



Parts Manual

Mfg. No: 5900572

IS1500ZX Series w/ 61" iCD Mower Deck
& ROPS (IS1500ZXB2861)

5600322 - Mulch Kit for ZTR w/ 61" iCD Deck - S/N: 2013383849 - 2014644342.....
5600528 - Mulch Kit for ZTR w/ 61" iCD Deck - S/N: 2014644343 - 2015340576.....
5600898 - Mulch Kit for ZTR w/ 61" Deck - S/N: 2015340577 & Above / Walk Behind w/ 61" Deck - S/N:

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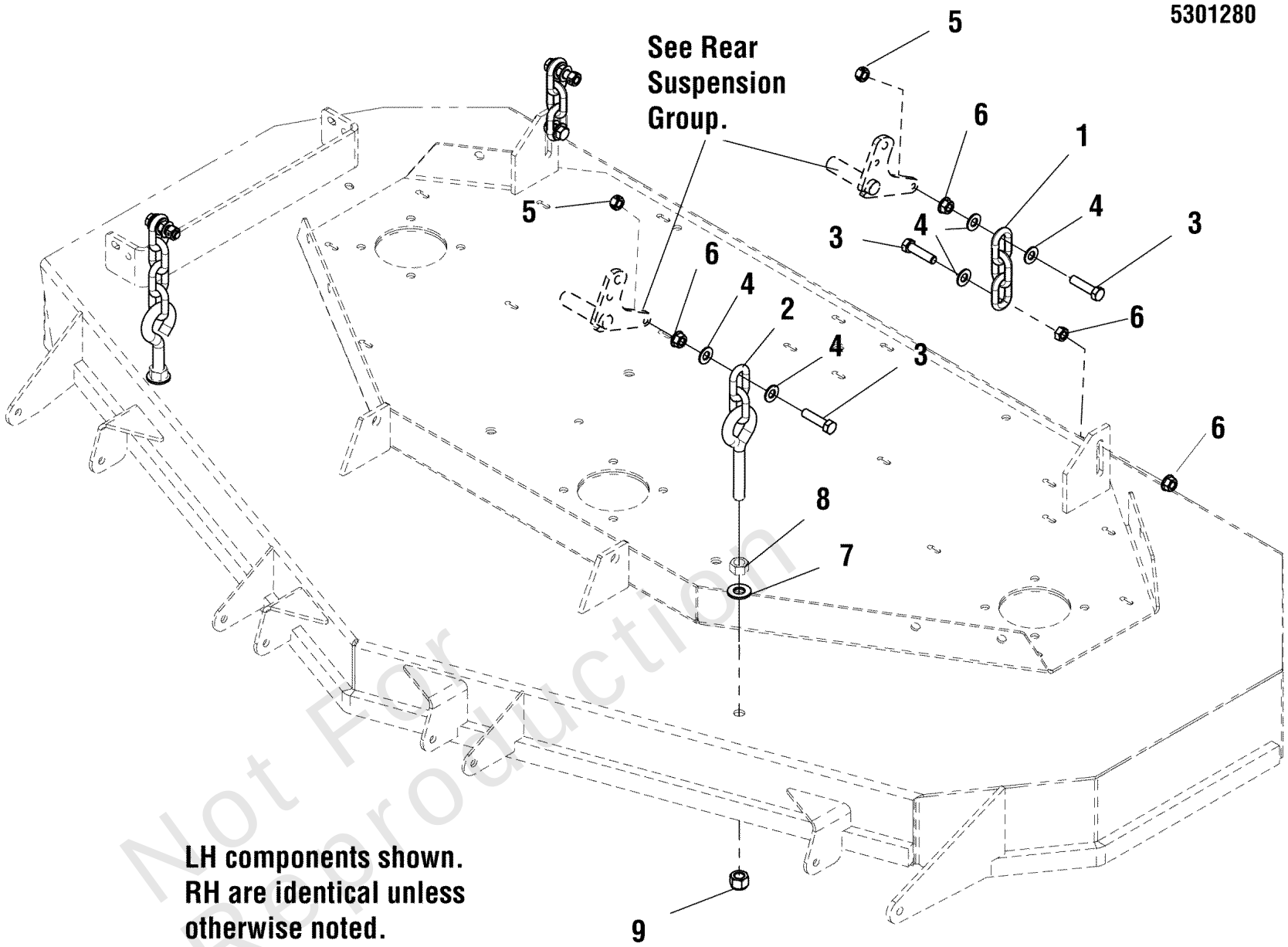
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52" & 61" Mower Deck - Hanger Chains - S/N: 2013410932 & Below

Note: Unless noted otherwise, use the standard torque specifications

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5301280



LH components shown.
RH are identical unless
otherwise noted.

52" & 61" Mower Deck - Hanger Chains - S/N: 2013410932 & Below

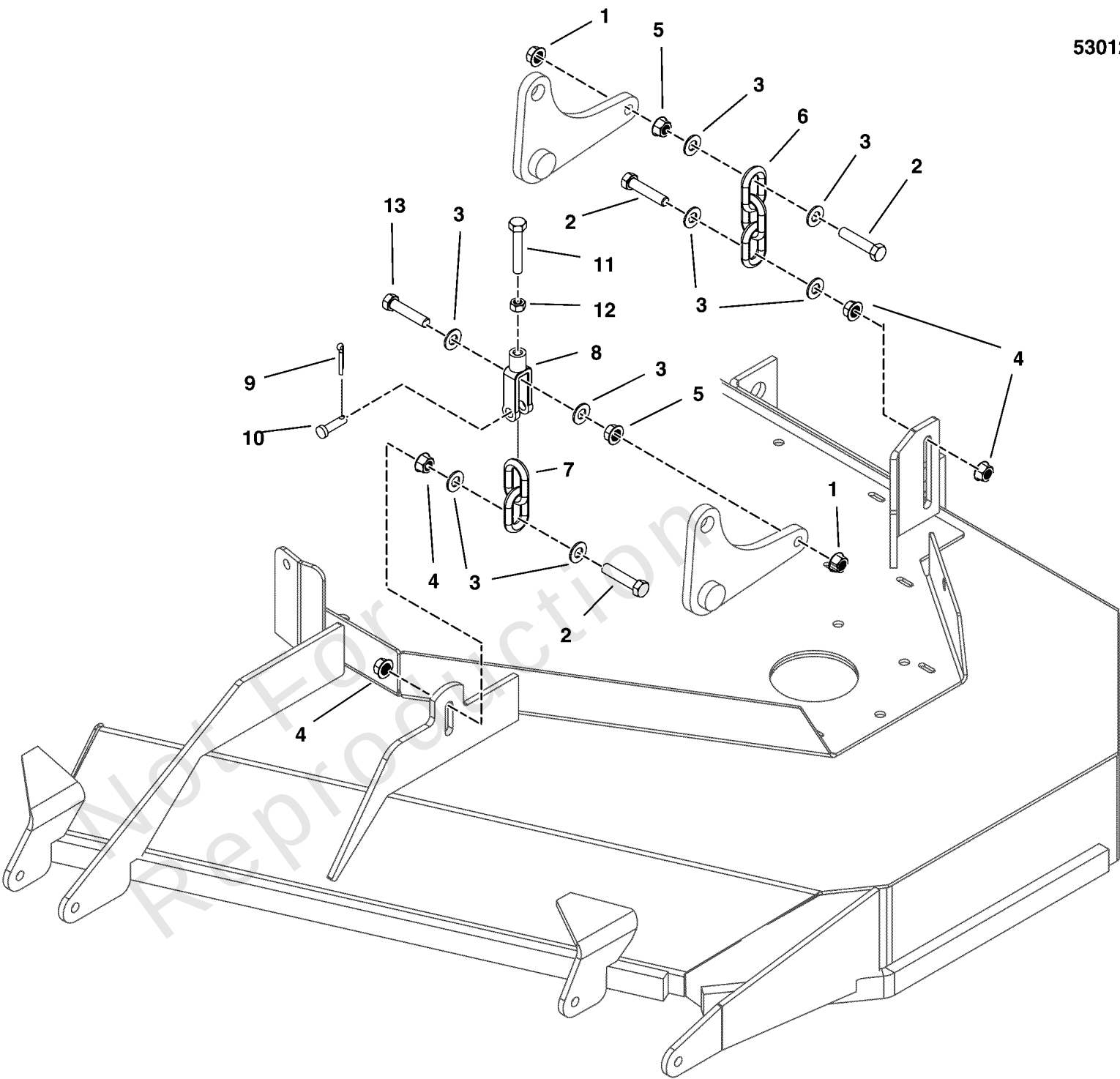
REF NO	PART NO	QTY	DESCRIPTION
1	5050878X3	2	CHAIN, 5/16" GD30, 3 LINKS
2	5104309	2	HANGER, FRONT DECK-2LINK, 5.5" EB
3	5025013X14	6	BOLT, 3/8-16 X 1-3/4" GD5 CZ
4	5025156	10	WASHER, 3/8 SAE
5	5025100	4	NUT, Hex, Side Lock, 3/8-16
6	5025128	8	NUT, 3/8-16 Hex Large Serrated Flange
7	5025158	2	WASHER, 1/2 SAE
8	5025038	2	NUT, 1/2-13 HEX, YZ
9	5025396	2	NUT, Hex Flange, Nylock, 1/2-13

52" & 61" Mower Deck - Hanger Chains - S/N: 2013410933 & Above

Note: Unless noted otherwise, use the standard torque specifications

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5301280A



52" & 61" Mower Deck - Hanger Chains - S/N: 2013410933 & Above

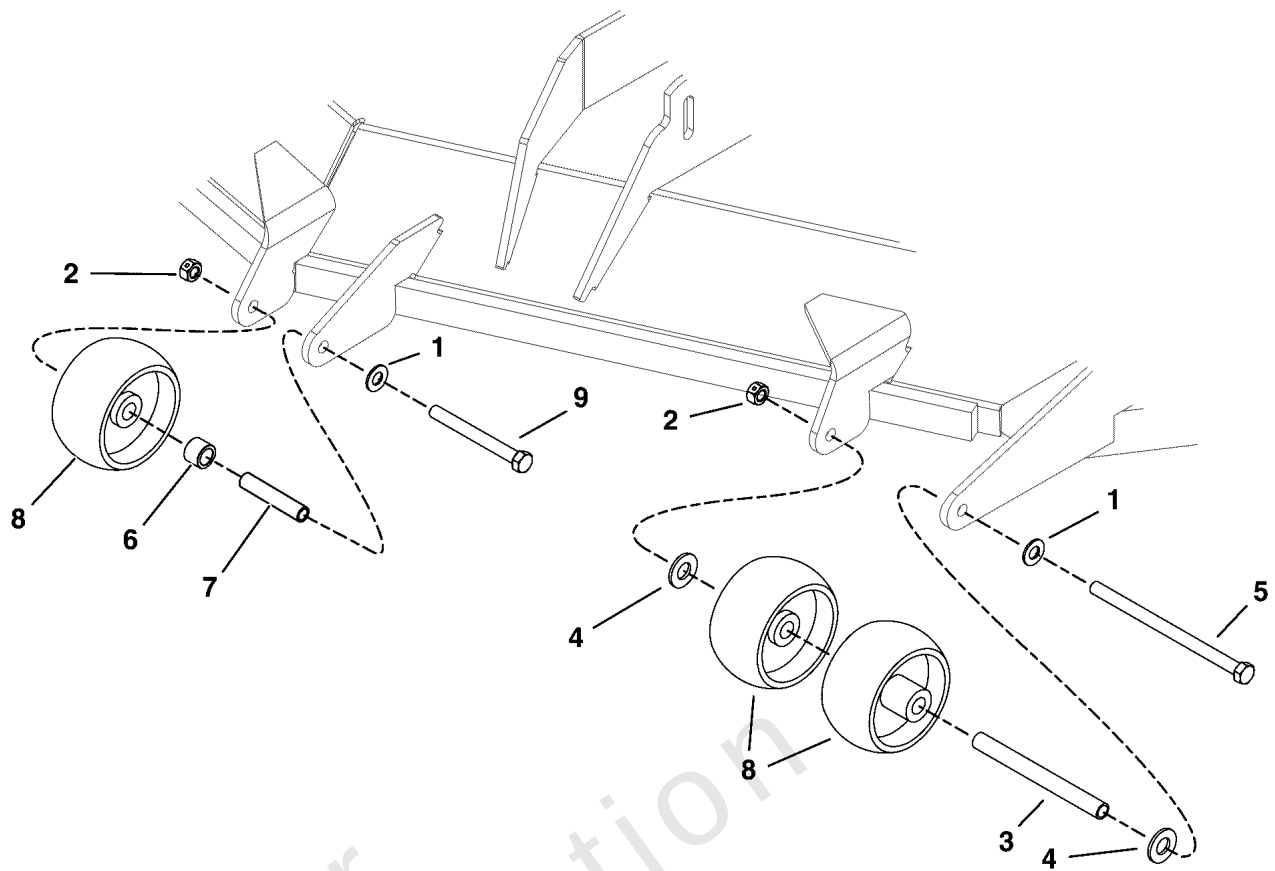
REF NO	PART NO	QTY	DESCRIPTION
1	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
2	5025013X14	6	BOLT, 3/8-16 X 1-3/4" GD5 CZ
3	5025156	12	WASHER, 3/8 SAE
4	5025128	10	NUT, 3/8-16 HEX SERRATED FLANGE
5	5025084	4	NUT, 3/8-16 HEX JAM
6	5050878X3	2	CHAIN, 5/16 GD30, 3 LINKS
7	5050878X2	2	HANGER, FRONT DECK - 2 LINK
8	5100375	2	CLEVIS, 5/16-18, 3/8 PIN HOLE
9	5025214X9	2	PIN, CLEVIS, 3/8 X 1-1/8
10	5025203X6	2	PIN, COTTER, 1/8 X 3/4
11	5025055X16	2	BOLT, 5/16-18 X 2 GD5 TFL
12	5025388	2	NUT, 5/16-18 HEX JAM
13	5025013X16	2	BOLT, 3/8-16 X 2, GD5, CZ

52" & 61" Mower Deck - Rollers

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5300652



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52" & 61" Mower Deck - Rollers

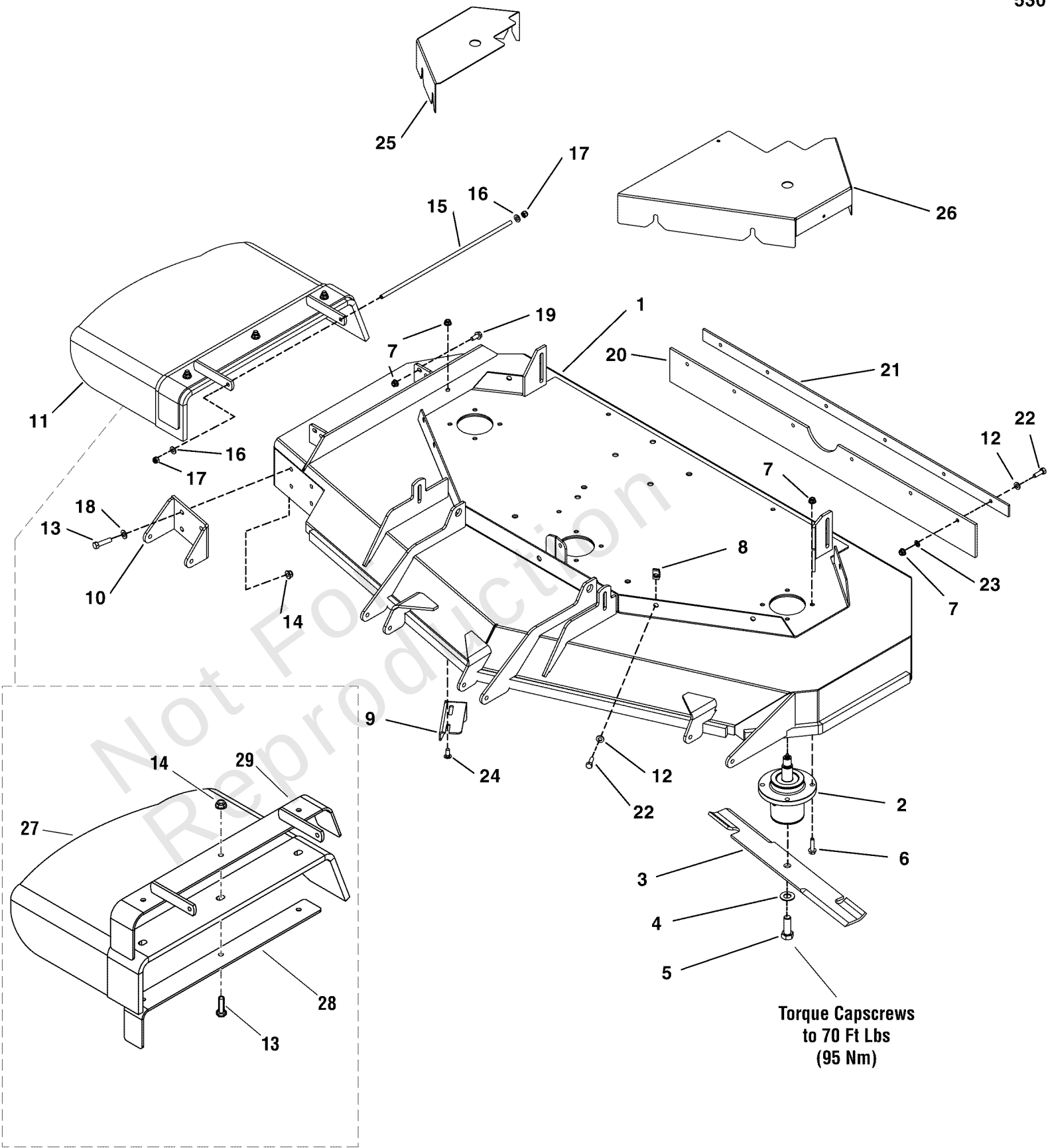
REF NO	PART NO	QTY	DESCRIPTION
1	5025156	2	WASHER, 3/8 SAE
2	5025100	4	NUT, Hex, Side Lock, 3/8-16
3	5046586	2	SPACER, .38 X .50 X 5.06, CZ
4	5025158	4	WASHER, 1/2 SAE
5	5025013X48	2	BOLT, 3/8-16 X 6" GD5 CZ
6	5047027	2	SPACER, .51 X .75 X .56, PM, CZ
7	5104675	2	SPACER, .38 X .50 X 2.50, CZ
8	1714760	6	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY
9	5025013X28	2	BOLT, 3/8-16 X 3-1/2" GD5 CZ

61" Mower Deck - Housing, Covers & Spindles

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5301284B



61" Mower Deck - Housing, Covers & Spindles

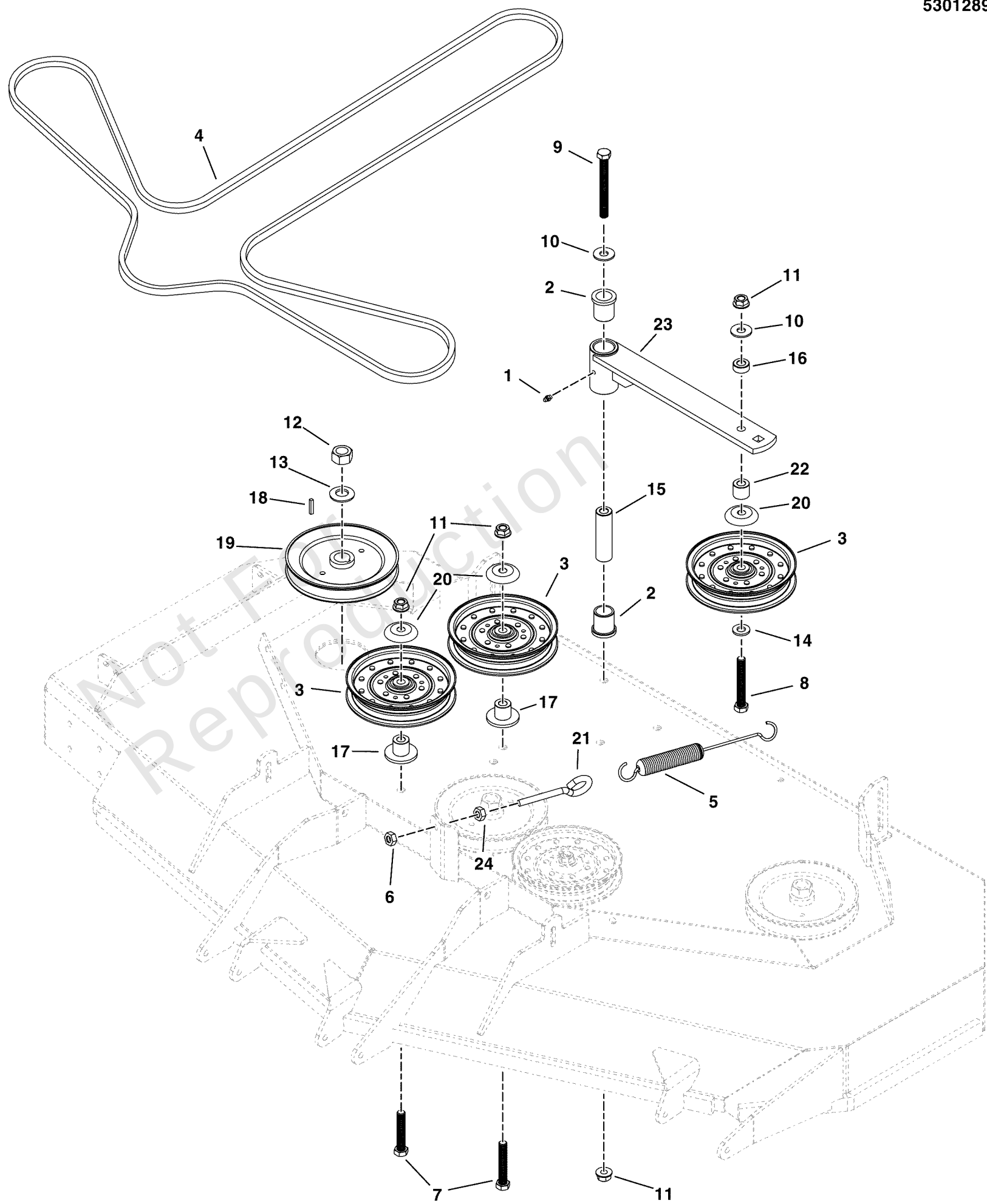
REF NO	PART NO	QTY	DESCRIPTION
1	5600437	1	DECK SHELL W/ DECALS, IS1500ZX 61 -(S/N: 2014350218 & ABOVE)
1	5600295	1	DECK SHELL W/ DECALS, IS1500ZX 61 -(S/N: 2014350217 & BELOW)
2	5061095	3	SPINDLE, ASSM, ALUMINUM - 5.25 -(Nut and Washer Sold Separately)
3	5101755S	1	BLADE SET, 61 DECK (3) -(SV)(Set of 3 blades)
4	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
5	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
6	5023156X12	12	BOLT, 5/16-18 X 1-1/4" FLANGE
7	5025392	21	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
8	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
9	5401344A	1	PLATE, DEFLECTOR - BLK
10	5408810B	1	PLATE, BRACKET, ANTI SCALP, RH - 61 -RED
11	-----	1	PURCHASE INDIVIDUAL REPLACEMENT PARTS
12	5025155	6	WASHER, 5/16" SAE
13	5025013X12	10	BOLT, 3/8-16 X 1-1/2" GD5 CZ
14	5025394	10	NUT, 3/8 - 16 HEX NYLOCK FLANGE
15	5061300	1	ROD, MOUNT, CHUTE, 61, CZ
16	5025155	8	WASHER, 5/16" SAE
17	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
18	5025156	4	WASHER, 3/8 SAE
19	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
20	5102036	1	FLAP, STRIPER, 61 DECK
21	5405322A	1	PLATE, SUPPORT - BLK
22	5025011X8	12	BOLT, 5/16-18 X 1" GRD5 YZ
23	5025498	2	5/16" PUSH-ON NUT RETAINER, STL, CZ
24	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
25	5400791B	1	GUARD, 61", RH - RED
26	5061451B	1	GUARD, 61, LH - RED
27	5404834	1	CHUTE, DISCHARGE, BEND RUBBER (SV)
28	5408018A	1	SUPPORT, DISCHARGE CHUTE, 61/72 - BLK
29	5404716A	1	WELD, FRAME CHUTE, 61 - BLK

61" Mower Deck - Pulleys, Belts & Idler Arm

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Mfg. No: 5900572

5301289B



61" Mower Deck - Pulleys, Belts & Idler Arm

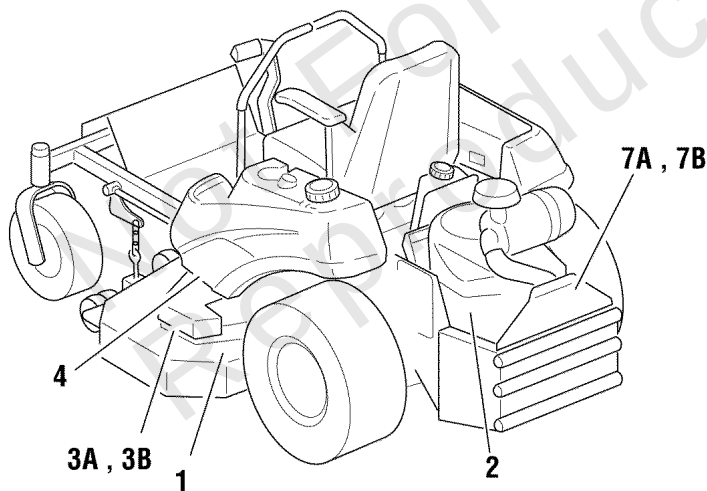
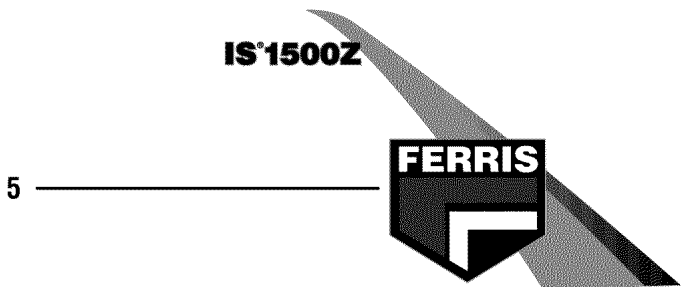
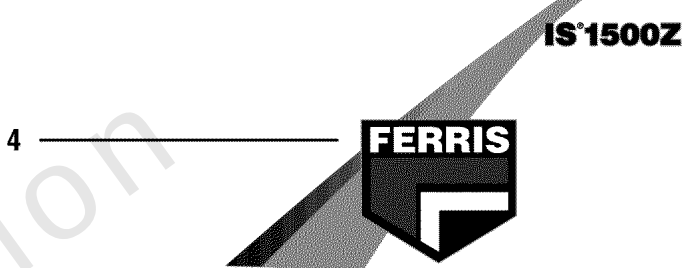
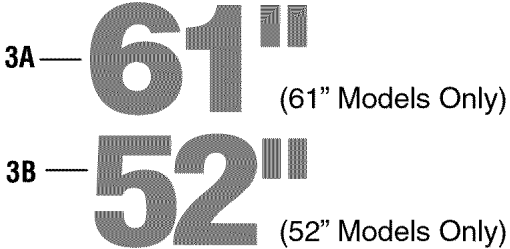
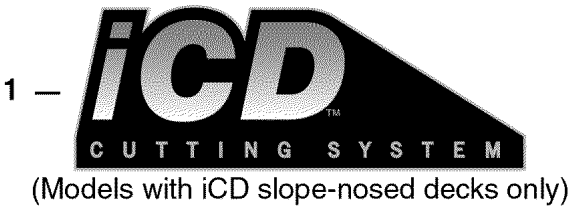
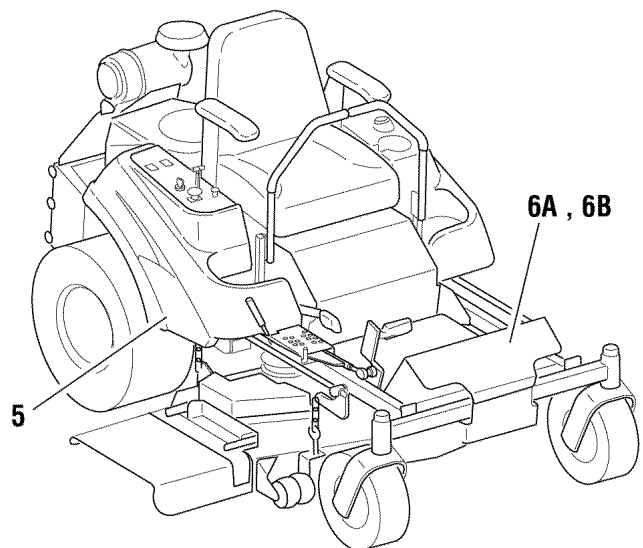
REF NO	PART NO	QTY	DESCRIPTION
1	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
2	5021541	2	BUSHING, FLANGE
3	-----	4	Replace with: Pulley #5104717 & Debris Shield #5105145 -*If not present, order 5025158 - washer and 5101103 - shield.
4	5103871	1	BELT, 5V, 175.90EL, LG ARAMID, WRPD, RC
5	5023340	1	SPRING-EXTENSION, SWIVEL END
6	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
7	5025017X24	3	BOLT, 1/2-13 X 3" GD5 CZ
8	5025017X28	1	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
9	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5
10	5025150	2	WASHER, 1/2 USS
11	5025396	5	NUT, Hex Flange, Nylock, 1/2-13
12	5025405	3	NUT, 3/4-16 HEX
13	5025406	3	WASHER, 3/4 BELLEVILLE
14	5025440	1	WASHER, 1/2 GD9 YZ
15	5045022	1	SPACER, .52 X 1.00 X 3.50
16	5045023	1	SPACER, .52 X 1.00 X .44
17	5103430	3	IDLER MOUNT
18	5050407X10	3	KEY, 1/4 SQ. X 1-1/4
19	5100700	3	PULLEY, 6.93 EOD X 25MM, SPLIT
20	5101103	4	SHIELD, PULLEY BEARING
21	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
22	5044673	1	SPACER, .52 X 1.00 X .88
23	5407343	1	ASSM, IDLER ARM -(Includes Bushings & grease fittings.)
24	5025084	1	NUT, 3/8-16 HEX JAM

Decal Group - Brand & Model

Note: Unless noted otherwise, use the standard torque specifications

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5301283



Decal Group - Brand & Model

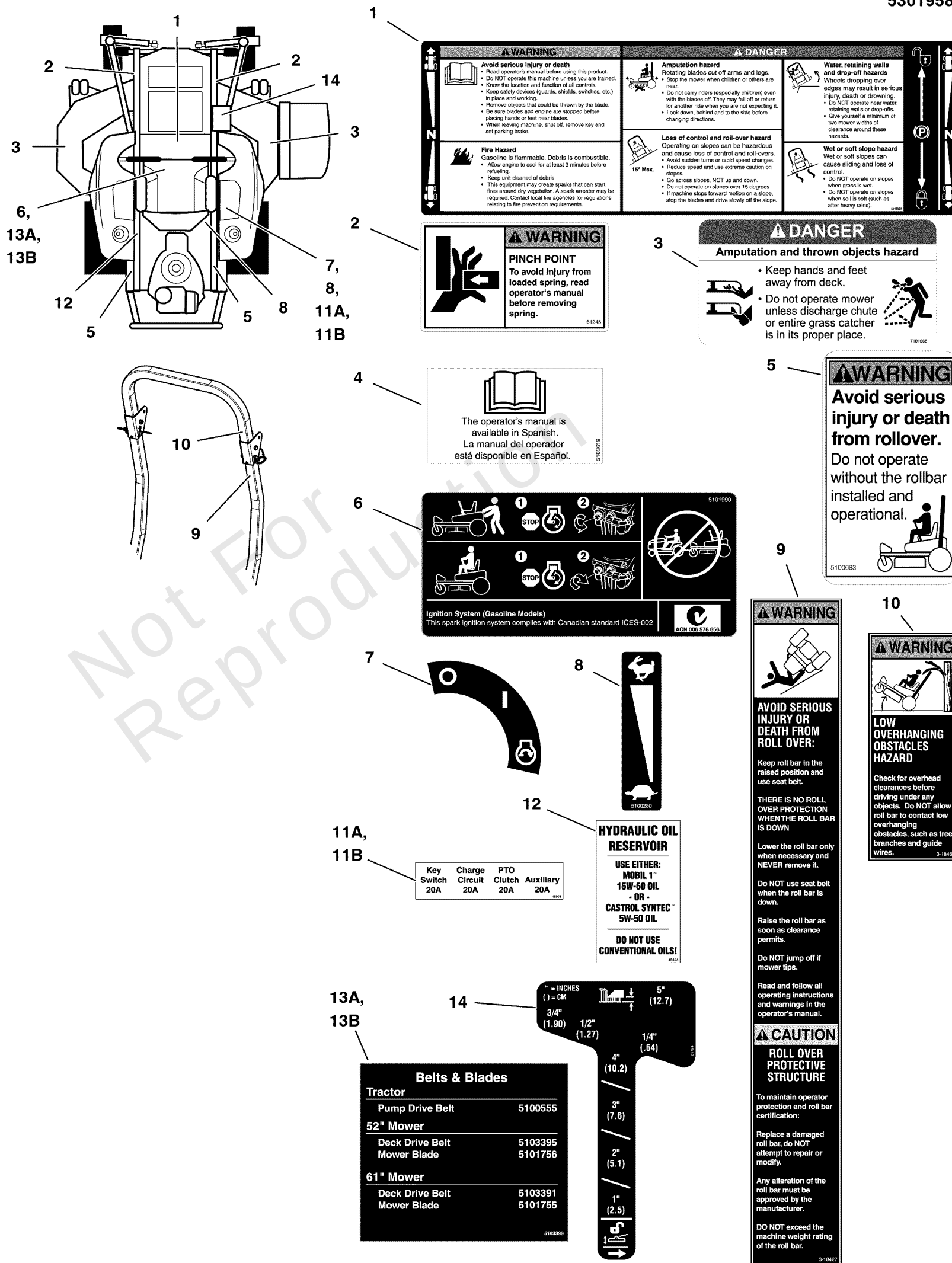
REF NO	PART NO	QTY	DESCRIPTION
1	5102210	1	DECAL, ICD CUTTING SYSTEM
2	-----	1	NO LONGER AVAILABLE - LABEL, BRIGGS & STRATTON LOGO
3a	5022813	1	DECAL, 61 -(61" Models)
3b	5022812	1	DECAL, 52 -(52" Models)
4	5061814	1	DECAL, BADGE, LH - IS1500
5	5061815	1	DECAL, BADGE, RH - IS1500
6a	5101415	1	DECAL, IS1500ZX, FRONT - BIG BLOCK -(Briggs & Stratton Vanguard Models Only)
6b	5102366	1	USE 5100344 - DECAL, IS1500ZX, FRONT
7a	5101416	1	DECAL, IS1500ZX, BACK - BIG BLOCK -(Briggs & Stratton Vanguard Models Only)
7b	5102367	1	USE 5103799 - DECAL, IS1500ZX, BACK

Decal Group - Safety & Operation

Note: Unless noted otherwise, use the standard torque specifications

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Decal Group - Safety & Operation

REF NO	PART NO	QTY	DESCRIPTION
1	5103595	1	DECAL, MAIN SAFETY
2	5061245	1	DECAL, PINCH POINT -(Qty: 2 - 61" Models)
3	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
4	5103619	1	DECAL, MANUAL AVAIL IN SPANISH
5	5100683	2	DECAL, WARNING, ROLL BAR
6	5101990	1	*DECAL, CZT HYRDO RELEASE
7	5048970	1	DECAL, IGNITION SWITCH
8	5100280	1	DECAL, THROTTLE CONTROL
9	-----	1	ORDER PART NUMBERS 5104082 & 5104083 -(SV)
10	5100405	1	DECAL, WARNING OVERHANG, ROPS -(SV)
11A	5102891	1	DECAL, FUSE LOCATION, 20-20-20 -(S/N: 2014600769 & Above)
11B	5046503	1	DECAL, FUSE LOCATION -(S/N: 2014600768 & Below)
12	5048454	1	DECAL, OIL RESEVOIR
13A	5103399	1	*DECAL, BELT & BLADE, IS2000Z iCD -(52" Models)
13B	5103398	1	*DECAL, BELT AND BLADE, IS1500ZX, 61 -(61" Models)
14	5061724	1	DECAL-HEIGHT CITATION

Footnotes:

(Located Under Seat Plate)

Deck Lift Group (61" Models)

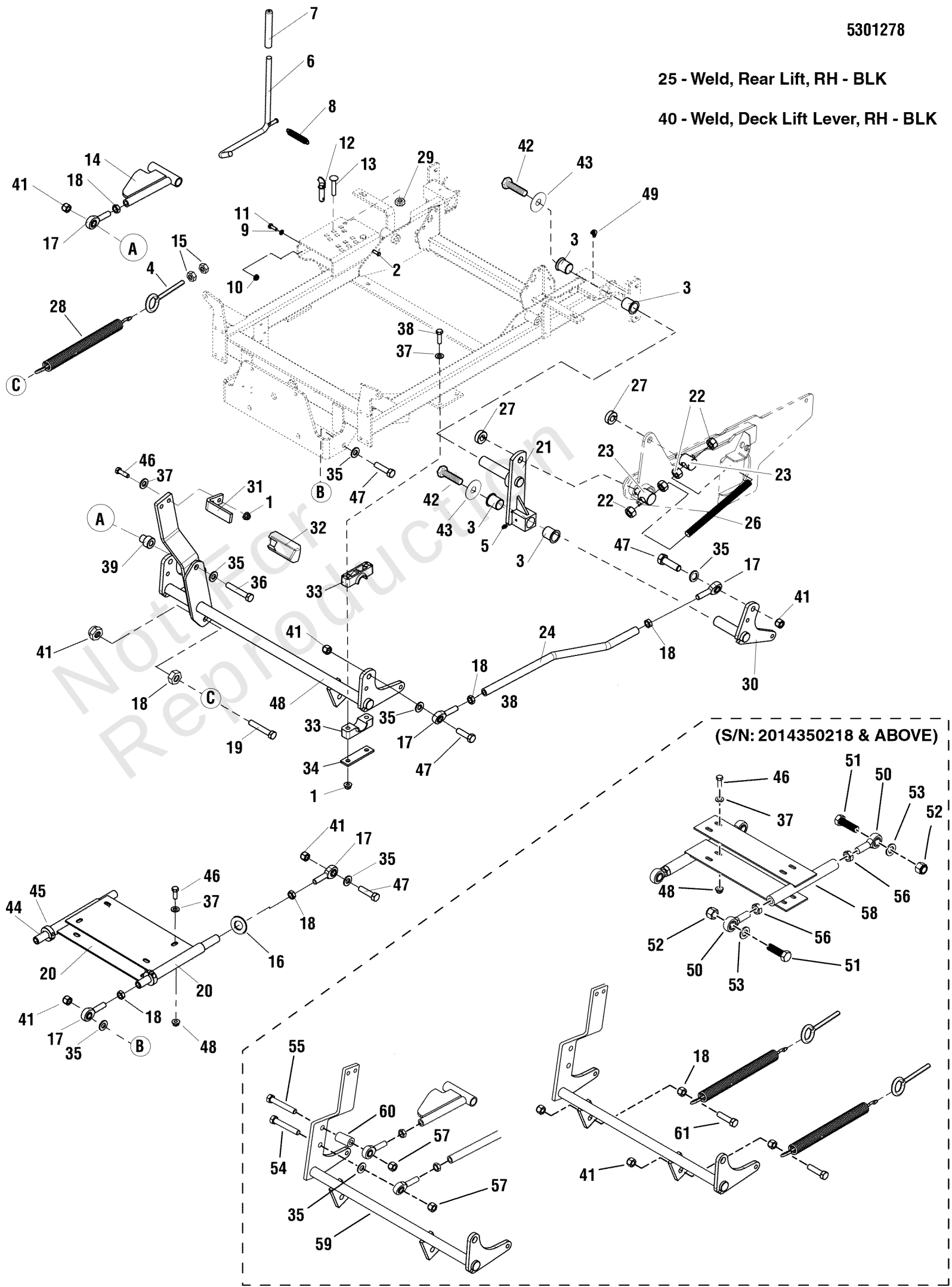
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5301278

25 - Weld, Rear Lift, RH - BLK

40 - Weld, Deck Lift Lever, RH - BLK



Deck Lift Group (61" Models)

REF NO	PART NO	QTY	DESCRIPTION
1	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
2	5025212X4	1	CLEVIS PIN, 1/4 X 1/2, YZ
3	5023343	8	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
4	5021812	2	EYE BOLT, 3/8-16 X 4-1/4, 1 EYE
5	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
6	5400719A	1	WELD, ROD DECK LIFT - BLK
7	5021880	1	GRIP, FOAM
8	5020639	1	SPRING, EXTENSION
9	5025154	2	WASHER, 1/4 SAE
10	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
11	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
12	5023498	1	PIN, HITCH, 1/2 X 2.00 OAL, YP
13	5025146X16	1	BOLT, 3/8-16 X 2, CARRIAGE
14	5400769B	1	WELD, DECK ADJUST LINK - RED
15	5025034	4	NUT, 3/8-16 HEX
16	5025158	2	WASHER, 1/2 SAE -(S/N: 2014350217 & BELOW)
17	5022434	9	BALL JOINT, 1/2-20, MALE -(S/N: 2014350218 & ABOVE USE QTY. 5)
18	5025089	11	NUT, 1/2-20 HEX JAM -(S/N: 2014350218 & ABOVE USE QTY. 9)
19	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 CZ
20	5400647A	2	WELD, DECK STABILIZER - BLK -(S/N: 2014350217 & BELOW)
21	5401664A	1	WELD, REAR LIFT, LH - BLK
22	5025040	8	NUT, 5/8-11 HEX
23	5045447	4	PIVOT, SPRING ROD
24	5100149	2	ROD, DECK LIFT BENT
25	5401665A	1	WELD, REAR LIFT, RH - BLK -(NOT SHOWN)
26	5100247	2	ROD, 5/8-11 X 9.00
27	5020441	4	COLLAR, 5/8 SPLIT
28	5023355	2	SPRING, DECK LIFT ASSIST
29	5025100	1	NUT, 3/8-16 HEX SIDE LOCK
30	5401671A	1	WELD, DECK LIFT LEVER, LH - BLK
31	5061569A	1	PEDAL, FOOT - BLK
32	5104262	1	PEDAL, Rubber
33	5100634	4	PIVOT BLOCK, PLASTIC
34	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
35	5025440	11	WASHER, 1/2 GD9 YZ -(S/N: 2014350218 & ABOVE USE QTY. 5)
36	5025017X28	4	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
37	5025156	8	WASHER, 3/8 SAE
38	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ
39	5047103	1	ADAPTER, CASTER AXLE, CZ -(S/N: 2014350217 & BELOW)(2 per tire)
40	5401672A	1	WELD, DECK LIFT LEVER, RH - BLK -(NOT SHOWN)
41	5025098	9	NUT, Hex, Nylon Lock, 1/2-20 -(S/N: 2014350218 & ABOVE USE QTY. 7)
42	5025443	4	BOLT, 3/8-16 X 3/4, PLT W/PATCH
43	5100548	4	WASHER, .390 X 1.50 X .109, YZ
44	5049868	2	SHAFT, DECK STABILIZER -(S/N: 2014350217 & BELOW)

Deck Lift Group (61" Models)

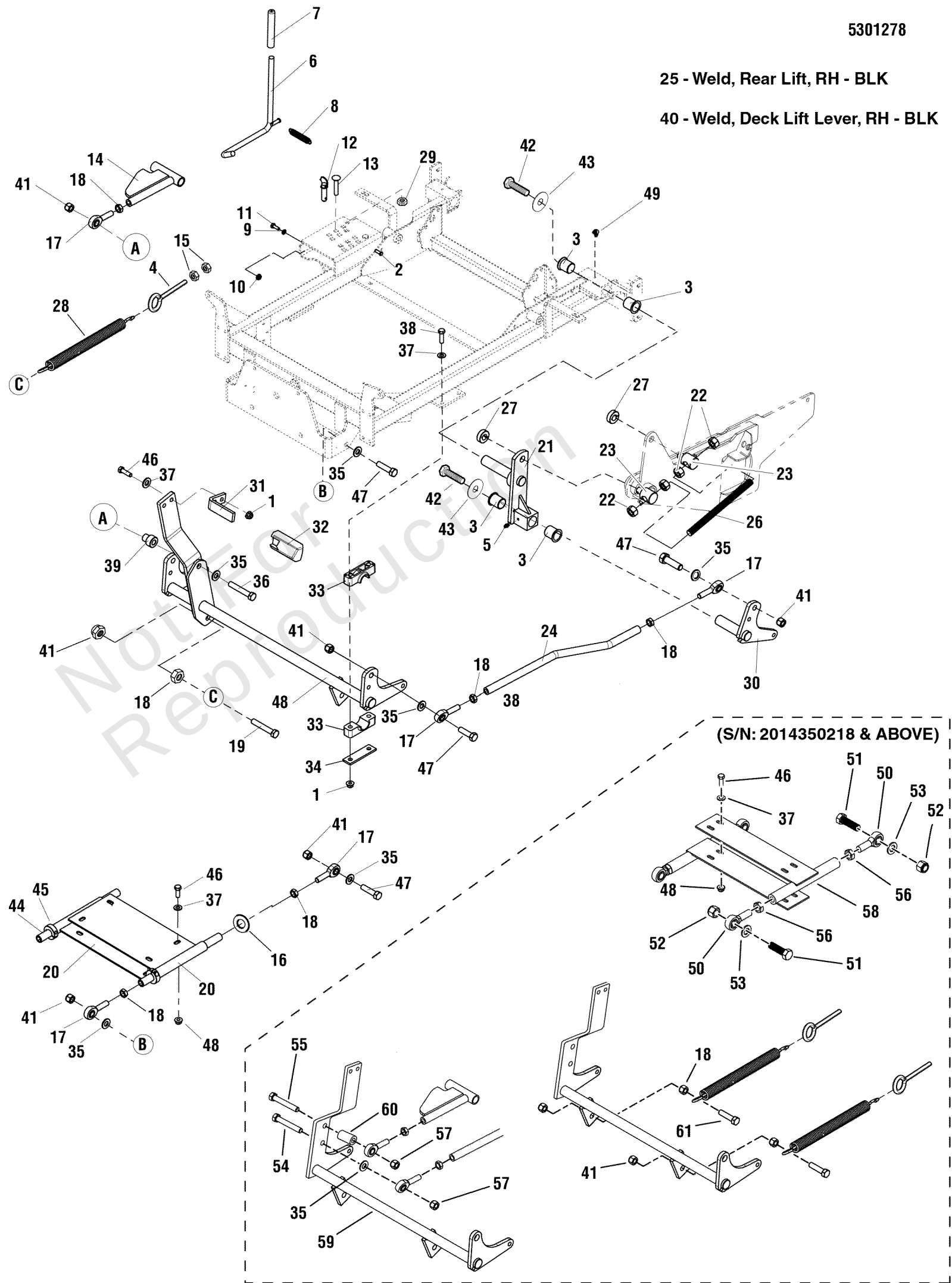
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5301278

25 - Weld, Rear Lift, RH - BLK

40 - Weld, Deck Lift Lever, RH - BLK



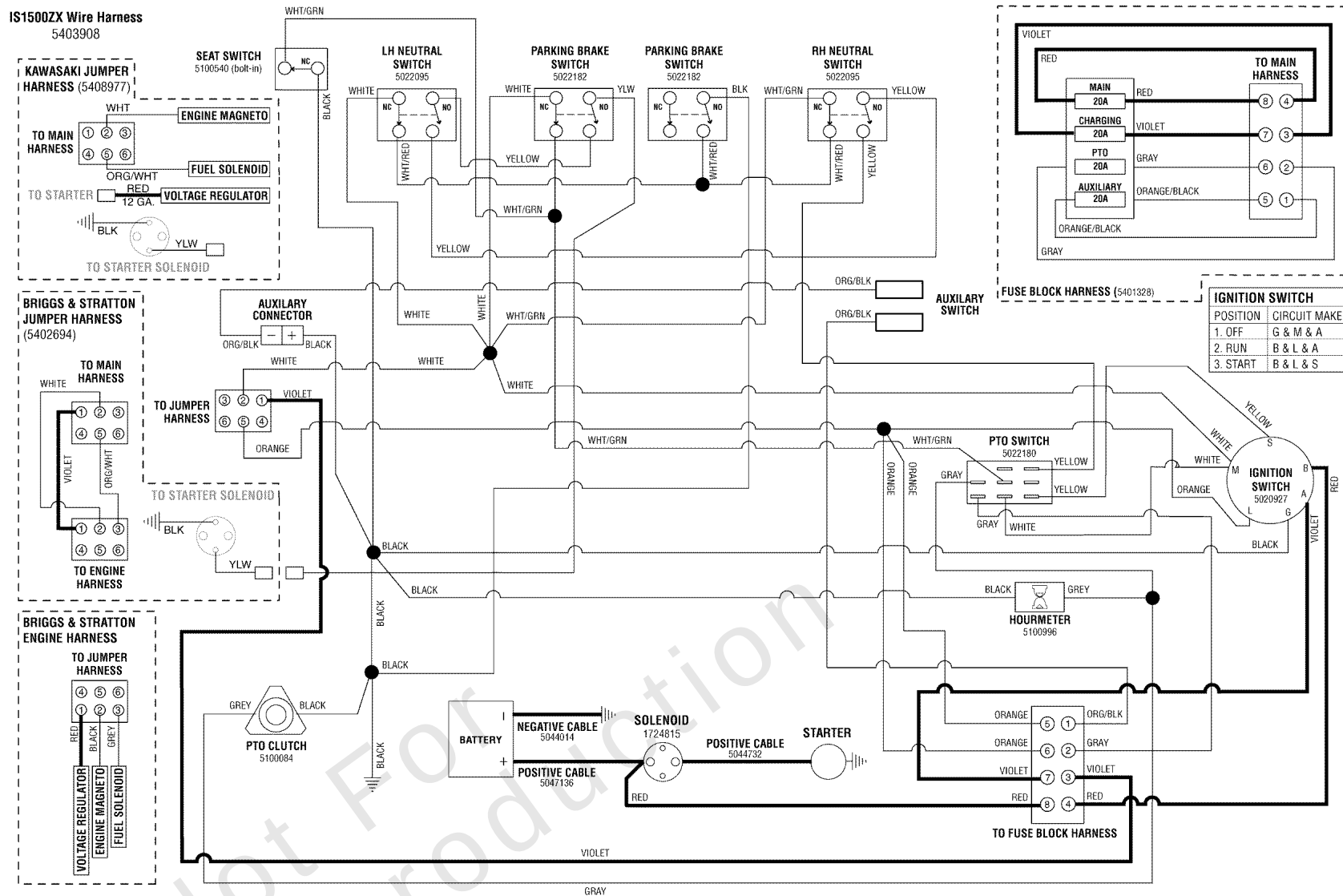
Deck Lift Group (61" Models)

REF NO	PART NO	QTY	DESCRIPTION
45	5010114	2	COLLAR, 3/4 SPLIT -(S/N: 2014350217 & BELOW)
46	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
47	5025018X14	8	BOLT, 1/2-20 X 1-3/4" GD8 CZ -(S/N: 2014350218 & ABOVE USE QTY. 4)
48	5403949B	1	WELD, DECK LIFT SHAFT - RED -(S/N: 2014350217 & BELOW)
49	5025447	2	GREASE FITTING, 1/4-28, 90 DEGREE
50	5022039	4	BALL JOINT, 3/4-16, MALE -(S/N: 2014350218 & ABOVE)
51	5025265X20	4	BOLT, 3/4-16 X 2-1/2 YZ GD5 -(S/N: 2014350218 & ABOVE)
52	5025284	4	NUT, 3/4-16 HEX NYLON LOCK -(S/N: 2014350218 & ABOVE)
53	5025160	8	WASHER, 3/4 SAE -(S/N: 2014350218 & ABOVE)
54	5025017X28	1	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV) -(S/N: 2014350218 & ABOVE)
55	5025017X32	1	BOLT, 1/2-13 X 4" GD5 CZ -(S/N: 2014350218 & ABOVE)
56	5025093	4	NUT, 3/4-16 HEX JAM -(S/N: 2014350218 & ABOVE)
57	5025332	2	NUT, 1/2-13 HEX SIDE LOCK -(S/N: 2014350218 & ABOVE)
58	5407033A	2	WELD, DECK STABILIZER, IS1500ZX - BLK -(S/N: 2014350218 & ABOVE)
59	5406927B	1	WELD, DECK LIFT SHAFT - RED -(S/N: 2014350218 & ABOVE)
60	5045176	1	SPACER, .52 X 1.00 X 1.75 -(S/N: 2014350218 & ABOVE)
61	5025017X16	2	BOLT, 1/2-13 X 2" GD5 CZ -(S/N: 2014350218 & ABOVE)

Electrical Schematic - Charging Circuit

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572



Electrical Schematic - Charging Circuit

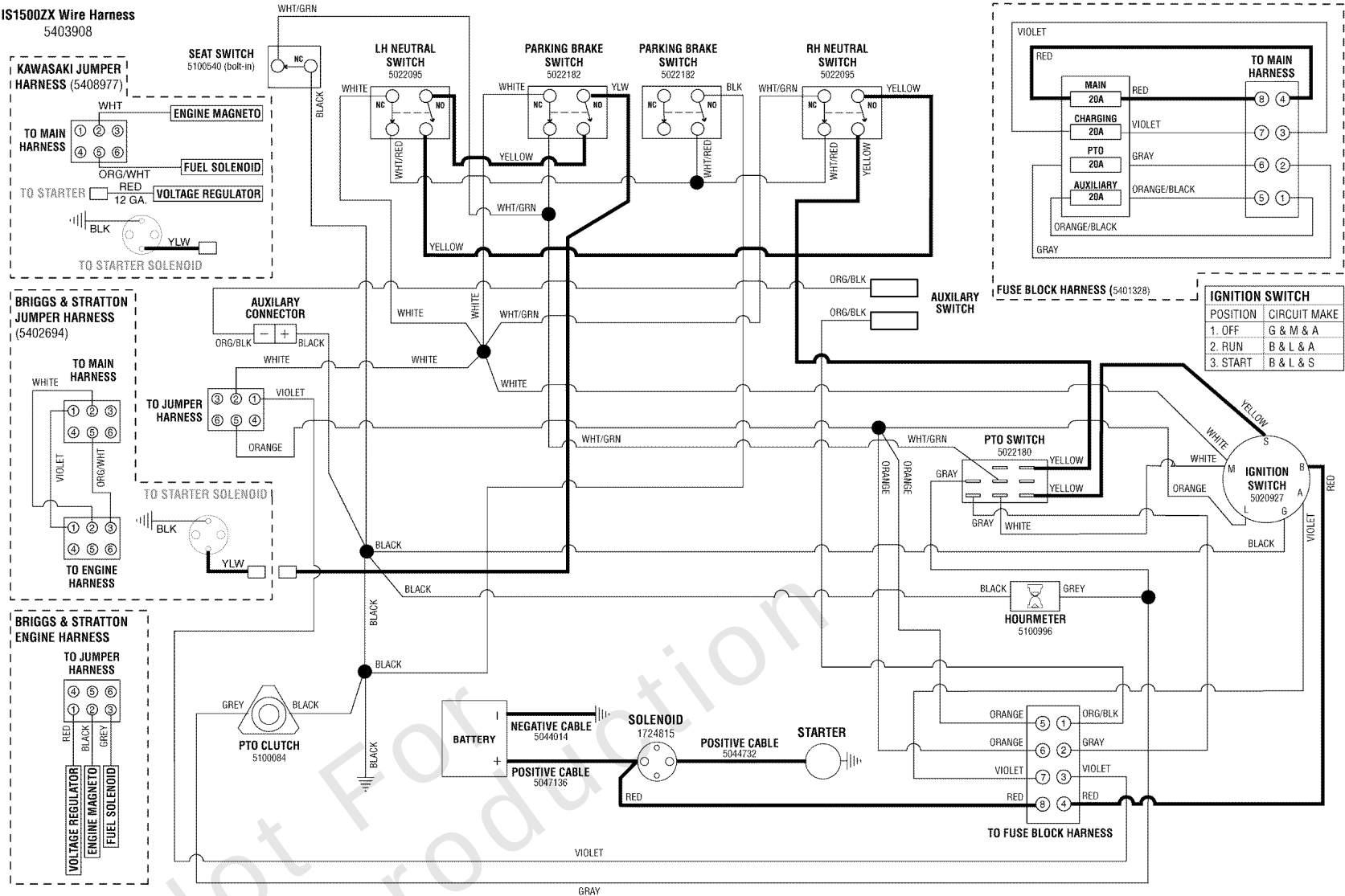
REF NO	PART NO	QTY	DESCRIPTION
5403908	5403908	1	WIRE HARNESS, MAIN, IS1500ZX
5408977	5408977	1	WIRE HARNESS, JUMPER KAW FS -(Kawasaki Models Only)
5402694	5402694	1	WIRE HARNESS, BRIGGS JUMPER - COMMERCIAL TURF -(Briggs & Stratton Models Only)

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Electrical Schematic - Cranking Circuit

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Electrical Schematic - Cranking Circuit

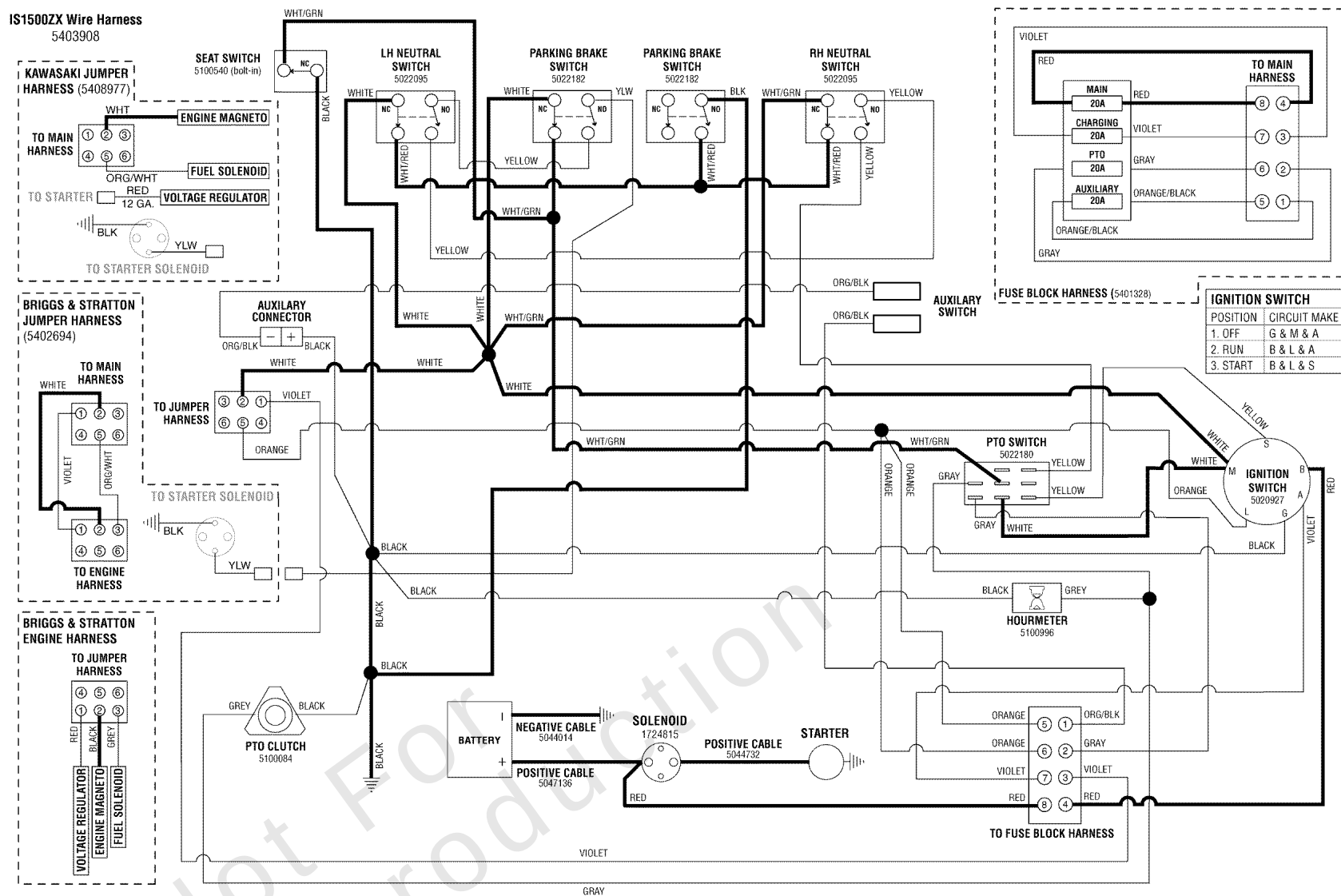
REF NO	PART NO	QTY	DESCRIPTION
5403908	5403908	1	WIRE HARNESS, MAIN, IS1500ZX
5408977	5408977	1	WIRE HARNESS, JUMPER KAW FS -(Kawasaki Models Only)
5402694	5402694	1	WIRE HARNESS, BRIGGS JUMPER - COMMERCIAL TURF -(Briggs & Stratton Models Only)

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Electrical Schematic - Ignition Grounding Circuit/Operator Presence

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Electrical Schematic - Ignition Grounding Circuit/Operator Presence

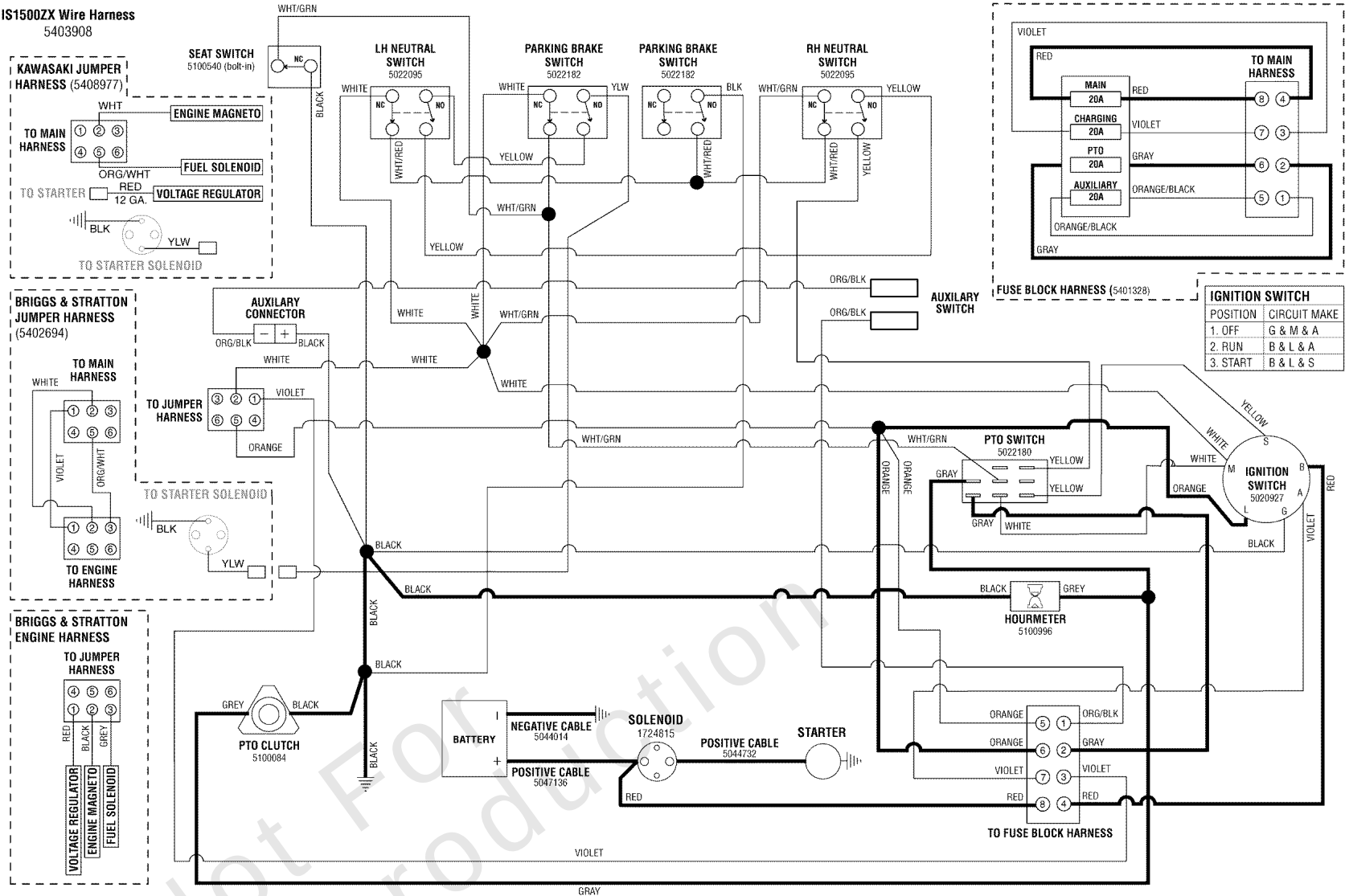
REF NO	PART NO	QTY	DESCRIPTION
5403908	5403908	1	WIRE HARNESS, MAIN, IS1500ZX
5408977	5408977	1	WIRE HARNESS, JUMPER KAW FS -(Kawasaki Models Only)
5402694	5402694	1	WIRE HARNESS, BRIGGS JUMPER - COMMERCIAL TURF -(Briggs & Stratton Models Only)

Not For Reproduction

Electrical Schematic - PTO Clutch Circuit

Note: Unless noted otherwise, use the standard torque specifications

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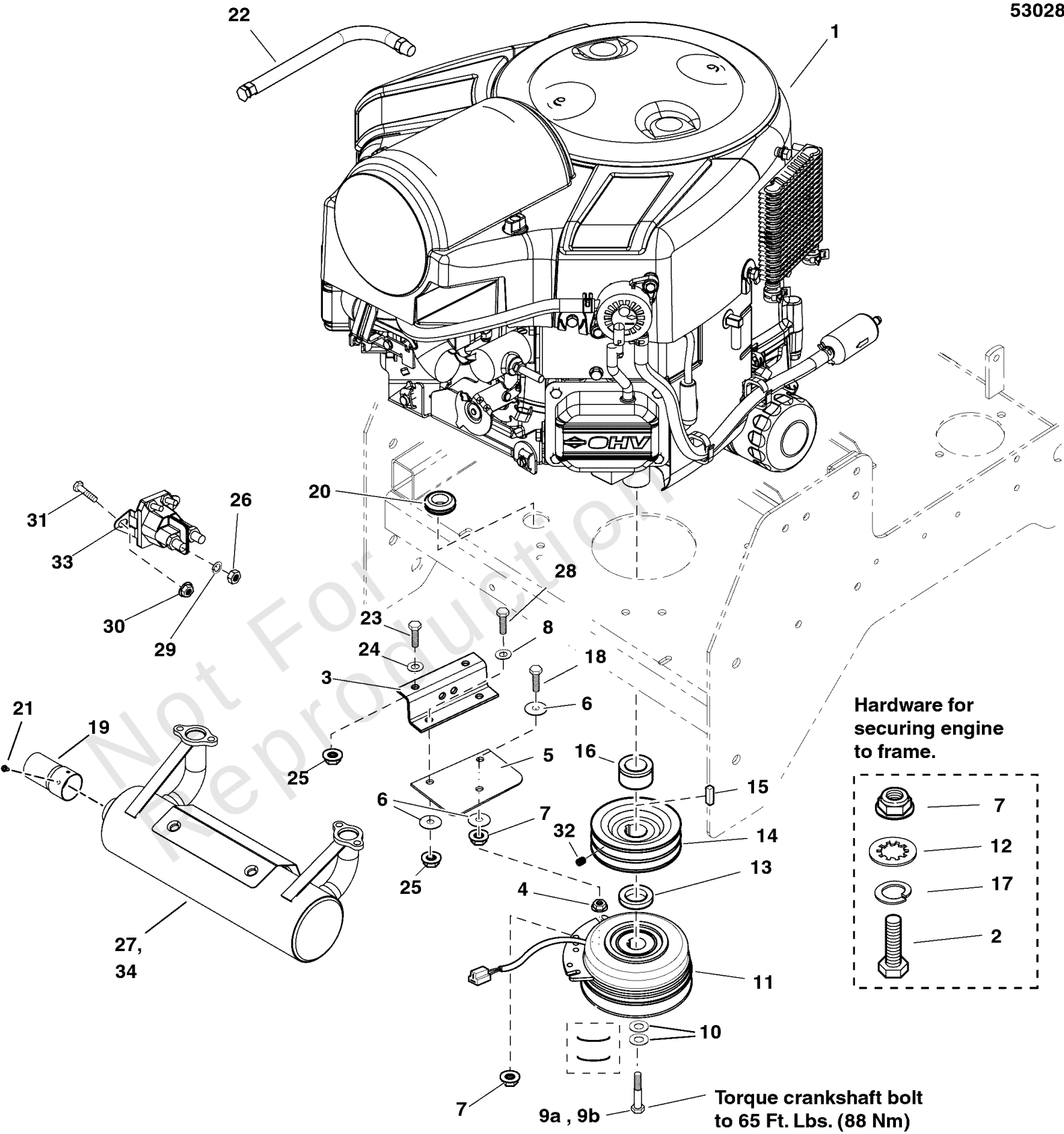


Electrical Schematic - PTO Clutch Circuit

REF NO	PART NO	QTY	DESCRIPTION
5403908	5403908	1	WIRE HARNESS, MAIN, IS1500ZX
5408977	5408977	1	WIRE HARNESS, JUMPER KAW FS -(Kawasaki Models Only)
5402694	5402694	1	WIRE HARNESS, BRIGGS JUMPER - COMMERCIAL TURF -(Briggs & Stratton Models Only)

Not For Reproduction

5302892



Engine & PTO Group - Briggs & Stratton - Commercial Turf

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	ENGINE, BRIGGS AND STRATTON
2	5025011X14	4	BOLT, 5/16-18 X 1-3/4 GD5 YZ
3	5046416A	1	ANCHOR, CLUTCH - BLK
4	5025139	3	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
5	5043636	1	CLUTCH ANCHOR PAD
6	5044617	4	WASHER, .34 X 1.25 X 10 GA
7	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5025155	2	WASHER, 5/16" SAE
9a	5102865	1	BOLT, CRANKSHAFT, 7/16-20 X 2-3/4, GD8 -(S/N: 2015745414 & Above)
9b	5102864	1	BOLT, CRANKSHAFT, 7/16X2-1/2 -(S/N: 2015745413 & Below)
10	5025585	2	BELLEVILLE WASHER 1.1875 X .442 X .089 -(S/N: 2015745414 & Above)
11	5105090	1	* CLUTCH, 5218-134, WARNER
12	5025188	4	WASHER, 5/16 INT. TOOTH LOCK
13	5044062	1	SPACER, 1.13 X 1.75 X .50
14	5047075	1	PULLEY, CRANKSHAFT, 1.126 ID X 4.75 OD
15	5050407X8	1	KEY, 1/4 SQ X 1
16	5103626	1	SPACER, 1.13 X 1.75 X 1.09, PM
17	5025170	4	WASHER, 5/16 LOCK CZ
18	5025055X20	1	BOLT, 5/16-18 X 2-1/2 TFL, GD5 YZ
19	5104348	1	EXTENSION, TAILPIPE, 3" - BLACK
20	5021379	1	GROMMET, 7/8
21	5025470	2	SCREW, SELF TAPPING #
22	1726498	1	HOSE-OIL DRAIN .375ID 16.5L
23	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
24	5025156	2	WASHER, 3/8 SAE
25	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
26	5023216	2	NUT, Hex Jam, 5/16-24
27	5100907	1	MUFFLER, B&S-ELS -(S/N: 2016294925 & Below)
28	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
29	5023217	2	WASHER, Light Lock, 5/16
30	5025126	3	NUT, 1/4-20 HEX SERR. FLANGE
31	5025010X6	3	BOLT, 1/4-20 X 3/4 GD5 YZ
32	5025531	1	SET SCREW, 5/16-18 X 3/8, KNUURL, W/PATCH
33	1724815	1	SOLENOID-4 POLE 12 VOLT DC (TROMBETTA)
34	593249	1	MUFFLER, RIGHT OUTLET ASSY -(S/N: 2016294926 & Above)

Footnotes:

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

0001BSCT

Fits Briggs & Stratton Commercial Turf Engine Model Numbers:

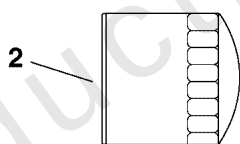
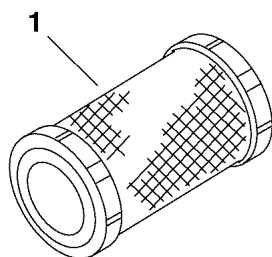
44P977

44T877

49L977

49T877

49M977



Engine Service Parts - Briggs & Stratton Commercial Turf

REF NO	PART NO	QTY	DESCRIPTION
1	798897	1	FILTER-AIR CLEANER CA (794935) -(SV)
2	795890	1	FILTER-OIL (695396) -(SV)

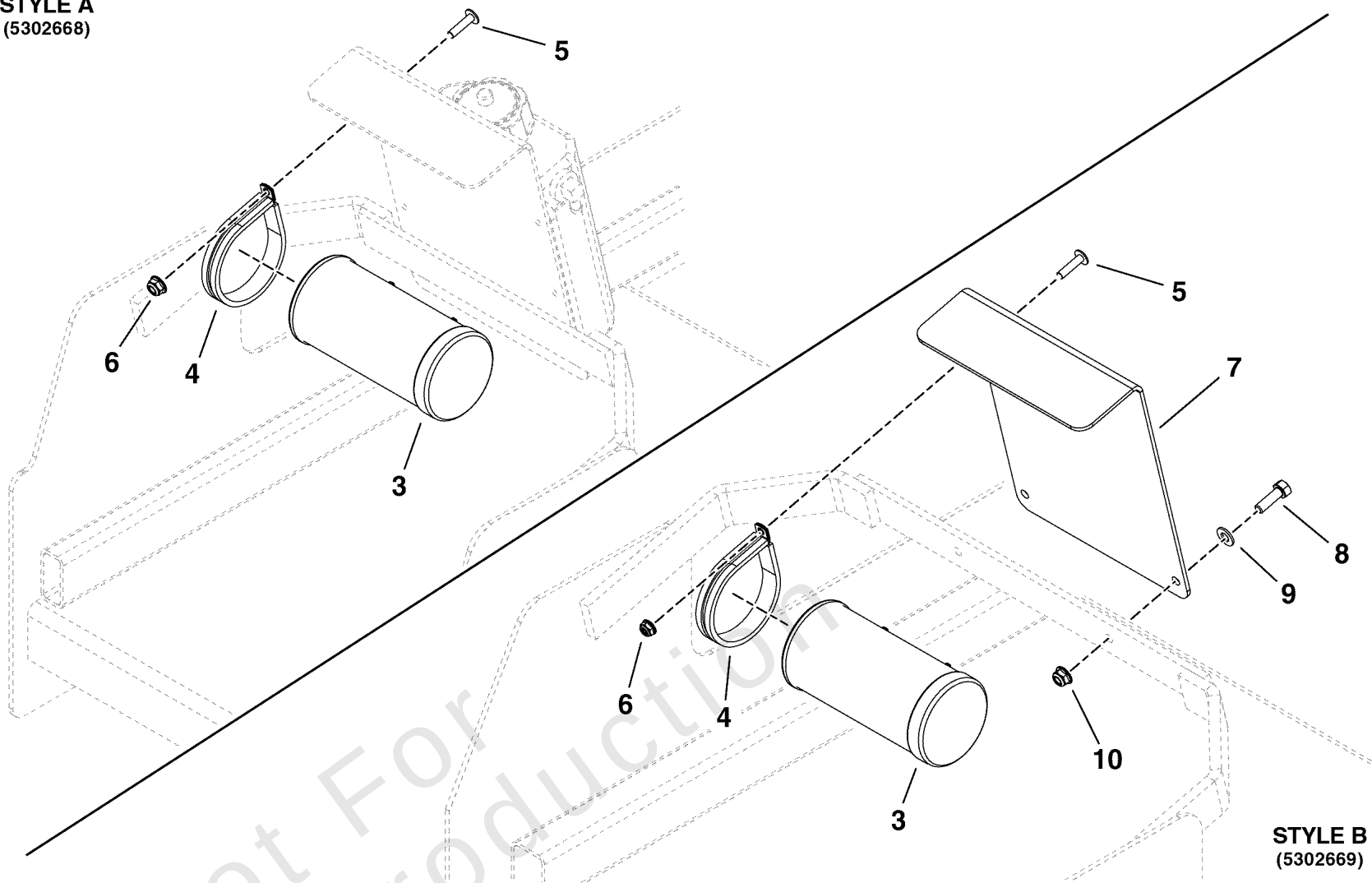
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Evap Canister Group

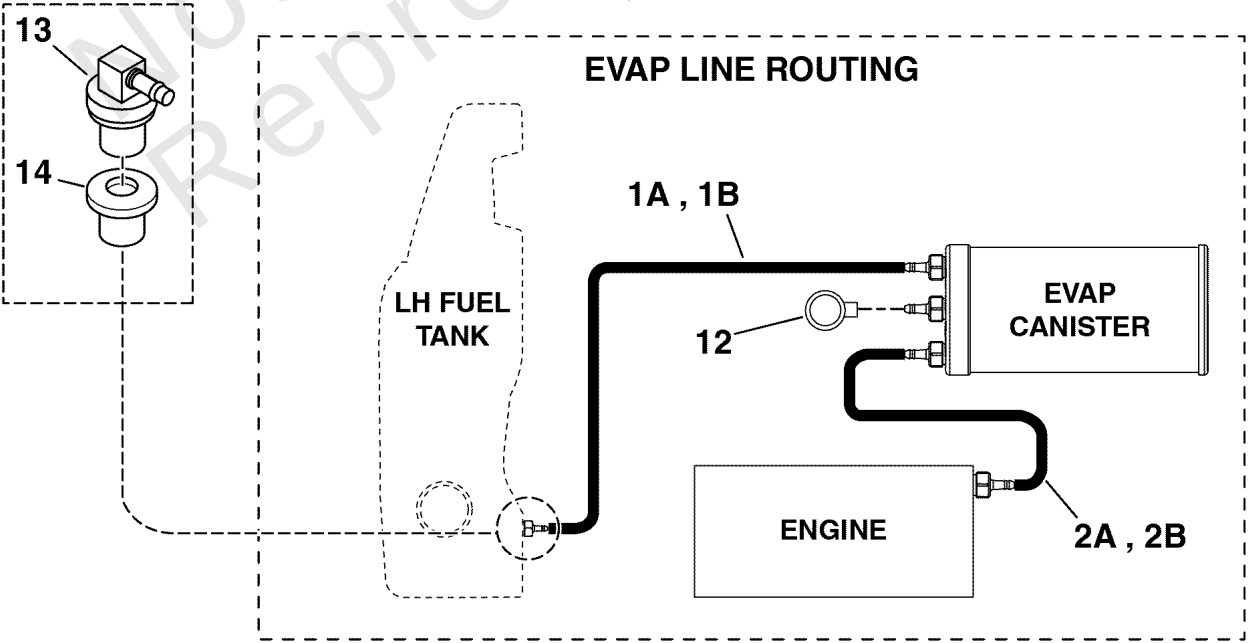
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

STYLE A
(5302668)



STYLE B
(5302669)



Evap Canister Group

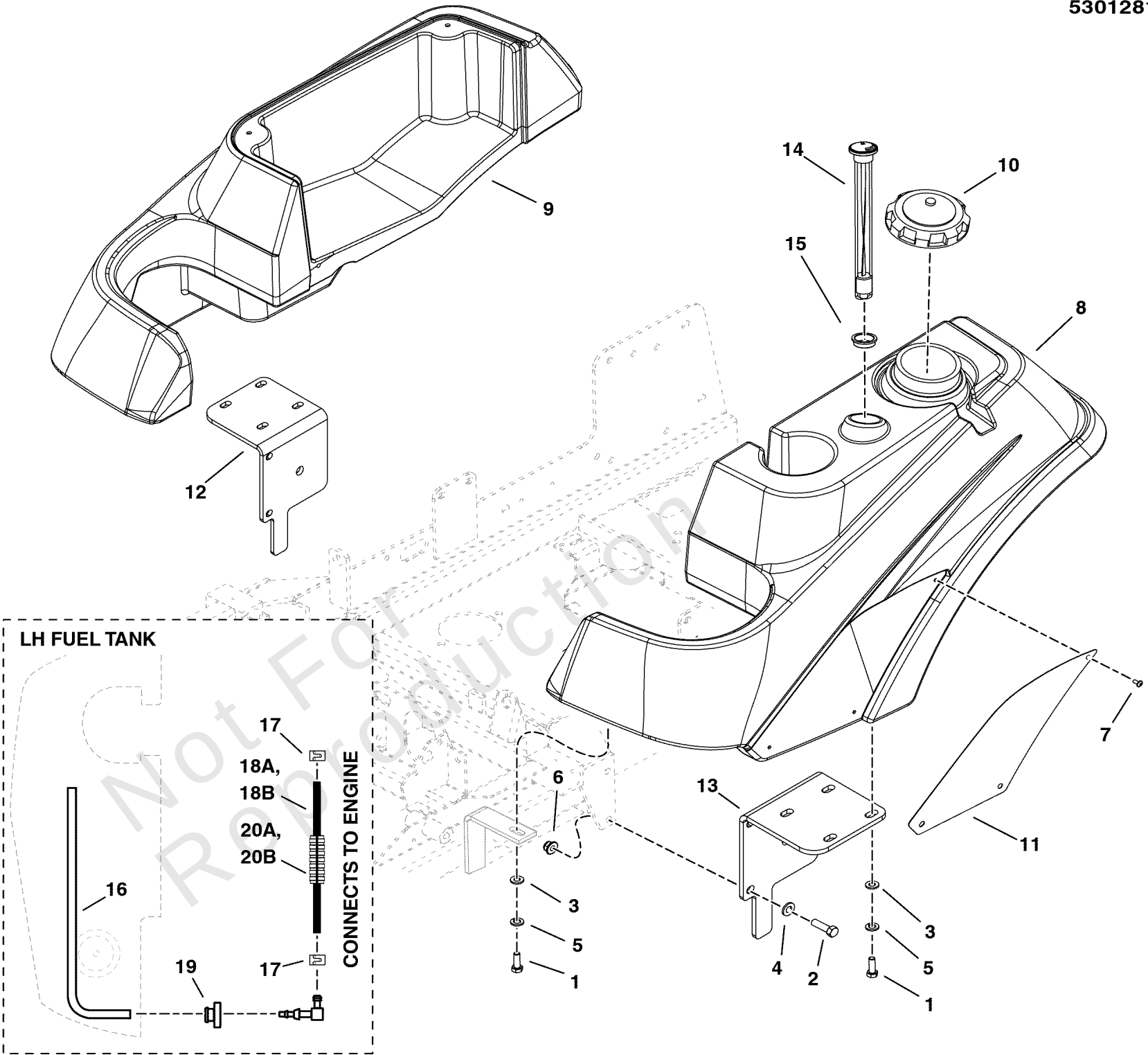
REF NO	PART NO	QTY	DESCRIPTION
1a	7700552X24P5	1	HOSE, VAPOR, 5MM ID, 24.50 LG -(Style A Setup)
1b	7700552X27	1	HOSE, VAPOR, 5MM ID, 27.00 LG -(Style B Setup)
2a	7700552X26	1	HOSE, VAPOR, 5MM ID, 26.00 LG -(Style A Setup)
2b	7700552X30	1	HOSE, VAPOR, 5MM ID, 30.00 LG -(Style B Setup)
3	313036	1	CNSTR, CARB, 6 GAL
4	5103055	2	CLAMP, 3" ID, CUSHIONED, STAINLESS
5	5025299X6	2	USE 5106757 - SCREW,1/4-20X3/4, ZINC
6	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
7	5408210A	1	PLATE, CARB CANISTER MOUNT, IS1500 - BLK
8	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
9	5025155	2	WASHER, 5/16" SAE
10	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
11	-----	1	DECAL, EPA CERT, ZTRS -(Located on frame near Serial Tag)
12	1752800	1	DUST FILTER, CANISTER (SV)
13	770046	1	REMOTE VENT ASSEMBLY -(SV)
14	209043	1	GROMMET -(SV)

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5301281



Fuel Tank & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025011X8	8	BOLT, 5/16-18 X 1" GRD5 YZ
2	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
3	5025155	8	WASHER, 5/16" SAE
4	5025156	4	WASHER, 3/8 SAE
5	5025170	8	WASHER, 5/16 LOCK CZ
6	5025394	4	NUT, 3/8 - 16 HEX NYLOCK FLANGE
7	5025386	8	SCREW, Allen Head, #10-24 x 3/8"
8	5103176	1	TANK, FUEL - LH, IS500 & IS1500
9	5049948	1	TANK, FENDER, CITATION/ZT4000 - RH
10	5103005	1	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12"
11	5400250B	2	PLATE, BADGE - IS1500 - RED
12	5403942A	1	WELD, TANK MOUNT - BLK
13	5403943A	1	WELD, TANK MOUNT - LH - BLK
14	5022917	1	GAUGE, FUEL, 12 -(SV)
15	5022917X1	1	GROMMET, FUEL GAUGE (SV) -(SV)
16	5101149	1	PICKUP TUBE ASM, FUEL TANK, 22" -(SV)
17	93807	2	CLAMP, Hose
18A	5050831X8	1	1/4" Fuel Line, 8" Long -(Domestic Models)
18B	5050831X14	1	1/4" Fuel Line, 14" Long -(Export Models)
19	1726400	1	BUSHING-FUEL TANK RED RUBBER -(SV)
20A	5050833X5	1	WIRE LOOM, 1/2 ID X 5 IN -(Domestic Models)
20B	5050833X11	1	WIRE LOOM, 1/2 ID, 11.00 LONG -(Export Models)

Hydraulic Components Service Group

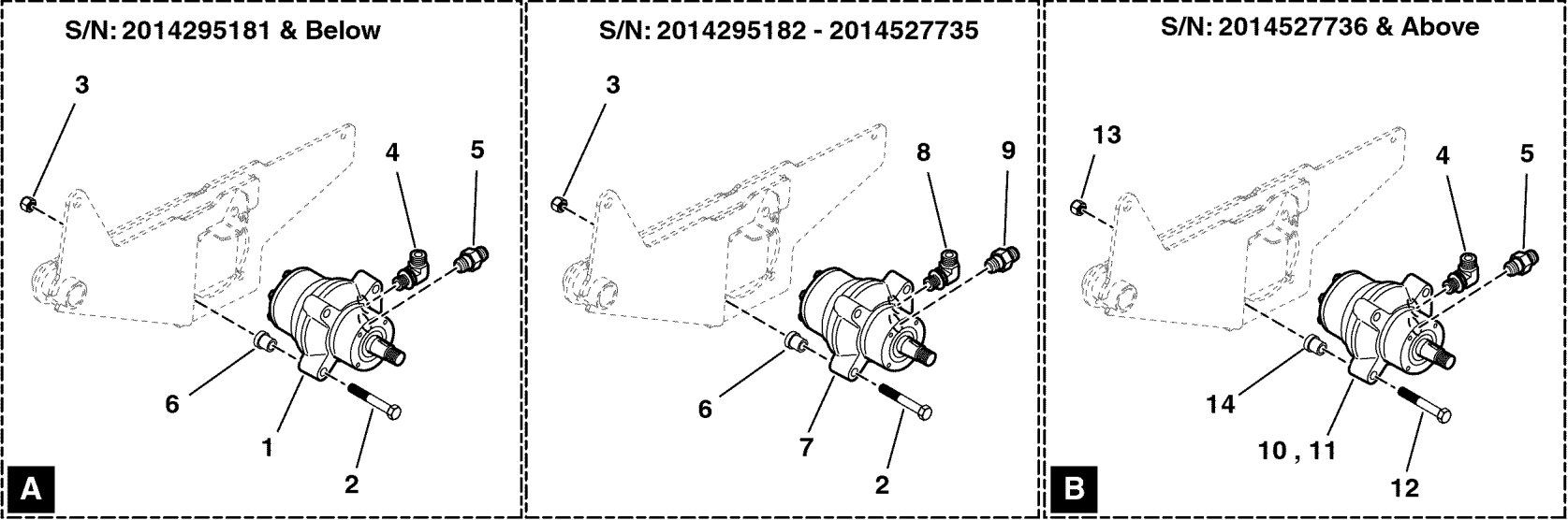
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

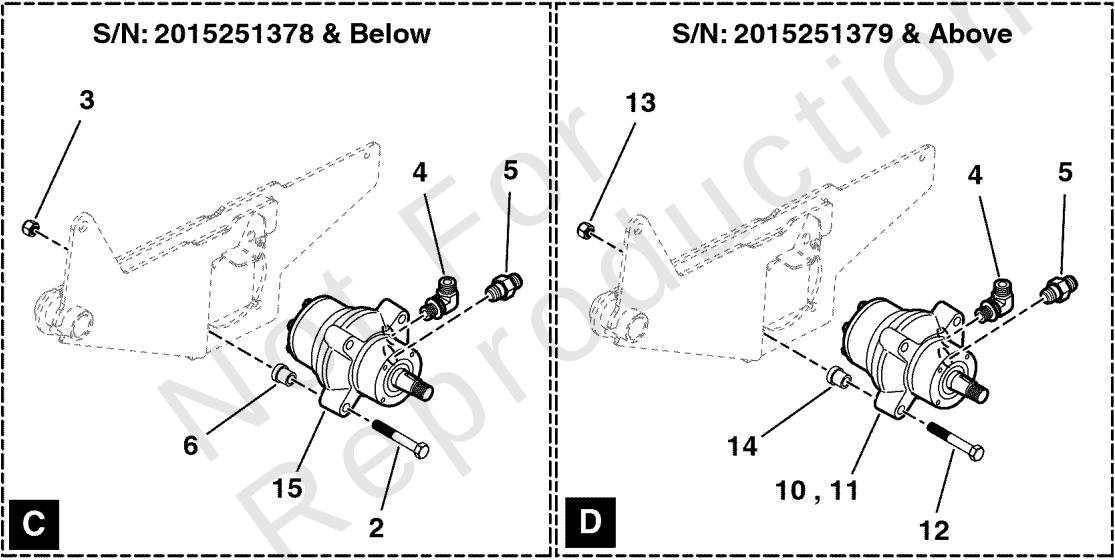
Hydraulic Component Service Group

5301275C

52" Models



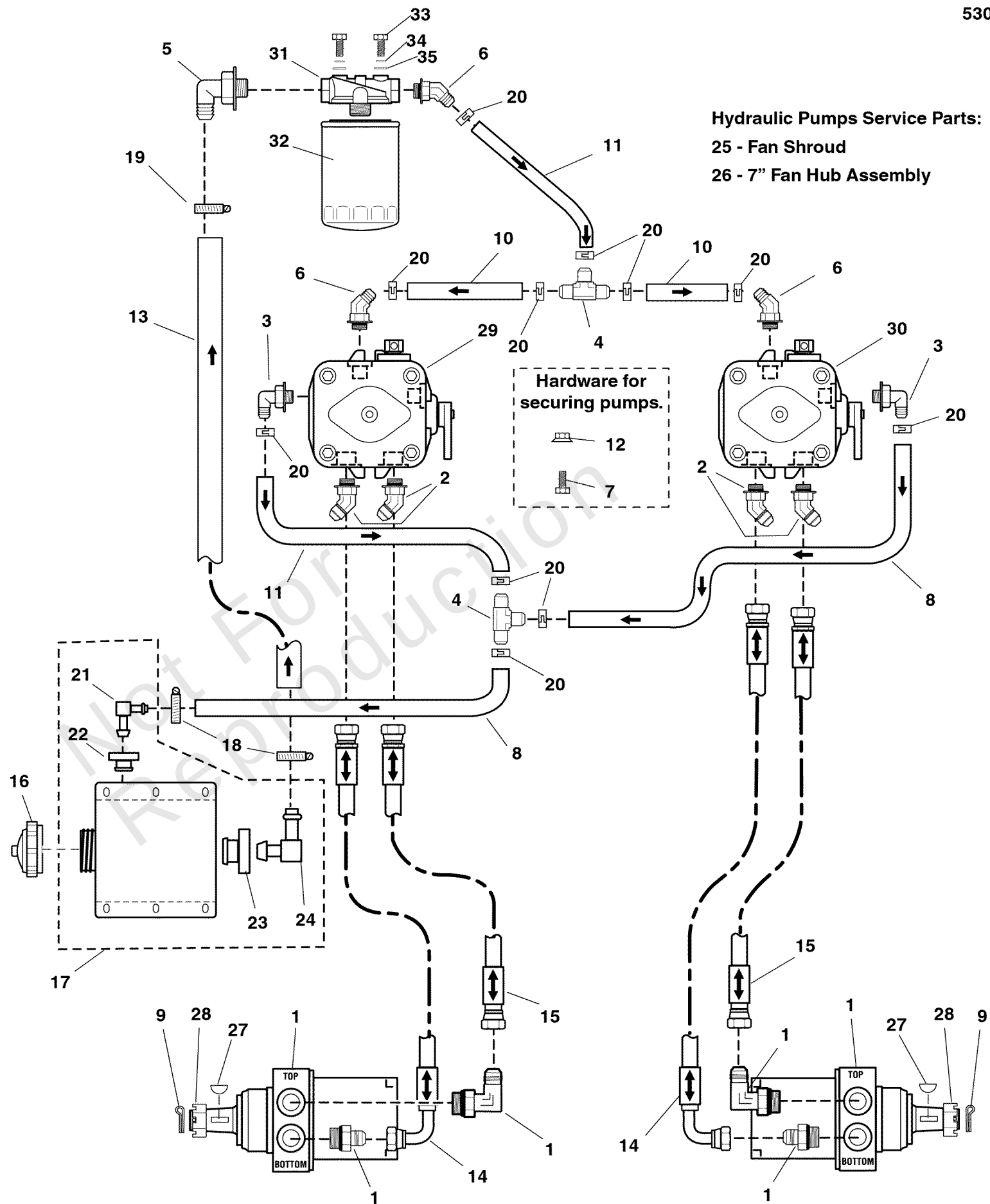
61" Models



Hydraulic Components Service Group

REF NO	PART NO	QTY	DESCRIPTION
1	-----	-	No Longer Available (Use "B" Service Group)
2	5025017X28	8	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
3	5025396	8	NUT, Hex Flange, Nylock, 1/2-13
4	5023276	2	FITTING, #10 ORING-#8 JIC, 90D
5	5022634	2	FITTING, #10 O-RING X #8 JIC, STR
6	5061670	8	SPACER, .53 X 1.00 X 1.00, CZ
7	5100877	2	MOTOR, WHEEL, HGM-15C-4026
8	5022599	2	FITTING, #8 JIC - #8 O-RING, 90 DEG.
9	5022633	2	FITTING, #8 O-RING X #8 JIC, STR
10	5102682	1	WHEEL MOTOR, RH, 14.5 CI-TF0240LS080AAKZ -(Used on LH side of unit)
11	5102681	1	WHEEL MOTOR, LH, 14.5 CI-TF0240LS081AAKZ -(Used on RH side of unit)
12	5025553	8	BOLT, 1/2-13 X 3.5, DRI-LOC PATCH
13	5025330	8	NUT, 1/2-13 SQUARE
14	5102689	8	SPACER, .53 X 1.00 X 1.00, W/ FLAT, CZ
15	-----	-	No Longer Available (Use "D" Service Group)

5301275



Hydraulic Group

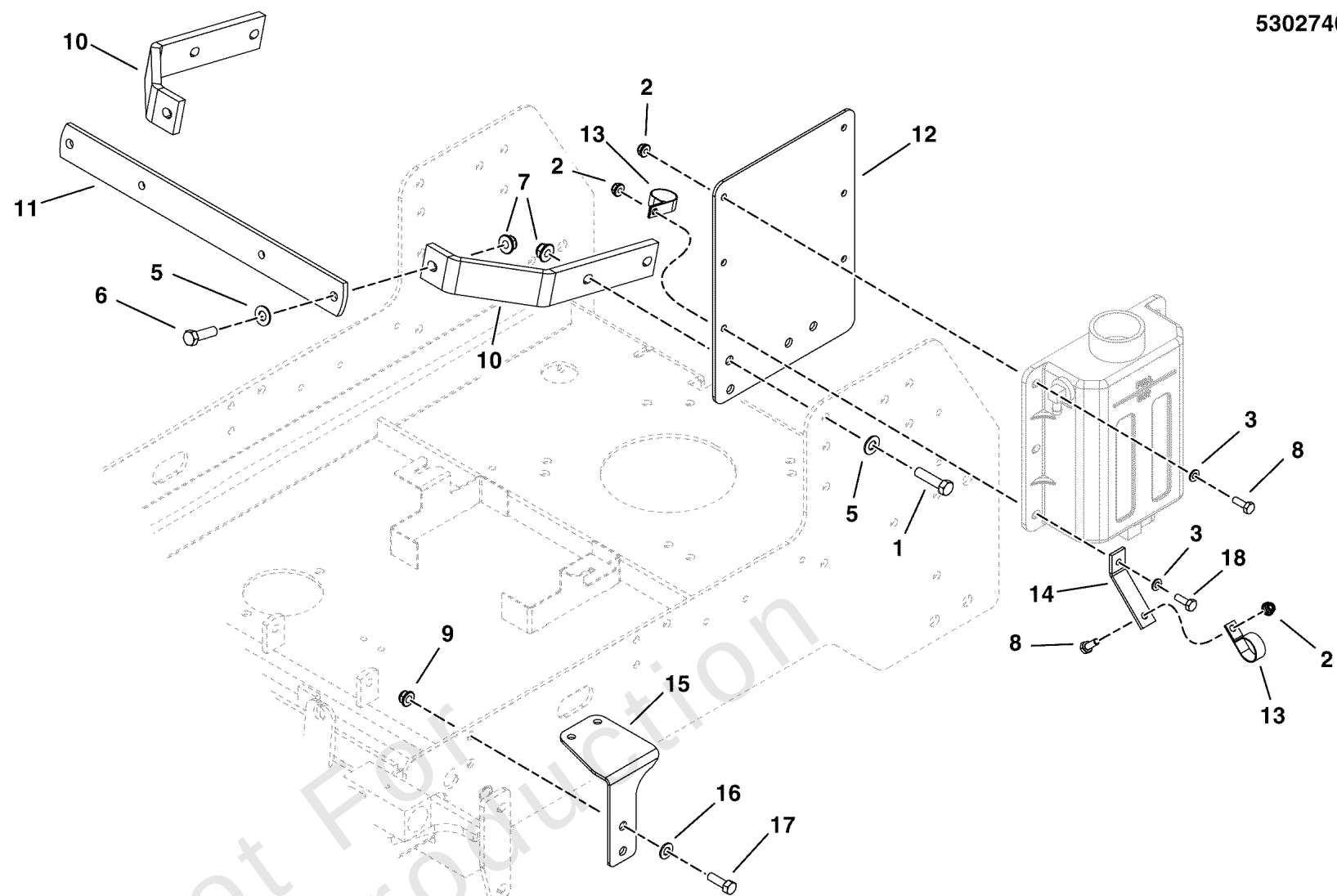
REF NO	PART NO	QTY	DESCRIPTION
1	-----	0	Refer to Hydraulic Components Service Group
2	5023338	4	FITTING, #8 JIC - #8 O-RING, 45 DEG.
3	5023267	2	ADAPTER, 90 DEG, 9/16-3/8 BARB
4	5022920	2	FITTING, TEE, 1/2 HOSE
5	5023346	1	ADAPTER, 90 DEG, 9/16-5/8 BARB
6	5023461	3	ADAPTER, 45 DEG, 9/16-3/8 BARB
7	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5 CZ
8	5050860X22	2	HOSE, 3/8" PUSH-LOCK, 22.00"
9	5025203X16	2	PIN, COTTER, 1/8 X 2
10	5050860X6	2	HOSE, 3/8" PUSH-LOCK, 6.00"
11	5050860X8	1	HOSE, 3/8" PUSH-LOCK, 8.00"
12	5025128	4	NUT, 3/8-16 HEX SERRATED FLANGE
13	5050933X25	1	HOSE, 5/8, PUSH-LOCK, 25.00
14	5102098	2	HOSE ASSEMBLY, (26.50)
15	5102099	2	HOSE ASSEMBLY, (22.50)
16	5100017	1	CAP, HYDRAULIC, SHIELDED VENT
17	5061712	1	TANK, HYDRAULIC, ASSEMBLY -(Includes Ref. Nos 21,22,23, and 24)
18	5022922	1	CLAMP, #4 HOSE, STAINLESS
19	5021164	2	CLAMP, #10 HOSE, STAINLESS
20	5023268	11	CLAMP, HOSE
21	5023118	1	FITTING, ELBOW, 3/8" (SV)
22	1726400	1	BUSHING-FUEL TANK RED RUBBER
23	5023121	1	GROMMET (SV)
24	5023119	1	FITTING, ELBOW, 5/8" (SV)
25	5100162	2	FAN SHROUD -(Not illustrated)
26	5022571X1	2	7" FAN HUB ASSEMBLY, HYDROGEAR #70811 -(Not illustrated)
27	5022042X2	2	KEY, WOODRUFF, #1008, 5/16 X 1
28	5022042X3	2	NUT, CASTLE 1-20
29	5102174	1	PUMP, HYD, 12CC - LH, PK-3HBQ-FV1F-XXXX -(Incl. Ref. No 38.)
30	5102175	1	PUMP, HYD, 12CC - RH, PK-3KBQ-FV1F-XXXX -(Incl. Ref. No 38.)
31	5023096	1	FILTER HEAD, HYDRAULIC
32	1719168X1	1	FILTER-OIL WITH PROTECTIVE CAP
33	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
34	5025154	2	WASHER, 1/4 SAE
35	5025169	2	WASHER, 1/4 LOCK

Hydraulic Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5302740



Hydraulic Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025013X12	4	BOLT, 3/8-16 X 1-1/2" GD5 CZ
2	5025391	5	NUT, 1/4-20 HEX NYLOCK FLANGE
3	5025154	4	WASHER, 1/4 SAE
4	5025010X8	2	BOLT, 1/4-20 X 1" GD5 CZ
5	5025156	6	WASHER, 3/8 SAE
6	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
7	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
8	5025010X6	3	BOLT, 1/4-20 X 3/4 GD5 YZ
9	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
10	5401952B	2	BAR, STABILIZER, SIDE - RED
11	5408233B	1	BAR, STABILIZER, CENTER
12	5401954B	1	PLATE, HYDRAULIC TANK MOUNT - RED
13	5021500	2	CLAMP, VINYL INSULATED
14	5401736A	1	BRACKET, HOSE - BLK
15	5403945A	1	MOUNT, OIL FILTER - BLK
16	5025155	2	WASHER, 5/16" SAE
17	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
18	5025010X8	2	BOLT, 1/4-20 X 1" GD5 CZ

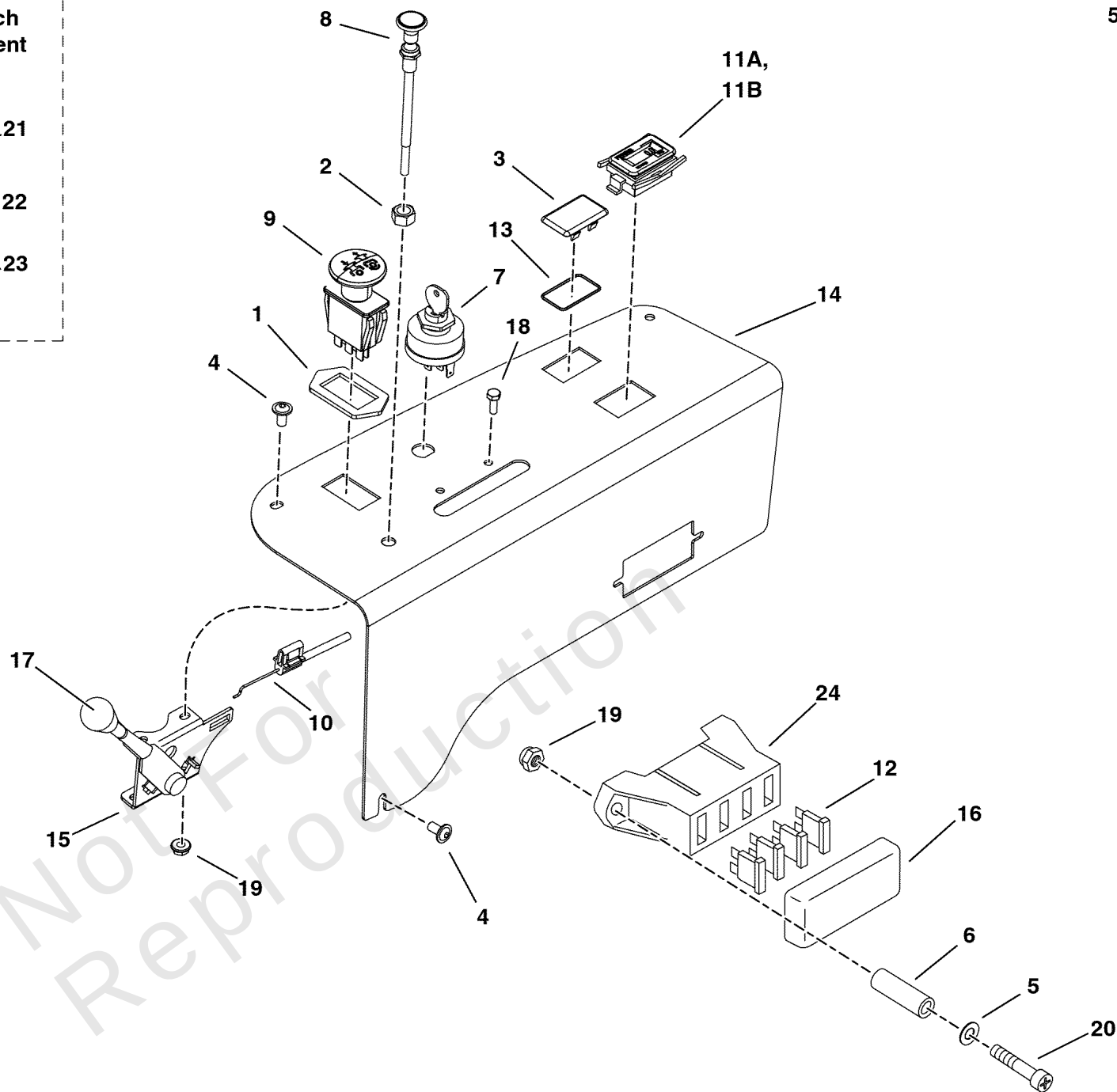
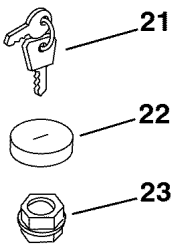
Instrument Control Panel Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5301287

Key Switch Replacement Parts



Instrument Control Panel Group

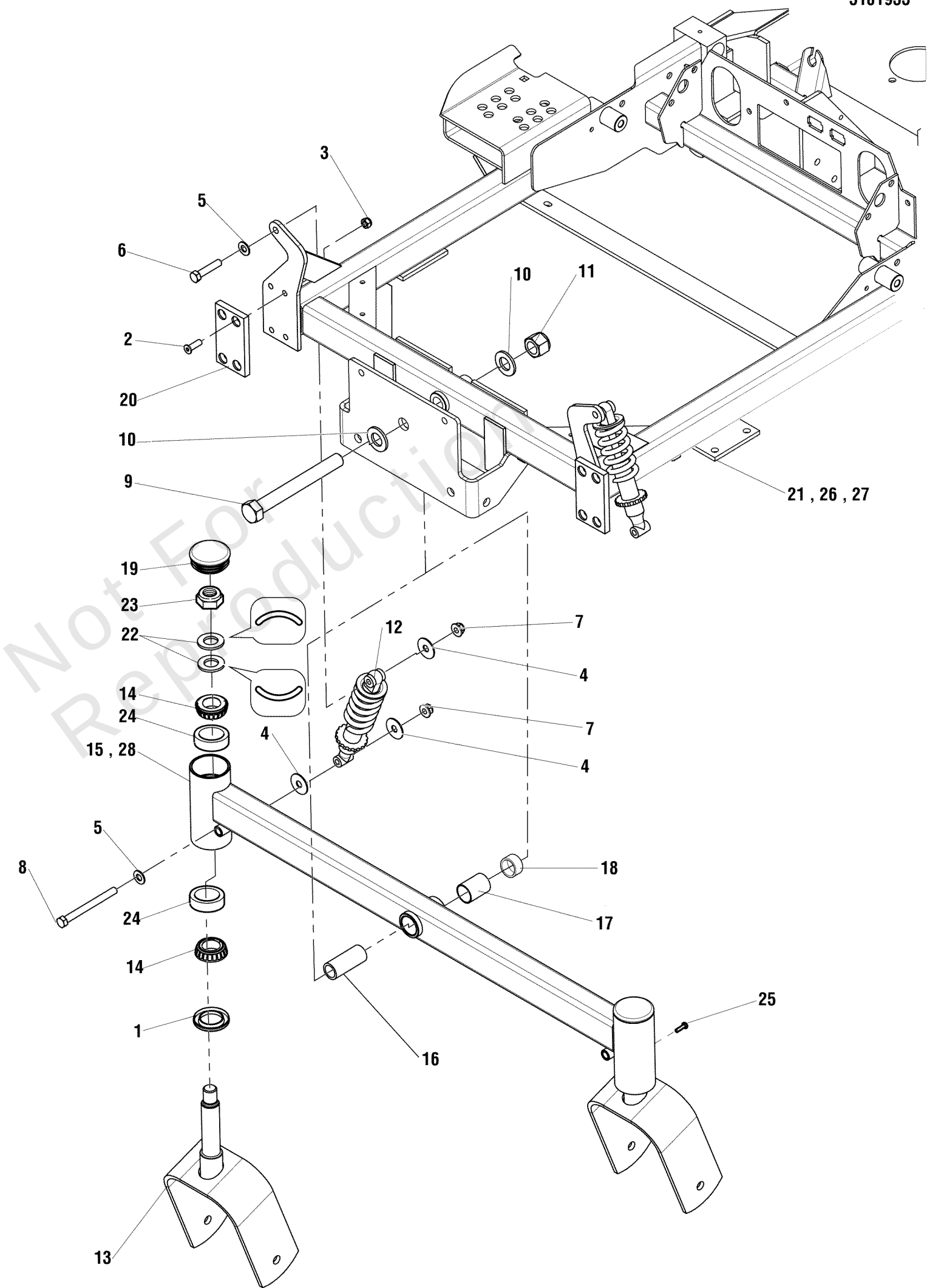
REF NO	PART NO	QTY	DESCRIPTION
1	5022222	1	RING, SWITCH RETAINER
2	5025309	1	NUT, 3/8-24 Hex Jam
3	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
4	5025299X4	3	SCREW, ALLEN HEAD 1/4-20X.500 ZINC PHOS
5	1910531SM	2	WASHER, Rivet, 3/16
6	5061763	2	SPACER, .20 X .38 X 1.25
7	5020927	1	SWITCH, IGNITION, 6 POST
8	5047779	1	CABLE, CHOKE CONTROL, 51" (Z)
9	5022180	1	SWITCH, BLADE ENGAGEMENT
10	5101076	1	CABLE, THROTTLE 47"
11A	84008768	1	HOURMETER (2 Pin Connector) -(S/N: 2015551938 & Above)
11B	5102417	1	HOUR METER -(S/N: 2015551937 & Below)
12	5021603	4	FUSE, ATO-20 (20 AMP)(SV)
13	5022269	1	O-RING, 7/8" ID X 1/16" W
14	5403402A	1	PLATE, CONTROL PANEL - BLK
15	5101537	1	LEVER, THROTTLE CONTROL, HEAVY-DUTY
16	5022805	1	COVER, VINYL, FUSE BLOCK
17	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB -(SV)
18	5025179X6	2	SCREW, #10-24 X 3/4" ROUND PHILLIPS
19	5025271	4	NUT, Hex, Nylon Lock, #10-24
20	5025270X16	2	SCREW, #10-24 X 2" ROUND PHILLIPS
21	5022789	1	KEY, IGNITION MOLDED SET -(SV)
22	5022790	1	COVER, PLASTIC, SNAP ON -(SV)
23	5022791	1	PLASTIC NUT -(SV)
24	5021518	1	FUSE, BLOCK (SV) -(SV)

Main Frame & Front Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

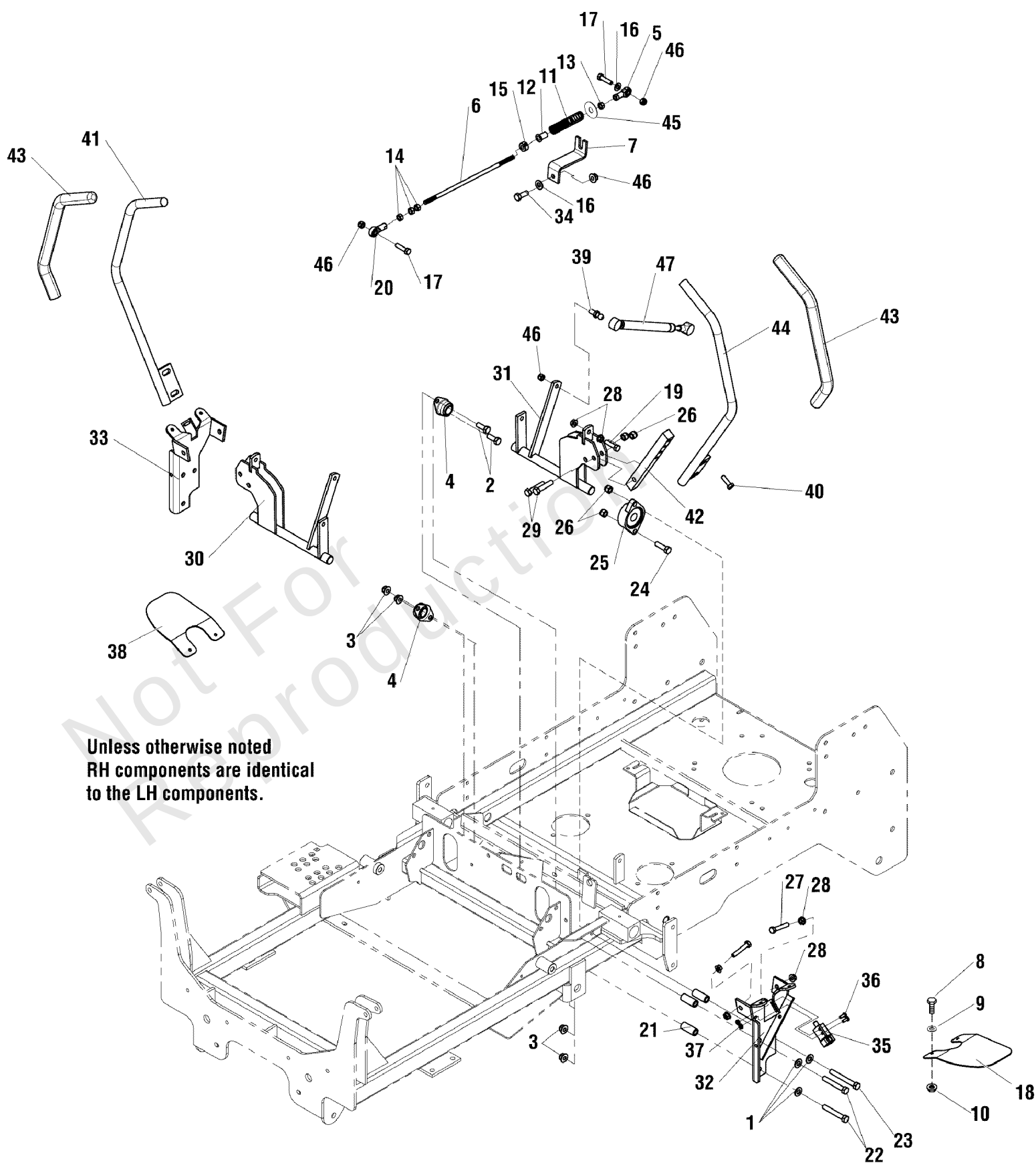
Mfg. No: 5900572

5301270
5101933



Main Frame & Front Suspension Group

REF NO	PART NO	QTY	DESCRIPTION
1	5021072	2	SEAL, GREASE
2	5025594	8	SCREW, 5/16-18 X 1 PHILLIPS HD, BZ -(Was 5025303)
3	5025057	8	NUT, 5/16-18 HEX NYLON LOCK
4	5025165	4	WASHER-3/8 FENDER
5	5025156	4	WASHER, 3/8 SAE
6	5025013X14	2	BOLT, 3/8-16 X 1-3/4" GD5 CZ
7	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
8	5025013X32	2	BOLT, 3/8-16 X 4" GD5 CZ
9	5025265X52	1	BOLT, 3/4-16 X 6-1/2 YZ GD5
10	5025160	2	WASHER, 3/4 SAE
11	5025284	1	NUT, 3/4-16 HEX NYLON LOCK
12	5023483	2	SHOCK, SPRING ASSEMBLY
13	5402208B	2	WELD, CASTER YOKE -RED
14	5020884	4	BEARING, TAPERED ROLLER, 1
15	5409889B	1	WELD, PIVOTING FRONT END - RED -(61" Models)
16	5047489	1	SPACER, .75 X 1.00 X 2.38
17	5022852	1	PIVOT BEARING-1.00 X 1.125 ODX1.50
18	5100358	1	PIVOT BEARING, 1.00 X 1.125 OD X .50
19	5109845	2	CAP, GREASE, LOW PROFILE
20	5101553	2	PLATE, FRICTION, IS1500ZX
21	5403809B	1	WELD, MAIN FRAME -(61" Models)
22	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
23	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
24	5020883	4	BEARING CUP (SV)
25	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
26	5403809B	1	WELD, MAIN FRAME -(52" Models - S/N: 2014185123 & Below)
27	5406658B	1	WELD, MAIN FRAME -(52" Models - S/N: 2014185124 & Above)
28	5405923B	1	WELD, FRONT PIVOT -(52" Models)



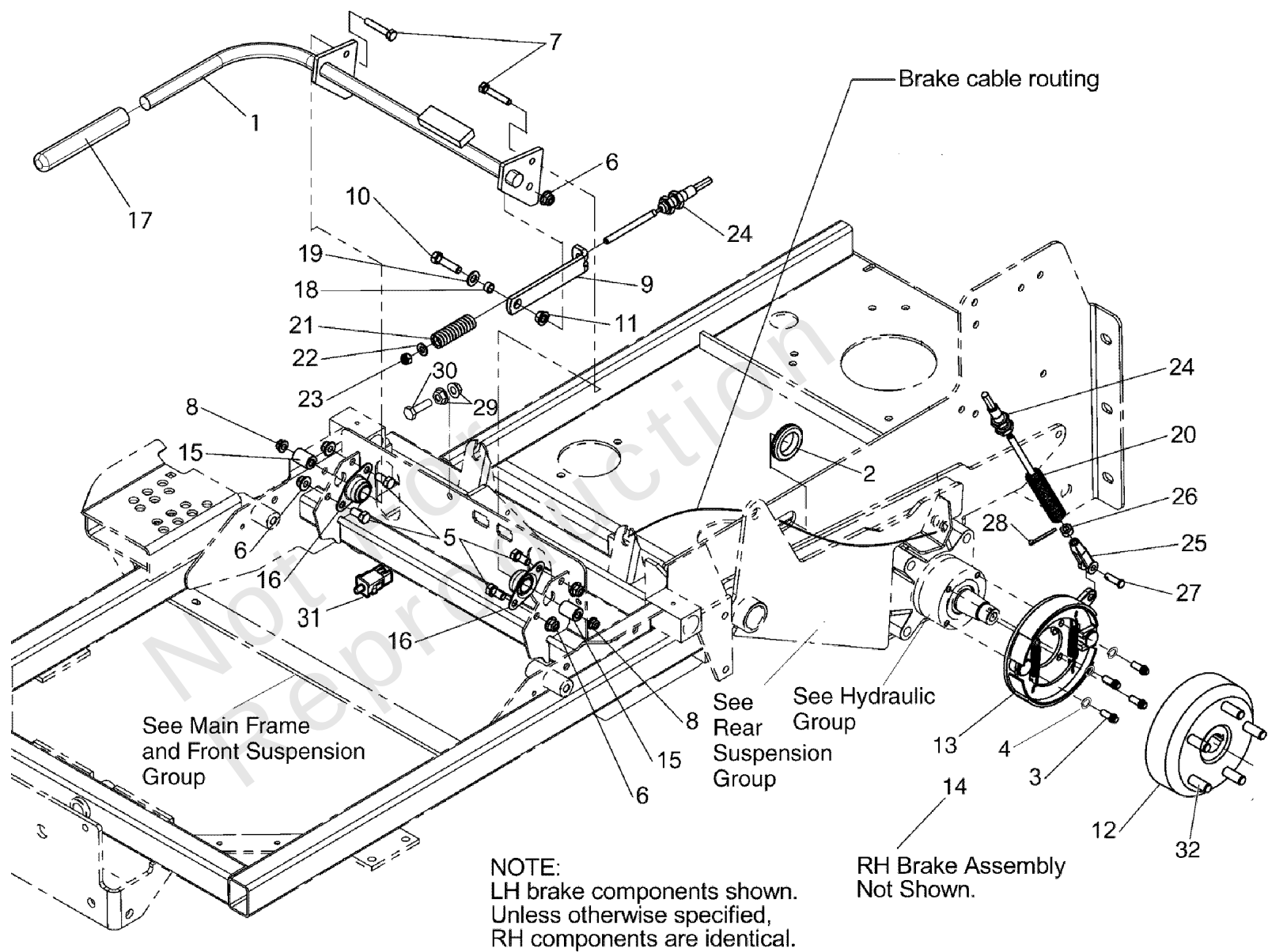
Motion Control Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025156	6	WASHER, 3/8 SAE
2	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
3	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5021098	2	BEARING, BRONZE FLANGE, 3/4
5	5104494	2	BALL JOINT 5/16-24 LH FEMALE BRONZE RACE
6	5046420	2	ROD, HYDRO LINKAGE
7	5400653A	2	MOUNT, REVERSE RETURN - BLK
8	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 YZ
9	5025154	4	WASHER, 1/4 SAE
10	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
11	5022645	2	SPRING, REVERSE RETURN
12	5023260	2	BUSHING, NYLON
13	5023212	2	NUT, 5/16-24 HEX, LH
14	5025033	6	NUT, 5/16-24 HEX
15	5020047	2	COLLAR, 5/16 SET
16	5025155	4	WASHER, 5/16" SAE
17	5025011X10	4	BOLT, 5/16-18 X 1-1/4 GD5 YZ
18	5403956A	1	PLATE, HAND GUARD, LH - BLK
19	5025011X9	2	BOLT, 5/16-18 X 1-1/8 GD5
20	5104493	2	BALL JOINT 5/16-24 RH FEMALE BRONZE RACE
21	5048264	6	SPACER, .39 X .63 X 1.50
22	5025013X20	4	BOLT, 3/8-16 X 2-1/2" GD5 CZ
23	5025013X24	2	BOLT, 3/8-16 X 3" GD5 CZ
24	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
25	5021499	2	BEARING, FLANGE
26	5025096	8	NUT, 3/8-16 HEX NYLON LOCK
27	5025055X14	4	BOLT- 5/16-18 X 1-3/4 GD5 TFL
28	5025139	12	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
29	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5 CZ
30	84008453	1	SHAFT, Control
31	5403619A	1	WELD, CONTROL SHAFT, LH - BLK
32	5409640A	1	WELD, NEUTRAL LOCK, LH - BLK
33	5409641A	1	WELD, NEUTRAL LOCK, RH - BLK
34	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
35	5021451	2	SWITCH, PLUNGER, N.O.
36	5025179X4	4	SCREW- #10-24 X 1/2 ROUND PHILLIPS
37	5025029	4	NUT, #10-24 HEX
38	5403597A	1	PLATE, HAND GUARD, RH - BLK
39	5101307	4	10MM BALL STUD, 5/16-18 X 3/4 THDS
40	80003531	2	SCREW, 5/16-18x0.750, GR5, WHIZ-LOCK, ZC
41	5400637A	1	WELD, HANDLE MOTION CONTROL RH - BLK
42	5047004A	2	MOUNT, CONTROL ARM - BLK -(9.0" Total Length, 4 Adjustment Holes)
43	5022068	2	GRIP, FOAM, 3/4 ID, 16 LONG
44	5400636A	1	WELD, HANDLE MOTION CONTROL LH - BLK
45	5025424	2	WASHER, 3/8 X 1 X 1/16, NYLON F/W
46	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE
47	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572



Parking Brake Group

REF NO	PART NO	QTY	DESCRIPTION
1	5403948A	1	WELD, BRAKE SHAFT - BLK
2	5021397	2	GROMMET, 1-1/4
3	5023490	8	BOLT, 5/16-18 X 3/4 12PT FLANGE - PATCH
4	5025170	8	WASHER, 5/16 LOCK CZ
5	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
6	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
7	5025011X14	2	BOLT, 5/16-18 X 1-3/4 GD5 YZ
8	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
9	5047084A	2	LINK, BRAKE LOCK - BLK
10	5025013X12	2	BOLT, 3/8-16 X 1-1/2" GD5 CZ
11	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE
12	5102896YP	2	BRAKE DRUM, 5 BOLT
13	5102897	1	BRAKE SHOE ASM, LH, KNOTT -(S/N: 2015208612 & Above)
13	5023500	1	ASSM, BRAKE, 1-1/4 HUB, LH -(S/N: 2015208611 & Below)
14	5102898	1	BRAKE SHOE ASM, RH, KNOTT -(Not Shown - S/N: 2015208612 & Above)
14	5023501	1	ASSM, BRAKE, 1-1/4 HUB, RH -(Not Shown - S/N: 2015208611 & Below)
15	5042134	2	SPACER, .32 X .75 X 1.06
16	5021098	2	BEARING, BRONZE FLANGE, 3/4
17	5101038	1	GRIP, FOAM, 3/4 ID X 6 X .187
18	5041930	2	SPACER, .38 X .50 X .27
19	5025156	2	WASHER, 3/8 SAE
20	5023320	2	SPRING, COMPRESSION
21	5048719	2	SPRING-COMP, .75 X .162 X 2.5
22	5025155	2	WASHER, 5/16" SAE
23	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
24	5100115	2	CABLE, PARKING BRAKE IS2000
25	5020979	2	CLEVIS, 5/16-24, PLASTIC
26	5025033	2	NUT, 5/16-24 HEX
27	5025213X8	2	PIN, CLEVIS, 5/16 X 1 YZ
28	5025211	2	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, YZ
29	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
30	5025011X10	1	BOLT, 5/16-18 X 1-1/4 GD5 YZ
31	7022886	1	SWITCH, DP NO/NC SNAP-IN
32	5023368X1	10	STUD, BRAKE DRUM (SV)
32	5102896X1	10	STUD BRAKE DRUM KNOTT

PUMP DRIVE [Cast Idler Arm for replacing Steel Pump Drive Idler Arm]

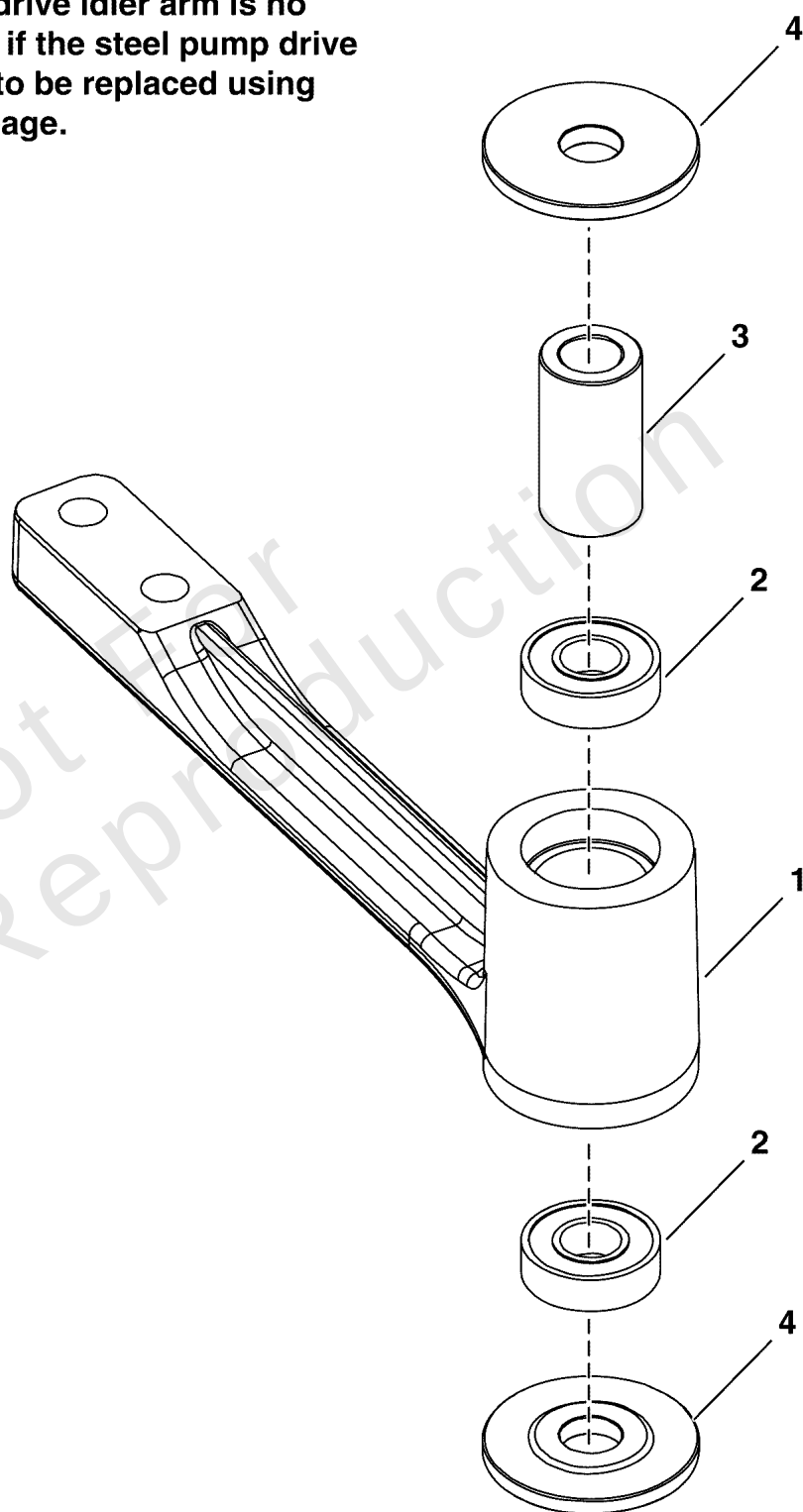
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5406895

Service Parts for Pump Drive Steel Idler Arms replaced by Cast Idler Arms

The steel pump drive idler arm is no longer available, if the steel pump drive idler arm needs to be replaced using item #1 on this page.



PUMP DRIVE [Cast Idler Arm for replacing Steel Pump Drive Idler Arm]

REF NO	PART NO	QTY	DESCRIPTION
1	5406895	1	ASSM, IDLER ARM, PUMP DRIVE, 3/8ID, CAST (SV) -(Includes items #2-4)(5101178A)
2	7078243	2	BEARING, BALL AXLE
3	5102580	1	SPACER, .39 X .88 X 1.53, CZ
4	5102579	2	SPACER, IDLER ARM, T-STYLE, CZ

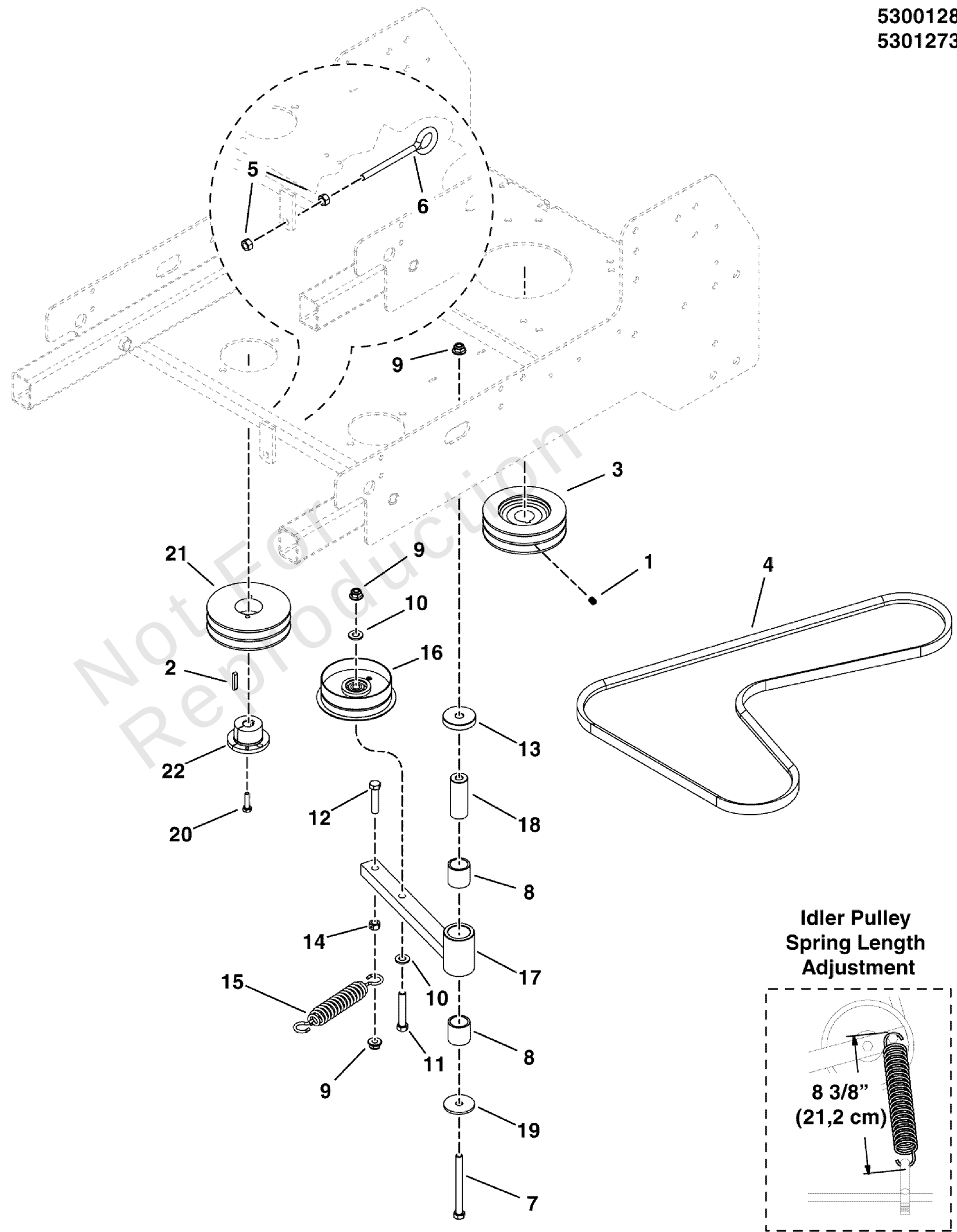
Not For Reproduction

Pump Drive Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5300128
5301273



Pump Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025531	1	SET SCREW, 5/16-18 X 3/8, KNUURL, W/PATCH
2	5023254	2	KEY, 5MM SQ. W/ RADIUS
3	5047075	1	CRANKSHAFT PULLEY
4	5100555	1	BELT, BANDED A-SEC,64.76EL,POLY,RAW EDGE
5	5025034	2	NUT, 3/8-16 HEX
6	5021812	1	EYE BOLT, 3/8-16 X 6, 3.0 THREAD
7	5025013X32	1	BOLT, 3/8-16 X 4" GD5 CZ
8	5022157	2	BUSHING, BRASS, 1.25X1X1.25
9	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5025293	2	WASHER, 3/8 GD.9 FLAT
11	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
12	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ
13	5045475	1	SPACER, .45 X 1.88 X .38
14	5025100	1	NUT, 3/8-16 HEX SIDE LOCK
15	5022847	1	SPRING-EXT, 1.04 ODX6.935LGX.148WR, BLK
16	5103808	1	PULLEY, IDLER, SINGLE FLANGE
17	-----	1	See "PUMP DRIVE [Cast Idler Arm for replacing Steel Pump Drive Idler Arm]"
18	5102004	1	SPACER, .39 X 1.00 X 2.55, SS
19	5025305	1	WASHER, .41 X 1.75 X .14
20	5025010X8	4	BOLT, 1/4-20 X 1" GD5 CZ
21	5022586	2	PULLEY, PUMP DRIVE
22	5022587	2	BUSHING, TAPERED HUB

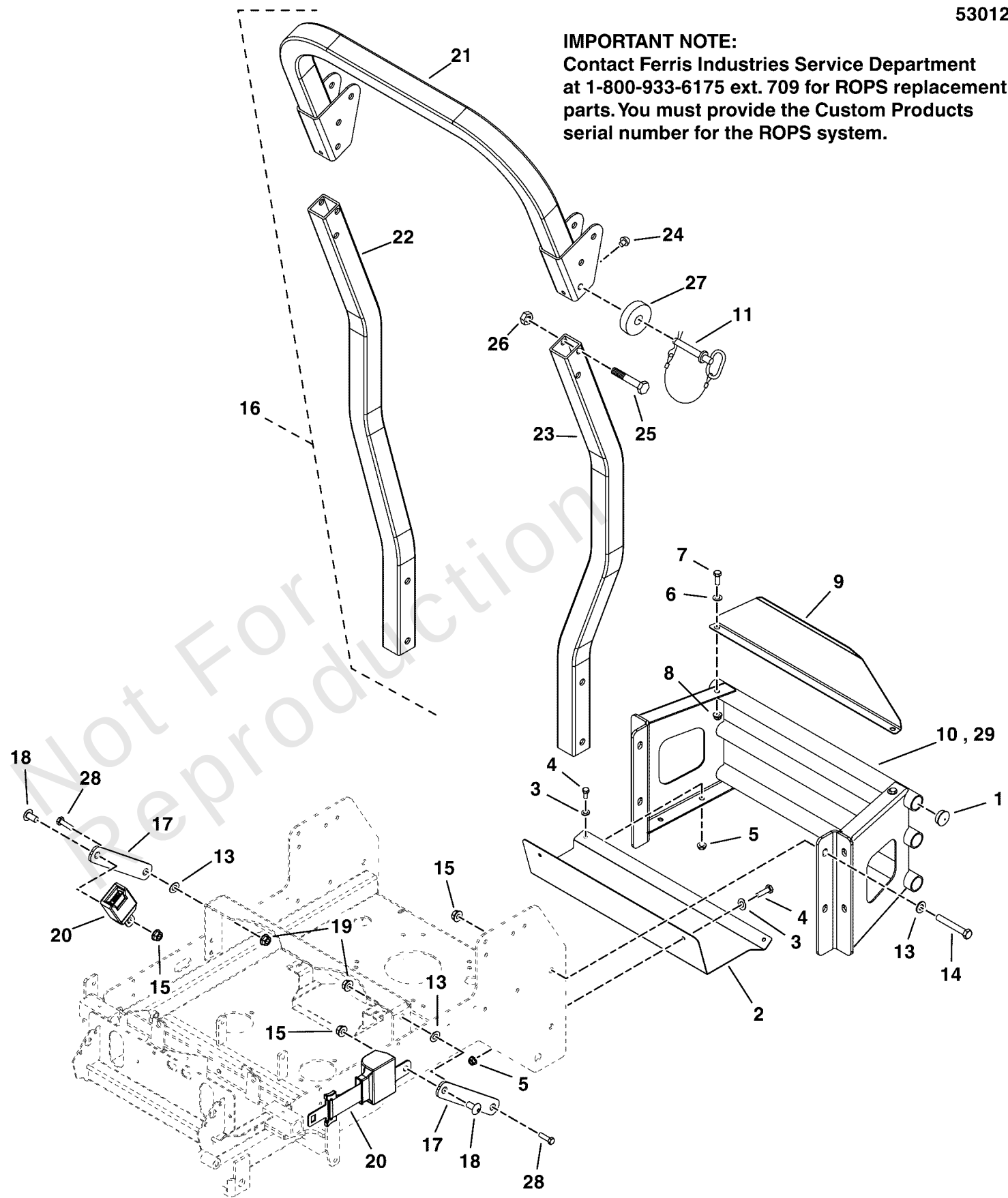
Rear Bumper, Roll Bar & Seat Belt Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5301271

IMPORTANT NOTE:
Contact Ferris Industries Service Department
at 1-800-933-6175 ext. 709 for ROPS replacement
parts. You must provide the Custom Products
serial number for the ROPS system.



Rear Bumper, Roll Bar & Seat Belt Group

REF NO	PART NO	QTY	DESCRIPTION
1	5023484	6	PLUG, PANEL, 1.25 - BLACK
2	5409141A	1	PLATE, HEAT SHIELD
3	5025155	4	WASHER, 5/16" SAE
4	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
5	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
6	5025156	2	WASHER, 3/8 SAE
7	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
8	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5400681B	1	PLATE, CARB PROTECTOR
10	5409140B	1	WELD, BUMPER -(S/N: 2016294925 & Below)
11	5100079	2	PIN, HINGE W/ LANYARD
12	5100377	1	HARDWARE BAG, IS1500Z/1S2000Z -(Not Shown)
13	5025158	6	WASHER, 1/2 SAE
14	5025017X26	4	BOLT, 1/2-13 X 3-1/4, HEX HD, GD5, CZ (SV)
15	5025396	6	NUT, Hex Flange, Nylock, 1/2-13
16	-----	1	ROPS (Call 1-800-933-6175 ext. 2193 if replacing a ROPS)
17	5410295A	2	PLATE, SEAT BELT ANCHOR - BLK
18	5100267	2	SCREW, 1/2-13 X 1.00, SHCS
19	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
20	5100139	1	SEAT BELT, RETRACTING - ASSM
21	-----	1	ROLL BAR TOP LOOP
22	-----	1	ROLL BAR POST, RH
23	-----	1	ROLL BAR POST, LH
24	5100383	2	BUMPER, ROPS
25	-----	2	BOLT
26	-----	2	NUT
27	5100545	2	WASHER, EPDM FOAM, 1/2" ID
28	5025017X10	2	BOLT, 1/2-13 X 1-1/4 GD5 CZ
29	5410565B	1	WELD, BUMPER - RED -(S/N: 2016294926 & Above)

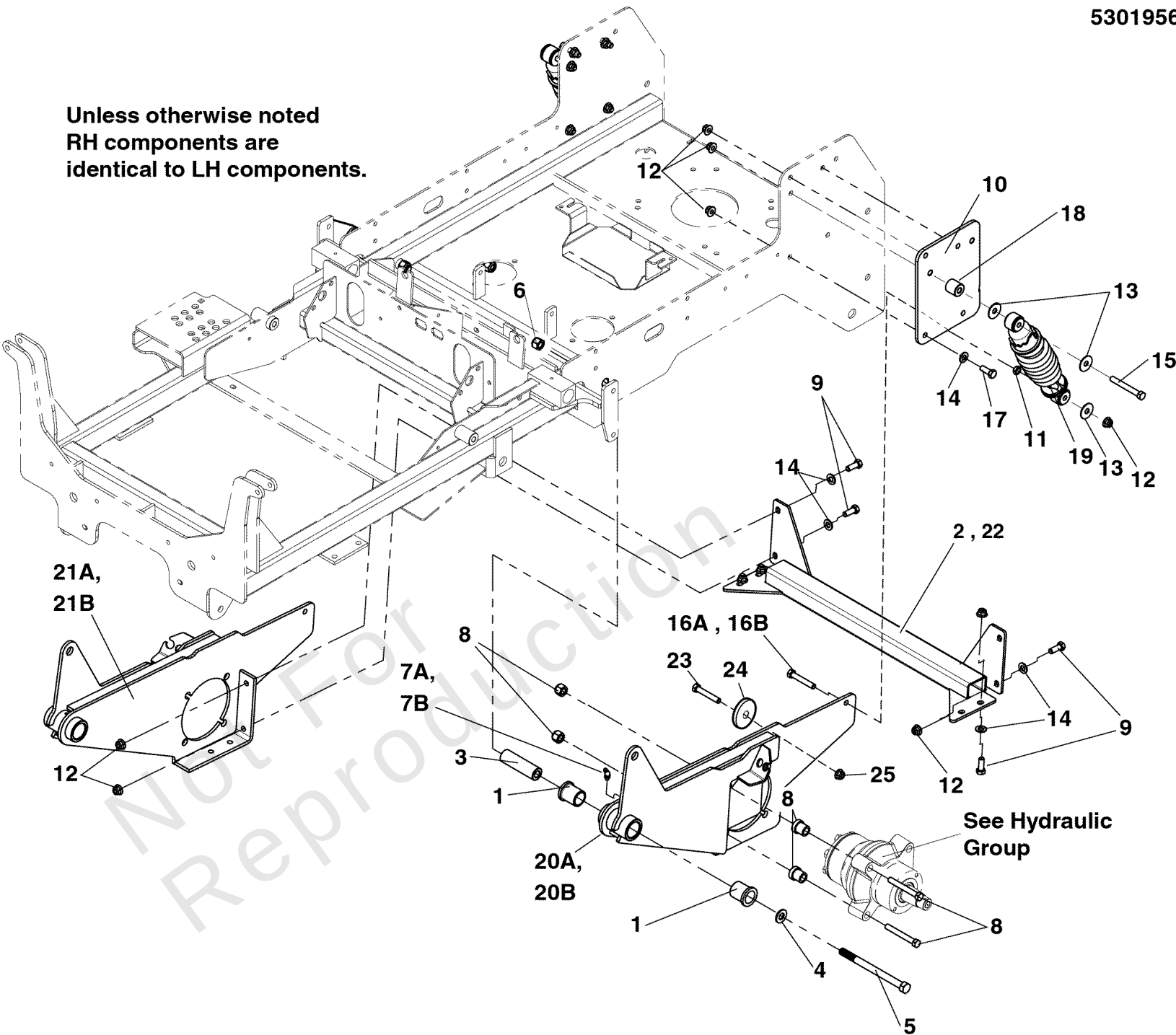
Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

5301956

Unless otherwise noted
RH components are
identical to LH components.



Rear Suspension Group

REF NO	PART NO	QTY	DESCRIPTION
1	5021541	4	BUSHING, FLANGE
2	5404056A	1	WELD, TIE BAR - BLK -(52" Models)
3	5061339	2	SPACER, .52 X 1.00 X 3.42
4	5025158	2	WASHER, 1/2 SAE
5	5025017X52	2	BOLT, 1/2-13 X 6-1/2" GD5
6	5025056	2	NUT, 1/2-13 HEX NYLON LOCK
7a	5020020	2	FITTING, GREASE, 45 DEGREE -(52" Models)
7b	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT -(61" Models)
8	-----	-	Refer to Hydraulic Components Service Group
9	5025013X10	8	BOLT, 3/8-16 X 1-1/4" GD5 CZ
10	5061751B	1	PLATE, FRAME SUPPORT, LH - RED
11	5046860	2	SPACER, .39 X 1.00 X .50
12	5025394	20	NUT, 3/8-16 HEX NYLOCK FLANGE
13	5025165	6	WASHER, 3/8" FENDER
14	5025293	16	WASHER, 3/8 GD.9 FLAT
15	5025013X28	2	BOLT, 3/8-16 X 3-1/2" GD5 CZ
16a	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ -(52" Models)
16b	5025058X18	2	BOLT, 3/8-16 X 2-1/4 GD5 TFL -(61" Models)
17	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
18	5103427	2	SPACER, .39 X 1.00 X 1.25, CZ
19	5023436	2	COIL - OVER SHOCK ASSEMBLY
20a	5401166B	1	WELD, MOTOR MOUNT - LH - RED -(61" Models)
20b	5401356B	1	WELD, MOTOR MOUNT - LH - RED -(52" Models)
21a	5401165B	1	WELD, MOTOR MOUNT - RH - RED -(61" Models)
21b	5401357B	1	WELD, MOTOR MOUNT - RH - RED -(52" Models)
22	5600188	1	KIT, TIE BAR, 61 -(61" Models)
23	5025594	2	SCREW, 5/16-18 X 1, PHILLIPS HD, BZ -(52" Models)
24	5102701	2	SPACER, .34 X 1.54 X .25 UHMW -(52" Models)
25	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE -(52" Models)

Seat, Mount & Floor Group

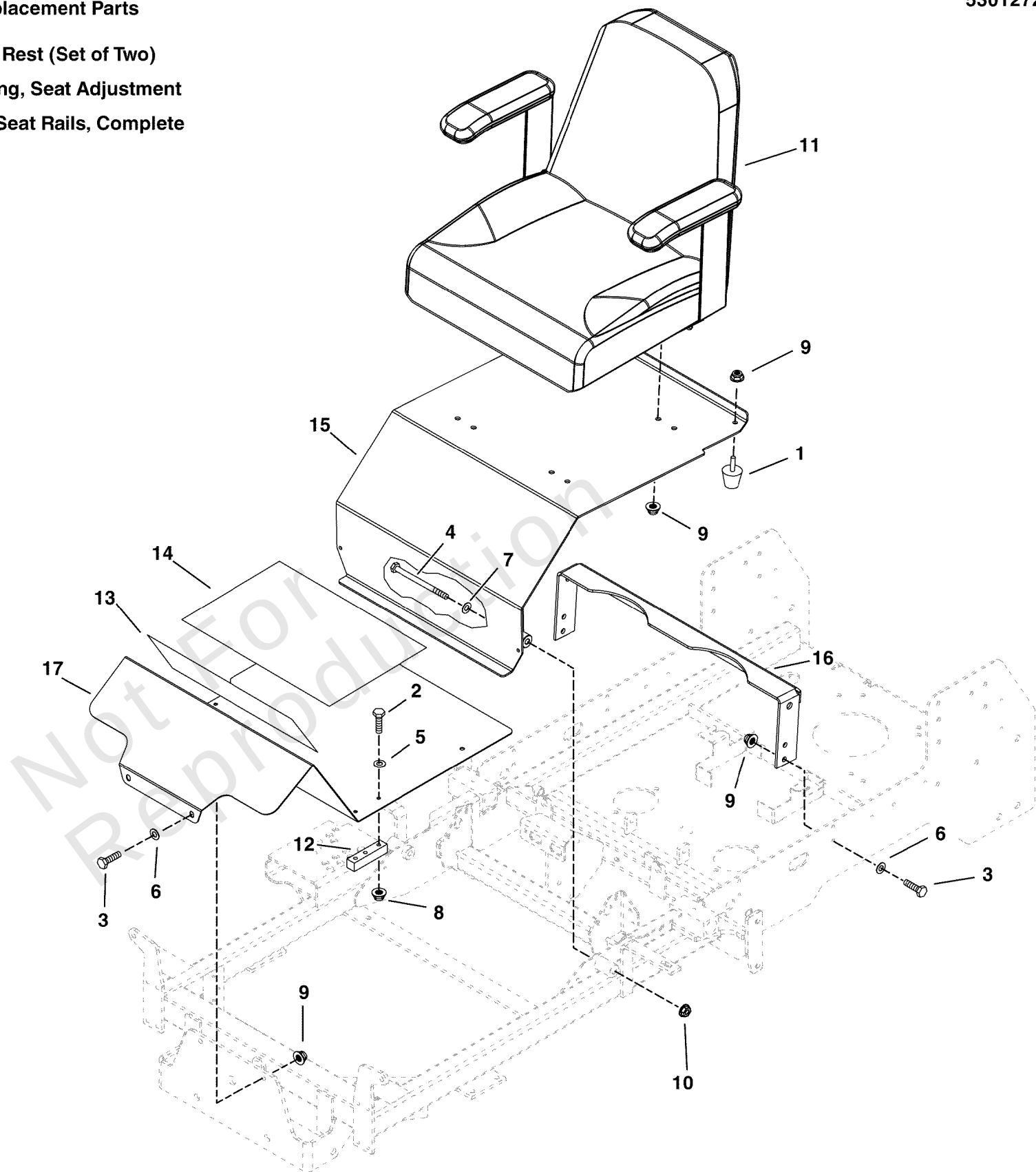
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

Seat Replacement Parts

5301272

- 18 - Arm Rest (Set of Two)
- 19 - Spring, Seat Adjustment
- 20 - Kit, Seat Rails, Complete



Seat, Mount & Floor Group

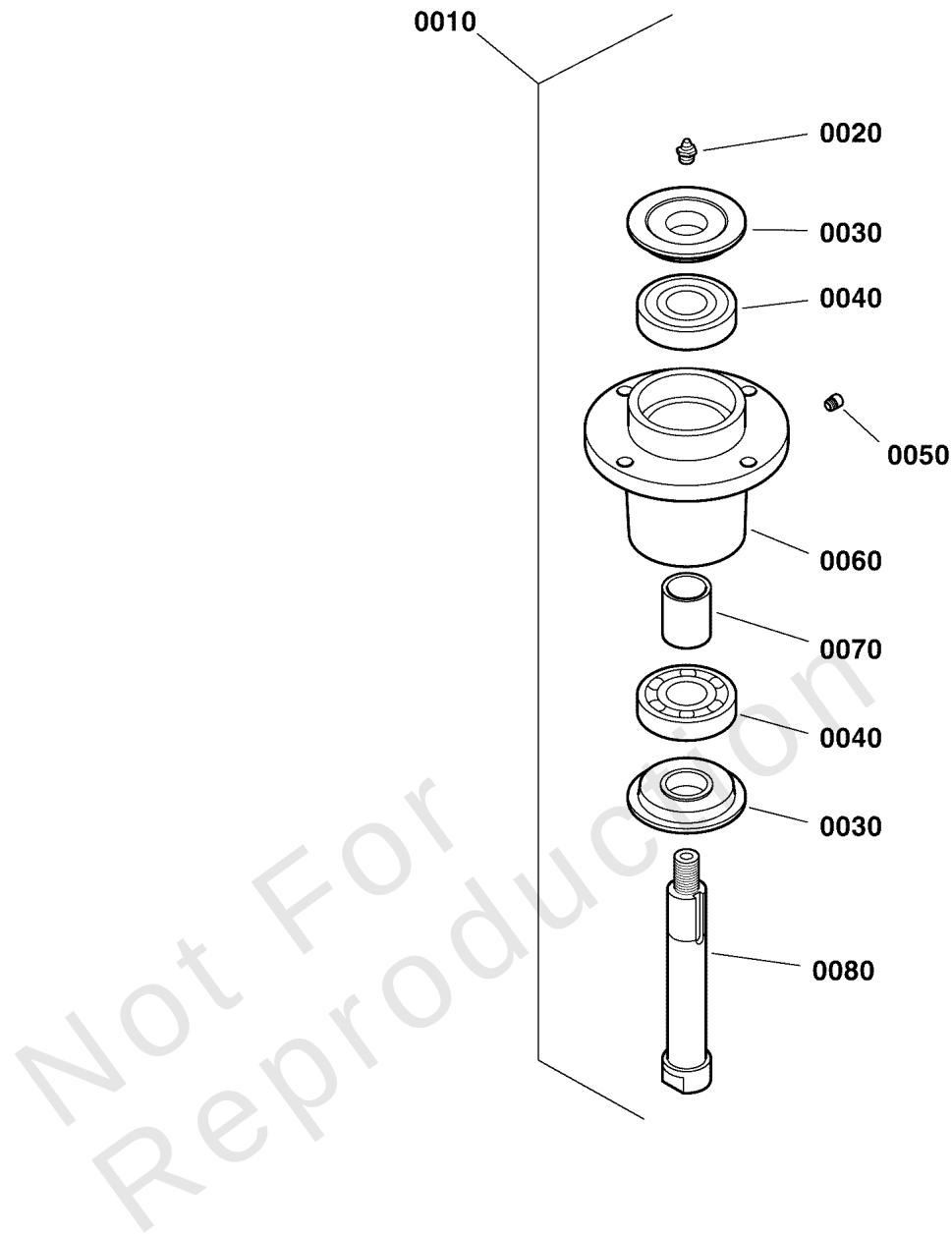
REF NO	PART NO	QTY	DESCRIPTION
1	5022612	2	BUMPER, RUBBER 5/16-18
2	5025010X10	4	BOLT, 1/4-20 X 1-1/4, GD5
3	5025011X8	8	BOLT, 5/16-18 X 1 GD5 YZ
4	5025013X44	2	BOLT, 3/8-16 X 5-1/2" GD5 CZ
5	5025154	4	WASHER, 1/4 SAE
6	5025155	8	WASHER, 5/16" SAE
7	5025156	2	WASHER, 3/8 SAE
8	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
9	5025392	14	NUT, 5/16-18 HEX NYLOCK FLANGE
10	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
11	5061599	1	SEAT, XB-180, NO LOGO, BLACK
12	5100643	2	BLOCK, DECK LIFT SUPPORT
13	5101011	1	SAFETY WALK, 8.00 X 15.00
14	5101013	1	SAFETY WALK, 11.50 X 15.00
15	5401589B	1	WELD, SEAT PLATE - RED
16	5403954B	1	WELD, SEAT SUPPORT - RED
17	5403953B	1	PLATE, FLOOR - RED
18	1686907	1	ARM REST (SET OF 2)
19	5100652	1	SPRING, EXTENSION, SEAT ADJUSTMENT (BLK OR SLVR) -(SV)(Not an illustrated part.) (3-1/2" Total unstretched length)
20	5061599X1	1	KIT, SEAT RAILS, COMPLETE

Spindle SERVICE PARTS - 5061095

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900572

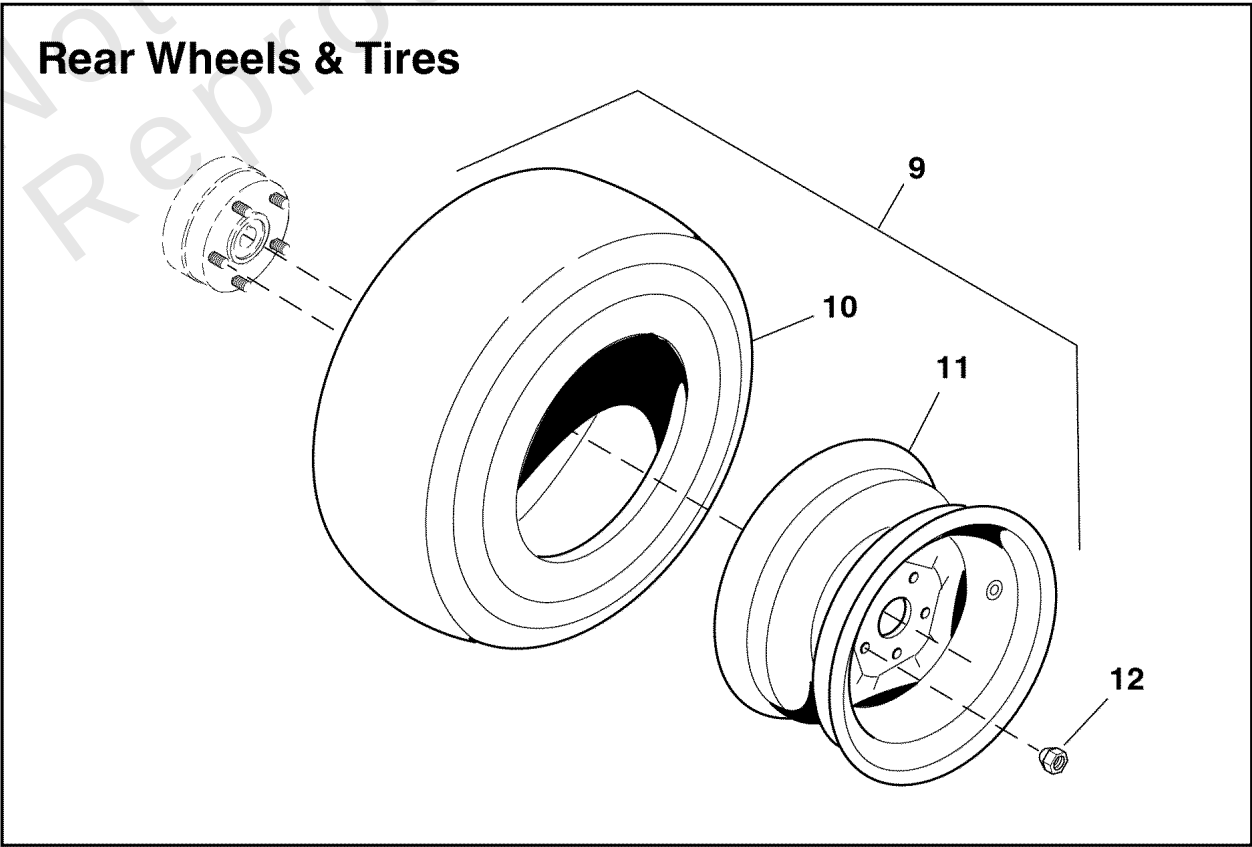
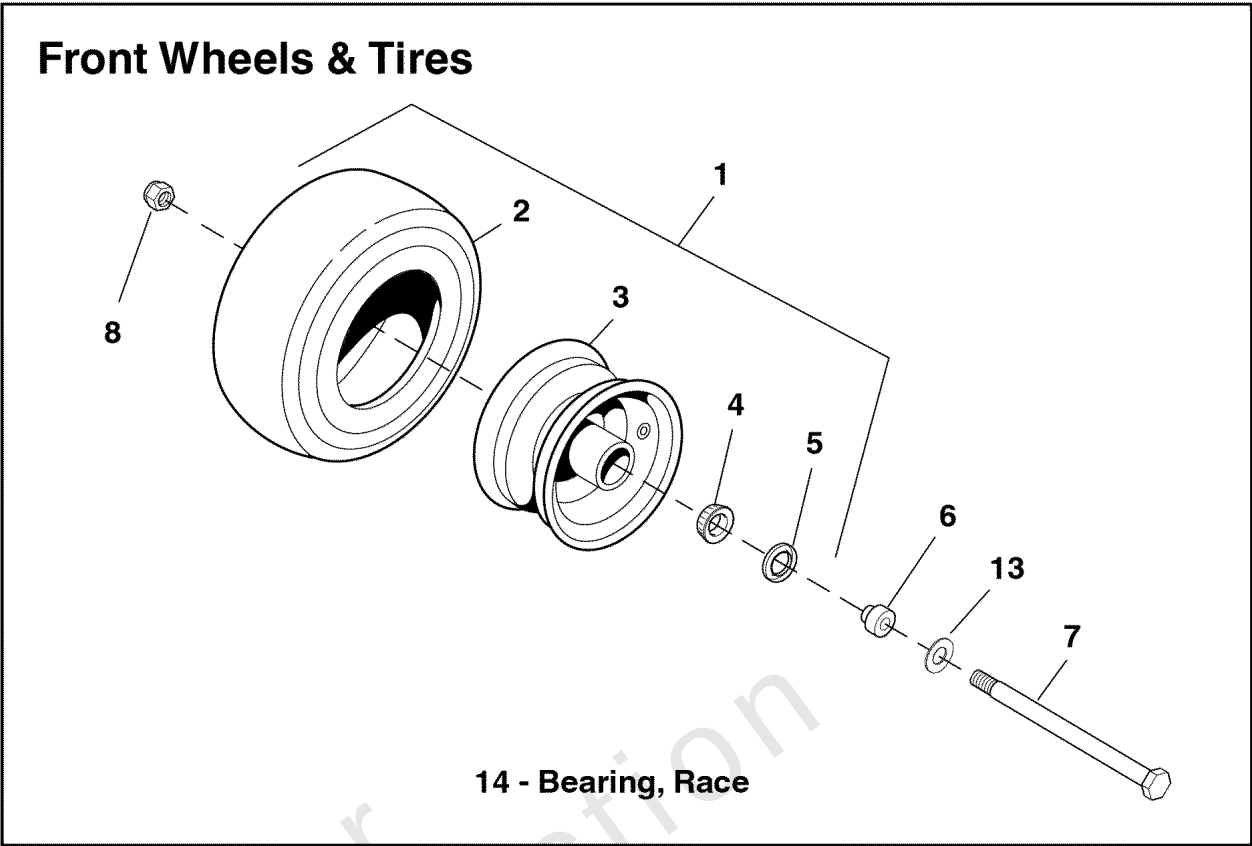
5061095



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

5301279A



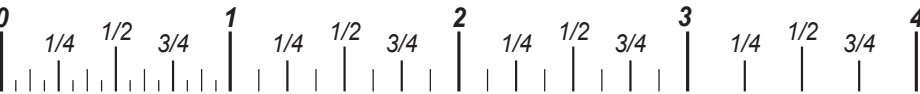
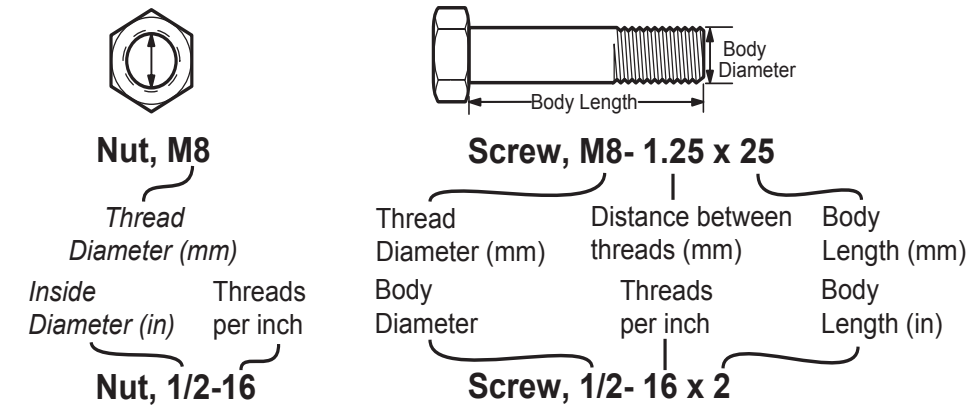
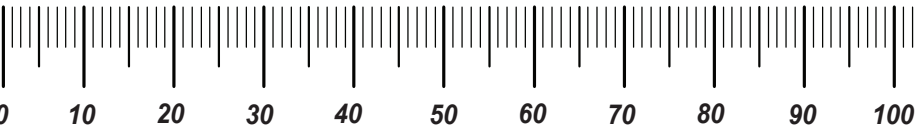
Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	5022631S	2	TIRE, CASTER, 13 X 5.00-6
2	5022029X1	2	TIRE, 13 x 5.0 - 6 (SV)
3	5022631SX1	2	WHEEL ASSEMBLY, for 13 x 5.0 - 6 Tire, Complete (SV)
4	5022631SX2	4	BEARING, Tapered Roller -(2 per tire)
5	5022631SX3	4	SEAL, GREASE -(2 per tire)
6	5047103	4	ADAPTER, CASTER AXLE, CZ -(2 per tire)
7	5025017X64	2	BOLT, 1/2-13 X 8 GD5 YZ (NLA)
8	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
9	5023369	2	TIRE ASSM, 22 X 11.00-10 -(52" & 61" Models)
10	5023369X2	2	TIRE, 22 X 11.0 - 10 (SV) -(52" & 61" Models)
11	5023369X1	2	RIM-10X7-5-4.5 SOLID (SV)
12	5020601	10	NUT, 1/2-20, FOR WHEEL BOLT SILVER
13	5025158	2	WASHER, 1/2 SAE
14	5022631SX4	2	BEARING, RACE -(Not Shown)

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).

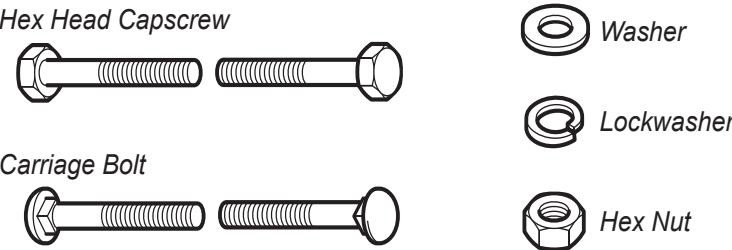
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

