



Parts Manual

Mfg. No: 5900856
SW30KAV2061, 61" Walk Behind Mower

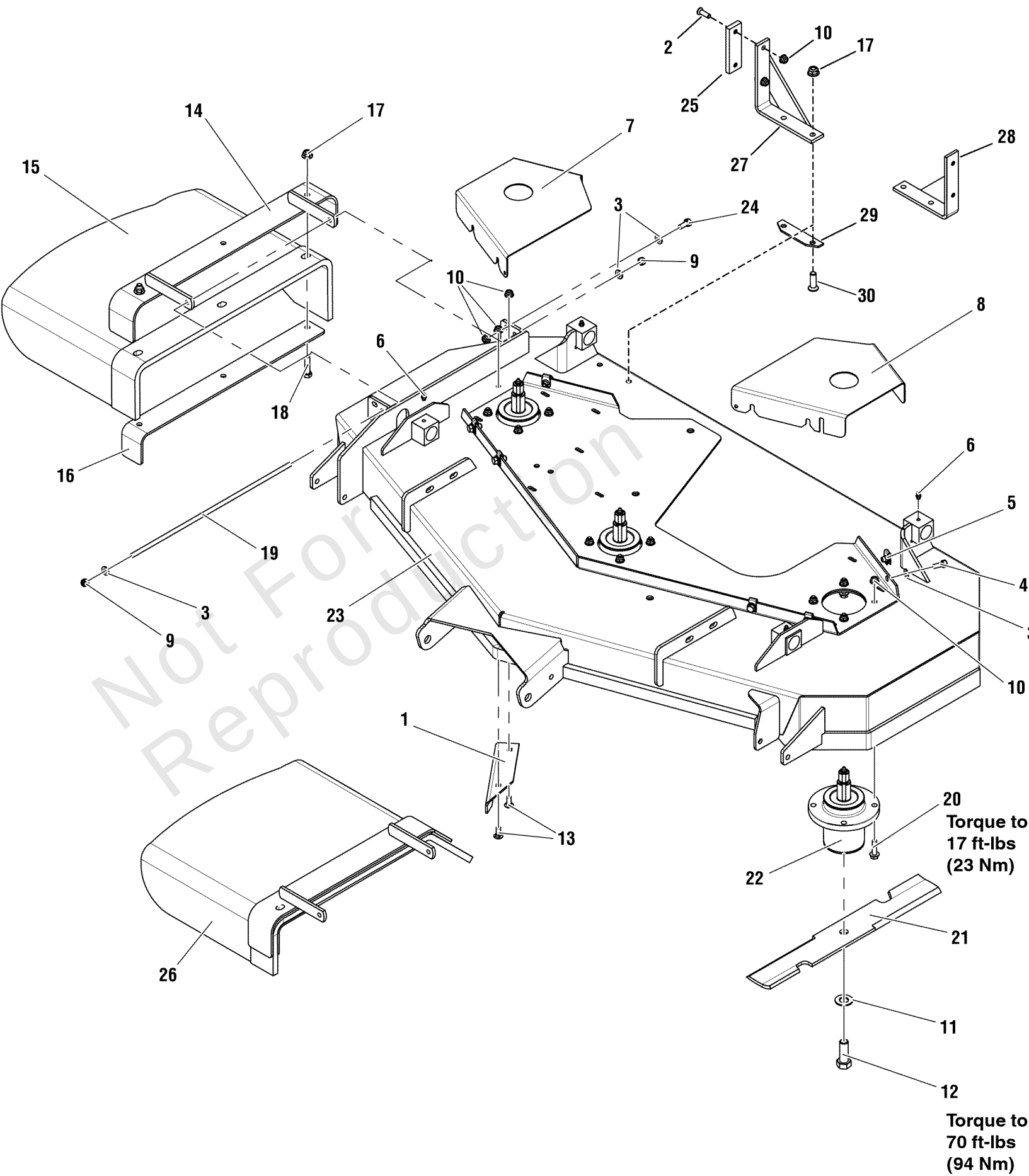
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61" Mower Deck - Housing, Covers, Spindles & Blades

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301740



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

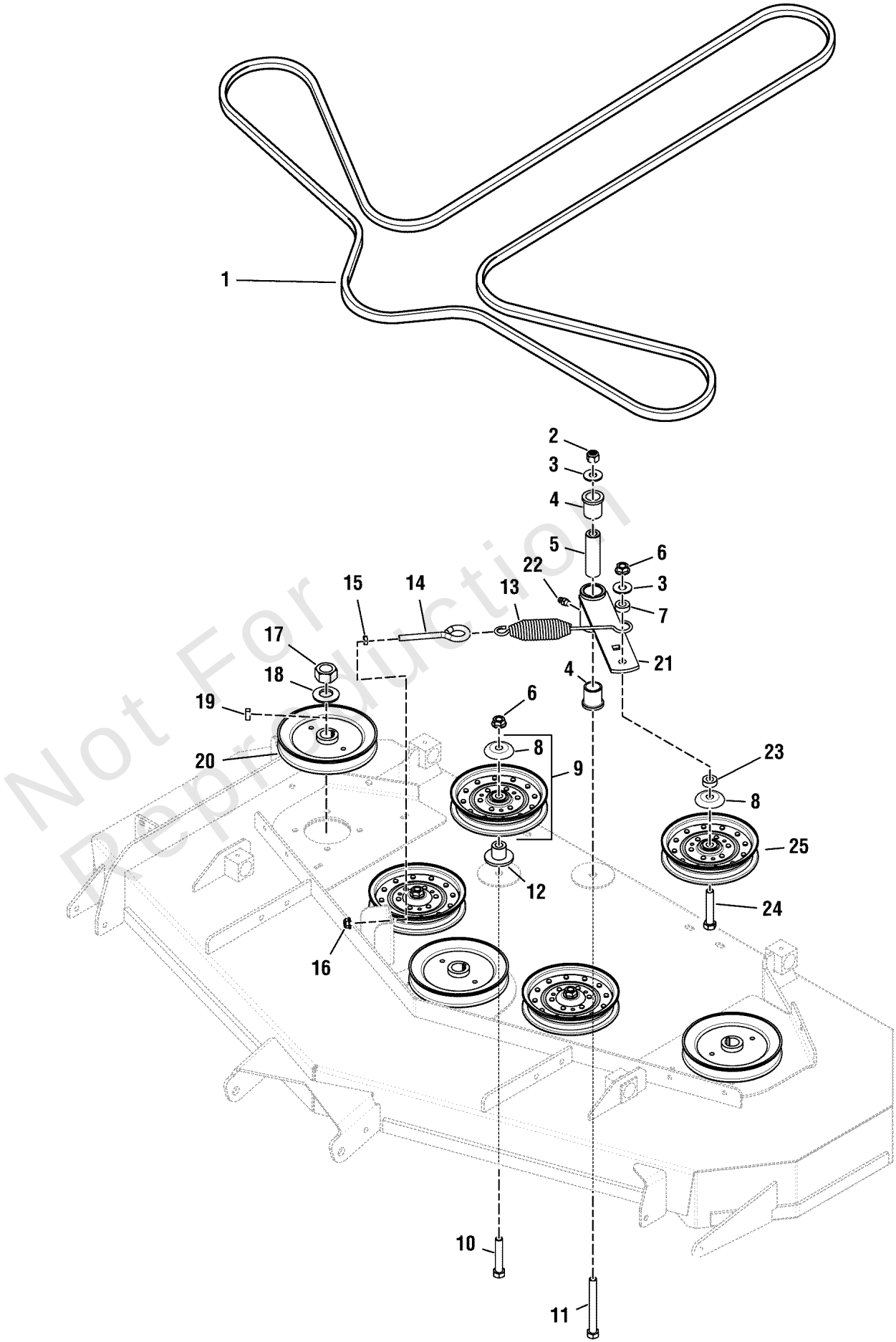
REF NO	PART NO	QTY	DESCRIPTION
1	5401344A	1	PLATE, DEFLECTOR - BLK
2	5025594	4	SCREW, 5/16-18 X 1, PHILLIPS HD, BZ
3	5025155	9	WASHER, 5/16" SAE
4	5025011X8	6	BOLT, 5/16-18 X 1 GD5 YZ
5	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
6	5020095	4	GREASE FITTING, 1/4-28 STRAIGHT
7a	5408519D	1	GUARD, DECK, 61, RH, SW30 - RED -(S/N: 2014739348 & Above)
7b	5405537D	1	GUARD, DECK, 61, RH, SW20 - RED -(S/N: 2014739347 & Below)
8a	5407396D	1	GUARD, DECK, 61, LH, SW30 - RED -(S/N: 2014739348 & Above)
8b	5405538D	1	GUARD, DECK, 61, LH, SW20 - RED -(S/N: 2014739347 & Below)
9	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
10	5025392	23	NUT, 5/16-18 HEX NYLOCK FLANGE
11	5025477	3	WASHER, 5/8 GRADE 8, YZ
12	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
13	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
14	5061293D	1	WELD, FRAME, CHUTE, 61" - RED
15	5402403	1	CHUTE, DISCHARGE, BEND RUBBER 61"
16	5402360A	1	SUPPORT, DISCHARGE CHUTE - BLK
17	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
18	5025013X12	2	BOLT, 3/8-16 X 1-1/2" GD5 CZ
19	5042555	1	ROD, 5/16 X 13.75, TBE
20	5023156	12	BOLT, 5/16-18 X 1 1/4 FLANGE
21a	5020842S	1	BLADE SET, 61 DECK (SET OF 3 BLADES) -(S/N: 2015251378 & Below)
21b	5101755S	1	BLADE, 21" (SET OF 3) -(S/N: 2015251379 & Above)
22	5061095	3	ASSM, SPINDLE, LOW PROFILE -(Nut and Washer sold seperately)
23a	5600512	1	DECK SHELL W/ DECALS, SW30 61 -(S/N: 2014739348 & Above)
23b	5600376	1	DECK SHELL W/ DECALS, 61, SW30 -(S/N: 2014739347 & Below)
24	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
25	5102702	2	PAD, FRICTION, .375 X 1.25 X 4.00
26	5600131	1	KIT, DISCHARGE CHUTE, 61, SNP PRO
27	5405860D	1	WELD, FRICTION PAD HOLDER, RH - RED -(S/N: 2014739347 & Below)
28	5405861D	1	WELD, FRICTION PAD HOLDER, LH - RED -(S/N: 2014739347 & Below)
29	5405890D	2	PLATE, BRACKET SUPPORT - RED -(S/N: 2014739347 & Below)
30	1960702	4	BOLT, Carriage, 3/8-16 X 1 -(S/N: 2014739347 & Below)

61" Mower Deck - Pulleys, Belts & Idler Arm

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

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61" Mower Deck - Pulleys, Belts & Idler Arm

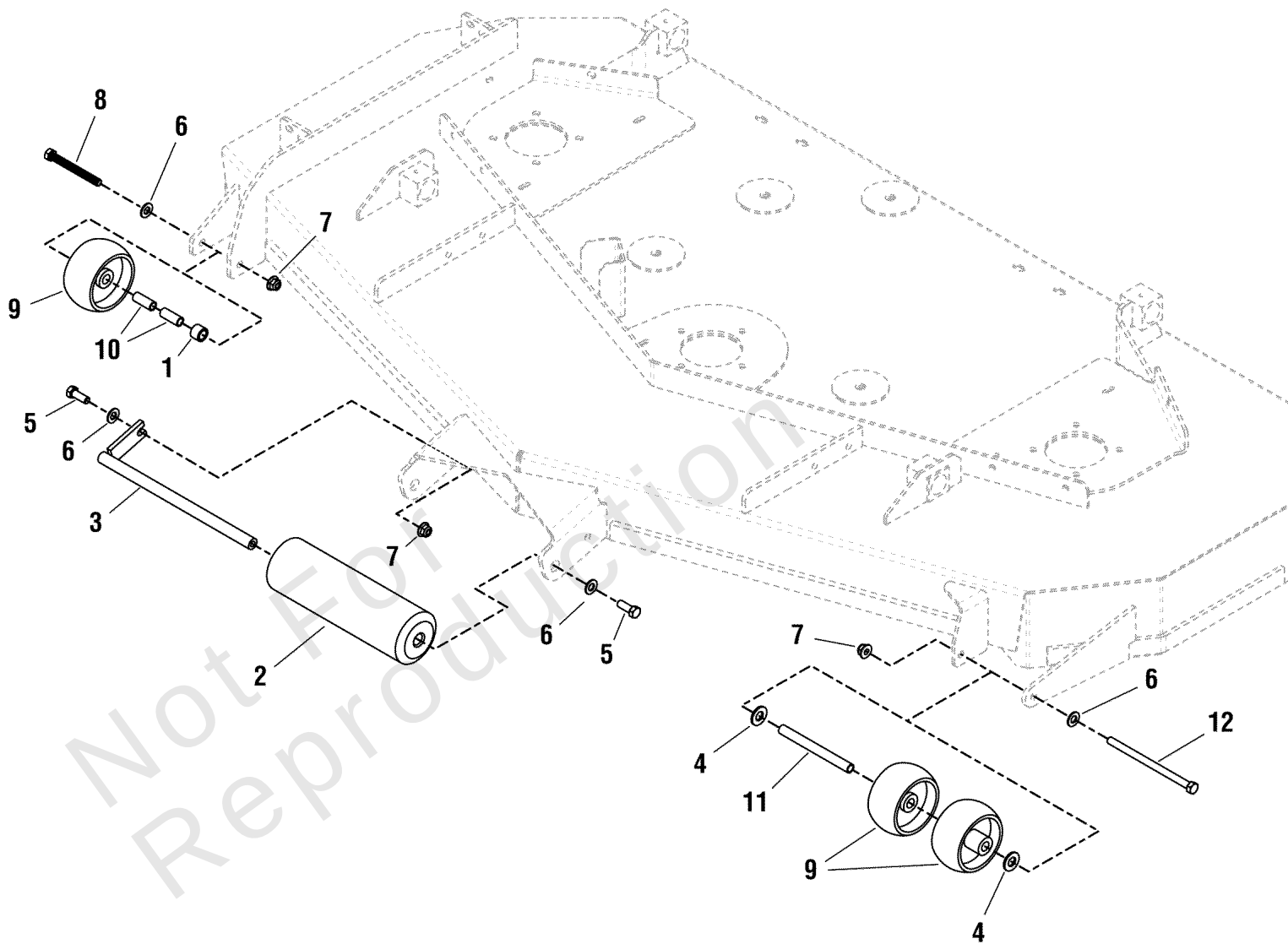
REF NO	PART NO	QTY	DESCRIPTION
1	5103868	1	BELT, 5V, 169.37"EL, ARAMID WRPD RC
2	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
3	5025150	3	WASHER, 1/2 USS
4	5021541	2	BUSHING, FLANGE
5	5061339	1	SPACER, .52 X 1.00 X 3.42
6	5025396	1	NUT, Hex Flange, Nylock, 1/2-13
7	5044609	1	SPACER, .52 X 1.00 X .38
8	5101103	4	SHIELD, PULLEY BEARING
9	-----	3	Replace with: Pulley #5104717 & Debris Shield #5105145 -*If not present, order 5025158 - washer and 5101103 - shield.
10	5025017X24	2	BOLT, 1/2-13 X 3" GD5 CZ
11	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5
12	5103430	3	IDLER MOUNT
13	5100632	1	SPRING, EXTENSION, SWIVEL. LONG HOOK
14	5021812	1	EYE BOLT, 3/8-16 X 6, 3.0 THREAD
15	5025084	1	NUT, 3/8-16 HEX JAM
16	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5025405	3	NUT, 3/4-16 HEX
18	5025406	3	WASHER, 3/4 BELLEVILLE
19	5050407X10	3	KEY, 1/4 SQ X 1-1/4
20	5100700	3	PULLEY, 6.93 EOD X 25MM, SPLIT
21	5600701	1	ASSM, IDLER ARM - BLK - 5411693A (SV) -(was 5045106) (Includes bushings and grease fitting.)
22	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
23	5049777	1	SPACER, .52 X 1.00 X 1.00
24	5025017X26	1	BOLT, 1/2-13 X 3-1/4, HEX HD, GD5, CZ (SV)
25	-----	1	USE 5104716 PULLEY + 5105145 SHIELD

61" Mower Deck - Rollers & Casters

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

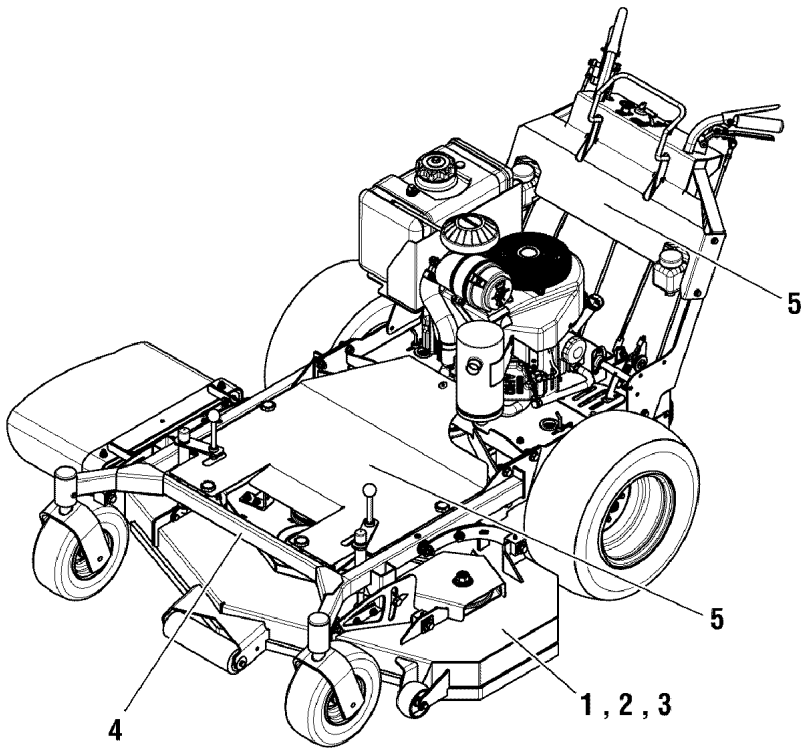
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61" Mower Deck - Rollers & Casters

REF NO	PART NO	QTY	DESCRIPTION
1	5047027	1	SPACER, .51 X .75 X .56, PM, CZ
2	5020785	1	ROLLER, DECK
3	5041655A	1	USE 5105755 - WELD, BRKT,ROLLER PIN,BLK
4	5025440	2	WASHER, 1/2" GD9 YZ
5	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
6	5025156	4	WASHER, 3/8 SAE
7	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
8	5025013X28	1	BOLT, 3/8-16 X 3-1/2" GD5 CZ
9	1714760	3	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY
10	5041931	2	SPACER, .38 X .50 X 1.25, CZ
11	5046586	1	SPACER, .38 X .50 X 5.06, CZ
12	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ

5301743



1 — 48"

2 — 52"

3 — 61"

4 — SW 30

5 — **SNAPPER PRO**™

Decal Group - Brand - S/N: 2016499706 & Below

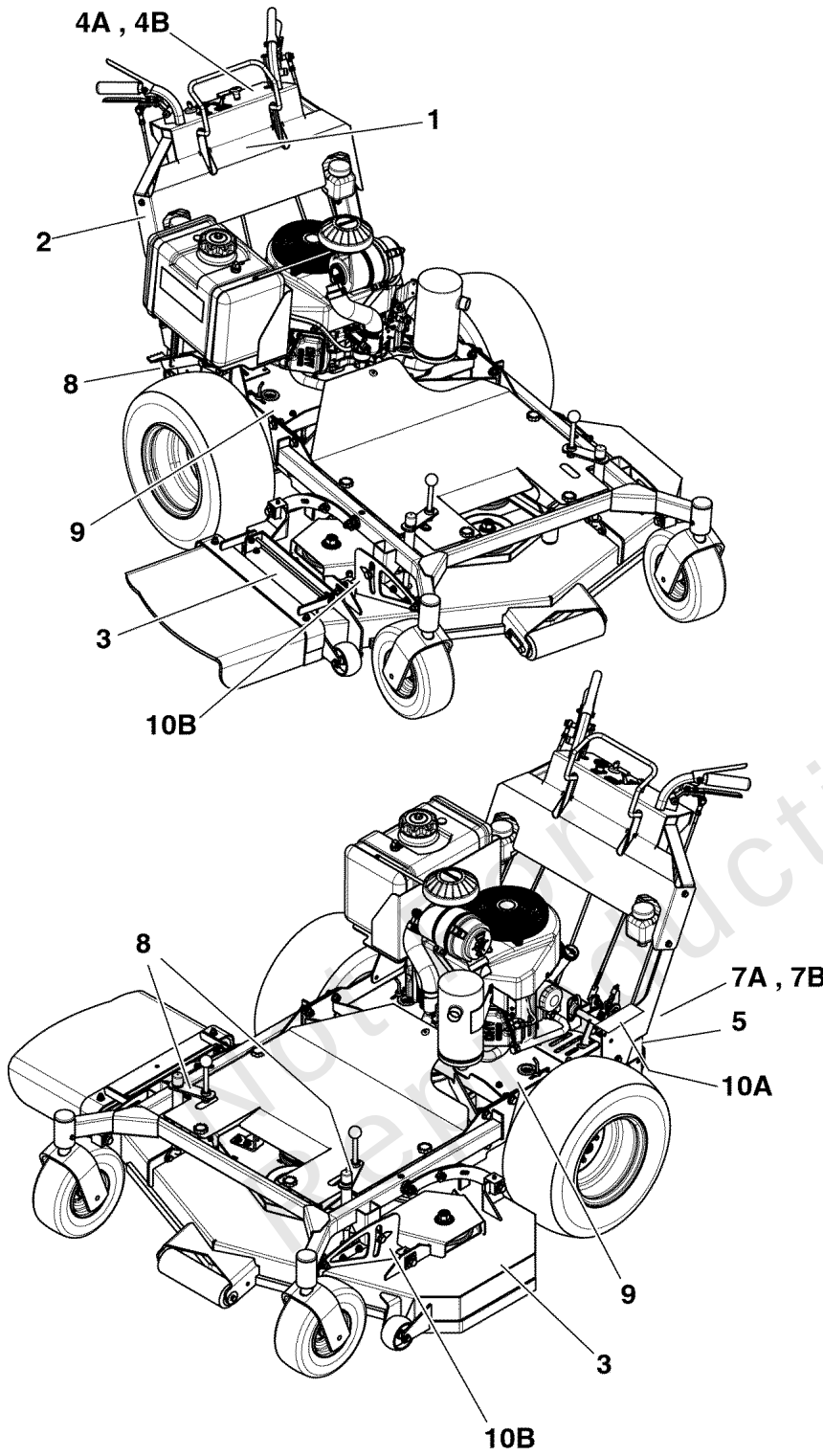
REF NO	PART NO	QTY	DESCRIPTION
1	5022811	1	DECAL, 48 -(48" Models Only)
2	5022812	1	DECAL, 52 -(52" Models Only)
3	5022813	1	DECAL, 61" -(61" Models Only)
4	5102162	1	DECAL, SW30
5	5101200	2	DECAL, SNAPPER PRO, FRONT

Decal Group - Safety & Operation

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301937A



1

⚠ WARNING

Avoid serious injury or death

- Read operator's manual before using this product.
- Go across slopes, NOT up and down.
- Look down and behind before and while backing.
- Stop the mower when children or others are near.
- Remove objects that could be thrown by the blade.
- Keep safety devices (guards, shields, switches, etc.) in place and working.
- Do NOT operate this machine unless you are trained.
- Know the location and function of all controls.
- Avoid steep slopes. Reduce speed and use extreme caution on slopes.

2

⚠ WARNING

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.

3

⚠ 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.

4A, 4B

5

⚠ WARNING

Amputation and Pinch Point Hazard

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

6

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

7A, 7B

8

9

10A, 10B

Decal Group - Safety & Operation

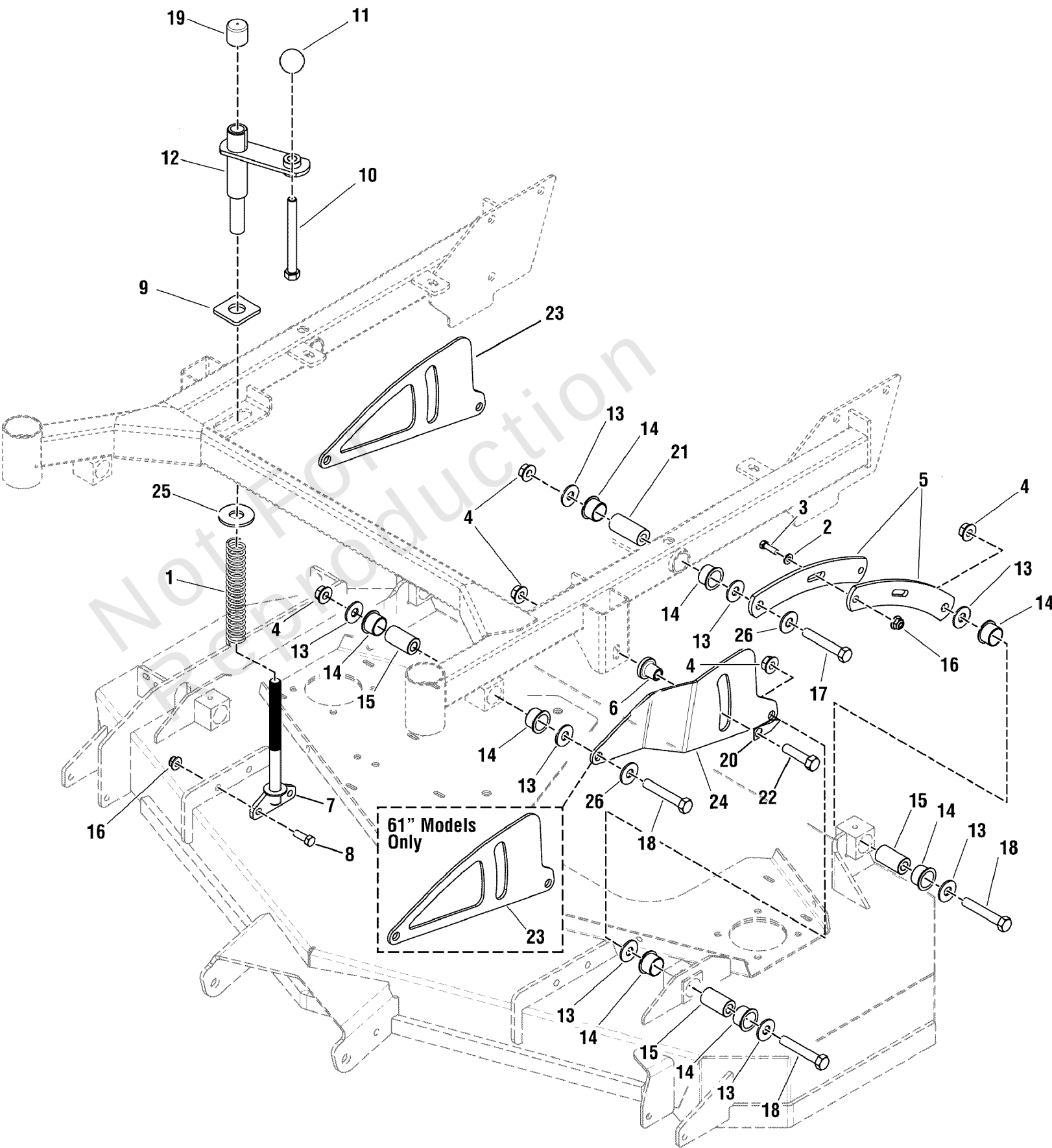
REF NO	PART NO	QTY	DESCRIPTION
1	5103601	1	DECAL, WARNING, WALKS
2	5103665	1	DECAL, FIRE HAZARD, 3.25W X 3.0H
3	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
4A	5103668	1	DECAL, CONROL PANEL, WB -(S/N: 2014523388 & Above)
4B	5101386	1	DECAL, CONTROL PANEL, SPDD -(S/N: 2014523387 & Below)
5	5103184	2	DECAL, WARNING, HAND IN BELT, ENG ONLY
6	5103619	1	DECAL, MANUAL AVAIL IN SPANISH
7A	5101291	1	DECAL, CUT HEIGHT, SPDD -(S/N: 2014739348 & Above)
7B	5101291	2	DECAL, CUT HEIGHT, SPDD -(S/N: 2014739347 & Below)
8	5100490	1	DECAL, PEDAL
9	5101991	2	DECAL, TRANSAXLE RELEASE
10A	5102717	1	DECAL, CUT HEIGHT, CCW/SW30 -(S/N: 2014739348 & Above)
10B	5102171	2	DECAL, DECK HEIGHT, SW30 -(S/N: 2014739347 & Below)

Deck Lift Group - S/N: 2014739347 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301738



Deck Lift Group - S/N: 2014739347 & Below

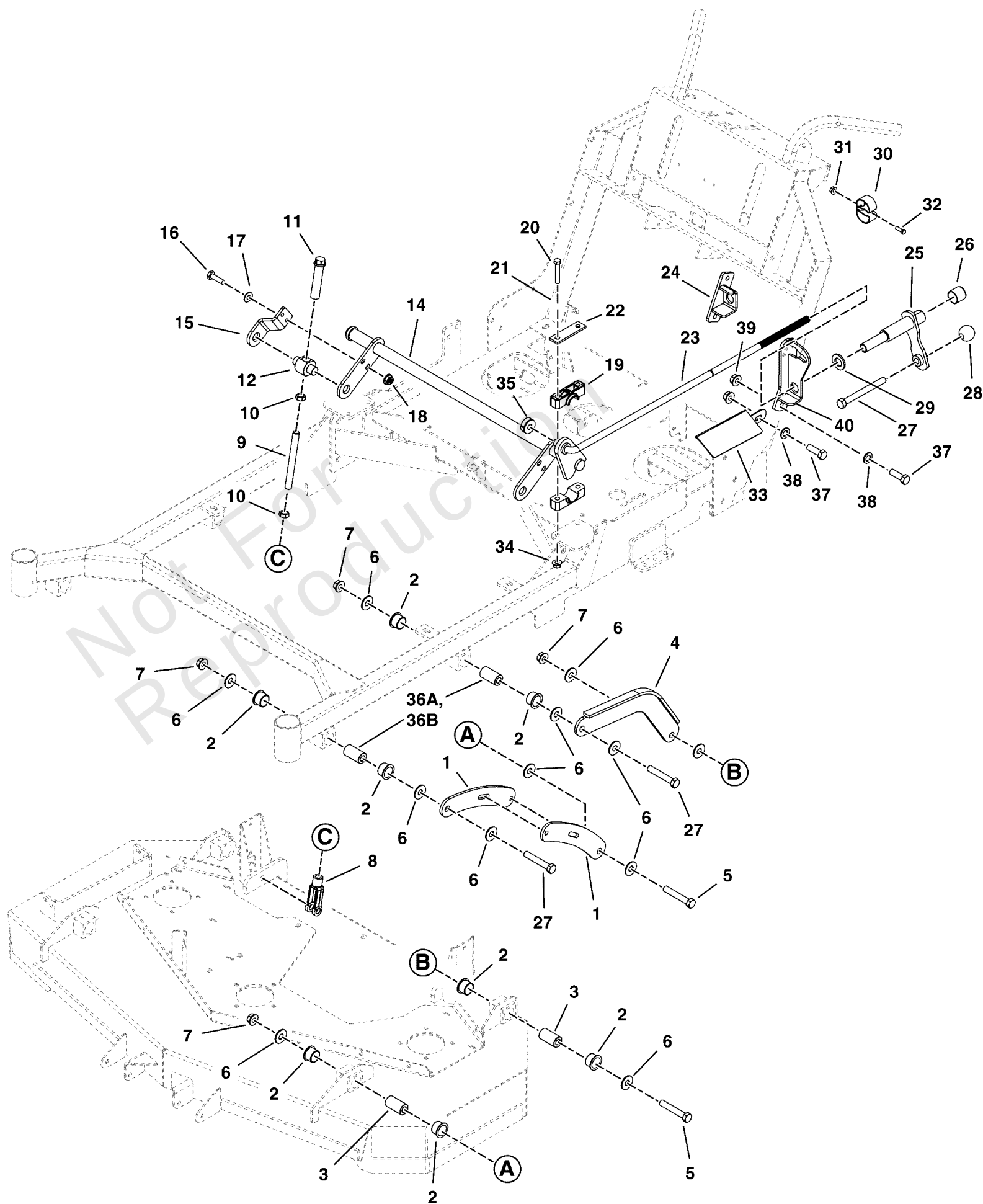
REF NO	PART NO	QTY	DESCRIPTION
1	5102085	2	SPRING, COMP, .840 X 1.044 X 6.7, BLK
2	5025293	4	WASHER, 3/8 GD.9 FLAT
3	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5 CZ
4	5025396	10	NUT, Hex Flange, Nylock, 1/2-13
5	5405468D	4	BAR, DECK LIFT - ADJ, SW20-52-61 - RED
6	5102136	2	SPACER, .515 X .75 X 1.06 SHLDR
7	5101485	2	ROD, DECK LIFT, SW30
8	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
9	5102751	2	WASHER, SQ, .810ID X 1.63SQ X .14TH, CZ
10	5025017X40	2	BOLT-1/2-13 X 5 GD5 YZ
11	5021733	2	KNOB, PLASTIC, 1/2-13
12	5102774A	2	DECK CRANK, SW30 - BLK
13	5025150	16	WASHER, 1/2 USS
14	5023356	16	BUSHING, 1.00X1.13X.75, PLA
15	5101413	6	SPACER, .52 X 1.00 X 1.825
16	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5025017X28	2	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
18	5025017X24	6	BOLT, 1/2-13 X 3" GD5 CZ
19	5102086	2	CAP, VINYL, 1.062 X 1.00 BLK
20	5102143	2	POINTER, DECK HEIGHT, SW30
21	5043366	2	SPACER, .50 X 1.00 X 2.25
22	5025017X16	2	BOLT, 1/2-13 X 2" GD5 CZ
23	5405594D	1	PLATE, DECK HEIGHT INDICATOR, RH -(61" MODELS QTY. 2)
24	5405902D	1	PLATE, DECK LIFT, LH, SW30-52 -(52" MODELS)
25	5025183	2	WASHER, 3/4 USS
26	5025158	4	WASHER, 1/2 SAE

Deck Lift Group - S/N: 2014739348 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5302358



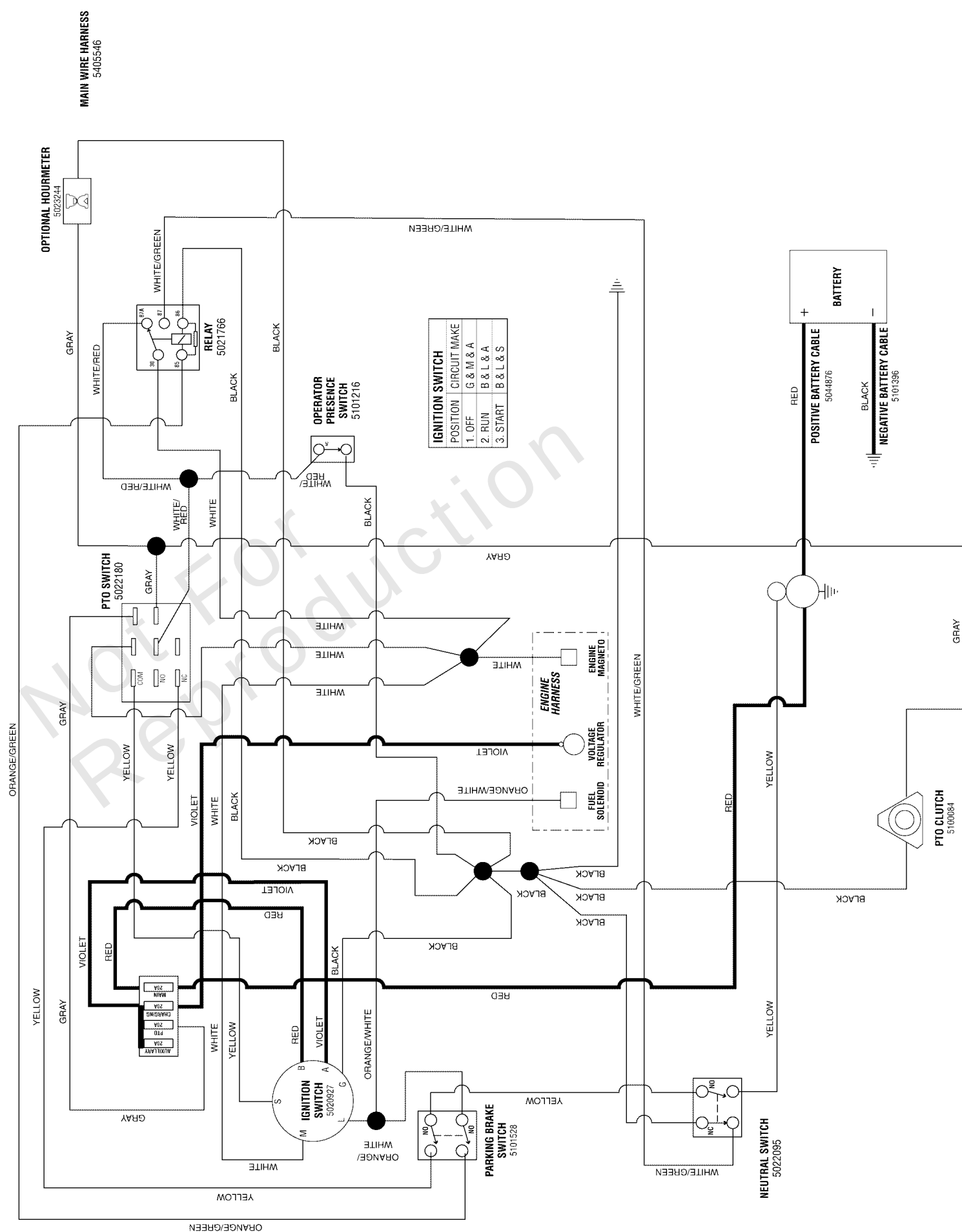
Deck Lift Group - S/N: 2014739348 & Above

REF NO	PART NO	QTY	DESCRIPTION
1	5407433D	4	BAR, DECK LIFT, ADJUSTER, SW30 - RED
2	5023356	16	BUSHING, 1.00X1.13X.75, PLA
3	5101413	4	SPACER, .52 X 1.00 X 1.83, CZ
4	5407020D	2	PULLER BAR, SW30 - RED
5	5025017X24	4	BOLT, 1/2-13 X 3" GD5 CZ
6	5025150	24	WASHER, 1/2 USS
7	5025396	8	NUT, Hex Flange, Nylock, 1/2-13
8	5023174	2	CLEVIS, 1/2-20, STEEL
9	5102665	2	ROD, 1/2-20 X 5.50 TFL, CZ
10	5025089	4	NUT, 1/2-20 HEX JAM
11	5109915FS	2	ADJUSTER, HEIGHT
12	5102663	2	PIVOT, DECK LIFT
13	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT -(Not Shown)
14	5406892D	1	WELD, SHAFT, DECK LIFT, SW30 - RED
15	5407028D	2	BRACKET, DECK LIFT - RED
16	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
17	5025292	4	WASHER, 5/16 GD.9 FLAT
18	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
19	5100634	4	PIVOT BLOCK, PLASTIC
20	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ
21	5025293	4	WASHER, 3/8 GD.9 FLAT
22	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
23	5102675	1	ROD, DECK LIFT, CCW
24	5407229D	1	WELD, DECK LIFT, REAR - RED -(S/N: 2016527980 & Below)
25	5102774A	1	DECK CRANK, SW30 - BLK
26	5102086	1	CAP, VINYL, 1.062 X 1.00 BLK
27	5025017X40	5	BOLT-1/2-13 X 5 GD5 YZ
28	5021733	1	KNOB, PLASTIC, 1/2-13
29	5025160	1	WASHER, 3/4 SAE
30	5102889	1	CLIP, SPRING, SW30 -(S/N: 2016527980 & Below)
31	5025271	1	NUT, #10-24 HEX NYLON LOCK -(S/N: 2016527980 & Below)
32	5025179X6	1	SCREW, #10-24 X 3/4 ROUND PHILLIPS -(S/N: 2016527980 & Below)
33	5407595D	1	PLATE, DECK HEIGHT - SW30-48
34	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
35	5010477	1	COLLAR, 5/8 SET
36a	5103051	4	SPACER, 52 X 1.00 X 3.73, CZ -(S/N: 2014720256 & Above)
36b	5101413	4	SPACER, .52 X 1.00 X 1.83, CZ -(S/N: 2014720255 & Below)
37	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
38	5025156	2	WASHER, 3/8 SAE
39	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
40	5411734D	1	WELD, DECK LIFT, REAR - RED -(S/N: 2016527981 & Above)

Electrical Schematic - Charging Circuit - Kawasaki S/N: 2016535681 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856



Electrical Schematic - Charging Circuit - Kawasaki S/N: 2016535681 & Below

REF NO	PART NO	QTY	DESCRIPTION
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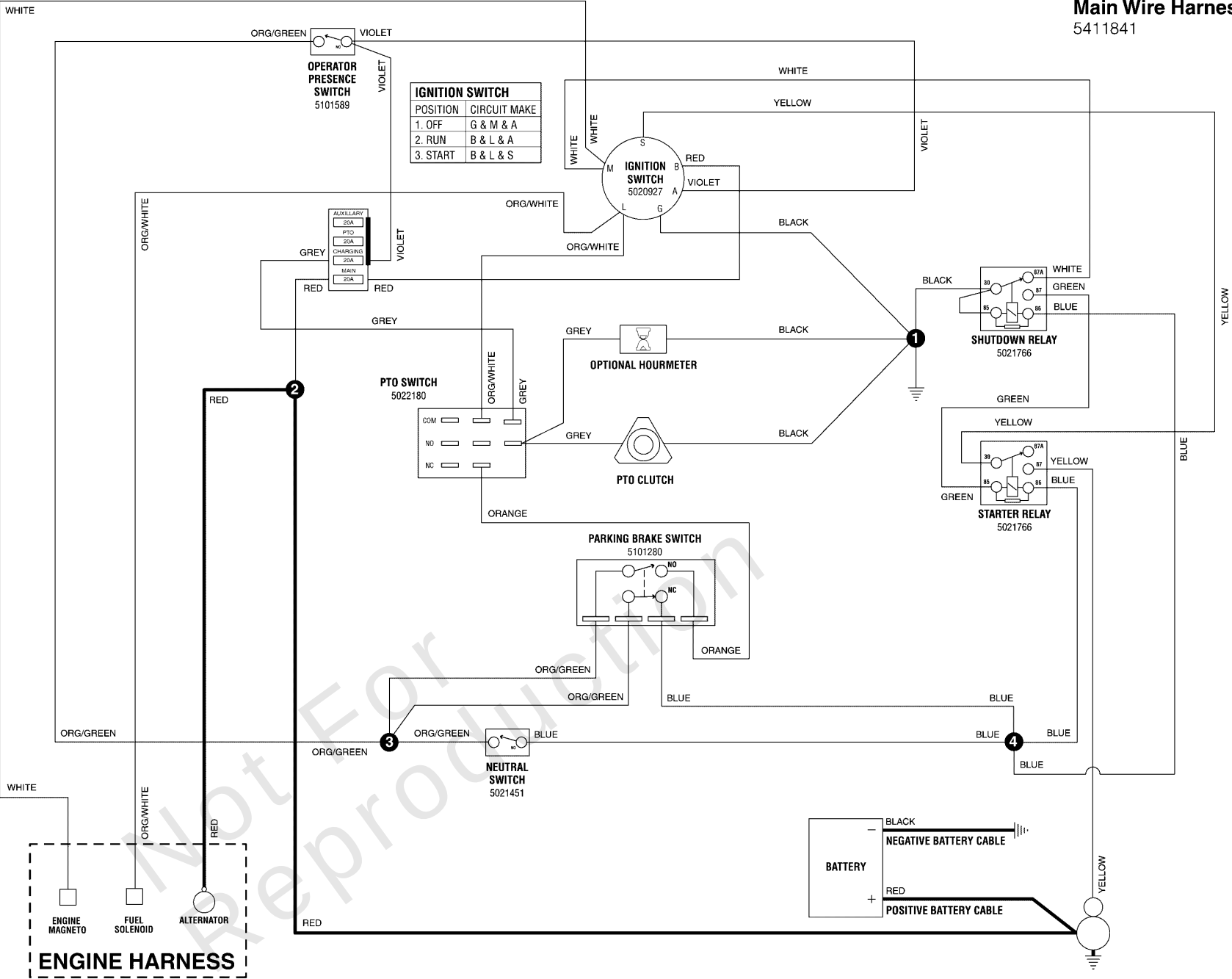
Not For Reproduction

Electrical Schematic - Charging Circuit - Kawasaki S/N: 2016535682 & Above

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Mfg. No: 5900856

Main Wire Harness
5411841



Electrical Schematic - Charging Circuit - Kawasaki S/N: 2016535682 & Above

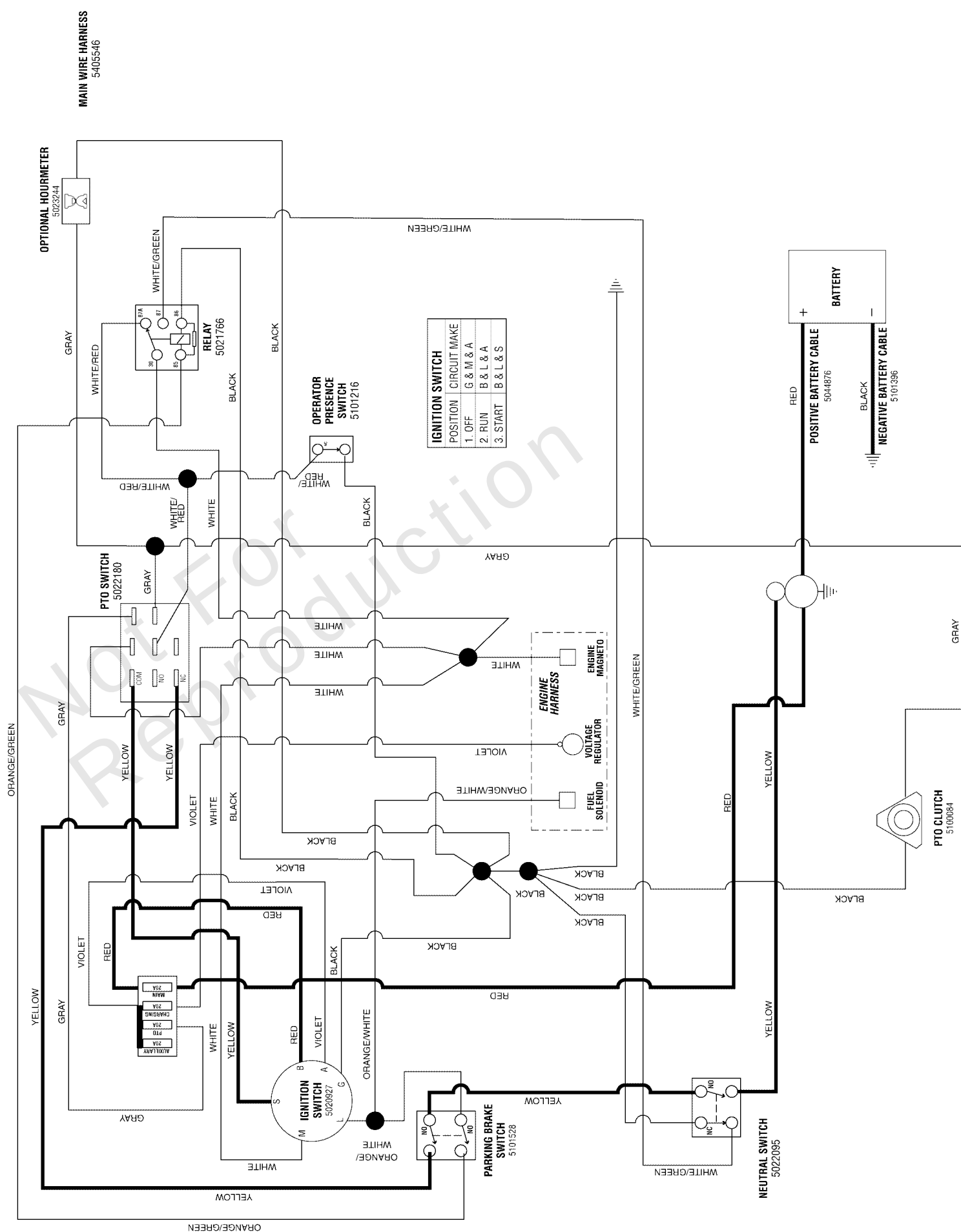
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Not For Reproduction

Electrical Schematic - Cranking Circuit - Kawasaki S/N: 2016535681 & Below

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Mfg. No: 5900856



Electrical Schematic - Cranking Circuit - Kawasaki S/N: 2016535681 & Below

REF NO	PART NO	QTY	DESCRIPTION
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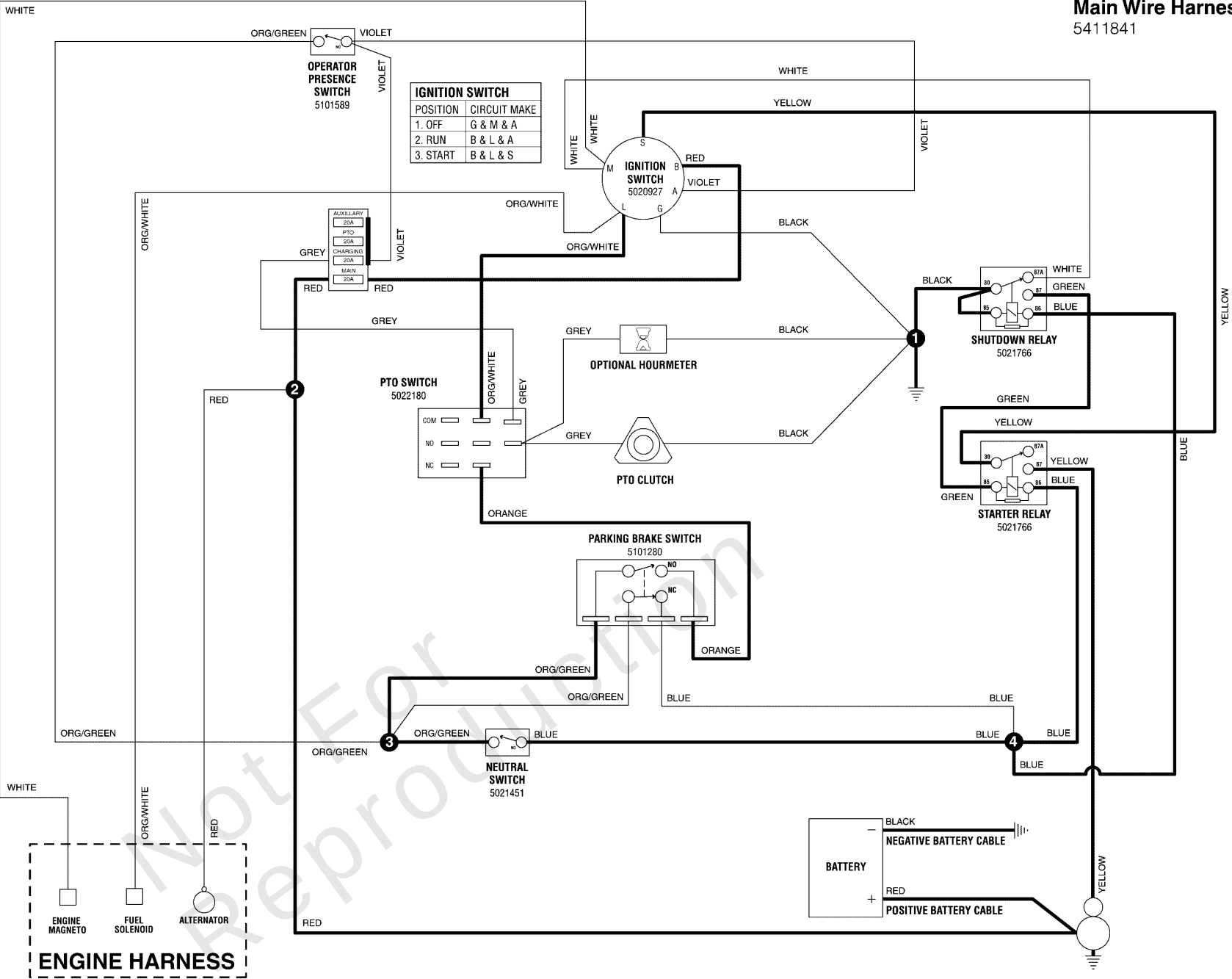
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Electrical Schematic - Cranking Circuit - Kawasaki S/N: 2016535682 & Above

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Main Wire Harness
5411841



Electrical Schematic - Cranking Circuit - Kawasaki S/N: 2016535682 & Above

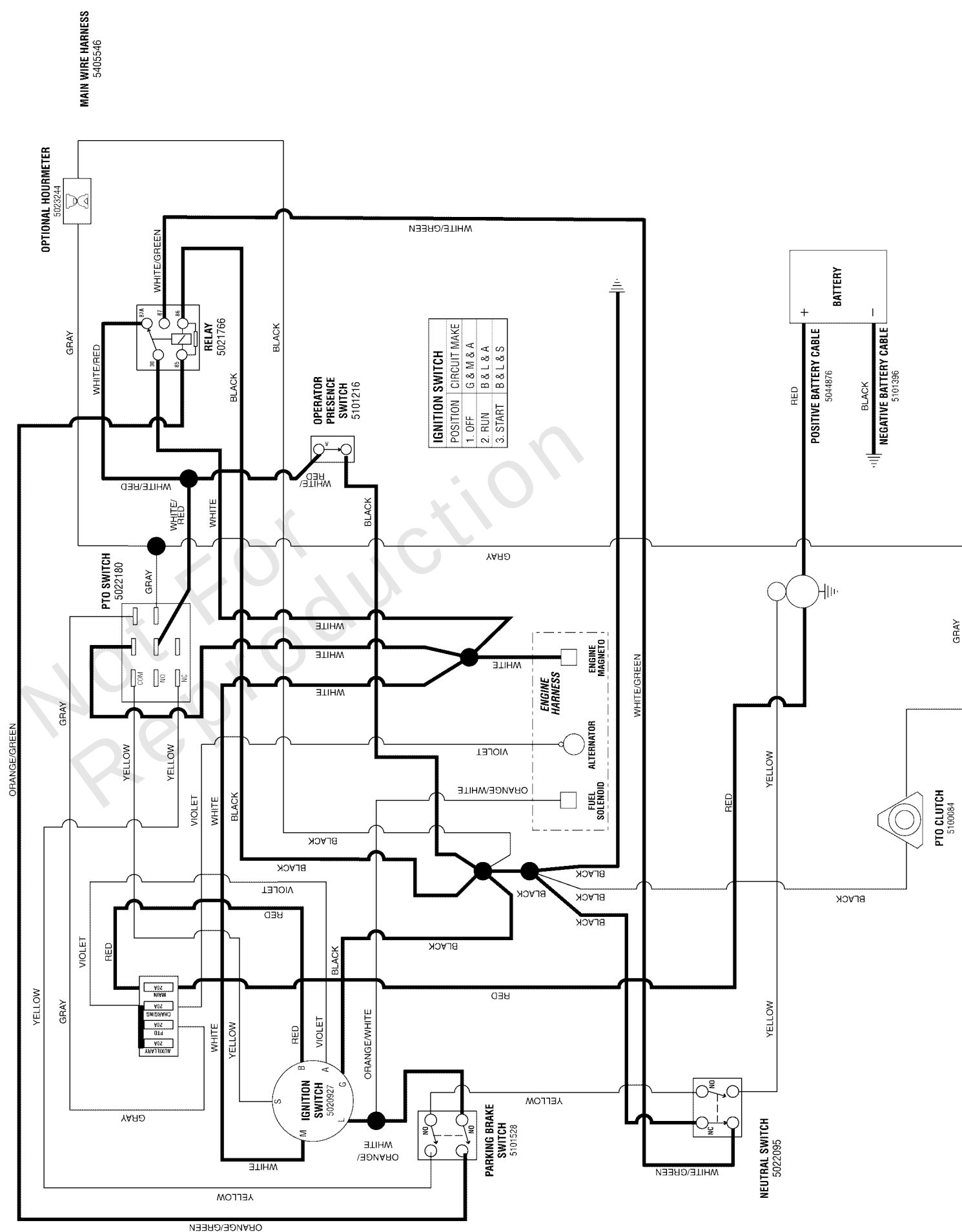
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Not For Reproduction

Electrical Schematic - Ign/Op Pres Circuit - Kawasaki S/N: 2016535681 & Below

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Mfg. No: 5900856



Electrical Schematic - Ign/Op Pres Circuit - Kawasaki S/N: 2016535681 & Below

REF NO	PART NO	QTY	DESCRIPTION
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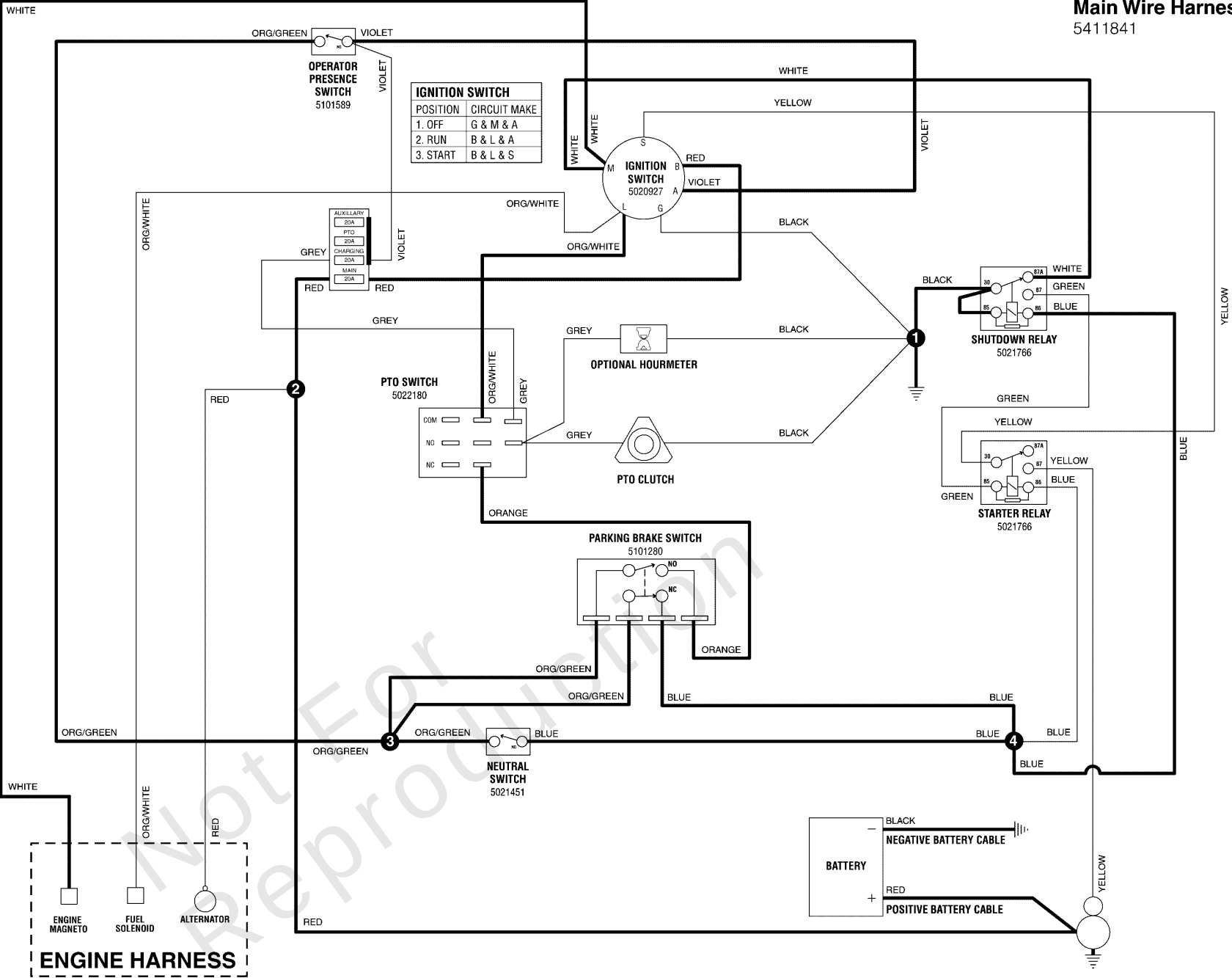
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Electrical Schematic - Ign/Op Pres Circuit - Kawasaki S/N: 2016535682 & Above

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Mfg. No: 5900856

Main Wire Harness
5411841



Electrical Schematic - Ign/Op Pres Circuit - Kawasaki S/N: 2016535682 & Above

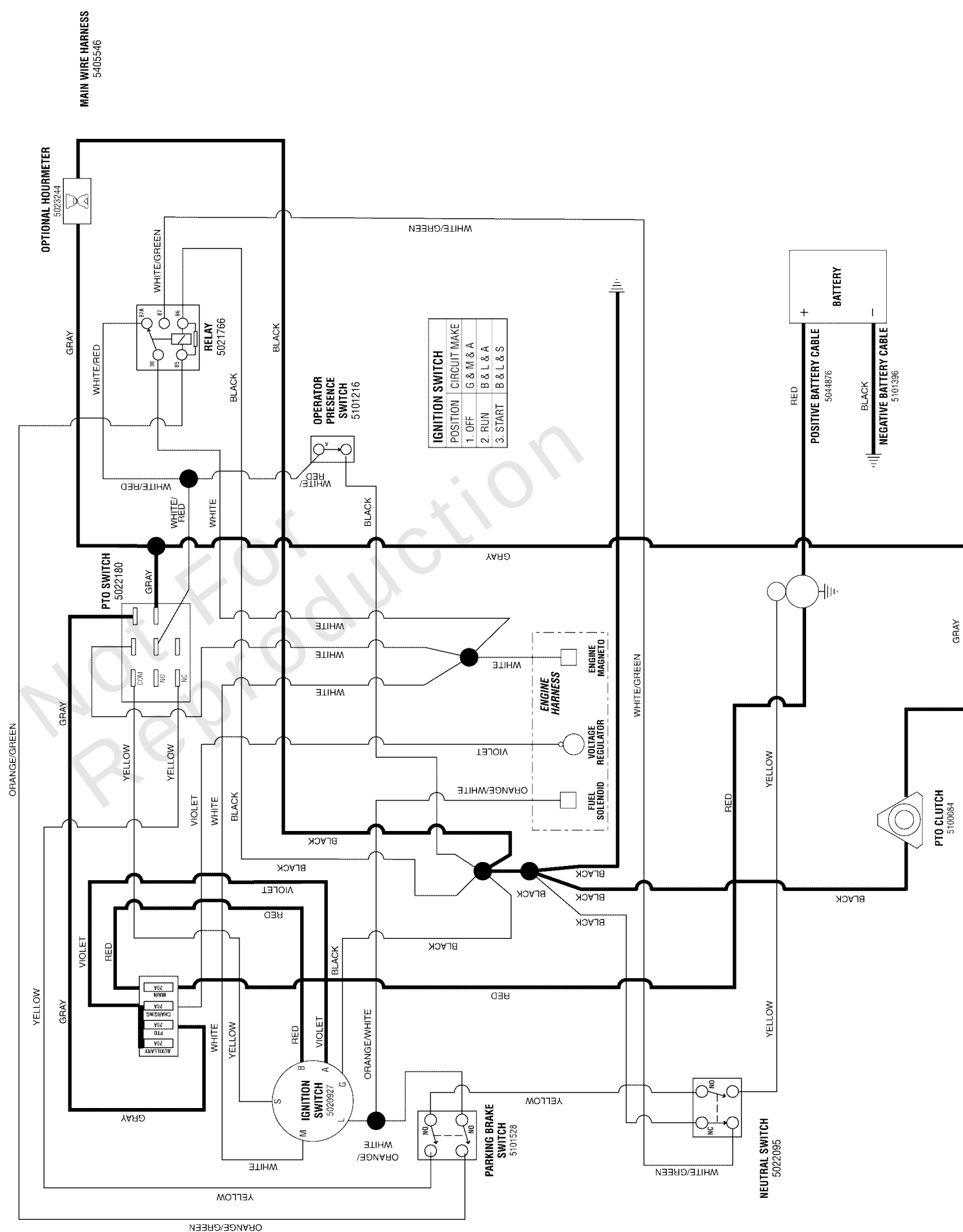
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Not For Reproduction

Electrical Schematic - PTO Clutch Circuit - Kawasaki S/N: 2016535681 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856



Electrical Schematic - PTO Clutch Circuit - Kawasaki S/N: 2016535681 & Below

REF NO	PART NO	QTY	DESCRIPTION
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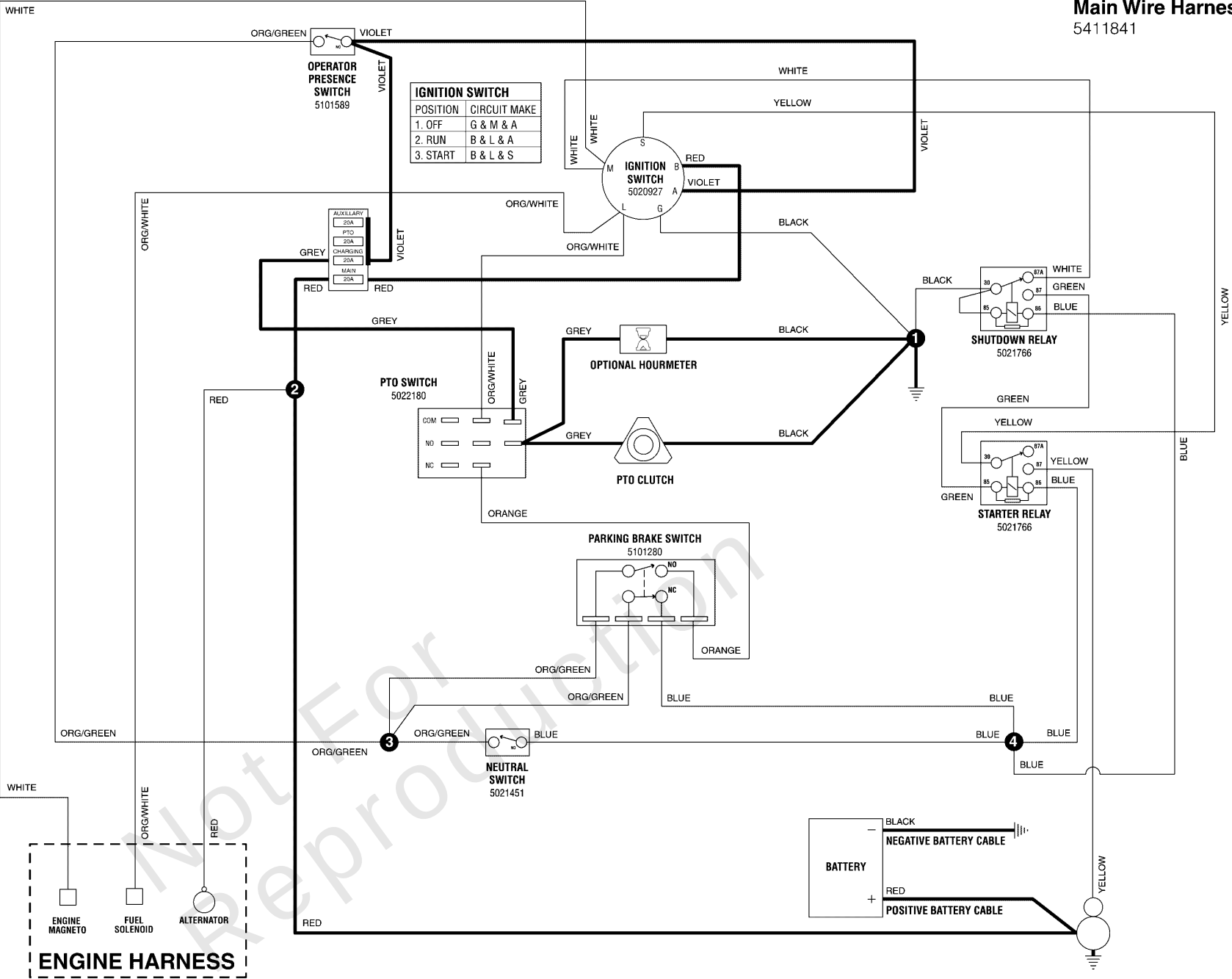
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Electrical Schematic - PTO Clutch Circuit - Kawasaki S/N: 2016535682 & Above

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Main Wire Harness
5411841

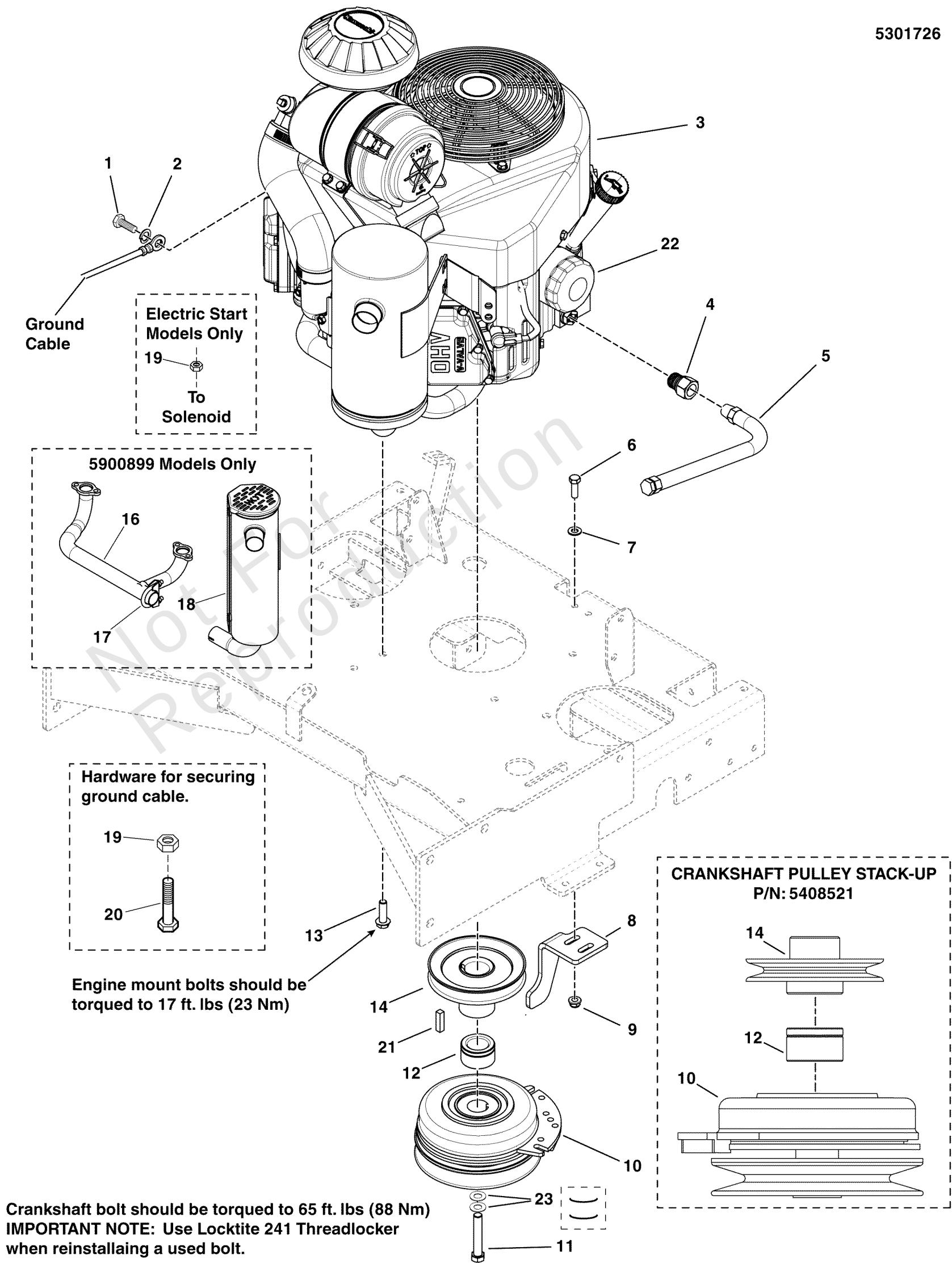


Electrical Schematic - PTO Clutch Circuit - Kawasaki S/N: 2016535682 & Above

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

5301726



Engine & PTO Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
2	5025170	1	WASHER, 5/16 LOCK CZ
3	-----	1	ENGINE, KAWASAKI
4	5022234	1	ADAPTER-OIL DRAIN
5	5048681	1	HOSE, OIL DRAIN
6	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
7	5025155	2	WASHER, 5/16" SAE
8	5405281D	1	PLATE, CLUTCH ANCHOR - RED
9	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
10	5105090	1	* CLUTCH, 5218-134, WARNER
11	5102865	1	BOLT, CRANKSHAFT, 7/16-20 X 2-3/4, GD8
12	5047033	1	SPACER, 1.13 X 1.75 X 1.03
13	5025532	4	BOLT,HEX FLG,SER GD5 3/8-16X1-1/4PACH CZ
14	5102129	1	PULLEY, CRANKSHAFT, 1.125 ID X 4.50 OD
15	5102278X3	1	FILTER, AIR
16	5102153	1	MANIFOLD -(5900899 MODELS)
17	5022810	1	CLAMP, MUFFLER & MANIFOLD -(5900899 MODELS)
18	5102152	1	MUFFLER -(5900899 MODELS)
19	5025355	2	NUT, M8-1.25 SERR. FLANGE, CZ -(ELECTRIC START MODELS)
20	5025249	1	BOLT, M8-1.25 SERR. FLANGE, CZ
21	5050407X8	1	KEY, 1/4 SQ X 1
22	5102278X1	1	FILTER, OIL
23	5025585	2	BELLEVILLE WASHER 1.1875 X .442 X .089 -(S/N: 2015745414 & Above)

Footnotes:

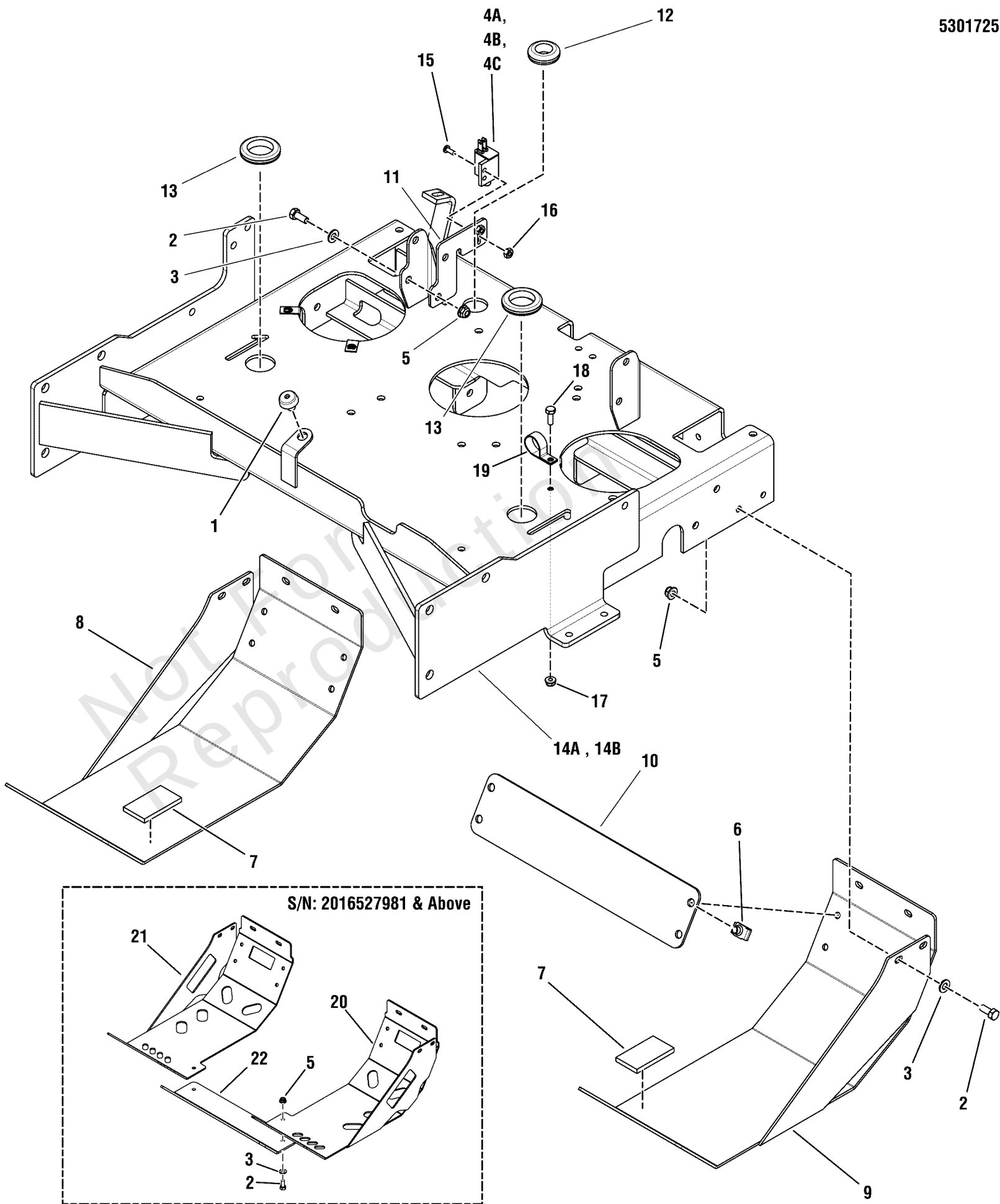
* For models S/N: 2015375705 & Below, when replacing the clutch, the jumper harness (#5403576) is required.

Engine Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301725



Engine Deck Group

REF NO	PART NO	QTY	DESCRIPTION
1	197546	1	MNT, VBRTN, RBBR
2	5025011X6	18	BOLT, 5/16-18 X 3/4 GD5 -(Qty: 14 - S/N: 2016527980 & BELOW)
3	5025155	18	WASHER, 5/16" SAE -(Qty: 14 - S/N: 2016527980 & BELOW)
4a	5021769	1	SWITCH, PLUNGER, N.C. -(Manual Start Models)
4b	1717050	1	SWITCH, PLUNGER, N.O./N.C. -(Electric Start Models - S/N: 2016535681 & Below)
4c	5021451	1	SWITCH, PLUNGER, N.O. -(Electric Start Models - S/N: 2016535682 & Above)
5	5025392	14	NUT, 5/16-18 HEX NYLOCK FLANGE -(Qty: 10 - S/N: 2016527980 & BELOW)
6	5022308	4	BODY CLIP, 5/16-18-7GA MATERIAL
7	5101270	2	PAD, RUBBER MOUNT, 1/4 MAT
8	5405325D	1	WELD, SKID PLATE, RH - RED
9	5405324D	1	WELD, SKID PLATE, LH - RED
10	5405387D	1	PLATE, REAR GUARD, SW20-52 - RED
11	5405331D	1	PLATE, NEUTRAL SWITCH MOUNT - RED -(S/N: 2014739281 & BELOW)
12	5021379	1	GROMMET, 7/8
13	5021397	2	GROMMET, 1-1/4
14a	5407858D	1	*WELD, ENGINE DECK, SW30 - RED -(S/N: 2014739282 & ABOVE)
14b	5406822D	1	WELD, ENGINE DECK, SW20-52-61 - RED -(S/N: 2014739281 & BELOW)
15	5025179X4	2	SCREW- #10-24 X 1/2 ROUND PHILLIPS
16	5025029	2	NUT, #10-24 HEX
17	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE
18	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 YZ
19	5021500	1	CLAMP, VINYL INSULATED
20	5411591D	1	WELD, SKID PLATE, LH - RED -(S/N: 2016527981 & ABOVE)
21	5411590D	1	WELD, SKID PLATE, RH - RED -(S/N: 2016527981 & ABOVE)
22	5411762D	1	PLATE, FRONT SKID - RED -(S/N: 2016527981 & ABOVE)

Footnotes:

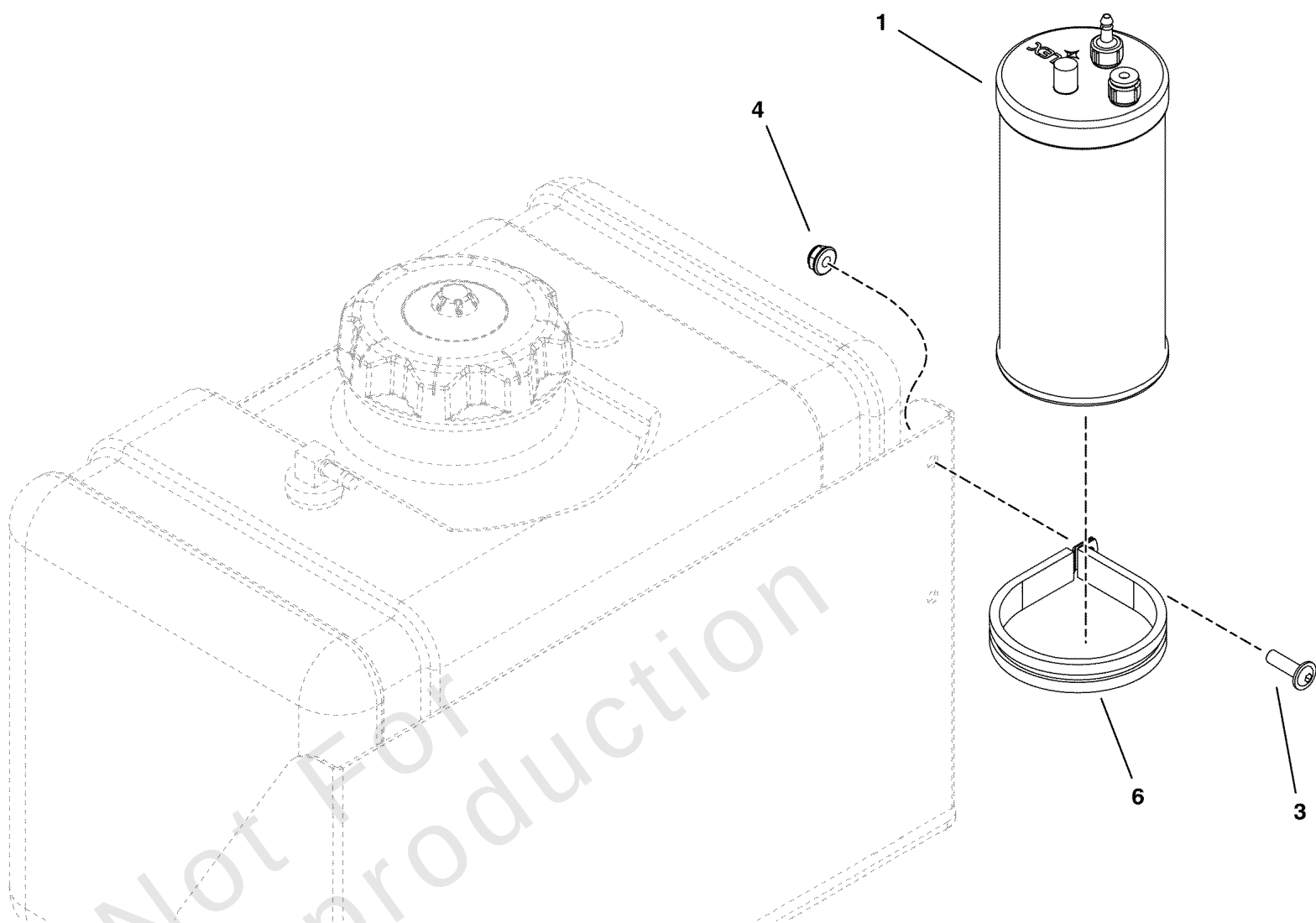
(S/N: 2016490404 & Above have reinforcement gussets.)

Evap Canister Group

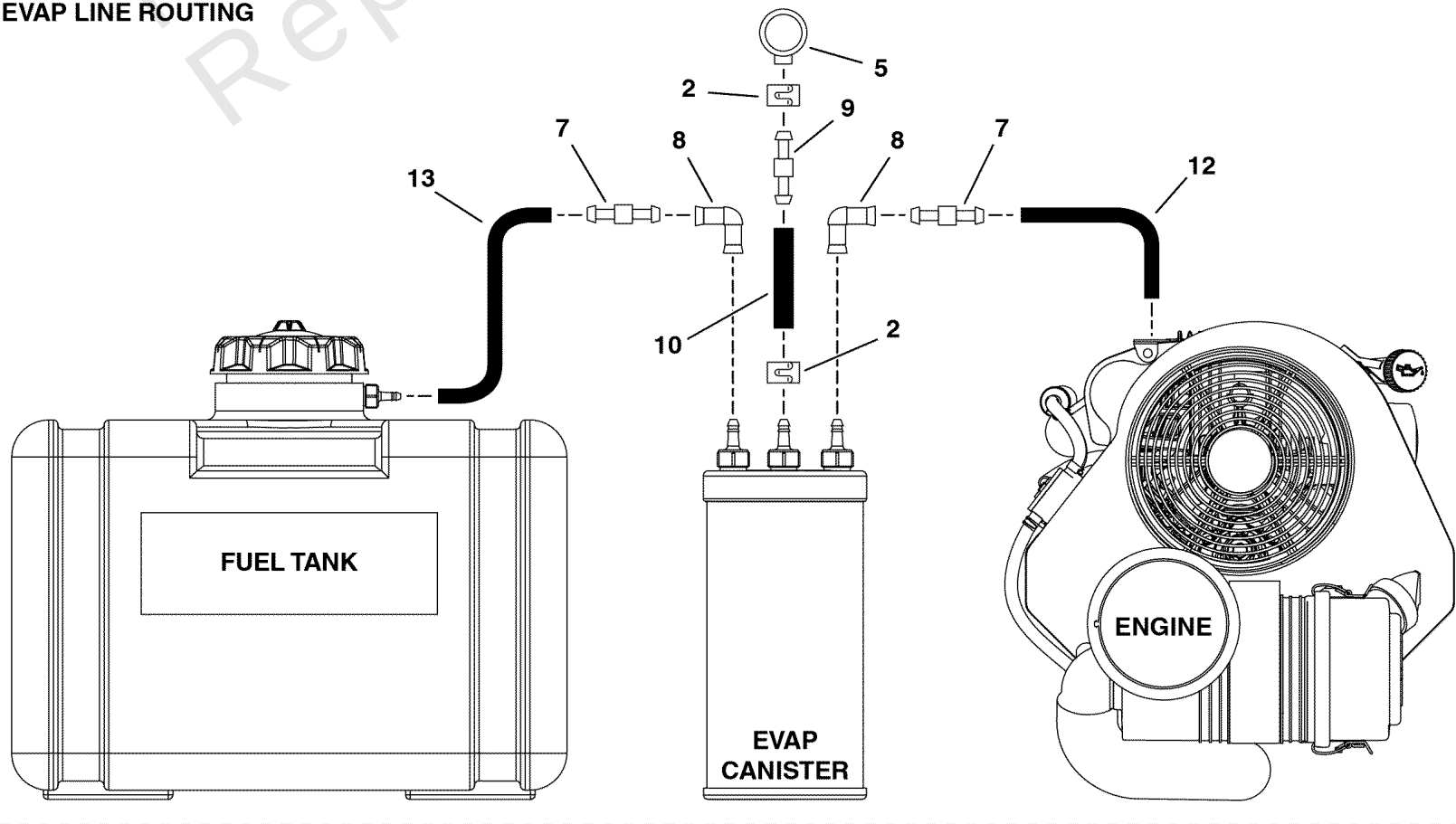
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5302735



EVAP LINE ROUTING



Evap Canister Group

REF NO	PART NO	QTY	DESCRIPTION
1	313036	1	CNSTR, CARB, 6 GAL
2	5023268	2	CLAMP, HOSE
3	5025299X6	2	USE 5106757 - SCREW,1/4-20X3/4, ZINC
4	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
5	1752800	1	DUST FILTER, CANISTER -(SV)
6	5103055	2	CLAMP, 3" ID, CUSHIONED, STAINLESS
7	5103080	1	FITTING, STRAIGHT, 10MMX10MM, PLASTIC
8	5103082	2	FITTING, 90 DEG, 3/16X3/16, SANTOPRENE
9	5103084	2	FITTING, STRAIGHT, 3/16X3/16, PLASTIC
10	5103092	1	HOSE, FORMED, EVAP CANISTER
11	-----	1	DECAL, EPA CERT, WALKS -(Located on frame near Serial Tag)
12	7700552X24	1	HOSE, VAPOR, 5MM ID, 24.00 LG
13	7700552X8	1	HOSE, VAPOR, 5MM ID, 8.00 LG

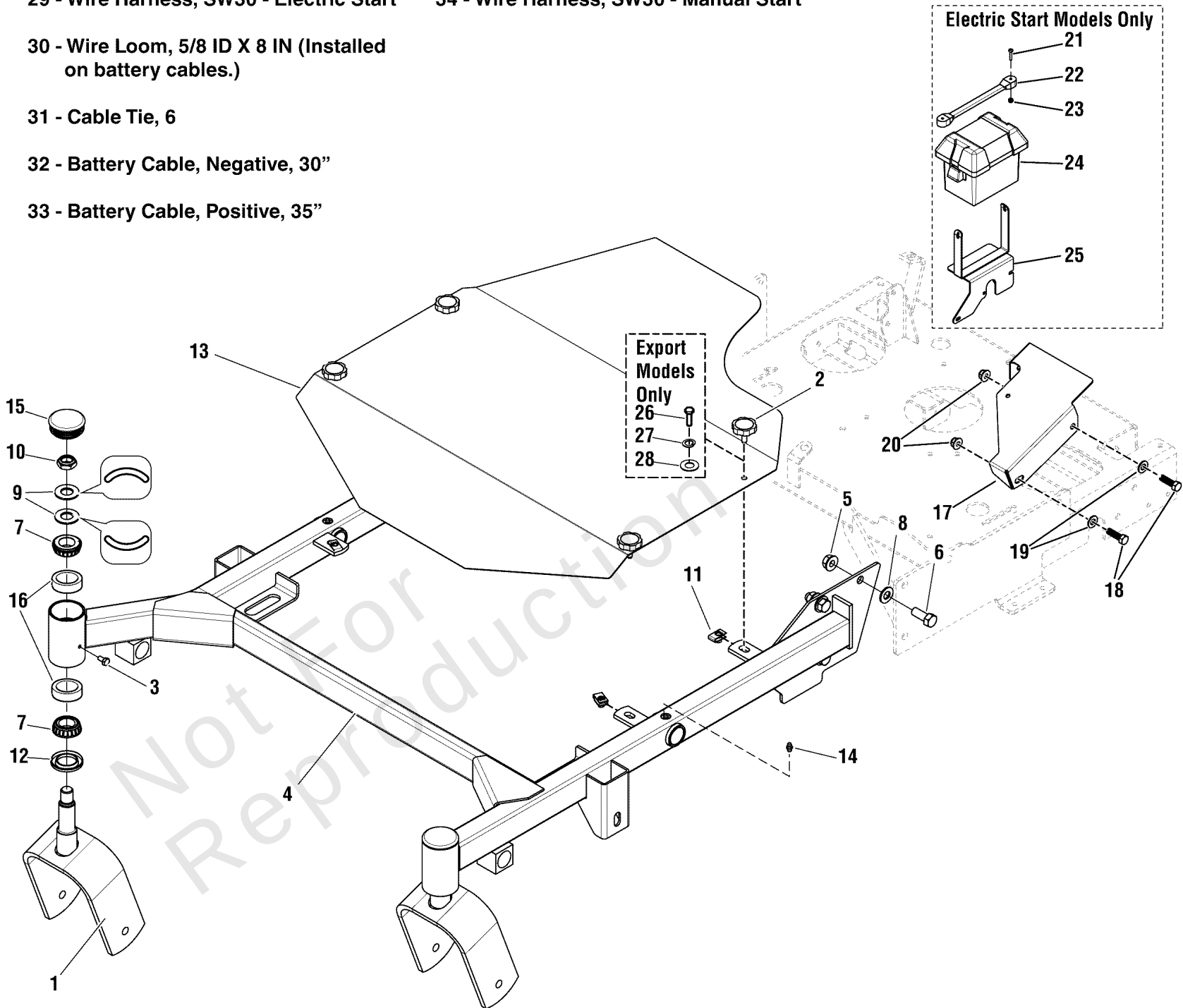
Front Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

- 29 - Wire Harness, SW30 - Electric Start
- 34 - Wire Harness, SW30 - Manual Start
- 30 - Wire Loom, 5/8 ID X 8 IN (Installed on battery cables.)
- 31 - Cable Tie, 6
- 32 - Battery Cable, Negative, 30"
- 33 - Battery Cable, Positive, 35"

5301728



Front Frame Group

REF NO	PART NO	QTY	DESCRIPTION
1	5401759D	2	WELD., FRONT CASTER YOKES - RED
2	5101731	4	KNOB, 5/16-18 X 1.00, ROSETTE, BLK
3	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
4a	5407974D	1	WELD, FRONT FRAME -(48" & 52" - S/N: 2014713852 & Above)
4b	5407232D	1	WELD, FRONT FRAME -(61" - S/N: 2014713852 & Above)
4c	5406890D	1	WELD, FRONT FRAME -(48" - S/N: 2014713851 & Below)
4d	5405205D	1	WELD, FRONT FRAME -(52" - S/N: 2014713851 & Below)
4e	5405353D	1	WELD, FRONT FRAME -(61" - S/N: 2014713851 & Below)
5	5025396	6	NUT, Hex Flange, Nylock, 1/2-13
6	5025017X10	6	BOLT, 1/2-13 X 1-1/4 GD5 CZ
7	5020884	4	BEARING, TAPERED ROLLER, 1
8	5025158	6	WASHER, 1/2 SAE
9	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
10	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
11	5025452	4	BODY CLIP 5/16-18 X 1/4" MAT
12	5021072	2	SEAL, GREASE
13a	5407397D	1	GUARD, FRONT FRAME
13b	5405235D	1	GUARD, FRONT FRAME -(5900899 Models S/N: 2014970405 & Below)
14	5020095	4	GREASE FITTING, 1/4-28 STRAIGHT
15	5109845	2	CAP, GREASE, LOW PROFILE
16	5020883	4	CUP, BEARING (SV)
17	5405926D	1	GUARD, LEFT, SW30-52 - RED -(MANUAL Start Models)
18	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ -(48" & 52" Models)
19	5025156	2	WASHER, 3/8 SAE -(48" & 52" Models)
20	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE -(48" & 52" Models)
21	5025270	2	SCREW, #10-24 X 1 RS, CZ -(ELECTRIC Start Models)
22	5021670	1	STRAP, RUBBER -(ELECTRIC Start Models)
23	5025271	2	NUT, #10-24, HEX NYLON FLANGE -(ELECTRIC Start Models)
24	5100688	1	BATTERY BOX, W/ DRAIN HOLE -(ELECTRIC Start Models)
25	5406602D	1	WELD, BATTERY MOUNT, SW30-61 - RED -(ELECTRIC Start Models)
26	5025011X8	4	BOLT, 5/16-18 X 1, GD5 YZ -(CE Models)
27	5025170	4	WASHER, 5/16 LOCK CZ -(CE Models)
28	5025155	4	WASHER, 5/16" SAE -(CE Models)
29	5405546	1	WIRE HARNESS, SW30 KAV ELEC -(ELECTRIC Start Models)
30	5050861X8	1	WIRE LOOM, 5/8 ID X 8 IN -(ELECTRIC Start Models)
31	5021030	2	CABLE TIE, 6 -(ELECTRIC Start Models)

Front Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

29 - Wire Harness, SW30 - Electric Start

34 - Wire Harness, SW30 - Manual Start

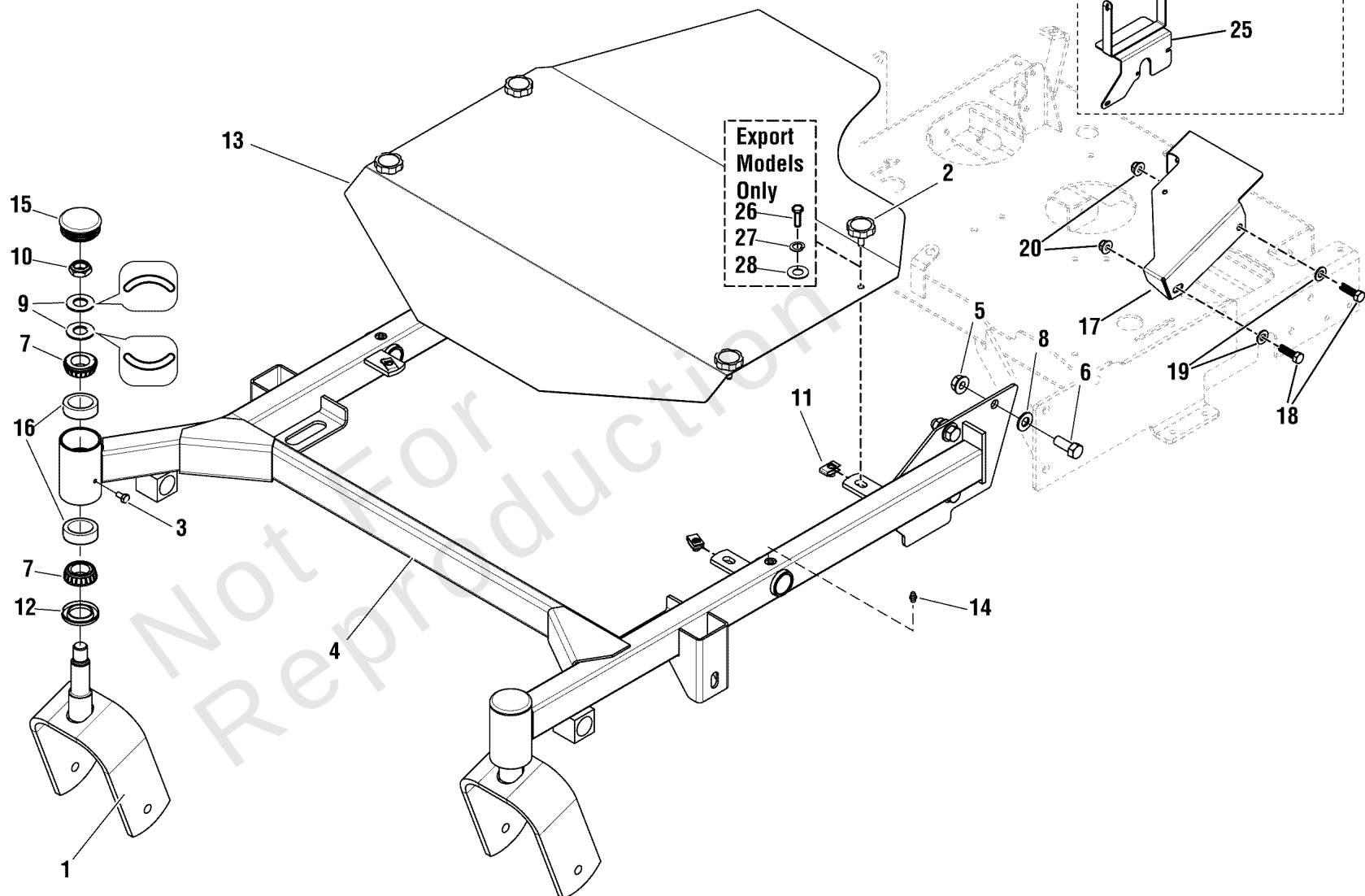
5301728

30 - Wire Loom, 5/8 ID X 8 IN (Installed on battery cables.)

31 - Cable Tie, 6

32 - Battery Cable, Negative, 30"

33 - Battery Cable, Positive, 35"



Front Frame Group

REF NO	PART NO	QTY	DESCRIPTION
32	5101396	1	CABLE, BATTERY, NEGATIVE, 30" -(ELECTRIC Start Models)
33	5044876	1	BATTERY CABLE, POSITIVE, 35 -(ELECTRIC Start Models)
34	5405854	1	WIRE HARNESS, SW30 - MANUAL START -(MANUAL Start Models)

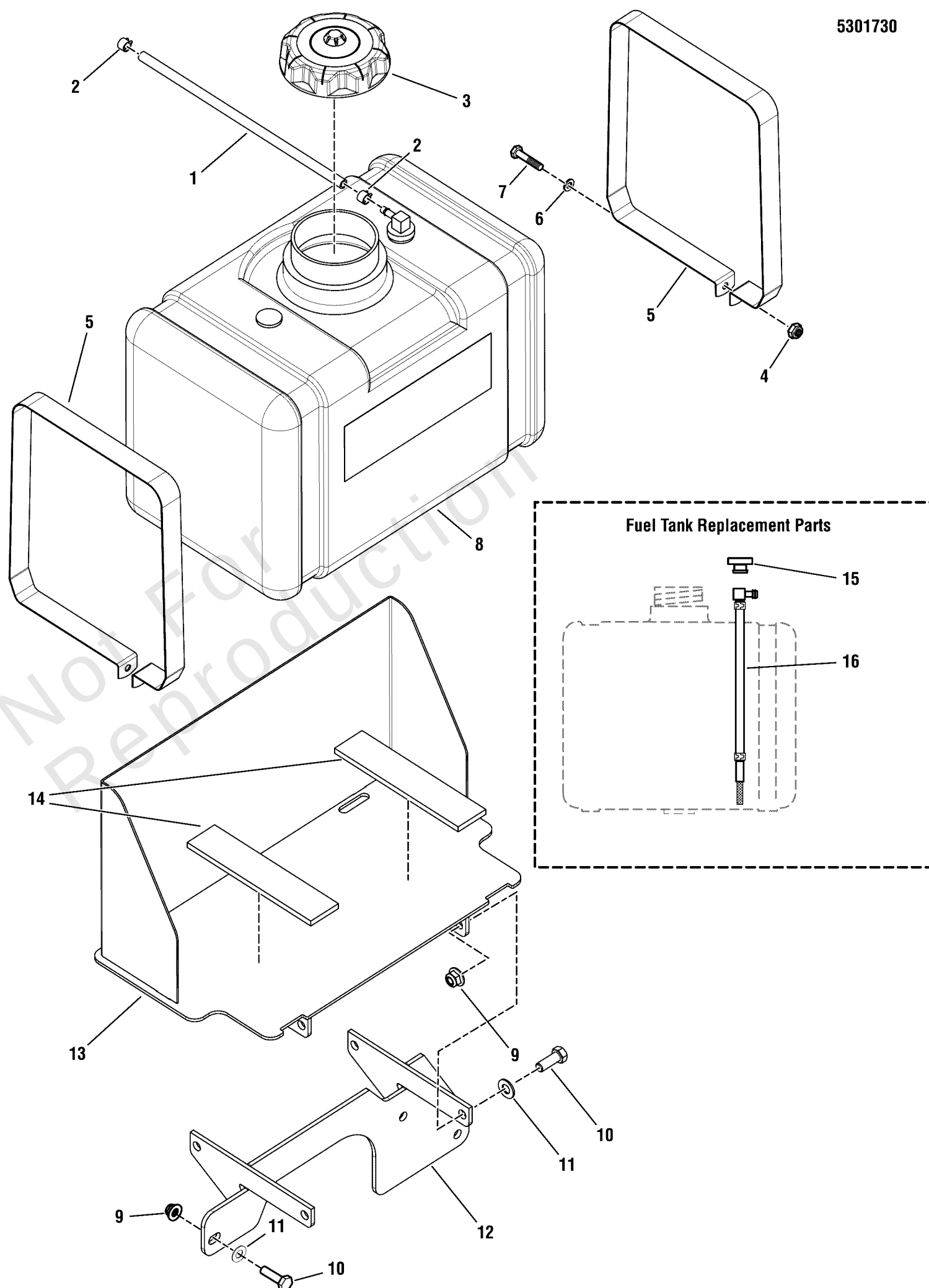
Not For Reproduction

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301730



Fuel Tank & Mount Group

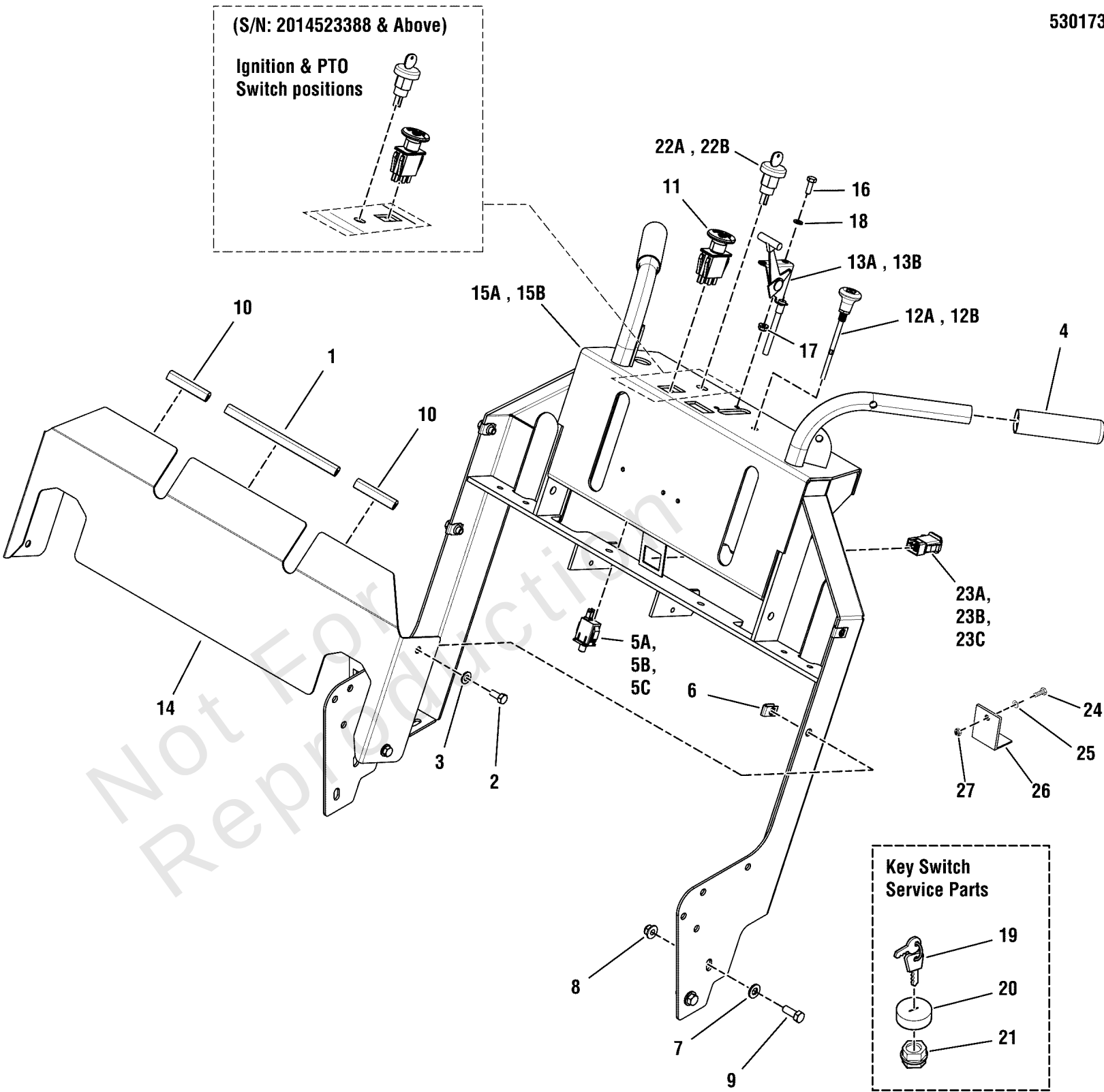
REF NO	PART NO	QTY	DESCRIPTION
1	5050831X12	1	HOSE, 1/4" FUEL, 12.00"
2	93807	2	CLAMP, HOSE, EXTERNAL, 1/2 - RED
3	5103005	1	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12" -(S/N: 2014744380 & Above)
3	5101651	1	CAP, GASOLINE, VENTED -(S/N: 2014744379 & Below)
4	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
5	5403445A	2	STRAP, FUEL TANK
6	5025154	2	WASHER, 1/4 SAE
7	5025010X10	2	BOLT, 1/4-20 X 1-1/4, GD5
8	5102833	1	TANK, 5 GAL, W DROP TUBE / VENT -(S/N: 2014744380 & Above)
8	5102063	1	TANK, FUEL, PLASTIC, TOP DRAW, NO LOGO -(S/N: 2014744379 & Below)
9	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5025013X8	6	BOLT, 3/8-16 X 1" GD5 CZ
11	5025156	6	WASHER, 3/8 SAE
12	5405429D	1	WELD, LOWER FUEL TANK MNT - RED
13	5405309D	1	WELD, TANK MOUNT, SW20-52-61 - RED
14	5100810	2	PAD, RUBBER MOUNT
15	5600050	1	KIT, BUSHING FUEL -(SV)
16	5050831X25	1	HOSE, 1/4 FUEL, 25" LONG -(SV)
17	5102833X1	1	GROMMET -(Grommet for fuel tank 5102833)

Handle Bar & Instrument Control Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301733



Handle Bar & Instrument Control Group

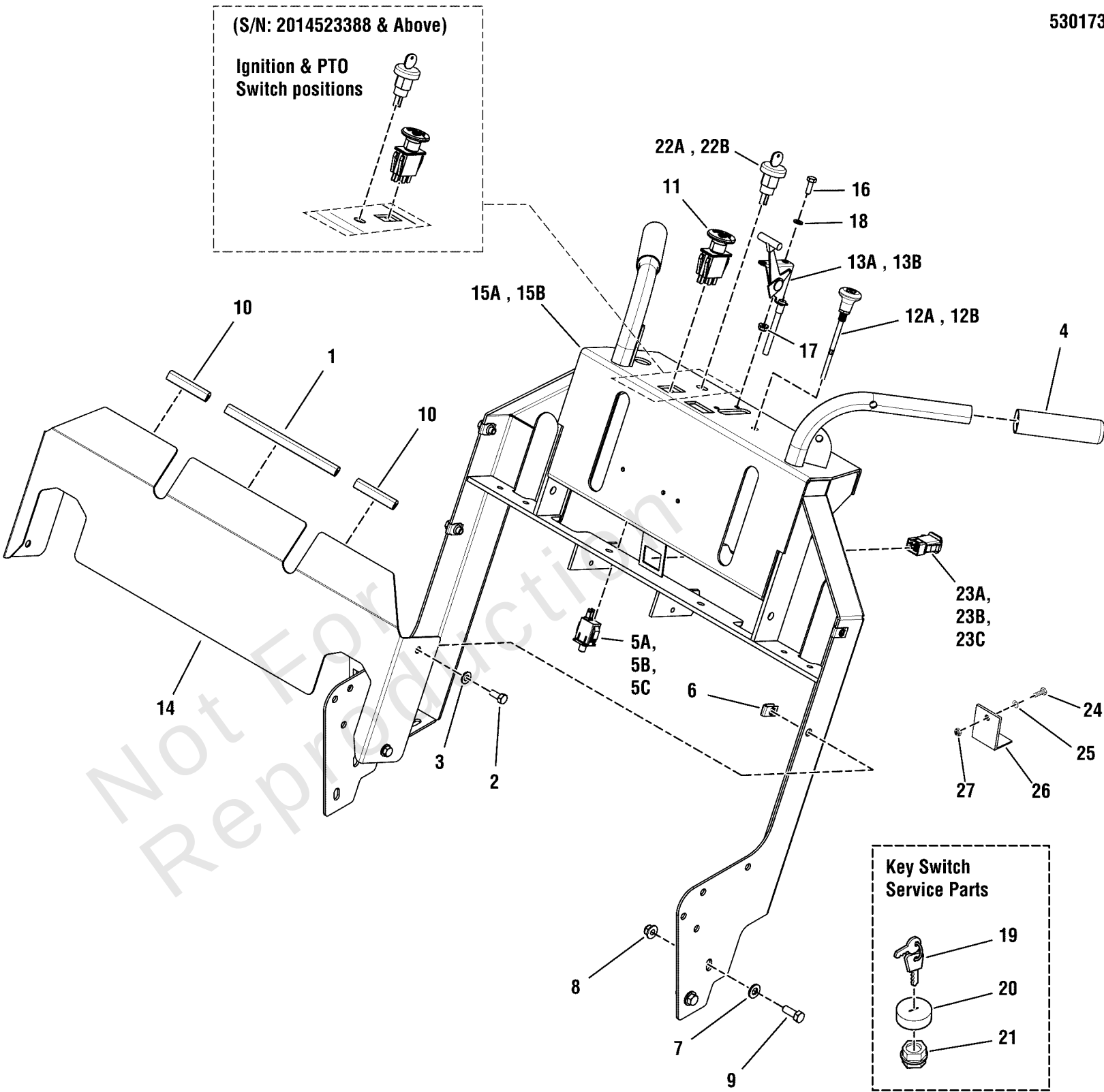
REF NO	PART NO	QTY	DESCRIPTION
1	5050853X8P50	1	BODY MOLDING, 8.50 LONG
2	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
3	5025155	4	WASHER, 5/16" SAE
4	5104659	2	GRIM, FOAM, .940" ID X 4.62" X .187", BLK
5a	5021769	1	SWITCH, PLUNGER, N.C. -(Manual Start Models)(Neutral Switch)
5b	1717050	1	SWITCH, PLUNGER, N.O./N.C. -(Electric Start Models - S/N: 2016535681 & Below)(Neutral Switch)
5c	5021451	1	SWITCH, PLUNGER, NO -(Electric Start Models - S/N: 2016535682 & Above)(Neutral Switch)
6	5022308	4	BODY CLIP, 5/16-18-7GA MATERIAL
7	5025293	6	WASHER, 3/8 GD.9 FLAT
8	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5025013X8	6	BOLT, 3/8-16 X 1" GD5 CZ
10	5050853X3	2	BODY MOLDING, 3" LONG
11	5022180	1	SWITCH, BLADE ENGAGEMENT
12a	5102622	1	CABLE, CHOKE CONTROL, 43.5", DETENTED -(Manual Start Models)
12b	5100184	1	CABLE, CHOKE CONTROL, 43.5" -(Electric Start Models)
13a	5048231	1	CABLE, THROTTLE CONTROL, 40" -(Manual Start Models)
13b	5104657	1	CABLE, THROTTLE, 43" DETENTED -(Electric Start Models)(Was 5102163)
14	5405376D	1	PLATE, HANDLE BAR COVER, SW20-52 - RED
15a	5407245D	1	WELD, HANDLE BARS, SW30 - RED -(S/N: 2014523388 & Above)
15b	5406583D	1	WELD, HANDLE BARS, SW20-52-61 - RED -(S/N: 2014523387 & Below)
16	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
17	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
18	5025154	2	WASHER, 1/4 SAE
19	5022789	1	KEY, IGNITION MOLDED SET
20	5022790	1	COVER, PLASTIC, SNAP ON
21	5022791	1	PLASTIC NUT
22a	5021842	1	SWITCH, IGNITION, 2 POST -(Manual Start Models)
22b	5020927	1	SWITCH, IGNITION, 6 POST -(Electric Start Models)
23a	5101280	1	SWITCH, LOW PROF, NC/NO -(Manual Start Models)(Parking Brake Switch)
23c	5101280	1	SWITCH, LOW PROF, NC/NO -(Electric Start Models - S/N: 2016535681 & Below)(Parking Brake Switch)
23b	5101528	1	SWITCH, LOW PROFILE, NO/NO -(Electric Start Models - S/N: 2016535682 & Above)(Parking Brake Switch)
24	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 YZ -(S/N: 2016535682 & Above)
25	5025141	1	WASHER, 1/4 SAE -(S/N: 2016535682 & Above)
26	5411798A	1	BRACKET, RELAY HOLDER - BLK -(S/N: 2016535682 & Above)
27	5025271	1	NUT, #10-24 HEX NYLOCK LOCK -(S/N: 2016535682 & Above)
28a	5101216	1	SWITCH, PLUNGER, NC, SINGLE POLE SNAP-IN -(Manual Start Models)(Operator Presence Switch)
28b	5101528	1	SWITCH, LOW PRO, NO/NO -(Electric Start Models - S/N: 2016535681 & Below)(Operator Presence Switch)

Handle Bar & Instrument Control Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301733



Handle Bar & Instrument Control Group

REF NO	PART NO	QTY	DESCRIPTION
28c	5101589	1	SWITCH, PLUNGER, NO, SINGLE POLE SNAP-IN -(Electric Start Models - S/N: 2016535682 & Above)(Operator Presence Switch)

Not For Reproduction

Hydraulic Group

REF NO	PART NO	QTY	DESCRIPTION
1	5100473	2	RESERVOIR, HYDRO OIL, 350 ML
2	5405352D	2	PLATE, HYDRO BOTTLE, MOUNT - RED
3	5025155	4	WASHER, 5/16" SAE
4	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
5	5025392	14	NUT, 5/16-18 HEX NYLOCK FLANGE
6a	5102809	1	TRANSAXLE, ZT3100, LH(ZJ-GMFE-3B5B-1RLX) -(S/N: 2014522400 & ABOVE)
6b	5102155	1	TRANSAXLE, ZT3100 - LH - SNP WB -(S/N: 2014522399 & BELOW)
7	5403335A	2	NLA - PLATE, WHEEL SPACER-4-BOLT, 1/4-BLK -(S/N: 2014330773 & BELOW)
8	5025011X22	4	BOLT, 5/16-18 X 2-3/4, GD 5, YZ
9	5025292	8	WASHER, 5/16 GD.9 FLAT
10a	5103458	2	BOLT, HEX, 3/8-16 X 2-1/4, GD8, PLAIN -(S/N: 2015476405 & ABOVE)
10b	5025011X18X*	4	* BOLT, 5/16-18 X 2-1/4 GD5 YZ -(S/N: 2015476404 & BELOW)
11a	5103453	1	ROD, HYDRO LINK, 3/8, CZ -(S/N: 2015476405 & ABOVE)
11b	5102009	1	* ROD, HYDRO LINK, 5/16 -(S/N: 2015476404 & BELOW)
12	5025011X44	2	BOLT, 5/16-18 X 5-1/2, GD 5, YZ -(S/N: 2016490403 & BELOW)
13a	5102810	1	TRANSAXLE, ZT3100, RH(ZJ-KMFE-3C5C-1RLX) -(S/N: 2014522400 & ABOVE)
13b	5102154	1	TRANSAXLE, ZT3100 - RH - SNP WB -(S/N: 2014522399 & BELOW)
14	5022481	4	COLLAR, 1/4 SET
15	5102638	2	ROD, HYDRO RELEASE, SW30
16	5103942	2	SPACER, .34 X 1.00 X 3.27, YZ -(S/N: 2016490403 & BELOW)
17	5020047	2	COLLAR, 5/16 SET
18	5025474	4	CLAMP, HOSE, .75 FREE DIA.
19	5050857X24	2	HOSE, 1/2" PUSH-ON, 24.00"
20	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 YZ
21	5025154	4	WASHER, 1/4 SAE
22	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
23	5050862X20	2	WIRE LOOM, 3/4" ID, 20" LONG
24	5025293	2	WASHER, 3/8 GD.9 FLAT -(S/N: 2015476405 - 2016490403)
25	5025011X18X*	2	BOLT, 5/16-18 X 2-1/4" GD5 YZ
26	1960071	2	WASHER-0.375(0.41IDX1.75ODX.25THK) BLK -(S/N: 2016490404 & ABOVE)
27	5025011X48	2	BOLT, HEX, 5/16-18 X 6", GD5, CZ -(S/N: 2016490404 & ABOVE)
28	5103971	2	SPACER, .34 X 1.00 X 3.02 CZ -(S/N: 2016490404 & ABOVE)

Footnotes:

PLEASE ORDER THE NEW 3/8" HYDRO LINK KIT (P/N 5600592).

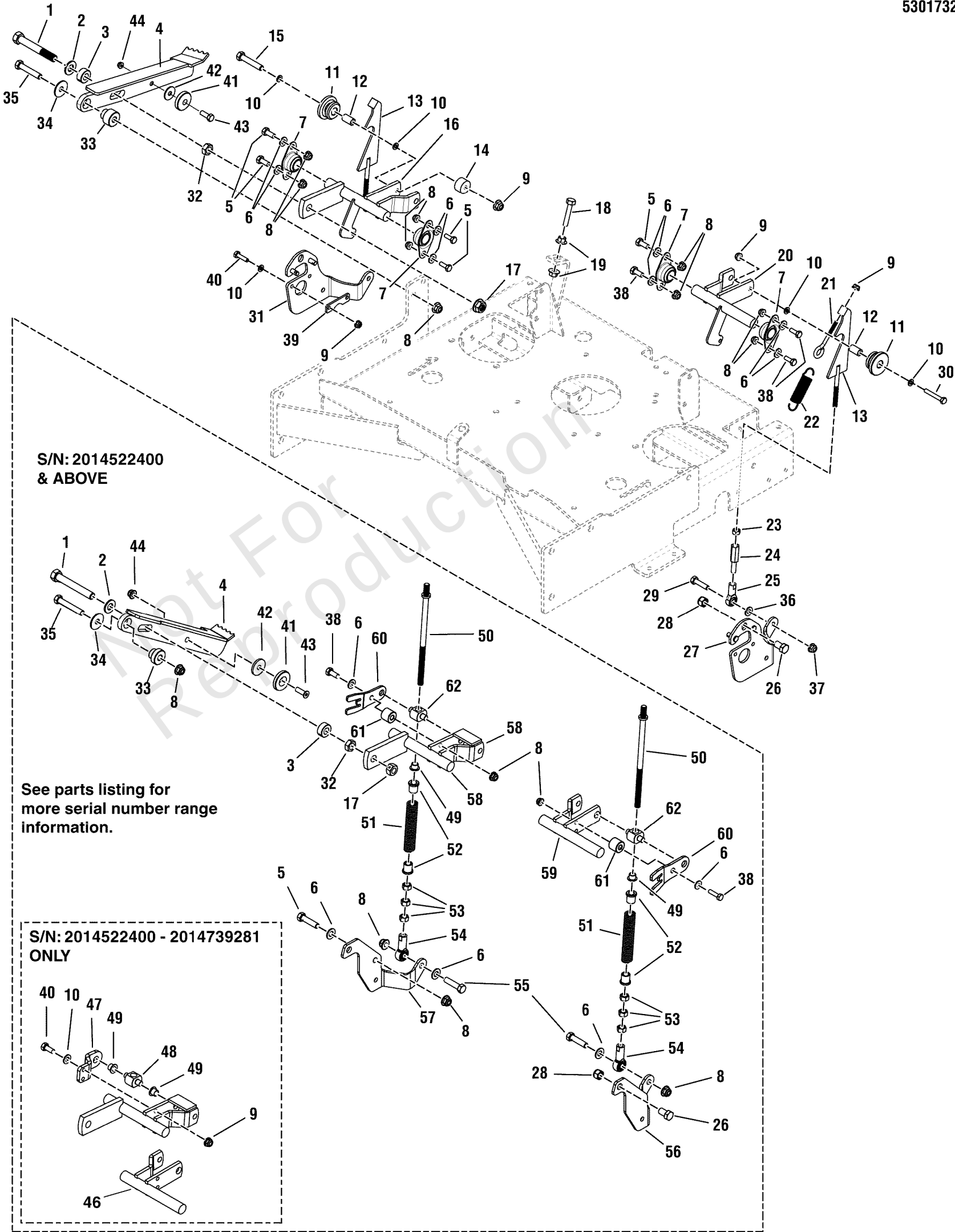
* WHEN REPLACING THE HYDRO LINK ROD ON MODELS S/N: 2015476404 & BELOW

Motion Control Group - Lower

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301732



Motion Control Group - Lower

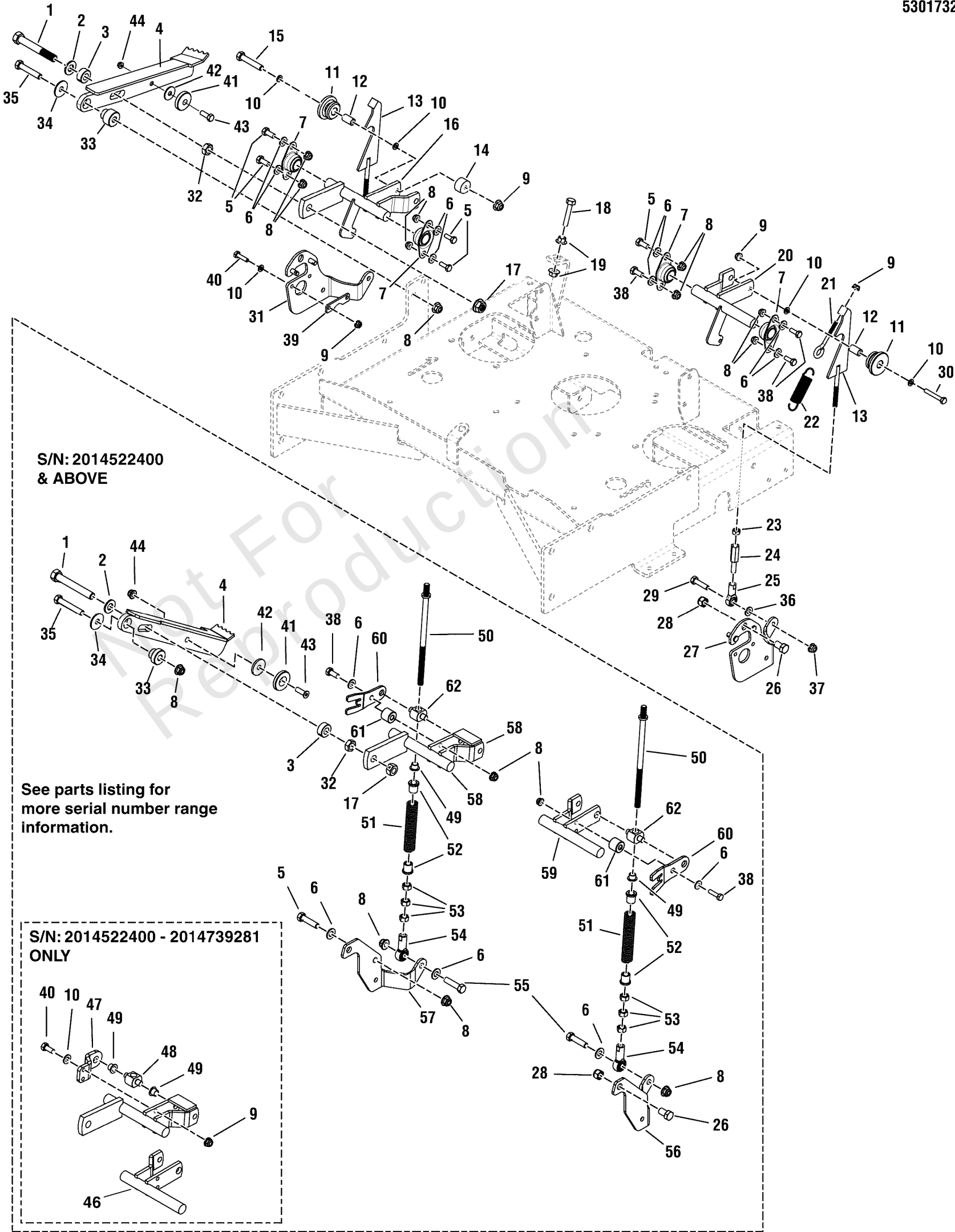
REF NO	PART NO	QTY	DESCRIPTION
1	5025017X28	1	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
2	5025158	1	WASHER, 1/2 SAE
3	5010580	1	COLLAR, 1/2 SET (1/2 SPLIT COLLAR IN MODEL) -(S/N: 2014522399 & BELOW)
4	5405649D	1	WELD, FOOT PEDAL, SW30 - RED -(S/N: 2014441040 & BELOW)
4	5407090D	1	WELD, FOOT PEDAL, SW30 - RED -(S/N: 2014441041 & ABOVE)
5	5025013X8	3	BOLT, 3/8-16 X 1" GD5 CZ -(S/N: 2014522400 & ABOVE USE QTY. 10)
6	5025156	8	WASHER, 3/8 SAE -(S/N: 2014522400 & ABOVE USE QTY. 10)
7	5021098	4	BEARING, BRONZE FLANGE, 3/4"
8	5025394	9	NUT, 3/8 - 16 HEX NYLOCK FLANGE -(S/N: 2014522400 & ABOVE USE QTY. 10)
9	5025391	8	NUT, 1/4-20 Hex Nylock Flange -(S/N: 2014522400 - 2014739281 USE QTY. 4)
10	5025154	8	WASHER, 1/4 SAE -(S/N: 2014522400 - 2014739281 USE QTY. 4)
11	5100766	2	ROLLER, SPEED CONTROL -(S/N: 2014522399 & BELOW)
12	5102065	2	SPACER, .251 X .5005 X .860, BRASS -(S/N: 2014522399 & BELOW)
13	5101240	2	ROD, CONTROL RAMP -(S/N: 2014522399 & BELOW)
14	5101281	1	SPACER, .26 X .50 X .50 YZ -(S/N: 2014522399 & BELOW)
15	5025010X18	1	BOLT, 1/4-20 X 2-1/4 GD5 CZ
16	5405224D	1	WELD, LOWER CONTROL SHAFT, RH - RED -(S/N: 2014522399 & BELOW)
17	5025332	1	NUT, 1/2-13 Hex Side Lock
18	5025538	1	BOLT, 5/16-24 X 1-3/4, FULL THRD, GD5 YZ
19	725338	2	NUT, .31-24 HEX FLG SERRATED LK
20	5405223D	1	WELD, LOWER CONTROL SHAFT, LH - RED -(S/N: 2014522399 & BELOW)
21	5025189X24	2	EYE BOLT, 1/4-20 X 3, ZC -(S/N: 2014522399 & BELOW)
22	5101339	2	SPRING, EXTENSION, 3.281 X .751 X .075 WIRE -(S/N: 2014522399 & BELOW)
23	5023212	2	NUT, 5/16-24 HEX, LH -(S/N: 2014522399 & BELOW)
24	5101243	2	ADJUSTER, ROD LINKAGE 5/16-24 -(S/N: 2014522399 & BELOW)
25	5104578	2	BALL JOINT 5/16-24 RH FEMALE STAMPED STL -(S/N: 2014522399 & BELOW)
26	5025015X6	2	BOLT, 7/16-14 X 3/4, GD 5 YZ
27	5405632D	1	WELD, CONTROL ARM, LH - RED -(S/N: 2014522399 & BELOW)
28	5025044	2	NUT, 7/16-14 HEX TOP LOCK
29	5025011X10	2	BOLT, 5/16-18 X 1-1/4" GD5 YZ -(S/N: 2014522399 & BELOW)
30	5025010X14	1	BOLT, 1/4 X 20 X 1-3/4 GD5 YZ -(S/N: 2014522399 & BELOW)
31	5405633D	1	WELD, CONTROL ARM, RH - RED -(S/N: 2014522399 & BELOW)
32	5025301	1	NUT, Hex, Jam, 1/2-13
33	5101262	1	SPACER, .38 X 1.13 X 1.00 STEP, YZ -(S/N: 2014441040 & BELOW)

Motion Control Group - Lower

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301732



Motion Control Group - Lower

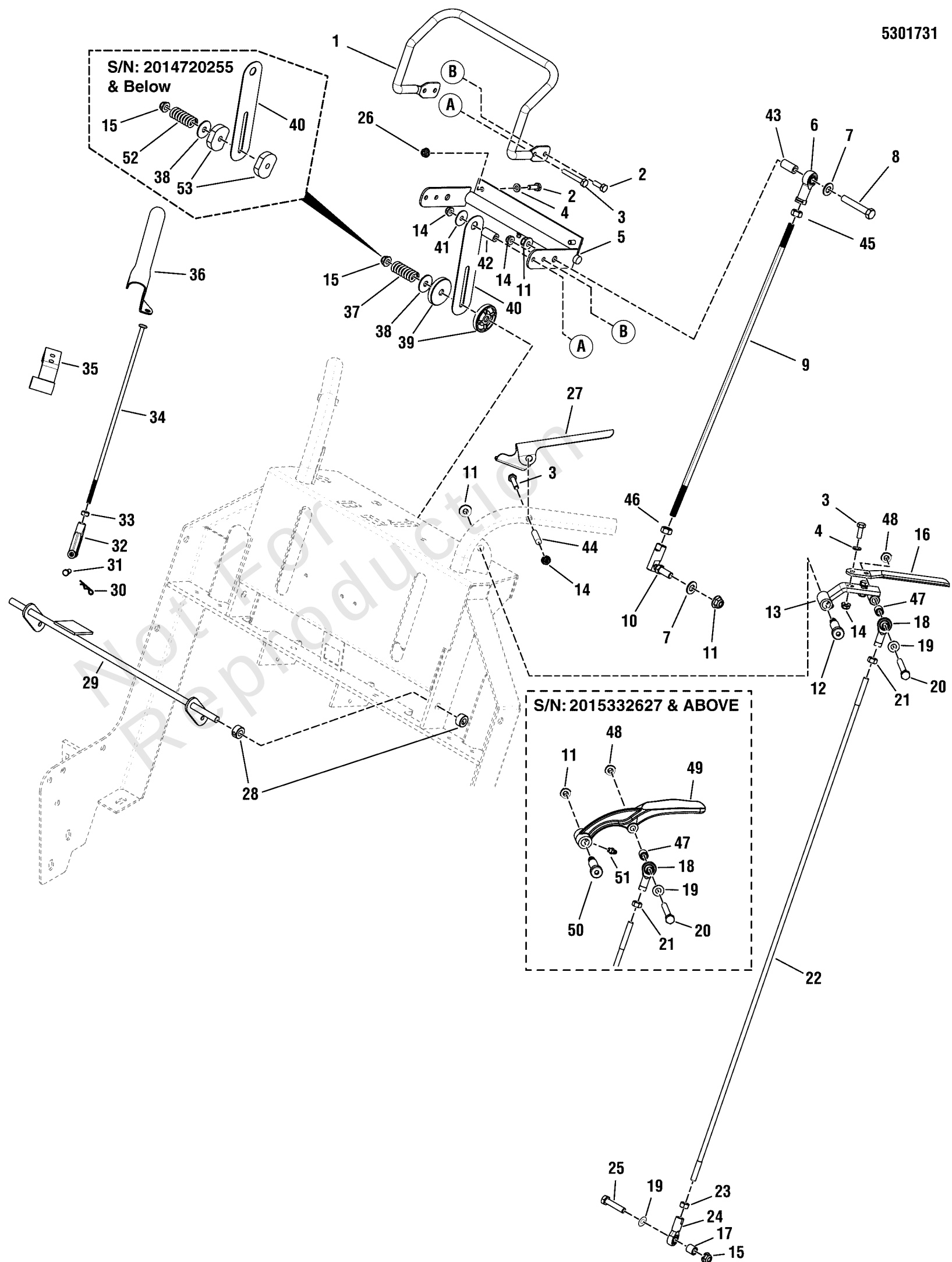
REF NO	PART NO	QTY	DESCRIPTION
33	5102406	1	SPACER, .38 X 1.13 X .781 STEP, CZ -(S/N: 2014441041 & ABOVE)
34	5025165	1	WASHER, 3/8" Fender
35	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
36	5025155	2	WASHER, 5/16" SAE -(S/N: 2014522399 & BELOW)
37	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE NUT -(S/N: 2014522399 & BELOW)
38	5025013X6	5	BOLT, 3/8-16 X 3/4" GD5 CZ
39	5405969D	2	PLATE, TRANS MOUNT, BACKER - RED -(S/N: 2014522399 & BELOW)
40	5025010X8	4	BOLT, 1/4-20 X 1" GD5 CZ
41	5102701	1	SPACER, .34 X 1.54 X .25 - UHMW -(S/N: 2014441041 & ABOVE)
42	5044617	1	WASHER, .34 X 1.25 X 10 GA -(S/N: 2014441041 & ABOVE)
43	5025561	1	SCREW, 5/16-18 X 1-1/4, FSHS, BLK, ALLEN -(S/N: 2014441041 & ABOVE)
44	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE NUT -(S/N: 2014441041 & ABOVE)
45	5407116D	1	WELD, LOWER CTRL SHAFT, RH - RED -(S/N: 2014522400 - 2014739281)
46	5407115D	1	WELD, LOWER CTRL SHAFT, LH - RED -(S/N: 2014522400 - 2014739281)
47	5407113D	2	BRACKET, PIVOT SUPPORT - RED -(S/N: 2014522400 - 2014739281)
48	5102708	2	PIVOT, 3/8 DUAL POST -(S/N: 2014522400 - 2014739281)
49	5102773	2	BUSHING, .38ID X .47 OD X .38L, FL -(S/N: 2014522400 - 2014739281 USE QTY: 6)
50	5102716	2	ROD, RETURN CONTROL, SW30 -(S/N: 2014522400 & ABOVE)
51	5023320	2	SPRING-COMP, .615ID X 4.00LG X .080WR -(S/N: 2014522400 & ABOVE)
52	5102709	4	BUSHING, .38 X .75 X .75, PLASTIC -(S/N: 2014522400 & ABOVE)
53	5025035SM	6	NUT (3/8-24 HEX) -(S/N: 2014522400 & ABOVE)
54	5021683	2	BALL JOINT, 3/8-24 FEMALE -(S/N: 2014522400 & ABOVE)
55	5025013X12	2	BOLT, 3/8-16 X 1-1/2" GD5 CZ -(S/N: 2014522400 & ABOVE)
56	5407036D	1	PLATE, CONTROL MOUNT, LH -(S/N: 2014522400 & ABOVE)
57	5407037D	1	PLATE, CONTROL MOUNT, RH -(S/N: 2014522400 & ABOVE)
58	5407895D	1	WELD, CONTROL SHAFT, SW30, RH - RED -(S/N: 2014739282 & ABOVE)
59	5407894D	1	WELD, CONTROL SHAFT, SW30, LH - RED -(S/N: 2014739282 & ABOVE)
60	5407113D	2	BRACKET, PIVOT SUPPORT - RED -(S/N: 2014739346 & ABOVE)
61	5047125	2	SPACER, .39 X 1.00 X .88, CZ -(S/N: 2014739282 & ABOVE)
62	5103022	2	TRUNION, 1/2" POSTS, STAINLESS -(S/N: 2014739346 & ABOVE)

Motion Control Group - Upper

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301731



Motion Control Group - Upper

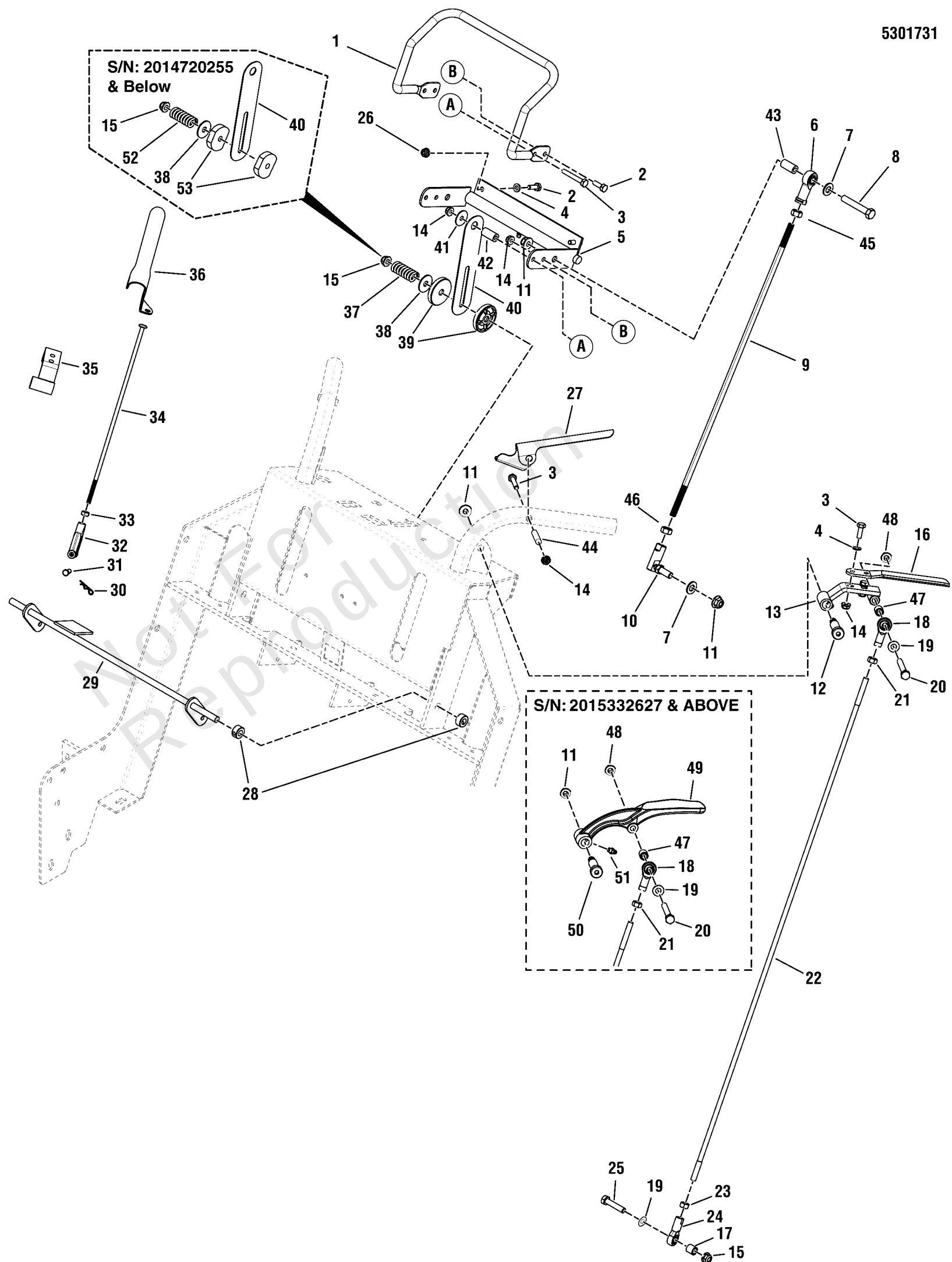
REF NO	PART NO	QTY	DESCRIPTION
1	5100744	1	BAR, SPEED CONTROL, DIPPED
2	5025010X6	9	BOLT, 1/4-20 X 3/4 GD5 YZ
3	5025010X14	3	BOLT, 1/4-20 X 1-3/4 GD5 YZ
4	5025154	8	WASHER, 1/4 SAE
5	5412891A	1	WELD, SPEED CONTROL, SW35 - BLK
6	5022392	2	ROD END, 3/8-24 LH FEMALE
7	5025156	4	WASHER, 3/8 SAE
8	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ
9	5101236	2	ROD, CRUISE CONTROL, SNP PRO WB
10	5020805	2	BALL JOINT, 3/8-24 FEM, STUD.
11	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
12	5025220	2	BOLT-3/8-16 x 1-1/2, 1/2 SHOULDER -(S/N: 2014332626 & Below)
13	5403959D	1	WELD, REVERSE HANDLE - LH - RED -(S/N: 2014332626 & Below)
14	5025391	10	NUT, 1/4-20 HEX NYLOCK FLANGE
15	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE
16a	5407391A	2	LEVER, REVERSE HANDLE - BLK -(S/N: 2014663599 - 2015332626)
16b	5101287A	2	LEVER, REVERSE HANDLE - BLK -(S/N: 2014663598 & Below)
17	5102148	2	SPACER, .33 X .50 X .50, YZ
18	5104579	2	BALL JOINT 5/16-24 LH FEMALE STAMPED STL
19	5025155	4	WASHER, 5/16" SAE
20	5025011X18X*	2	BOLT, 5/16-18 X 2-1/4 GD5 YZ
21	5023212	2	NUT, 5/16-24 HEX, LH
22	5103349	2	ROD, 5/16-24 X 33.2 LH-RH, YZ
23	5025033	2	NUT, 5/16-24 HEX
24	5104578	2	BALL JOINT 5/16-24 RH FEMALE STAMPED STL
25	5025011X14	2	BOLT, 5/16-18 X 1-3/4 GD5 YZ
26	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
27	5104202A	1	NLA - FLAP, OPS - BLK
28	5010546	2	COLLAR, 3/8 SET
29	5405476D	1	WELD, ROD, SWITCH - RED
30	5025211	2	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, YZ
31	5025212X7	2	PIN, CLEVIS, 1/4 X 7/8, PLATED
32	84007748	2	CLEVIS
33	7090095	2	HN, 1/4F GR5 YZ
34	5101242	2	ROD, OPC LINK, SNP PRO WB
35	5403307D	1	WELD, REVERSE HANDLE - RH - RED -(S/N: 2014332626 & Below)
36	5104201A	1	NLA - FLAP, OPS - BLK
37	5021773	1	SPRING-COMP, .455IDX1.75LGX.135WR -(S/N: 2014720255 & Below)
38	5025164	1	WASHER, 5/16 FENDER
39	5044726	2	DDS BRAKE PUCK -(S/N: 2014720255 & Below)
40	5403778	1	PLATE, FRICTION CONTROL
41	5025288	1	WASHER, 1/4 FENDER
42	5101274	1	SPACER, .26 X .50 X 1.00 YZ
43	5042658	2	SPACER, .39 X .75 X 1.06
44	5101215	2	SPACER, .26 X .38 X 1.250, YZ
45	5025317	2	NUT, 3/8-24 HEX, LH

Motion Control Group - Upper

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301731



Motion Control Group - Upper

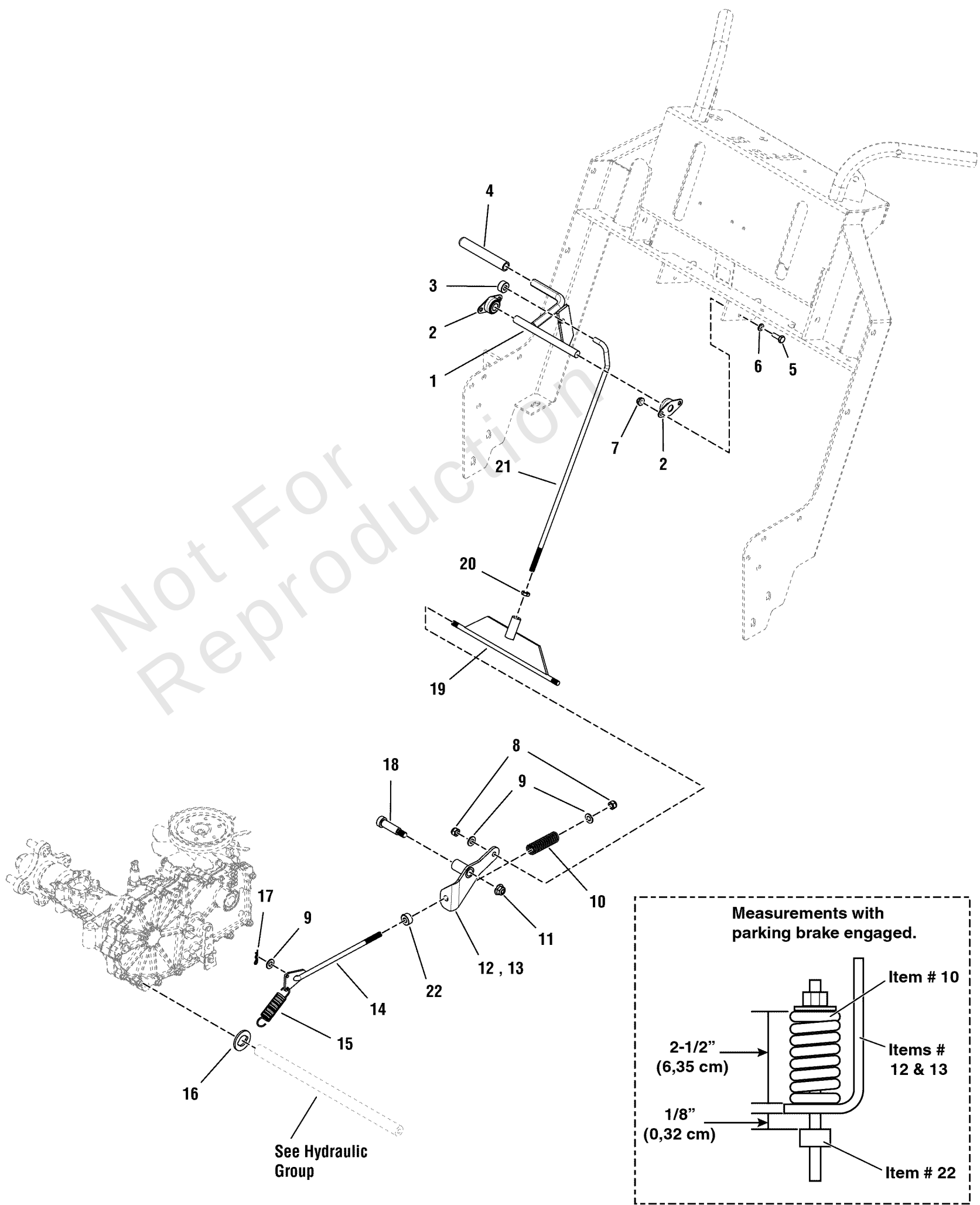
REF NO	PART NO	QTY	DESCRIPTION
46	5025035SM	2	NUT (3/8-24 HEX)
47	5102463	1	SPACER, .33 X .50 X .25, YZ
48	5025057	2	NUT, 5/16-18 HEX NYLON LOCK
49	5102556A	2	HANDLE, REVERSING - BLK -(S/N: 2015332627 & Above)
50	5025223	2	BOLT, 3/8-16 X 1, 1/2 SHOULDER -(S/N: 2015332627 & Above)
51	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT -(S/N: 2015332627 & Above)
52	5022361	1	SPRING-COMP, .428IDX2.50LGX.154WR, BZ -(S/N: 2014720256 & Above)
53	5102701	1	SPACER, .34 X 1.54 X .25 - UHMW -(S/N: 2014720256 & Above)

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

5301734



Parking Brake Group

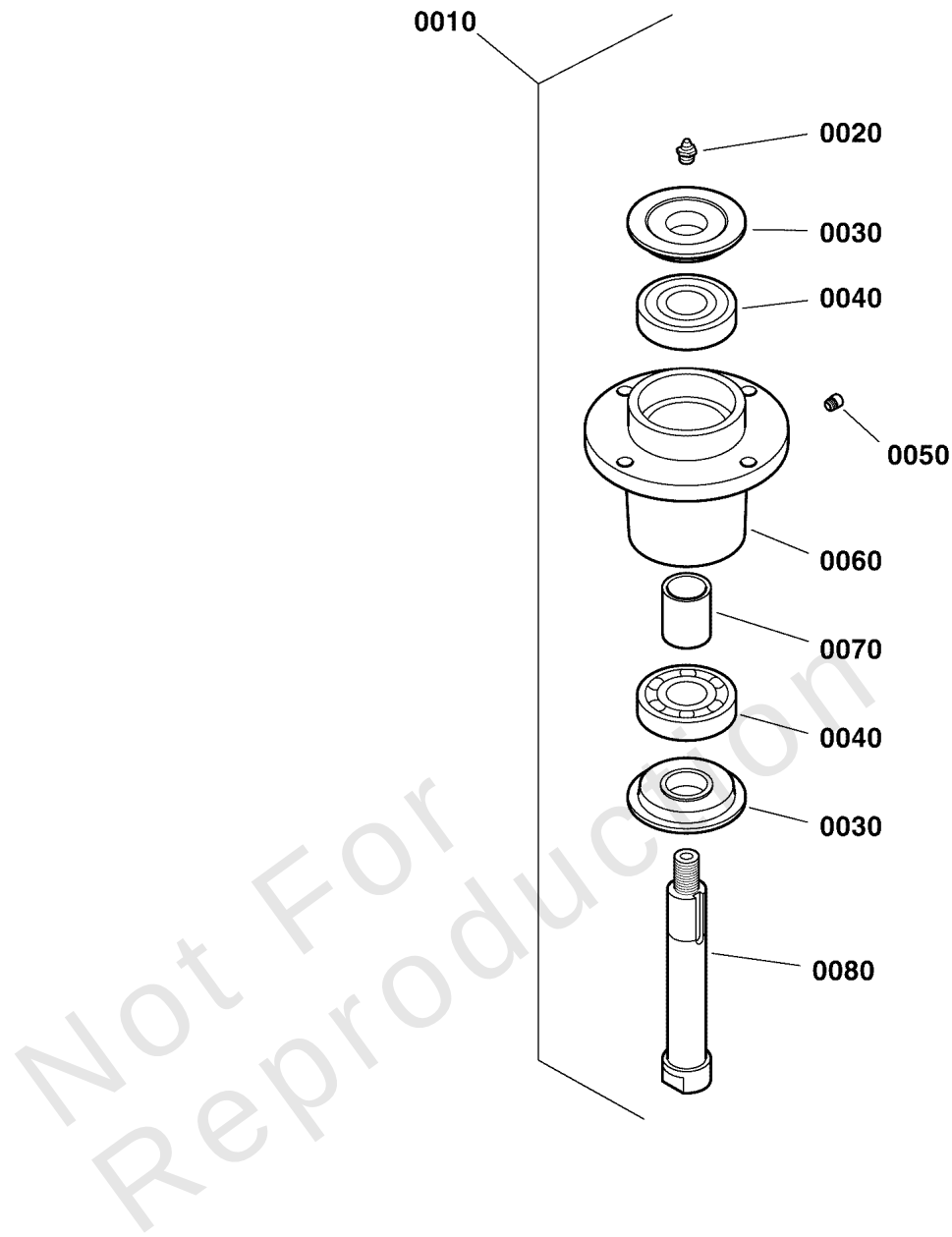
REF NO	PART NO	QTY	DESCRIPTION
1	5405442D	1	WELD, BRAKE SHAFT, SW30 - RED
2	5101123	2	BEARING, 1/2 FLANGED, PLASTIC BALL
3	5020047	1	COLLAR, 5/16 SET
4	5021880	1	GRIP, FOAM
5	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 YZ
6	5025154	4	WASHER, 1/4 SAE
7	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
8	5025045	4	NUT, 5/16-24 HEX NYLON LOCK
9	5025155	6	WASHER, 5/16" SAE
10	5023242	2	SPRING-COMP, .496ID X 3.00LG X .112WR
11	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
12	5405231D	1	WELD, BRAKE ARM, LH, SW30 - RED
13	5405232D	1	WELD, BRAKE ARM, RH, SW30 - RED
14	5102010	2	ROD, LOWER BRAKE, SW30
15	5101339	2	SPRING-EXT, 3.281 x .751 x .075 WIRE
16	5403960	2	WASHER, KEYED, 1-1/2 OD
17	5025203X6	2	PIN, COTTER, 1/8 X 3/4
18	5025220	2	BOLT-3/8-16 x 1-1/2, 1/2 SHOULDER
19	5102199	1	BRAKE ROD, LOWER CONNECTION, SW30
20	5023216	1	NUT, 5/16-24 JAM
21	5101116	1	ROD, PULLER ROD
22	5102997	2	COLLAR, DOUBLE SPLIT, 5/16 CZ

Spindle SERVICE PARTS - 5061095

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900856

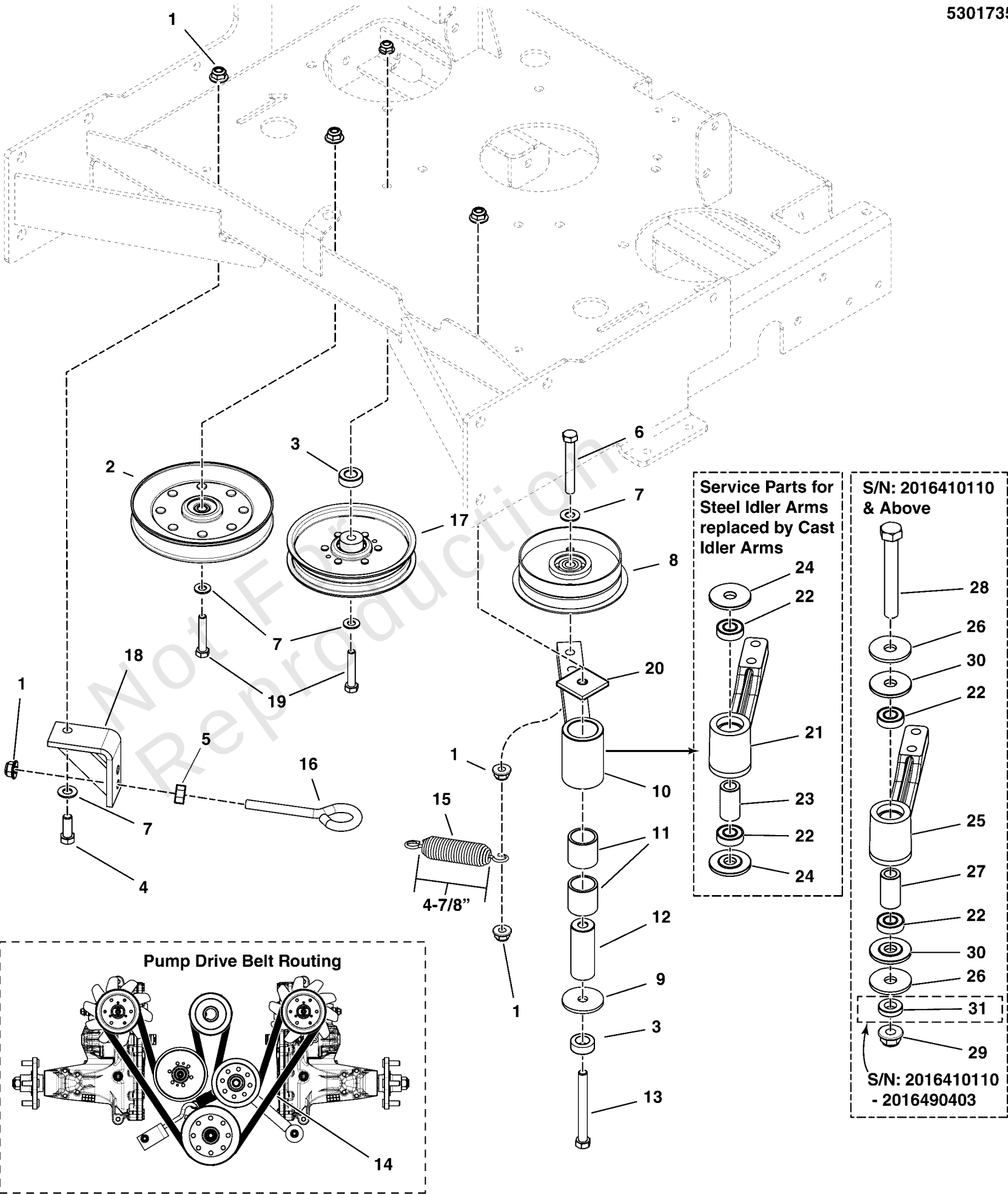
5061095



Spindle SERVICE PARTS - 5061095

REF NO	PART NO	QTY	DESCRIPTION
0010	5061095SM	1	ASSM, SPINDLE, LOW PR -(Nut and Washer Sold Seperately) (Includes items #0020 - 0080)
0020	5023329SM	1	FITTING
0030	5049793SM	2	SHIELD, TRASH
0040	5023330SM	2	BEARING, .98 X 2.44 X
0050	5023296SM	1	FITTING, RELIEF, 1-5
0060	5102993YP	1	SUB ASM, SPINDLE, LON -(Includes items #0040 - Qty (2) & #0070 - Qty (1))
0070	5061099SM	1	SPACER
0080	5061098SM	1	SHAFT, SPINDLE

5301735



Transaxle Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025394	7	NUT, 3/8-16 HEX NYLOCK FLANGE
2	5102093	1	PULLEY-IDLER-V, 5.83OB, .38ID, .94W, STL
3	5044960	2	SPACER, .39 X 1.00 X .25
4	5025013X8	1	BOLT, 3/8-16 X 1" GD5 CZ
5	5025084	1	NUT, 3/8-16 HEX JAM
6	5025013X20	1	BOLT, 3/8-16 X 2-1/2" GD5 CZ
7	5025156	4	WASHER, 3/8 SAE
8	5102496	1	PULLEY, IDLER, SINGLE FLANGE, 4" OD
9	5025305	1	WASHER, .41 X 1.75 X .14
10	-----	1	NO LONGER AVAILABLE, USE ITEM #21 -(SV)(S/N: 2016410109 & Below)
11	5022157	2	BUSHING, BRASS, 1.25X1X1.25
12	5102004	1	SPACER, .39 X 1.000 X 2.55, SS
13	5025013X32	1	BOLT, 3/8-16 X 4" GD5 CZ
14	5100034	1	BELT, A-SEC, 100.00EL, ARAMID, WRPD
15	5100633	1	SPRING-EXT, 1.25 ODX5.70LGX.142WR, BLK
16	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
17	5101193	1	PULLEY-IDLER, 5.00OD, .385ID, .75W, STL
18	5045200D	1	WELD, ANCHOR EYEBOLT
19	5025013X14	2	BOLT, 3/8-16 X 1-3/4" GD5 CZ
20	5045090	1	SPACER, IDLER PIVOT
21	5406895	1	ASSM, IDLER ARM, PUMP DRIVE, 3/8ID, CAST -(SV)(includes items # 22 - 24)(5101178A)
22	7078243	2	BEARING, BALL, AXLE
23	5102580	1	SPACER, .39 X .88 X 1.53, CZ
24	5102579	2	SPACER, IDLER ARM, T-STYLE, CZ
25	5411066	1	ASSM, IDLER ARM, PUMP DRIVE, 1/2ID, CAST -(SV)(S/N: 2016410110 & Above)(5101178A)
26	5103282	2	WASHER, .52 X 1.75 X .14, CZ
27	5103812	1	SPACER, .52 X .84 X 1.53, PM
28	5025017X32	1	BOLT, 1/2-13 X 4" GD5 CZ
29	5025396	1	NUT, Hex Flange, Nylock, 1/2-13
30	5103262	2	SPACER, IDLER ARM, 1/2, PM
31	5101376	1	SPACER, .52 X 1.00 X .25, CZ -(S/N: 2016410110 - 2016490403)

5102154

Hydro-Gear® Model ZJ-KMFE-3B5A-1PLX (P/N 5102154)

Hydro-Gear® Model ZJ-GMFE-3B51-1PLX (P/N 5102155)

Hydro-Gear® Model ZJ-KMFE-3B5C-1PLX (P/N 5102810)

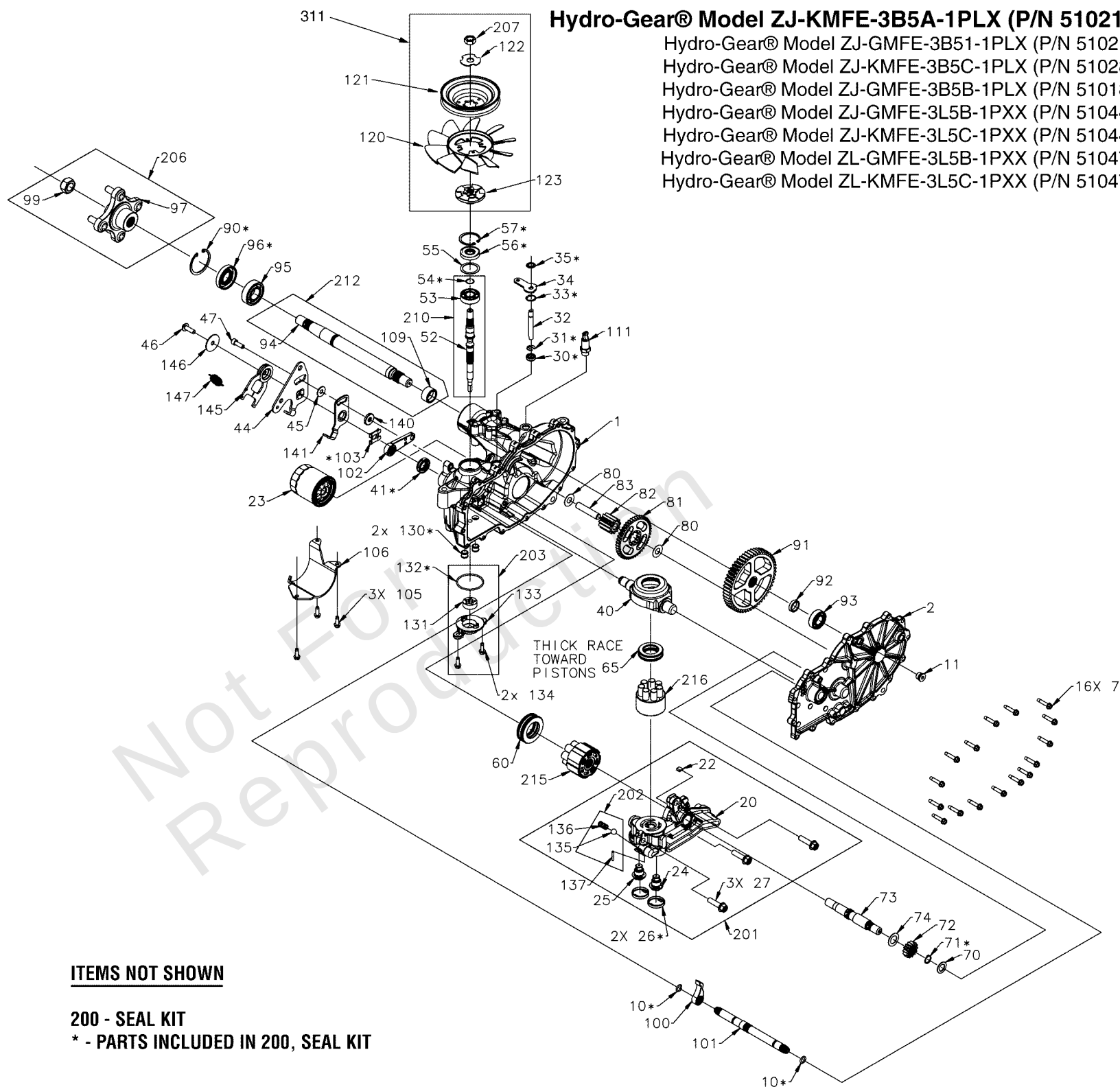
Hydro-Gear® Model ZJ-GMFE-3B5B-1PLX (P/N 5101809)

Hydro-Gear® Model ZJ-GMFE-3L5B-1PXX (P/N 5104471)

Hydro-Gear® Model ZJ-KMFE-3L5C-1PXX (P/N 5104472)

Hydro-Gear® Model ZL-GMFE-3L5B-1PXX (P/N 5104707)

Hydro-Gear® Model ZL-KMFE-3L5C-1PXX (P/N 5104706)

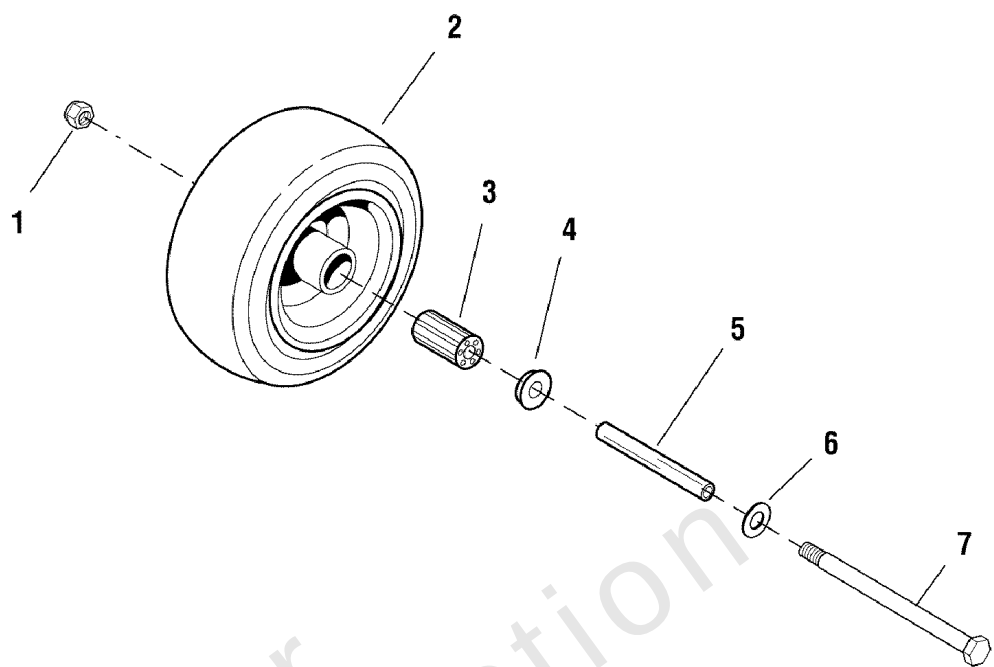


Transaxle SERVICE PARTS - ZT3100

REF NO	PART NO	QTY	DESCRIPTION
23	5101026X1	1	FILTER, OIL, ZT2800
41	5101026X2	1	SEAL, CONTROL ARM, 18X32X7, #51140
56	5100161X3	1	OUTPUT SHAFT SEAL, 17X40X7, HR #51161
57	5101026X4	1	RING, RET 2.06 INT,
95	5101026X5	1	BEARING BALL, 1.0 X 52 X 15 OPEN 6205M
96	5101026X16	1	SEAL, LIP, AXLE, #53699
120	5101024X1	1	FAN
121	5102154X1	1	PULLEY, 4.5 INCH, HG #52364
121	5101024X2	1	PULLEY, HG #53804
122	5102914	1	WASHER, ZT5400, SLOTTED
123	5101024X3	1	HUB
200	5101026X8	1	KIT SEAL
203	5101026X12	1	KIT, CHARGE PUMP, ZT2800, ZT3100
206	5103382	1	HUB, ASM, TRANS 5101188/89 & 5102154/55
207	5102916	1	NUT, ZT5400
210	5101026X9	1	KIT, INPUT SHAFT
311	5102809X1	1	KIT, FAN AND PULLEY (72134)
1000	5104580X4	1	KIT, PLUG, BRAKE BORE, OUTBOARD -(FW25 & SW25 - S/N: All; FW35 & SW35 - S/N: 2017170235 & Above)
1001	5104580X5	1	KIT, PLUG, BRAKE BORE, INBOARD -(FW35 & SW35 - S/N: 2017170234 & Below)
1002	84009787	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.)

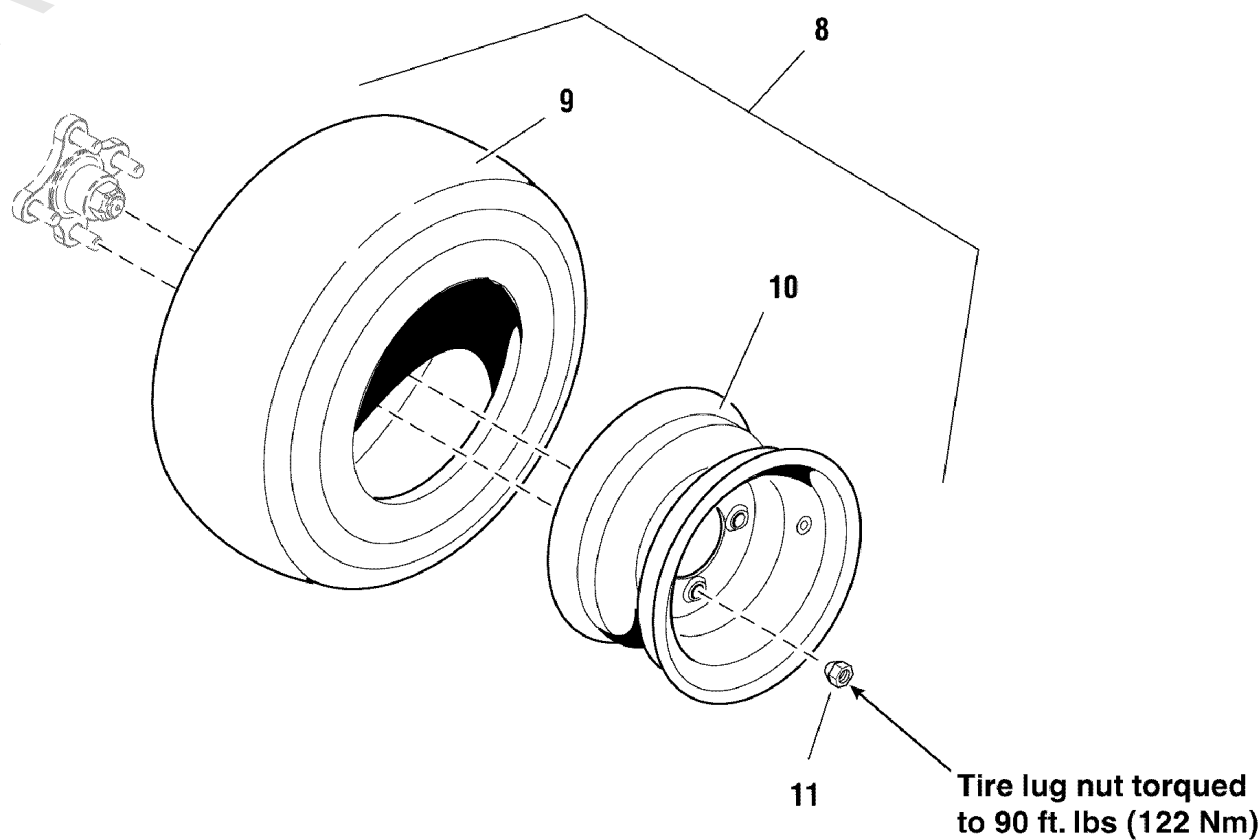
Front Wheels & Tires

5301826



Flat Free Tire

Rear Wheels & Tires



Inflate to 15 psi (1,03 bar)

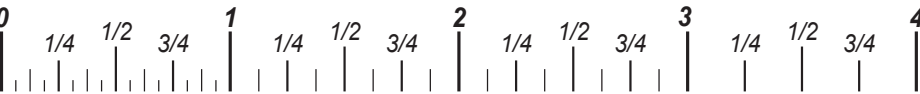
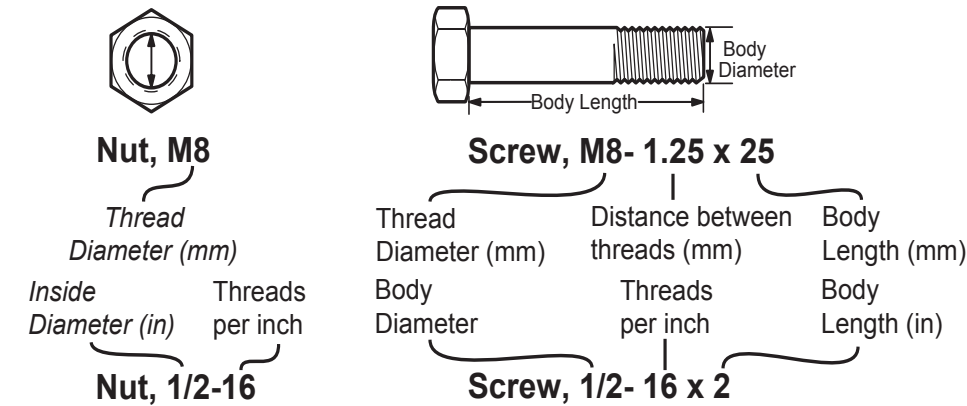
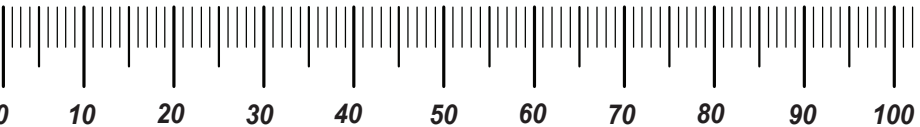
Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
2	5100715	2	TIRE ASSM, 11X4.00-5 FLAT FREE
3	5101418X1	2	BEARING, ROLLER (SV)
4	5021043	2	BEARING, RETAINER (SV)
5	5045996	2	CASTER AXLE DDSH
6	5025158	2	WASHER, 1/2 SAE
7	5025017X56	2	BOLT, HEX, 1/2-13 X 7, GD 8, YZ
8a	5102375	2	TIRE ASM, 20X7-10, 2.0 OS TURF MASTER -(48" Models Only)
8b	5102329	2	TIRE ASSM, 20 X 8 - 10, TURF, 4 BOLT -(52" & 61" Models Only)
9a	5101068X1	2	TIRE, 20X7.00-10NHS, TURF MASTER -(48" Models Only)
9b	5101293X1	2	TIRE, REAR, 20X8X10, TURF MASTER (SV) -(52" & 61" Models Only)
10a	5102375X1	2	WHEEL, 10X6, 4 BOLT, NEG .700" OFFSET (SV) -(48" Models Only)
10b	5102329X2	2	WHEEL, 10X7.00 4/4 SOLID F237 2.625 OS -(52" & 61" Models Only)
11	5020601	8	NUT, 1/2-20, FOR WHEEL BOLT, SILVER

Hardware Identification & Torque Specifications

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

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



Standard Hardware Sizing

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

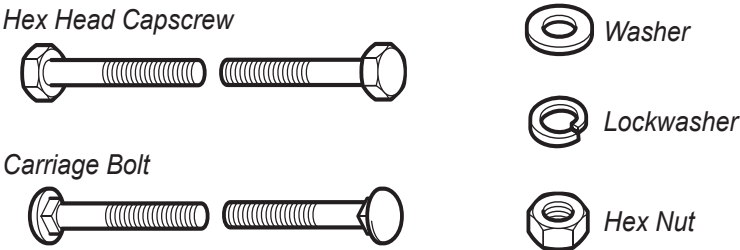
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

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

NOTES

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

Common Hardware Types



Wrench & Fastener Size Guide

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

