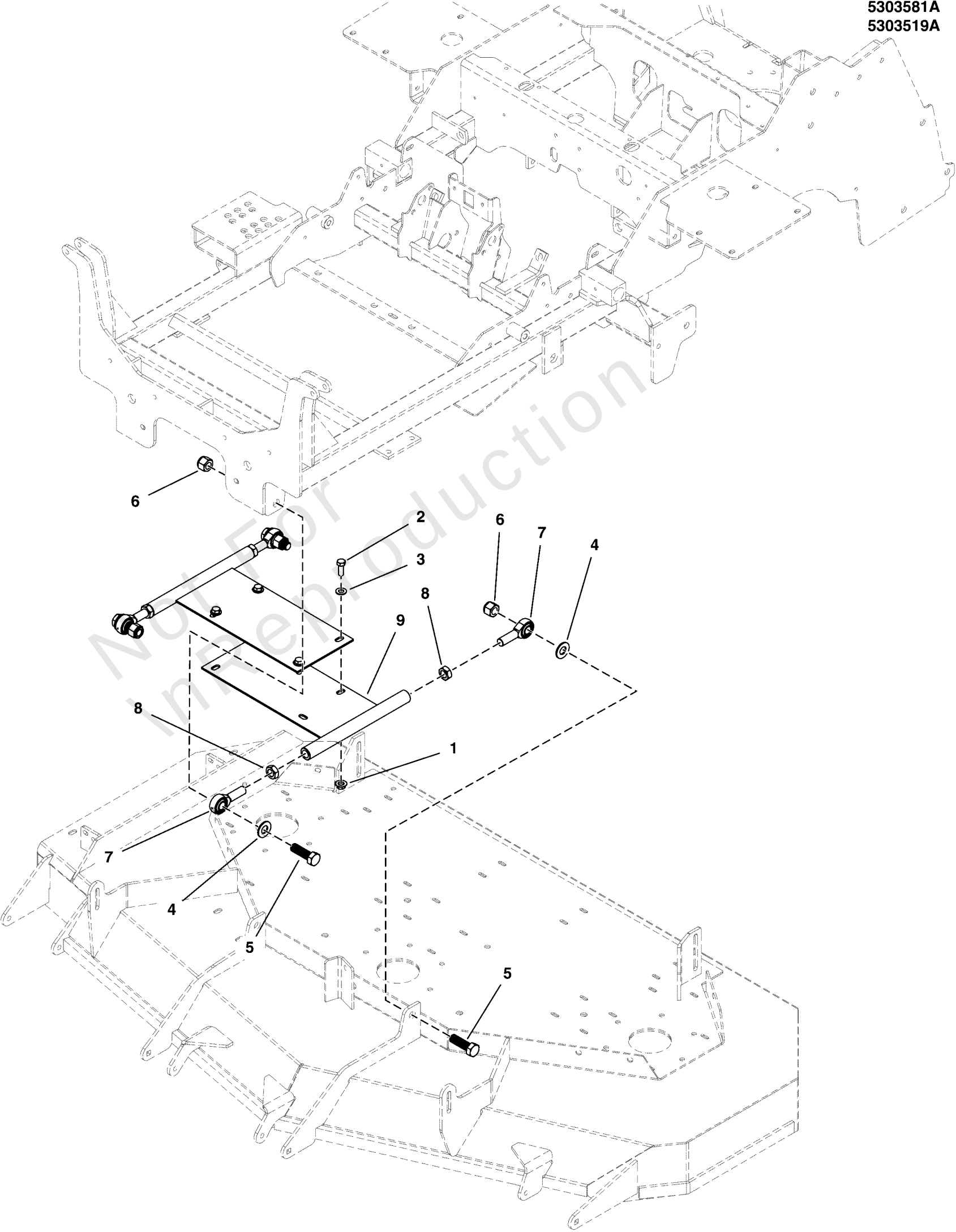
REF NO	PART NO	QTY	DESCRIPTION
1	5103595	1	DECAL, MAIN SAFETY -(S/N: 4000015530 & Below)
1	5106563	1	DECAL, MAIN SAFETY -(S/N: 4000015331 & Above)
2	5061245	2	DECAL, PINCH POINT -(Qty: 1 - 52" Models)
3	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
4	5103184	1	DECAL, WARNING, HAND IN BELT, ENG ONLY
5	5103619	1	DECAL, MANUAL AVAIL IN SPANISH
6	5100683	2	DECAL, WARNING, ROLL BAR -(Located on the front of the Roll bar pocket)
7	5104434	1	DECAL, TRANSAXLE RELEASE, ZT440
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
14	5105191	1	DECAL, BELT & BLADE IS2100Z COBALT 2BELT
15	5108114	1	DECAL, CUTTING HEIGHT
16	5104083	1	DECAL, CAUTION, FOLDING ROPS
17	-----	1	LABEL, OIL INFORMATION -(Models w/ Remote Oil Tank)

Deck Lift Group - Puller Bar

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303581A
5303519A



Deck Lift Group - Puller Bar

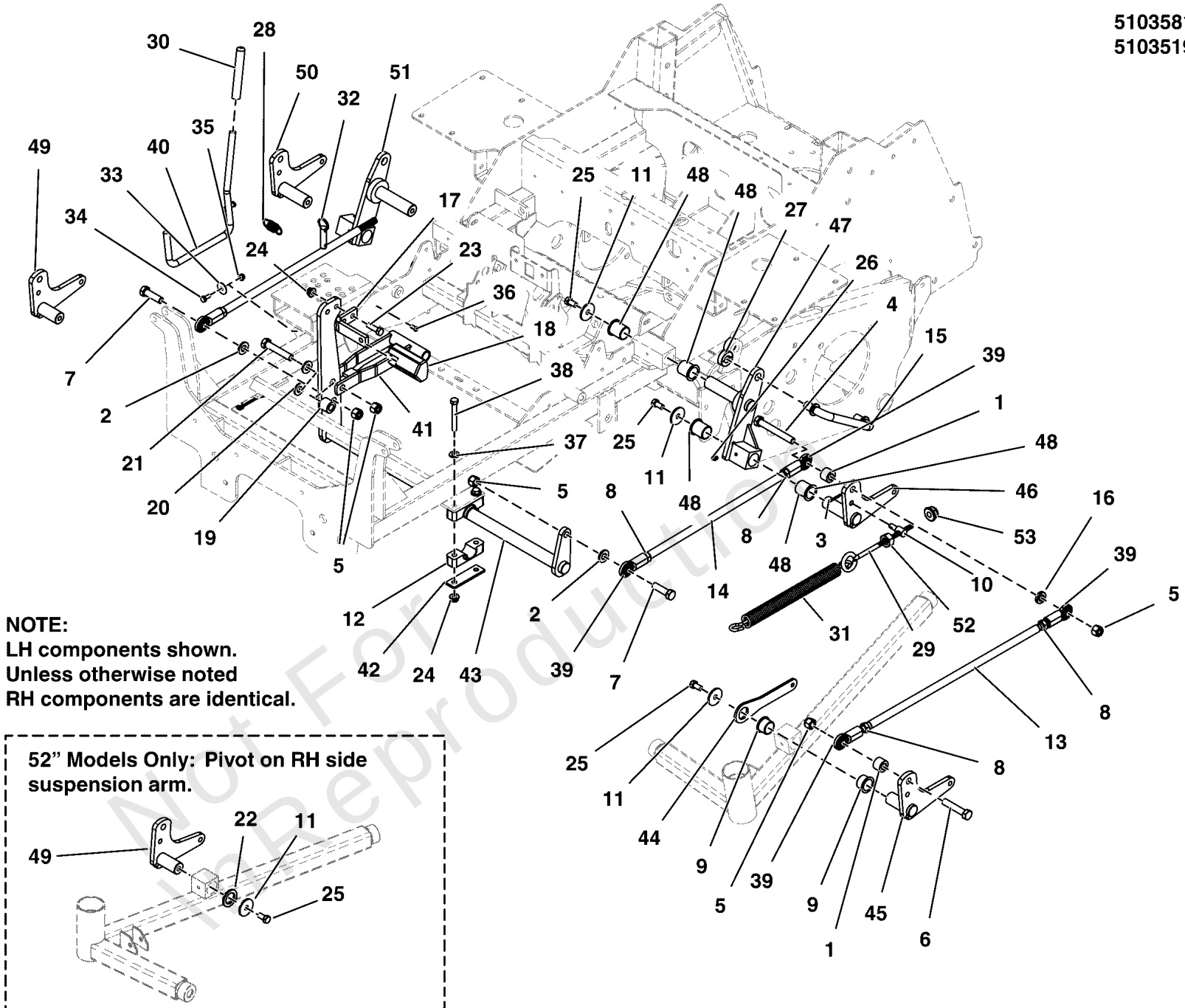
REF NO	PART NO	QTY	DESCRIPTION
1	5025128	4	NUT, 3/8-16 HEX SERRATED FLANGE
2	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
3	5025293	4	WASHER, 3/8 GD.9 FLAT
4	5025281	4	WASHER, 5/8 SAE
5	5025019X16	4	BOLT, 5/8-11 X 2 GD5, CZ
6	5025403	4	NUT,5/8-11 HEX NYLON LOCK
7	5102683	4	BALL JOINT, 5/8-18, MALE
8	5025454	4	NUT, 5/8-18, HEX JAM
9	5411858A	2	WELD, DECK STABILIZER, IS2100Z - BLK

Deck Lift Group S/N: 2017954955 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

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5103519



Deck Lift Group S/N: 2017954955 & Below

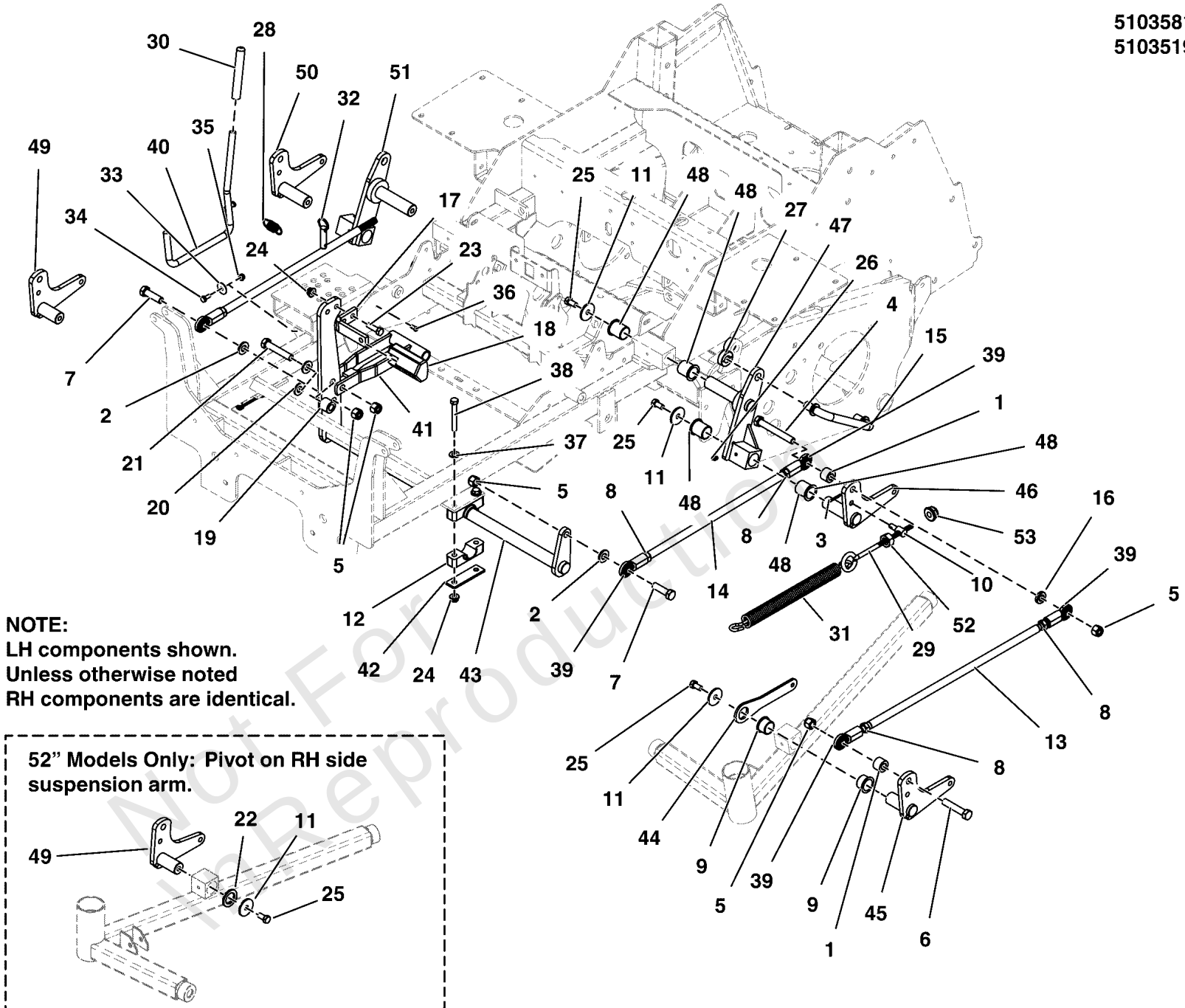
REF NO	PART NO	QTY	DESCRIPTION
1	5045178	4	SPACER, .52 X 1.00 X .75, CZ
2	5025440	4	WASHER, 1/2" GD9 YZ
3	5025203X6	2	PIN, COTTER, 1/8 X 3/4 -(Qty: 1 on 52" Models)
4	5025017X28	2	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
5	5025056	7	NUT, 1/2-13 HEX NYLON LOCK
6	5025017X20	2	BOLT, 1/2-13 X 2-1/2" GD5 CZ
7	5025017X14	2	BOLT, 1/2-13 X 1-3/4 GD5 CZ
8	5025089	8	NUT, 1/2-20 HEX JAM
9	5023356	4	BUSHING, 1.00X1.13X.75, PLA
10	5100380	2	ADJUSTER, DECK HANGER -(Qty: 1 on 52" Models)
11	5100548	6	WASHER, .390 X 1.50 X .109, YZ
12	5100634	4	PIVOT BLOCK, PLASTIC
13	5104004	2	ROD, 1/2-20 X 24.50
14	5103758	2	ROD, DECK LIFT, 19.25, CZ
15	5103703	2	ROD, SUSPENSION LINK, IS700, CZ
16	5100520	2	SPACER, .52 X 1.00 X .22, CZ
17	5061569A	1	PEDAL, FOOT - BLK
18	5104262	1	PEDAL, Rubber
19	5044673	1	SPACER, .52 X 1.00 X .88, CZ
20	5025158	6	WASHER, 1/2 SAE
21	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 CZ
22	5020929	1	SHIM, 1.0 X 1.5 X 0.125 -(52" Models Only)
23	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
24	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
25	5025443	6	BOLT, 3/8-16 X 3/4, PLT W/PATCH
26	5020095	2	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 -(Qty: 1 on 52" Models)
30	5021880	1	GRIP, FOAM, .475 X 4.35 X .095
31	5023355	2	SPRING-EXT, 1.00 ODX13.25LGX.177WR, BLK -(Qty: 1 on 52" 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	WELD, DECK HEIGHT LINK - BLK
42	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
43	5410897B	1	WELD, DECK LIFT SHAFT - RED
44	5411634B	2	MOUNT, SPRING, DECK LIFT - RED -(Qty: 1 on 52" Models)
45	5401661B	1	WELD, DECK LIFT LEVER, LH - RED
46	5401671A	1	WELD, DECK LIFT LEVER, LH - BLK
47	5401664A	1	WELD, REAR LIFT - LH - BLK

Deck Lift Group S/N: 2017954955 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5103581
5103519



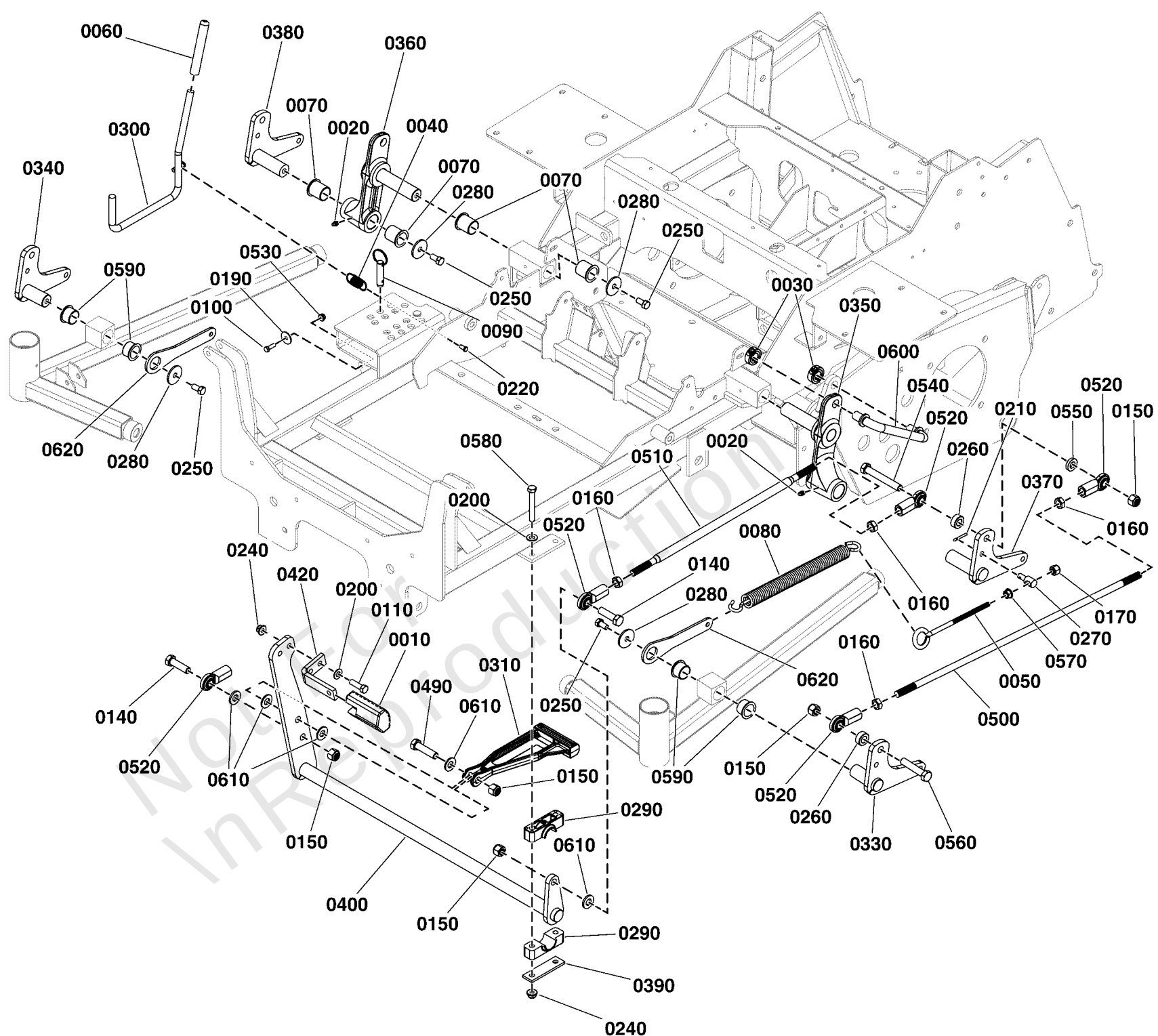
Deck Lift Group S/N: 2017954955 & Below

REF NO	PART NO	QTY	DESCRIPTION
48	5023343	8	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
49	5401662B	1	WELD, DECK LIFT LEVER, RH - RED
50	5401672A	1	WELD, DECK LIFT LEVER, RH - BLK
51	5401665A	1	WELD, REAR LIFT - RH - BLK
52	5025034	2	NUT, 3/8-16 HEX -(Qty: 1 on 52" Models)
53	5025096	2	NUT, 3/8-16 HEX NYLON LOCK -(Qty: 1 on 52" Models)

Deck Lift Group S/N: 2017954956 & Above

Note: Unless noted otherwise, use the standard torque specifications

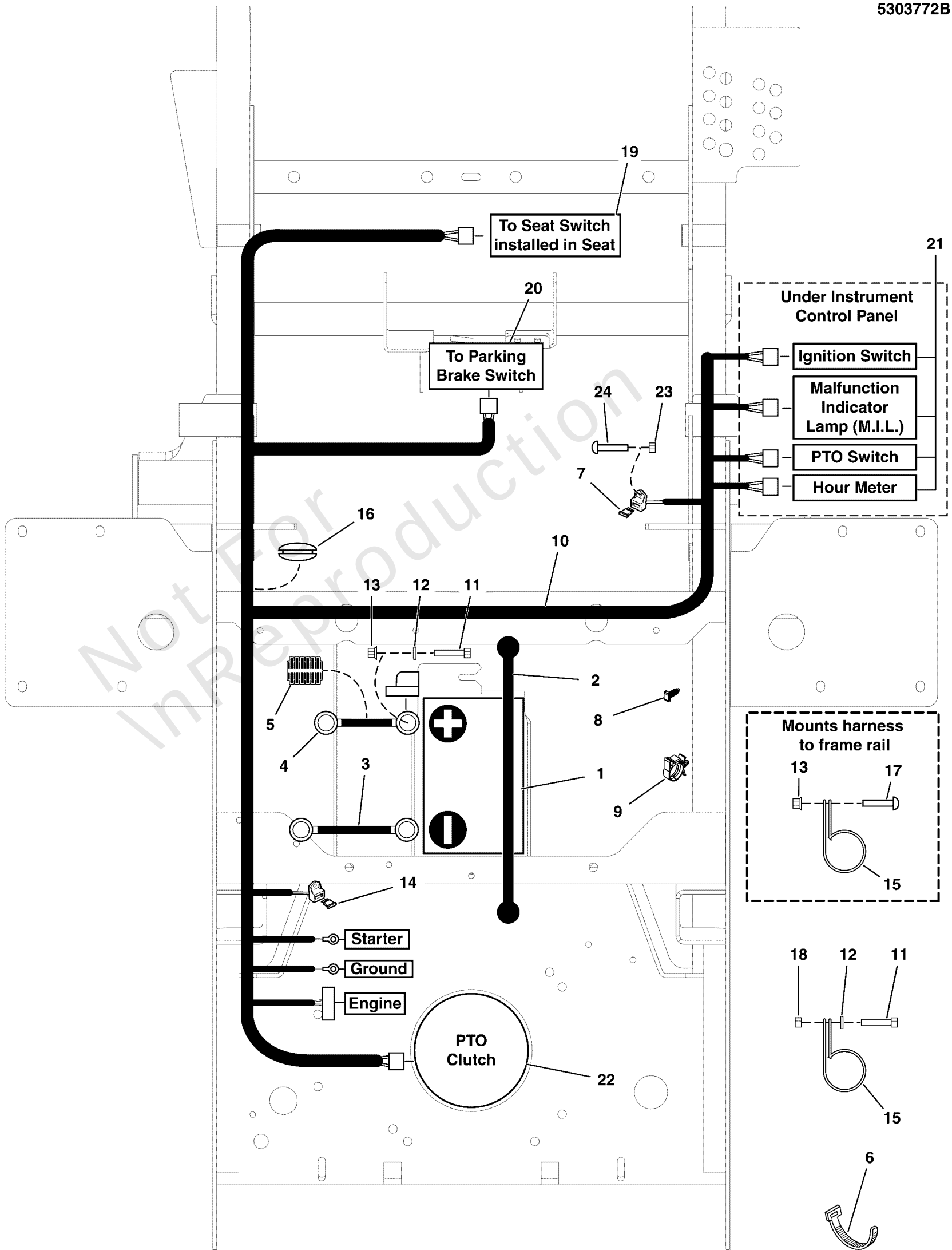
Mfg. No: 5901578



Deck Lift Group S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
0010	5104262	1	PEDAL, Rubber
0020	5020095	2	GREASE FITTING, 1/4-28 Straight
0030	5020441	4	COLLAR, 5/8" Split
0040	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
0050	5021811	2	EYE BOLT, 3/8-16 X 8, 3THRD, 1EYE, CZ
0060	5021880	1	GRIP, FOAM, .475 X 4.35 X .095
0070	5023343	8	BUSHING, 1.00 X 1.13 X 1.38, Plastic
0080	5023355	2	SPRING-EXT, 1.00 ODX13.25LGX.177WR, BLK
0090	5023498	1	PIN, HITCH, 1/2 X 2.00 OAL, YP
0100	-----	2	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
0110	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
0140	5025017X14	2	BOLT, 1/2-13 X 1-3/4 GD5 CZ
0150	5025056	7	NUT, Hex, Nylon Lock, 1/2-13
0160	5025089	8	NUT, 1/2-20 Hex Jam
0170	5025096	2	NUT, Hex, Nylon Locking, 3/8-16
0190	5025288	2	WASHER, 1/4" Fender
0200	5025156	8	WASHER, 3/8 SAE
0210	5025203X6	2	* PIN, COTTER, 1/8" X 3/4
0220	5025212X4	1	PIN, CLEVIS, 1/4 X 1/2, PLATED
0240	5025394	6	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0250	5025443	6	BOLT, 3/8-16 X 3/4, PLT W/PATCH
0260	5045023	4	SPACER, .52 X 1.00 X .44, CZ
0270	5100380	2	* ADJUSTER, DECK HANGER
0280	5100548	6	WASHER, .390 X 1.50 X .109, YZ
0290	5100634	4	PIVOT BLOCK, PLASTIC
0300	5410317A	1	WELD, Rod, Deck Lift - BLK
0310	5104133	1	LINK, DECK LIFT, CAST IRON
0330	5401661A	1	WELD, DECK LIFT LEVER, LH - BLK
0340	5401662A	1	WELD, DECK LIFT LEVER, RH - BLK
0350	5105172	1	ASSM, DECK COMP LINK, LH-CAST
0360	5105173	1	ASSM, DECK COMP LINK, RH-CAST
0370	5401671A	1	WELD, DECK LIFT LEVER, LH - BLK
0380	5401672A	1	WELD, DECK LIFT LEVER, RH - BLK
0390	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
0400	5410897A	1	WELD, DECK LIFT SHAFT - BLK
0420	5061569A	1	PEDAL, FOOT - BLK
0490	5025017X16	1	BOLT, 1/2-13 X 2" GD5 CZ
0500	5104004	2	ROD, 1/2-20 X 24.50
0510	5103758	2	ROD, DECK LIFT, 19.25, CZ
0520	1702779	8	JOINT-BALL .500-20 THD .500ID, CLR ZINC
0530	5025391	2	NUT, 1/4-20 Hex Nylock Flange
0540	5025017X26	2	BOLT, 1/2-13 X 3-1/4, HEX HD, GD5, CZ (SV)
0550	5100520	2	SPACER, .52 X 1.00 X .22, PM, CZ
0560	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 CZ
0570	5025034	2	NUT, 3/8-16 HEX, YZ
0580	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ
0590	5023356	4	BUSHING, 1.00 X 1.13 X .75, PLASTIC
0600	5103703	2	ROD, SUSPENSION LINK, IS700, CZ
0610	5025158	7	WASHER, 1/2 SAE
0620	5411634A	2	MOUNT, SPRING, DECK LIFT - BLK

5303772B



Electrical Group - Briggs & Stratton Engines

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	BATTERY, WET (BCIU1, 340 CCA)
2	1722009	1	STRAP, BATTERY, 14 LONG, Rubber
3	5047690	1	BATTERY CABLE, NEG, 14, 5/16-13/32
4	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
5	5050927X16	1	WIRE LOOM, 3/8 ID X 16 IN
6	5021029	13	TIE, SELF-LOCKING, 12"
7	5102710	1	FUSE, ATO, 25 AMP -(SV)
8	5103761	2	FIR TREE MOUNT, PACKARD -(S/N: 2017954955 & Below)
9	5104705	2	ROSEBUD LOOM CLIP
10	5416015	1	WIRE HARNESS, MAIN, LG, ZTR -(S/N: 2017954955 & Below)
10	5105535	1	HARNESS, Wiring, Large ZTR -(S/N: 2017954956 & Above)
11	5025010X6	3	BOLT, 1/4"-20 X 3/4" GD5 YZ
12	5025154	3	WASHER, 1/4 SAE
13	5025126	4	NUT, Hex, Serrated Flange, 1/4-20
14	5101935	2	FUSE, ATO-15 (15 AMP)(SV) -(SV)
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
15	5101932	2	CLAMP, VINYL INSULATED, .625 -(CE Models Only)
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: Engine & PTO Group
22	-----	1	Refer to: Instrument Control Panel Group
23	5025179X4	2	SCREW, #10-24 X 1/2" ROUND PHILLIPS -(S/N: 2017954956 & Above)
24	5025271	2	NUT, Hex, Nylon Lock, #10-24 -(S/N: 2017954956 & Above)

Electrical Schematic - Charging Circuit - B&S 49E877 EFI S/N: 2017954955 & Below

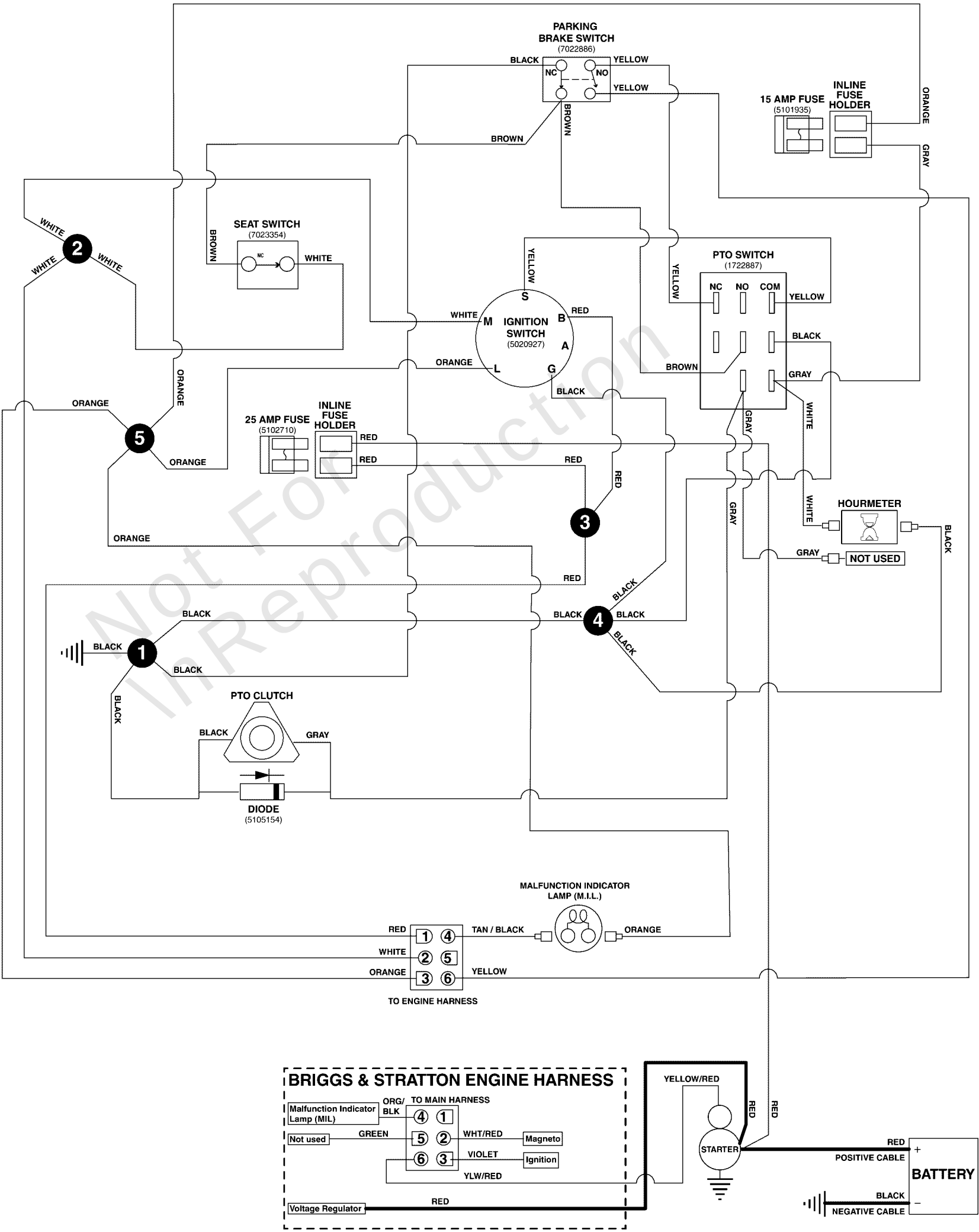
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5416015 (5415564) MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 EFI ENGINES

5416015A

(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 - B&S 49E877 EFI S/N: 2017954955 & Below

REF NO	PART NO	QTY	DESCRIPTION
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Not For In Reproduction

Electrical Schematic - Charging Circuit - B&S 49E877 EFI S/N: 2017954956 & Above

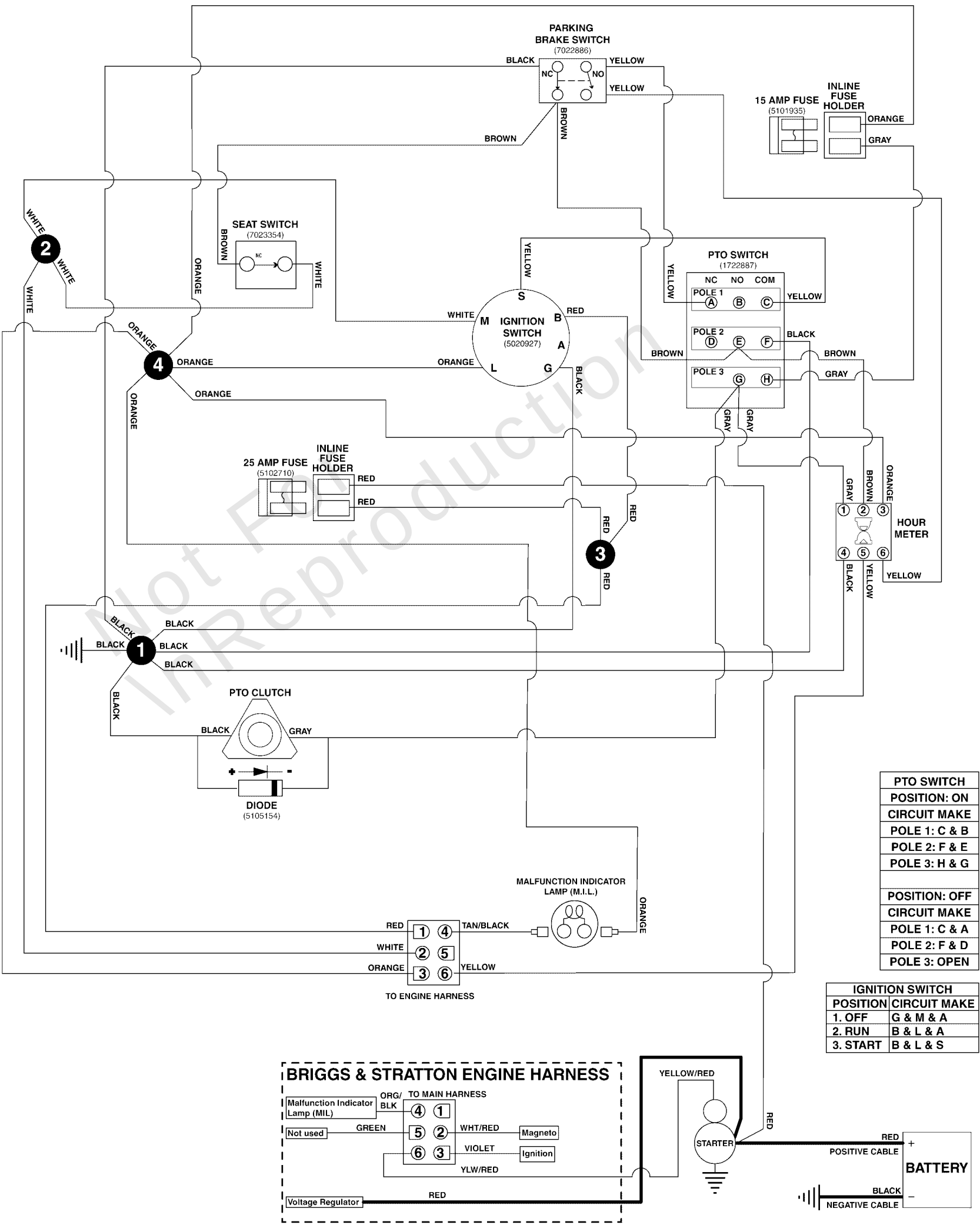
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5105535E

(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 - B&S 49E877 EFI S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
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Not For In Reproduction

Electrical Schematic - Cranking Circuit - B&S 49E877 EFI S/N: 2017954955 & Below

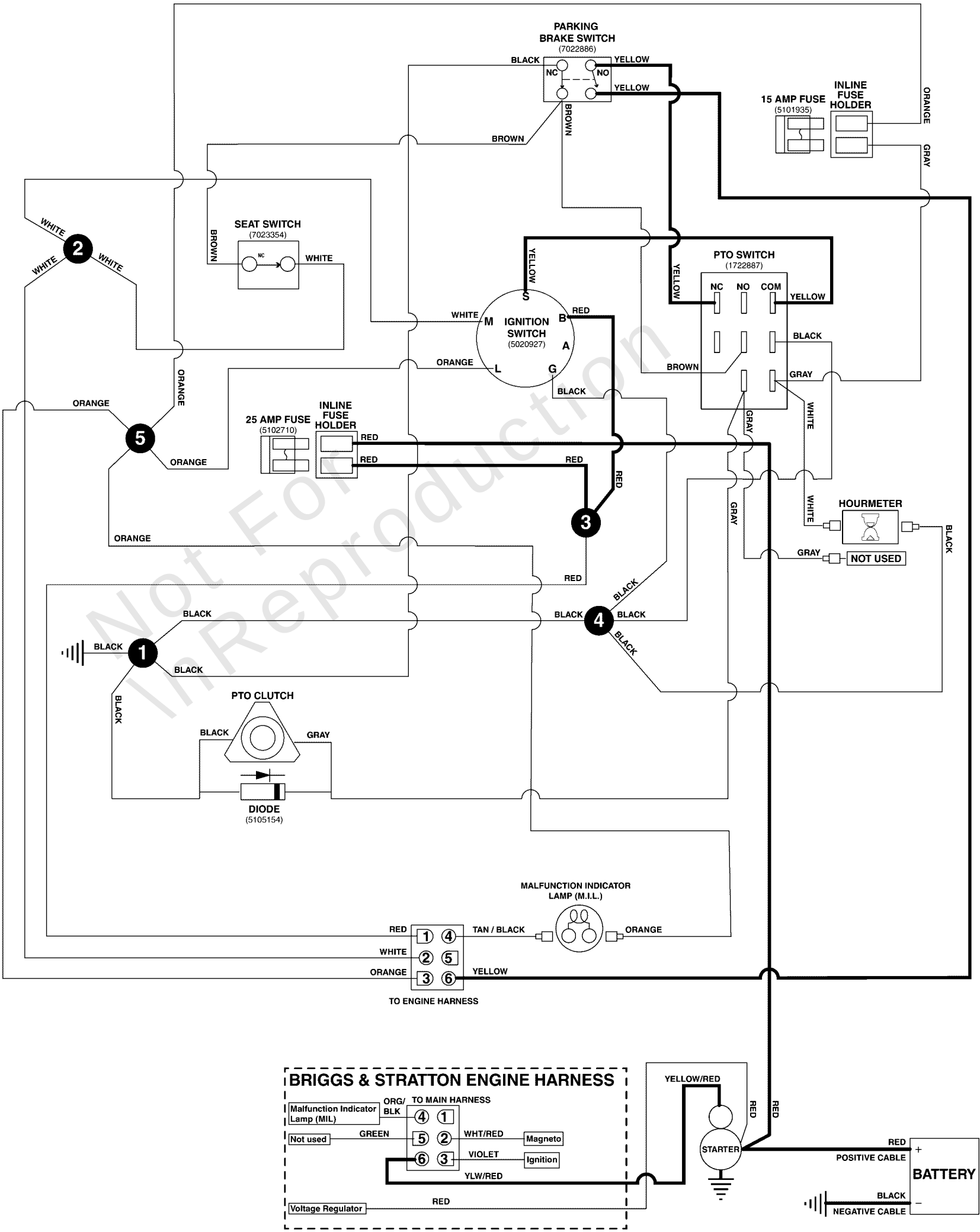
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5416015 (5415564) MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 EFI ENGINES

5416015A

(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 - B&S 49E877 EFI S/N: 2017954955 & Below

REF NO	PART NO	QTY	DESCRIPTION
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Not For In Reproduction

Electrical Schematic - Cranking Circuit - B&S 49E877 EFI S/N: 2017954956 & Above

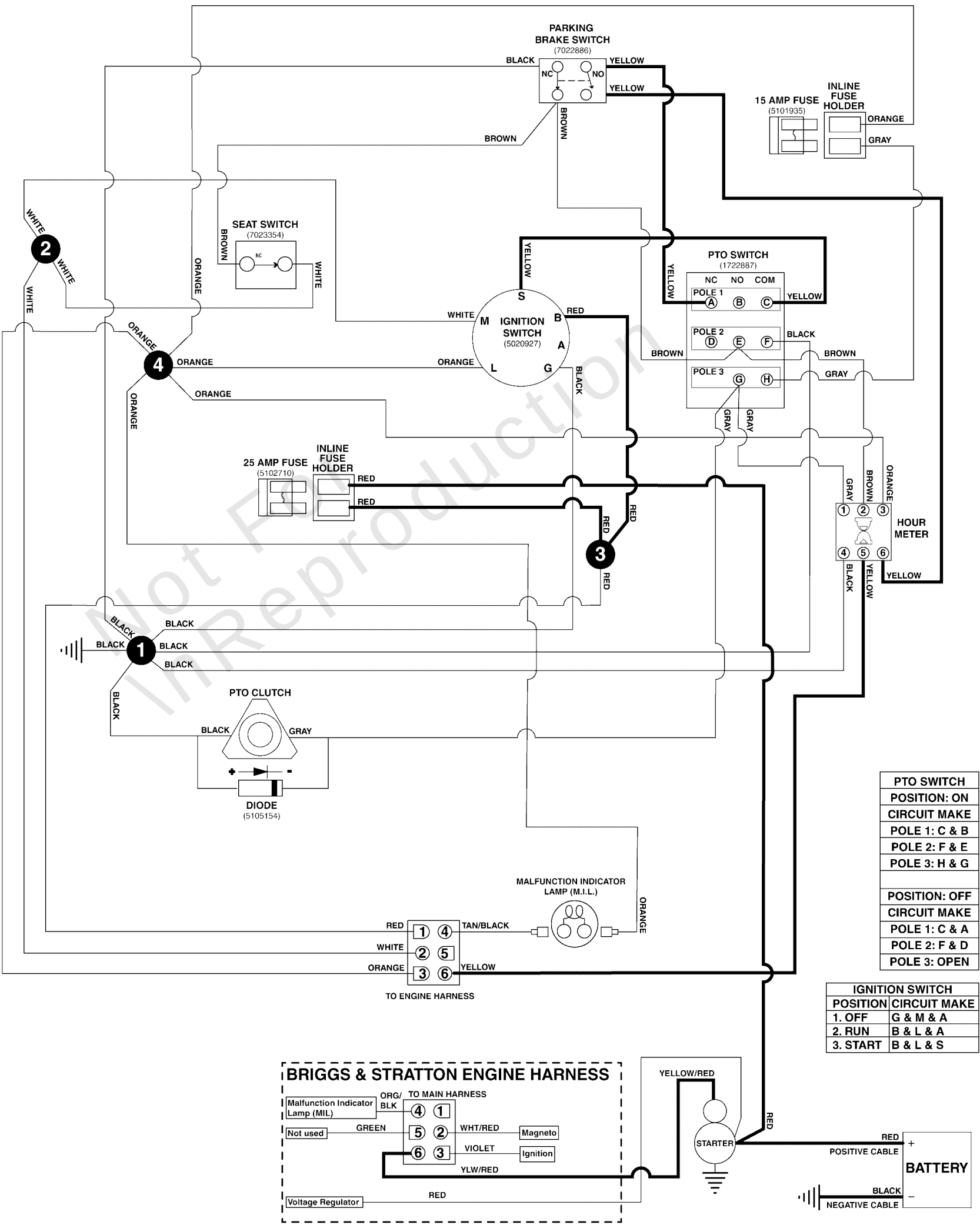
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5105535E

(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 - B&S 49E877 EFI S/N: 2017954956 & Above

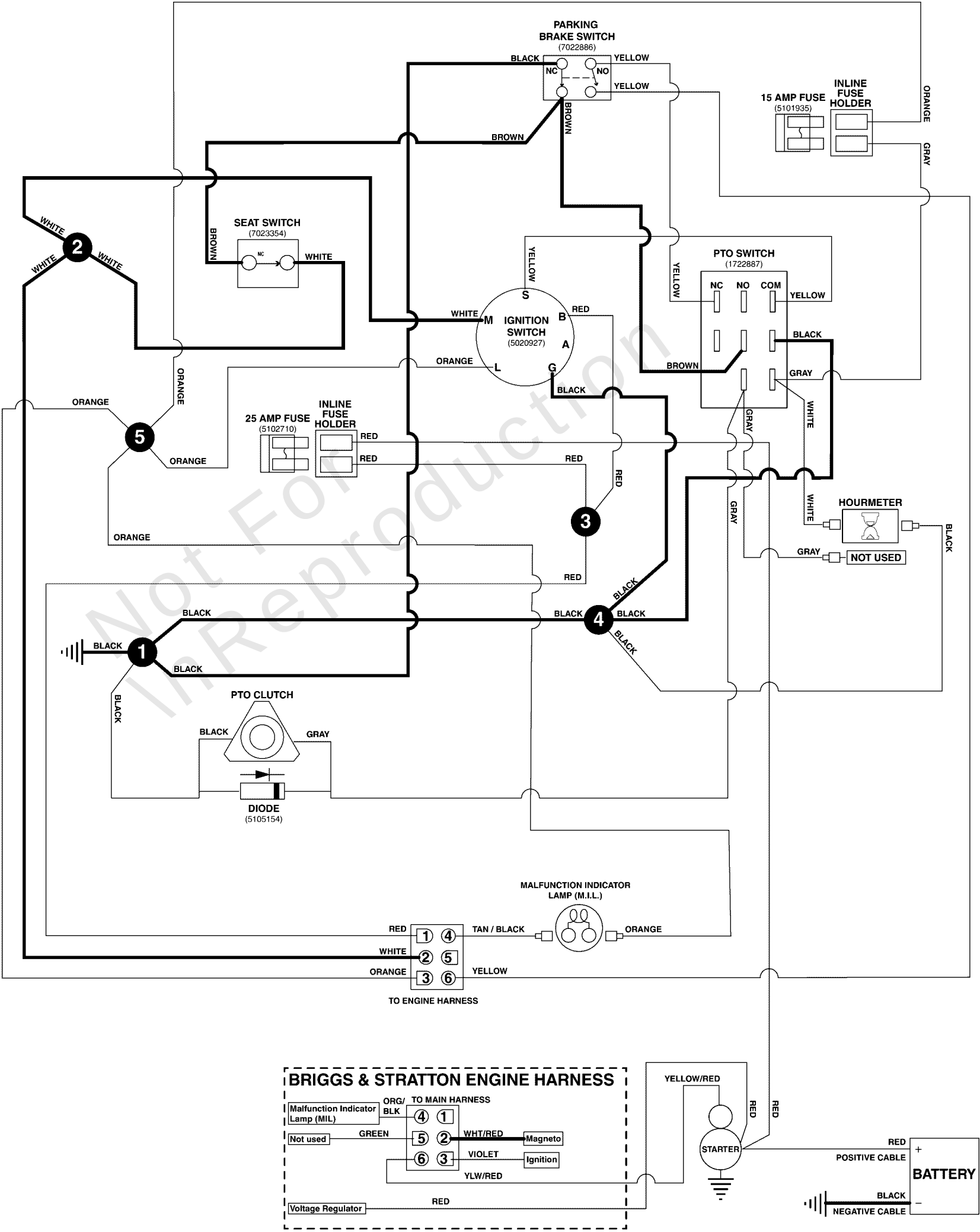
REF NO	PART NO	QTY	DESCRIPTION
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Not For In Reproduction

5416015 (5415564) MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 EFI ENGINES

5416015A

(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 In Reproduction

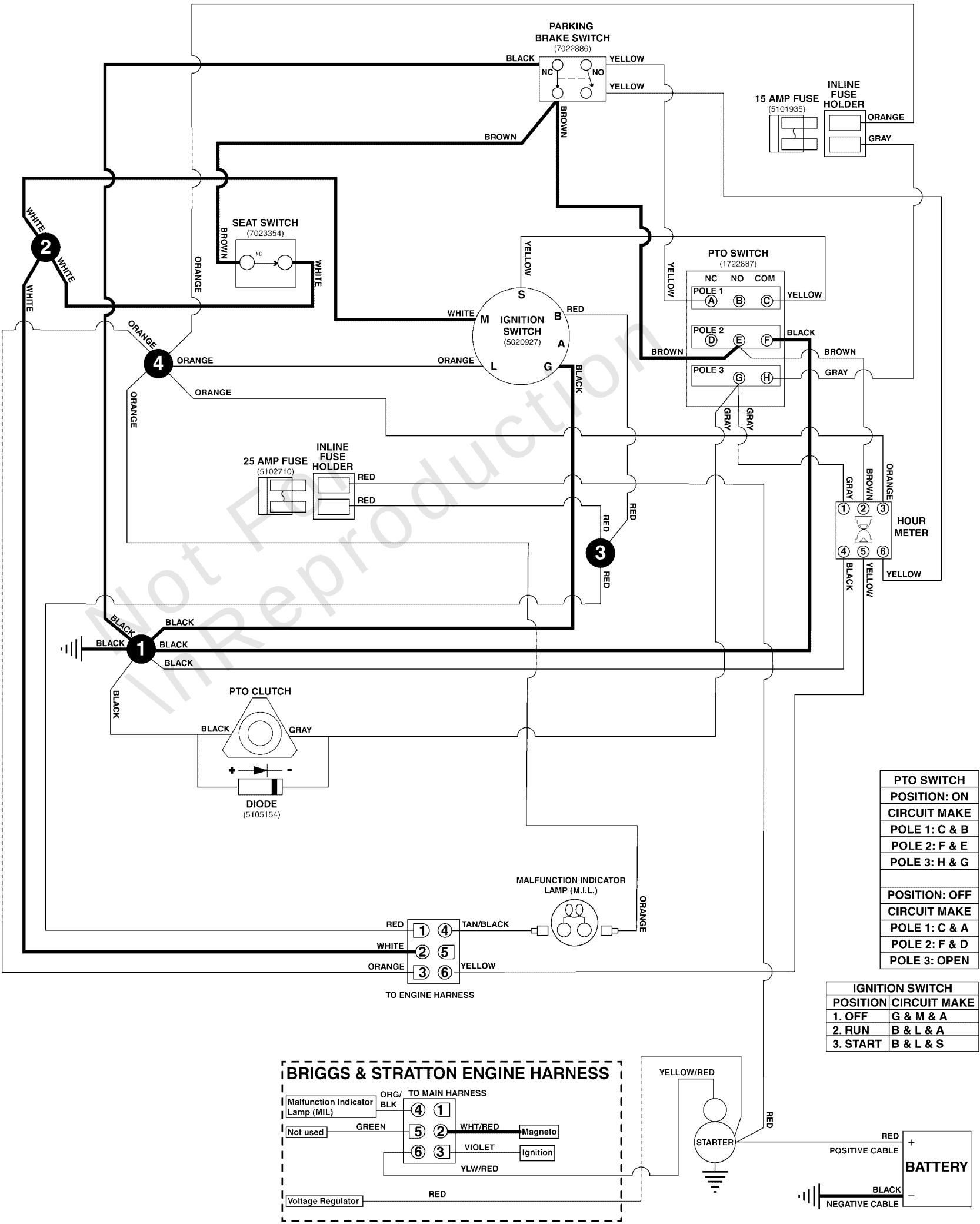
Electrical Schematic - Ign. Ground Circuit/Op Pres. - B&S 49E877 EFI S/N: 2017954956 &

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5901578

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5105535E

(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. - B&S 49E877 EFI S/N: 2017954956 &

REF NO	PART NO	QTY	DESCRIPTION
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Not For In Reproduction

Electrical Schematic - PTO Clutch Circuit - B&S 49E877 EFI S/N: 2017954955 & Below

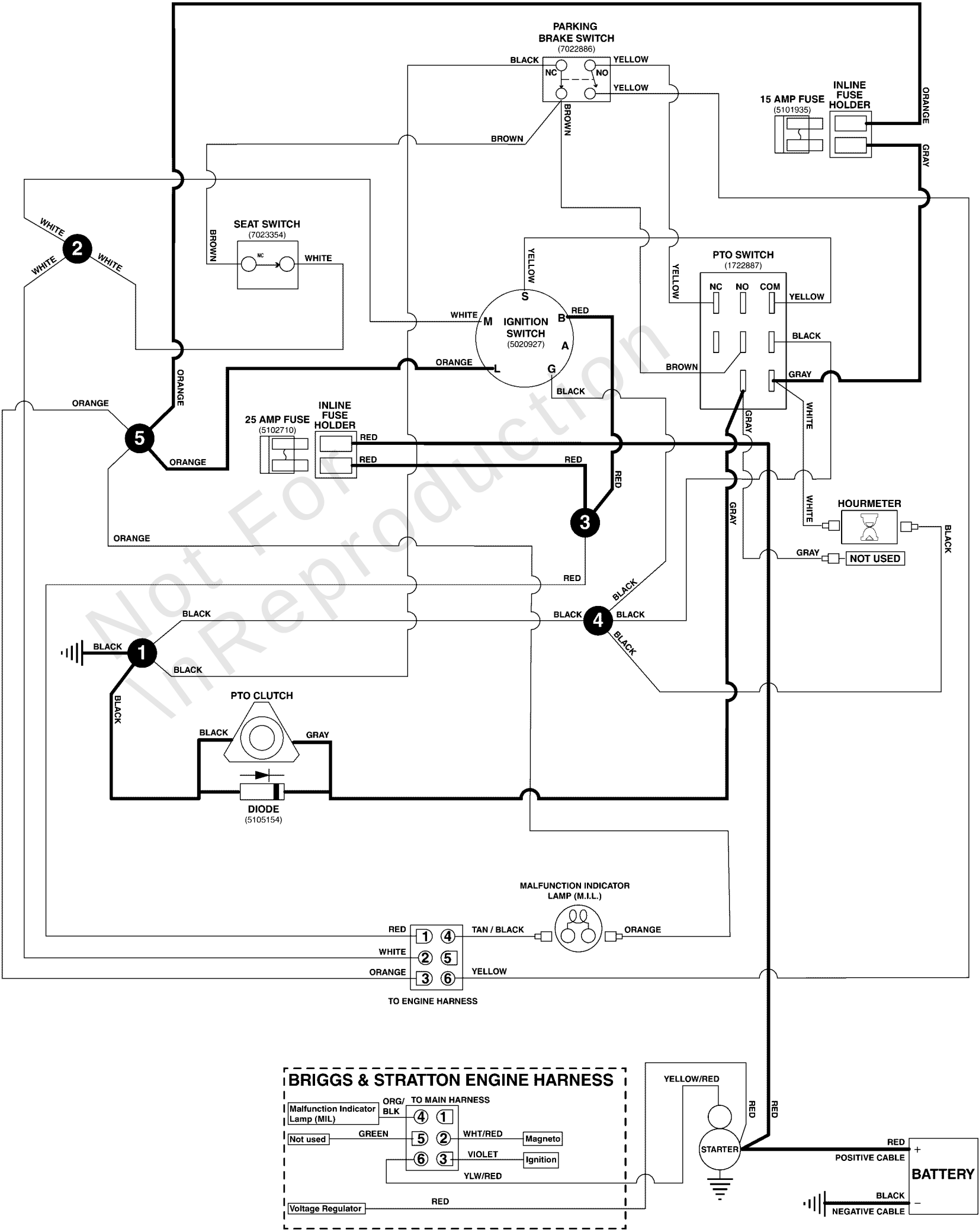
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5416015 (5415564) MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 EFI ENGINES

5416015A

(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 - B&S 49E877 EFI S/N: 2017954955 & Below

REF NO	PART NO	QTY	DESCRIPTION
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Not For In Reproduction

Electrical Schematic - PTO Clutch Circuit - B&S 49E877 EFI S/N: 2017954956 & Above

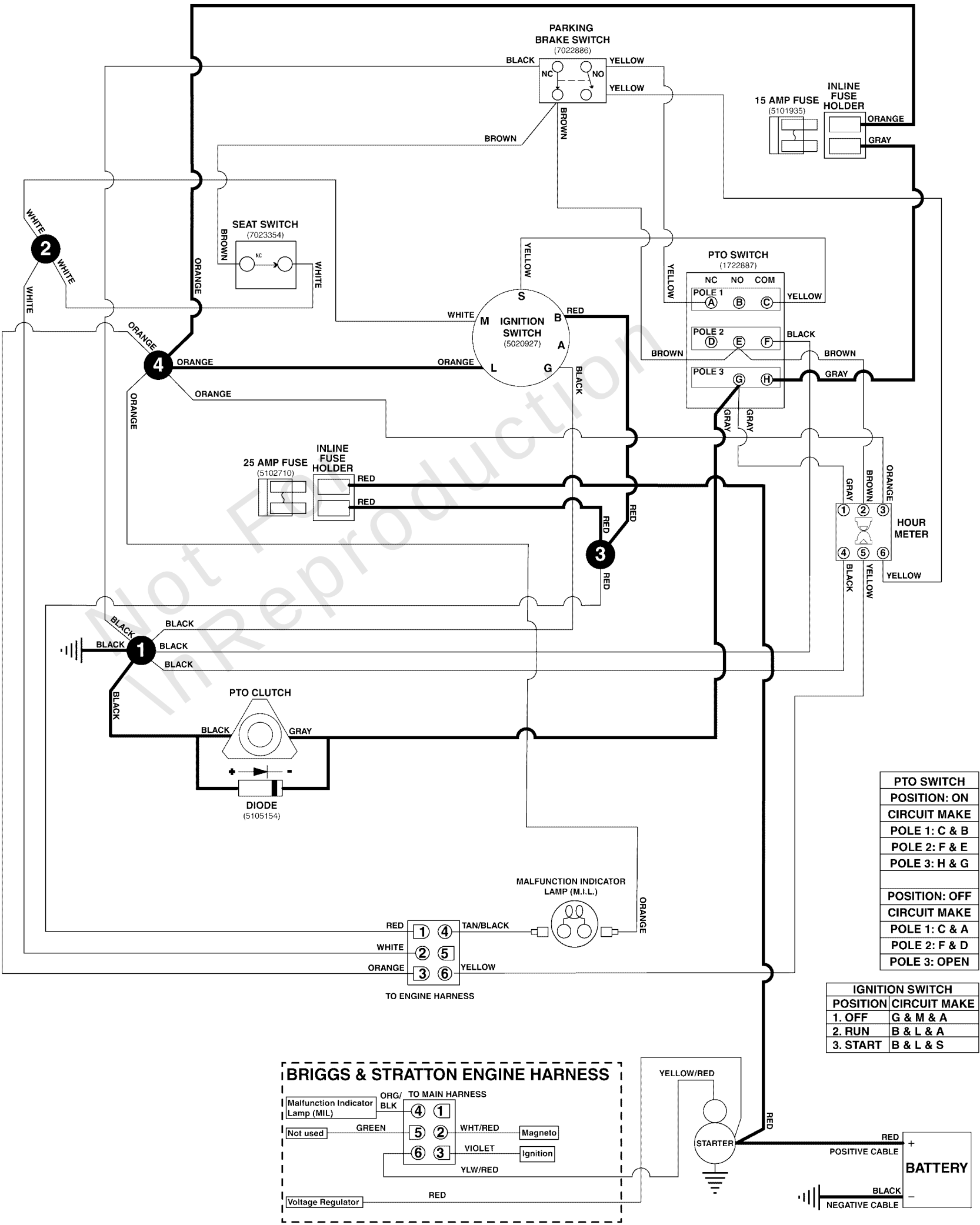
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5105535 MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5105535E

(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 - B&S 49E877 EFI S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
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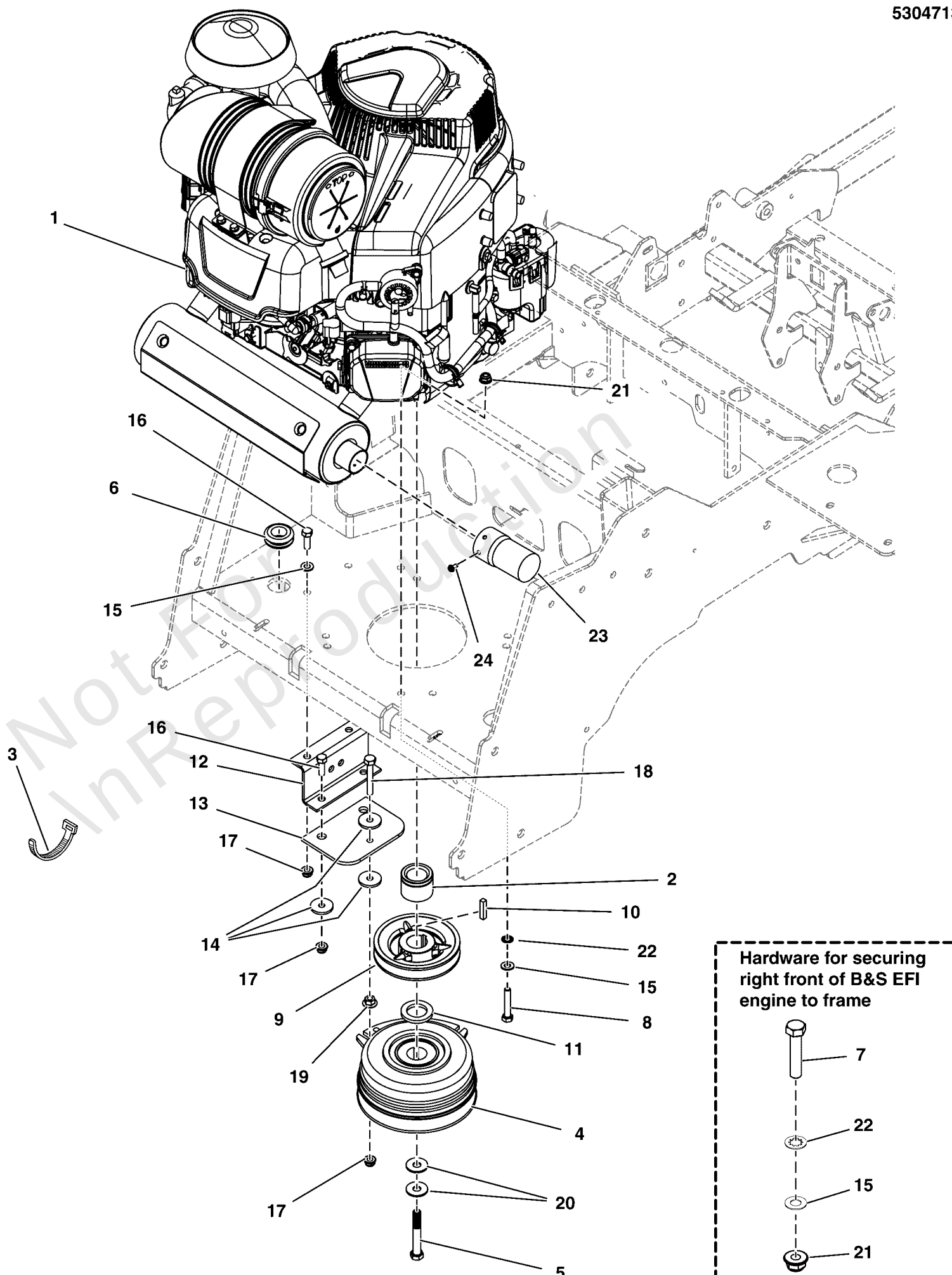
Not For In Reproduction

Engine & PTO Group - Briggs & Stratton EFI (Remote Oil Tank)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5304713E



Engine & PTO Group - Briggs & Stratton EFI (Remote Oil Tank)

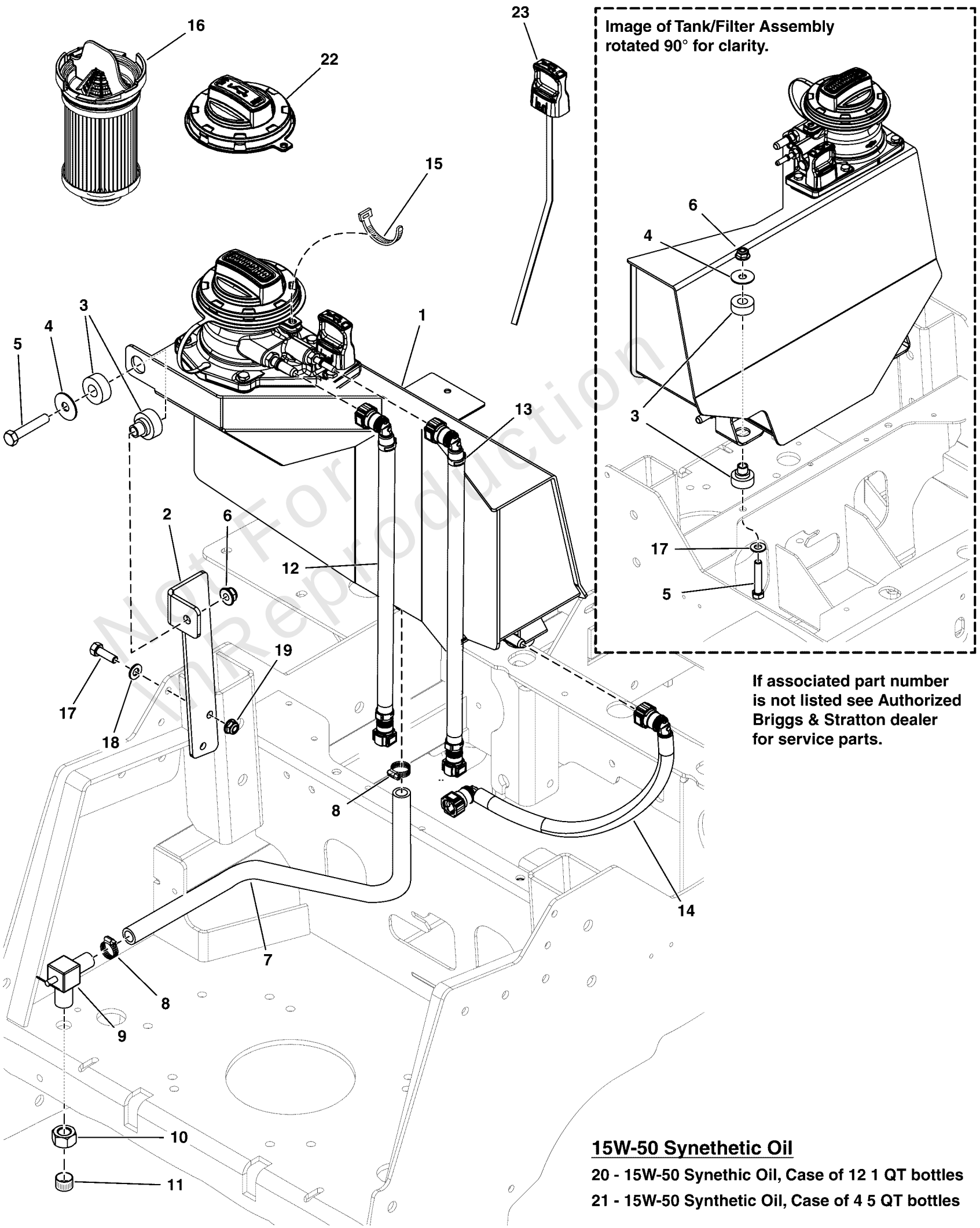
REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	ENGINE, 28HP EFI, B&S, W/MUF, OIL GUARD -(Muffler available through engine manufacturer)
2	5100926	1	SPACER, 1.13 X 1.75 X 1.35, CZ
3	5101492	1	TIE, SELF-LOCKING, 24" -(Secures PTO Clutch wire to Clutch Anchor)
4	5105090	1	CLUTCH WARNER 200 FT-LB 1.13 X 6.323
5	5102866	1	BOLT, CRANKSHAFT, 7/16-20 X 3, GD8 -(Torque clutch mounting bolt to 65 ft-lbs (88 Nm))
6	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
7	5025025X12	1	BOLT-HEX, 5/16-24 X 1-1/2", GD8, PHOS -(Torque engine mounting bolts to 17 ft-lbs (23 Nm))
8	5025025X14	3	BOLT, 5/16-24 X 1-3/4, GD8, PHOS -(Torque engine mounting bolts to 17 ft-lbs (23 Nm))
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	5046904	1	SPACER, 1.13 x 1.75 x .25
12	5410367A	1	ANCHOR, CLUTCH, IS600-IS700 - BLK
13	5043636	1	CLUTCH ANCHOR PAD
14	5044617	4	WASHER, .34 X 1.25 X 10 GA
15	5025155	4	WASHER, 5/16" SAE
16	5025011X8	6	BOLT, 5/16-18 X 1" GRD5 YZ
17	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
18	5025055X18	1	BOLT, 5/16-18 X 2-1/4 TFL, GD5 YZ
19	5025139	1	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
20	5025585	2	BELLEVILLE WASHER, 1.1875 X .442 X .098
21	5025616	4	NUT, 5/16-24, TOP LOCK FLANGE, GD8 PHOS
22	5025188	4	WASHER, 5/16" Internal Tooth Lock
23	5104348	1	EXTENSION, TAILPIPE, 3" - BLACK
24	5025470	1	SCREW, SELF-TAP, #8-32 X 3/8. WASH HEX, CZ

Engine Remote Oil Tank, Hoses, & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

53047130G



Engine Remote Oil Tank, Hoses, & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	595944	1	TANK, Oil -(Refer to Note: *)
2	5415332A	1	MOUNT, TANK TOP, 2100 - BLK
3	5023131	3	MOUNT, ISO, BOTTOM, RAD 5000Z-DIESEL
4	5025165	3	WASHER, 3/8" Fender
5	5025013X16	3	BOLT, 3/8-16 X 2, GD5, CZ
6	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
7	5105525	1	HOSE, 1/2" X 7/8" OD X 22" LONG
8	5021392	2	CLAMP, #6 HOSE, STAINLESS
9	5105177	1	VALVE, OIL DRAIN, M16X1.5 TO 1/2"
10	5105318	1	NUT, HEX, M16-1.5, DAPCO 4071
11	5105317	1	OIL DRAIN CAP, OIL GUARD, DAPCO 4692
12	595937	1	HOSE, Oil Supply -(Refer to Note: *)
13	595939	1	HOSE, Oil Scavenge -(Refer to Note: *)
14	595942	1	HOSE, Oil Vent -(Refer to Note: *)
15	-----	1	TIE, Cable, Yellow 7.6"
16	595930	1	FILTER, Oil
17	5025011X8	2	BOLT, 5/16-18 X 1" GRD5 YZ
18	5025155	2	WASHER, 5/16" SAE
19	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
20	5105281	1	OIL, 15W-50, SYNTHETIC, CASE X 12- 1QT
21	5105282	1	OIL, 15W-50, SYNTHETIC, CASE X 4- 5QT
22	595931	1	CAP, Oil Fill
23	595933	1	DIPSTICK

Footnotes:

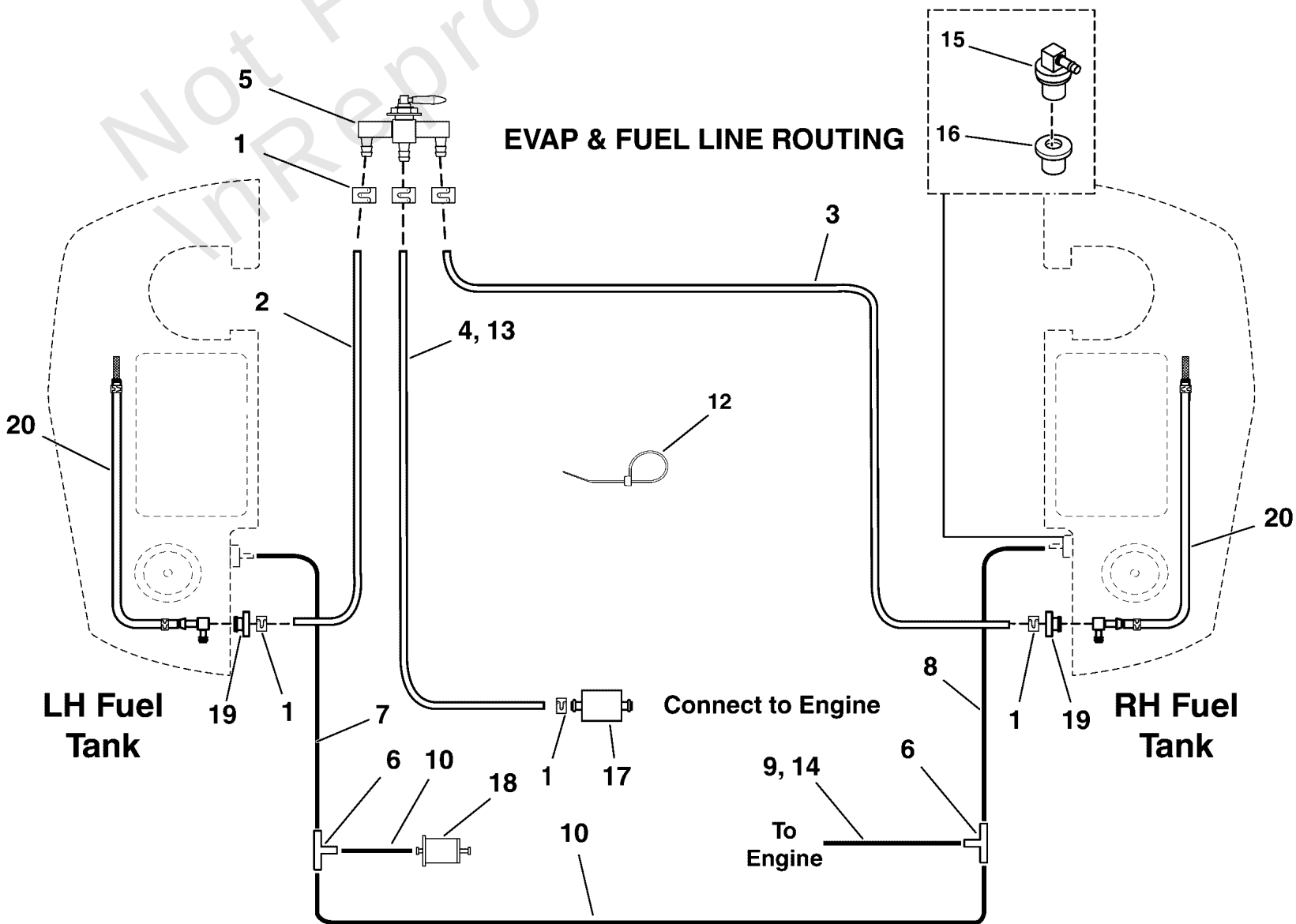
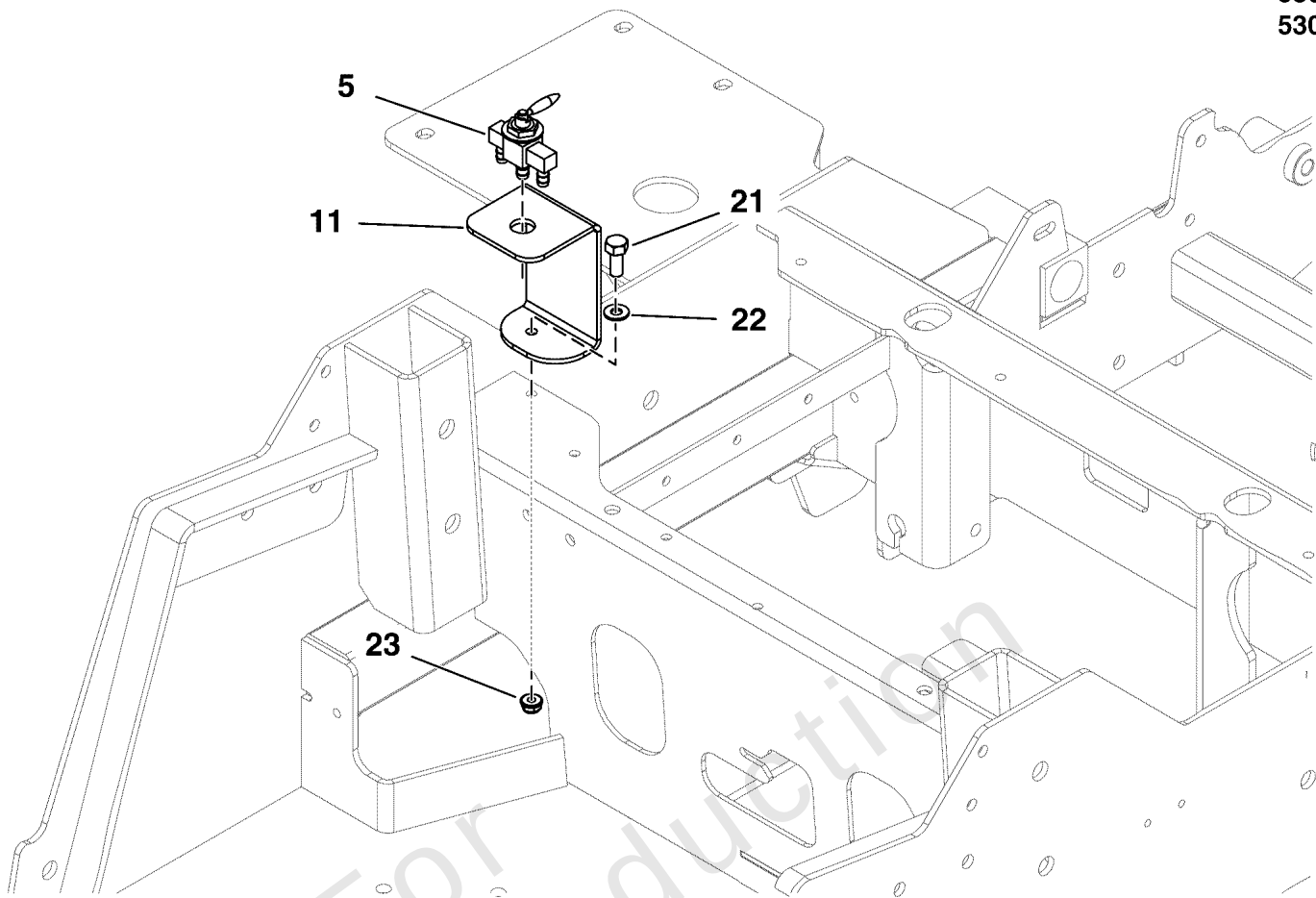
Note: *Order Oil Guard replacement parts from your Authorized Briggs & Stratton Engine Service Provider

Fuel Supply Hose, Tank Replacement Parts, and EVAP Group - S/N: 2017765516 &

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303527A 5303812A
5303512A 5303818A



Fuel Supply Hose, Tank Replacement Parts, and EVAP Group - S/N: 2017765516 &

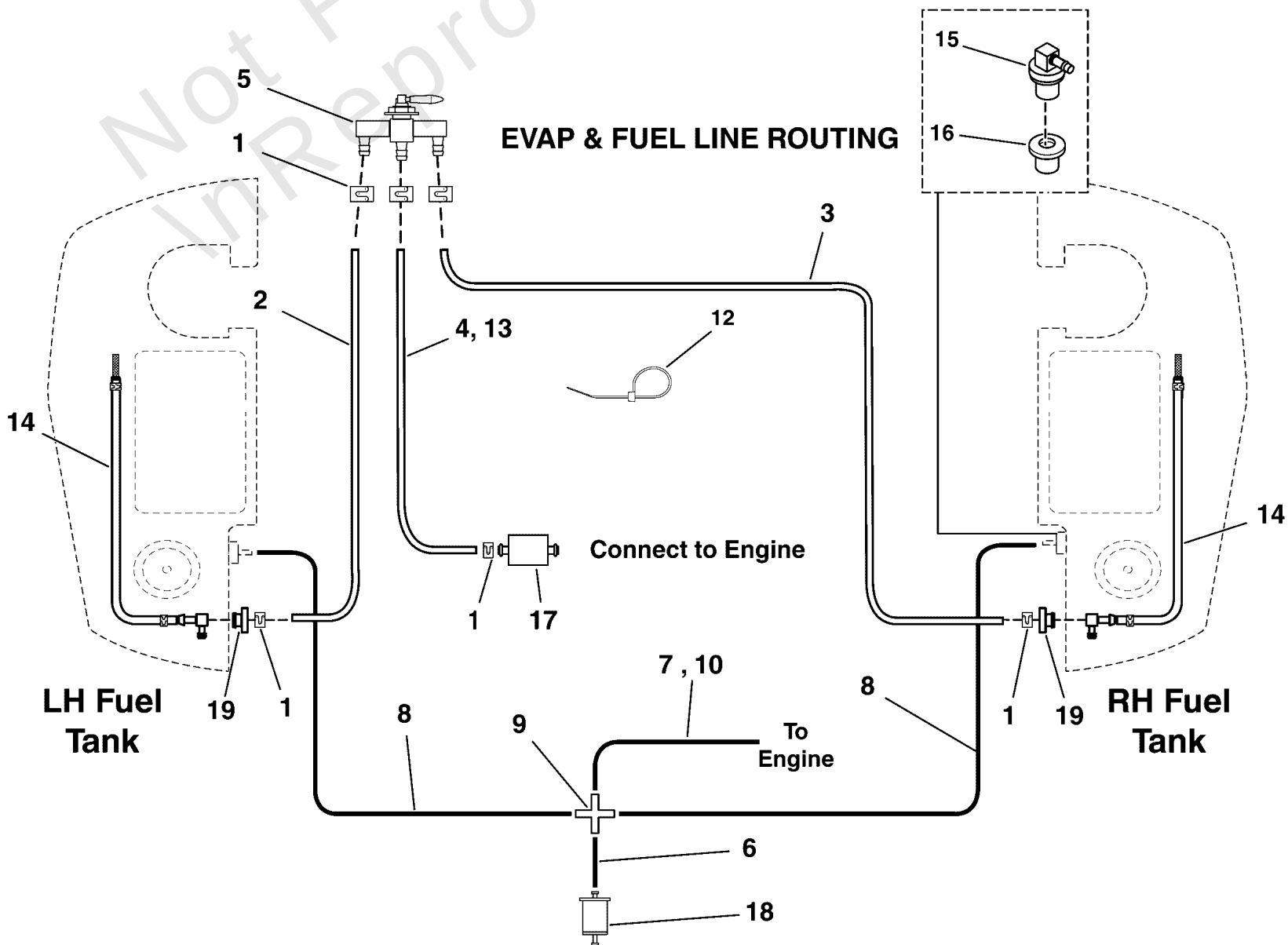
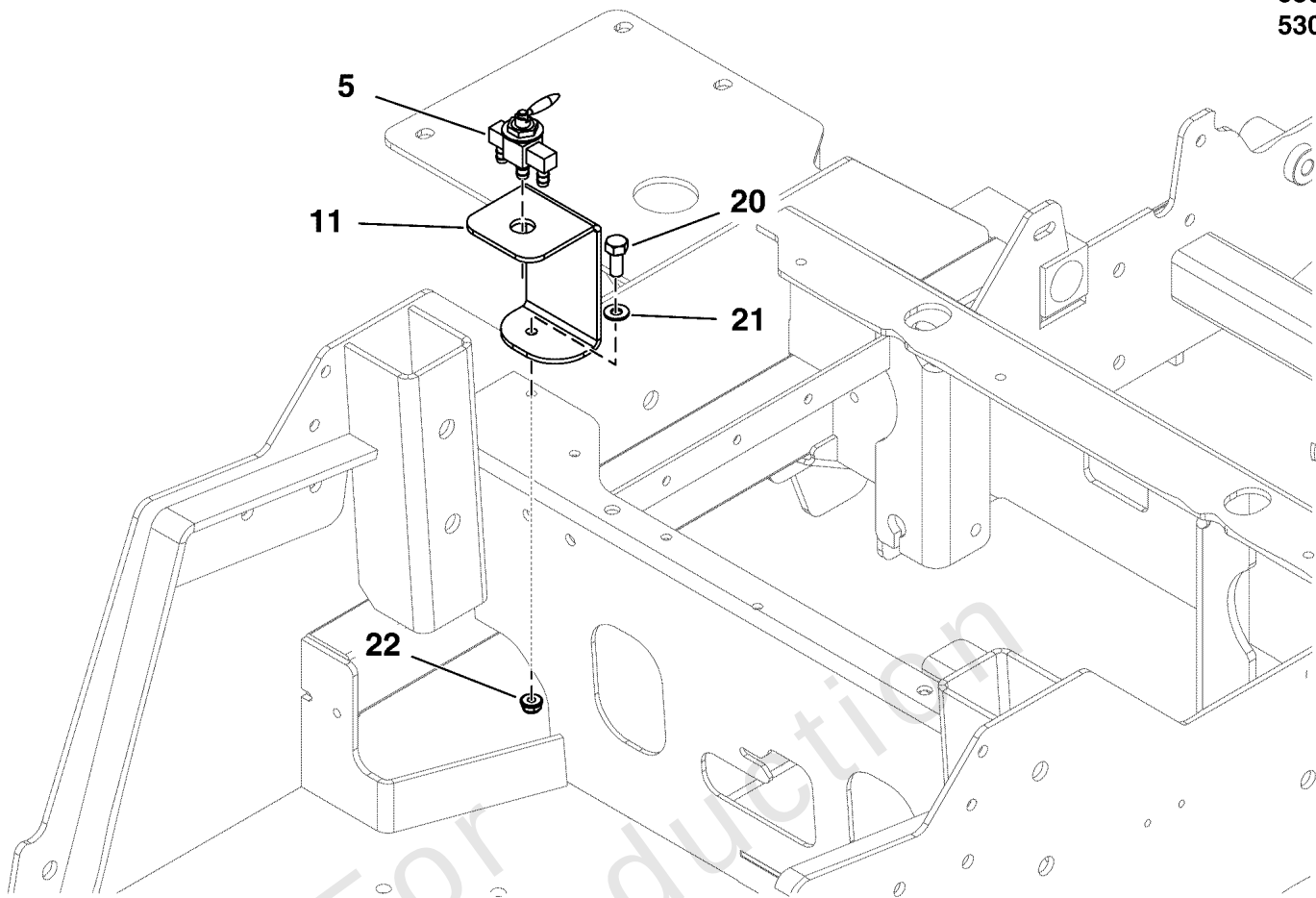
REF NO	PART NO	QTY	DESCRIPTION
1	93807	6	CLAMP, Hose
2	5050831X11	1	1/4" Fuel Line, 11" Long
3	5050831X27	1	HOSE, 1/4" FUEL, 27.00"
4	5050831X19P5	1	HOSE, 1/4" FUEL, 19.50" -(Briggs & Stratton Models)
5	5023358	1	VALVE, FUEL STRAIGHT, OUTLET
6	5103062	2	FITTING, 3/16" TEE, BARB TYPE, HDPE
7	7700552X15P5	1	HOSE, VAPOR, 5MM ID, 15.50 LG
8	7700552X23	1	HOSE, VAPOR, 5MM ID, 23.00 LG
9	7700552X32	1	HOSE, VAPOR, 5MM ID, 32.00 LG -(Kawasaki Models)
10	7700552X6YP	1	HOSE, VAPOR, 5MM ID, 6.00 LG
11	5415357A	1	MOUNT, FUEL VALVE, 2100Z - BLK
12	5021030	4	TIE, SELF-LOCKING, 6"
13	5050831X16	1	HOSE, FUEL, 1/4 IN, LW PRMTN, 16" LONG -(Kawasaki Models)
14	7700552X13P5	1	HOSE, VAPOR, 5MM ID, 13.50 LG -(Briggs & Stratton Models)
15	770046	2	REMOTE VENT ASSEMBLY
16	209043	2	GROMMET (SV)
17	5021178X3	1	FUEL FILTER (SV)
18	80025019	1	FILTER, FUEL
19	1726400	2	BUSHING-FUEL TANK RED RUBBER (SV)
20	5101144	2	PICKUP TUBE ASSEMBLY, FUEL LINE (SV)
21	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
22	5025155	1	WASHER, 5/16" SAE
23	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE NUT

Fuel Supply Hose, Tank Replacement Parts, and EVAP Group - S/N: 2017765517 &

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303527B 5303812B
5303512B 5303818B



Fuel Supply Hose, Tank Replacement Parts, and EVAP Group - S/N: 2017765517 &

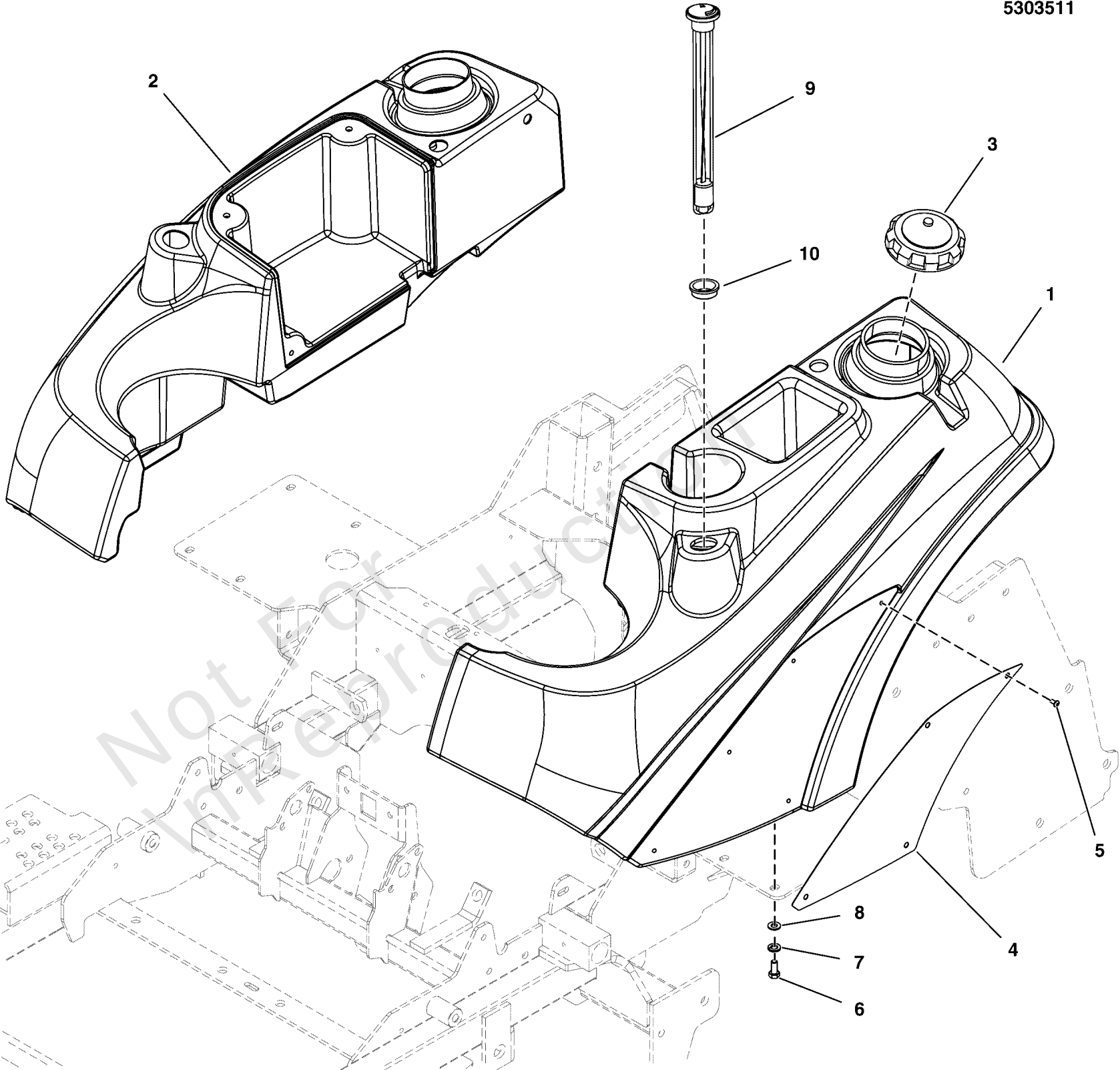
REF NO	PART NO	QTY	DESCRIPTION
1	93807	6	CLAMP, Hose
2	5050831X11	1	1/4" Fuel Line, 11" Long
3	5050831X27	1	HOSE, 1/4" FUEL, 27.00"
4	5050831X22	1	1/4" Fuel Line, 22" Long -(Briggs & Stratton Models)
5	5023358	1	VALVE, FUEL STRAIGHT, OUTLET
6	7700552X3	1	HOSE, VAPOR, 5MM ID, 3.00 LG
7	7700552X37	1	HOSE, VAPOR, 5MM ID, 37.00 LG -(Kawasaki Models)
8	7700552X23	2	HOSE, VAPOR, 5MM ID, 23.00 LG
9	5105394	1	FITTING, BARBED CROSS, 3/16" BLK NYLON
10	7700552X17	1	HOSE, VAPOR, 5MM ID, 17.00 LG -(Briggs & Stratton Models)
11	5415357A	1	MOUNT, FUEL VALVE, 2100Z - BLK
12	5021030	4	TIE, SELF-LOCKING, 6"
13	5050831X16	1	HOSE, FUEL, 1/4 IN, LW PRMTN, 16" LONG -(Kawasaki Models)
14	5101144	2	PICKUP TUBE ASSEMBLY, FUEL LINE (SV)
15	770046	2	REMOTE VENT ASSEMBLY
16	209043	2	GROMMET (SV)
17	5021178X3	1	FUEL FILTER (SV)
18	80025019	1	FILTER, FUEL
19	1726400	2	BUSHING-FUEL TANK RED RUBBER (SV)
20	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
21	5025155	1	WASHER, 5/16" SAE
22	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE NUT

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303511



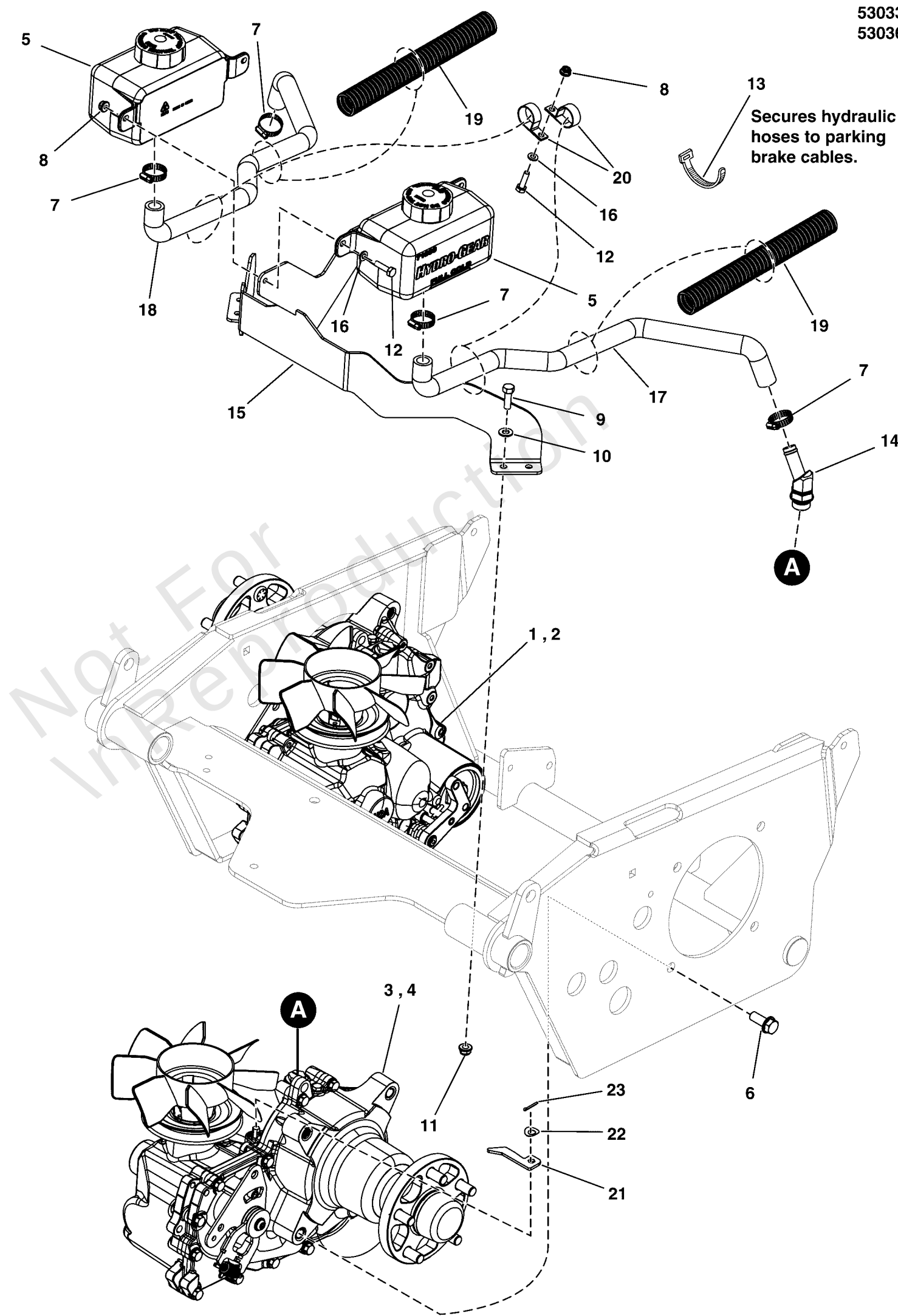
Fuel Tank & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5103178	1	TANK, FUEL, 5.75 GAL,MED, Z-LH, LOW PERM
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 YZ
8	5025292	8	WASHER, 5/16 F436 FLAT
9	5022917	2	GAUGE, FUEL, 12 (SV)
10	5022917X1	2	GROMMET, FUEL GAUGE (SV)

Hydraulic Group

Note: Unless noted otherwise, use the standard torque specifications
 Mfg. No: 5901578

5303399B
 5303601B



Hydraulic Group

REF NO	PART NO	QTY	DESCRIPTION
1	5104385	1	TRANSAXLE, ZT4400, RH, 1710-1057R L-AXLE -(61" Models Only)
2	5104388	1	TRANSAXLE, ZT4400, RH, 1710-1024R -(52" Models Only)
3	5104386	1	TRANSAXLE, ZT4400, LH, 1710-1057L L-AXLE -(61" Models Only)
4	5104389	1	TRANSAXLE, ZT4400, LH, 1710-1024L -(52" Models Only)
5	5101998	2	HYDRO TANK, HYDRO-GEAR 71938, 1 LITER -(Includes item #5-1)
5-1	5100778X1	2	RESERVOIR CAP (SV) -(Not illustrated)
6	5025535	8	BOLT, 1/2-13 X 1-1/4, SF, PLT W/PATCH
7	5021164	4	CLAMP, #10 HOSE, STAINLESS
8	5025391	3	NUT, 1/4-20 HEX NYLOCK FLANGE
9	5025011X8	4	BOLT, 5/16-18 X 1 GD5 CZ
10	5025155	4	WASHER, 5/16" SAE
11	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
12	5025010X8	3	BOLT, 1/4-20 X 1" GD5 CZ
13	5021030	2	TIE, SELF-LOCKING, 6"
14	5104409	2	FITTING 22.5 ELBOW 5/8 TUBE-7/8-14 O-RING
15	5415880A	1	WELD, MOUNT, OIL RESERVOIR - BLK
16	5025154	3	WASHER, 1/4 SAE
17	5105178	1	HOSE, HYD RES, LH, IS2100Z
18	5105179	1	HOSE, HYD RES, RH, IS2100Z
19	5100384X13	2	LOOM, CONVOLUTED SPLIT, 1 ID - 13 LONG
20	5021500	2	CLAMP, VINYL INSULATED, 1.00
21	5104436	2	ARM, TRANSAXLE RELEASE, ZT4400
22	5023202	2	WASHER, WAVE, M10
23	80002736	2	PIN, 3/32 X 0.750, COT, ZINC/CLEAR

Instrument Control Panel Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

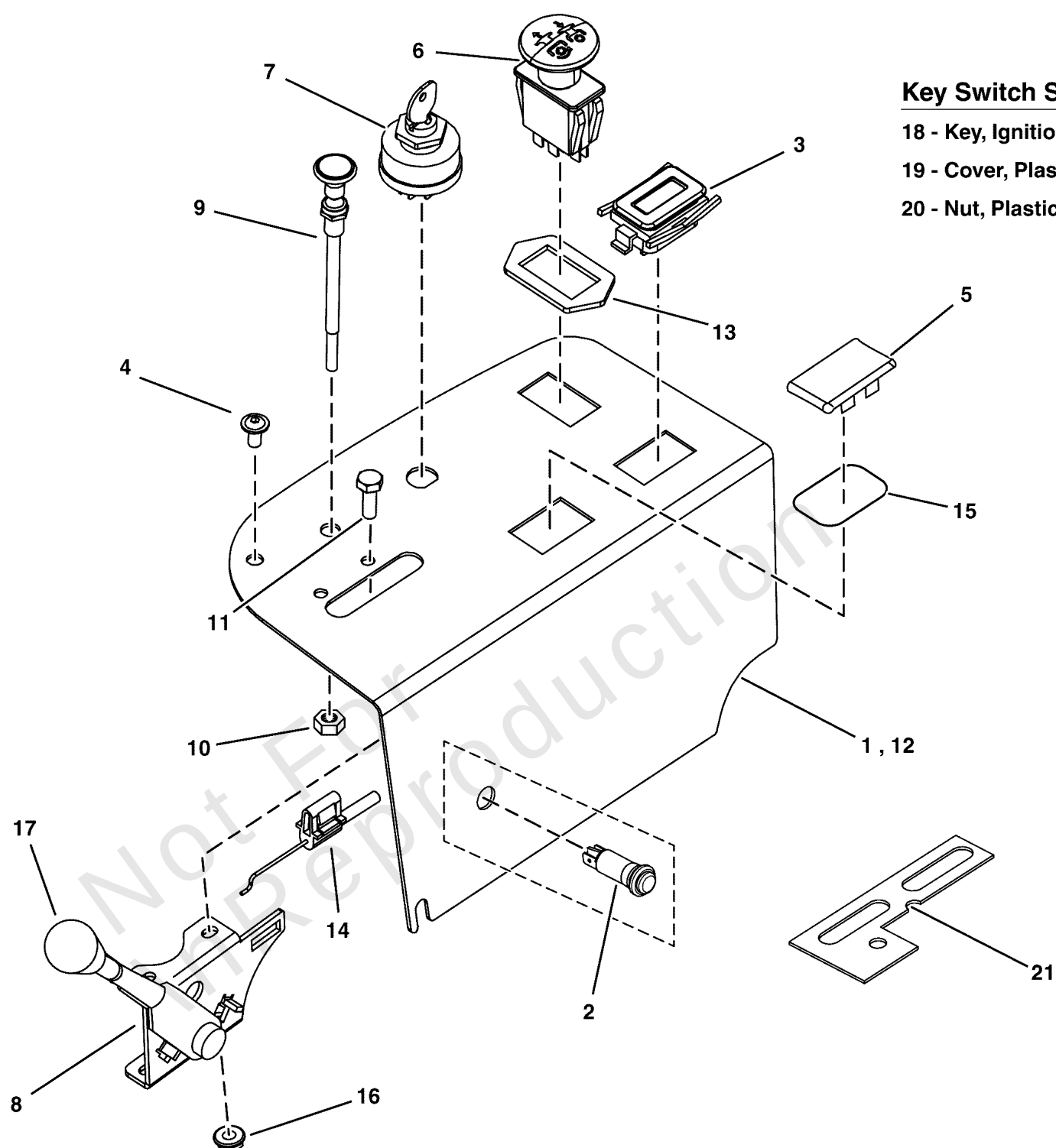
5303508A
5303773A

Key Switch Service Parts

18 - Key, Ignition, Molded, Set

19 - Cover, Plastic, Snap On

20 - Nut, Plastic



Instrument Control Panel Group

REF NO	PART NO	QTY	DESCRIPTION
1	5412044A	1	PANEL, CONTROL, IS2100Z - BLK -(EFI models only)
2	5103809	1	LIGHT, INDICATOR, PANEL, LED, RED -(EFI models only)
3	-----	1	* HOUR METER, ASSEMBLY (5409263)
4	5025299X4	3	SCREW, ALLEN HEAD 1/4-20X.500 ZINC PHOS
5	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
6	1722887	1	SWITCH-PTO PUSH
7	5020927	1	SWITCH, IGNITION, 6 POST
8	5101537	1	LEVER, THROTTLE CONTROL
9	5046501	1	CABLE, CHOKE CONTROL, 47 -(Carbuerated models only)
10	5025035	1	NUT, 3/8-24 HEX -(Carbuerated models only)
11	5025179X6	2	SCREW, #10-24 X 3/4 ROUND PHILLIPS
12	5411933A	1	PANEL, Control - Black -(Carbuerated models only)
13	5022222	1	RING, SWITCH RETAINER
14	5101073	1	CABLE, THROTTLE, 42"
15	5022269	1	O-RING, 7/8 ID X 1/16 W
16	5025271	2	NUT, #10-24 HEX NYLON LOCK
17	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB
18	5022789	1	KEY, IGNITION MOLDED SET
19	5022790	1	COVER, PLASTIC, SNAP ON
20	5022791	1	PLASTIC NUT
21	-----	1	PLATE, THROTTLE STOP (5412643) -(CE Models Only)

Footnotes:

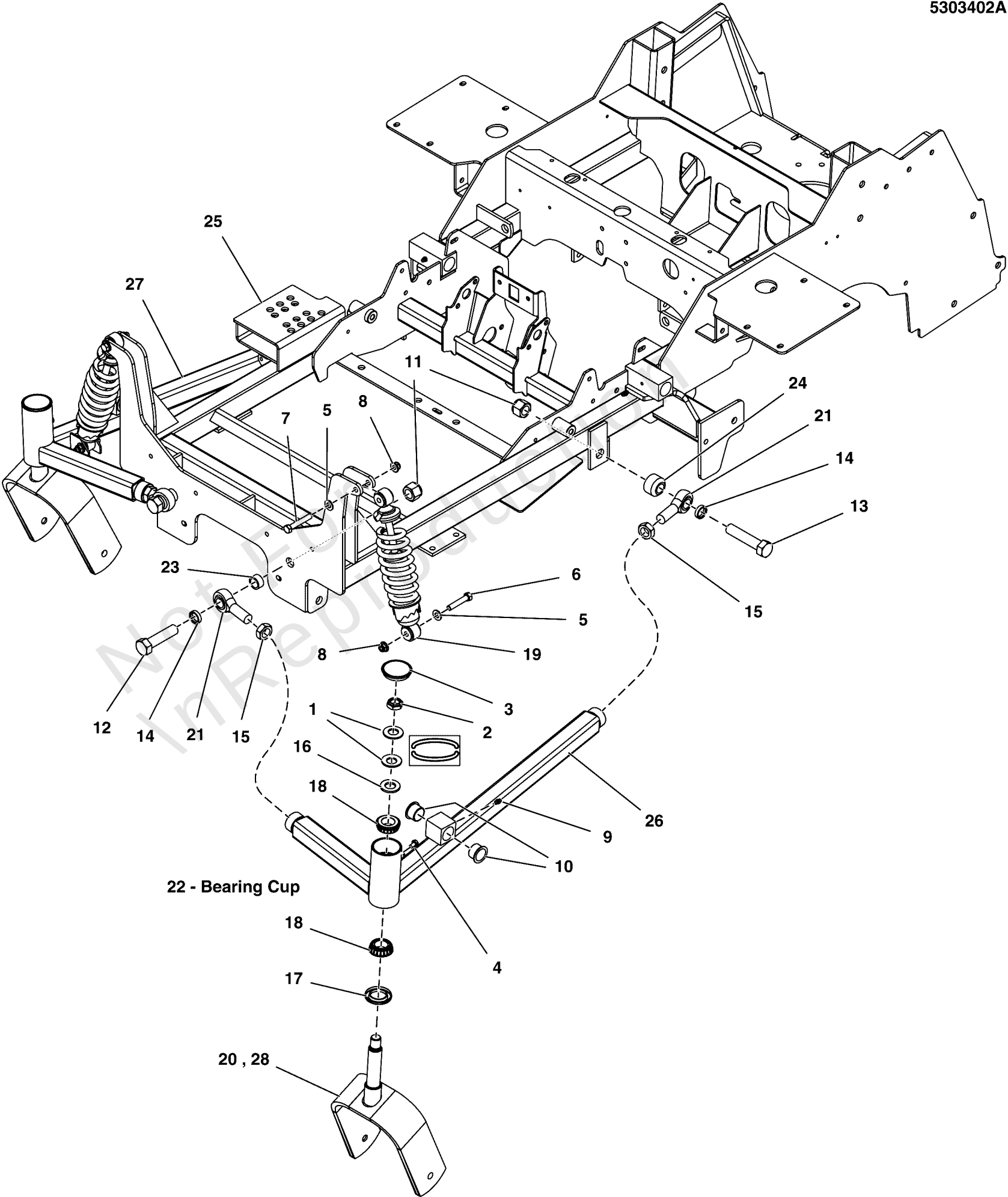
* When replacing this hour meter, please call our service department at 1-800-933-6175 ext. 709

Main Frame & Front Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303588A
5303402A



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	5102929	2	CAP, LOW PROFILE, STEEL
4	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
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	4	GREASE FITTING, 1/4-28 STRAIGHT
10	5023356	4	BUSHING, 1.00 X 1.13 X .75, PLASTIC
11	5025284	4	NUT, 3/4-16 HEX NYLON LOCK
12	5025265X24	2	BOLT-3/4-16 X 3 YZ GD8
13	5025265X28	2	BOLT, 3/4-16 X 3-1/2 YZ GD8
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 -(61" Models)
21	5022039	4	BALL JOINT, 3/4-16, MALE
22	5020883	4	BEARING, CUP (SV)
23	5046092	2	SPACER, .76 X 1.00 X .50, CZ
24	5046093	2	SPACER, .75 X 1.50 X 1.00, CZ
25	-----	1	* WELD, MAIN FRAME, IS2100Z - RED -(Refer to Note: *)
26	5411433B	1	WELD, FRONT A-ARM, LH - RED
27	5411432B	1	WELD, FRONT A-ARM, RH - RED
28	5402208B	2	WELD, CASTER YOKE - RED -(52" Models S/N: 4000795111 and below)
28	5419196B	2	WELD, CASTER YOKE - RED -(52" Models S/N: 4000795112 and above)

Footnotes:

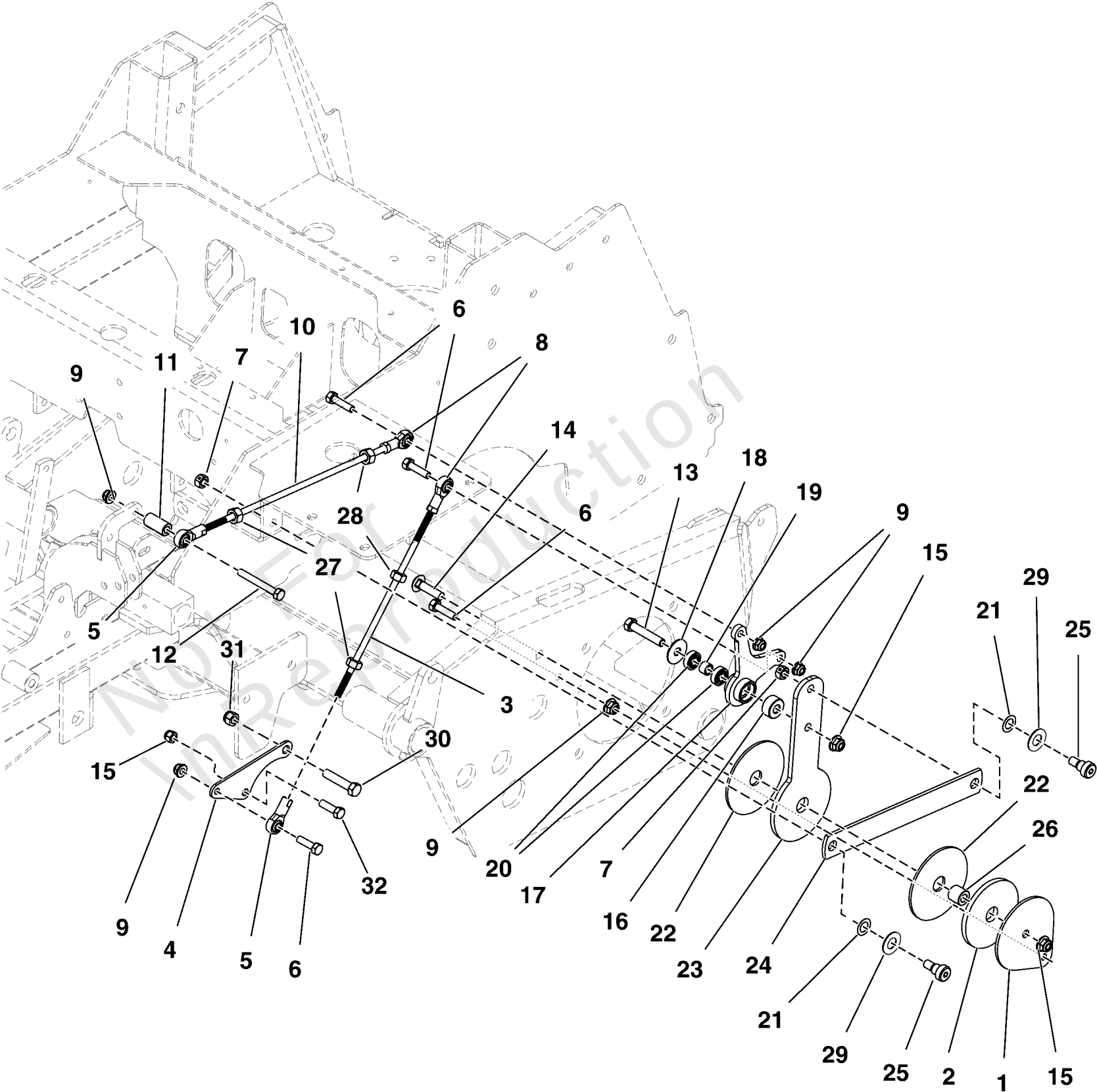
Note: *If replacing contact the Service Department at 1-800-933-6175.

Motion Control Group - Control System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303398LA



Motion Control Group - Control System

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	5104053	2	ROD, 5/16-24 RH & LH, 8.75" CZ
4	5411301A	2	PLATE, CONTROL MOUNT - BLK
5	5104493	4	BALL JOINT 5/16-24 RH FEMALE BRONZE RACE
6	5025011X10	10	BOLT, 5/16-18 X 1-1/4" GD5 YZ
7	5025100	4	NUT, Hex, Side Lock, 3/8-16
8	5104494	4	BALL JOINT 5/16-24 LH FEMALE BRONZE RACE
9	5025392	6	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	5411375A	2	LINK, CONTROL SYSTEM ARM, IS2100 - BLK
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	5025440	4	WASHER, 1/2" GD9 YZ
30	5025015X6	2	BOLT, 7/16-14 X 3/4, GD 5 YZ
31	5025044	2	NUT, 7/16-14 HEX TOP LOCK
32	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ

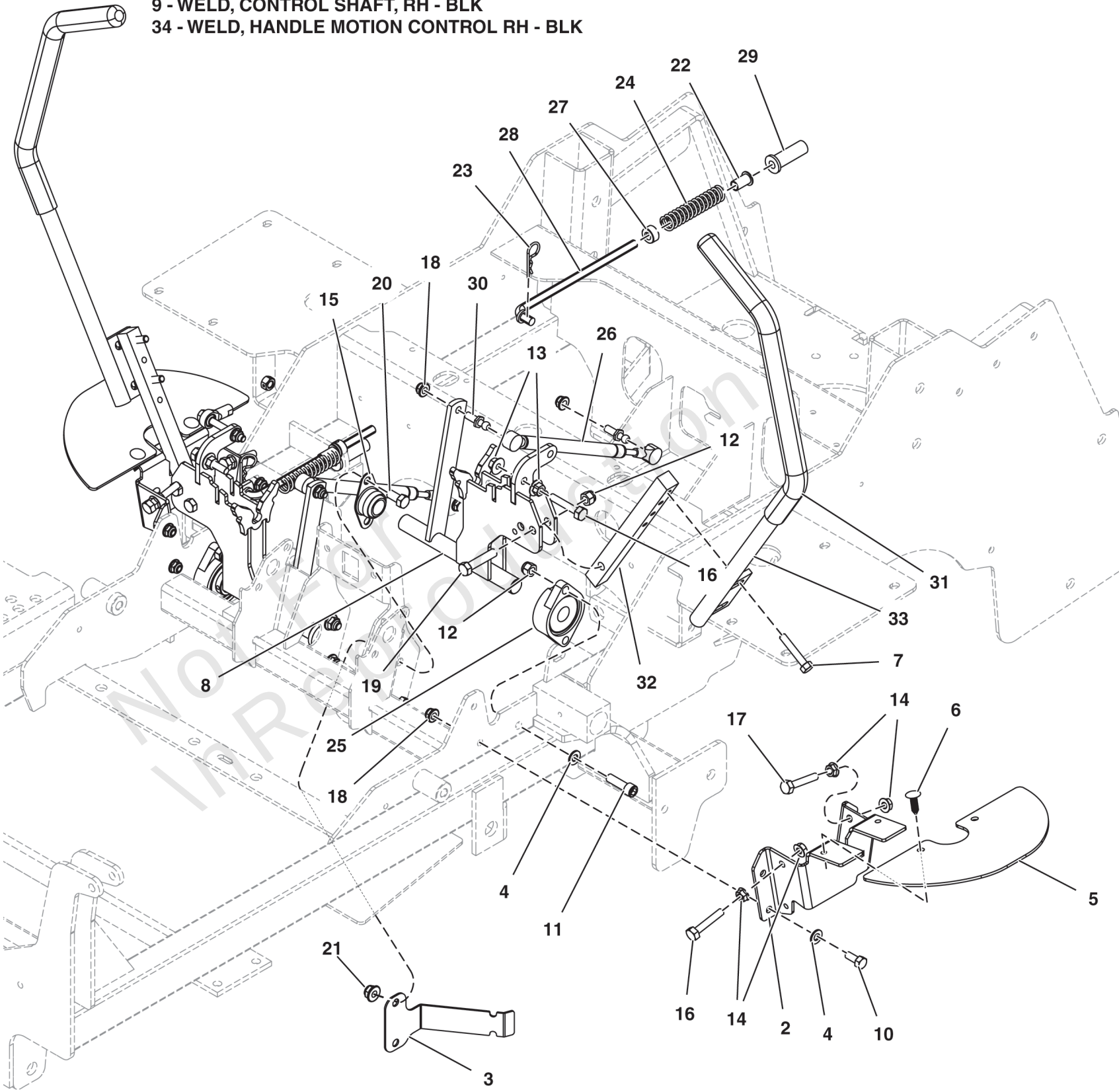
Motion Control Group - Handles & Dampeners

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303398UB

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



Motion Control Group - Handles & Dampeners

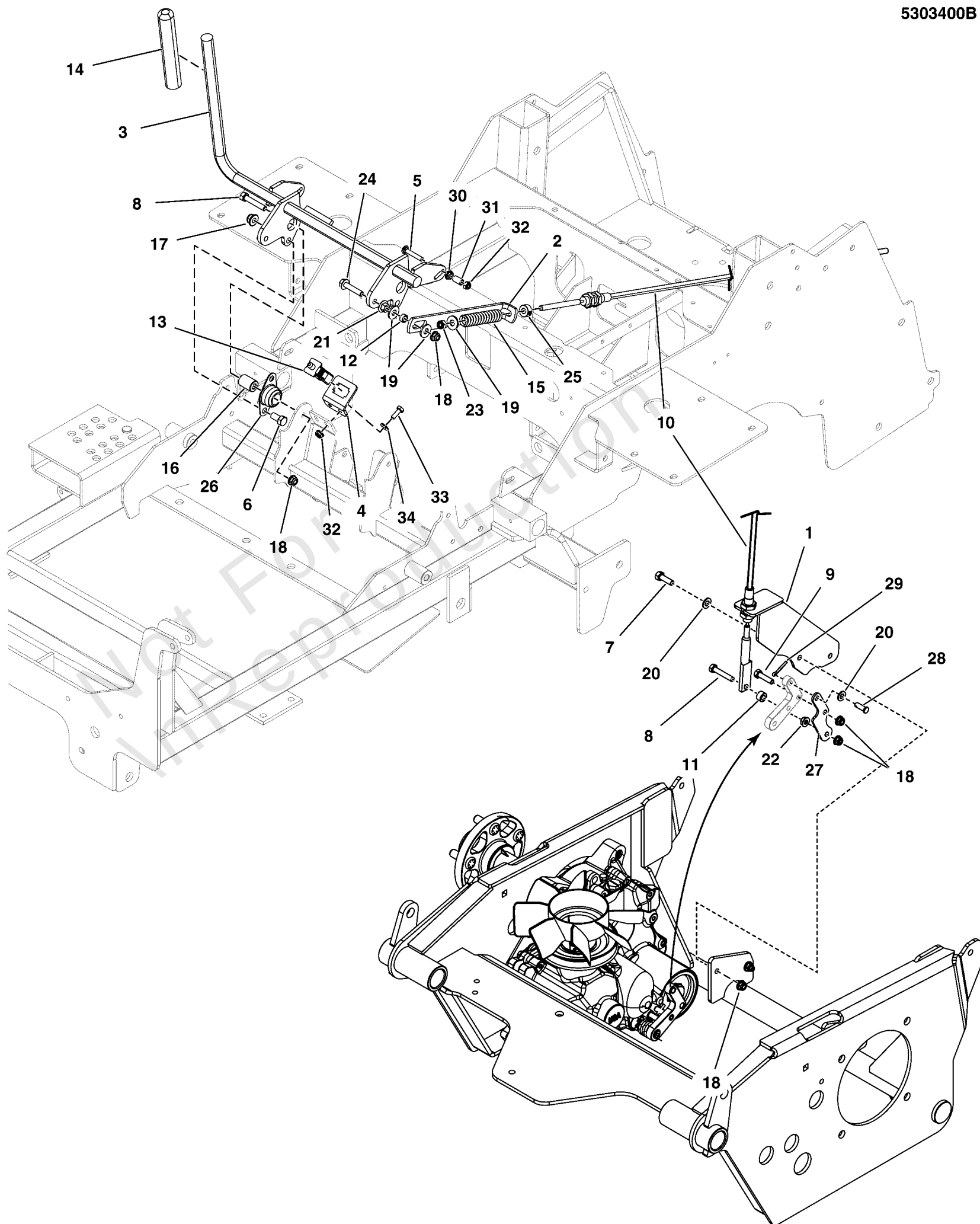
REF NO	PART NO	QTY	DESCRIPTION
1	5416170A	1	PLATE, Neutral Lock, RH - BLK
2	5416171A	1	PLATE, Neutral Lock, LH - BLK
3	5413137A	1	BRACKET, HARNESS MOUNT, 2100 - BLK
4	5025155	12	WASHER, 5/16" SAE
5	5401248	2	GUARD, RUBBER MOTION CONTROLS
6	5025431	4	PUSH RIVET (TREE TYPE), BLACK
7	80003531	4	SCREW, 5/16-18X0.750, GR5, WHIZ-LOCK, ZC
8	5416663A	1	WELD, CONTROL SHAFT, LOCKOUT, LH - BLK
9	5416664A	1	WELD, CONTROL SHAFT, LOCKOUT, RH - BLK
10	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
11	5025327	4	BOLT, Allen Head, 3/8-16 x 1-1/4
12	5025096	8	NUT, Hex, Nylon Locking, 3/8-16
13	5025139	4	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
14	5025127	8	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
15	5021098	2	BEARING, BRONZE FLANGE, 3/4"
16	5025055X10	4	BOLT, 5/16-18 x 1-1/4" TFL GD 5
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	5021499	2	BEARING, FLANGE
26	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
27	5010546	2	COLLAR, 3/8" Set
28	5100947	2	ROD, NEUTRAL RETURN, CZ
29	5104375	2	FLANGED BUSHING, 3/8IDX.63ODX.8125FL
30	5101307	4	10MM BALL STUD, 5/16-18 X 3/4 THDS
31	5104722	2	GRIP, FOAM, 1" ID, 16" LONG
32	5103106A	2	MOUNT, CONTROL ARM - BLK -(10.95" Total Length, 3 Adjustment Holes)
33	5414431A	1	WELD, HANDLE MOTION CNTRL, 19.0, 1.0, LH - BLK
34	5414432A	1	WELD, HANDLE MOTION CNTRL, 19.0, 1.0, RH - BLK

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303400B



Parking Brake Group

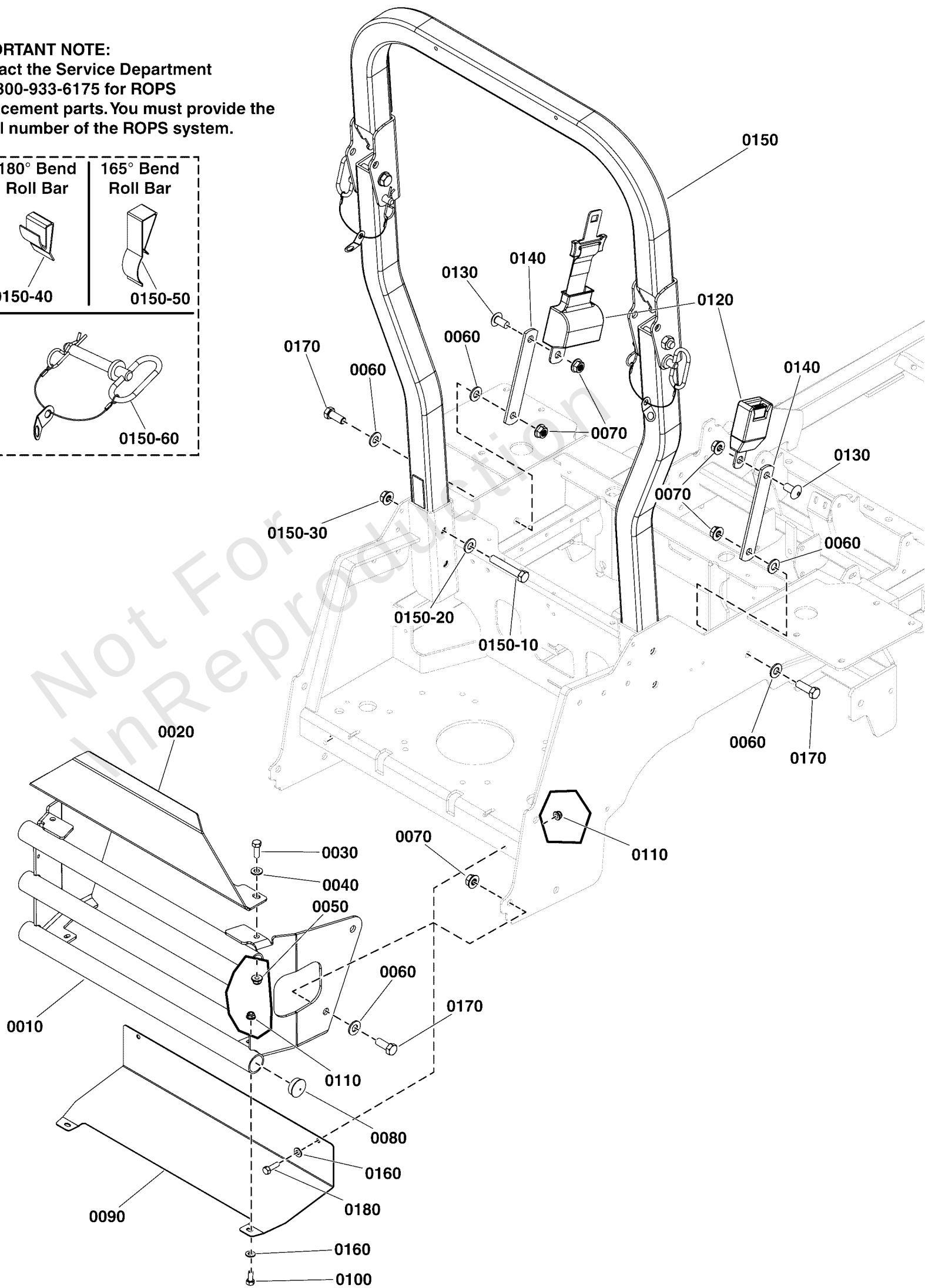
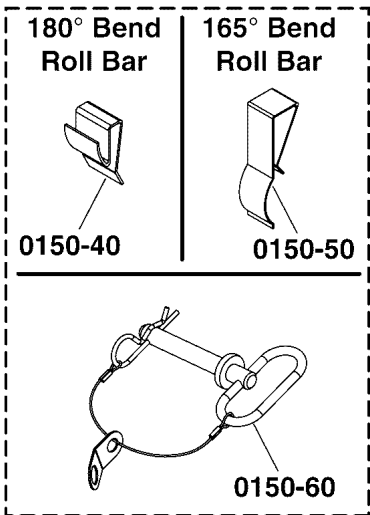
REF NO	PART NO	QTY	DESCRIPTION
1	5413066A	2	WELD, BRAKING MOUNT, 2100 - BLK
2	5413063A	2	LINK, BRAKE, IS2100 - BLK
3	5415422A	1	WELD, BRAKE SHAFT, LOCTOUT, 17" - BLK
4	5415932A	1	TAB, SWITCH PLATE, BOLT-ON - BLK
5	80003564	2	BOLT, 1/4-20 X 1.500, GR5, SQ, ZINC/CLEA
6	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
7	5025011X8	4	BOLT, 5/16-18 X 1 GD5 CZ
8	5025011X14	4	BOLT, 5/16-18 X 1-3/4 GD5 CZ
9	5025011X10	2	BOLT, 5/16-18 X 1-1/4 GD5 CZ
10	5104235	2	CABLE, PARKING BRAKE, 32"
11	5103767	2	SPACER, .33 X .63 X .36, PM, CZ
12	5102463	2	SPACER, .33 X .50 X .25, PM, CZ
13	7022886	1	SWITCH, DP NO/NC SNAP-IN
14	5101038	1	GRIP, FOAM, 3/4 ID X 6 X .187
15	5100385	2	SPRING, COMP. 1/2 ID X .140 WIRE X 3.25
16	5042134	2	SPACER, .32 X .75 X 1.06, PM
17	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
18	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
19	5025337	6	WASHER, 5/16 USS
20	5025155	6	WASHER, 5/16" SAE
21	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
22	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
23	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
24	5023157	2	BOLT, 5/16-18 X 1 1/2 FLANGE
25	5020047	2	COLLAR, 5/16 SET
26	5021098	2	BEARING, 3/4" FLANGED, BRONZE
27	5413575A	2	PLATE, BRAKE ARM, IS2100 - BLK
28	5025213X7	2	PIN, CLEVIS, 5/16 X 1, PLATED
29	5025203X6	2	PIN, COTTER, 1/8 X 3/4
30	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE
31	5041483	2	SPACER, .25 X .38 X .63, CZ
32	5025095	4	NUT, 1/4-20 HEX NYLON LOCK
33	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 CZ
34	5025154	2	WASHER, 1/4 SAE

Rear Bumper and ROPS Group S/N: 2018007563 and Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

IMPORTANT NOTE:
Contact the Service Department
at 1-800-933-6175 for ROPS
replacement parts. You must provide the
serial number of the ROPS system.



Rear Bumper and ROPS Group S/N: 2018007563 and Below

REF NO	PART NO	QTY	DESCRIPTION
0010	5410483B	1	WELD, BUMPER - IS700 - RED
0020	5410486B	1	PLATE, CARB PROTECTOR - RED
0030	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
0040	5025293	2	WASHER, 3/8" GR. 9 FLAT
0050	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0060	5025158	8	WASHER, 1/2 SAE
0070	5025396	8	NUT, Hex Flange, Nylock, 1/2-13
0080	5023484	6	PLUG, PANEL, 1.25 - BLACK
0090	5410485A	1	PLATE, HEAT SHIELD, IS700 - BLK
0100	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
0110	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0120	5100139	1	SEAT BELT, RETRACTING - ASSM - RED
0130	5100267	2	SCREW, 1/2 - 13 X 1.00 SCHS
0140	5410295A	2	BAR, MOUNT, SEAT BELT, IS700Z - BLK
0150	-----	1	ROPS, IS700/IS2100/S125XT -(Refer to Note: *)
0150-10	5025017X24	4	BOLT, 1/2-13 X 3" GD5 CZ
0150-20	5025158	4	WASHER, 1/2 SAE
0150-30	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
0150-40	5103403X1	2	ANTI-RATTLE SPRING, FEMCO #230328972 (SV) -(180 Degree Bend Roll Bar)
0150-50	5105140X1	2	ANTI-RATTLE SPRING, ROPS, 165 DEGREE (SV) -(165 Degree Bend Roll Bar)
0150-60	5100013	2	PIN, HITCH, .50 X 3.25 W/ LAY (SV)
0160	5025155	4	WASHER, 5/16" SAE
0170	5025017X10	6	BOLT, 1/2-13 X 1-1/4 GD5 CZ
0180	5025011X8	2	BOLT, 5/16-18 X 1" GRD5 YZ

Footnotes:

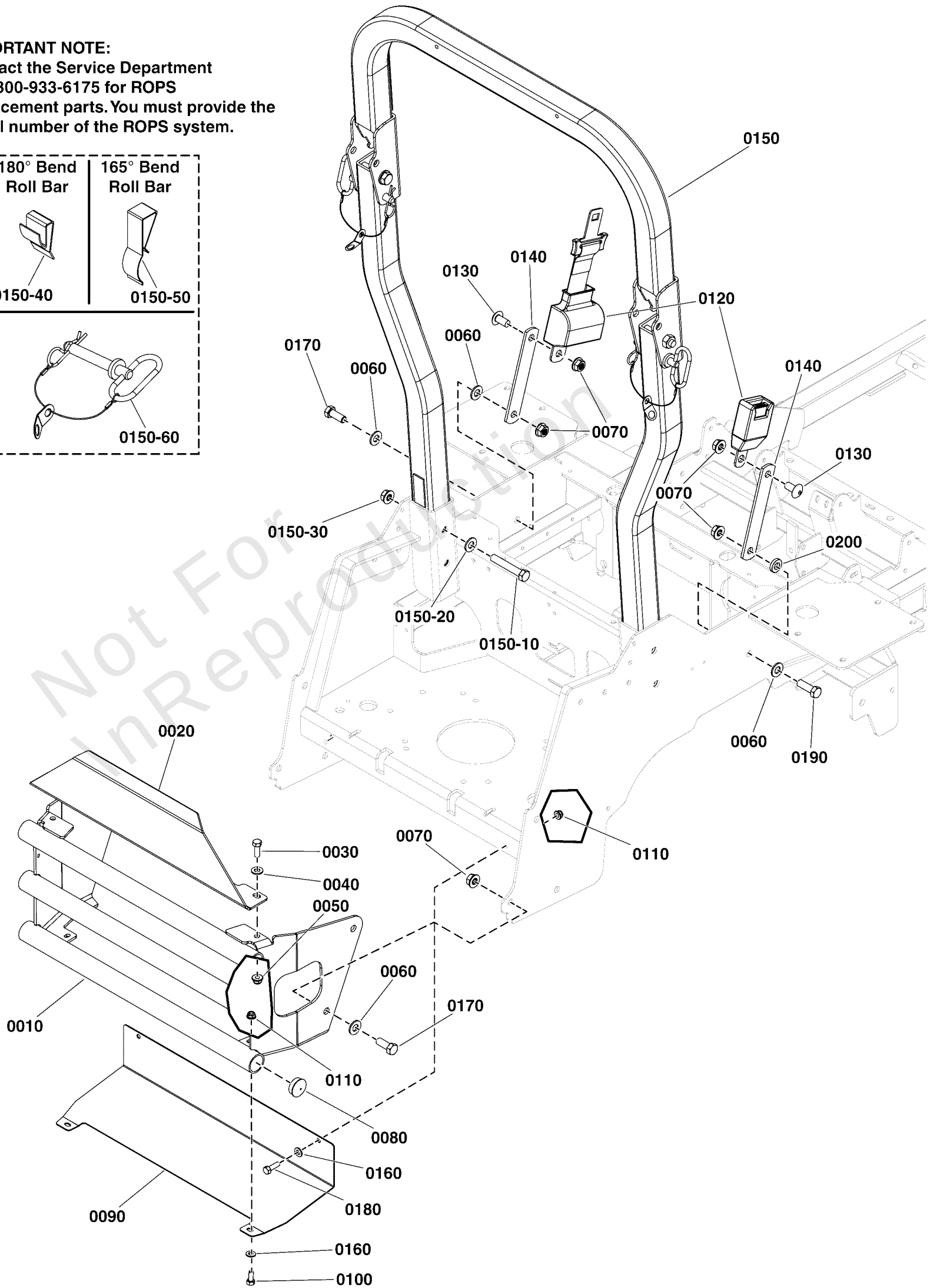
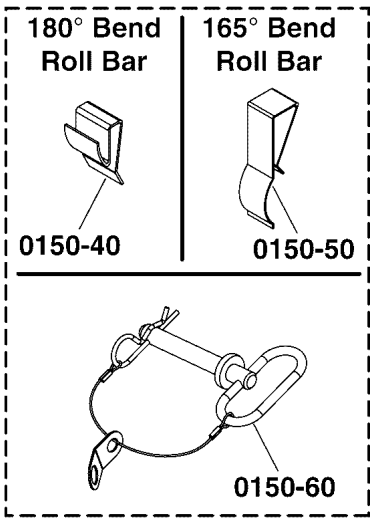
Note: *Contact the Service Department at 1-800-933-6175 for roll bar replacement parts. You must provide the serial number of the roll bar system.

Rear Bumper and ROPS Group S/N: 2018007564 to 4000015530

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

IMPORTANT NOTE:
Contact the Service Department
at 1-800-933-6175 for ROPS
replacement parts. You must provide the
serial number of the ROPS system.



Rear Bumper and ROPS Group S/N: 2018007564 to 4000015530

REF NO	PART NO	QTY	DESCRIPTION
0010	5410483B	1	WELD, BUMPER - IS700 - RED
0020	5410486B	1	PLATE, CARB PROTECTOR - RED
0030	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
0040	5025293	2	WASHER, 3/8" GR. 9 FLAT
0050	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0060	5025158	7	WASHER, 1/2 SAE
0070	5025396	8	NUT, Hex Flange, Nylock, 1/2-13
0080	5023484	6	PLUG, PANEL, 1.25 - BLACK
0090	5410485A	1	PLATE, HEAT SHIELD, IS700 - BLK
0100	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
0110	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0120	5100139	1	SEAT BELT, RETRACTING - ASSM - RED
0130	5100267	2	SCREW, 1/2 - 13 X 1.00 SCHS
0140	5410295A	2	BAR, MOUNT, SEAT BELT, IS700Z - BLK
0150	-----	1	ROPS, IS700/IS2100/S125XT -(Refer to Note: *)
0150-10	5025017X24	4	BOLT, 1/2-13 X 3" GD5 CZ
0150-20	5025158	4	WASHER, 1/2 SAE
0150-30	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
0150-40	5103403X1	2	ANTI-RATTLE SPRING, FEMCO #230328972 (SV) -(180 Degree Bend Roll Bar)
0150-50	5105140X1	2	ANTI-RATTLE SPRING, ROPS, 165 DEGREE (SV) -(165 Degree Bend Roll Bar)
0150-60	5100013	2	PIN, HITCH, .50 X 3.25 W/ LAY (SV)
0160	5025155	4	WASHER, 5/16" SAE
0170	5025017X10	5	BOLT, 1/2-13 X 1-1/4 GD5 CZ
0180	5025011X8	2	BOLT, 5/16-18 X 1" GRD5 YZ
0190	5025017X12	1	BOLT, 1/2-13 X 1-1/2 GD5 CZ
0200	5100520	1	SPACER, .52 X 1.00 X .22, PM, CZ

Footnotes:

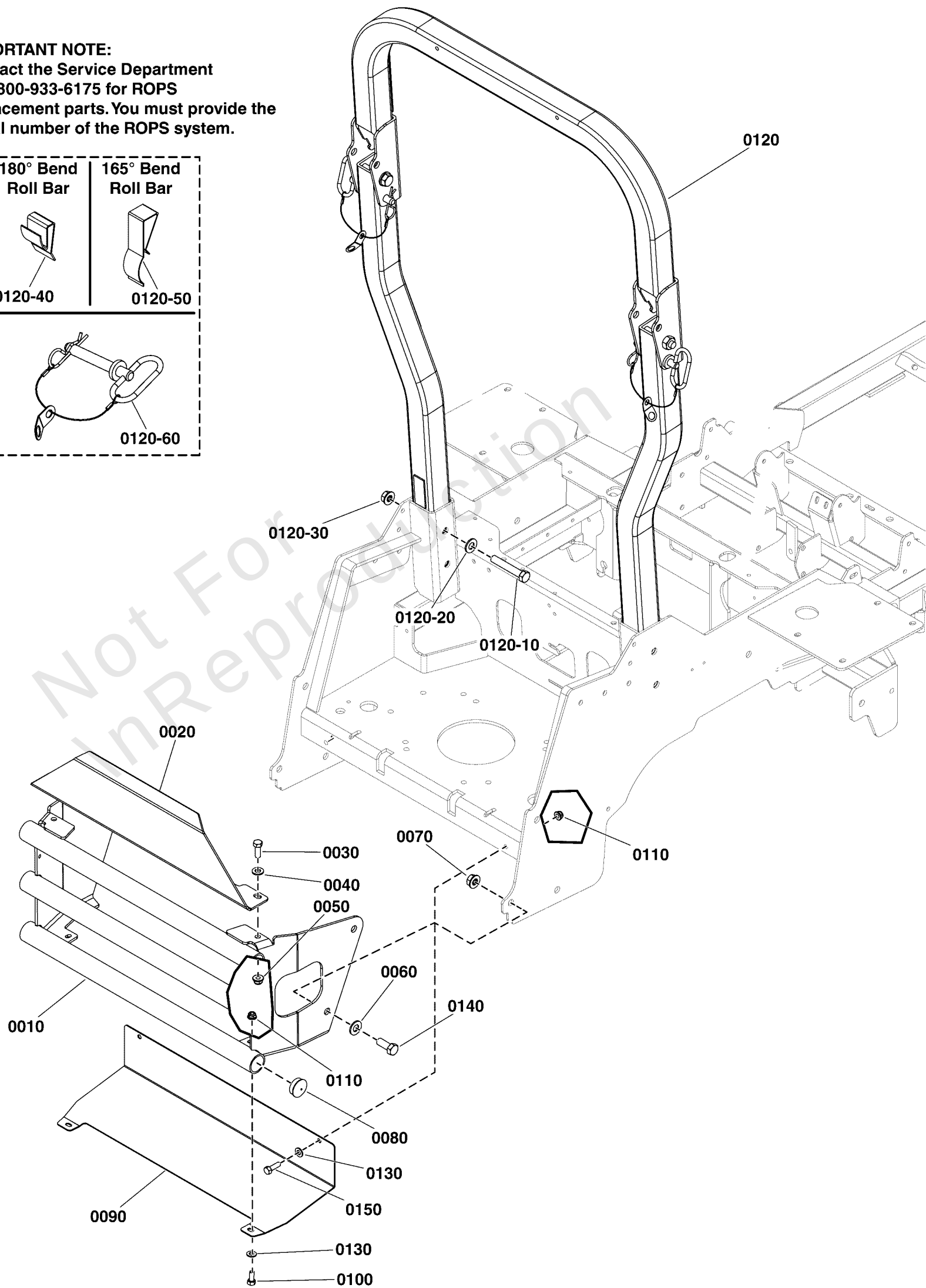
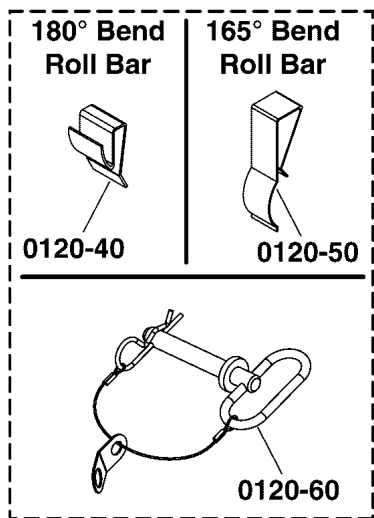
Note: *Contact the Service Department at 1-800-933-6175 for roll bar replacement parts. You must provide the serial number of the roll bar system.

Rear Bumper and ROPS Group S/N: 4000015531 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

IMPORTANT NOTE:
Contact the Service Department
at 1-800-933-6175 for ROPS
replacement parts. You must provide the
serial number of the ROPS system.



Rear Bumper and ROPS Group S/N: 4000015531 and Above

REF NO	PART NO	QTY	DESCRIPTION
0010	5410483B	1	WELD, BUMPER - IS700 - RED
0020	5410486B	1	PLATE, CARB PROTECTOR - RED
0030	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
0040	5025293	2	WASHER, 3/8" GR. 9 FLAT
0050	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0060	5025158	4	WASHER, 1/2 SAE
0070	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
0080	5023484	6	PLUG, PANEL, 1.25 - BLACK
0090	5410485A	1	PLATE, HEAT SHIELD, IS700 - BLK
0100	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
0110	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0120	-----	1	ROPS, IS700/IS2100/S125XT -(Refer to Note: *)
0120-10	5025017X24	4	BOLT, 1/2-13 X 3" GD5 CZ
0120-20	5025158	4	WASHER, 1/2 SAE
0120-30	5025396	4	NUT, Hex Flange, Nylock, 1/2-13
0120-40	5103403X1	2	ANTI-RATTLE SPRING, FEMCO #230328972 (SV) -(180 Degree Bend Roll Bar)
0120-50	5105140X1	2	ANTI-RATTLE SPRING, ROPS, 165 DEGREE (SV) -(165 Degree Bend Roll Bar)
0120-60	5100013	2	PIN, HITCH, .50 X 3.25 W/ LAY (SV)
0130	5025155	4	WASHER, 5/16" SAE
0140	5025017X10	4	BOLT, 1/2-13 X 1-1/4 GD5 CZ
0150	5025011X8	2	BOLT, 5/16-18 X 1" GRD5 YZ

Footnotes:

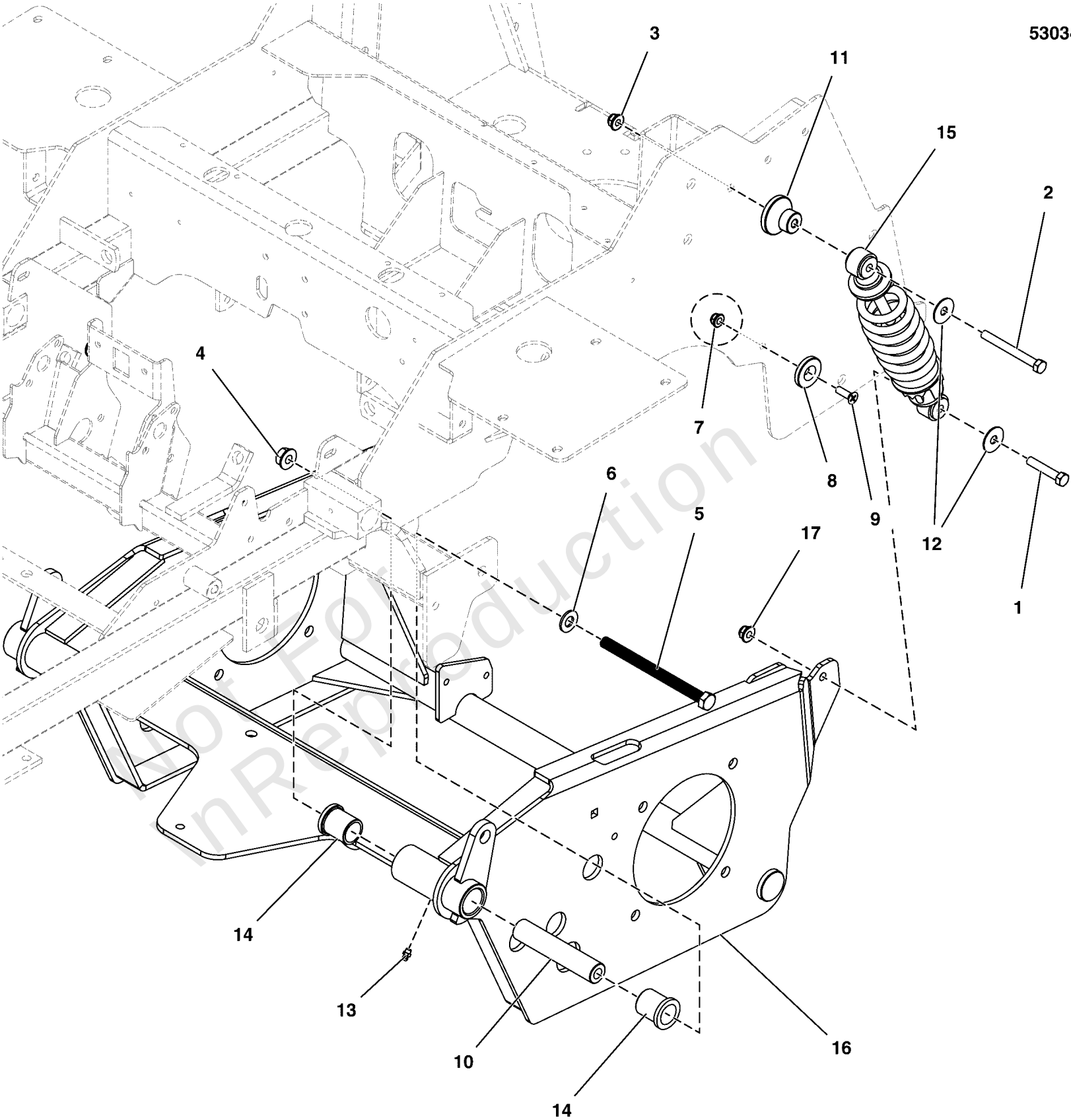
Note: *Contact the Service Department at 1-800-933-6175 for roll bar replacement parts. You must provide the serial number of the roll bar system.

Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5303403A



Rear Suspension Group

REF NO	PART NO	QTY	DESCRIPTION
1	80003522	2	HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR
2	5025013X28	2	BOLT, 3/8-16 X 3-1/2" GD5 CZ
3	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
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	5413059B	1	WELD, TRANS CARRIAGE, IS2100 - RED
17	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE

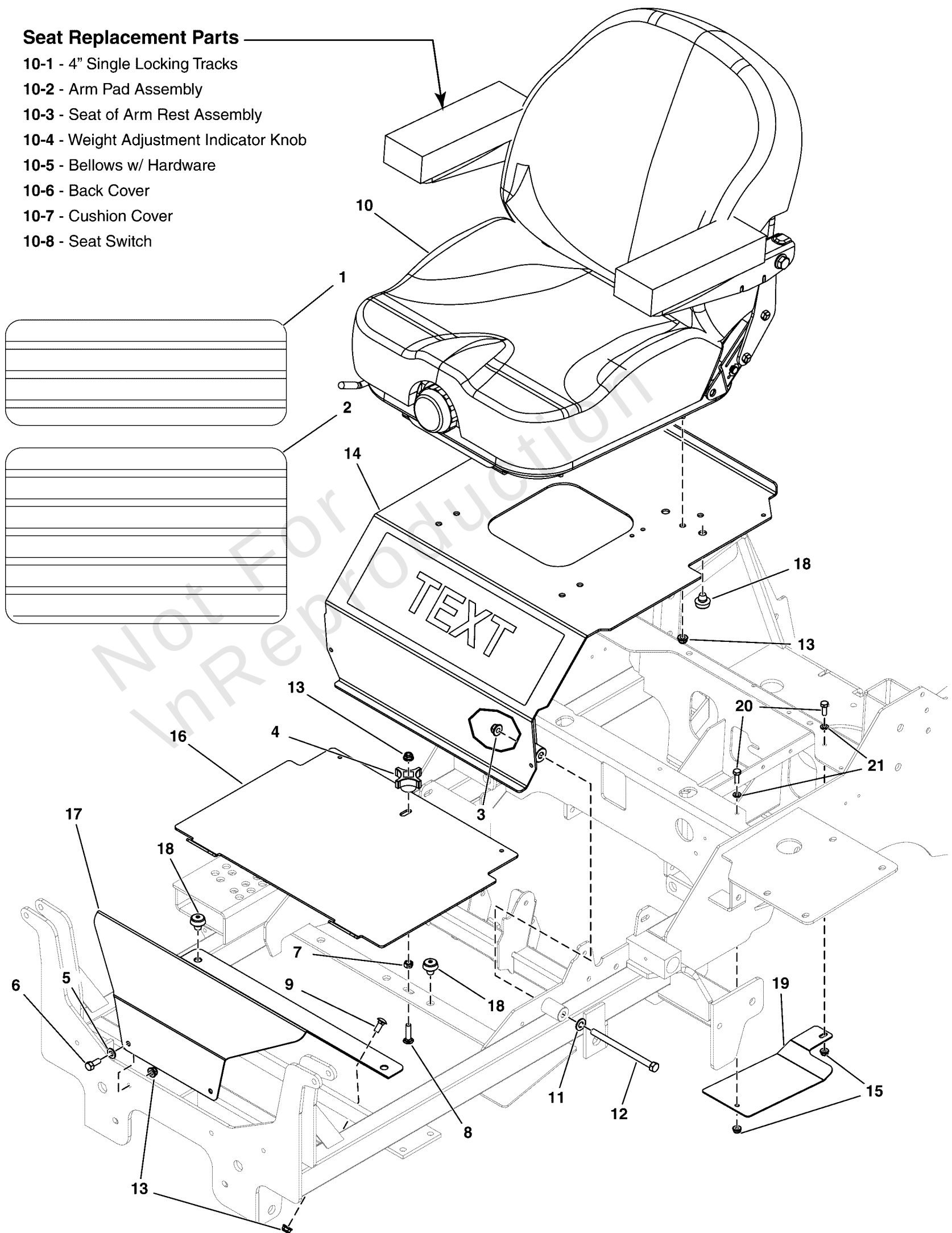
Seat Plate & Floor Group S/N: 4000015530 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

Seat Replacement Parts

- 10-1 - 4" Single Locking Tracks
- 10-2 - Arm Pad Assembly
- 10-3 - Seat of Arm Rest Assembly
- 10-4 - Weight Adjustment Indicator Knob
- 10-5 - Bellows w/ Hardware
- 10-6 - Back Cover
- 10-7 - Cushion Cover
- 10-8 - Seat Switch



Seat Plate & Floor Group S/N: 4000015530 & Below

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	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
4	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
5	5025155	2	WASHER, 5/16" SAE
6	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
7	80003675	2	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
8	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE, GD5, CZ
9	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
10	5105096	1	SEAT, MID BACK, SUSP SEAT'SINC, W/SWITCH
10-1	5104720X1	1	4" SINGLE LOCKING TRACKS BASE -(SV)
10-2	5104719X1	1	ARM PAD ASSEMBLY BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
10-3	5104719X2	1	SET OF ARMREST ASSEMBLY BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
10-4	5104720X2	1	WEIGHT ADJUST INDICATOR KNOB ASSY BASE -(SV)
10-5	5104720X3	1	BELLOWS W/ HARDWARE BASE -(SV)
10-6	5104720X4	1	BACK COVER FOR FIXED BACK I3M BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
10-7	5104720X5	1	CUSHION COVER FOR I3M BLK/CHAR CAR FIB/HARBR GRY RED WELT -(SV)
10-8	7023354	1	SWITCH, SEAT -(SV)
11	5025156	2	WASHER, 3/8 SAE
12	5025013X44	2	BOLT, 3/8-16 X 5-1/2" GD5 CZ
13	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE NUT -(Refer to Note: *)
14	5600709	1	ASSM, SEAT PLATE W/ DECALS, IS2100Z (5411749B)
15	5025126	3	NUT, Hex, Serrated Flange, 1/4-20
16	5410296B	1	PLATE, FLOOR, REMOVABLE, S125XT - RED
17	5410763B	1	PLATE, FRONT FLOOR, IS2000Z - RED
18	197546	10	MNT, VBRTN, RBBR
19	5416133A	1	GUARD, DEBRIS, IS2100Z - BLK
20	5025010X6	3	BOLT, 1/4"-20 X 3/4" GD5 YZ
21	5025154	3	WASHER, 1/4 SAE

Footnotes:

Note: *Older models featured a nut on top of the knob.

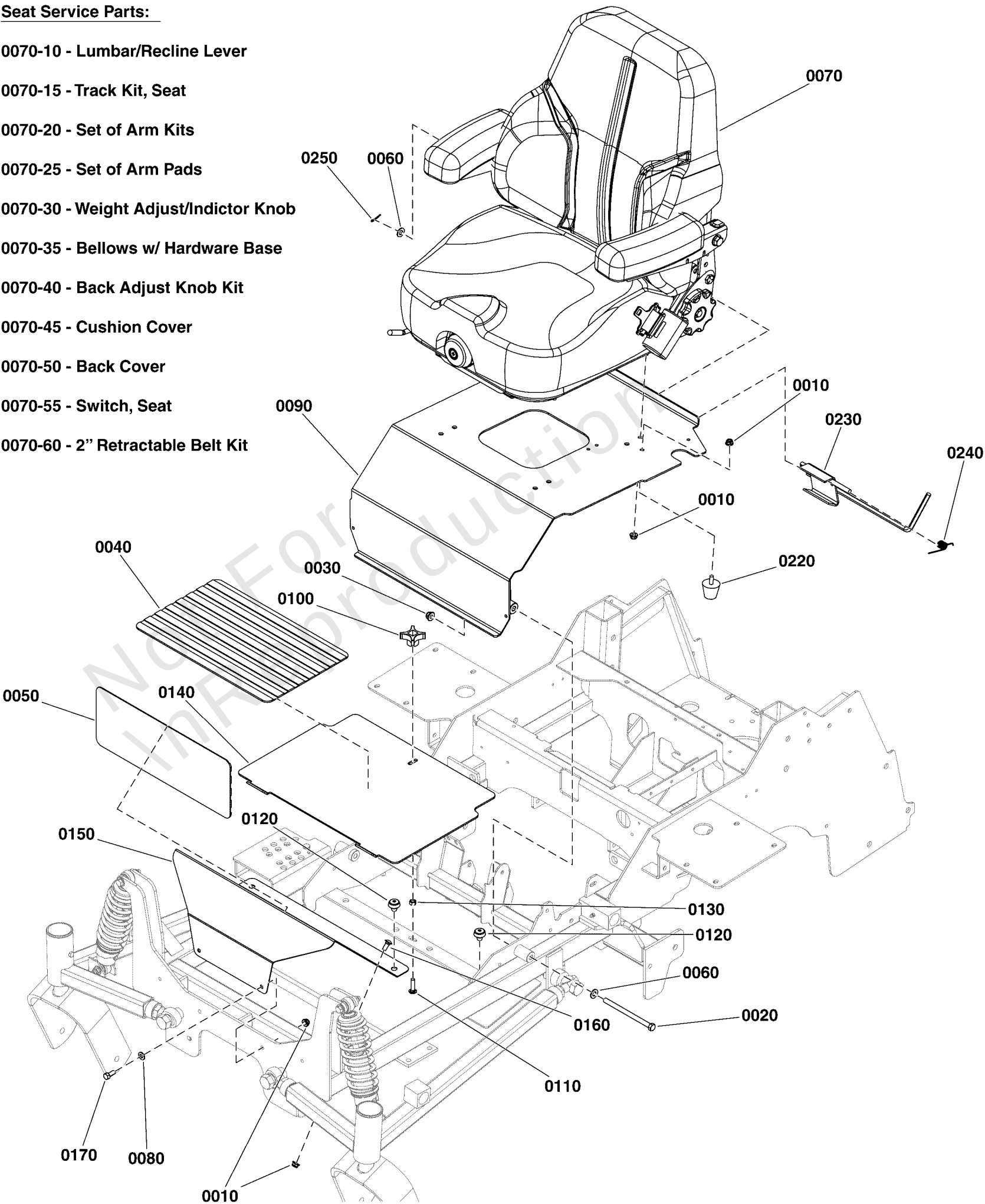
Seat Plate & Floor Group S/N: 4000015531 to 4000875836

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

Seat Service Parts:

- 0070-10 - Lumbar/Recline Lever
- 0070-15 - Track Kit, Seat
- 0070-20 - Set of Arm Kits
- 0070-25 - Set of Arm Pads
- 0070-30 - Weight Adjust/Indicator Knob
- 0070-35 - Bellows w/ Hardware Base
- 0070-40 - Back Adjust Knob Kit
- 0070-45 - Cushion Cover
- 0070-50 - Back Cover
- 0070-55 - Switch, Seat
- 0070-60 - 2" Retractable Belt Kit



Seat Plate & Floor Group S/N: 4000015531 to 4000875836

REF NO	PART NO	QTY	DESCRIPTION
0010	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0020	5025013X44	2	BOLT, 3/8-16 X 5-1/2" GD5 CZ
0030	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0040	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X17.13
0050	5101374	1	SAFETY WALK, FLOOR REST, 16.00 X 6.00
0060	5025156	3	WASHER, 3/8 SAE
0070	5106325	1	SEAT, HIGH BACK, SUSP, SWITCH&SEAT BELTS
0070-10	5105099X2	1	LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS -(SV)
0070-15	5104720X1	1	4" SINGLE LOCKING TRACKS BASE -(SV)
0070-20	5106325X2	1	SET OF ARM KITS -(SV)
0070-25	5106325X3	1	SET OF ARM PADS -(SV)
0070-30	5104720X2	1	WEIGHT ADJUST INDICATOR KNOB ASSY BASE -(SV)
0070-35	5104720X3	1	BELLOWS W/ HARDWARE BASE -(SV)
0070-40	5106325X4	1	BACK ADJUSTMENT KNOB KIT -(SV)
0070-45	5106325X6	1	CUSHION COVER, 314659VN584 -(SV)
0070-50	5106325X1	1	SEAT BACK COVER, 314658VN584 -(SV)
0070-55	7023354	1	SWITCH, SEAT -(SV)
0070-60	5106325X5	1	2" RETRACTABLE BELT KIT -(SV)
0080	5025155	2	WASHER, 5/16" SAE
0090	5601210	1	SEAT PLATE W/ DECALS, IS2100Z, ST LTCH
0100	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
0110	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE, GD5, CZ
0120	197546	6	MNT, VBRTN, RBBR
0130	80003675	1	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
0140	5410296B	1	PLATE, FLOOR, REMOVABLE, S125XT - RED
0150	5410763B	1	PLATE, FRONT FLOOR, IS2000Z - RED
0160	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
0170	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
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

Seat Plate & Floor Group S/N: 4000875837 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

Seat Service Parts:

0070-10 - Lumbar/Recline Lever

0070-15 - Track Kit, Seat

0070-20 - Set of Arm Kits

0070-25 - Set of Arm Pads

0070-30 - Weight Adjust/Indicator Knob

0070-35 - Bellows w/ Hardware Base

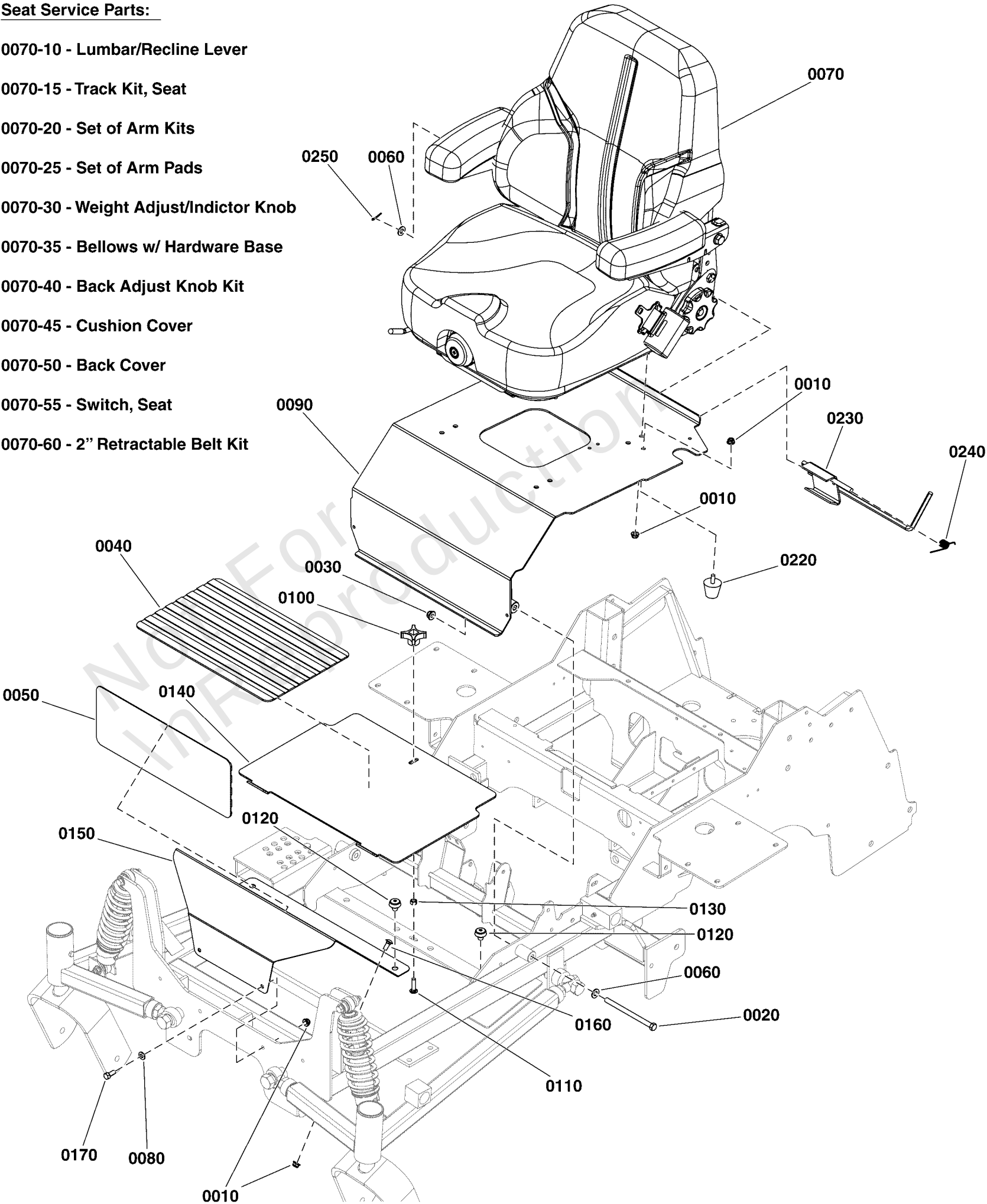
0070-40 - Back Adjust Knob Kit

0070-45 - Cushion Cover

0070-50 - Back Cover

0070-55 - Switch, Seat

0070-60 - 2" Retractable Belt Kit



Seat Plate & Floor Group S/N: 4000875837 and Above

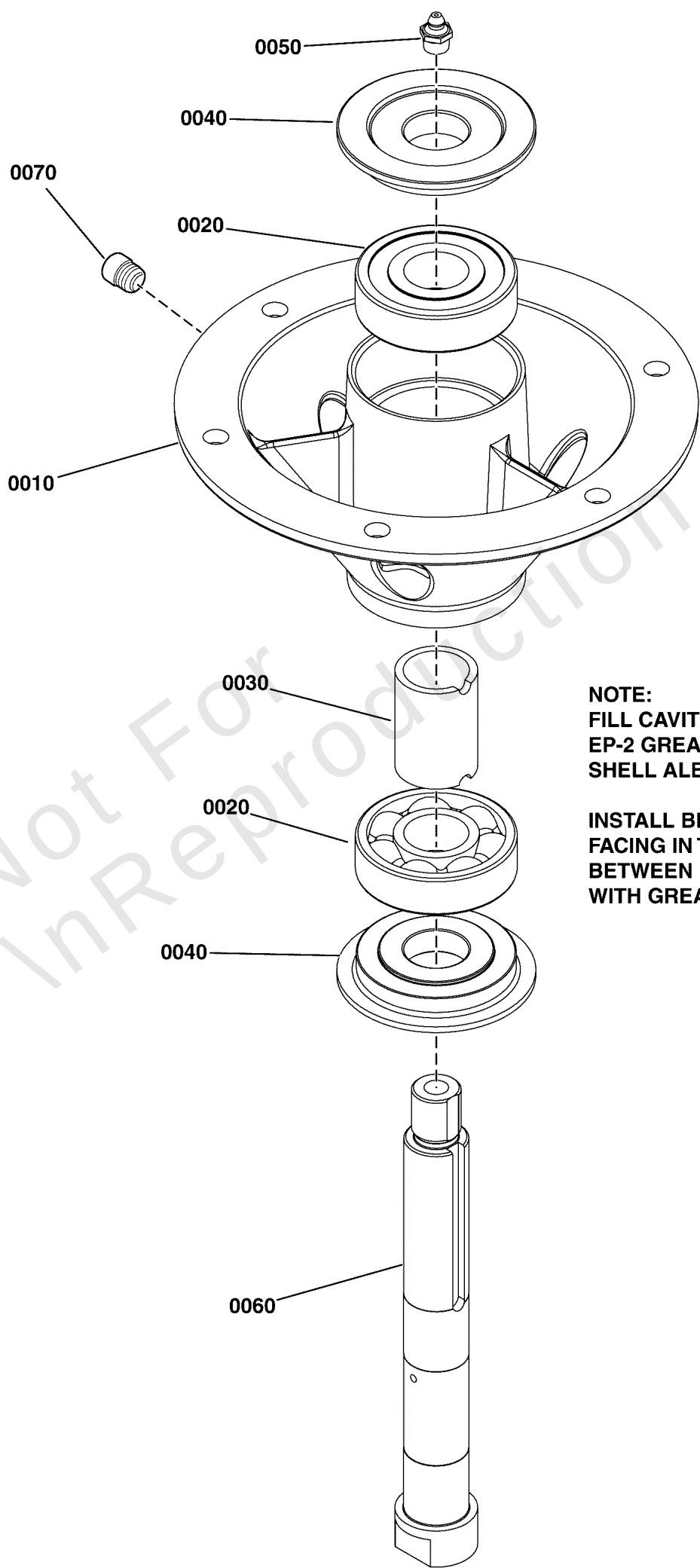
REF NO	PART NO	QTY	DESCRIPTION
0010	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0020	5025013X44	2	BOLT, 3/8-16 X 5-1/2" GD5 CZ
0030	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0040	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X17.13
0050	5101374	1	SAFETY WALK, FLOOR REST, 16.00 X 6.00
0060	5025156	3	WASHER, 3/8 SAE
0070	5108194	1	SEAT, HIGH BACK,SUSP,SWITCH & SEAT BELTS
0070-10	5105099X2	1	LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS -(SV)
0070-15	5104720X1	1	4" SINGLE LOCKING TRACKS BASE -(SV)
0070-20	5106325X2	1	SET OF ARM KITS -(SV)
0070-25	5106325X3	1	SET OF ARM PADS -(SV)
0070-30	5104720X2	1	WEIGHT ADJUST INDICATOR KNOB ASSY BASE -(SV)
0070-35	5104720X3	1	BELLOWS W/ HARDWARE BASE -(SV)
0070-40	5106325X4	1	BACK ADJUSTMENT KNOB KIT -(SV)
0070-45	5106325X6	1	CUSHION COVER, 314659VN584 -(SV)
0070-50	5108194X2	1	SEAT BACK COVER -(SV)
0070-55	7023354	1	SWITCH, SEAT -(SV)
0070-60	5106325X5	1	2" RETRACTABLE BELT KIT -(SV)
0080	5025155	2	WASHER, 5/16" SAE
0090	5601210	1	SEAT PLATE W/ DECALS, IS2100Z, ST LTCH
0100	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
0110	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE, GD5, CZ
0120	197546	6	MNT, VBRTN, RBBR
0130	80003675	1	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
0140	5410296B	1	PLATE, FLOOR, REMOVABLE, S125XT - RED
0150	5410763B	1	PLATE, FRONT FLOOR, IS2000Z - RED
0160	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
0170	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
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

Spindle Service Parts - 5104744

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578

5104744



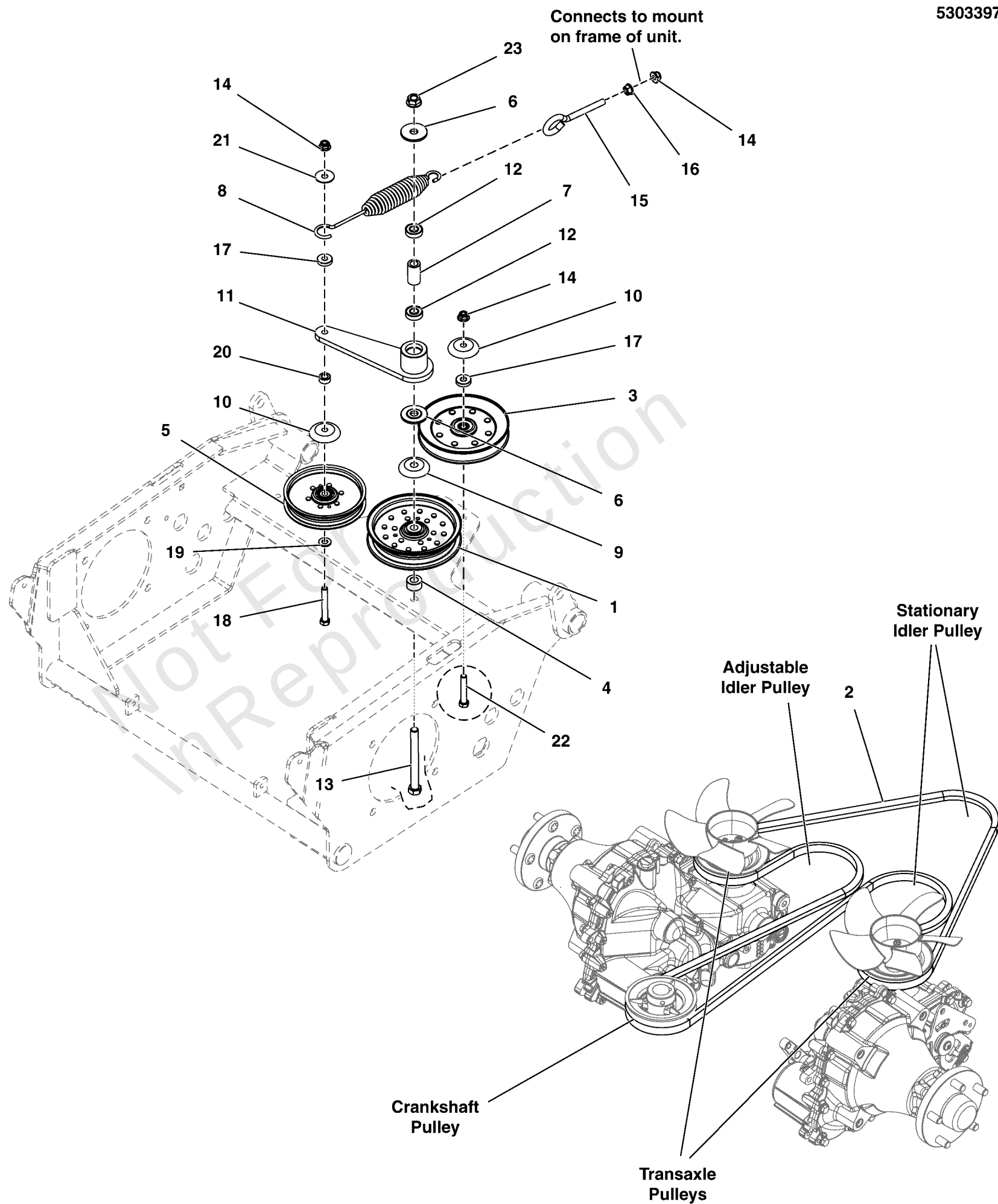
NOTE:
FILL CAVITY WITH NLGI, GRADE 2,
EP-2 GREASE (SUPERPLEX EP-2,
SHELL ALBIDA LCW, BP ENERGREASE LC)

**INSTALL BEARINGS WITH OPEN SIDE
FACING IN TOWARDS SPACER. FILL AREA
BETWEEN BEARING AND TRASH SHIELD
WITH GREASE DURING ASSEMBLY.**

Spindle Service Parts - 5104744

REF NO	PART NO	QTY	DESCRIPTION
0010	5104807	1	SUB ASM, SPINDLE, SMALL IRON -(Includes Ref Nos 2 & 3)
0020	5023330	2	BEARING, .98 X 2.44 X .67
0030	5061099	1	SPACER, 1.00 X 1.25 X 1.75
0040	5049793	2	TRASH SHIELD
0050	5023329	1	FITTING, 1/8 NPT STR, SHORT
0060	5061100	1	SHAFT, SPINDLE
0070	5023296	1	FITTING, RELIEF, 1-5 PSI

5303397A



Transaxle Drive Group

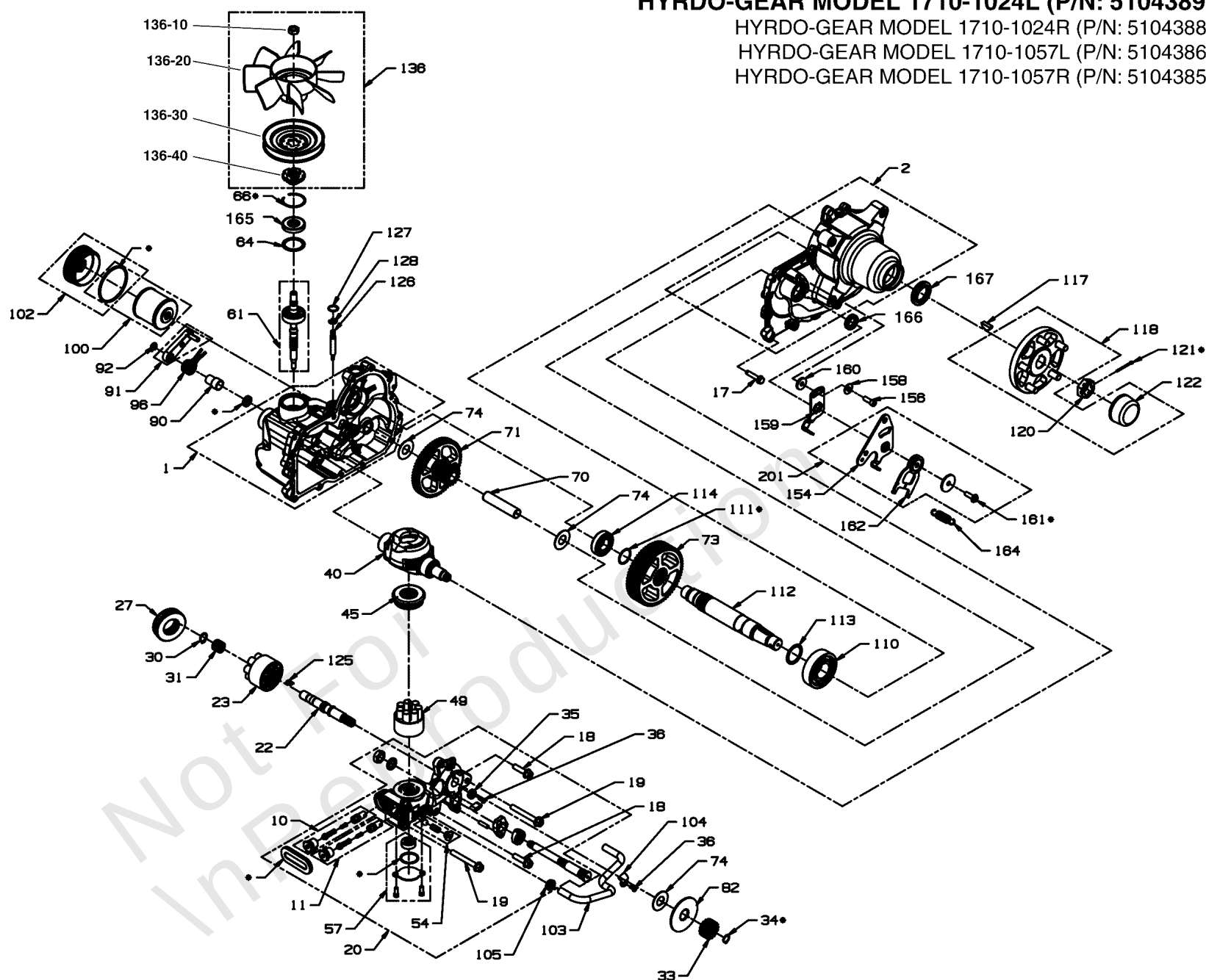
REF NO	PART NO	QTY	DESCRIPTION
1	5101794	1	PULLEY, IDLER, 5" OD, 1"FACE, 5.75 FL
2	5103907	1	BELT, B-SEC, 123"EL, TRANSAXLE DRIVE, ARAMID, WRPD
3	5102093	1	PULLEY-IDLER-V, 5.83OB, .38ID, .94W, STL
4	5101162	1	SPACER, .52 X 1.00 X .56, CZ
5	5103789	1	PULLEY, C-SEC, V-IDLER, 6.25"ODX3/8ID
6	5103262	2	SPACER, 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 -(Coil-to-coil measurement: 6-3/4")
9	5101103	1	SHIELD, PULLEY BEARING, CZ
10	5103787	2	SHIELD, BEARING PULLEY, 3/8ID, CZ
11	5412787A	1	WELD, IDLER ARM, PUMP DRIVE, 6.38 - 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	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
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

HYRDO-GEAR MODEL 1710-1024L (P/N: 5104389)

HYRDO-GEAR MODEL 1710-1024R (P/N: 5104388)

HYRDO-GEAR MODEL 1710-1057L (P/N: 5104386)

HYDRDO-GEAR MODEL 1710-1057R (P/N: 5104385)



200 - SEAL KIT (*) PARTS INCLUDED IN SEAL KIT

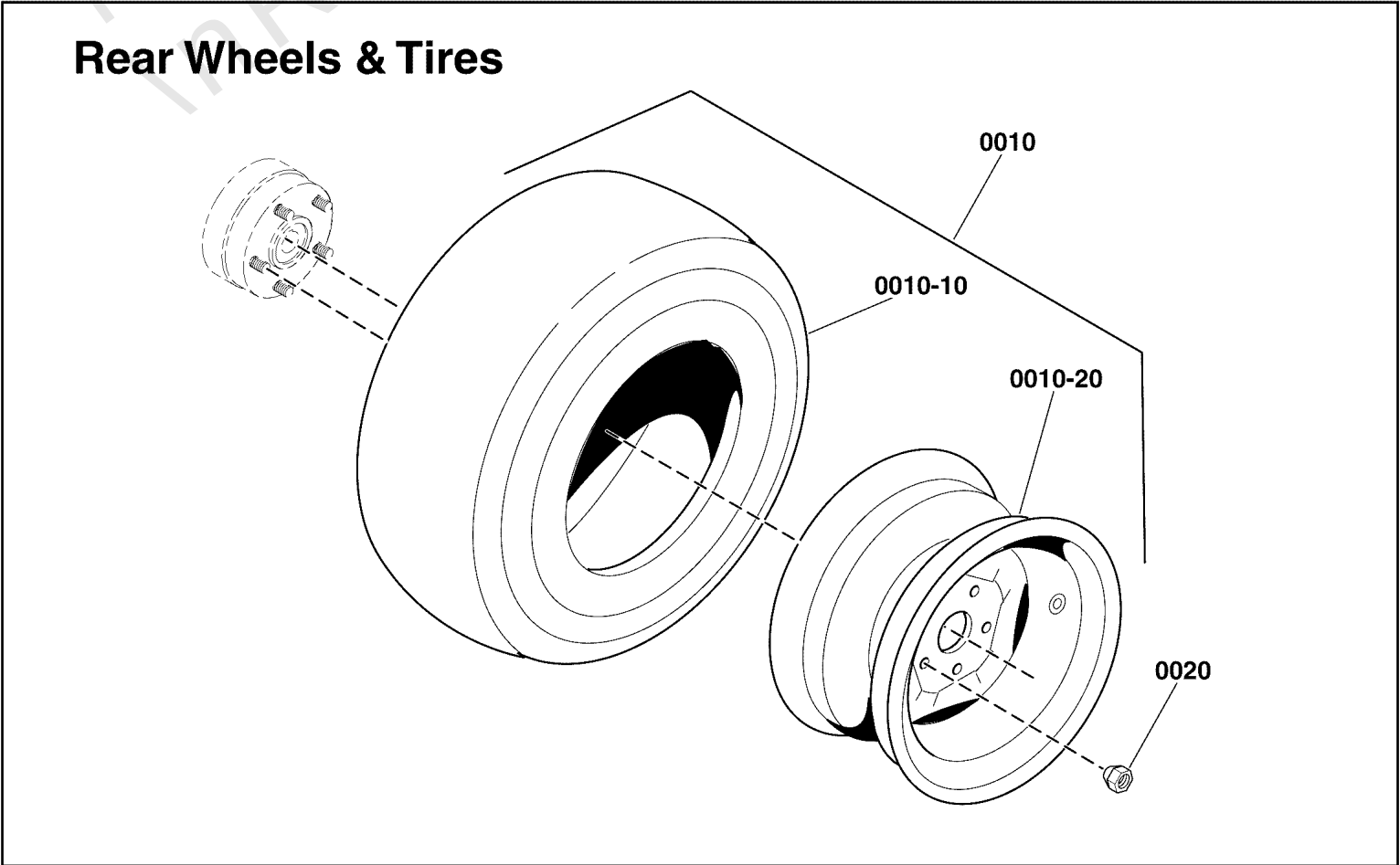
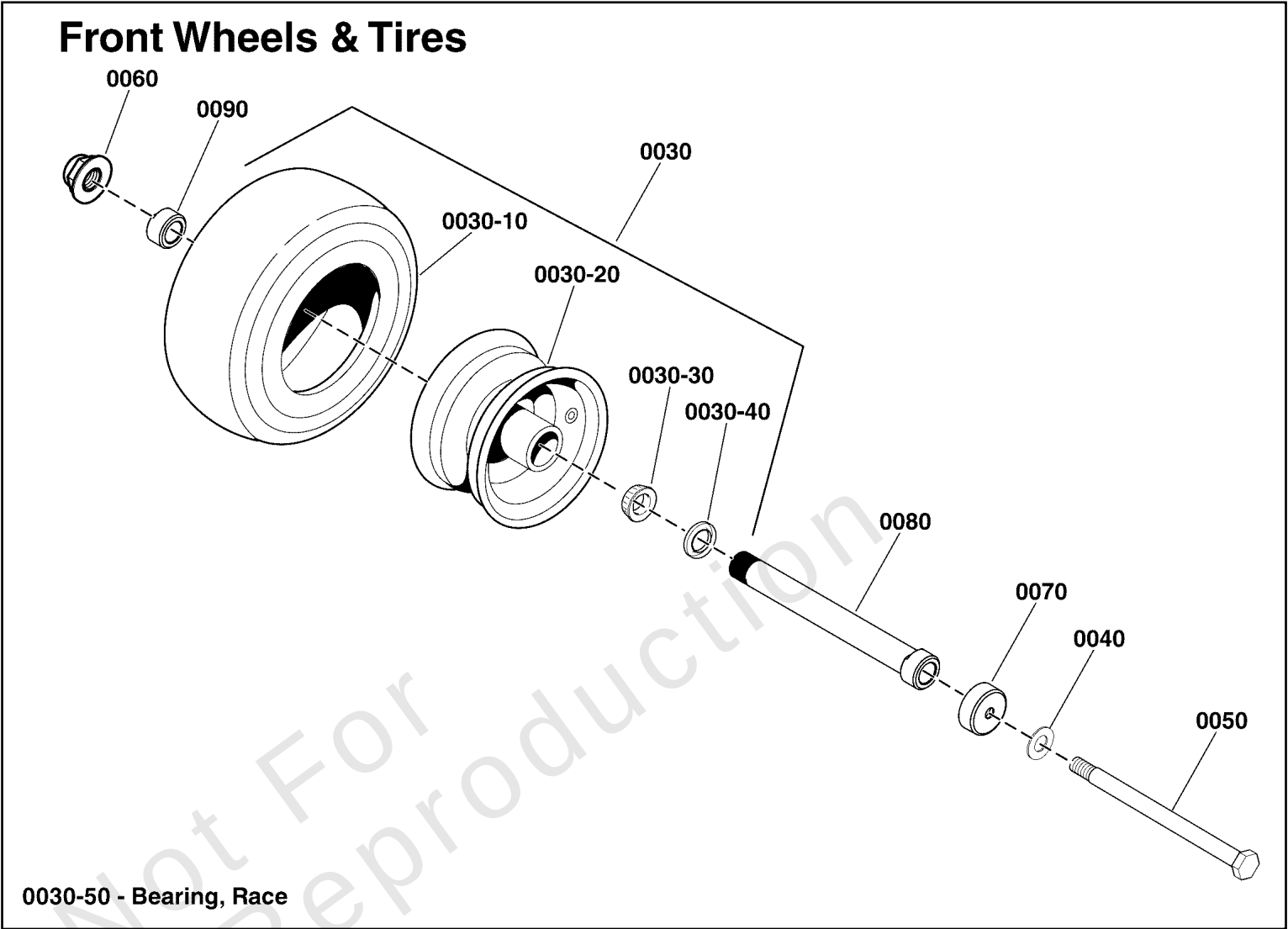
Transaxle SERVICE PARTS - ZT4400

REF NO	PART NO	QTY	DESCRIPTION
61	5104385X3	1	KIT, INPUT SHAFT (BEARING & SHAFT ONLY) (SV) -(72523)
92	5104652	1	RETAINING RING, BRAKE ARM, ZT4400 (SV) -(53019)
100	5104385X1	1	KIT, FILTER (SV) -(72537)
118	5104385X7	1	KIT, HUB 5 BOLT (SV) -(72473)
122	5101987X5	1	AXLE CAP (SV) -(53724)
136	5104387	1	KIT, FAN/PULLEY (SV) -(72476)(Includes items 136-10, 136-20, 136-30, and 136-40)
136-10	5102916	1	NUT, ZT5400 -(44133)
136-20	5105330	1	FAN, ZT-4400, H/G#54084, SRSZ3 & IS2100 -(54084)
136-30	5105333	1	PULLEY, ZT-4400, H/G#54231, IS2100 -(54231)
136-40	5105332	1	HUB, ZT-4400, H/G#54087, SRSZ3 & IS2100 -(54087)
165	5104385X4	1	KIT, INPUT SEAL (SV) -(51092)
166	5104385X6	1	KIT, CONTROL ARM SEAL (SV) -(52989)
167	5104385X5	1	KIT, AXLE SEAL (SV) -(53008)
200	5104385X2	1	KIT, SEAL (SV) -(72523)

Wheel and Tire Group S/N: 4000771923 and Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578



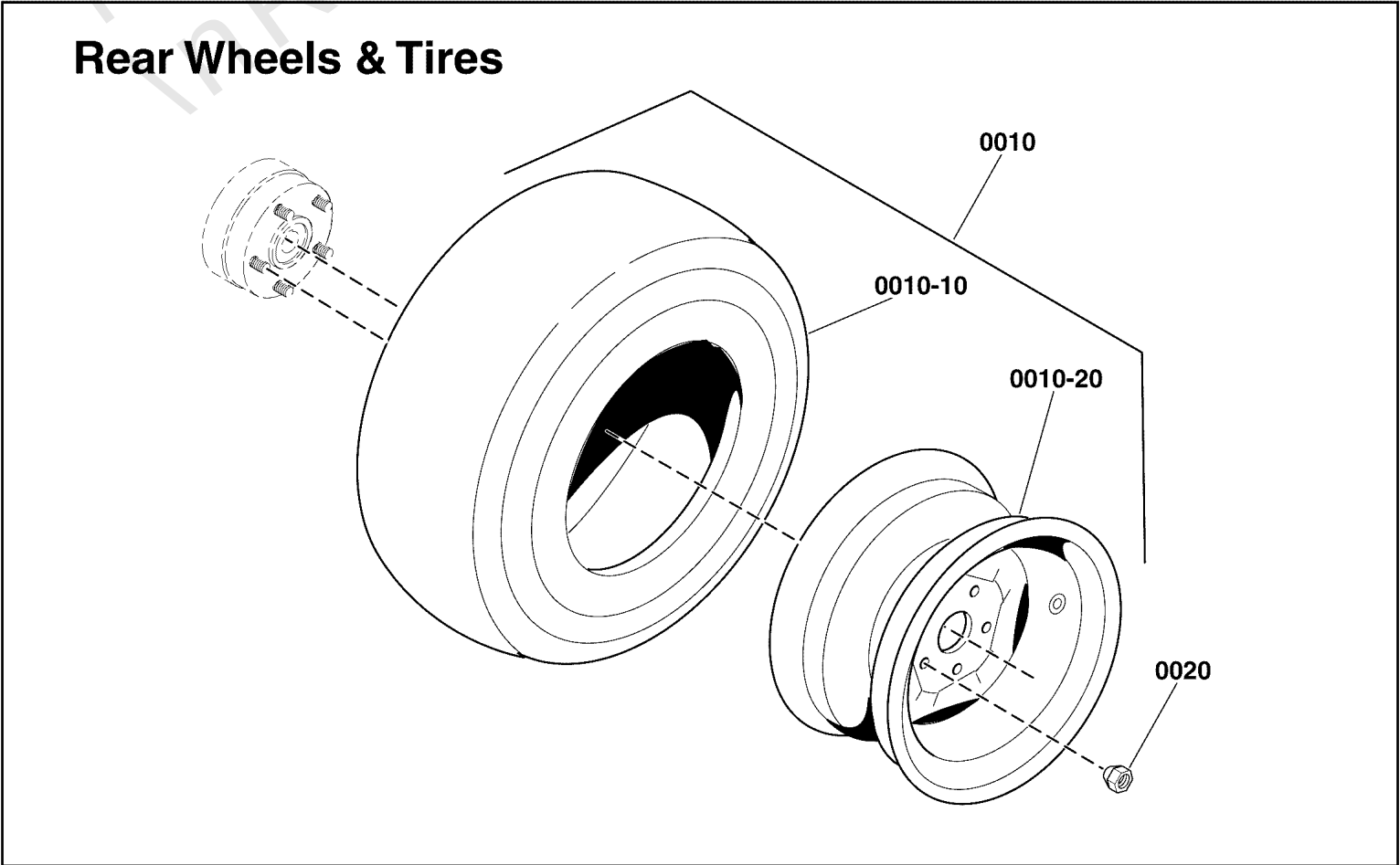
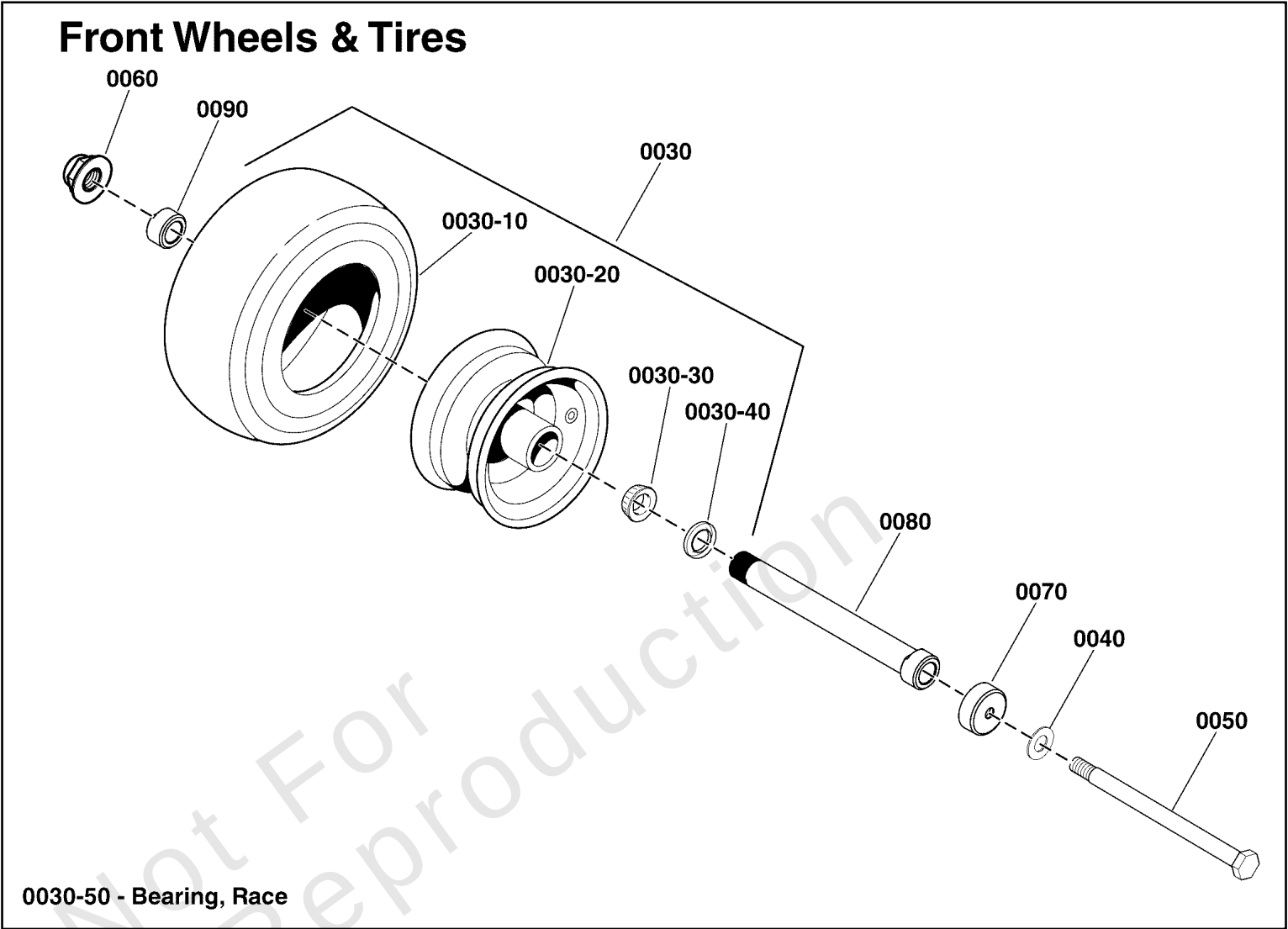
Wheel and Tire Group S/N: 4000771923 and Below

REF NO	PART NO	QTY	DESCRIPTION
0010	5104029	2	TIRE/WHEEL ASM, 24 X 12.00-12, TURF SMART
0010-10	5104029X1	2	TIRE, 24X12.00-12, TURF SMART -(One per tire)
0010-20	5023364	2	WHEEL ASSEMBLY, 12 x 8.5 -(One per tire)
0020	5020601	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER
0030	5023136	2	WHEEL & TIRE ASSEMBLY, 13 x 6.5 x 6, Complete
0030-10	5022577	2	TIRE, Rubber Only -(One per tire)
0030-20	5023136X1	2	WHEEL ASSEMBLY, FOR 13 X 6.5 X 6 TIRES (INCLUDES BEARING AND SEALS) -(One per tire)
0030-30	5022631SX2	4	BEARING, Tapered Roller -(Two per tire)
0030-40	5022631SX3	4	SEAL, GREASE -(Two per tire)
0030-50	5022631SX4	2	BEARING, RACE -(One per tire)
0040	5025158	2	WASHER, 1/2 SAE
0050	5025017X72	2	BOLT, 1/2-13 X 9" GD5 YZ
0060	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
0070	5103594	4	DEBRIS, COVER, CASTER WHEELS
0080	5103649	2	BEARING ADJUSTER, SPACER, 7.062 LG
0090	5103650	2	NUT, BEARING ADJUSTER, AXLE

Wheel and Tire Group S/N: 4000771924 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901578



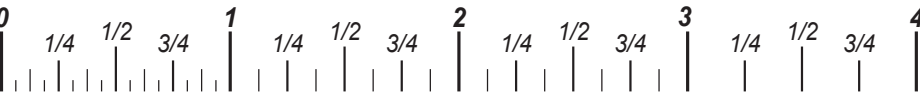
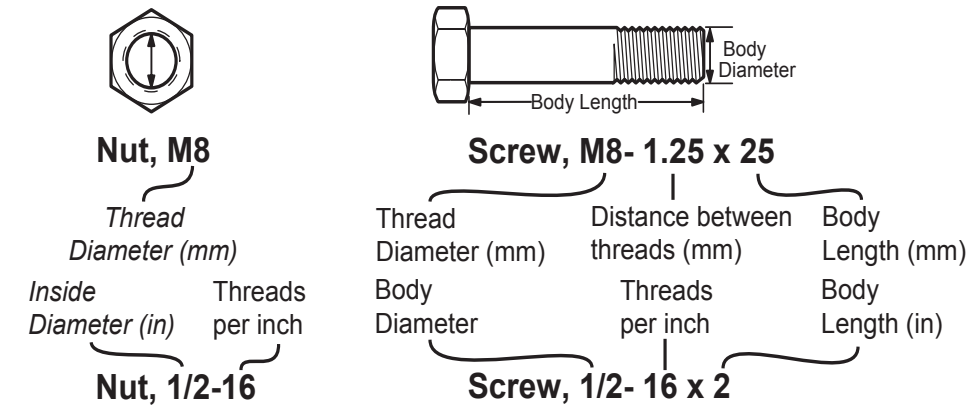
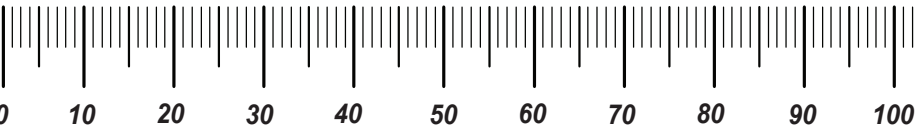
Wheel and Tire Group S/N: 4000771924 and Above

REF NO	PART NO	QTY	DESCRIPTION
0010	5023365	2	TIRE ASSM, 24 X 12 - 12, TURF, 5 BOLT
0010-10	5023240X1	2	TIRE, REAR, 24 x 12 x 12 (SV) -(One per tire)
0010-20	5023364	2	WHEEL ASSEMBLY, 12 x 8.5 -(One per tire)
0020	5020601	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER
0030	5023136	2	WHEEL & TIRE ASSEMBLY, 13 x 6.5 x 6, Complete
0030-10	5022577	2	TIRE, Rubber Only -(One per tire)
0030-20	5023136X1	2	WHEEL ASSEMBLY, FOR 13 X 6.5 X 6 TIRES (INCLUDES BEARING AND SEALS) -(One per tire)
0030-30	5022631SX2	4	BEARING, Tapered Roller -(Two per tire)
0030-40	5022631SX3	4	SEAL, GREASE -(Two per tire)
0030-50	5022631SX4	2	BEARING, RACE -(One per tire)
0040	5025158	2	WASHER, 1/2 SAE
0050	5025017X72	2	BOLT, 1/2-13 X 9" GD5 YZ
0060	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
0070	5103594	4	DEBRIS, COVER, CASTER WHEELS
0080	5103649	2	BEARING ADJUSTER, SPACER, 7.062 LG
0090	5103650	2	NUT, BEARING ADJUSTER, AXLE

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).

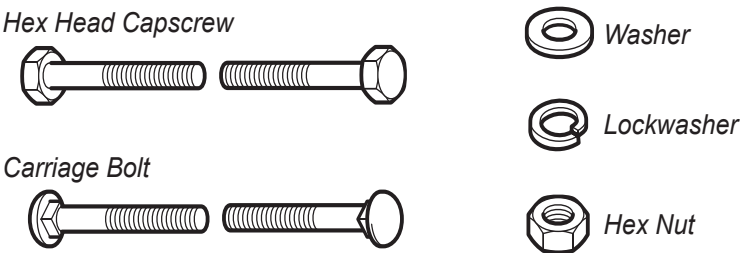
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

