



Parts Manual

Mfg. No: 5901606

SRS Z2 Series w/ 61 Mower Deck
(SRSZ2BVE2861)

5600898 - Mulch Kit for ZTR w/ 61" Deck - S/N: 2015340577 & Above / Walk Behind w/ 61" Deck - S/N:
5601010 - Headlight Kit.

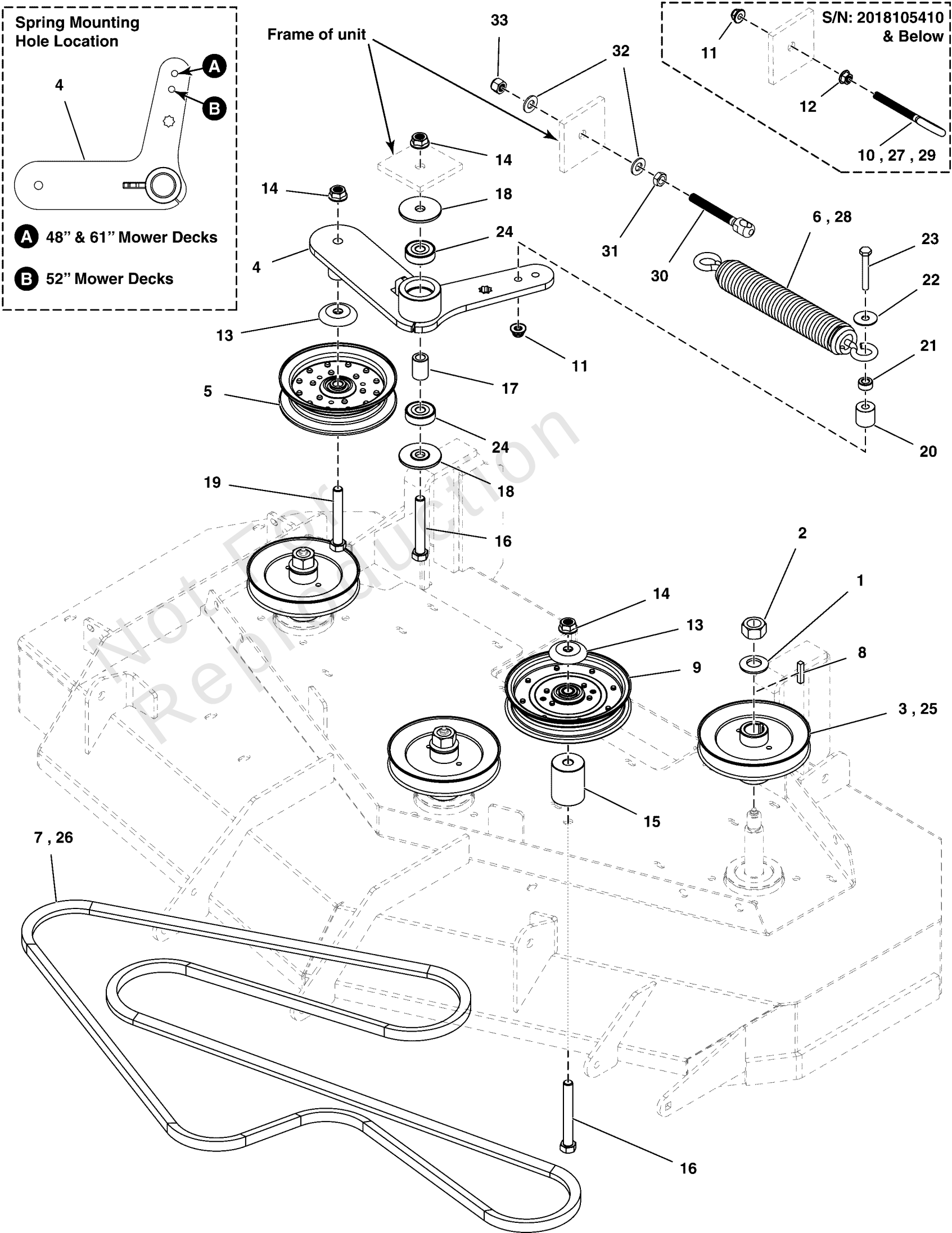
Not For
Reproduction

Model Components	Page
52" & 61" Mower Deck - Pulleys, Belt, & Idler Arm.	4
61" Mower Deck - Housing, Covers, Spindles, & Blades.	6
61" Mower Deck - Rollers.	8
Decal Group - Brand & Model.	10
Decal Group - Safety & Operation.	12
Deck Lift Group.	14
Electrical Group - S/N: 2017576823 & Above.	18
Electrical Schematic - Charging Circuit S/N: 2017576823 - 2017954955.	20
Electrical Schematic - Charging Circuit S/N: 2017954956 & Above.	22
Electrical Schematic - Cranking Circuit S/N: 2017576823 - 2017954955.	24
Electrical Schematic - Cranking Circuit S/N: 2017954956 & Above.	26
Electrical Schematic - Ignition Grounding Circuit S/N: 2017576823 - 2017954955.	28
Electrical Schematic - Ignition Grounding Circuit S/N: 2017954956 & Above.	30
Electrical Schematic - PTO Op. Pres. Circuit S/N: 2017576823 - 2017954955.	32
Electrical Schematic - PTO Op. Pres. Circuit S/N: 2017954956 & Above.	34
Engine & PTO Group - Briggs & Stratton EFI (Remote Oil Tank).	36
Engine Remote Oil Tank, Hoses, & Mount Group.	38
Fuel Tank & Mount, Fuel Supply, and Evap Group.	40
Hydraulic Group.	42
Instrument Control Panel Group.	44
Main Frame Group.	46
Motion Control Group.	50
Neutral Lockout Group S/N: 4000089208 and Below.	54
Neutral Lockout Group S/N: 4000089209 and Above.	56
Operator Compartment Group S/N 2017954955 & Below.	58
Operator Compartment Group S/N 2017954956 & Above.	60
Parking Brake Group.	62
Spindle Service Parts - 5104744.	64
Transaxle Drive Group.	66
Transaxle SERVICE PARTS - ZT3400 (5104580_5104581).	68
Wheel & Tire Group.	70
Torque Specification Chart.	72

52" & 61" Mower Deck - Pulleys, Belt, & Idler Arm

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



52" & 61" Mower Deck - Pulleys, Belt, & Idler Arm

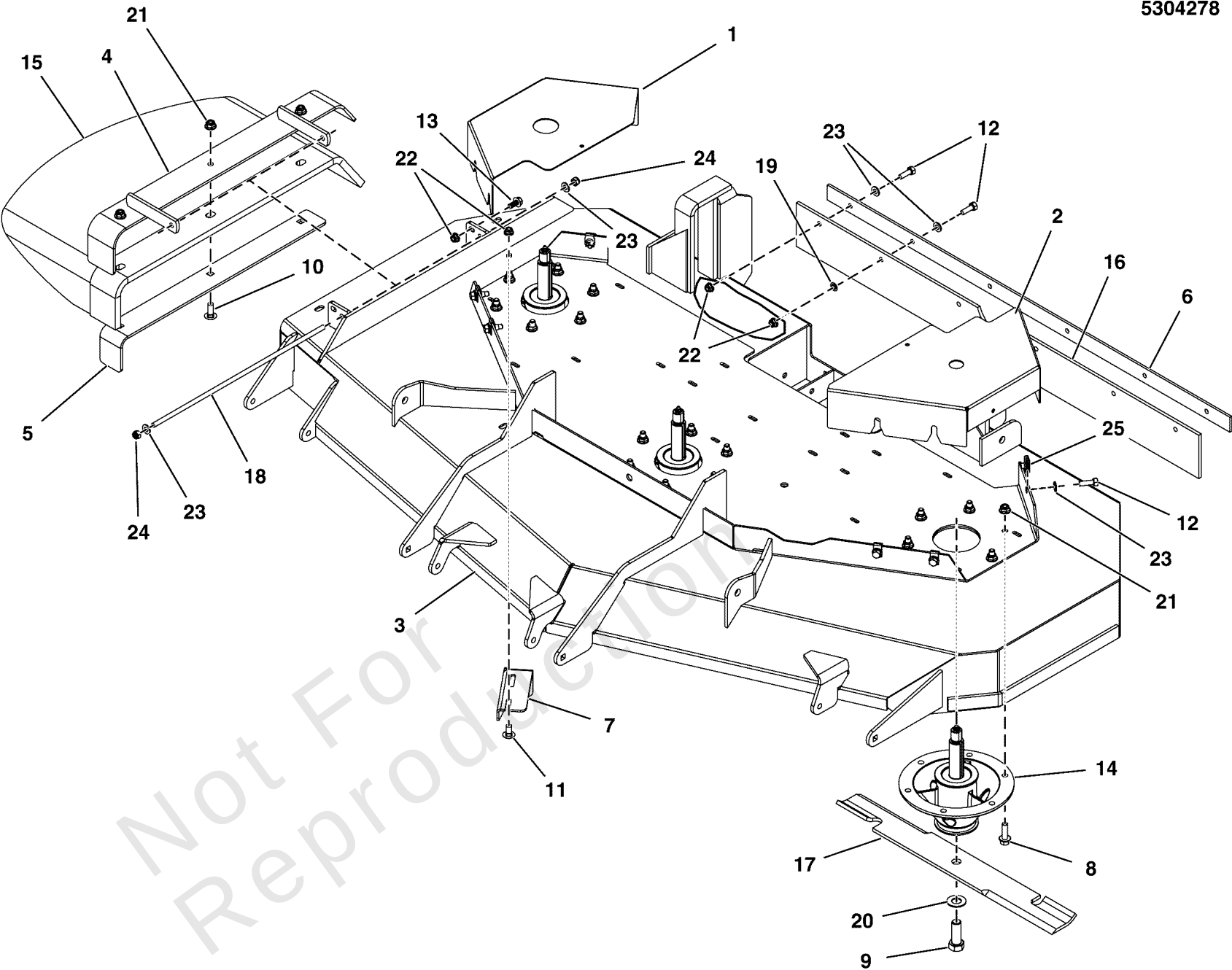
REF NO	PART NO	QTY	DESCRIPTION
1	5025406	3	WASHER, 3/4 BELLEVILLE CL/ZC
2	5025405	3	NUT, 3/4-16 Hex
3	5104540	3	PULLEY, A-SEC, 5.926" OB, SPECIAL HUB -(52" Models)
4	5413996A	1	WELD, IDLER ARM, 52" DECK, STAND ON - BLK
5	-----	1	USE 5104716 PULLEY + 5105145 SHIELD
6	5104166	1	SPRING, EXT, 1.50DX12.25X.234WIRE BLK -(S/N: 2017576822 & Below)
7	5104378	1	BELT, B-SEC, 129"EL, ARAMID, WRAPED -(52" Models)
8	5050407X20	3	KEY, 1/4 SQ X 2-1/2
9	-----	1	Replace with: Pulley #5104717 & Debris Shield #5105145
10	5025429	1	EYEBOLT, 3/8-16 X 4, 2.13THRD, .75EYE, C -(52" Models - S/N: 2017576822 & Below)
11	5025394	1	NUT, 3/8 - 16 HEX NYLOCK FLANGE -(Qty: 2 - S/N: 2018105410 & Below)
12	5025128	1	NUT, 3/8-16 Hex Large Serrated Flange -(S/N: 2018105410 & Below)
13	5101103	2	SHIELD, PULLEY BEARING, CZ
14	5025396	3	NUT, Hex Flange, Nylock, 1/2-13
15	5104643	1	SPACER, .52 X 1.75 X 2.25, CZ
16	5025017X32	2	BOLT, 1/2-13 X 4" GD5 CZ
17	5104456	1	SPACER, .51 X .84 X 1.22, PM, CZ
18	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
19	5025017X28	1	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
20	5100896	1	SPACER, .390 X 1.00 X 1.00 - YZ
21	5044933	1	SPACER, .39 X .75 X .38, PM, CZ
22	5025165	1	WASHER, 3/8" Fender
23	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
24	5104383	2	BEARING, 6203-1/2", SEALED
25	5104679	3	PULLEY, A/B SEC, 7.032 OB, SPECIAL HUB -(61" Models)
26	5104064	1	BELT, 5V, 145.40"EL, LRG ARAMID, WRP, RC -(61" Models)
27	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ -(61" Models)(S/N: 2018105410 & Below)
28	5105092	1	SPRING, 1.52" OD X 10.70" FL X .234" WIRE, BLK -(S/N: 2017576823 & Above)
29	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ -(52" Models - S/N: 2017576823 - 2018105410)
30	5105844	1	SPRING PULLER, 1/2-20, 5.00 -(S/N: 2018105411 & Above)
31	5025089	1	NUT, 1/2-20 Hex Jam -(S/N: 2018105411 & Above)
32	5025158	2	WASHER, 1/2 SAE -(S/N: 2018105411 & Above)
33	5025098	1	NUT, Hex, Nylon Lock, 1/2-20 -(S/N: 2018105411 & Above)

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304278



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

REF NO	PART NO	QTY	DESCRIPTION
1	5414279B	1	GUARD, RH 61 DECK, SRSZ2 - RED
2	5414278B	1	GUARD, LH 61 DECK, SRSZ2 - RED
3	5600931	1	DECK SHELL W/DECALS 61 SRSZ2 5414261B -(Refer to Note: *)
4	84008171	1	MOUNT
5	5413385A	1	SUPPORT, DISCHARGE CHUTE - BLK
6	5405322A	1	PLATE, SUPPORT - BLK -(S/N: 2017612049 & Below)
7	5401344A	1	PLATE, DEFLECTOR - BLK
8	5025390X10	18	BOLT, 3/8-16 X 1-1/4, FLANGE, GD 5, CZ
9	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
10	5025146X12	3	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
11	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
12	5025011X8	6	BOLT, 5/16-18 X 1" GRD5 YZ -(Qty: 12 - S/N: 2017612049 & Below)
13	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
14	5104744	3	SPINDLE ASSM, CAST IRON 8.0-6 BOLT, LS
15	84011105	1	CHUTE, Discharge
16	5102036	1	FLAP, STRIPER, 61 DECK -(S/N: 2017612049 & Below)
17	5101755S	3	BLADE SET, 61 DECK (3) -(SET OF THREE BLADES)
18	5061300	1	ROD, MOUNT, CHUTE, 61, CZ
19	5025498	2	5/16" PUSH-ON NUT RETAINER, STL, CZ -(S/N: 2017612049 & Below)
20	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
21	5025394	21	NUT, 3/8 - 16 HEX NYLOCK FLANGE
22	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE NUT -(Qty: 11 - S/N: 2017612049 & Below)
23	5025155	8	WASHER, 5/16" SAE -(Qty: 16 - S/N: 2017612049 & Below)
24	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
25	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL

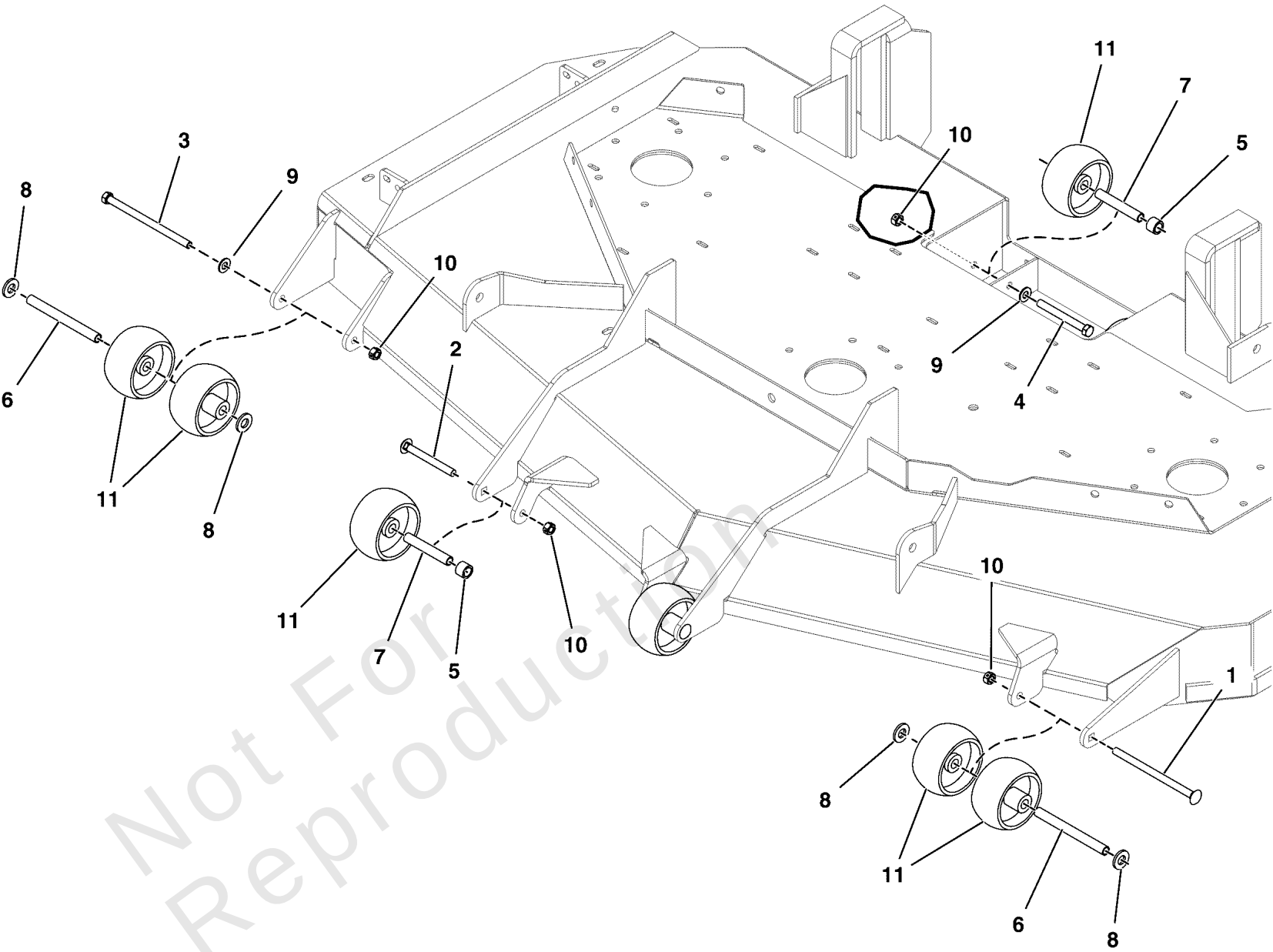
Footnotes:

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

61" Mower Deck - Rollers

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



61" Mower Deck - Rollers

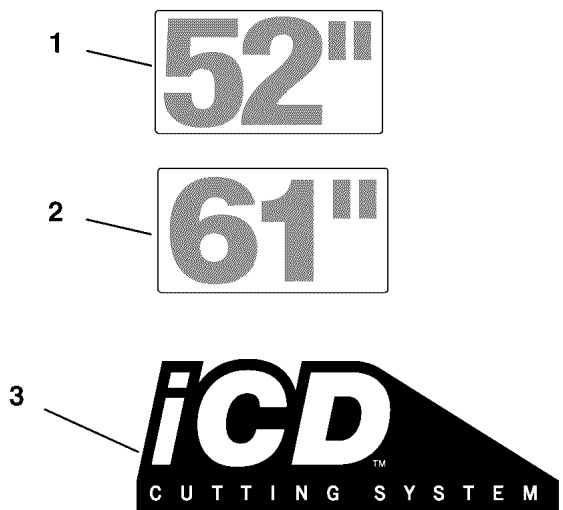
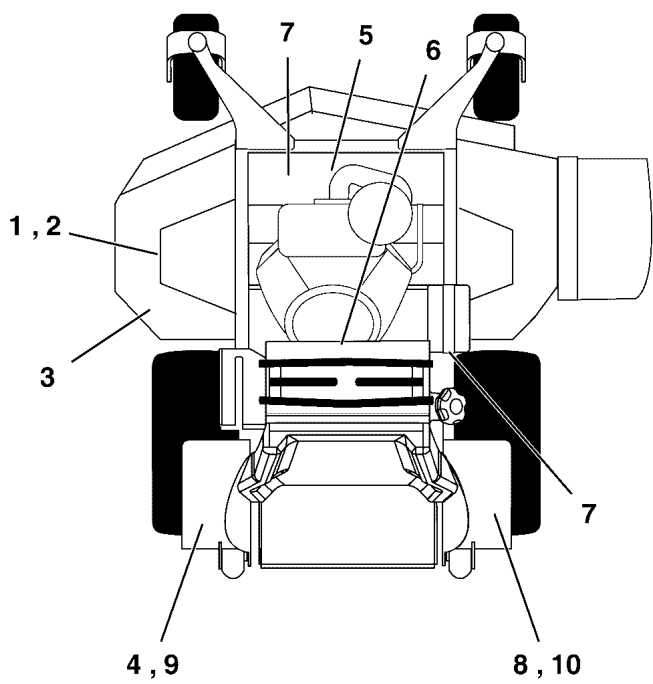
REF NO	PART NO	QTY	DESCRIPTION
1	5025146X48	1	BOLT, 3/8-16 X 6, CARRIAGE, GD5, CZ
2	5025146X28	2	BOLT, 3/8-16 X 3-1/2, CARRIAGE, GD5, CZ
3	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ
4	5025013X28	2	BOLT, 3/8-16 X 3-1/2" GD5 CZ
5	5047027	4	SPACER, .51 X .75 X .56, PM, CZ
6	5046586	2	SPACER, .38 X .50 X 5.06, CZ
7	5104675	4	SPACER, .38 X .50 X 2.50, CZ
8	5025440	4	WASHER, 1/2 GD9 CZ
9	5025156	3	WASHER, 3/8 SAE
10	5025100	6	NUT, 3/8-16 HEX SIDE LOCK
11	1714760	8	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY

Decal Group - Brand & Model

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304174
5304279



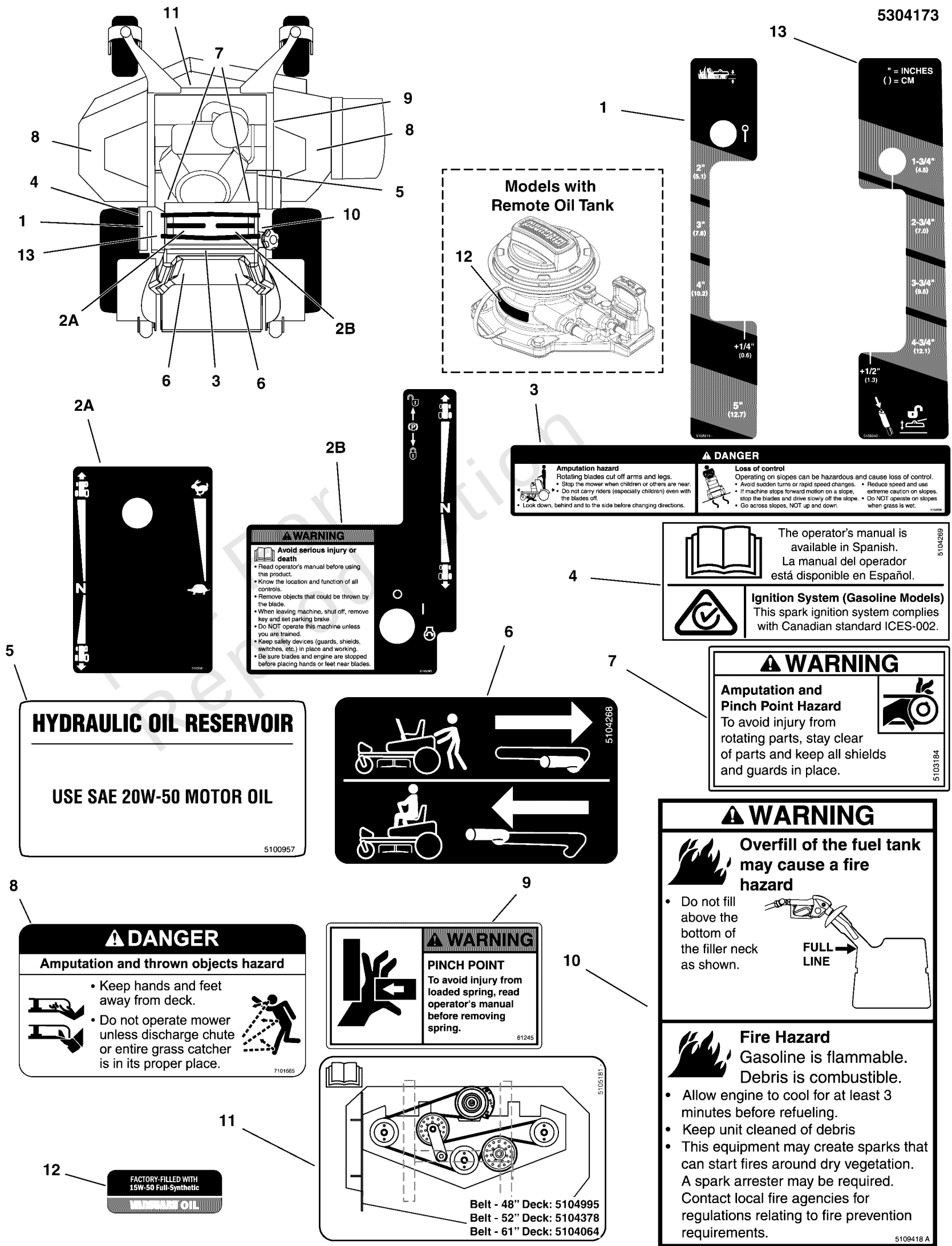
Decal Group - Brand & Model

REF NO	PART NO	QTY	DESCRIPTION
1	5022812	1	DECAL, 52 -(52" Models)
2	5022813	1	DECAL, 61 -(61" Models)
3	5102210	1	DECAL, iCD CUTTING SYSTEM
4	5104702	1	DECAL, FENDER, SRSZ, LH -(S/N: 2017533028 & Below)
5	5104724	1	DECAL, FERRIS LOGO, MEDIUM
6	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
7	5104725	2	DECAL, MODEL, Z2
8	5104701	1	DECAL, FENDER, SRSZ, RH -(S/N: 2017533028 & Below)
9	5105151	1	DECAL, FENDER, SRSZ1 / Z2, LH -(S/N: 2017533029 & Above)
10	5105150	1	DECAL, FENDER, SRSZ1 / Z2, RH -(S/N: 2017533029 & Above)

Decal Group - Safety & Operation

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



Decal Group - Safety & Operation

REF NO	PART NO	QTY	DESCRIPTION
1	5108214	1	DECAL, CUT HEIGHT, SRSZ2 & Z3 -(Refer to Note: *)
2A	84008405	1	DECAL, Controls -(Refer to Note: **)
2B	5105095	1	DECAL, DASH PANEL, RH, WARNING/CONTROLS
3	84008378	1	DECAL, Danger
4	5104269	1	DECAL, SPANISH MANUAL, IGES, C-TICK -(Located on tower underneath deck lift box.)
5	5100957	1	DECAL, HYDRAULIC OIL, SAE 20W50 -(Located on battery box mount.)
6	5104268	2	DECAL, TRANSAXLE RELEASE, WB -(Located by transmission release levers.)
7	5103184	2	DECAL, WARNING, HAND IN BELT, ENG ONLY -(Located on engine deck by transmission fans.)
8	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
9	5061245	1	DECAL, PINCH POINT
10	5109418	1	DECAL, WARNING, TANK OVERFILL
11	5105181	1	DECAL, BELT ROUTING, SRS-48-52-61
12	-----	1	LABEL, OIL INFORMATION -(Models w/ Remote Oil Tank Only)
13	5108042	1	DECAL, CUT HEIGHT, STAND ON

Footnotes:

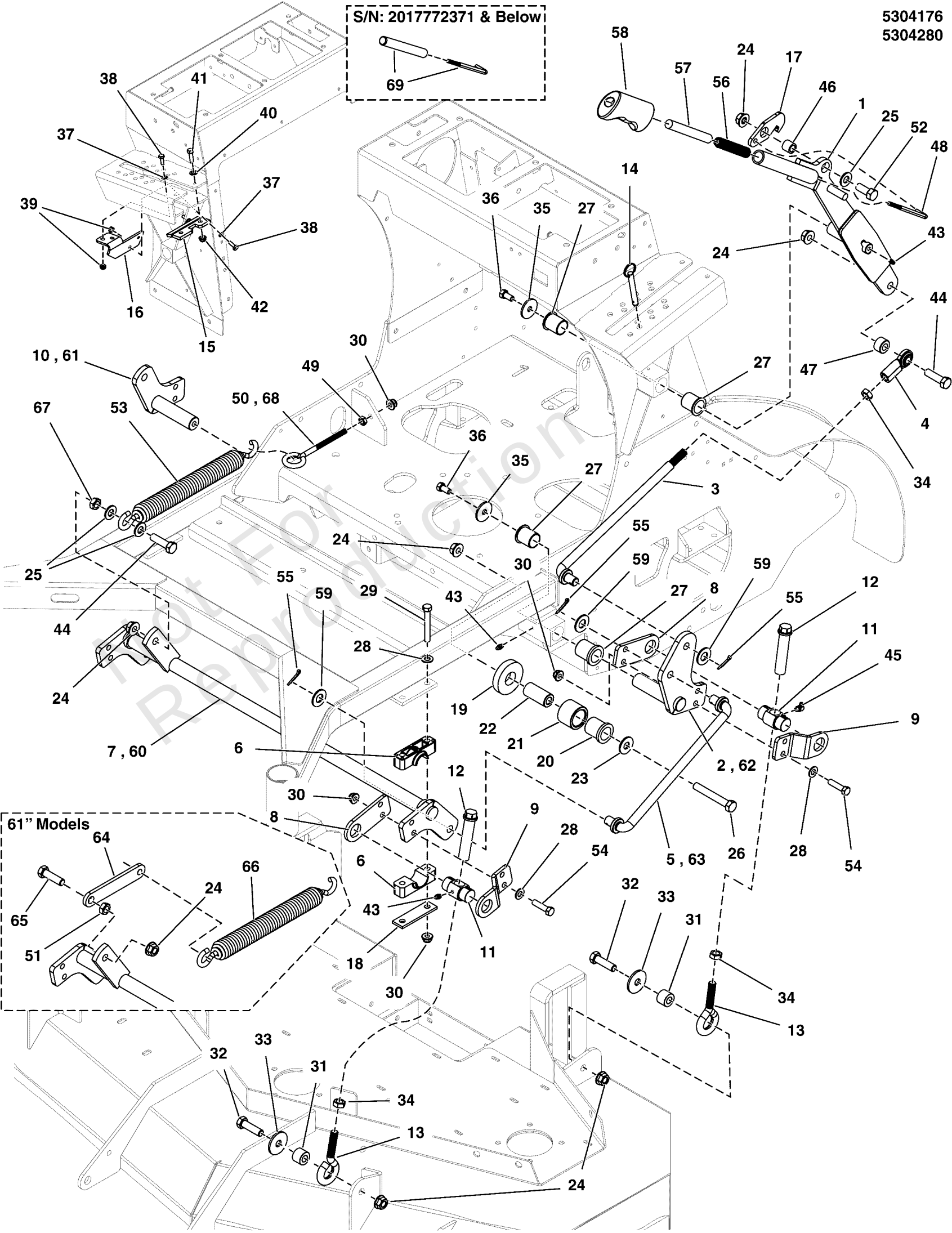
Note: ** If unit had a single large dash decal replace with both #2A and #2B.

Note: * If unit had a single cut height decal replace with both #1 and #13.

Deck Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



Deck Lift Group

REF NO	PART NO	QTY	DESCRIPTION
1	5413616AA	1	WELD, DECK LIFT, STAND ON - BLK
	5413614AA	1	WELD, REAR DECK LIFT PIVOT, LH - BLK -(52" Models Only)
3	5104547	1	ROD, MAIN DECK LIFT, STAND-ON
4	1702779	1	JOINT-BALL .500-20 THD .500ID, CLR ZINC
5	-----	2	Replace with: 5601247 -(52" Models Only)(Refer to Note: *)
6	5100634	4	PIVOT BLOCK, PLASTIC
7	5413613AA	1	WELD, SHAFT, DECK LIFT - BLK -(52" Models Only)
8	5413900AA	4	BRACKET, INNER TRUNION MNT - BLK
9	5413899AA	4	BRACKET, OUTER TRUNION MNT - BLK
10	5414140A	1	WELD, RH REAR PIVOT, STAND ON - BLK -(52" Models Only)
11	5104238	4	PIVOT, DECK LIFT TRUNION, GREASABLE
12	5109915FS	4	ADJUSTER, HEIGHT
13	5025579	4	EYE BOLT, 1/2-20 X 4.25, 1.88THRD, 1EYE, CZ
14	5104610	1	PIN, HITCH, 3/8" DIA X 2.5" EL, CZ
15	84009973	1	PLATE, Latch
16	84008584	1	PLATE, Support
17	5414040AA	1	PLATE, LATCH, PUSH BUTTON LIFT - BLK
18	5403925AA	2	PLATE, PIVOT BLOCK SUPPORT - BLK
19	5061010	2	WASHER, FRICTION
20	5021541	2	BUSHING, FLANGE
21	5100731	2	ROLLER, DECK HEIGHT
22	5100732	2	SPACER, .52 X 1.00 X 2.09 - SS
23	5025150	2	WASHER, 1/2 USS
24	5025396	9	NUT, Hex Flange, Nylock, 1/2-13
25	5025158	3	WASHER, 1/2 SAE -(Qty: 1 - 61" Models)
26	5025017X26	2	BOLT, 1/2-13 X 3-1/4, HEX HD, GD5, CZ (SV)
27	5023343	6	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
28	5025156	12	WASHER, 3/8 SAE
29	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ
30	5025394	13	NUT, 3/8-16 HEX NYLOCK FLANGE
31	5045178	4	SPACER, .52 X 1.00 X .75, CZ
32	5025017X14	4	BOLT, 1/2-13 X 1-3/4 GD5 CZ
33	5103282	4	WASHER, .52 X 1.75 X .14, CZ
34	5025089	5	NUT, 1/2-20 HEX JAM
35	5100548	3	WASHER, .390 X 1.50 X .109, CZ
36	5025443	3	BOLT, 3/8-16 X 3/4, PLT W/PATCH
37	5025154	4	WASHER, 1/4 SAE
38	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
39	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
40	5025155	2	WASHER, 5/16" SAE
41	5025011X8	2	BOLT, 5/16-18 X 1 GD5 CZ
42	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
43	5020095	5	GREASE FITTING, 1/4-28 STRAIGHT
44	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 CZ -(Qty: 1 - 61" Models)

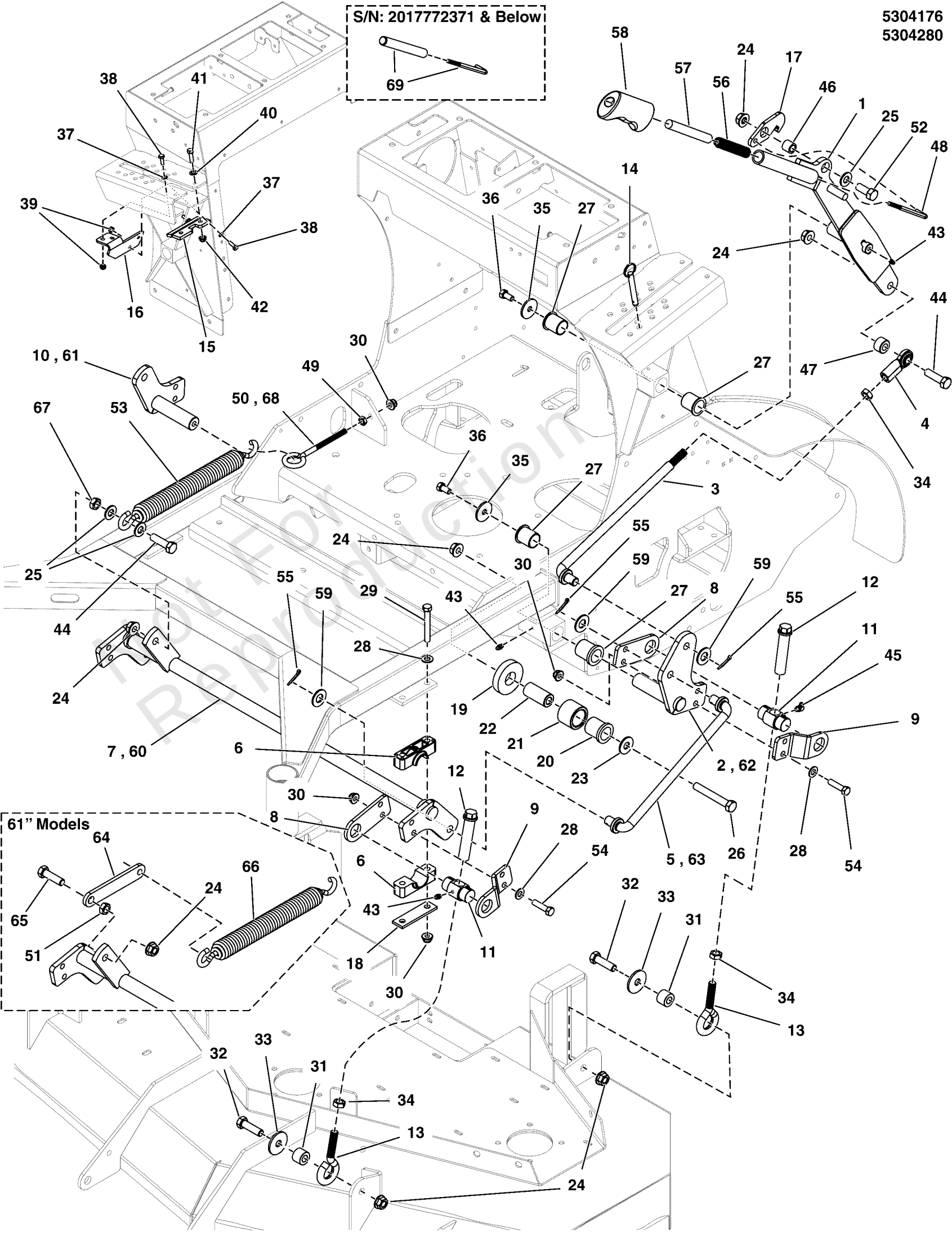
Footnotes:

Note: *One kit replaces both deck lift timing rods.

Deck Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



Deck Lift Group

REF NO	PART NO	QTY	DESCRIPTION
45	5025447	2	GREASE FITTING, 1/4-28, 90 DEGREE
46	5048049	1	SPACER, .50 X .75 X .66, CZ
47	5101161	1	SPACER, .52 X 1.00 X .63, CZ
48	5105322	1	ROD, DECK LIFT LATCH -(S/N: 2017772372 & Above)
49	5025084	1	NUT, 3/8-16 HEX JAM
50	5021812	1	EYE BOLT, 3/8-16 X 6, 3THRD, 1EYE, CZ -(52" Models Only)
51	5025301	1	NUT, 1/2-13 HEX JAM -(52" Models Only)
52	5025017X12	1	BOLT, 1/2-13 X 1-1/2 GD5 CZ
53	5023392	1	SPRING-EXT, 1.393 ODX13.25LGX.218WR, BLK -(52" Models Only)
54	5025013X12	8	BOLT, 3/8-16 X 1-1/2" GD5 CZ
55	5025203X10	5	PIN, COTTER, 1/8 X 1-1/4
56	1723321	1	SPRING-COMP 0.715ODX 03.85 LG
57	5105323	1	BUTTON, PUSH, DECK LIFT, THREADED -(S/N: 2017772372 & Above)
58	1722291	1	GRIP,LIFT LEVER
59	5025281	5	WASHER, 5/8 SAE
60	5414297A	1	WELD, SHAFT, DECK LIFT - BLK -(61" Models Only)
61	5414294A	1	WELD, RH REAR PIVOT, SRSZ2-61 - BLK -(61" Models Only)
62	5414293A	1	WELD, LH REAR PIVOT, SRSZ2-61 - BLK -(61" Models Only)
63	-----	2	Replace with: 5601248 -(61" Models Only)(Refer to Note: *)
64	5414724AA	1	PLATE, SPRING LINK, SRS Z2, 61 - BLK -(61" Models Only)
65	5025017X16	1	BOLT, 1/2-13 X 2" GD5 CZ -(61" Models Only)
66	5104166	1	SPRING, EXT, 1.50DX12.25X.234WIRE BLK -(61" Models Only)
67	5025038	1	NUT, 1/2-13 HEX, CZ -(52" Models Only)
68	5102118	1	EYE BOLT, 3/8-16 X 6.88, 3THRD, 1EYE -(61" Models Only)
69	5600953	1	KIT, RELEASE BUTTON AND ROD -(S/N: 2017772371 & Below)

Footnotes:

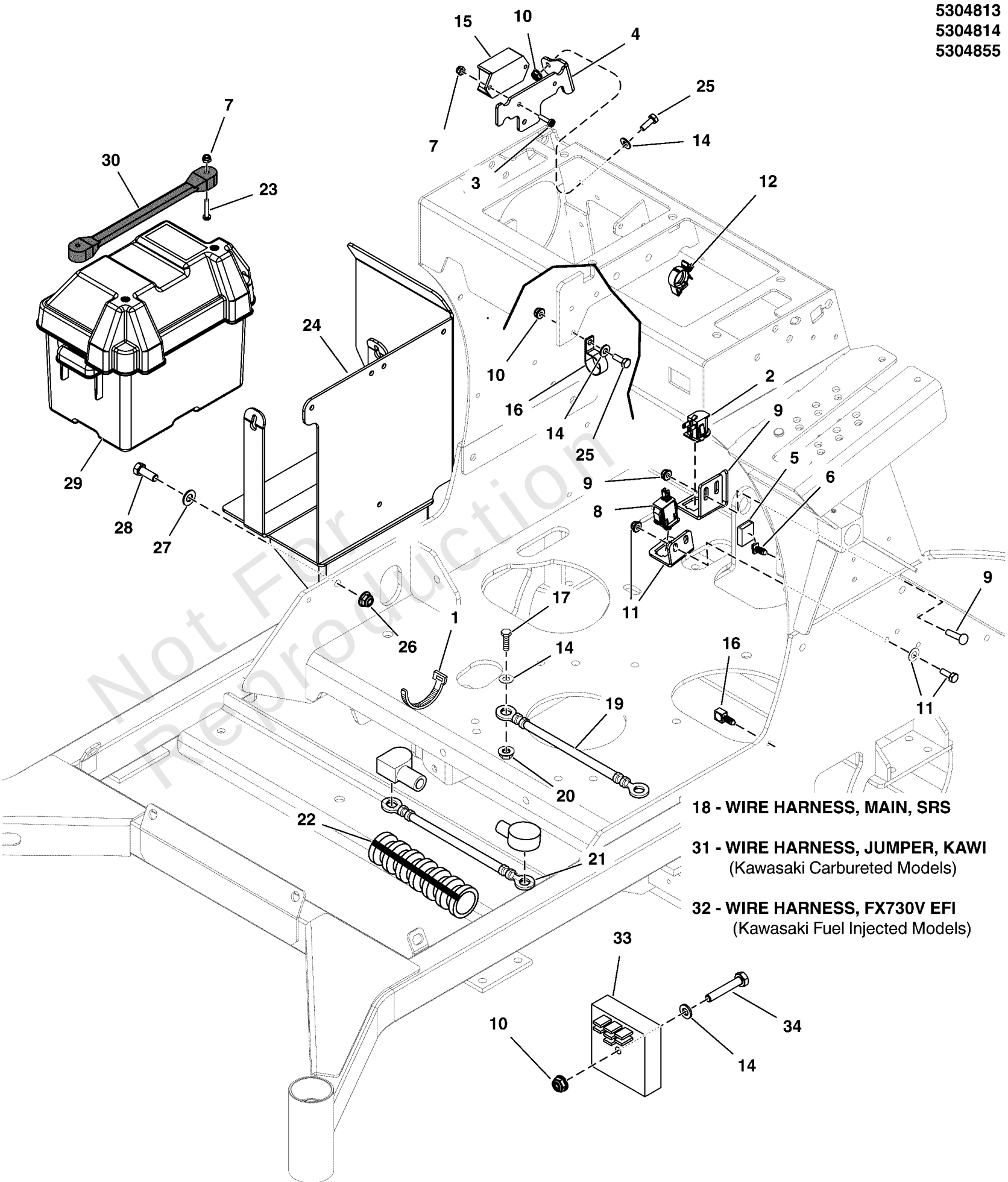
Note: *One kit replaces both deck lift timing rods.

Electrical Group - S/N: 2017576823 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304813
5304814
5304855



Electrical Group - S/N: 2017576823 & Above

REF NO	PART NO	QTY	DESCRIPTION
1	5021029	3	TIE, SELF-LOCKING, 12"
2	7023354	1	SWITCH, SEAT -(S/N: 2017954955 & Below)
2	1732004	1	SWITCH, Push Button, NO, Black -(S/N: 2017954956 & Above)
3	5025179X6	2	SCREW, #10-24 X 3/4" ROUND PHILLIPS
4	5415529A	1	PLATE, WIRE GUIDE / TDM MOUNT - BLK
5	-----	1	PART OF WIRE HARNESS
6	5103761	2	FIR TREE MOUNT, PACKARD
7	5025271	4	NUT, Hex, Nylon Lock, #10-24
8	5101589	1	SWITCH, PLUNGER, NO, SINGLE POLE, SNAP-IN
9	-----	1	Refer to: Operator Compartment Group
10	5025391	4	NUT, 1/4-20 Hex Nylock Flange -(Qty: 5 - Kawi EFI Models)
11	-----	1	Refer to: Parking Brake Group
12	5104705	5	ROSEBUD LOOM CLIP
13	-----	1	BATTERY, 11U1L, 350 CCA
14	5025154	4	WASHER, 1/4 SAE -(Qty: 5 - Kawi EFI Models)
15	5104879	1	MODULE, TIME DELAY, NO DIODE
16	5021500	2	CLAMP, VINYL INSULATED, 1.00
17	-----	2	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
18	5416017	1	WIRE HARNESS, MAIN, SRS -(S/N: 2017954955 & Below)
18	5105537	1	HARNESS, Wiring, Stand-On ZTR -(S/N: 2017954956 & Above)
19	5021406	1	BATTERY CABLE, NEG, 22, 1/4-5/16
20	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
21	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
22	5050927X19	1	WIRE LOOM, 3/8 ID X 19 IN
23	5025270	2	SCREW, #10-24 X 1 RS, CZ
24	5413617B	1	WELD, BATTERY BOX, STAND ON - RED
25	5025010X6	4	BOLT, 1/4"-20 X 3/4" GD5 YZ
26	5025394	2	NUT, 3/8 - 16 HEX NYLOCK FLANGE
27	5025156	2	WASHER, 3/8 SAE
28	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
29	5100688	1	BATTERY BOX, W/ DRAIN HOLE
30	5021670	1	STRAP, RUBBER
31	5104811	1	WIRE HARNESS, JUMPER, KAWI -(Kawi Carbureted Models Only)
32	5415759	1	WIRE HARNESS, JUMPER FX730V, EFI -(Kawi EFI Models Only - S/N: 2017954955 & Below)
32	5105601		HARNESS, JUMPER, KAWASKI EFI -(Kawi EFI Models Only - S/N: 2017954956 & Above)
33	5102075	1	MODULE, THROTTLE CONTROL, KAV DFI -(Kawi EFI Models Only)
34	5025010X12	1	BOLT, 1/4-20 X 1-1/2 GD5 CZ -(Kawi EFI Models Only)

Electrical Schematic - Charging Circuit S/N: 2017576823 - 2017954955

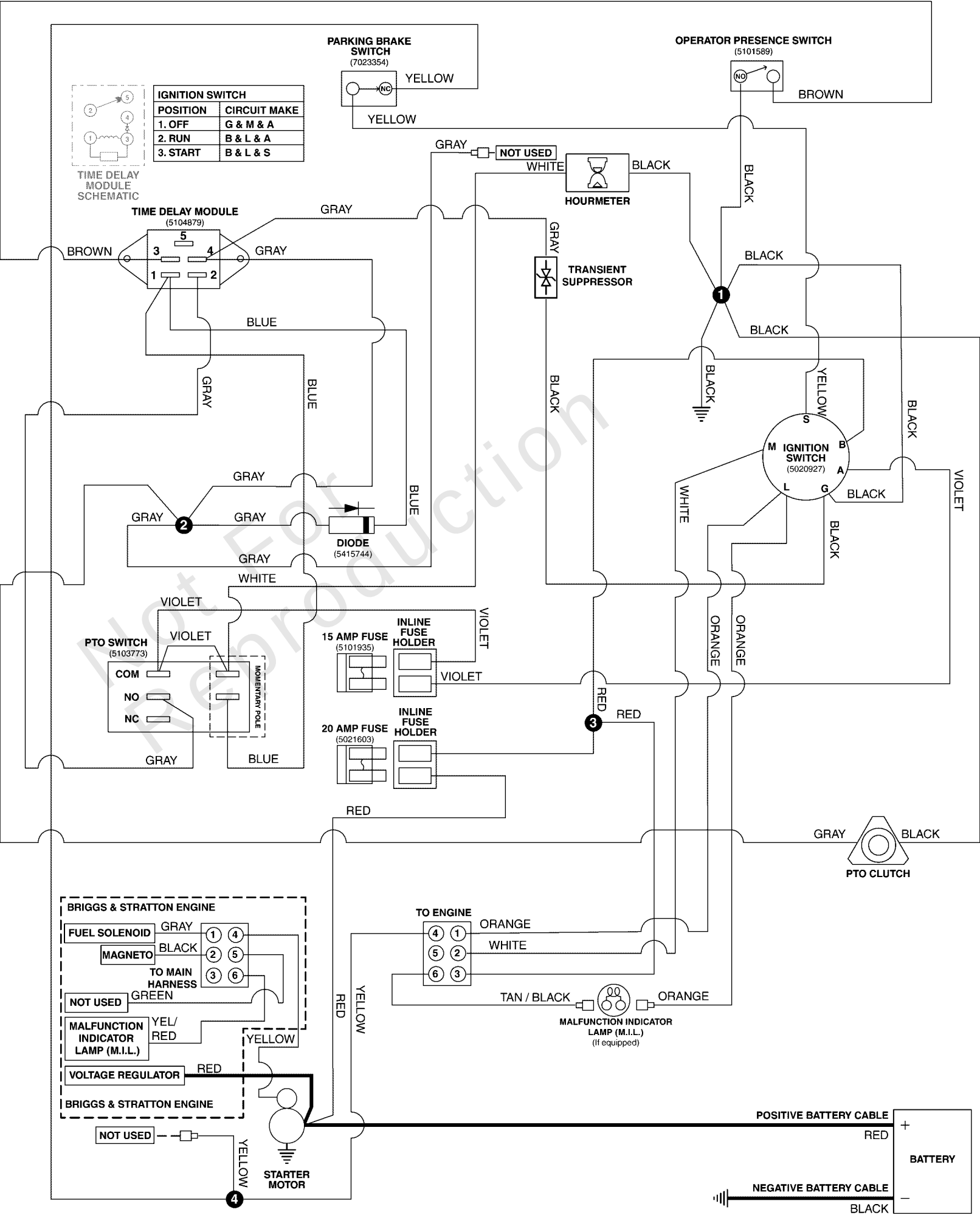
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5416017 (5415717) / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES

5416017C

(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
--------	---------	-----	-------------

Not For Reproduction

Electrical Schematic - Charging Circuit S/N: 2017954956 & Above

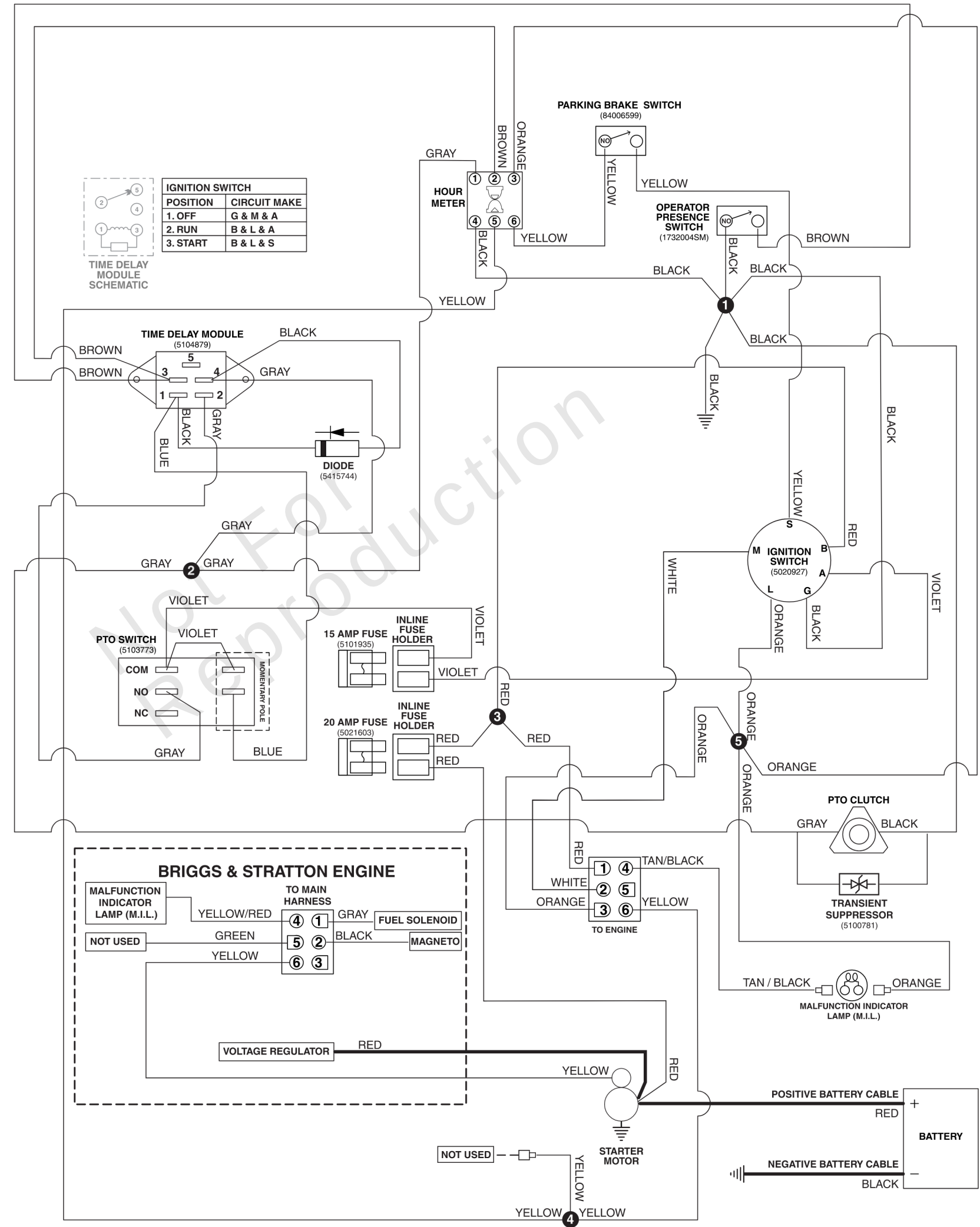
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5105537 / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES

5105537E

(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 S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
5105537	5105537	1	HARNESS, Wiring, Stand-On ZTR

Not For Reproduction

Electrical Schematic - Cranking Circuit S/N: 2017576823 - 2017954955

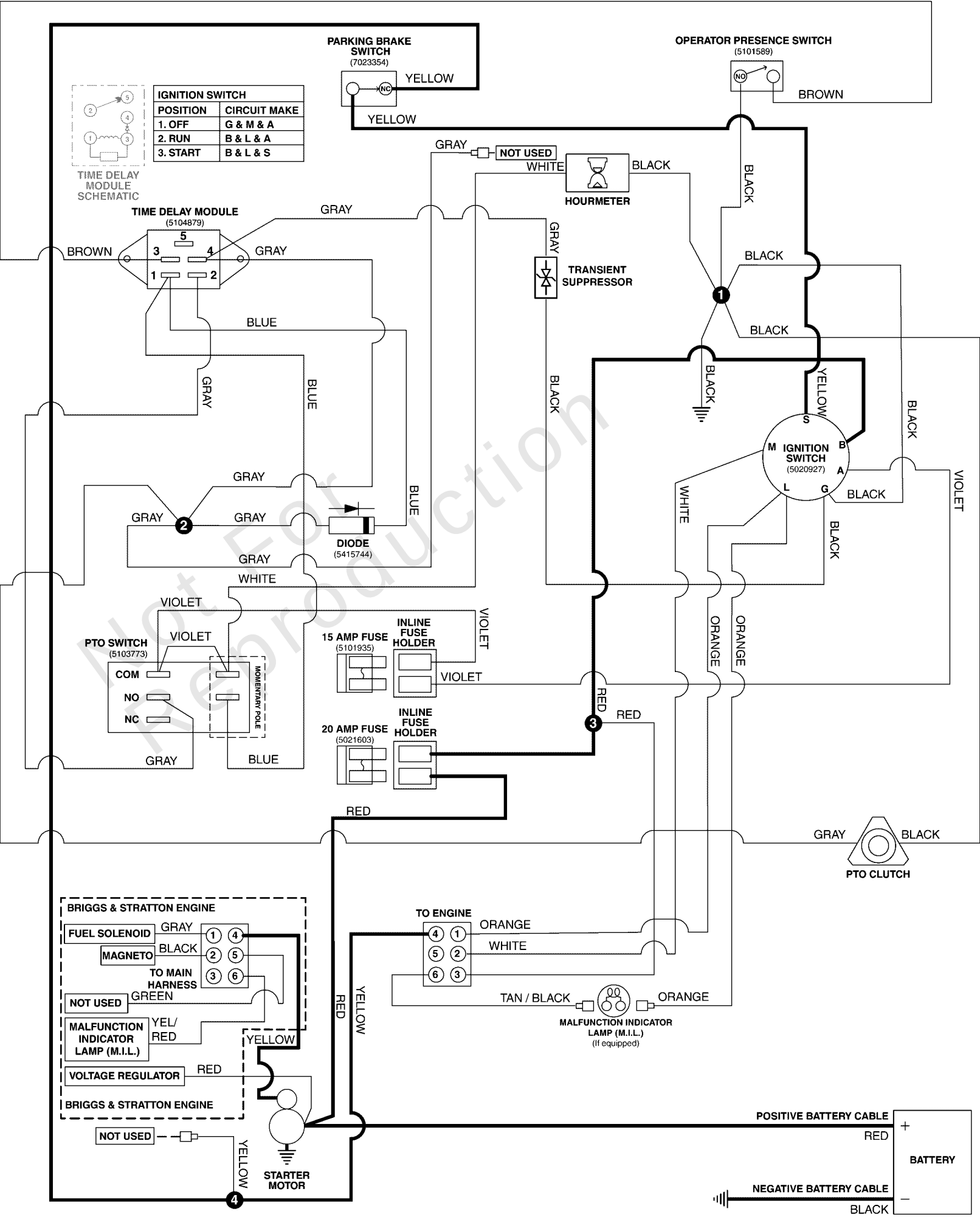
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5416017 (5415717) / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES

5416017C

(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 S/N: 2017576823 - 2017954955

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

Not For Reproduction

Electrical Schematic - Cranking Circuit S/N: 2017954956 & Above

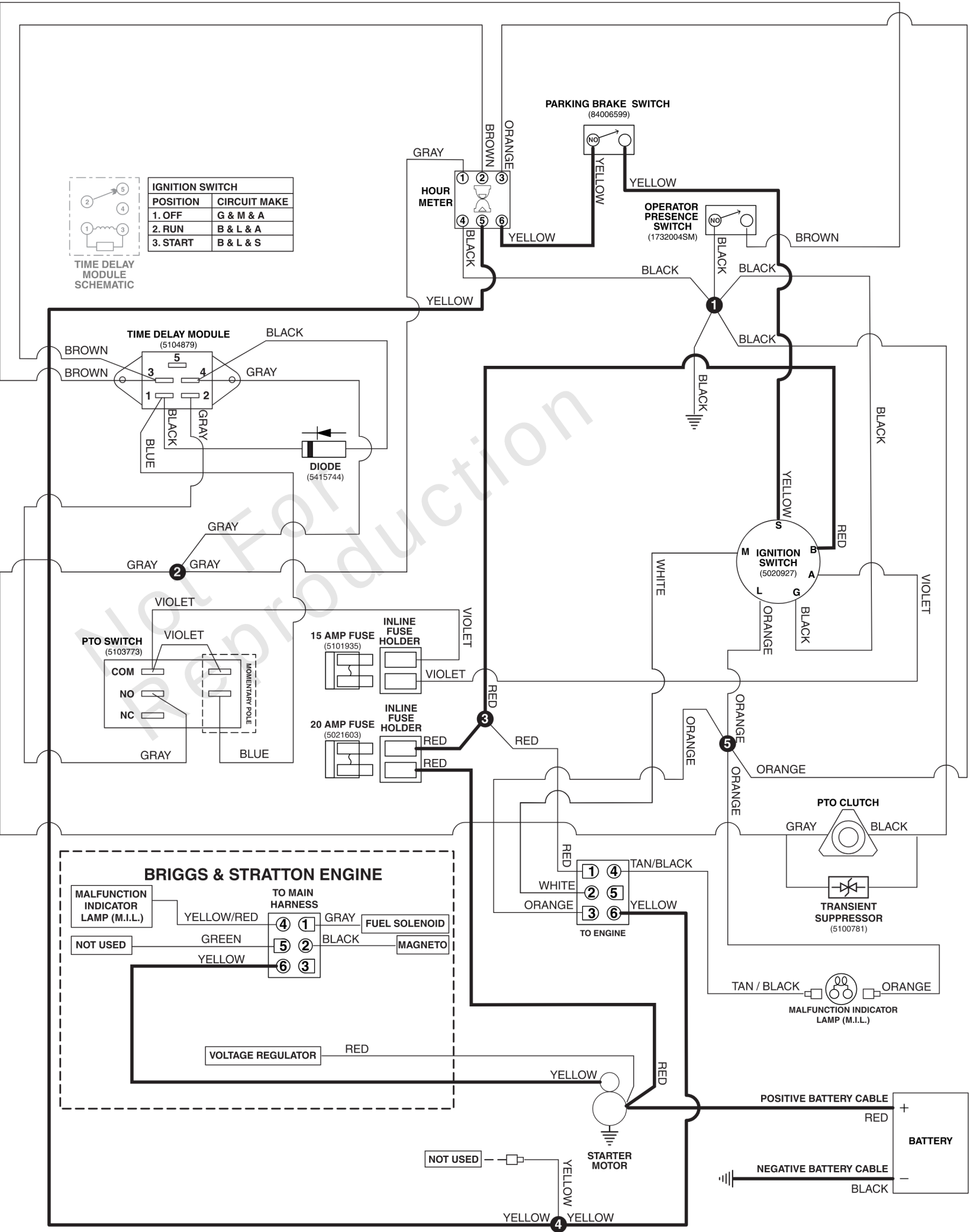
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5105537 / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES

5105537E

(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 S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
5105537	5105537	1	HARNESS, Wiring, Stand-On ZTR

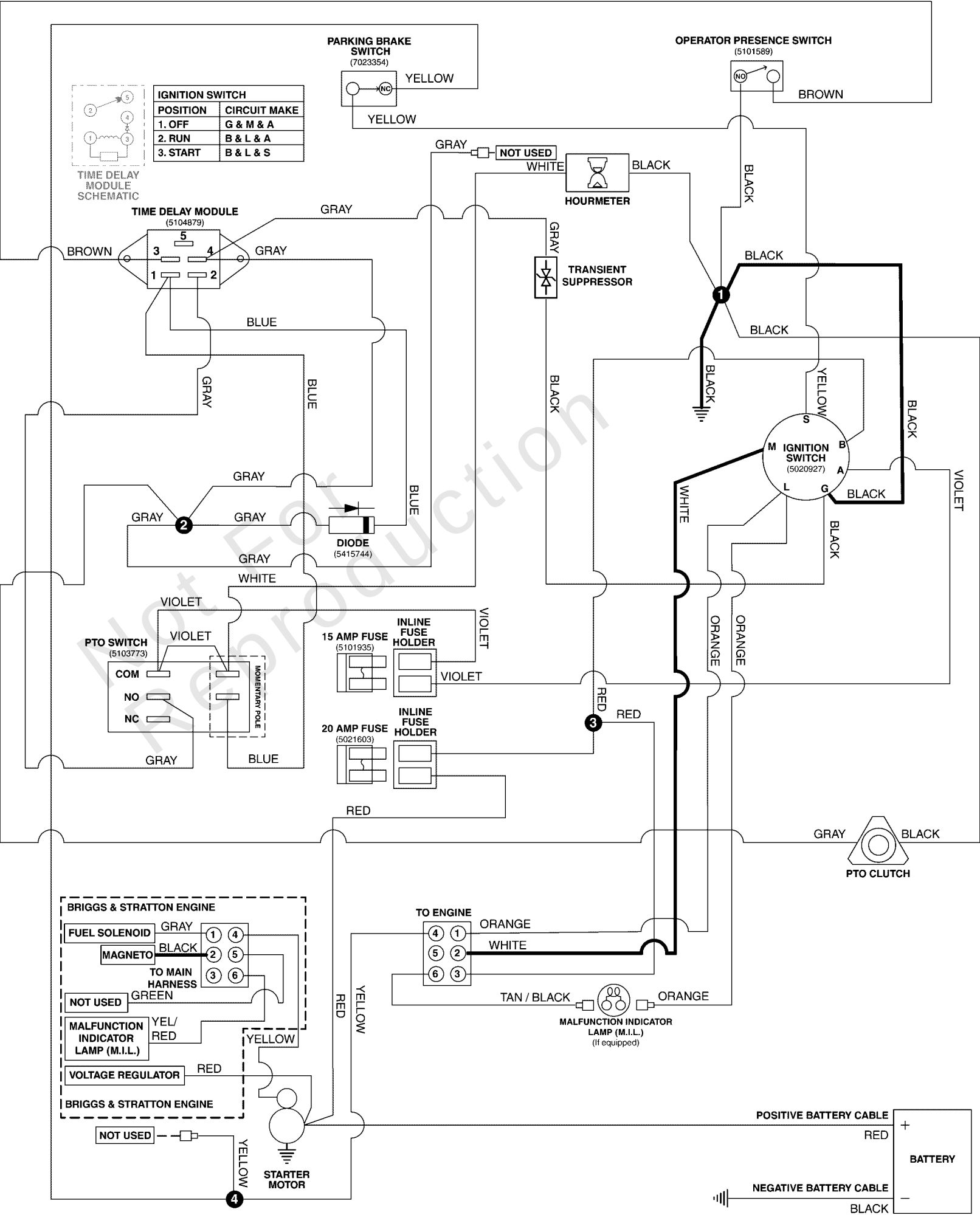
Not For Reproduction

Electrical Schematic - Ignition Grounding Circuit S/N: 2017576823 - 2017954955

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5901606

5416017 (5415717) / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES 5416017C

(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 - Ignition Grounding Circuit S/N: 2017576823 - 2017954955

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

Not For Reproduction

Electrical Schematic - Ignition Grounding Circuit S/N: 2017954956 & Above

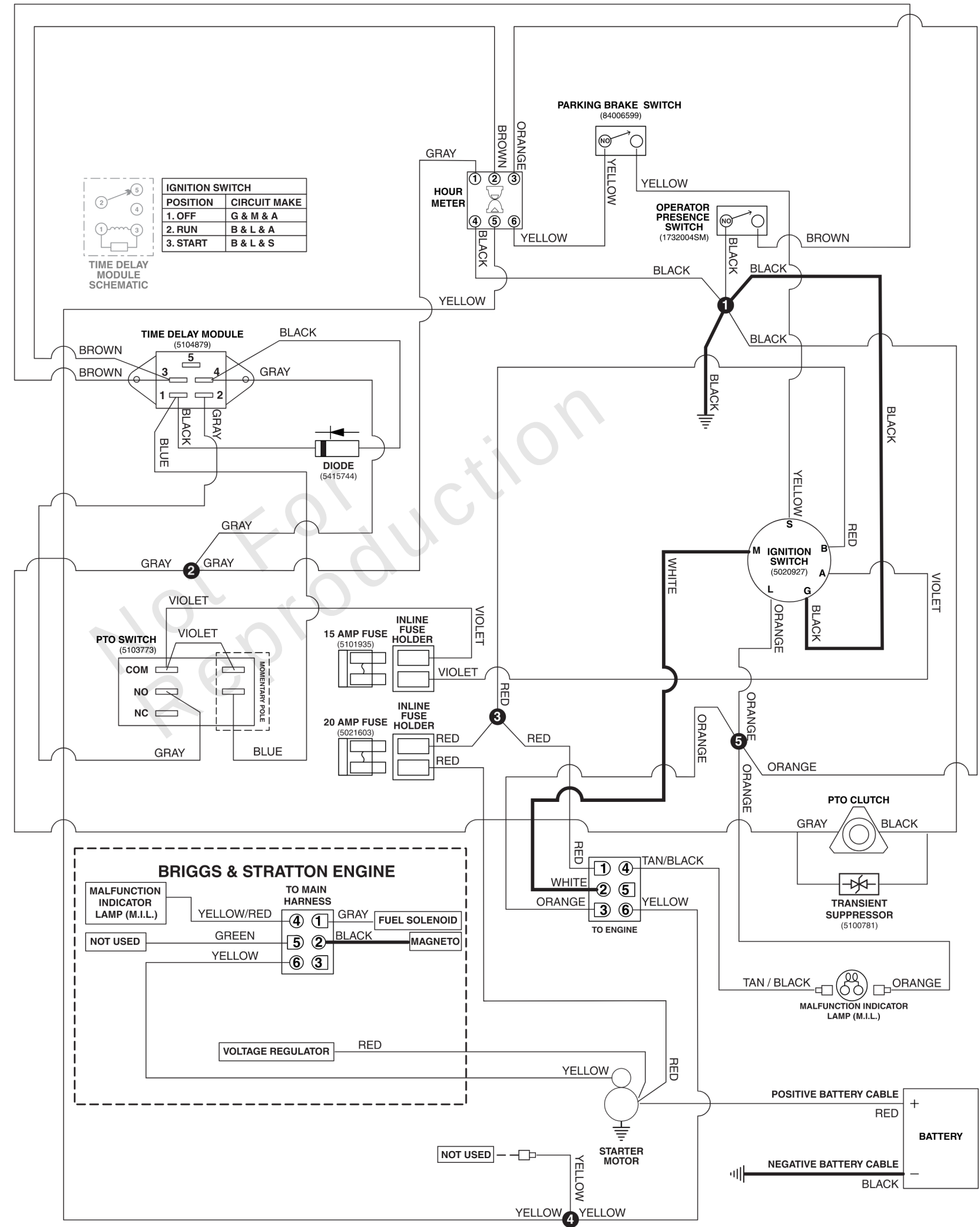
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5105537 / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES

5105537E

(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 - Ignition Grounding Circuit S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
5105537	5105537	1	HARNESS, Wiring, Stand-On ZTR

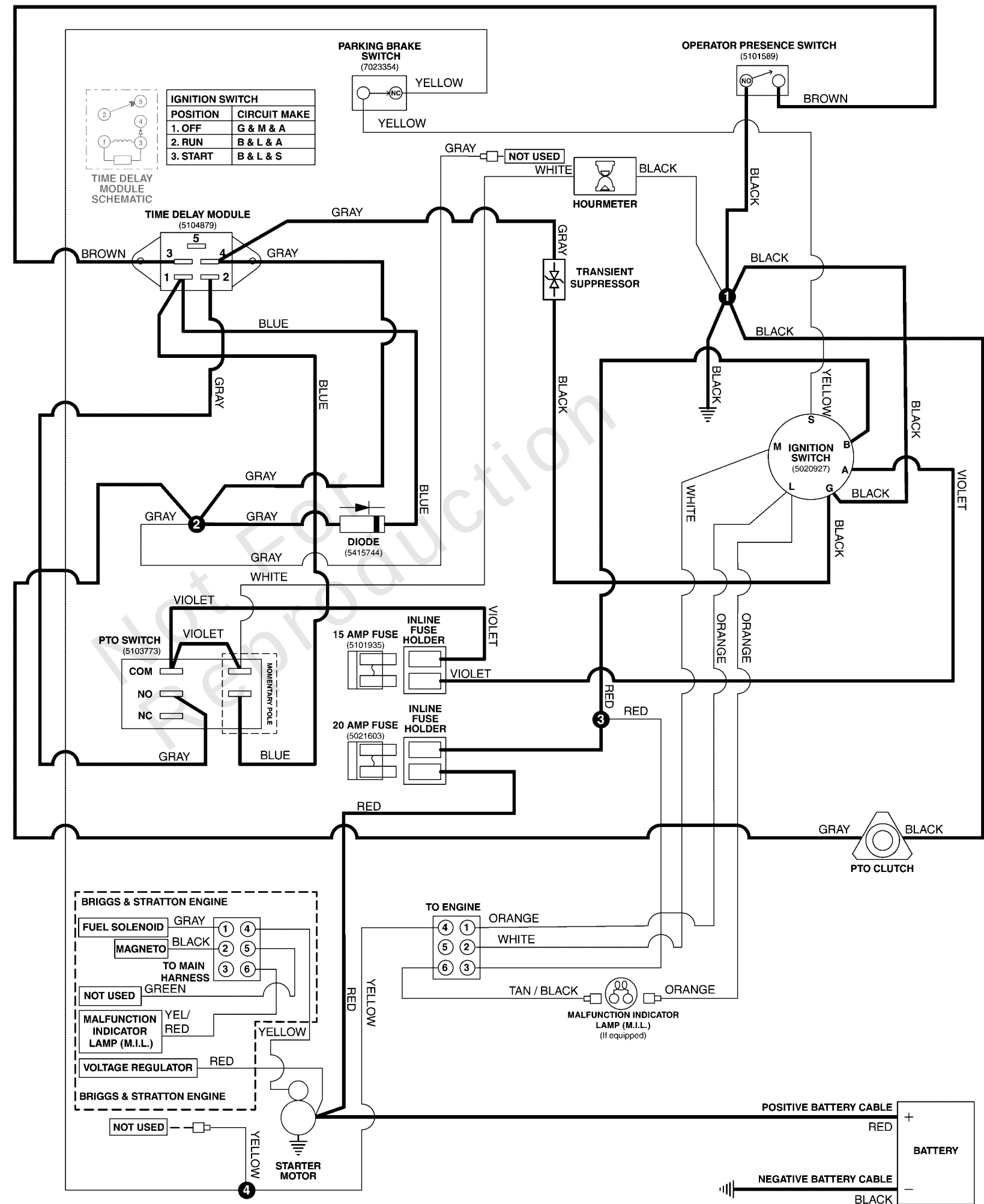
Not For Reproduction

Electrical Schematic - PTO Op. Pres. Circuit S/N: 2017576823 - 2017954955

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5901606

5416017 (5415717) / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES 5416017C

(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
--------	---------	-----	-------------

Not For Reproduction

Electrical Schematic - PTO Op. Pres. Circuit S/N: 2017954956 & Above

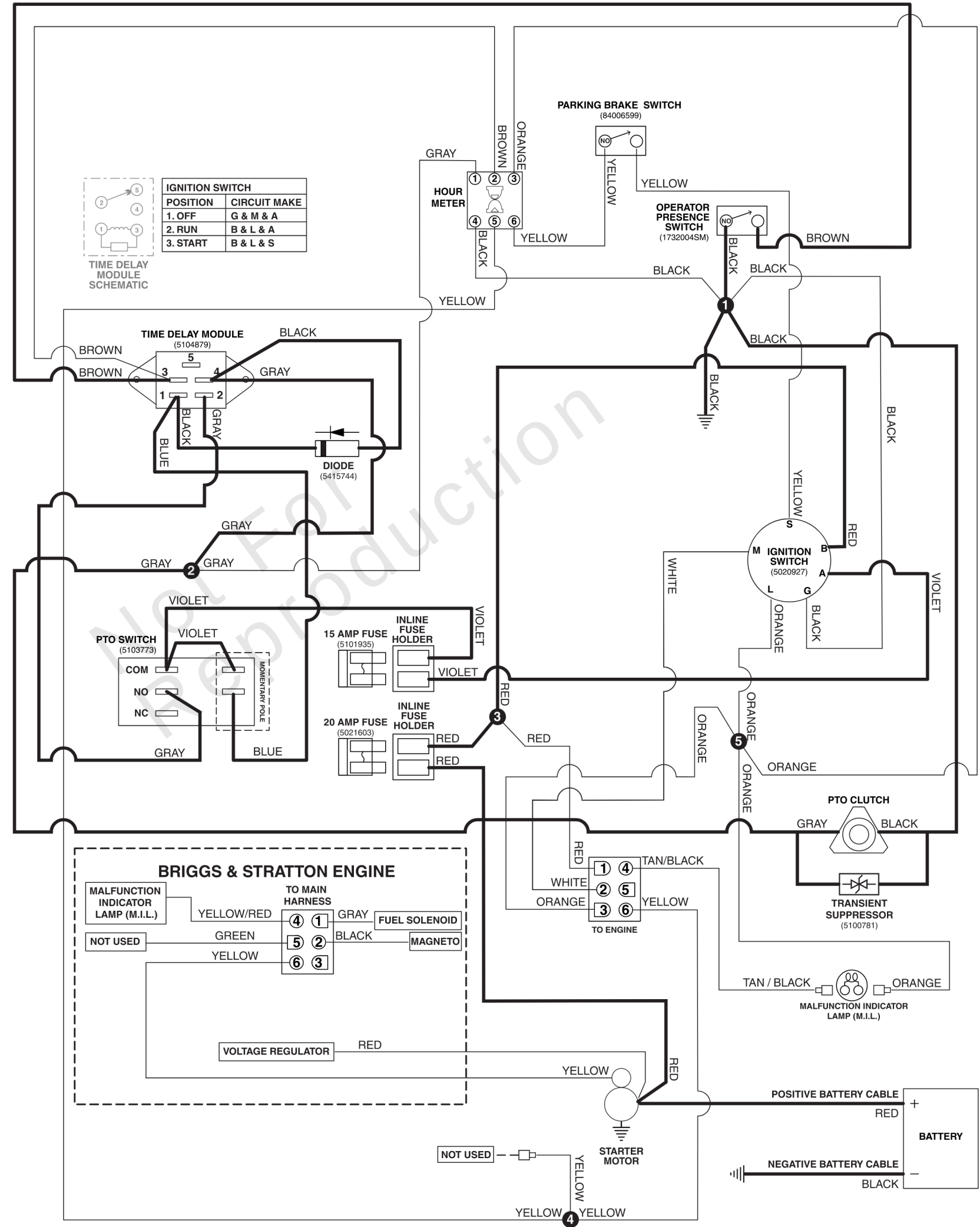
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5105537 / SRS MAIN WIRE HARNESS - BRIGGS & STRATTON 49E877 ENGINES

5105537E

(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 Op. Pres. Circuit S/N: 2017954956 & Above

REF NO	PART NO	QTY	DESCRIPTION
5105537	5105537	1	HARNESS, Wiring, Stand-On ZTR

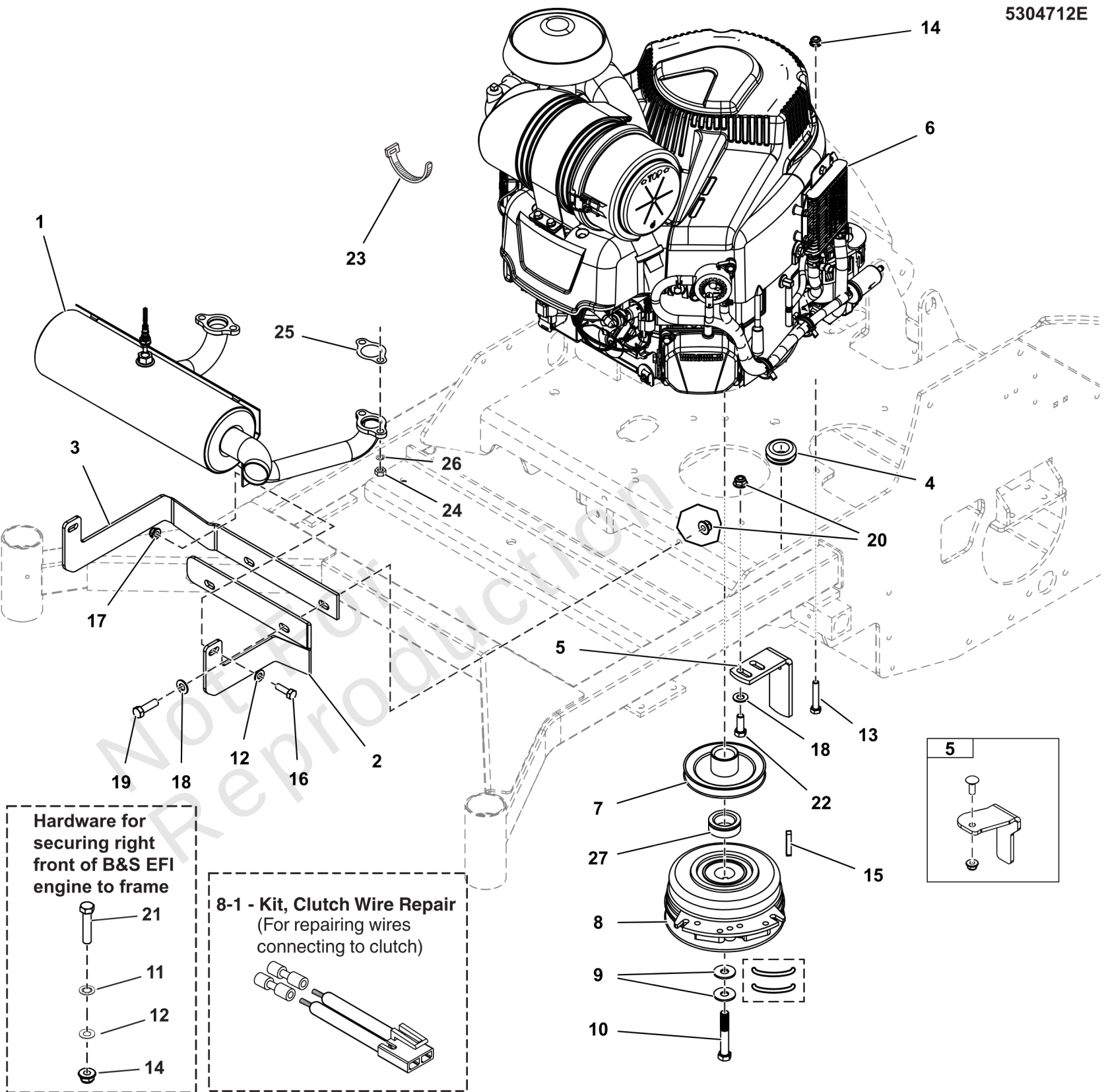
Not For Reproduction

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304712E



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

REF NO	PART NO	QTY	DESCRIPTION
1	5104355	1	MUFFLER, 26/28, B&S VANG, EFI TWR/WALK
2	5414167A	1	PLATE, EXHAUST BRACKET LH - BLK
3	5414168A	1	PLATE, EXHAUST BRACKET RH - BLK
4	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
5	5404967AYP	1	ANCHOR, CLUTCH - BLK -(S/N: 4002503298 and below)
5	84013681	1	ANCHOR, Clutch -(S/N: 4002503299 and above)
6	-----	1	BRIGGS & STRATTON ENGINE, 49E877-0008-G1 -(Refer to Note: *) (S/N: 4001858852 and below)
6	-----	1	ENG, 49E877G, BQ0004 -(Refer to Note: *) (S/N: 4001858853 and above)
7	5104553	1	PULLEY, CRANKSHAFT, 1.1255 ID X 4.50 OD
8	5105090	1	CLUTCH WARNER 200 FT-LB 1.13 X 6.323
8-1	5600575	1	KIT, CLUTCH WIRE REPAIR
9	5025585	2	BELLEVILLE WASHER, 1.1875 X .442 X .098
10	5102865	1	BOLT, CRANKSHAFT, 7/16-20 X 2-3/4, GD8
11	5025188	1	WASHER, 5/16" Internal Tooth Lock
12	5025155	2	WASHER, 5/16" SAE
13	5025025X14	1	BOLT, 5/16-24 X 1-3/4, GD8, PHOS
14	5025616	4	NUT, 5/16-24, TOP LOCK FLANGE, GD8 PHOS
15	5050407X10	1	KEY, 1/4" SQ. X 1-1/4
16	5025011X8	3	BOLT, 5/16-18 X 1" GRD5 YZ
17	80003675	2	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
18	5025156	3	WASHER, 3/8 SAE
19	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
20	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
21	5025025X12	3	BOLT, 5/16-24 X 1-1/2, GD8, PHOS
22	5025013X8	1	BOLT, 3/8-16 X 1" GD5 CZ
23	5101492	1	TIE, SELF-LOCKING, 24"
24	690941	4	NUT
25	594365	2	GASKET, Exhaust
26	5023217SM	4	WASHER, 5/16 LIGHT LO
27	5042928	1	SPACER, 1.13 X 1.75 X .63

Footnotes:

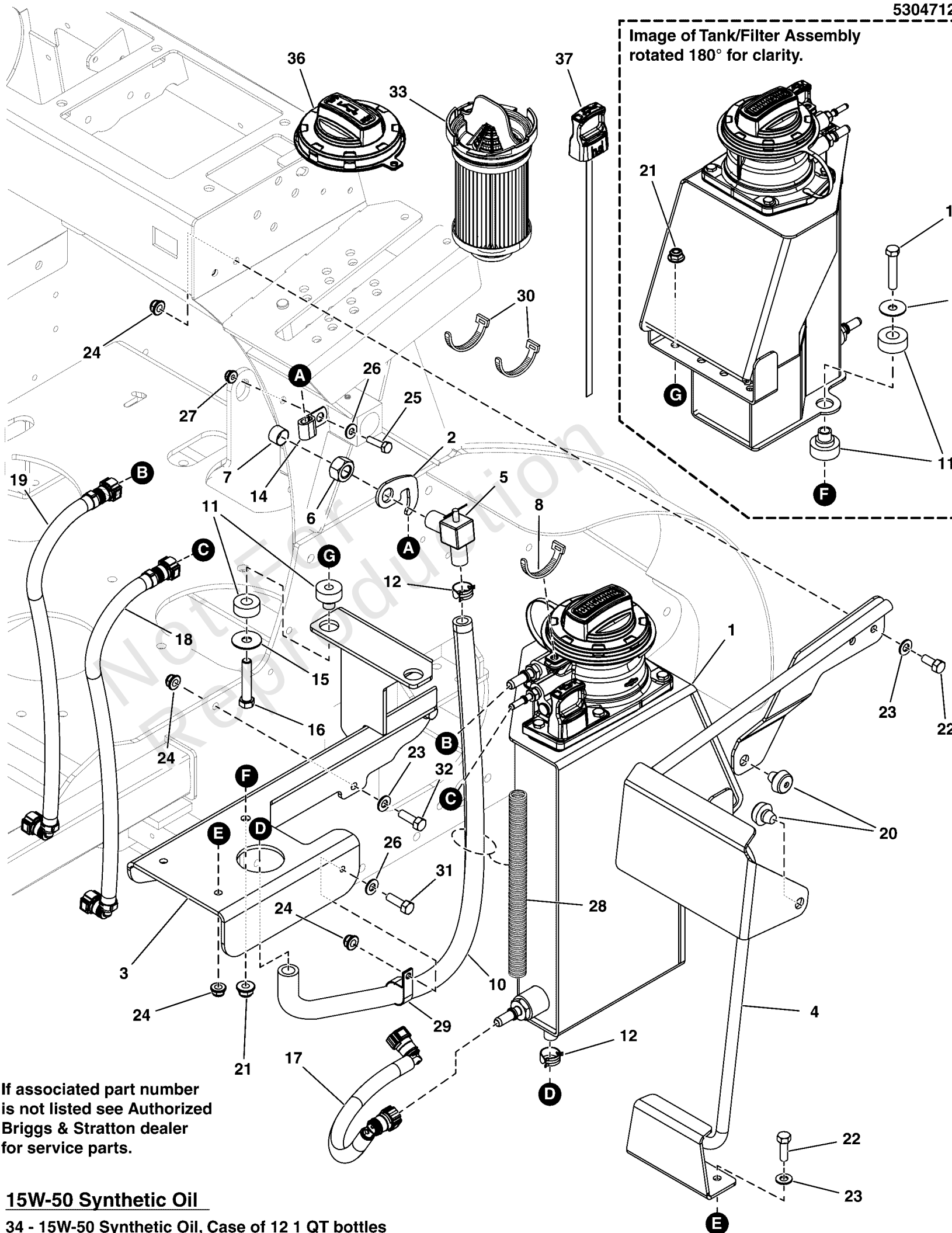
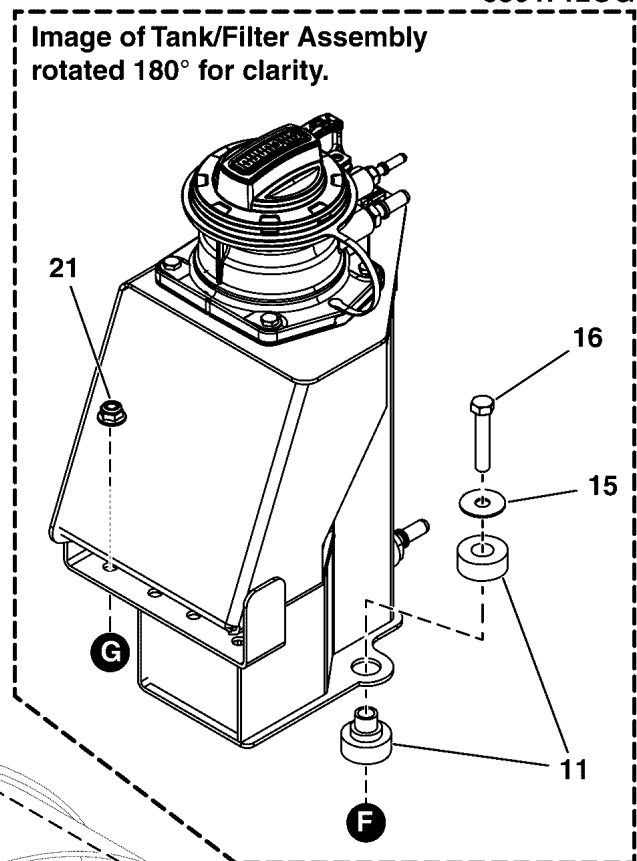
Note: *Refer to your local Briggs & Stratton distributor for parts and service.

Engine Remote Oil Tank, Hoses, & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

53047120G



If associated part number is not listed see Authorized Briggs & Stratton dealer for service parts.

15W-50 Synthetic Oil

34 - 15W-50 Synthetic Oil, Case of 12 1 QT bottles

35 - 15W-50 Synthetic Oil, Case of 4 5 QT bottles

Engine Remote Oil Tank, Hoses, & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	595945	1	TANK, Oil -(Refer to Note: *) (S/N: 4001858852 and below)
1	84008062	1	TANK/FILTER ASSY -(Refer to Note: *) (S/N: 4001858853 and above)
2	5415914A	1	PLATE, DRAIN HOOK, OG - BLK
3	5416009A	1	WELD, TANK MOUNT, Z2 OG - BLK
4	5416011A	1	WELD, TANK GUARD, Z2 - BLK
5	5105177	1	VALVE, OIL DRAIN, M16X1.5 TO 1/2"
6	5105318	1	NUT, HEX, M16-1.5, DAPCO 4071
7	5105317	1	OIL DRAIN CAP, OIL GUARD, DAPCO 4692
8	5021030SM	1	TIE WRAP, 5-1/2" LONG
10	5105494	1	HOSE, Formed, Oil Guard
11	5023131	3	MOUNT, ISO, BOTTOM, RAD 5000Z-DIESEL
12	5021392	2	CLAMP, #6 HOSE, STAINLESS
14	5025430	1	CLAMP, 5/16", DOUBLE, WIRE & TUBE
15	5025165	3	WASHER, 3/8" Fender
16	5025013X14	3	BOLT, 3/8-16 X 1-3/4" GD5 CZ
17	84006654	1	HOSE, OIL SUPPLY -(Refer to Note: *) (S/N: 4001858852 and below)
17	84006653	1	HOSE, Oil Supply -(Refer to Note: *) (S/N: 4001858853 and above)
18	595943	1	HOSE, Oil Vent -(Refer to Note: *)
19	84006597	1	HOSE, Oil Scavenge -(Refer to Note: *)
20	197546	2	MNT, VBRTN, RBBR
21	5025394	3	NUT, 3/8 - 16 HEX NYLOCK FLANGE
22	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
23	5025155	8	WASHER, 5/16" SAE
24	5025392	7	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
25	-----	1	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
26	5025154	2	WASHER, 1/4 SAE
27	5025391	2	NUT, 1/4-20 Hex Nylock Flange
28	5100384X16	1	LOOM, CONVOLUTED SPLIT, 1" ID - 16" LONG
29	5021500	1	CLAMP, VINYL INSULATED, 1.00
30	5021030	2	TIE, SELF-LOCKING, 6"
31	5025010X6	1	BOLT, 1/4"-20 X 3/4" GD5 YZ
32	5025011X8	2	BOLT, 5/16-18 X 1" GRD5 YZ
33	84007094	1	FILTER, Oil
34	100169	1	OIL-1QT VANGUARD (CASE) -(Case of twelve 1 QT bottles)
35	100170	1	OIL-5QT VANGUARD (CASE) -(Case of four 5 QT bottles)
36	595931	1	CAP, Oil Fill -(Yellow cap)
36	84008058	1	CAP, Oil Fill -(Black cap)
37	595934	1	DIPSTICK

Footnotes:

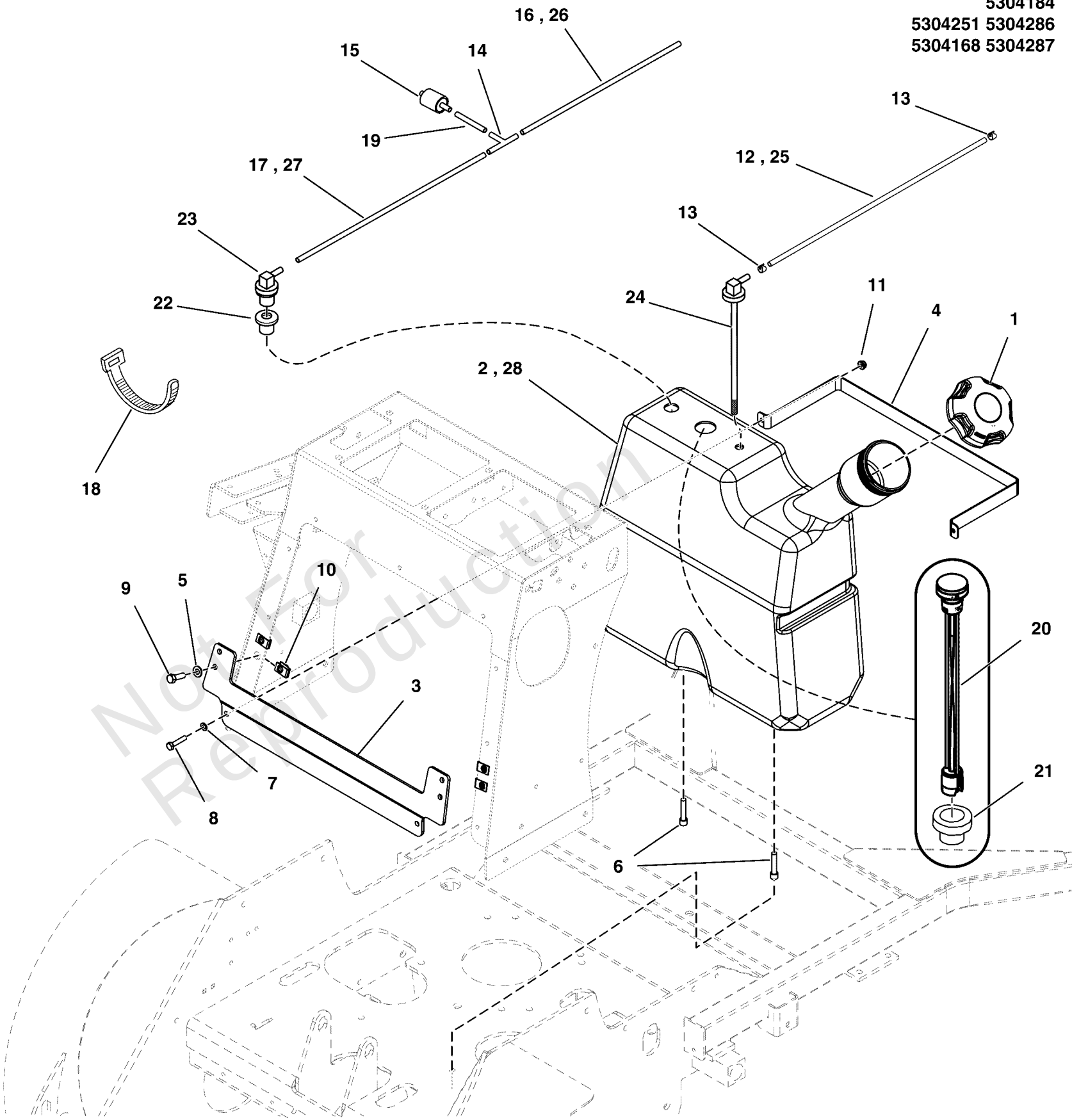
Note: *Order Oil Guard replacement parts from your Authorized Briggs & Stratton Engine Service Provider

Fuel Tank & Mount, Fuel Supply, and Evap Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

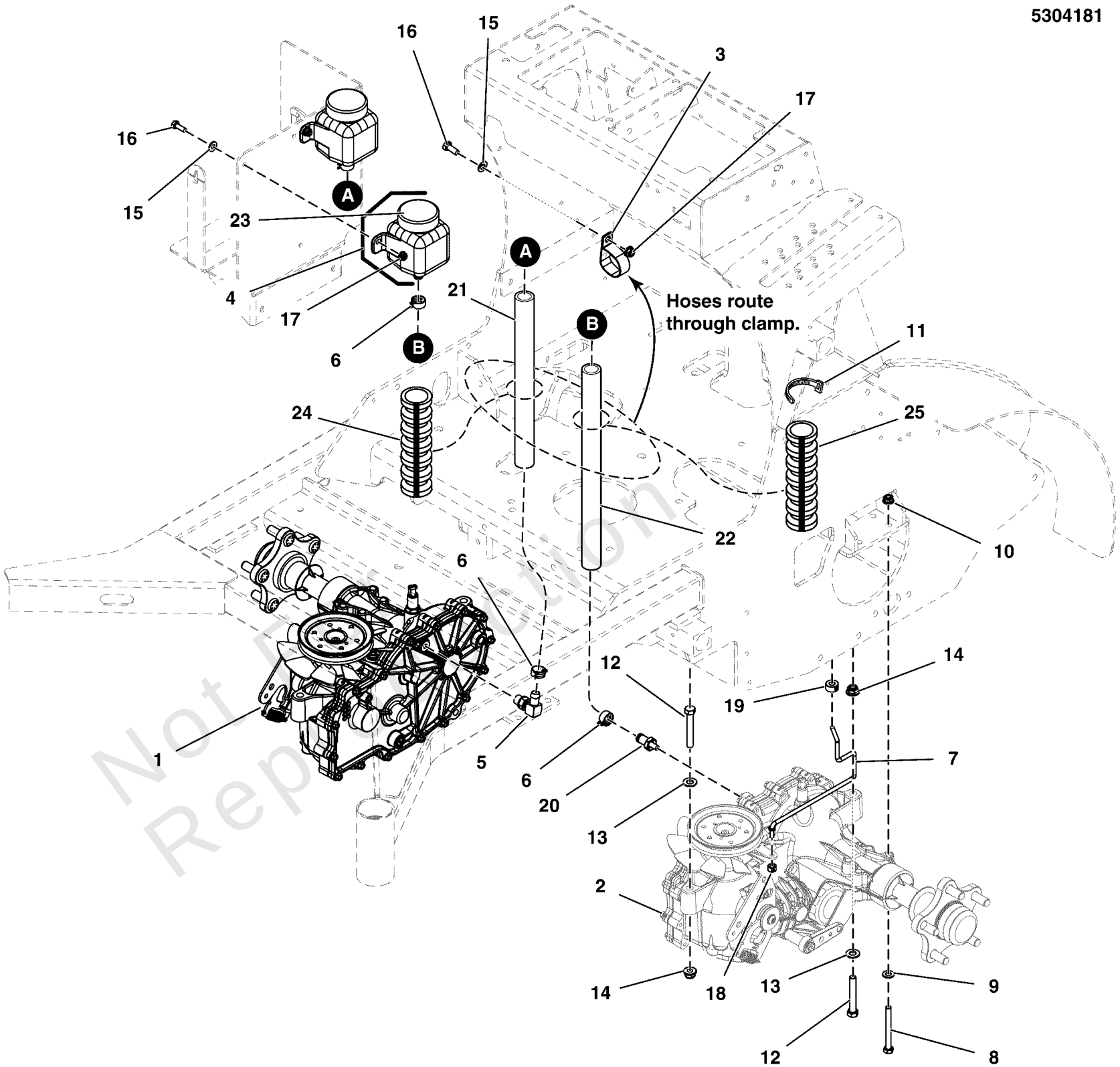
5304184
5304251 5304286
5304168 5304287



Fuel Tank & Mount, Fuel Supply, and Evap Group

REF NO	PART NO	QTY	DESCRIPTION
1	5104686	1	FUEL CAP, 3.25", MANAGED VENT, 16" TETHER
2	5104781	1	TANK, FUEL, STAND -ON, 7.75 GALLON -(S/N: 2017278918 & Above)
3	5414648A	1	PLATE, SRS Z2 TANK MOUNT, 7.75GAL - BLK
4	5414649A	1	STRAP, FUEL TANK, STAND ON - BLK
5	5025155	4	WASHER, 5/16" SAE
6	84008512	2	SCREW, SOC HD, 5/16-18 X 1/2
7	5025154	2	WASHER, 1/4 SAE
8	5025010X8	2	BOLT, 1/4-20 X 1" GD5 CZ
9	5025011X8	4	BOLT, 5/16-18 X 1 GD5 CZ
10	5022308	4	BODY CLIP, 5/16-18-7GA MATERIAL
11	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
12	5050831X16	1	HOSE, 1/4" FUEL, 16.00" -(Briggs & Stratton EFI Models)
13	93807	2	CLAMP, HOSE, EXTERNAL, 1/2 - RED
14	5103062	1	FITTING, 3/16" TEE, BARB TYPE, HDPE
15	80025019	1	FILTER, FUEL
16	7700552X5	1	HOSE, VAPOR, 5MM ID, 5.00 LG -(Briggs & Stratton EFI Models)
17	7700552X15	1	HOSE, VAPOR, 5MM ID, 15.00 LG -(Briggs & Stratton EFI Models)
18	5021030	5	TIE, SELF-LOCKING, 6"
19	7700552X2	1	HOSE, VAPOR, 5MM ID, 2.00 LG
20	5104785	1	GAUGE, FUEL LEVEL, 17.0"
21	80089102	1	GROMMET, FUEL GAUGE
22	209043	1	GROMMET
23	770046	1	REMOTE VENT ASSEMBLY
24	5104783	1	PICKUP TUBE ASM, FUEL TANK, 16.50"
25	5050831X21	1	HOSE, 1/4" FUEL, 21.00" -(Kawasaki Models)
26	7700552X18	1	HOSE, VAPOR, 5MM ID, 18.00 LG -(Kawasaki Models)
27	7700552X21	1	HOSE, VAPOR, 5MM ID, 21.00 LG -(Kawasaki Models)
28	5600899	1	KIT, LARGE CAPACITY FUEL TANK, SRS Z2 -(S/N: 2017278917 & Below)

5304181



Hydraulic Group

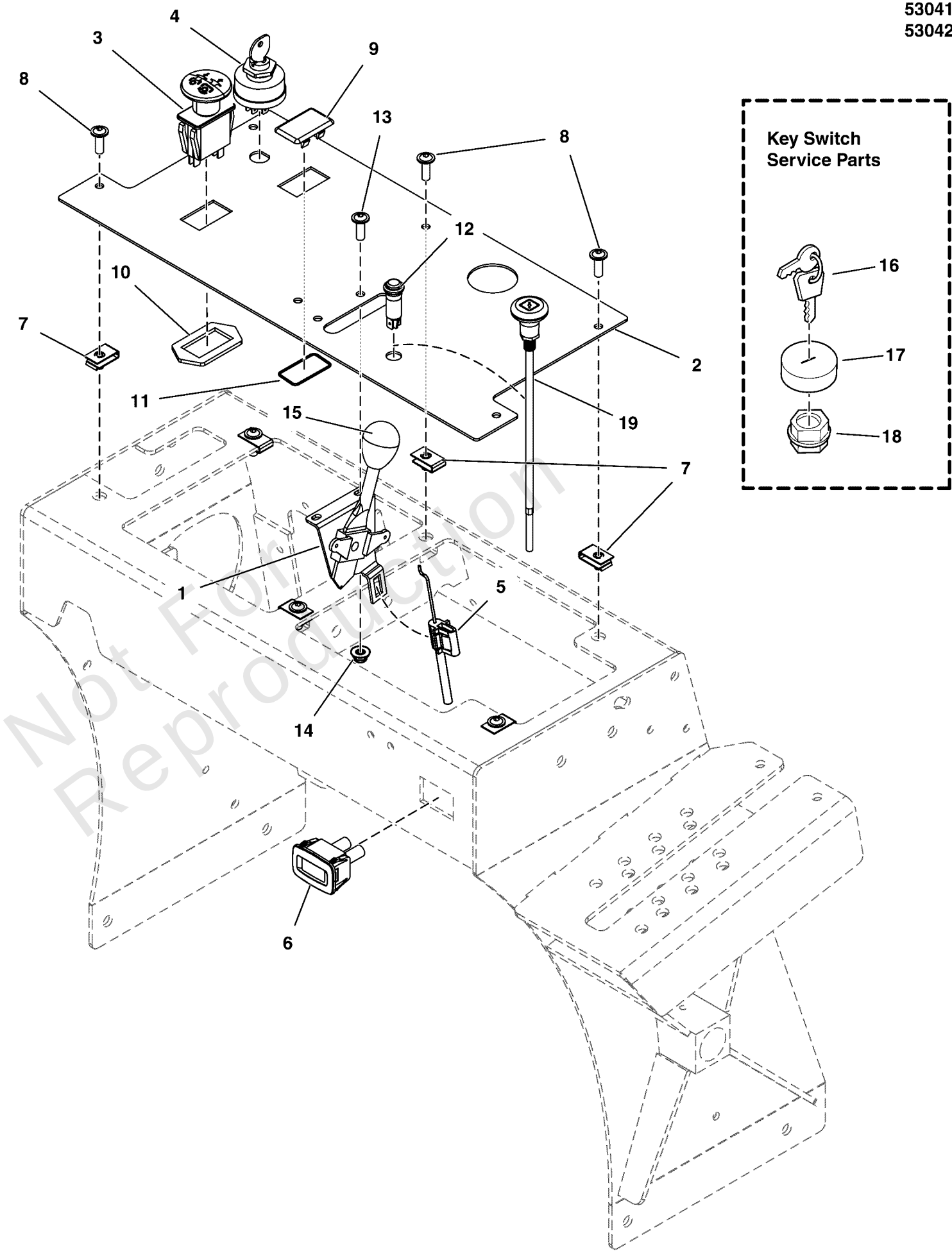
REF NO	PART NO	QTY	DESCRIPTION
1	5106324	1	TRANSAXLE, ZT3400, RH, ZU-GKEF-3L7B-1UXE
2	5106323	1	TRANSAXLE, ZT3400, LH ZU-KKEF-3L7C-1UXE
3	5021500	2	CLAMP, VINYL INSULATED, 1.00
4	5100473	2	HYDRO RES. #71328, 350 ml
5	5100370	1	FITTING, 9/16 O-RING-1/2" HOSE, 90 DEG
6	5021392	4	CLAMP, #6 HOSE, STAINLESS
7	5104598	2	ROD, HYDRO RELEASE, STAND ON
8	5025011X24	4	BOLT, 5/16-18 X 3 GD5 CZ -(Torque transmission mounting bolt to 17-22 ft-lbs (23-30 Nm))
9	5025155	4	WASHER, 5/16" SAE
10	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
11	5021030	4	TIE, SELF-LOCKING, 6"
12	5025013X20	4	BOLT, 3/8-16 X 2-1/2" GD5 CZ -(Torque transmission mounting bolt to 30-35 ft-lbs (41-47 Nm))
13	5025156	4	WASHER, 3/8 SAE
14	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
15	5025154	5	WASHER, 1/4 SAE
16	5025010X6	5	BOLT, 1/4-20 X 3/4 GD5 CZ
17	5025391	5	NUT, 1/4-20 HEX NYLOCK FLANGE
18	5022481	2	COLLAR, 1/4 SET
19	5020047	2	COLLAR, 5/16 SET
20	5103687	1	FITTING, #6 O-RING-1/2 HOSE BARB, STRAIGHT
21	5050857X30	1	HOSE, 1/2" PUSH-ON, 30.00"
22	5050857X39	1	HOSE, 1/2" PUSH-ON, 39.00"
23	5100778X1	1	RESERVIOR CAP -(SV)
24	5100384X8	1	LOOM, CONVOLUTED SPLIT, 1" ID - 8" LONG -(Installed on hydraulic hose where it passes through the engine deck.)
25	5100384X16	1	LOOM, CONVOLUTED SPLIT, 1" ID - 16" LONG -(Installed on hydraulic hose where it passes through the engine deck.)

Instrument Control Panel Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304183
5304285



Instrument Control Panel Group

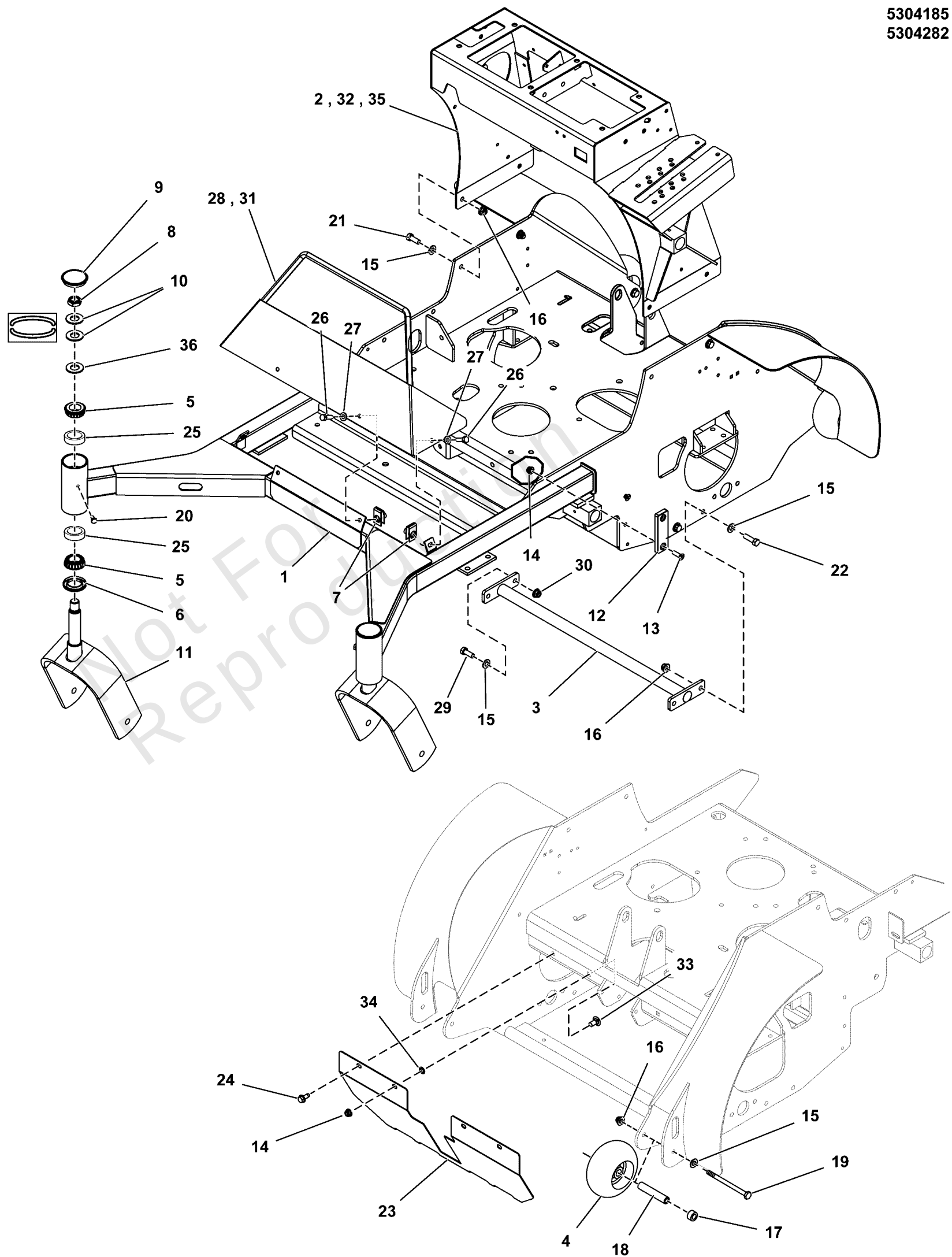
REF NO	PART NO	QTY	DESCRIPTION
1	5101995	1	LEVER, HEAVY DUTY, THROTTLE CONTROL
2	5600970	1	DASH PANEL W/DECALS, SRSZ2 (5415654A) -(Models equipped with carbureted engines.)
2	5601128	1	DASH PANEL W/DECALS, SRSZ2EFI (5417475A) -(Models equipped with fuel injected engines.)
3	5104697	1	PTO SWITCH, MOMENTARY, SMALL KNOB
4	5020927	1	SWITCH, IGNITION, 6 POST
5	5101074	1	CABLE, THROTTLE, 40"
6	84008768	1	HOURLMETER (2 Pin Connector) -(Replaces hour meters equipped with two individual wires.)
6	84008510	1	HOURLMETER (6 Pin Connector) -(Replaces hour meters equipped with 6 pin connectors.)
7	5022665	6	BODY CLIP, 1/4-20 X 1/2" DEEP
8	5025299X6	6	USE 5106757 - SCREW, 1/4-20X3/4, ZINC
9	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC -(S/N: 2017576822 & Below)
10	5022222	1	RING, SWITCH RETAINER
11	5022269	1	O-RING, 7/8" ID X 1/16" W -(S/N: 2017576822 & Below)
12	5103809	1	LIGHT, INDICATOR, PANEL, LED, RED -(Fuel Injected Models)
13	5025179X4	2	SCREW, #10-24 X 1/2" ROUND PHILLIPS
14	5025271	2	NUT, Hex, Nylon Lock, #10-24
15	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB -(SV)
16	5022789	1	KEY, IGNITION MOLDED SET -(SV)
17	5022790	1	COVER, PLASTIC, SNAP ON -(SV)
18	5022791	1	PLASTIC NUT -(SV)
19	5100184	1	CABLE, CHOKE CONTROL, 43.5" -(Carbureted Models)

Main Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304185
5304282



Main Frame Group

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	FRAME -(Refer to Note: *)
2	5413615B	1	WELD, TOWER INSTRUMENT, CONTROL - RED -(S/N: 2017329777 & Below)
3	5413620AAFS	1	BRACE
4	1716353	2	GAUGE WHEEL-2.70 -(S/N: 2017954955 & Below)
4	5105521FS	2	WHEEL -(S/N: 2017954956 & Above)
5	5020884SM	4	BEARING, TAPERED ROLL
6	5021072SM	2	SEAL, GREASE
7	5022308SM	4	BODY CLIP, 5/16-18 X
8	5025448SM	2	NUT - 3/4-16 HEX JAM
9	5109845FS	2	CAP
10	5025449SM	4	WASHER, BELLEVILLE
11	5402208B	2	WELD, CASTER YOKE - RED MODEL -(S/N: 4001542418 and below)
11	5421396BFS	2	YOKE, Caster -(S/N: 4001542419 and above)
12	5102702YP	2	PAD, FRICTION
13	5025594YP	4	SCREW, 5/16-18 X 1
14	703115	8	NUT -(Qty: 4 - S/N: 2017329777 & Below)
15	5025156FS	10	WASHER
16	5025394SM	10	NUT, 3/8-16 HEX NYLOCK
17	5100836	2	SPACER, .64 X 1.13 X .63, CZ -(S/N: 2017954955 & Below)
18	5101163	2	SPACER, .38 X .63 X 3.25, YZ -(S/N: 2017954955 & Below)
18	5105554YP	2	SPACER -(S/N: 2017954956 & Above)
19	5025013X36YP	2	BOLT, 3/8-16 X 4-1/2
20	5025457SM	2	BOLT - 1/4-28 X 1/2
21	5025013X8SM	4	BOLT, 3/8-16 X 1" GD5
22	5025013X10SM	3	BOLT, 3/8-16 X 1-1/4"
23	5413611BFS	1	SHIELD, HEAT
24	5025059X6	4	BOLT, 5/16-18 X 3/4", SELF-TAPPING -(S/N: 2017329777 & Below)
25	5020883	1	CUP, BEARING (SV) -(SV)
26	5025011X8FS	4	BOLT
27	703350	4	WASHER
28	5414399BFS	1	GUARD, FRONT -(52" Models Only)
29	703406	1	CAPSCREW, 3/8-16X1.5
30	5025100SM	1	NUT, 3/8-16 HEX SIDE
31	5414734B	1	WELD, FRONT GUARD, SRS Z2 61 - RED -(61" Models Only)
32	5414918B	1	WELD, CONTROL TOWER, Z2 -(S/N: 2017329778 - 2017576822)
33	5025145X6SM	4	BOLT, 5/16-18 X 3/4", -(S/N: 2017329778 & Above)
34	703297	4	RETAINER, GR5, 5/16 -(S/N: 2017329778 & Above)

Footnotes:

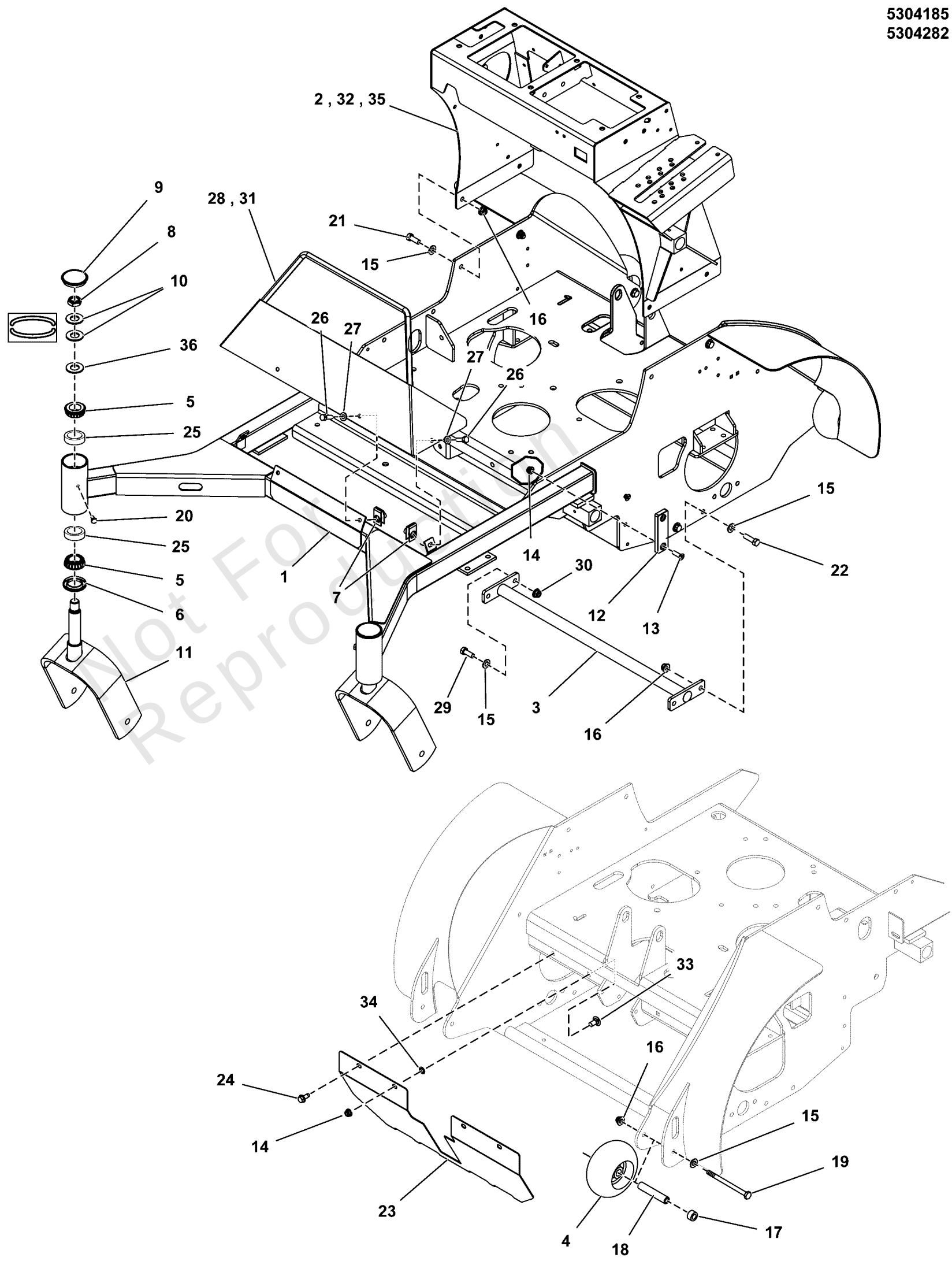
Note: *If frame is damaged, call 1-800-933-6175 ext. 709

Main Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304185
5304282

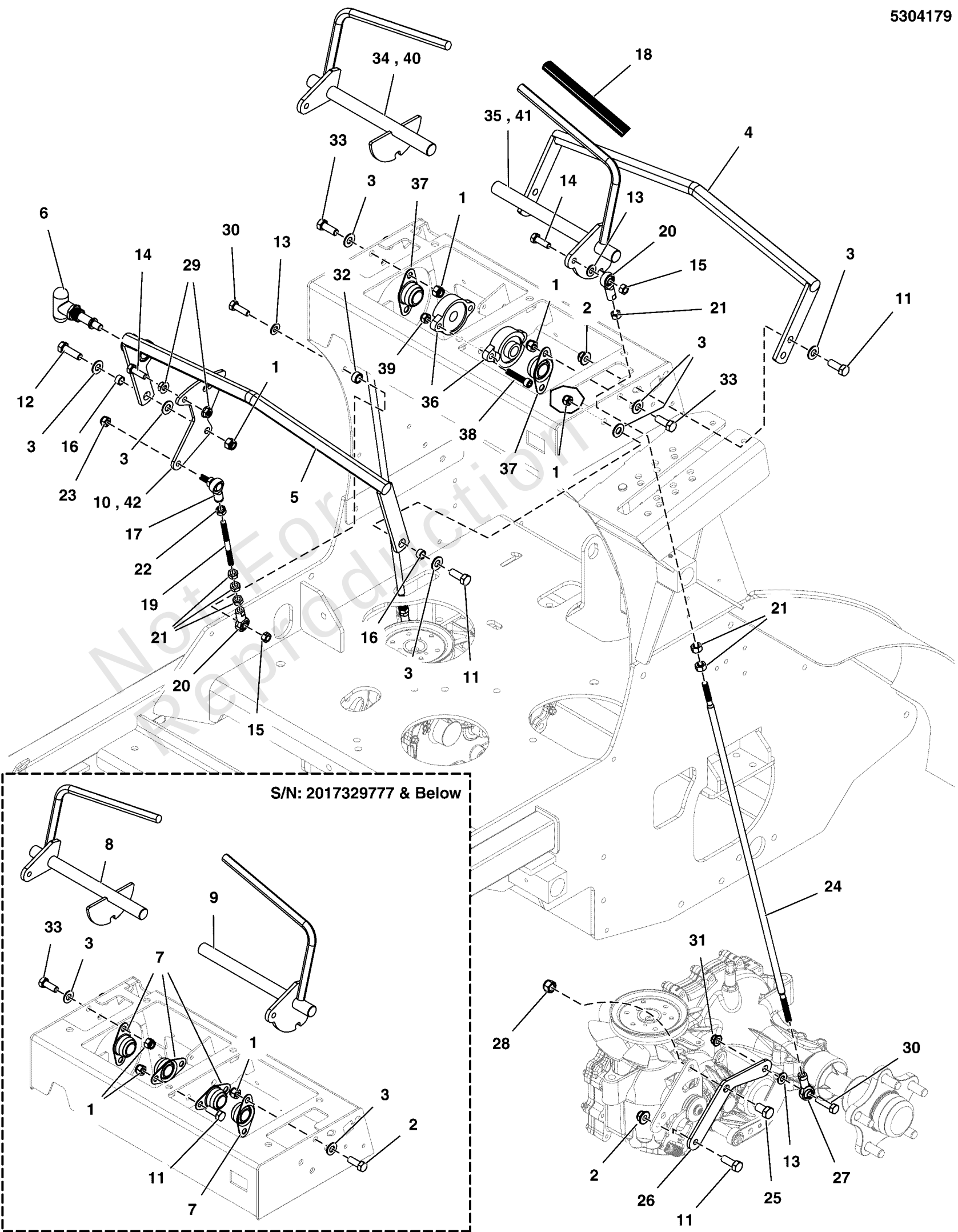


Main Frame Group

REF NO	PART NO	QTY	DESCRIPTION
35	5415760BFS	1	CONTROL, TOWER -(S/N: 2017576823 & Above)
36	5025160SM	2	WASHER, 3/4" SAE

Not For
Reproduction

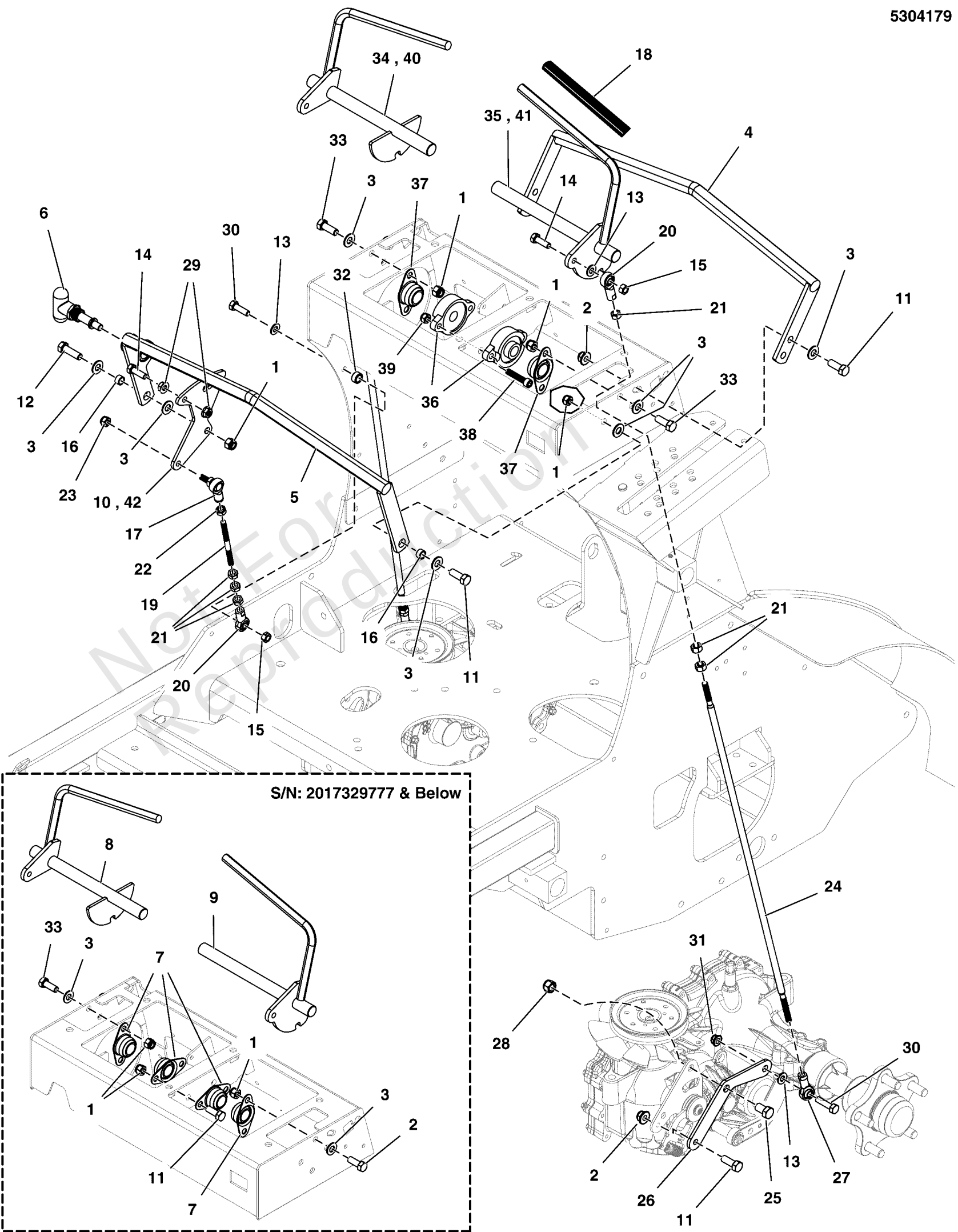
5304179



Motion Control Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025096SM	8	NUT, 3/8-16 HEX NYLON -(Qty: 10 - S/N: 2017329777 & Below)
2	5025394SM	2	NUT, 3/8-16 HEX NYLOCK
3	5025156FS	12	WASHER
4	5413594AAFS	1	HANDLE, REAR
5	5413706AAFS	1	HANDLE, FRONT
6	5104609FS	1	PIN
7	5021098SM	4	BEARING, BRONZE FLANG -(S/N: 2017329777 & Below)
8	5413622A	1	WELD, HANDLE MOTION CONTROL RH - BLK -(S/N: 2017329777 & Below)
9	5413621A	1	WELD, HANDLE MOTION CONTROL LH - BLK -(S/N: 2017329777 & Below)
10	5413893A	1	PLATE, SPEED ADJUSTMENT, STAND ON - BLK -(S/N: 2017329778 - 2017576822)
11	5025013X8SM	7	BOLT, 3/8-16 X 1" GD5 -(Qty: 9 - S/N: 2017329777 & Below)
12	5025013X10SM	1	BOLT, 3/8-16 X 1-1/4"
13	703350	5	WASHER
14	5025011X8FS	3	BOLT
15	703164	3	NUT
16	5041930SM	2	SPACER, .38 X .50 X .
17	5104495YP	1	JOINT-BALL
18	5101715FS	2	GRIP
19	5104608FS	1	ROD
20	5104493YP	3	BALL JOINT 5/16-24 RH
21	5025033FS	9	NUT
22	5023212SM	1	NUT, 5/16-24 HEX, LH
23	5025045SM	1	NUT, 5/16-24 HEX NYLO
24	5104551FS	2	ROD, CONTROL
25	5025015X6SM	2	BOLT, 7/16-14
26	5413628AAFS	2	PLATE, CONTROL PANEL
27	5104494YP	2	BALL JOINT 5/16-24 LH
28	5025044SM	2	NUT, 7/16-14 HEX
29	5025127SM	2	NUT, 5/16-18 HEX SERR
30	5025055X10YP	3	BOLT, 5/16-18 X 1-1/4
31	703115	2	NUT
32	5102463YP	1	SPACER, .33 X .50X.25
33	5025013X6SM	4	BOLT, 3/8-16 X 3/4" G
34	5414909A	1	WELD, CONTROL HANDLE, RH, SRS -(S/N: 2017329778 - 2017576822)
35	5414910A	1	WELD, CONTROL HANDLE, LH, SRS -(S/N: 2017329778 - 2017576822)
36	5022846SM	2	BEARING, FLANGE, 5/8 -(S/N: 2017329778 & Above)
37	5104885FS	2	BEARING -(S/N: 2017329778 & Above)
38	5025618X12FS	2	SCREW -(S/N: 2017329778 & Above)
39	5025057FS	2	NUT -(S/N: 2017329778 & Above)
40	5415763AAFS	1	CONTROL, HANDLE -(S/N: 2017576823 & Above)
41	5415764AAFS	1	CONTROL, HANDLE -(S/N: 2017576823 & Above)

5304179



Motion Control Group

REF NO	PART NO	QTY	DESCRIPTION
42	5415643AAFS	1	PLATE -(S/N: 2017576823 & Above)

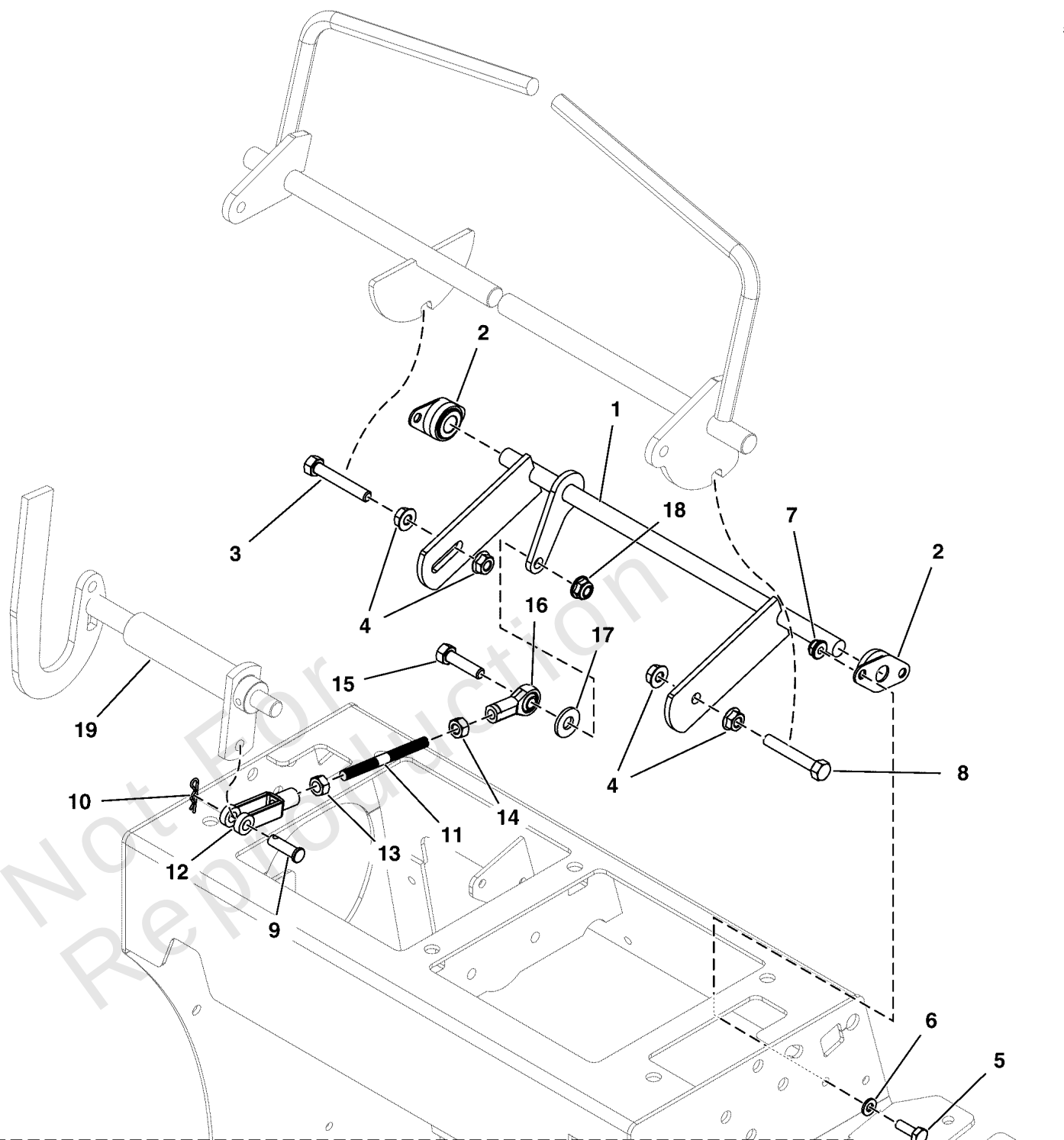
Not For Reproduction

Neutral Lockout Group S/N: 4000089208 and Below

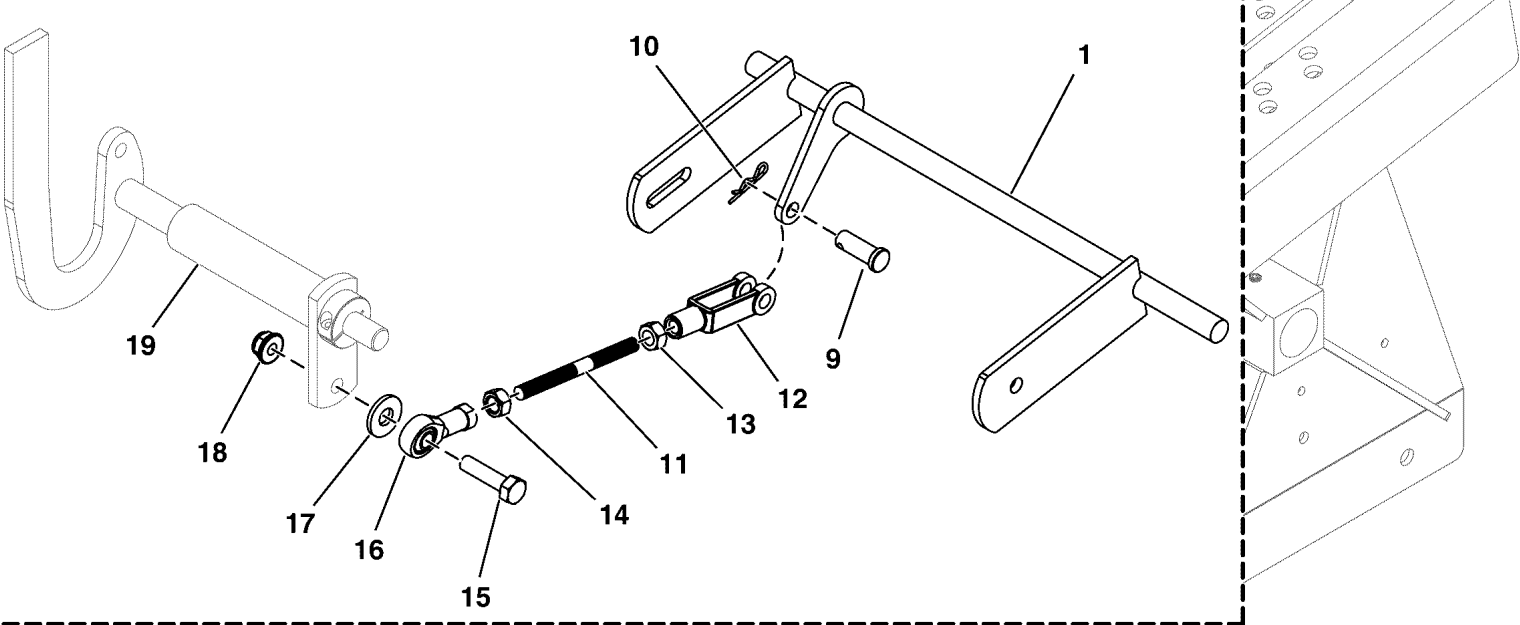
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304248



S/N: 2017329777 & Below



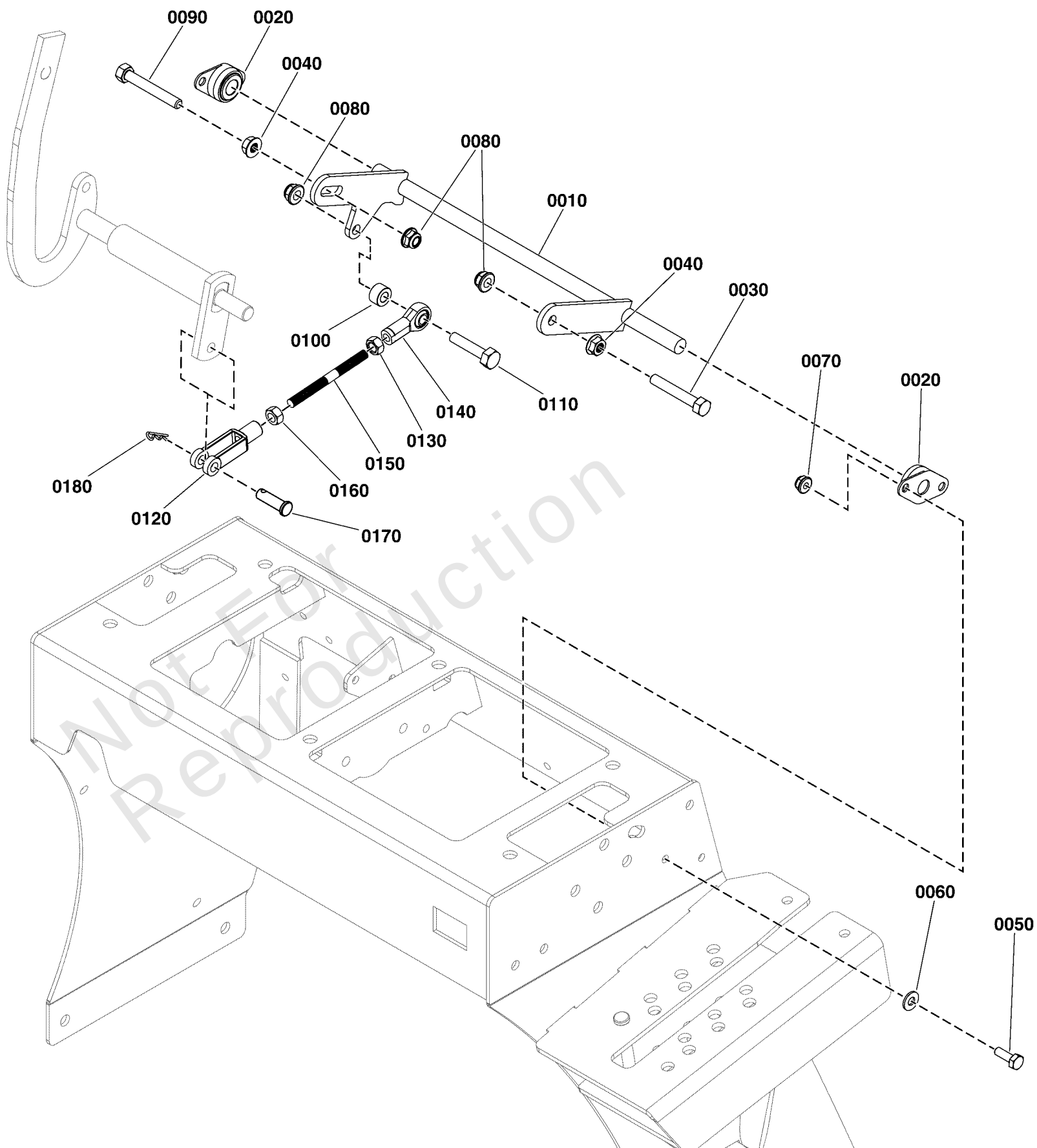
Neutral Lockout Group S/N: 4000089208 and Below

REF NO	PART NO	QTY	DESCRIPTION
1	5414055A	1	WELD, NEUTRAL LOCK SHAFT - BLK
2	5101123	2	BEARING, 1/2 FLANGED, PLASTIC BALL
3	5025011X16	1	BOLT, 5/16-18 X 2 GD5 CZ
4	5025127	4	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
5	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
6	5025154	4	WASHER, 1/4 SAE
7	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
8	5025011X18	1	BOLT, 5/16-18 X 2-1/4 GD5 CZ
9	5025213X8	1	PIN, CLEVIS, 5/16 X 1, PLATED
10	5025211	1	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, CZ
11	5104695	1	ROD, 5/16-24 X 3.25, CZ
12	5023323	1	CLEVIS, 5/16-24, STEEL, CLEAR ZINC
13	5025033	1	NUT, 5/16-24 HEX
14	5023212	1	NUT, 5/16-24 HEX, LH
15	5025011X10	1	BOLT, 5/16-18 X 1-1/4 GD5 CZ
16	5104494	1	BALL JOINT 5/16-24 LH FEMALE BRONZE RACE
17	5025337	1	WASHER, 5/16 USS
18	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE
19	-----	--	SEE PARKING BRAKE GROUP

Neutral Lockout Group S/N: 4000089209 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



Neutral Lockout Group S/N: 4000089209 and Above

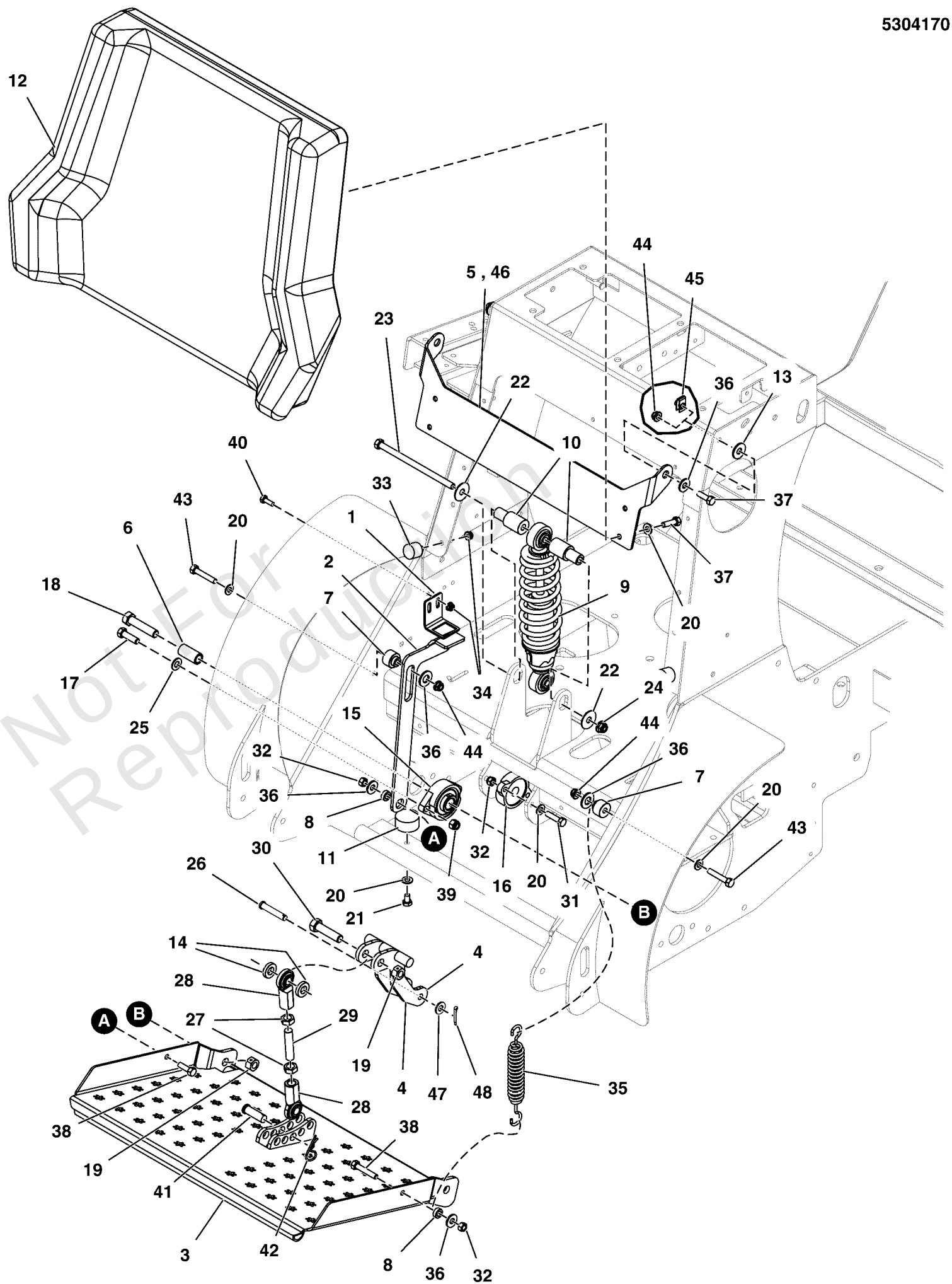
REF NO	PART NO	QTY	DESCRIPTION
0010	5418767A	1	WELD, NEUTRAL LOCK SHAFT, SRS - BLK
0020	5101123	2	BEARING, 1/2 FLANGED, PLASTIC BALL
0030	5025011X16	1	BOLT, 5/16-18 X 2" GD5 YZ
0040	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
0050	5025010X6	4	BOLT, 1/4"-20 X 3/4" GD5 YZ
0060	5025154	4	WASHER, 1/4 SAE
0070	5025391	4	NUT, 1/4-20 Hex Nylock Flange
0080	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0090	5025011X18	1	BOLT, 5/16-18 X 2-1/4" GD5 YZ
0100	5103767	1	SPACER, .33 X .63 X .36, PM, CZ
0110	5025055X12	1	BOLT- 5/16-18 X 1-1/2 GD5 TFL
0120	5023323	1	CLEVIS, 5/16-24, STEEL, CLEAR ZINC
0130	5023212	1	NUT, 5/16-24 HEX, LH
0140	5104494	1	BALL JOINT 5/16-24 LH FEMALE BRONZE RACE
0150	5104695	1	ROD, 5/16-24 X 3.25, CZ
0160	5025033	1	NUT, Hex, 5/16-24
0170	5025213X7	1	PIN, CLEVIS, 5/16 X 1, PLATED
0180	5025211	1	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, YZ

Operator Compartment Group S/N 2017954955 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304170



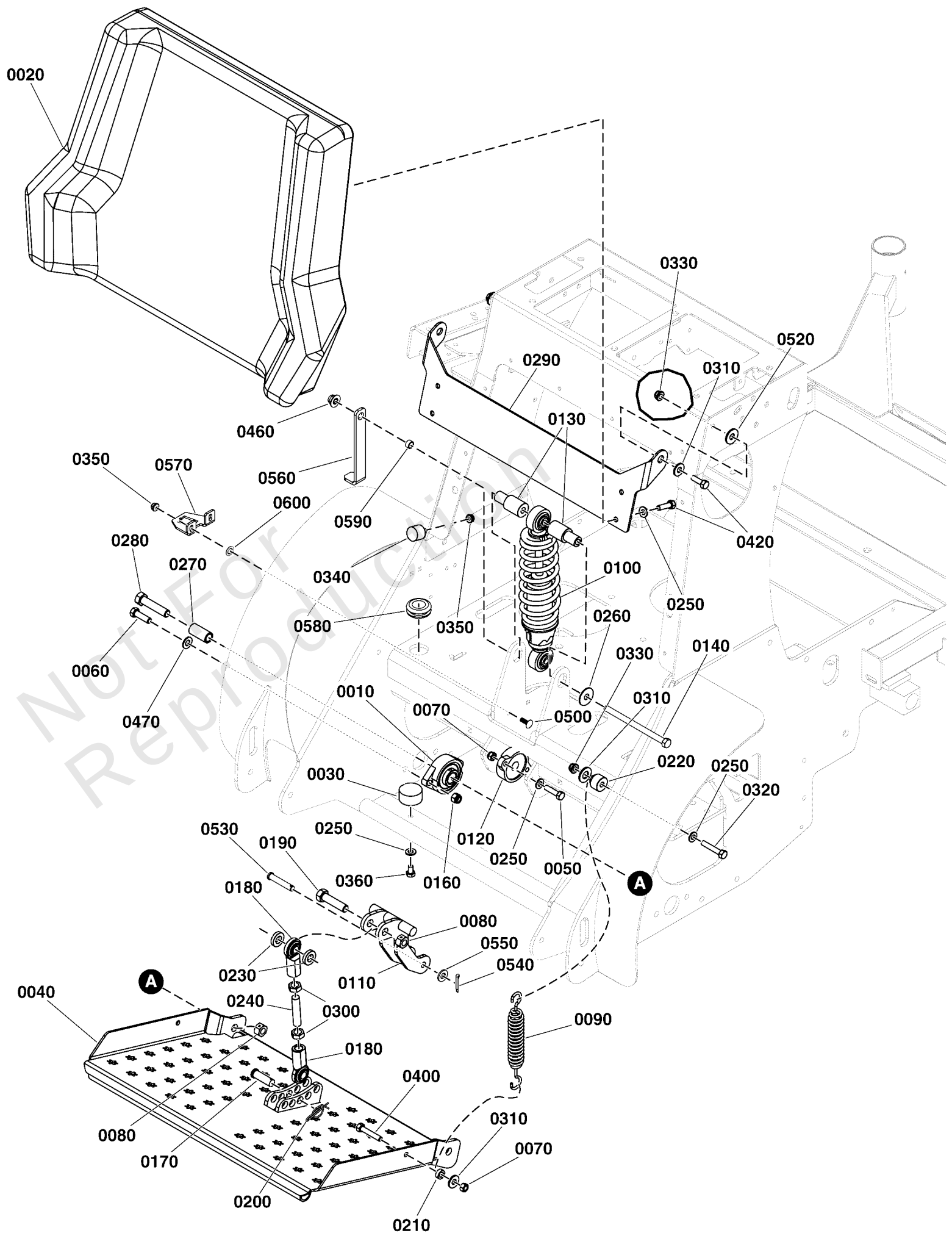
Operator Compartment Group S/N 2017954955 & Below

REF NO	PART NO	QTY	DESCRIPTION
1	5414289A	1	PLATE, OPC, STAND ON - BLK
2	5415381A	1	PLATE, OPC LINK, STAND ON - BLK
3	5414131A	1	WELD, STAND ON PLATFORM - BLK
4	84008611	1	LINKAGE
5	5413287B	1	PLATE, PAD MOUNT, STAND ON - RED -(S/N: 2017576822 & Below)
6	5104658	2	SPACER, .52 X .74 X 1.50, CZ
7	5104655	2	SPACER, .328 X 1.0 X .85, CZ
8	5104654	2	SPACER, .33 X .63 X .25, CZ
9	5104640	1	SHOCK / SPRING ASSEMBLY
10	5104620	2	SPACER, STEP, .39 X 1.00 X .69, CZ
11	5104593	2	BUMPER, RUBBER
12	5104452	1	KNEE PAD, STAND-ON
13	5025164	2	WASHER, 5/16" Fender -(S/N: 2017576823 & Above)
14	5100520	2	SPACER, .52 X 1.00 X .22, PM, CZ
15	5021499	2	BEARING, FLANGE
16	5022846	2	BEARING-FLANGE, 5/8
17	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5 CZ
18	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 CZ
19	5025332	3	NUT, 1/2-13 Hex Side Lock
20	5025155	12	WASHER, 5/16" SAE
21	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
22	5025165	2	WASHER, 3/8" Fender
23	5025013X44	1	BOLT, 3/8-16 X 5-1/2" GD5 CZ
24	5025394	1	NUT, 3/8 - 16 HEX NYLOCK FLANGE
25	5025156	4	WASHER, 3/8 SAE
26	84007981	1	PIN, Clevis
27	5025089	2	NUT, 1/2-20 Hex Jam
28	1702779	2	JOINT-BALL .500-20 THD .500ID, CLR ZINC
29	5104663	1	ROD, THREADED, 1/2-20 X 2.25
30	5025017X16	1	BOLT, 1/2-13 X 2" GD5 CZ
31	5025011X8	4	BOLT, 5/16-18 X 1" GRD5 YZ
32	80003675	6	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
33	5022673	2	BUMPER, RUBBER, 1/4-20
34	5025391	4	NUT, 1/4-20 Hex Nylock Flange
35	5022847	1	SPRING-EXT, 1.04 ODX6.935LGX.148WR, BLK
36	5025337	6	WASHER, 5/16" USS
37	5025011X8	6	BOLT, 5/16-18 X 1" GRD5 YZ
38	1960086	2	SCREW, TRUSS HD TORX DR5/16-18X0.875 BLK
39	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
40	80003518	2	BOLT, 1/4-20X0.750, GR5, STD NECK, SQ, ZC/CL
41	5025328X12	1	PIN, CLEVIS, 1/2 X 1-1/2, PLATED
42	5025540	1	PIN, SURE LOCK COTTER, .09 X .75, CZ
43	5025011X14	2	BOLT, 5/16-18 X 1-3/4" GD5 YZ
44	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE NUT -(Qty: 2 - S/N: 2017576822 & Below)
45	5022308	2	BODY CLIP, 5/16-18-7GA MATERIAL -(S/N: 2017576822 & Below)
46	5415781B	1	PLATE, PAD MOUNT, SRS - RED -(S/N: 2017576823 & Above)
47	5025293	1	WASHER, 3/8" GR. 9 FLAT
48	5025203X6	1	* PIN, COTTER, 1/8" X 3/4

Operator Compartment Group S/N 2017954956 & Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606



Operator Compartment Group S/N 2017954956 & Above

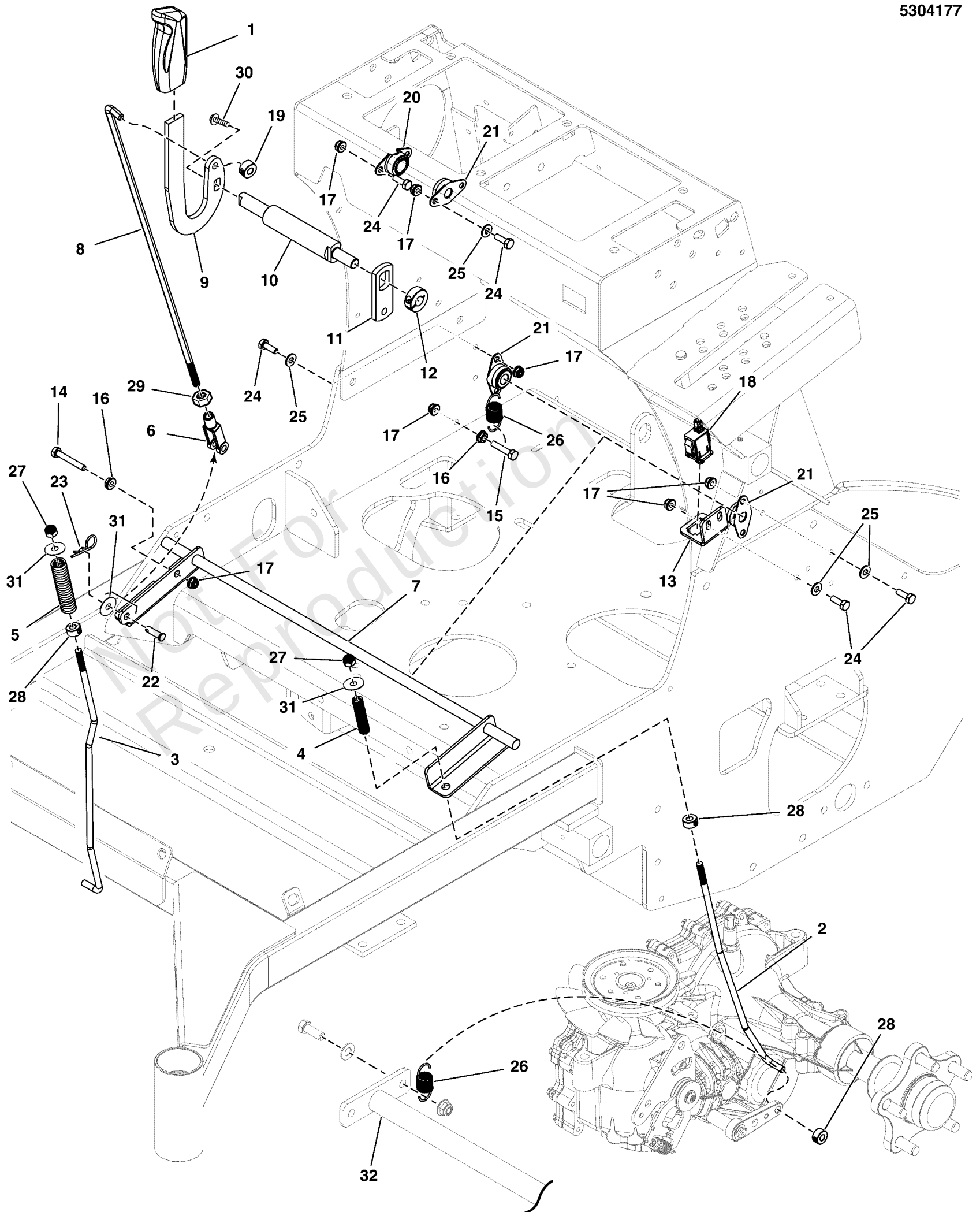
REF NO	PART NO	QTY	DESCRIPTION
0010	5021499	2	BEARING, FLANGE
0020	5108192FS	1	PAD, Knee -(S/N: 4002371239 and below)
0020	84008803	1	PAD, Knee -(S/N: 4002371240 and above)
0030	5104593	2	BUMPER, RUBBER
0040	5414131A	1	WELD, STAND ON PLATFORM - BLK
0050	5025011X8	4	BOLT, 5/16-18 X 1" GRD5 YZ
0060	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5 CZ
0070	80003675	5	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL
0080	5025332	3	NUT, 1/2-13 Hex Side Lock
0090	5022847	1	SPRING-EXT, 1.04 ODX6.935LGX.148WR, BLK
0100	5104640	1	SHOCK / SPRING ASSEMBLY
0110	84008611	1	LINKAGE
0120	5022846	2	BEARING-FLANGE, 5/8
0130	5104620	2	SPACER, STEP, .39 X 1.00 X .69, CZ
0140	5025013X44	1	BOLT, 3/8-16 X 5-1/2" GD5 CZ
0160	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
0170	5025328X12	1	PIN, CLEVIS, 1/2 X 1-1/2, PLATED
0180	1702779	2	JOINT-BALL .500-20 THD .500ID, CLR ZINC
0190	5025017X16	1	BOLT, 1/2-13 X 2" GD5 CZ
0200	5025540	1	PIN, SURE LOCK COTTER, .09 X .75, CZ
0210	5104654	1	SPACER, .33 X .63 X .25, CZ
0220	5104655	1	SPACER, .328 X 1.0 X .85, CZ
0230	5100520	2	SPACER, .52 X 1.00 X .22, PM, CZ
0240	5104663	1	ROD, THREADED, 1/2-20 X 2.25
0250	5025155	12	WASHER, 5/16" SAE
0260	5025165	1	WASHER, 3/8" Fender
0270	5104658	2	SPACER, .52 X .74 X 1.50, CZ
0280	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 CZ
0290	5415781B	1	PLATE, PAD MOUNT, SRS - RED
0300	5025089	2	NUT, 1/2-20 Hex Jam
0310	5025337	4	WASHER, 5/16" USS
0320	5025011X14	1	BOLT, 5/16-18 X 1-3/4" GD5 YZ
0330	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
0340	5022673	2	BUMPER, RUBBER, 1/4-20
0350	5025391	4	NUT, 1/4-20 Hex Nylock Flange
0360	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
0400	1960086	1	SCREW, TRUSS HD TORX DR5/16-18X0.875 BLK
0420	5025011X8	6	BOLT, 5/16-18 X 1" GRD5 YZ
0460	5025394	1	NUT, 3/8 - 16 HEX NYLOCK FLANGE
0470	5025156	4	WASHER, 3/8 SAE
0500	80003518	2	BOLT, 1/4-20X0.750, GR5, STD NECK, SQ, ZC/CL
0520	5025164	2	WASHER, 5/16" Fender
0530	84007981	1	PIN, Clevis
0540	5025203X6	1	* PIN, COTTER, 1/8" X 3/4
0550	5025293	1	WASHER, 3/8" GR. 9 FLAT
0560	5107798	1	PLATE, LINK, OPC, SRSZ
0570	5105692	1	PLATE, SWITCH, OPC, SRSZ, CZ
0580	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
0590	5041930	1	SPACER, .38 X .50 X .27, CZ
0600	80004801	2	BOLT, 1/4, PUSHNUT RETAINER, PHOSPHATE/OIL

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

5304177



Parking Brake Group

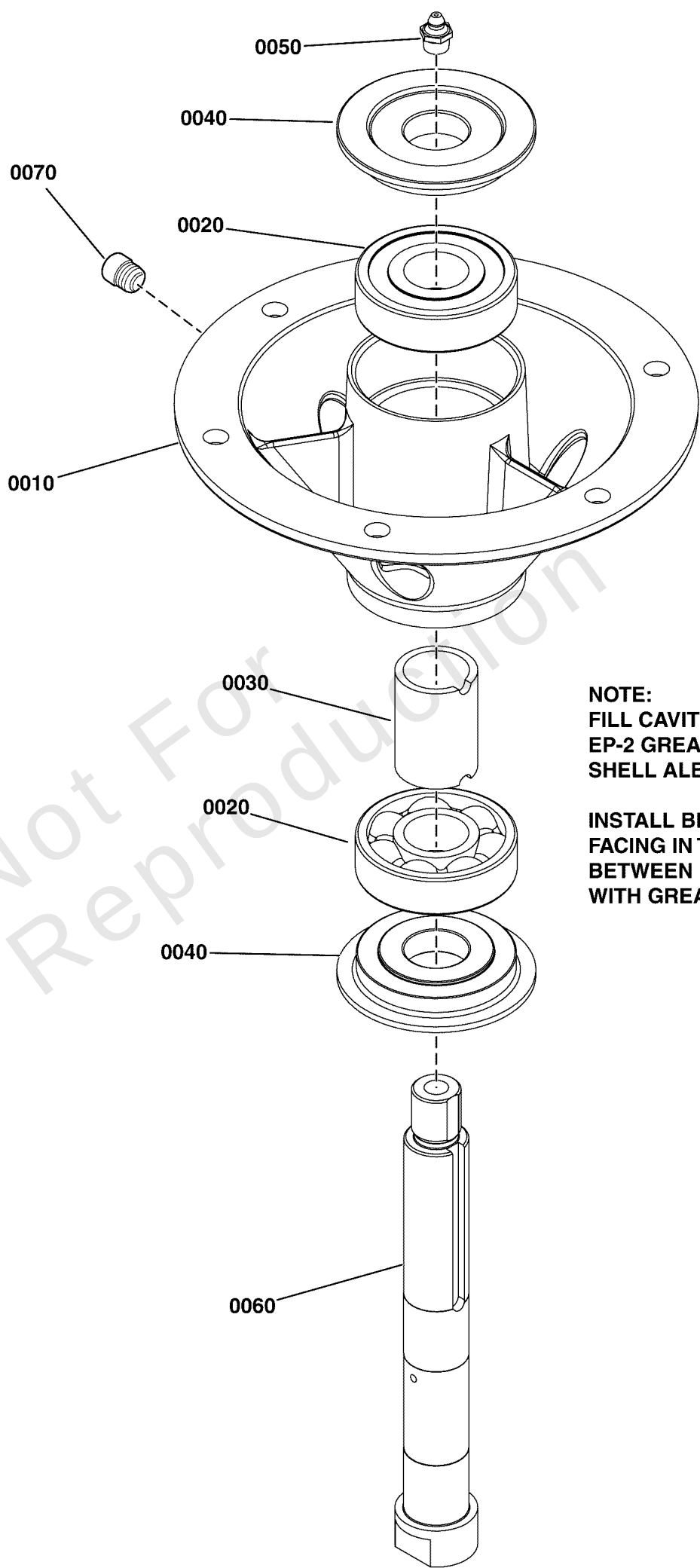
REF NO	PART NO	QTY	DESCRIPTION
1	5100171	1	GRIP, BLACK FLEXIBLE
2	5104739	1	ROD, BRAKE CTRL, LOWER-LH
3	5104740	1	ROD, BRAKE CTRL, LOWER-RH
4	5020637	1	SPRING-COMP, .375IDX2.75LGX.054WR, SS
5	5023242	1	SPRING-COMP, .496ID X 3.00LG X .112WR
6	5023323	1	CLEVIS, 5/16-24, STEEL, CLEAR ZINC
7	5413619A	1	WELD, BRAKE SHAFT, STAND ON - BLK
8	5104548	1	ROD, BRAKE, STAND-ON
9	5414538A	1	PLATE, BRAKE LEVER, SRSZ - BLK
10	5104768	1	SHAFT, UPPER BRAKE ROD, SRSZ
11	5106314	1	PLATE, BRAKE TAB, STAND-ON
12	5010580	1	COLLAR, 1/2 SET (1/2 SPLIT COLLAR IN MODEL)
13	5414267A	1	PLATE, BRAKE SWITCH, STAND ON
14	5025010X14	1	BOLT, 1/4 X 20 X 1-3/4 GD5 YZ
15	5025010X10	1	BOLT, 1/4-20 X 1-1/4 GD5 CZ
16	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
17	5025391	12	NUT, 1/4-20 Hex Nylock Flange
18	-----	1	SEE ELECTRICAL GROUP
19	5020047	1	COLLAR, 5/16" Set
20	5104270	1	BEARING, 5/8" FLANGED, PLASTIC BALL
21	5101123	3	BEARING, 1/2 FLANGED, PLASTIC BALL
22	5025213X8	1	PIN, CLEVIS, 5/16 X 1, PLATED
23	5025211	1	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, YZ
24	5025010X6	10	BOLT, 1/4"-20 X 3/4" GD5 YZ
25	5025154	8	WASHER, 1/4 SAE
26	5010213	2	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
27	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
28	5104748	4	COLLAR, DOUBLE SPLIT, 7MM
29	5025033	1	NUT, Hex, 5/16-24
30	2860664	1	SCREW-HEX SEMS WSHR 1/4-20 X.88 DOG PT
31	5025337	3	WASHER, 5/16" USS
32	-----	1	SEE MAIN FRAME GROUP

Spindle Service Parts - 5104744

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5901606

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

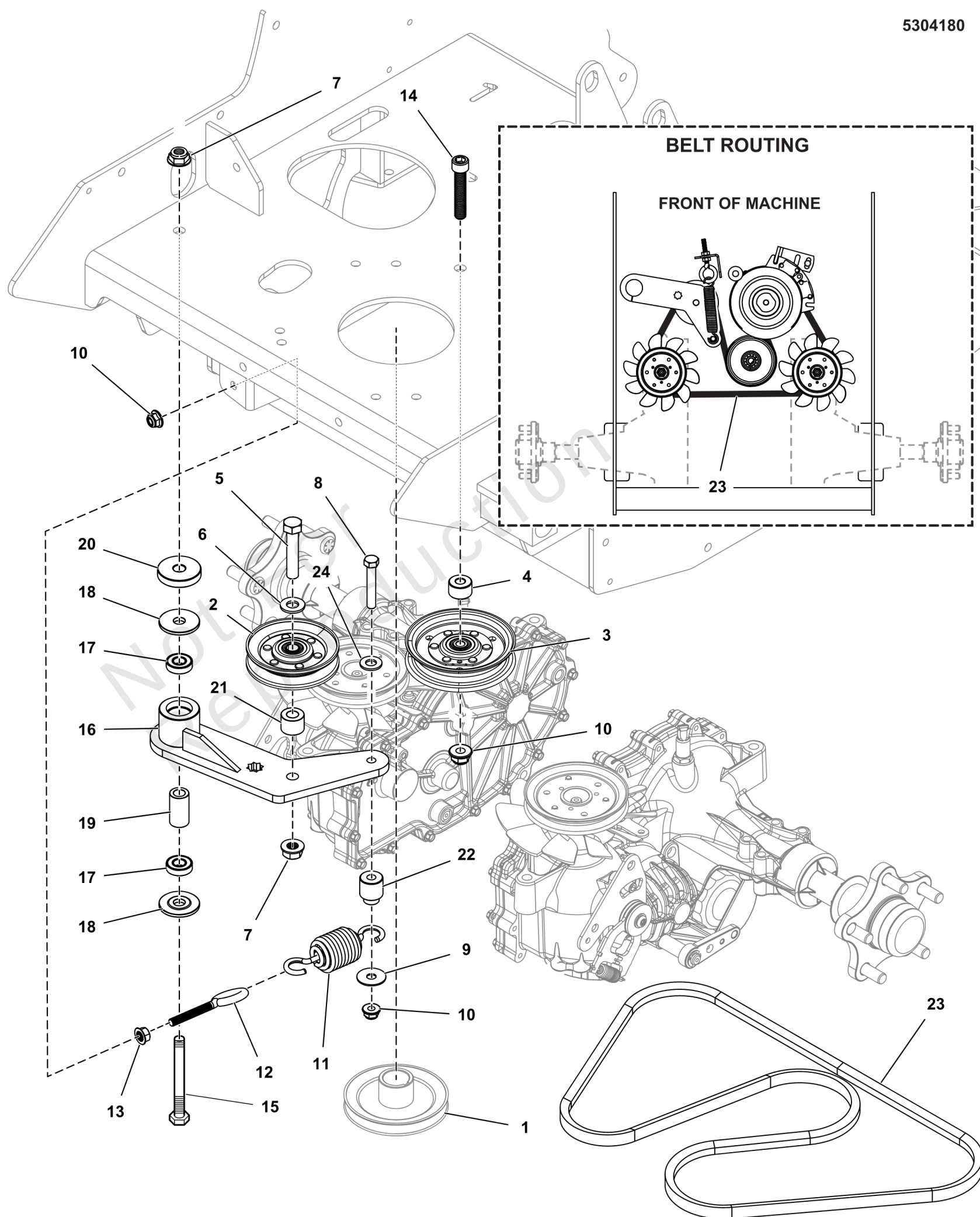
REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	SPINDLE ASSEMBLY -(Refer to Note: *)
0020	5023330	2	BEARING, .98 X 2.44 X .67
0030	5061099	1	SPACER, 1.00 X 1.25 X 1.75
0040	5049793	2	TRASH SHIELD
0050	5023329	1	FITTING, 1/8 NPT STR, SHORT
0060	5061100	1	SHAFT, SPINDLE
0070	5023296	1	FITTING, RELIEF, 1-5 PSI

Not For
Reproduction

Footnotes:

Note: *This is no longer available. If the spindle housing needs to be replaced order a complete new spindle assembly.

5304180

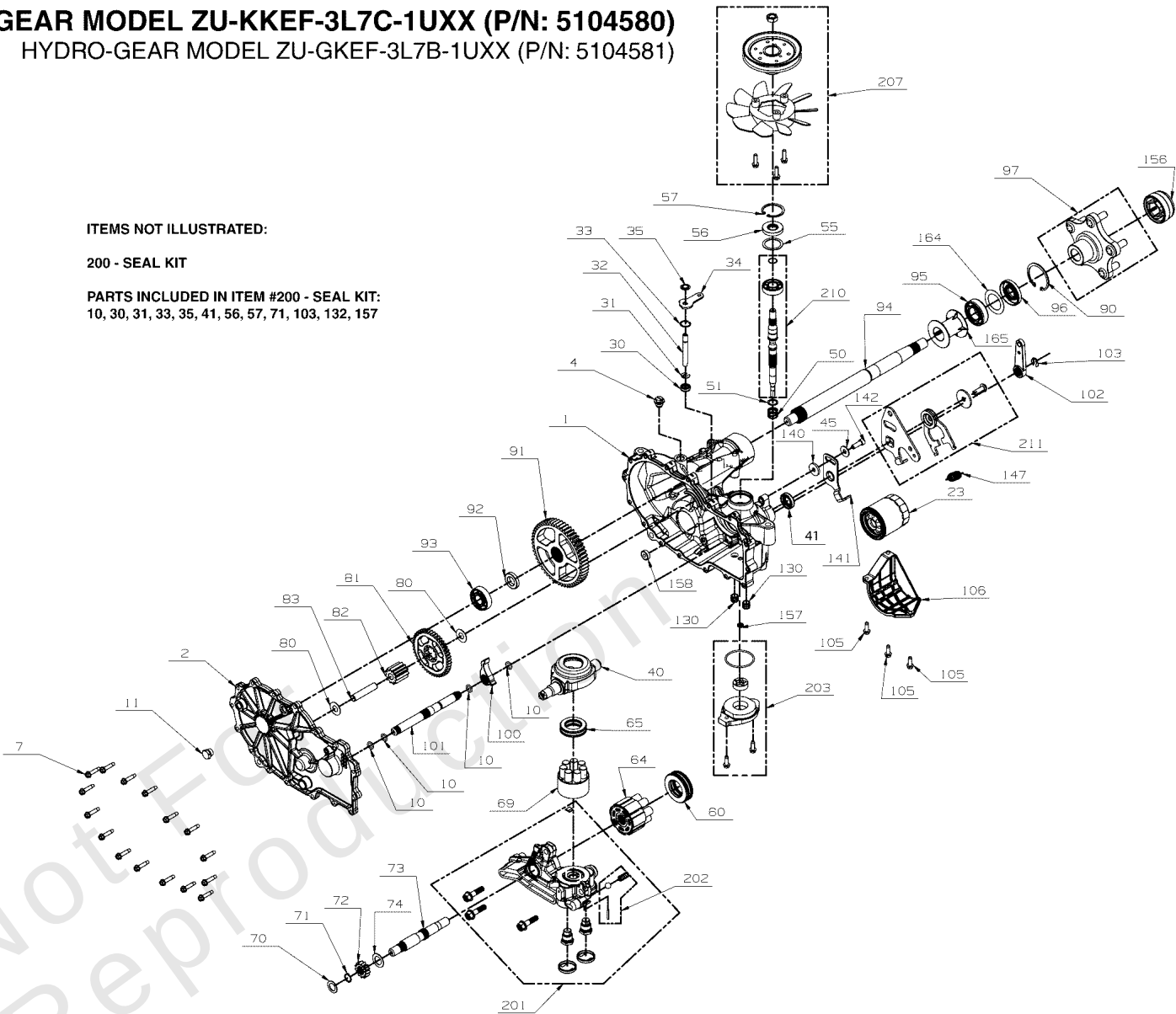


Transaxle Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	PULLEY, CRANKSHAFT, STAND ON (See Engine & PTO Group)
2	5104616FS	1	PULLEY, IDLER
3	5104787FS	1	PULLEY, Idler
4	5046860SM	1	SPACER
5	5025017X22SM	1	BOLT, 1/2-13 X 2-3/4"
6	5025158SM	1	WASHER, 1/2" SAE
7	770225	2	NUT
8	5025013X18SM	1	BOLT, 3/8-16 X 2-1/4"
9	5025165SM	1	WASHER, 3/8" FENDER
10	5025394SM	3	NUT, 3/8-16 HEX NYLOCK
11	5104676FS	1	SPRING, EXTENSION
12	5025429SM	1	EYEBOLT - 3/8-16
13	5025128SM	1	NUT, 3/8-16 HEX SERRA
14	5025625X16FS	1	SCREW
15	5025017X32YP	1	BOLT, 1/2-13 X 4 GD5
16	5414039AAFS	1	ARM, IDLER
17	7078243YP	2	BEARING, BALL, AXLE
18	5103262YP	2	SPACER, IDLER ARM
19	5103812YP	1	SPACER, .52 X .84 X 1
20	5103363FS	1	SPACER
21	5045178SM	1	SPACER, .52 X 1.00 X
22	5045943SM	1	SPACER, SHOULDER
23	5104590FS	1	BELT
24	5025156FS	1	WASHER

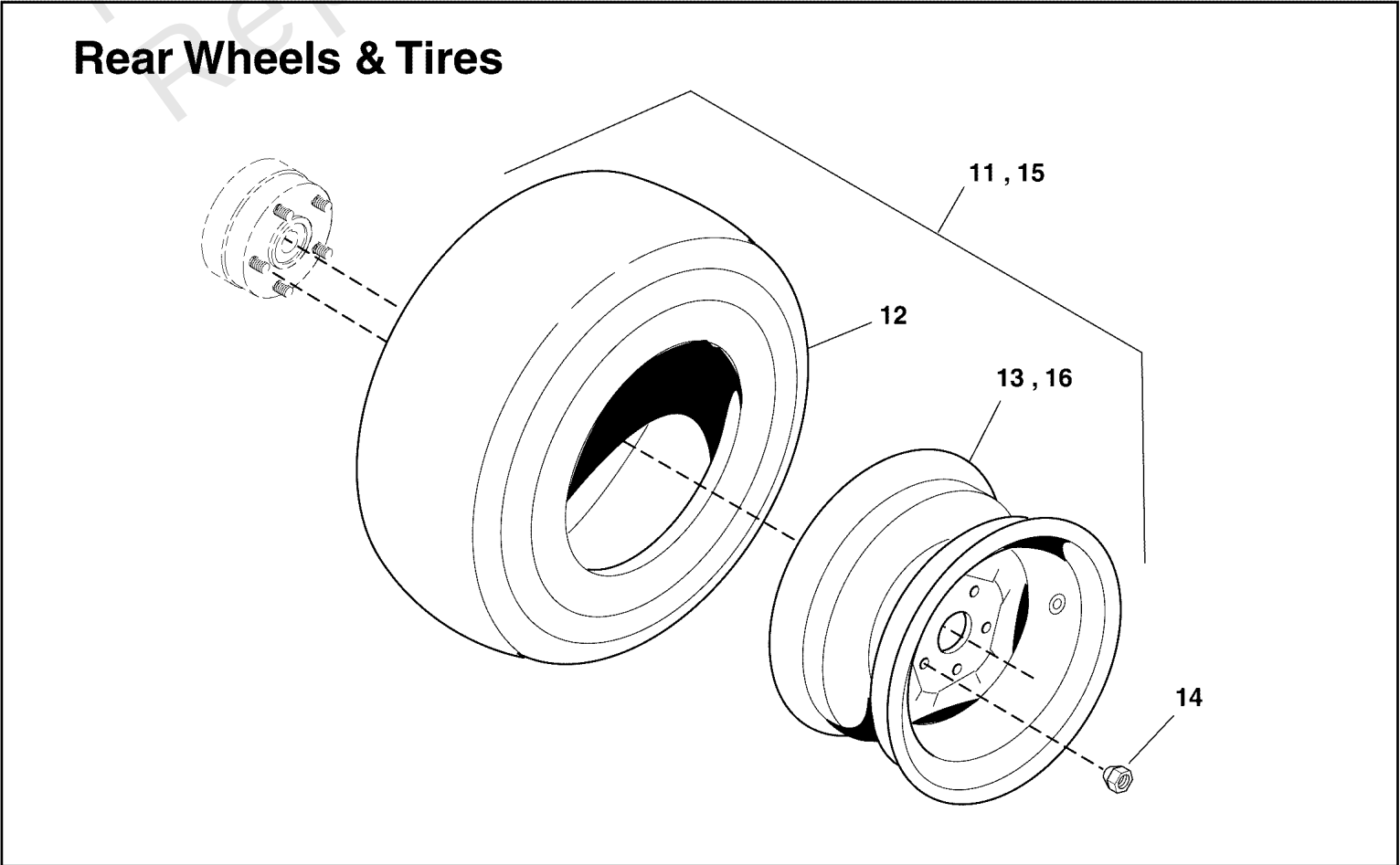
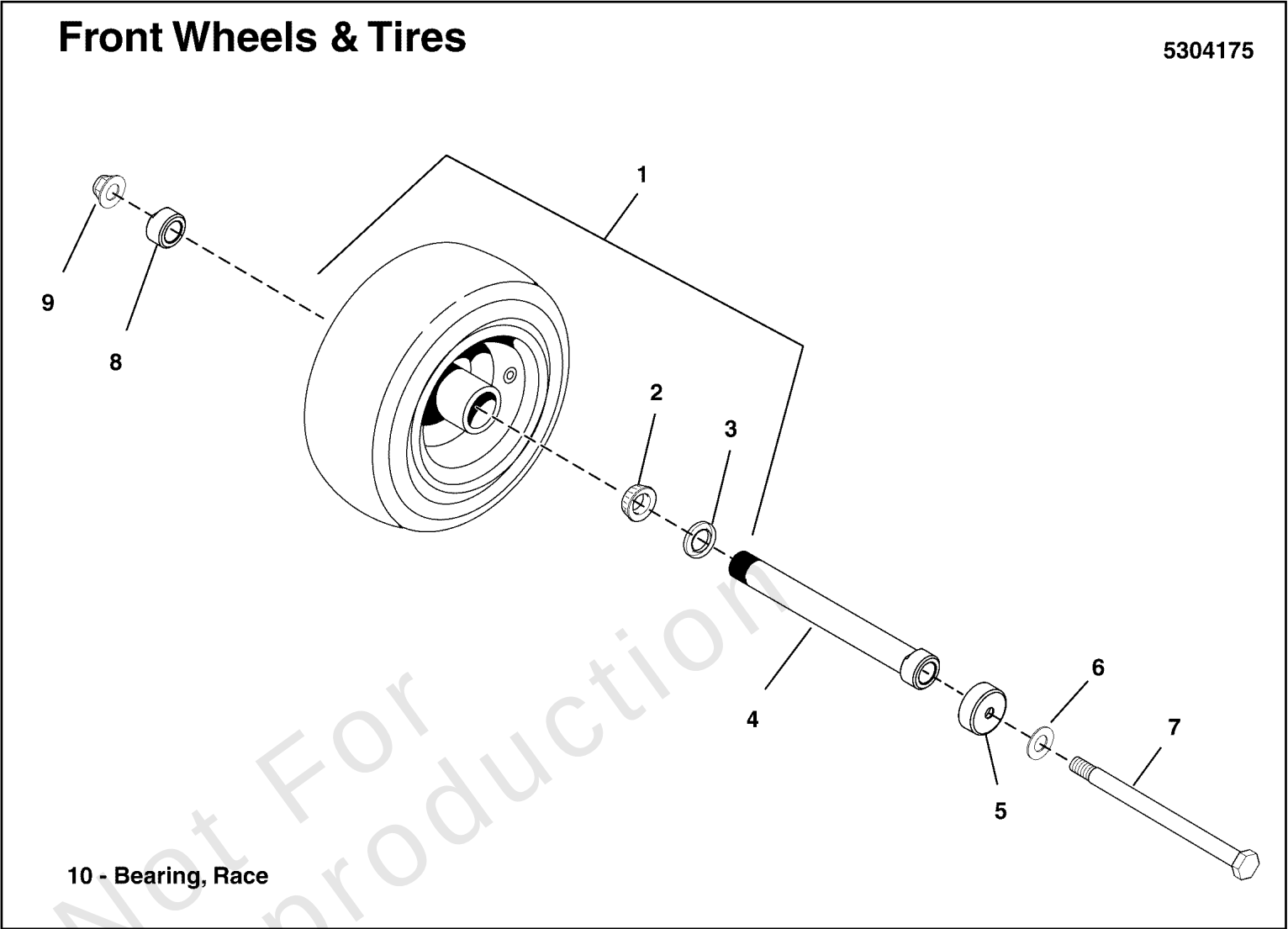
HYDRO-GEAR MODEL ZU-KKEF-3L7C-1UXX (P/N: 5104580)
HYDRO-GEAR MODEL ZU-GKEF-3L7B-1UXX (P/N: 5104581)

ITEMS NOT ILLUSTRATED:
200 - SEAL KIT
PARTS INCLUDED IN ITEM #200 - SEAL KIT:
10, 30, 31, 33, 35, 41, 56, 57, 71, 103, 132, 157



Transaxle SERVICE PARTS - ZT3400 (5104580_5104581)

REF NO	PART NO	QTY	DESCRIPTION
23	5101026X1	1	FILTER, OIL, ZT2800 -(52114)
30	5104471X1	1	SEAL, .375 X .750 X .25 LIP, H/G 51626 -(51626)
41	5101026X2	1	SEAL, CONTROL ARM, 18X32X7, #51140 -(51140)
56	5100161X3	1	OUTPUT SHAFT SEAL, 17X40X7, HR #51161 -(51161)
96	5103589X1	1	KIT, SEAL, AXLE - HG# 53699 -(53699)
200	5103589X2	1	KIT, SEAL - HG# 73239 -(71976)
207	5104580X1	1	FAN & PULLEY KIT, ZT3400'S, STAND-ON -(72657)
210	5103589X4	1	KIT, INPUT SHAFT (BEARING AND SHAFT ONLY) -(71978)
1000	5104580X4	1	KIT, PLUG, BRAKE BORE, OUTBOARD



Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	5023280	2	TIRE ASSM, 13 X 5 - 6, FF / TB
2	5022631SX2	2	BEARING, Tapered Roller -(SV - 2 per tire)
3	5022631SX3	2	SEAL, GREASE -(SV - 2 per tire)
4	5103648	2	BEARING ADJUSTER, SPACER, 6.062 LG
5	5103594	4	DEBRIS, COVER, CASTER WHEELS
6	5025158	2	WASHER, 1/2 SAE
7	5025017X64	2	BOLT, 1/2-13 X 8 GD5 CZ
8	5103650	2	NUT, BEARING ADJUSTER, AXLE
9	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
10	5022631SX4	2	BEARING, RACE -(SV - 2 per tire)
11	5104480	2	TIRE WHEEL ASM, 23X10.5-12, TURF SMART -(52" Models - S/N: 4000771923 and below)
11	5108090	2	TIRE WHEEL ASM, 23X10.50-12, TURF MASTER -(52" Models - S/N: 4000771924 and above)
12	84003895	2	TIRE (23 X 10.5 - 12) -(SV - 52" & 61" Models - S/N: 4000771923 and below)(Refer to Note: *)
12	84003895	2	TIRE (23 X 10.5 - 12) -(SV - 52" & 61" Models - S/N: 4000771924 and above)
13	5104480X1	2	WHEEL, 12 X 8.5, 5/4.5 -(SV - 52" Models)
14	5020601	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER
15	5103920	2	TIRE ASSM, 23 X 10.5-12, TURF SMART -(61" Models - S/N: 4000771923 and below)
15	5108106	2	TIRE WHEEL ASM, 23X10.50-12, TURF MASTER -(61" Models - S/N: 4000771924 and above)
16	5103920X1	2	WHEEL, 12 X 8.5, 5/4.5, 1.3 OFFSET -(SV - 61" Models)

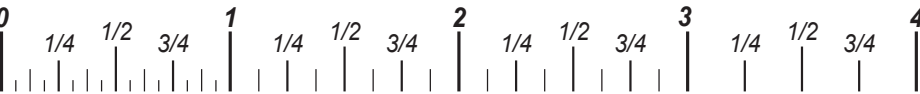
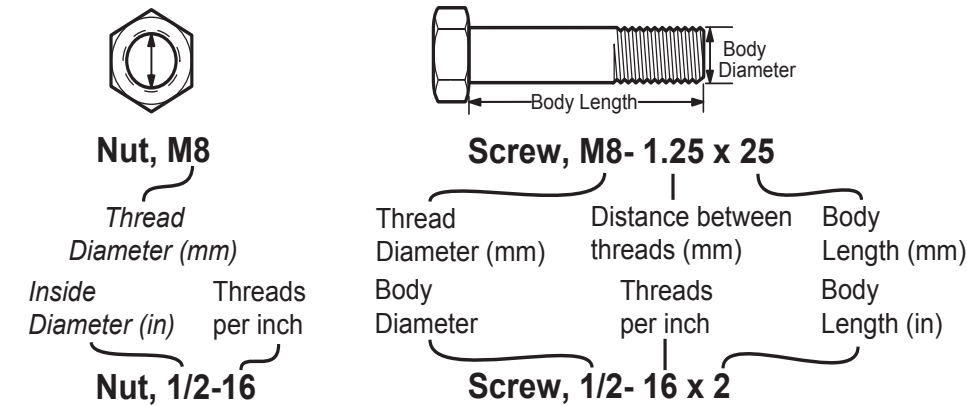
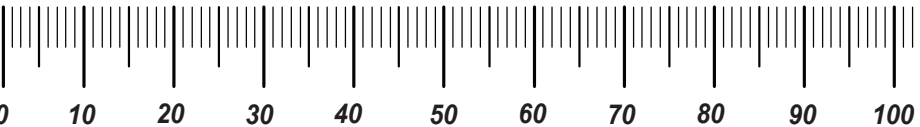
Footnotes:

Note: *Replacement tires have a different tread pattern than what was factory installed. If replacing, it is recommended to replace in pairs.

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).

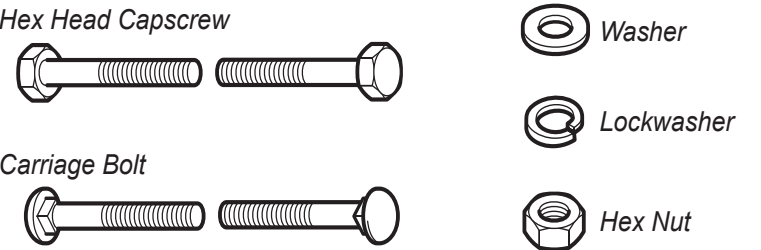
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

