



Parts Manual

Mfg. No: 5900907
S150XKAV2652, 52" 26HP Kawasaki Mid
Mount Zero-Turn Rider

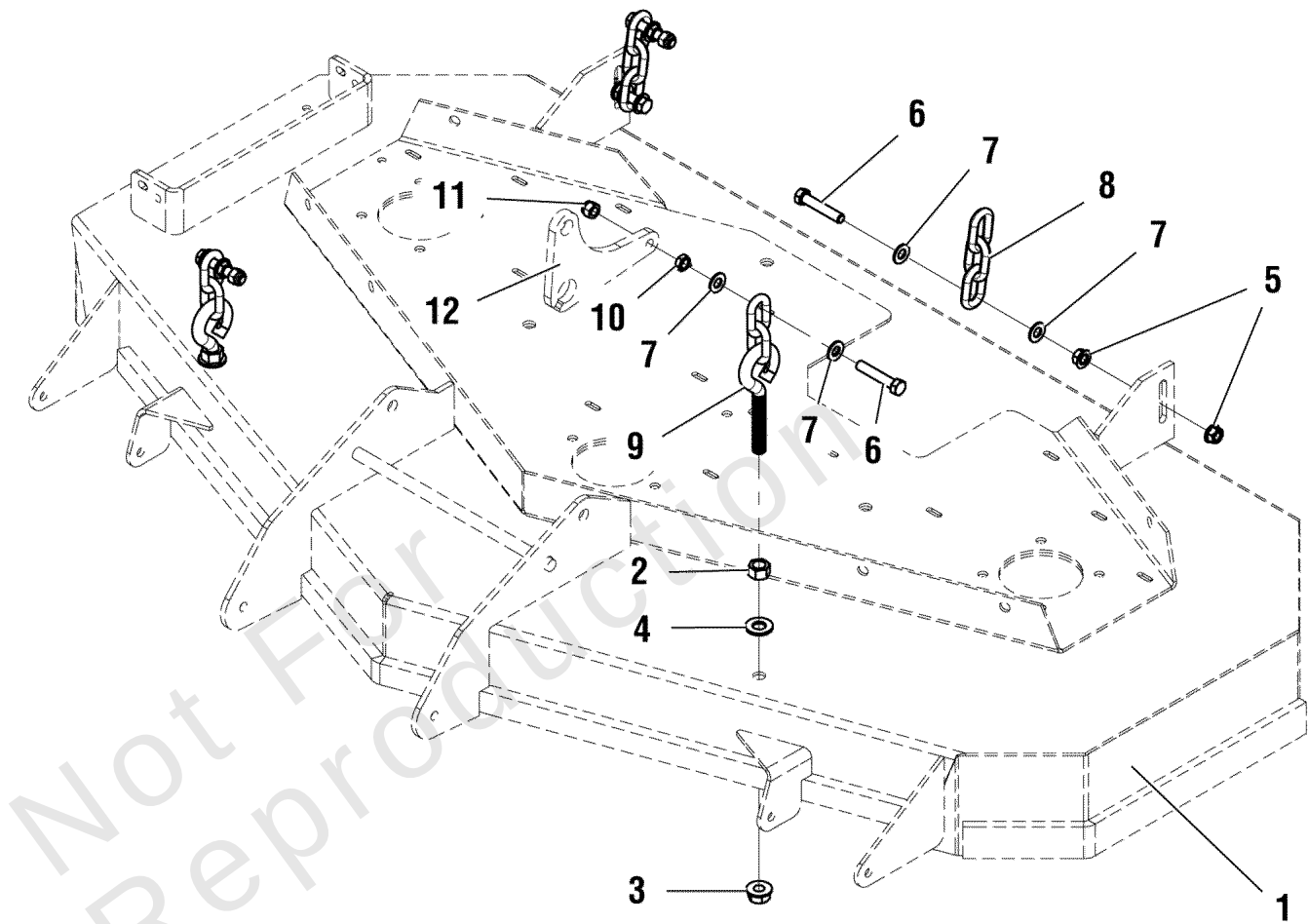
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48" & 52" Mower Deck - Hanger Chains

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5300901



48" & 52" Mower Deck - Hanger Chains

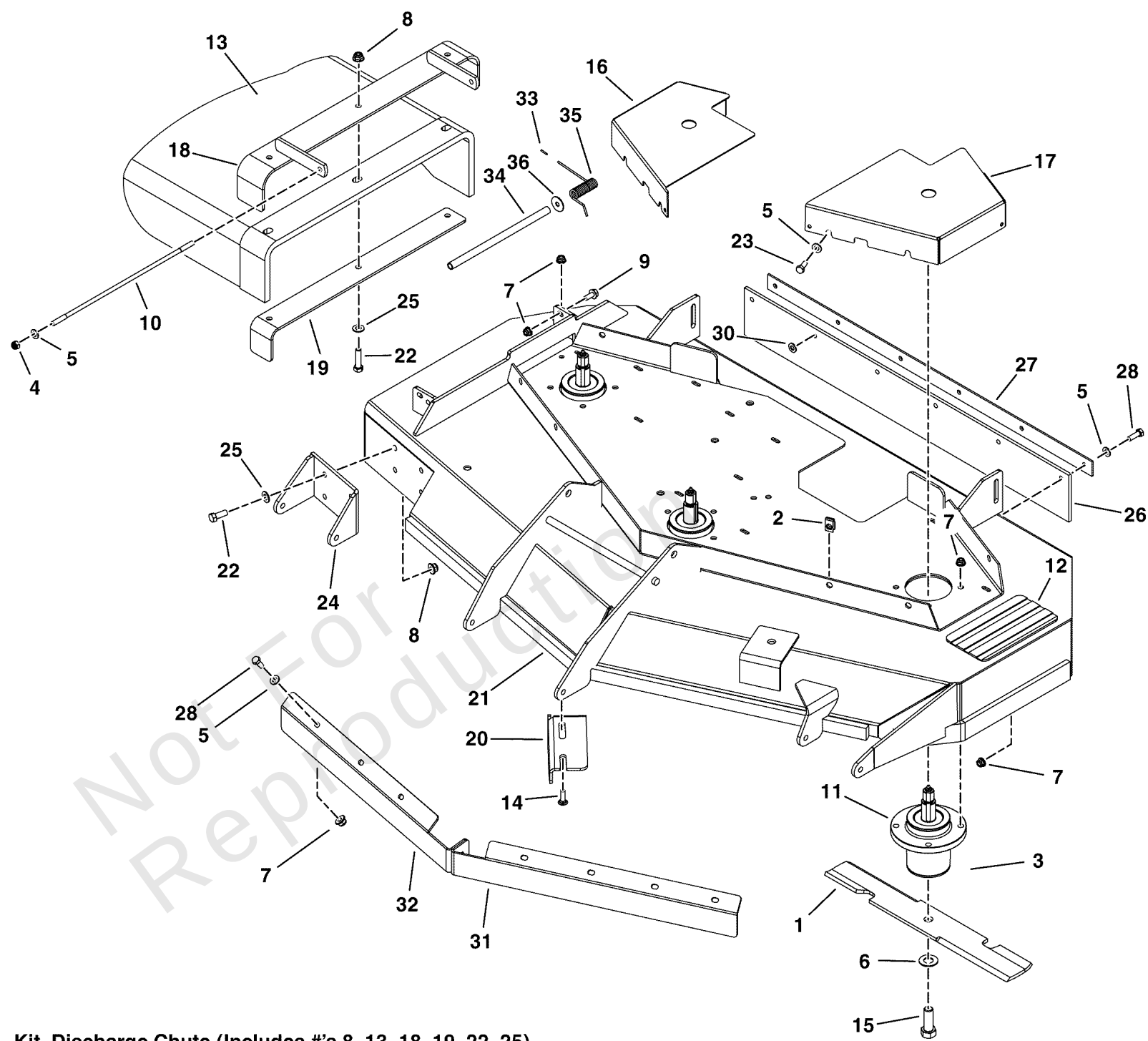
REF NO	PART NO	QTY	DESCRIPTION
1	-----		MOWER DECK -(SEE HOUSING, COVERS, SPINDLE & BLADE GROUP)
2	5025038	2	NUT, 1/2-13 HEX
3	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
4	5025158	2	WASHER, 1/2 SAE
5	5025128	4	NUT, 3/8-16 HEX SERRATED FLANGE
6	5025013X16	6	BOLT, 3/8-16 X 2, GD5, CZ
7	5025156	12	WASHER, 3/8 SAE
8	5050878X3	2	CHAIN, 5/16 GD30, 3 LINKS
9	5104309	2	HANGER, FRONT DECK-2LINK, 5.5" EB
10	5025084	4	NUT, 3/8-16 HEX JAM
11	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
12	-----		DECK LIFT PIVOT -(SEE DECK LIFT GROUP)

48" & 52" Mower Deck - Housing, Covers, Spindles & Blades

Note: Unless noted otherwise, use the standard torque specifications

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5300905A



29 - Kit, Discharge Chute (Includes #'s 8, 13, 18, 19, 22, 25)

48" & 52" Mower Deck - Housing, Covers, Spindles & Blades

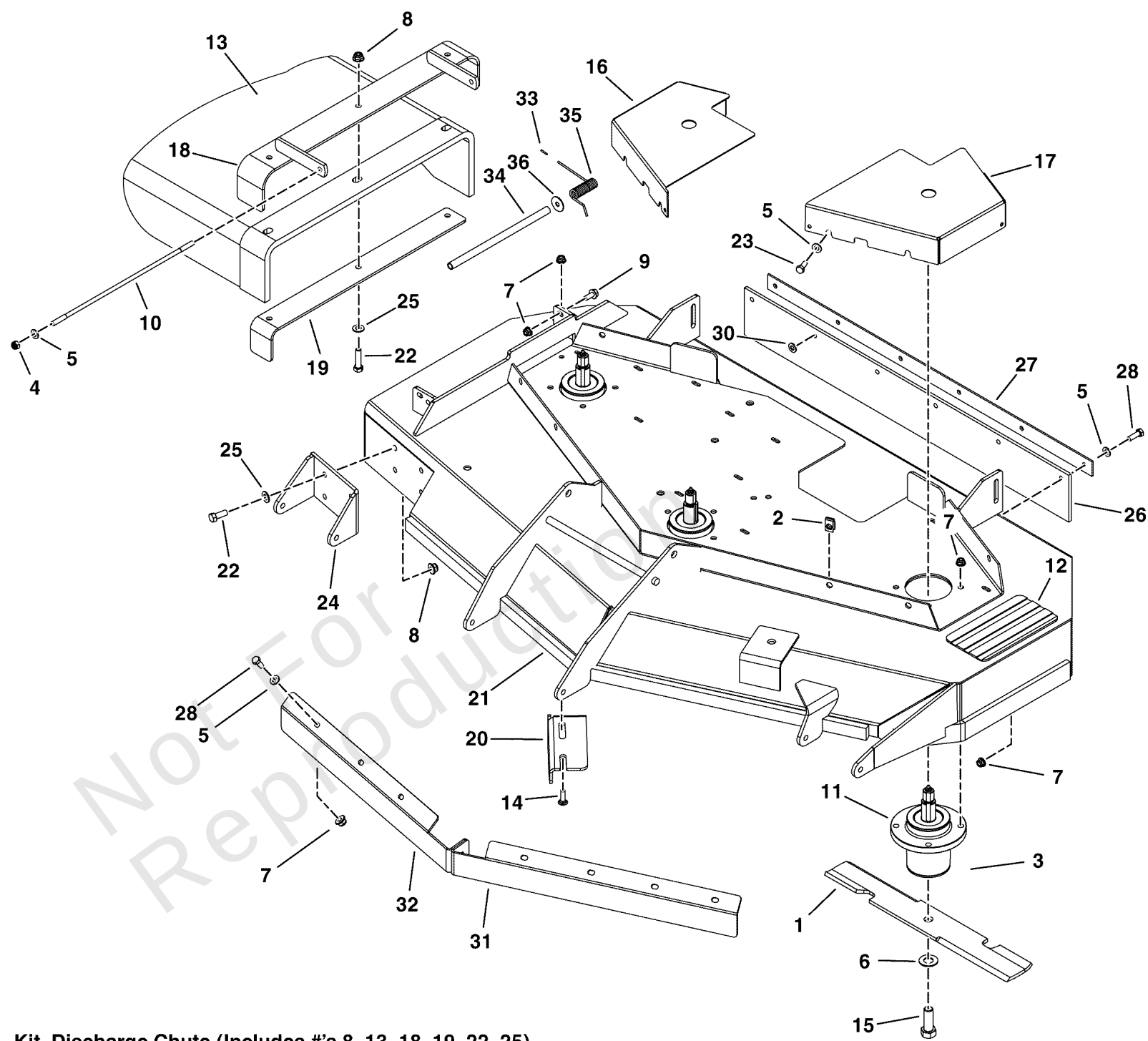
REF NO	PART NO	QTY	DESCRIPTION
1	5101756S	3	BLADE, 18 X .25 X 2.5, 1 X 3.5 (SET OF THREE) -(52" Models)
1	5101986S	3	BLADES, SET OF THREE (3); 16.25 X.25 X 2.5, 1 X 3.5 -(48" Models)
2	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
3	5023156	12	BOLT, Flange Head, 5/16-18 x 1-1/4
4	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
5	5025155	14	WASHER, 5/16" SAE
6	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
7	5025392	22	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
8	5025394	7	NUT, 3/8 - 16 HEX NYLOCK FLANGE
9	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
10	5061300	1	ROD, MOUNT, CHUTE, 61, CZ -(52" Models)
10	5042555	1	ROD, 5/16 X 13.75, TBE, CZ -(48" Models)
11	5061095	3	SPINDLE, ASSM, ALUMINUM - 5.25 -(Nut and Washer sold seperately)
12	5101004	1	SAFETY WALK, 4.00 X 7.50
13	5402404	1	CHUTE, DISCHARGE, BEND RUBBER, 44/48/52 (5100842) -(48" Models)
13	5402403	1	CHUTE, DISCHARGE, RUBBER, 61/72, BENT -(52" Models)
14	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
15	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
16	5405037D	1	GUARD, 52" DECK - RH - RED -(52" Models)
16	5049881D	1	GUARD, 48 DECK - RH -RED -(48" Models)
17	5061811D	1	GUARD, 52" DECK - LH - RED -(52" Models)
17	5049882D	1	GUARD, 48 DECK - LH -RED -(48" Models)
18	5061293D	1	WELD, FRAME, CHUTE, 61 / 72 - RED -(52" Models)
18	5407842A	1	WELD, FRAME, CHUTE, 48/52 - BLK -(48" Models)
19	5402360A	1	SUPPORT, DISCHARGE CHUTE, 61/72 - BLK -(52" Models)
19	5402362A	1	SUPPORT, DISCHARGE CHUTE, 44/48/52 - BLK -(48" Models)
20	5401344A	1	PLATE, DEFLECTOR - BLK -(48" Models)
20	5405557A	1	PLATE, DEFLECTOR, 52 DECK - BLK -(52" Models)
21	5600549	1	DECK SHELL W/ DECALS, 48 - S150X -(48" Models)
21	5600524	1	DECK SHELL W/ DECALS, 52 - S150X -(52" Models)
21	5600382	1	DECK SHELL W/ DECALS, 52 - S150XCE -(52" Export Models)
22	5025013X10	6	BOLT, 3/8-16 X 1-1/4" GD5 CZ
23	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
24	5408810D	1	PLATE, BRACKET, ANTI SCALP, RH - 61 -RED
25	5025156	4	WASHER, 3/8 SAE
26	5102134	1	FLAP, STRIPER, 48 DECK -(48" Models)

48" & 52" Mower Deck - Housing, Covers, Spindles & Blades

Note: Unless noted otherwise, use the standard torque specifications

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5300905A



29 - Kit, Discharge Chute (Includes #'s 8, 13, 18, 19, 22, 25)

48" & 52" Mower Deck - Housing, Covers, Spindles & Blades

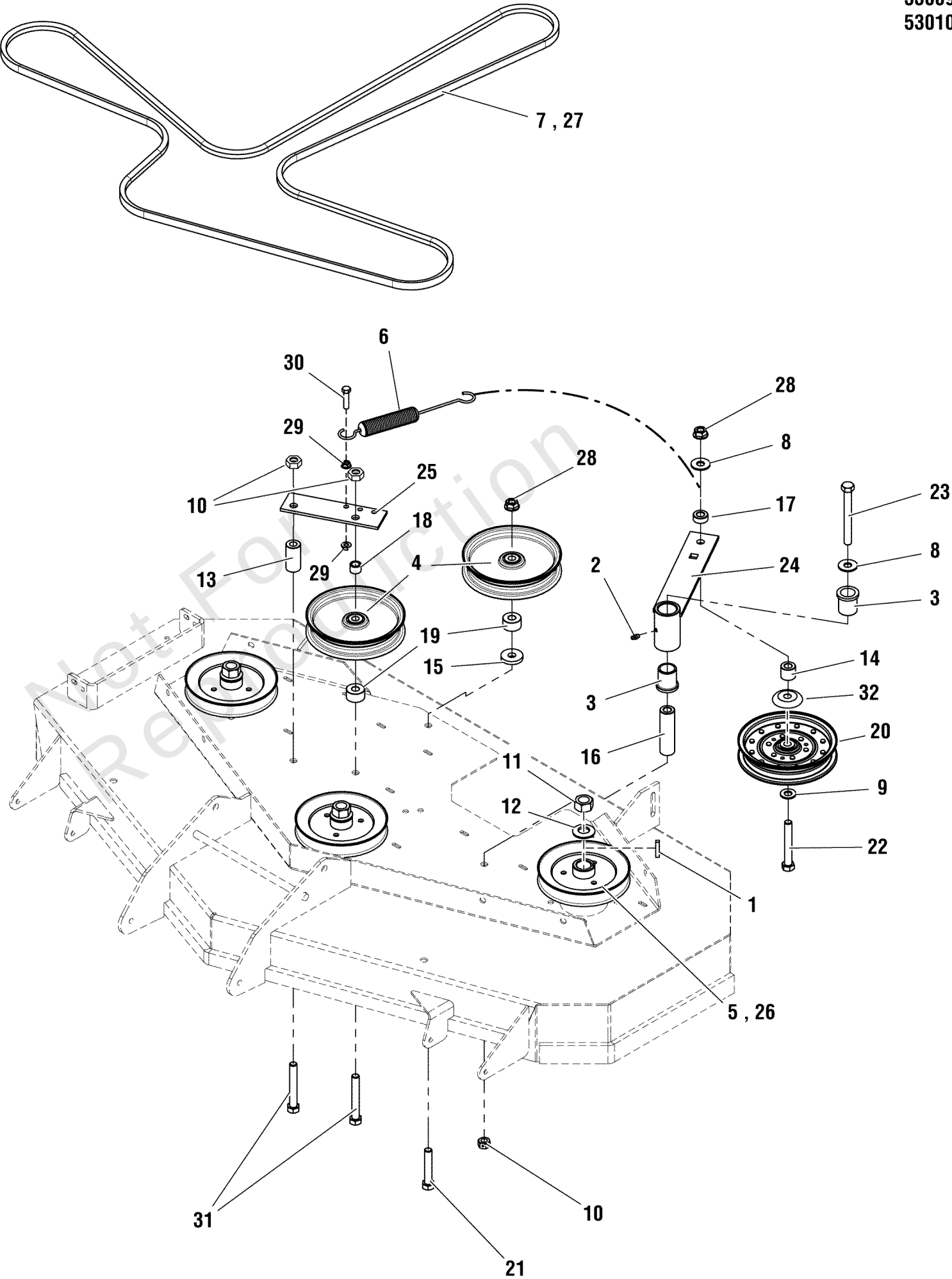
REF NO	PART NO	QTY	DESCRIPTION
26	5102015	1	FLAP, STRIPER, 61" DECK, IS3100, S200X -(52" Models)
27	5405520A	1	PLATE, SUPPORT, 48 - BLK -(48" Models)
27	5405238A	1	PLATE, SUPPORT - BLKV -(52" Models)
28	5025011X8	6	BOLT, 5/16-18 X 1" GRD5 YZ
29	5600131	1	KIT, DISCHARGE CHUTE, 61/72, SNP PRO (SV) -(52" Models)
29	5600515	1	KIT, DISCHARGE CHUTE -(48" Models)
30	5025498	2	5/16" PUSH-ON NUT RETAINER, STL, CZ
31	5406204D	1	BAFFLE, FRONT DISCHARGE, LH,S150XCE, RED -(52" Export Models)
32	5406205D	1	BAFFLE, FRONT DISCHARGE, RH,S150XCE, RED -(52" Export Models)
33	5023489	1	CAP, PROTECTOR, .120 ID -(52" Export Models)
34	5061598	1	SPACER, TORSION SPRING, 9.63 LG -(52" Export Models)
35	5023385	1	SPRING, TORSION -(52" Export Models)
36	5025164	1	WASHER, 5/16" Fender -(52" Export Models)

48" & 52" Mower Deck - Pulleys, Belt & Idler Arm

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5300906
5301029



48" & 52" Mower Deck - Pulleys, Belt & Idler Arm

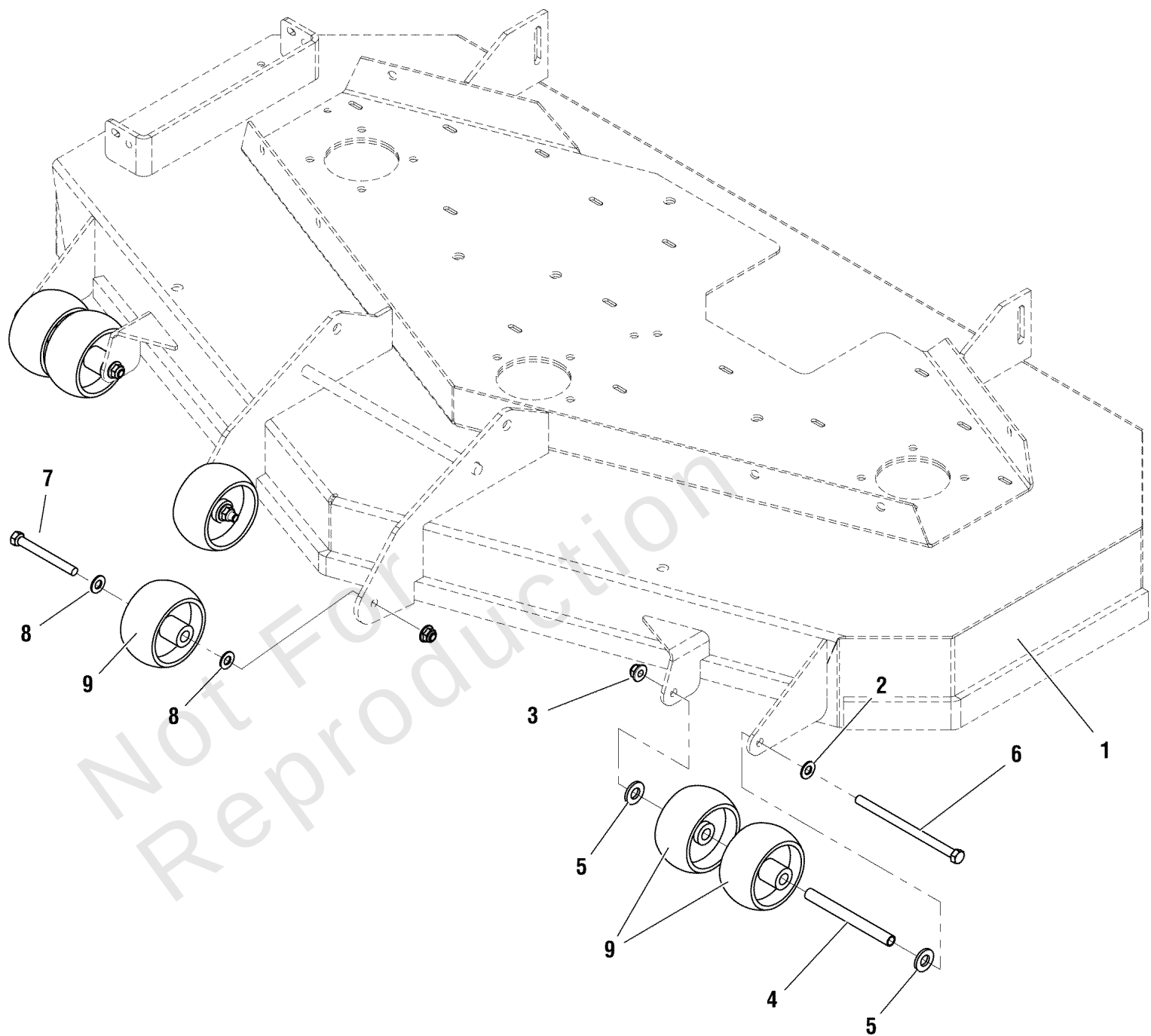
REF NO	PART NO	QTY	DESCRIPTION
1	5050407X10	3	KEY, 1/4 SQ. X 1-1/4
2	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
3	5021541	2	BUSHING, FLANGE
4	-----	2	Replace with: Pulley #5104717 & Debris Shield #5105145 -*If not present, order 5025158 - washer and 5101103 - shield.
5	5101351	3	PULLEY, 5.926 OVER BALL -(52" MODELS ONLY)
6	5023340	1	SPRING, EXTENSION, SWIVEL END
7	5104065	1	BELT, 5V, 160.60"EL, LRG ARAMID, WRP, RC -(52" MODELS ONLY)
8	5025150	2	WASHER, 1/2 USS
9	5025158	1	WASHER, 1/2 SAE
10	5025332	3	NUT, 1/2-13 HEX SIDE LOCK
11	5025405	3	NUT, 3/4-16 HEX
12	5025406	3	WASHER, 3/4 BELLEVILLE
13	5043607	1	SPACER, .50 X 1.00 X 2.00
14	5044673	1	SPACER, .52 X 1.00 X .88
15	5044913	1	WASHER, .53 X 1.50 X .25
16	5045022	1	SPACER, .52 X 1.00 X 3.50
17	5045023	1	SPACER, .52 X 1.00 X .44
18	5047027	1	SPACER, .51 X .75 X .56
19	5047142	2	SPACER, .52 X 1.25 X .70
20	5100529	1	PULLEY, IDLER, 6.75 OD X 1.62 FACE -(Make sure you have bolt # 5025017X28 & spacer 5044673)
21	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 CZ
22	5025017X28	1	BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)
23	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5
24	5407343	1	ASSM, IDLER ARM -(Includes bushings and grease fitting.)
25	5402555D	1	PLATE, SPRING ANCHOR - RED
26	5023175	3	PULLEY, 5.540OB X .985ID, SINGLE B-SEC -(48" MODELS ONLY)
27	5023297	1	BELT, # 7-8671, 147.4 -(48" MODELS ONLY)
28	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
29	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
30	5025011X10	1	BOLT, 5/16-18 X 1-1/4 GD5 YZ
31	5025017X24	1	BOLT, 1/2-13 X 3" GD5 CZ
32	5101103	1	SHIELD, PULLEY BEARING

48" & 52" Mower Deck - Rollers

Note: Unless noted otherwise, use the standard torque specifications

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5300907
5301030



48" & 52" Mower Deck - Rollers

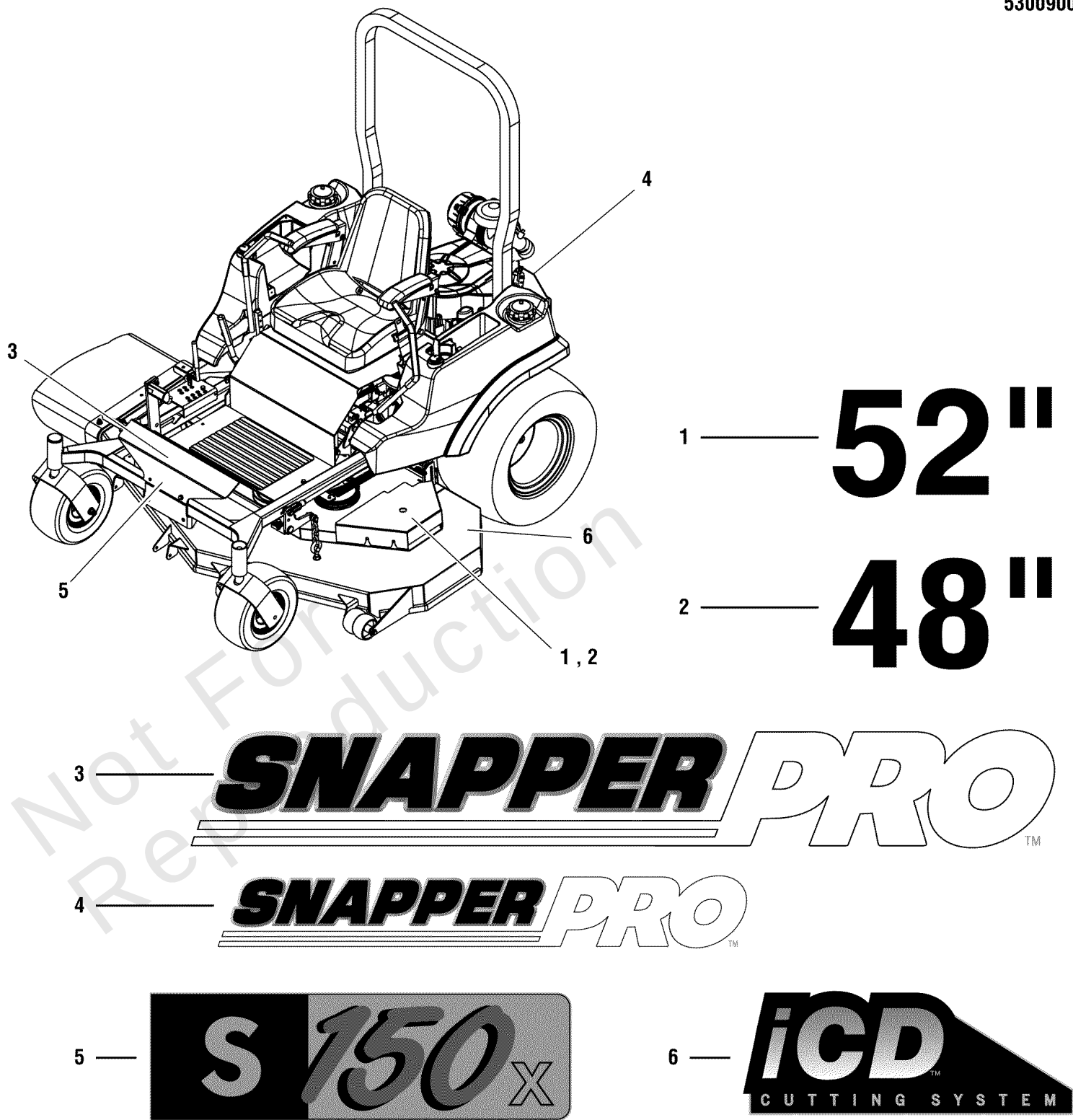
REF NO	PART NO	QTY	DESCRIPTION
1	-----	-	MOWER DECK
2	5025156	2	WASHER, 3/8 SAE
3	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5046586	2	SPACER, .38 X .50 X 5.06
5	5025158	2	WASHER, 1/2 SAE
6	5025013X48	2	BOLT, 3/8-16 X 6" GD5 CZ
7	2108765	2	BOLT-WHEEL 3/8-16X2.781 .750 THRD YELLOW
8	80003590	4	WASHER,.516IDX.875ODX.06,FLAT,ZC/CL
9	1714760	4	GAUGE WHEEL

Decal Group - Brand & Model

Note: Unless noted otherwise, use the standard torque specifications

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5300900A



Decal Group - Brand & Model

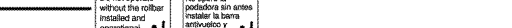
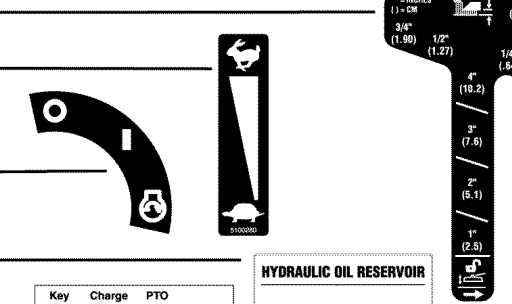
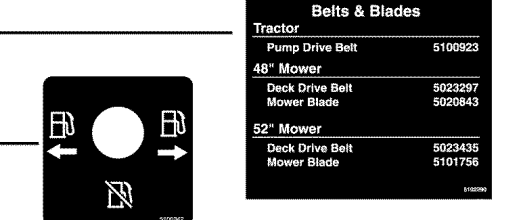
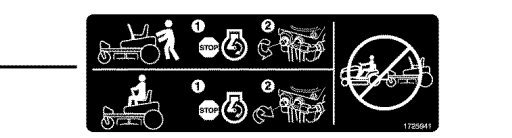
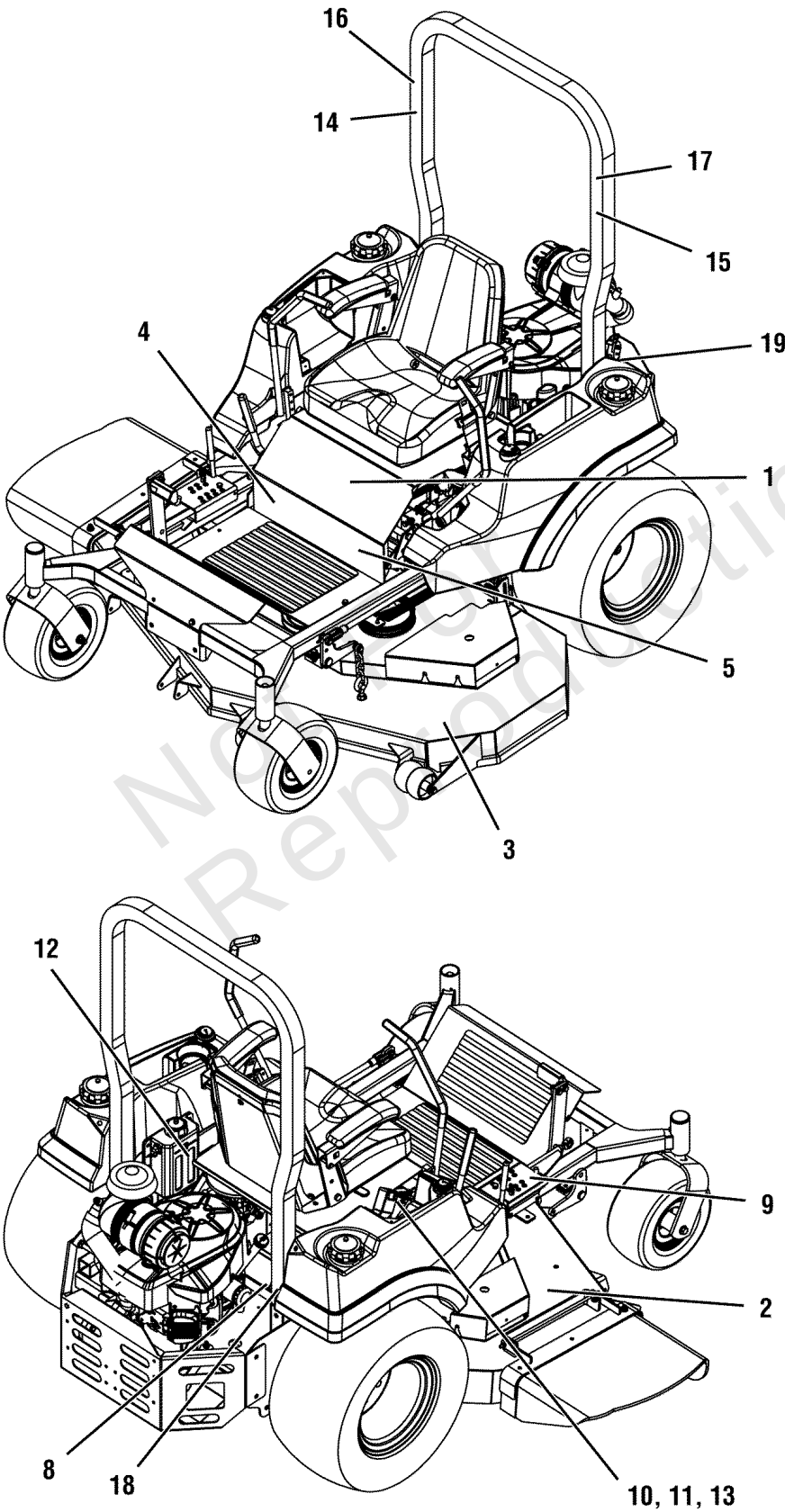
REF NO	PART NO	QTY	DESCRIPTION
1	5022812	1	DECAL, 52 -(52" Models)
2	5022811	1	DECAL, 48 -(48" Models)
3	5101256	1	DECAL, S150X, FRONT
4	5101201	1	DECAL, SNAPPER PRO, HEAT
5	5101284	1	DECAL, S150X -(S150X Models)
5	5103011	1	DECAL, S150XT -(S150XT Models)
6	5102210	1	DECAL, iCD CUTTING SYSTEM

Decal Group - Safety & Operation

Note: Unless noted otherwise, use the standard torque specifications

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5301987



Decal Group - Safety & Operation

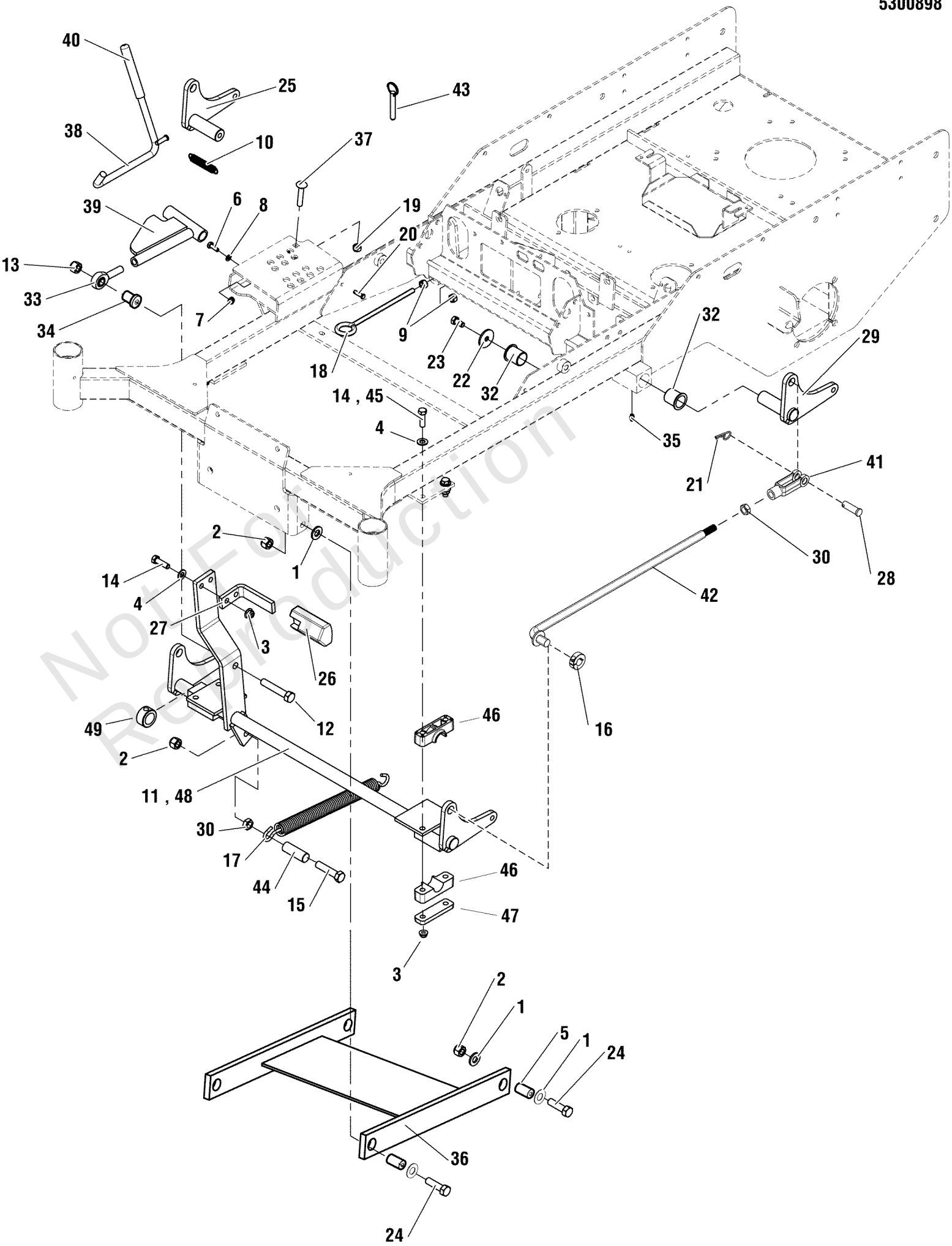
REF NO	PART NO	QTY	DESCRIPTION
1	5100097	1	DECAL, MAIN SAFETY
2	5101292	1	DECAL, DANGER, MOWER DISCHARGE
3	5100088	1	DECAL, DANGER, MOWER
4	5100708	1	DECAL, DANGER, FIRE
5	5100709	1	DECAL, DANGER, FIRE (SP)
6	1725941	1	DECAL, CZT HYDRO RELEASE
7	5101064	1	DECAL, BELT & BLADE, SNAPPER PRO 48/52
8	5100342	1	DECAL, FUEL VALVE
9	5061724	1	DECAL-HEIGHT CITATION
10	5100280	1	DECAL, THROTTLE CONTROL
11	5048970	1	DECAL, IGNITION SWITCH
12	5100957	1	DECAL, OIL RESEVOIR
13	5046503	1	DECAL, FUSE LOCATION
14	5100405	1	DECAL, WARNING, ROLL BAR (SV)
15	-----	1	NLA - DECAL, WARNING OVERHANG, ROPS (SP)
16	-----	1	ORDER PART NUMBERS 51004082 & 5104083
17	-----	1	NLA - DECAL, WARNING & CAUTION, ROPS (SP)
18	5100683	2	DECAL, WARNING, ROLL BAR
19	5100684	2	DECAL, WARNING, ROLL BAR, SP

Deck Lift Group

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5300898



Deck Lift Group

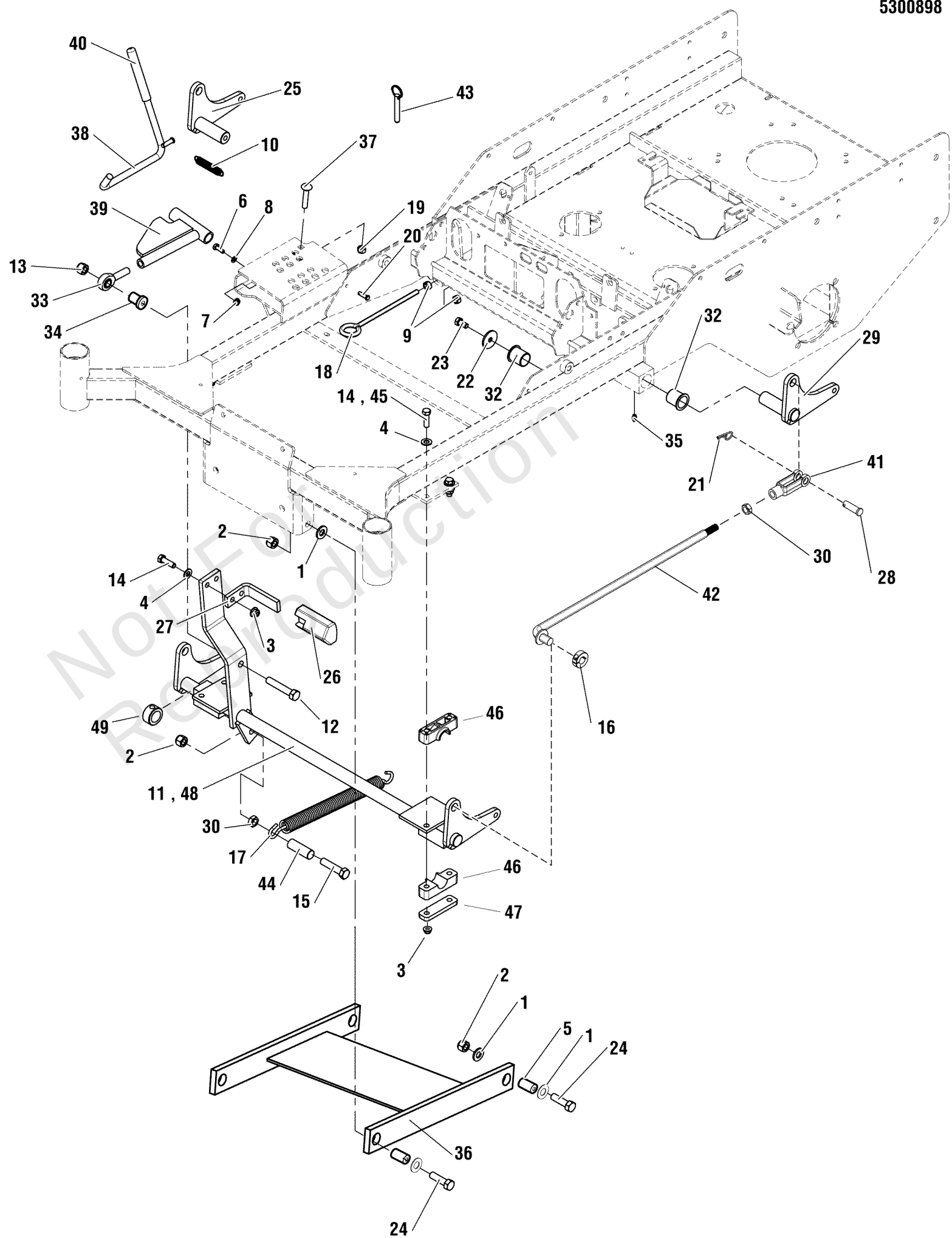
REF NO	PART NO	QTY	DESCRIPTION
1	5025440	12	WASHER, 1/2 GD9 YZ
2	5025098	5	NUT, Hex, Nylon Lock, 1/2-20
3	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5025156	14	WASHER, 3/8 SAE
5	5020870	4	INSERT, BEARING
6	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
7	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
8	5025154	2	WASHER, 1/4 SAE
9	5025034	2	NUT, 3/8-16 HEX
10	5020639	1	SPRING, EXTENSION
11	5402933D	1	WELD, SHAFT, DECK LIFT, SNP -(S/N: 2013206817 & Below)
12	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 CZ
13	5025396	1	NUT, Hex Flange, Nylock, 1/2-13
14	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ -(S/N: 2013206817 & Below Qty. 6)
15	5025018X18	1	BOLT, 1/2-20 X 2-1/4 GD5 CZ
16	5020441	2	COLLAR, 5/8" SPLIT
17	5023355	1	SPRING, DECK LIFT ASSIST
18	5021811	1	EYE BOLT, 3/8-16 X 8", 1" EYE
19	5025100	1	NUT, 3/8-16 HEX SIDE LOCK
20	5025212X7	1	PIN, CLEVIS, 1/4 X 7/8, PLATED
21	5025210	2	PIN, HAIR, .0915 X 1-7/8
22	5100548	4	WASHER, .390 X 1.50 X .109, YZ
23	5025443	4	BOLT, 3/8-16 X 3/4, GD5, YZ WITH PATCH
24	5025018X14	4	BOLT, 1/2-20 X 1-3/4" GD8 CZ
25	5402815A	1	PIVOT, DECK LIFT WELD - RIGHT - BLK
26	5104262	1	PEDAL, Rubber
27	5061569A	1	PEDAL, FOOT - BLK
28	5025328X12	2	PIN, CLEVIS, 1/2 X 1 1/2, YZP
29	5402814A	1	PIVOT, DECK LIFT WELD - LEFT - BLK
30	5025089	7	NUT, 1/2-20 HEX JAM
31	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
32	5023343	4	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
33	5022434	1	BALL JOINT, 1/2-20, MALE
34	5061670	1	SPACER, .53 X 1.00 X 1.00
35	5020020	2	GREASE FITTING, 1/4-28 STRAIGHT
36	5403315D	1	WELD, DECK STABILIZER - RED -(S150X Models)
36	5412008A	1	WELD, Deck Stabilizer - Blk -(S150XT Models)
37	5025146X16	1	BOLT, 3/8-16 X 2, CARRIAGE
38	5400719A	1	WELD, ROD DECK LIFT - BLK
39	5400769D	1	WELD, DECK ADJUST LINK - RED
40	5021880	1	GRIP, FOAM
41	5023174	2	CLEVIS, 1/2-20, STEEL
42	5101218	2	ROD, DECK LIFT ADJUSTMENT
43	5023498	1	PIN, HITCH, 1/2 X 2.00 OAL, YP
44	5050857X1	1	HOSE, 1/2" PUSH-ON, 1.00"
45	5025013X22	4	BOLT, 3/8-16 X 2-3/4" GD5 CZ -(S/N: 2013206818 & Above)
46	5100634	4	PIVOT BLOCK, PLASTIC -(S/N: 2013206818 & Above)

Deck Lift Group

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5300898



Deck Lift Group

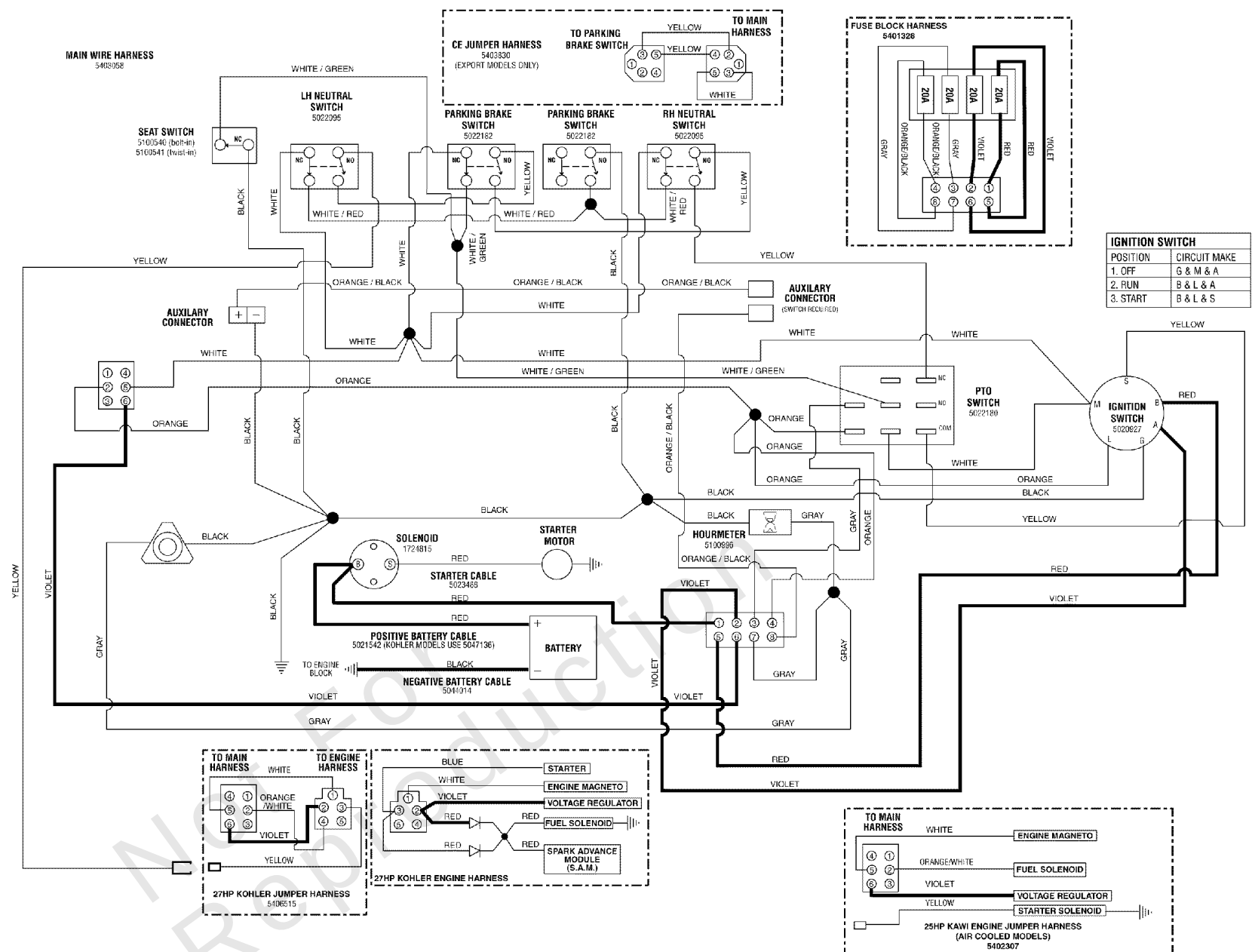
REF NO	PART NO	QTY	DESCRIPTION
47	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK -(S/N: 2013206818 & Above)
48	5404303D	1	WELD, DECK LIFT SHAFT -(S/N: 2013206818 & Above) (S150X Models)
48	5407406D	1	WELD, DECK LIFT SHAFT -(S150XT Models)
49	5048549	1	COLLAR, 1" DOUBLE SPLIT -(S/N: 2013206818 & Above)

Not For Reproduction

Electrical Schematic - Charging Circuit

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Electrical Schematic - Charging Circuit

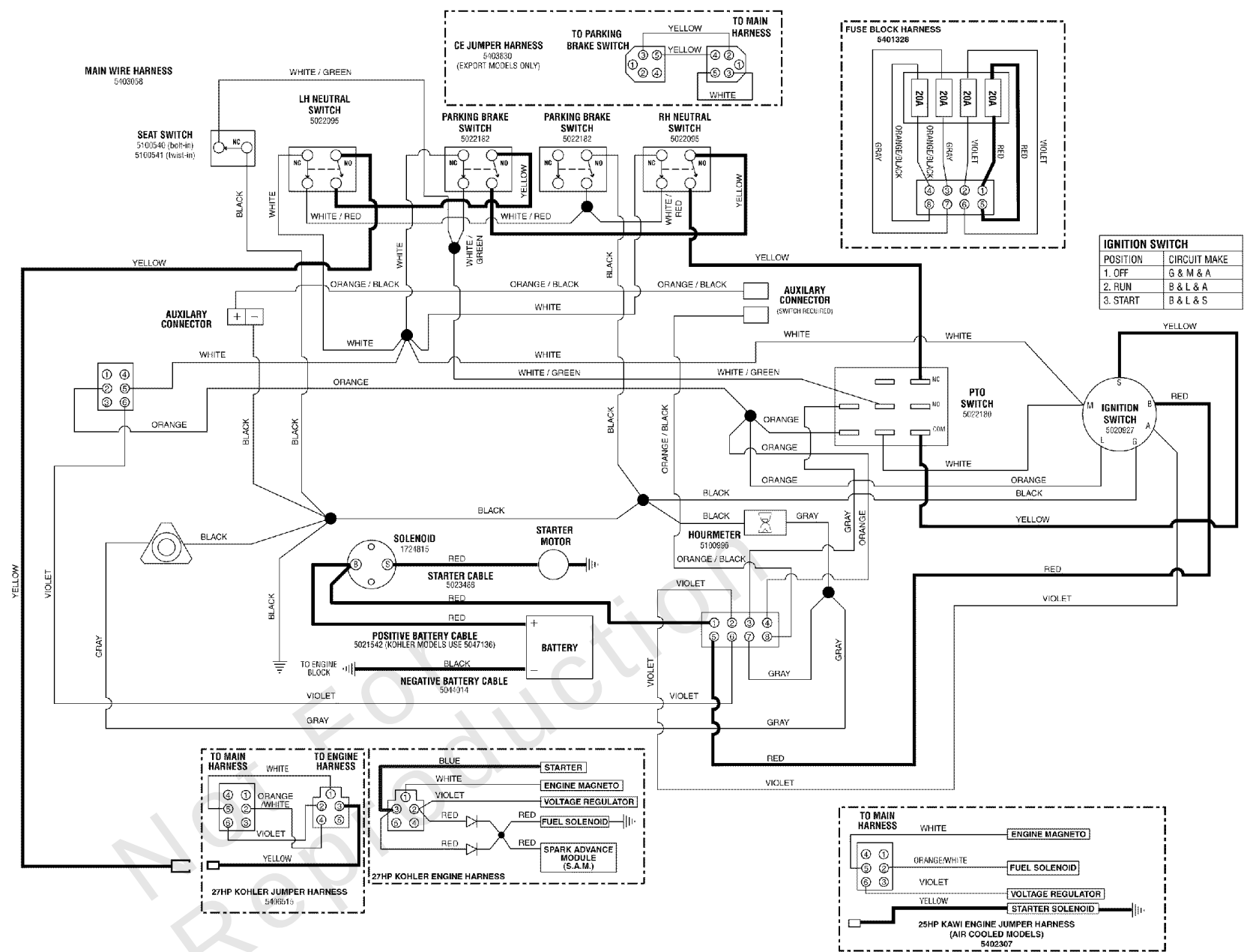
REF NO	PART NO	QTY	DESCRIPTION
5403058	5403058	1	WIRE HARNESS MAIN SNP 48/52
5401328	5401328	1	WIRE HARNESS, FUSE BLOCK - IS2000
5406515	5406515	1	WIRE HARNESS KOHLER ENGINE

Not For Reproduction

Electrical Schematic - Cranking Circuit

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Electrical Schematic - Cranking Circuit

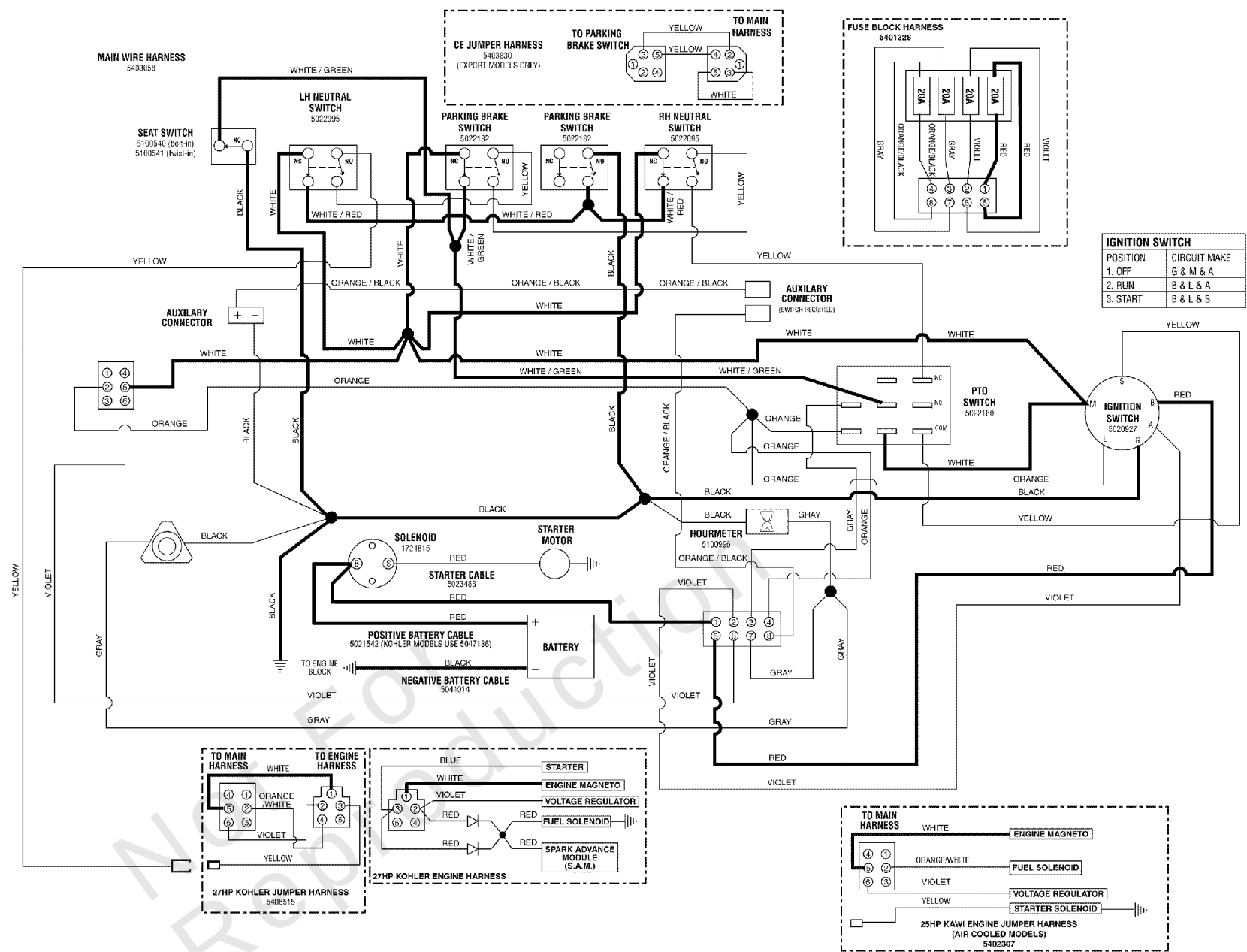
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Not For Reproduction

Electrical Schematic - Ignition Grounding Circuit / Operator Presence

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Electrical Schematic - Ignition Grounding Circuit / Operator Presence

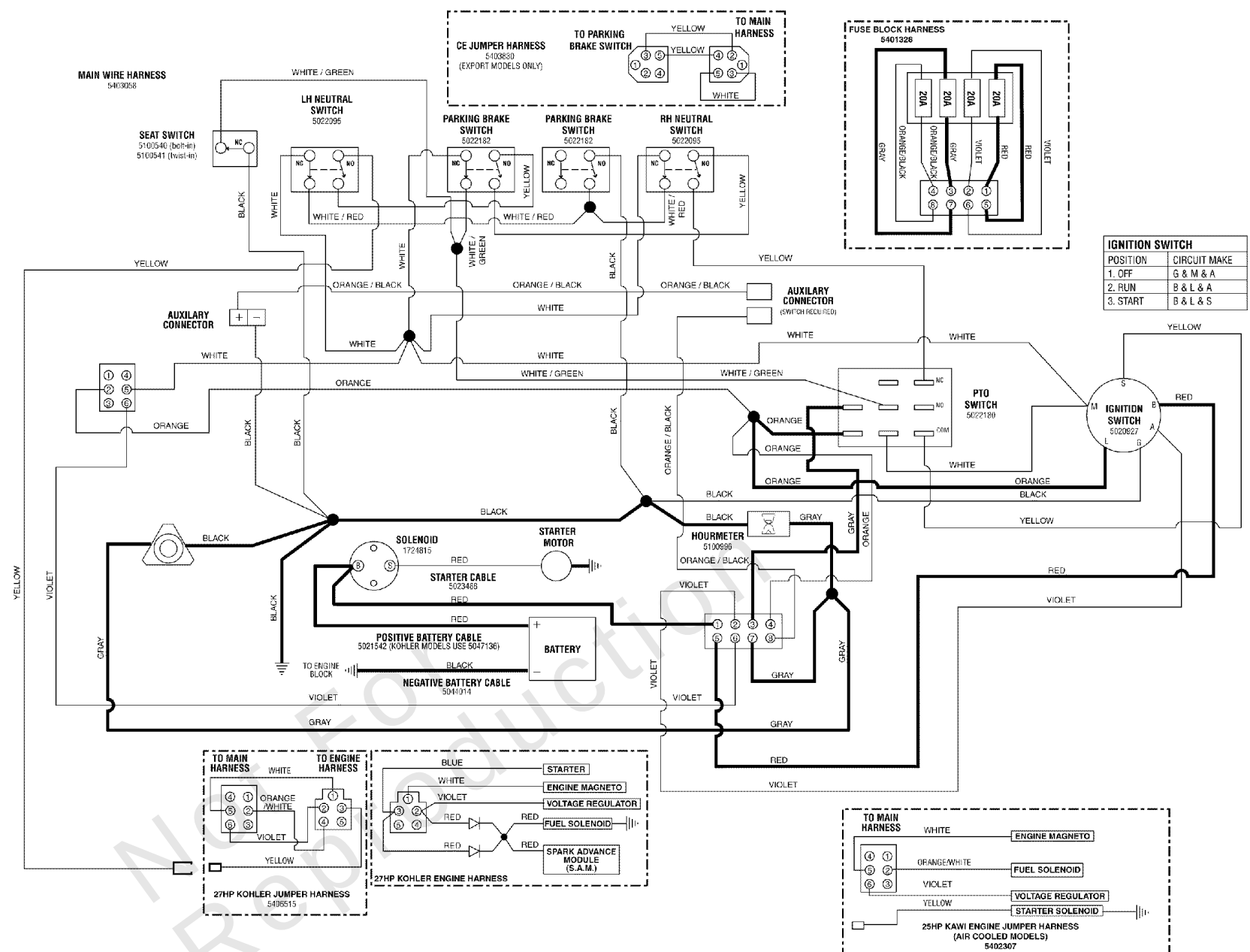
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Not For Reproduction

Electrical Schematic - PTO Circuit

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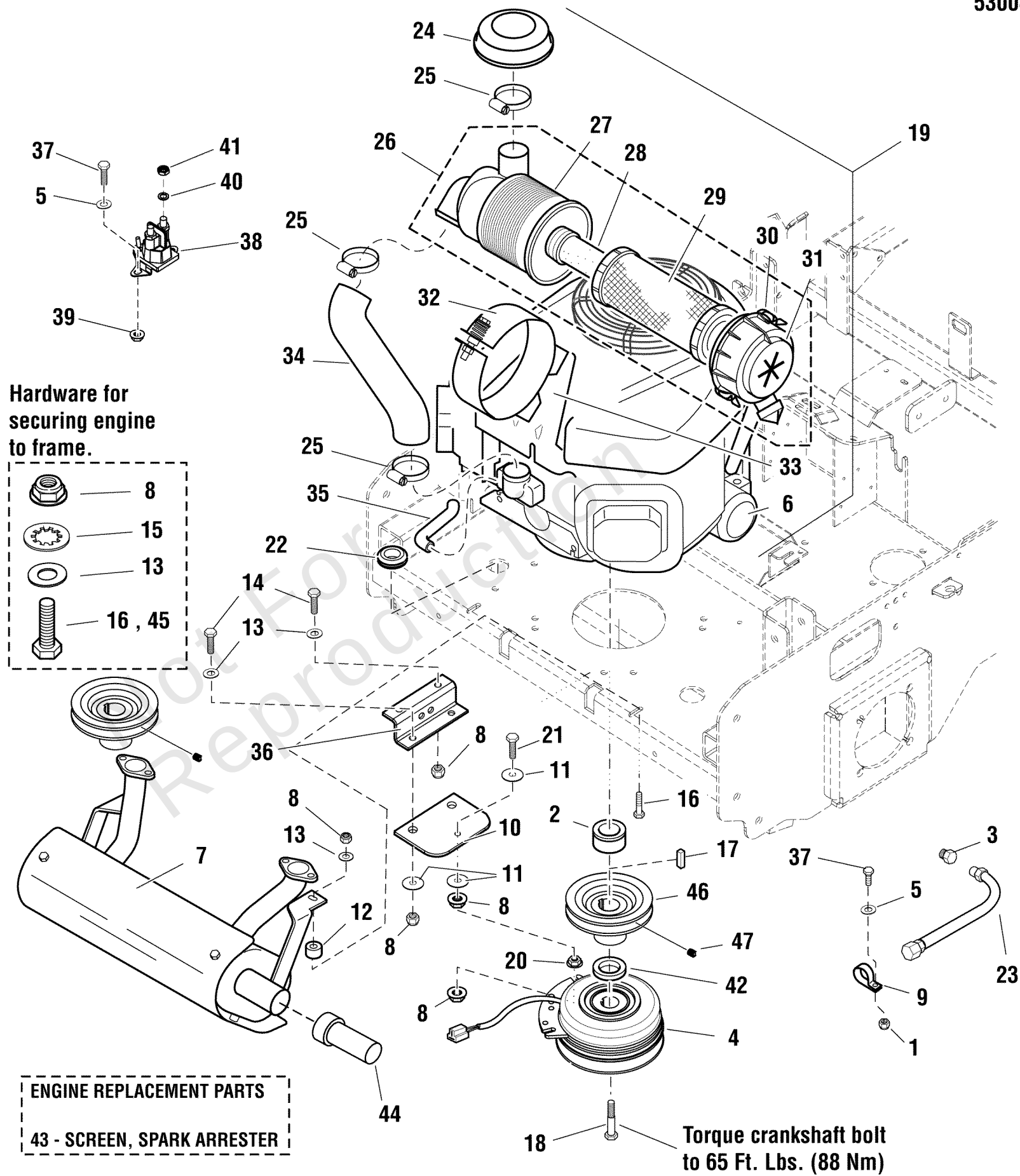


Electrical Schematic - PTO Circuit

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

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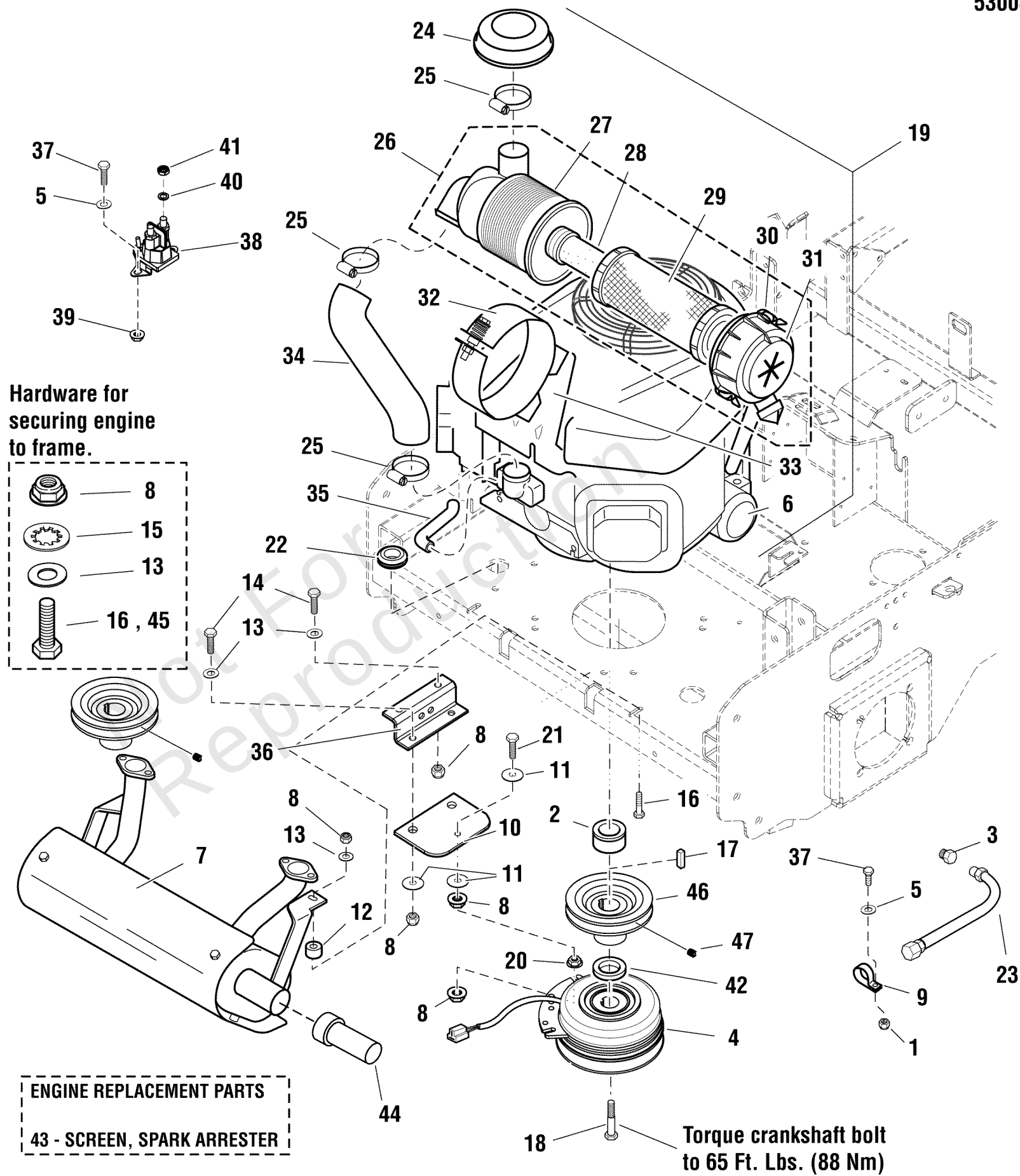
Engine & PTO Group - Kawasaki Models

REF NO	PART NO	QTY	DESCRIPTION
1	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE
2	5047033	1	SPACER, 1.13 X 1.75 X 1.03
3	5022234	1	ADAPTER, OIL DRAIN
4	5105090	1	* CLUTCH, 5218-134, WARNER
5	5025154	1	WASHER, 1/4 SAE
6	5021334X1	1	OIL FILTER (49065-2078) (SV) -(21 & 25 HP MODELS ONLY)
6	5102278X1	1	OIL FILTER -(20, 22 & 26 HP MODELS ONLY)
7	5100975	1	MUFFLER, 21HP-25HP KAWASAKI ENGINES -(21 & 25 HP MODELS ONLY)
7	5102109	1	MUFFLER, (16-20HP), KAWASAKI S50X -(20 HP MODELS ONLY)
7	5104326	1	MUFFLER, KAWI, HORIZONTAL, 5" CAN -(22 & 26 HP MODELS ONLY)
8	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE
9	5021500	1	CLAMP, VINYL INSULATED
10	5043636	1	CLUTCH ANCHOR PAD
11	5044617	4	WASHER, .34 X 1.25 X 10 GA
12	5046446	2	SPACER, .39 X 1.00 X .80
13	5025155	6	WASHER, 5/16" SAE
14	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
15	5025188	4	WASHER, 5/16" INT. TOOTH LOCK
16	5025011X14	5	BOLT, 5/16-18 X 1-3/4 GD5 YZ
17	5050407X8	1	KEY, 1/4 SQ X 1
18	5102864	1	BOLT, CRANKSHAFT, 7/16 X 2-1/2 -(Torque to 65 ft lbs (88 Nm))
19	-----	1	* ENGINE, 21HP KAWASAKI, (Mod FH641V Spec. ES25-R) -(21 HP MODELS ONLY)
19	-----	1	* ENGINE, 25HP KAWASAKI, (Mod. FH721V Spec. ES27-R) -(25 HP MODELS ONLY)
19	-----	1	* ENGINE, 20HP, KAWASAKI, FX600V -(20 HP MODELS ONLY)
19	-----	1	* ENGINE, 22HP KAWASAKI, FX651V -(22 HP MODELS ONLY)
19	-----	1	* ENGINE, 26HP KAWASAKI, FX730V -(26HP MODELS ONLY)
20	5025127	1	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
21	5025055X18	1	BOLT, 5/16-18 X 2-1/4 TFL, GD5 YZ
22	5021379	1	GROMMET, 7/8
23	5048681	1	HOSE, OIL DRAIN
24	5023143	1	RAIN COVER (SV)
25	5023146	3	CLAMP (SV)
26	5023138	1	AIR FILTER ASSEMBLY (SV)
27	5023139	1	CASE, AIR FILTER (SV)
28	5023140	1	AIR FILTER, SECONDARY (SV)
29	5023141	1	AIR FILTER, PRIMARY (SV)
30	5023147	2	CLAMP, CAP (SV)
31	5023144	1	CAP, FILTER CASE (SV)
32	5023145	1	CASE, BRACKET, COMPLETE (SV)
33	5023142	1	BRACKET PLATE (SV)

Footnotes:

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

5300892



Engine & PTO Group - Kawasaki Models

REF NO	PART NO	QTY	DESCRIPTION
34	5023149	1	AIR INLET TUBE (SV)
35	5023148	1	BREATHER TUBE (SV)
36	5046416A	1	ANCHOR, CLUTCH - BLK
37	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 YZ
38	1724815	1	SOLENOID-4 POLE 12 VOLT DC (TROMBETTA)
39	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE
40	5023217	2	WASHER, 5/16 LIGHT LOCK (SV)
41	5023216	2	NUT, 5/16-24 JAM (SV)
42	5100062	1	SPACER, 1.13 X 1.75 X .32 -(21HP & 25HP MODELS ONLY)
42	5048135	1	SPACER, 1.13 X 1.75 X .62 -(20HP & 26HP MODELS ONLY)
42	5044062	1	SPACER, 1.13 X 1.75 X .50 -(22 HP MODELS ONLY)
43	-----	1	NO LONGER AVAILABLE - SCREEN, SPARK ARRESTER
44	5104348	1	EXTENSION, TAILPIPE, 3" - BLACK -(20 HP MODELS ONLY)
45	5025532	4	BOLT,HEX FLG,SER GD5 3/8-16X1-1/4PACH CZ -(20 HP MODELS ONLY)
46	5101022	1	PULLEY, 5.15 OD X 1-1/8 BORE B-SECT
47	5025531	1	SET SCREW, 5/16-18 X 3/8, KNUURL, W/PATCH

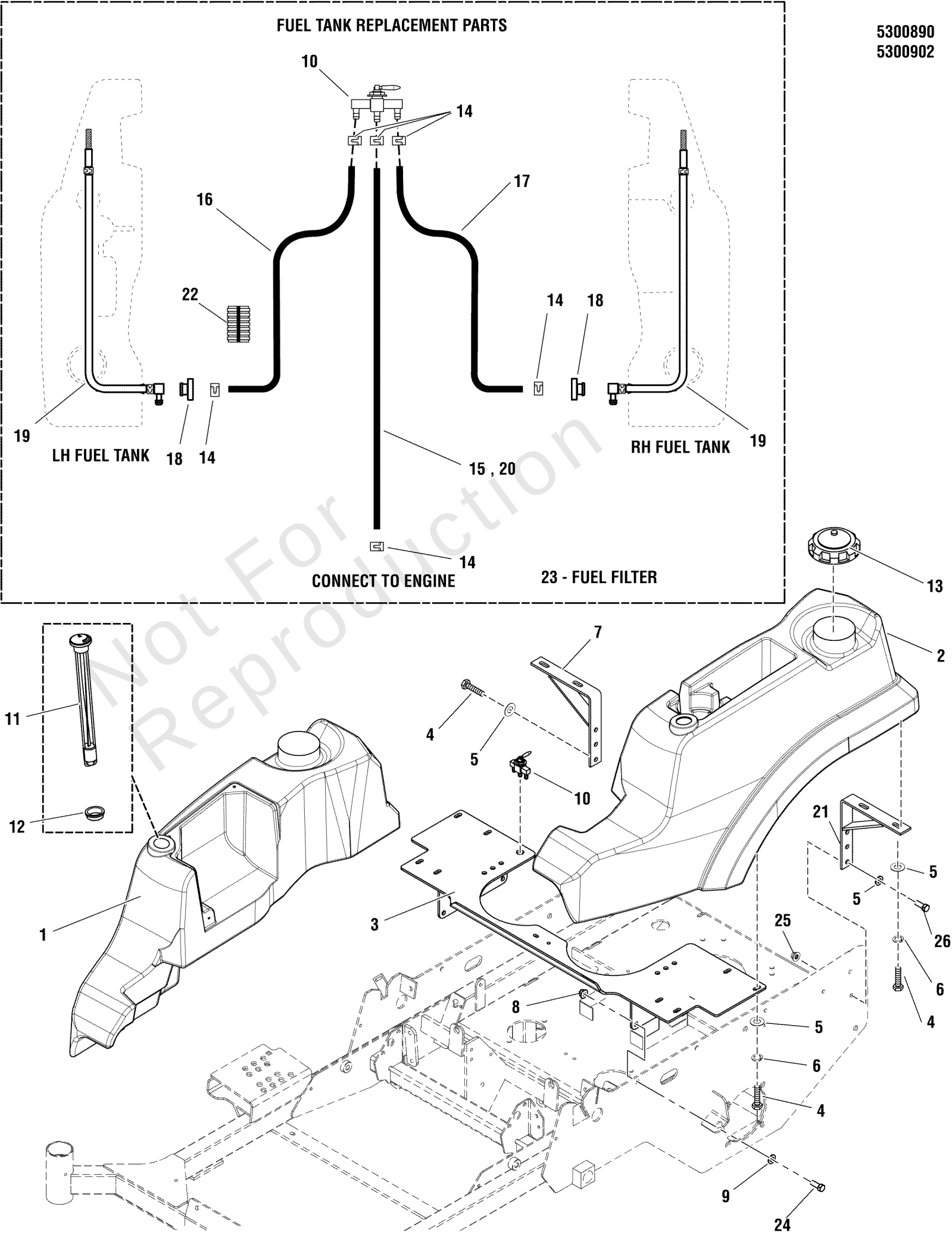
Footnotes:

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

Fuel Tank & Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907



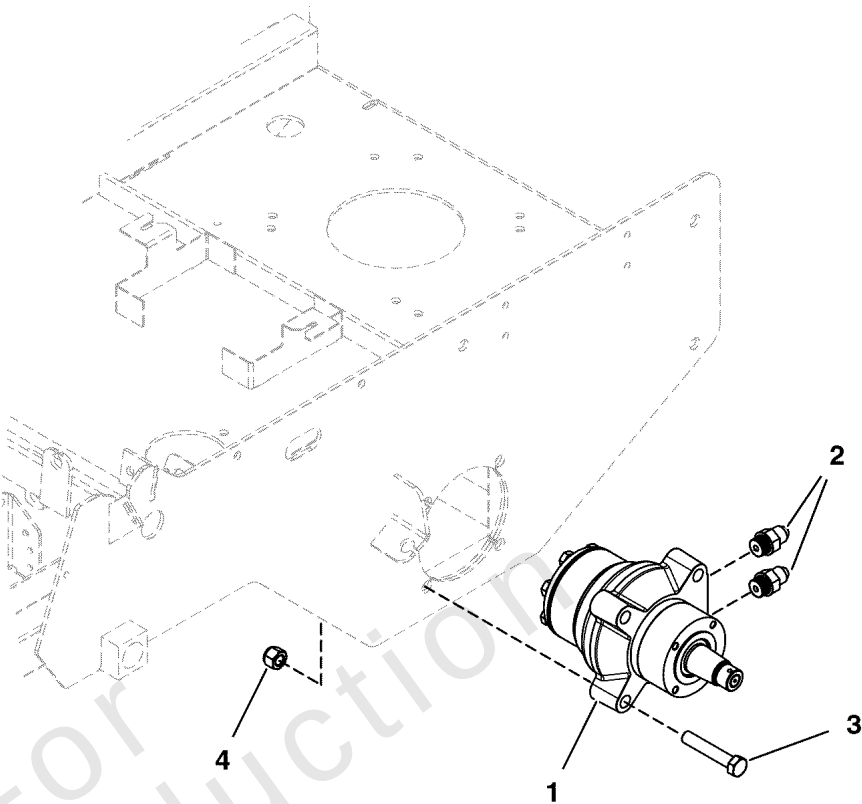
Fuel Tank & Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5101043	1	TANK, FUEL, SNAPPER PRO - RH -(S/N: 2014785118 & Below)
1	5102980	1	TANK, FUEL, SNAPPER PRO - RH -(S/N: 2014785119 & Above)
2	5101044	1	TANK, FUEL, SNAPPER PRO - LH -(S/N: 2014785118 & Below)
2	5102981	1	TANK, FUEL, SNAPPER PRO - LH -(S/N: 2014785119 & Above)
3	5402926D	1	WELD, TANK MOUNT - RED
4	5025011X6	14	BOLT, 5/16-18 X 3/4 GD5
5	5025155	16	WASHER, 5/16" SAE
6	5025170	12	WASHER, 5/16 LOCK CZ
7	5404330D	1	WELD, TANK MOUNT, REAR, RH
8	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5025156	4	WASHER, 3/8 SAE
10	5023358	1	VALVE, FUEL, STR. OUTLET
11	5022917	2	GAUGE, FUEL, 12
12	5022917X1	2	GROMMET, FUEL GUAGE (SV)
13	5101651	2	CAP, GASOLINE, VENTED -(S/N: 2014785118 & Below)
13	5103005	2	CAP, FUEL TANK, 3-1/2 NECK -(S/N: 2014785119 & Above)
14	93807	6	CLAMP, HOSE, EXTERNAL, 1/2 - RED
15	5050831X23	1	HOSE, LW PRMTN, 1/4" FUEL, 23.00" (SV) -(Kawasaki engines only)
16	5050831X48	1	HOSE, LW PRMTN, 1/4" FUEL, 48.00" (SV)
17	5050831X28	1	HOSE, 1/4" FUEL, 28.00"
18	1726400	2	BUSHING-FUEL TANK RED RUBBER
19	5101144	2	PICKUP TUBE ASSEMBLY, FUEL LINE (SV)
20	5050831X12	1	HOSE, LW PRMTN, 1/4" FUEL, 12.00" (SV) -(Kohler engines only)
21	5404331D	1	WELD, TANK MOUNT, REAR, LH
22	5050833X18	1	WIRE LOOM, 1/2 ID X 18.00" (SV)
23	5021178X3	1	FILTER, FUEL
24	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
25	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
26	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ

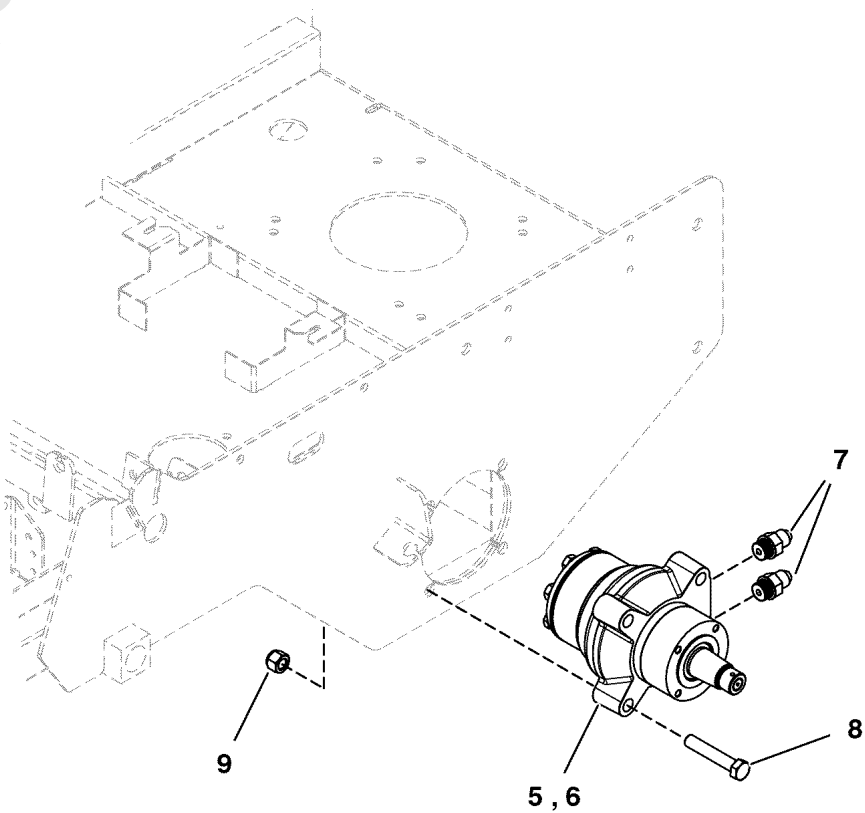
Hydraulic Components Service Group

5300895A

A S/N: 2013830719 & Below



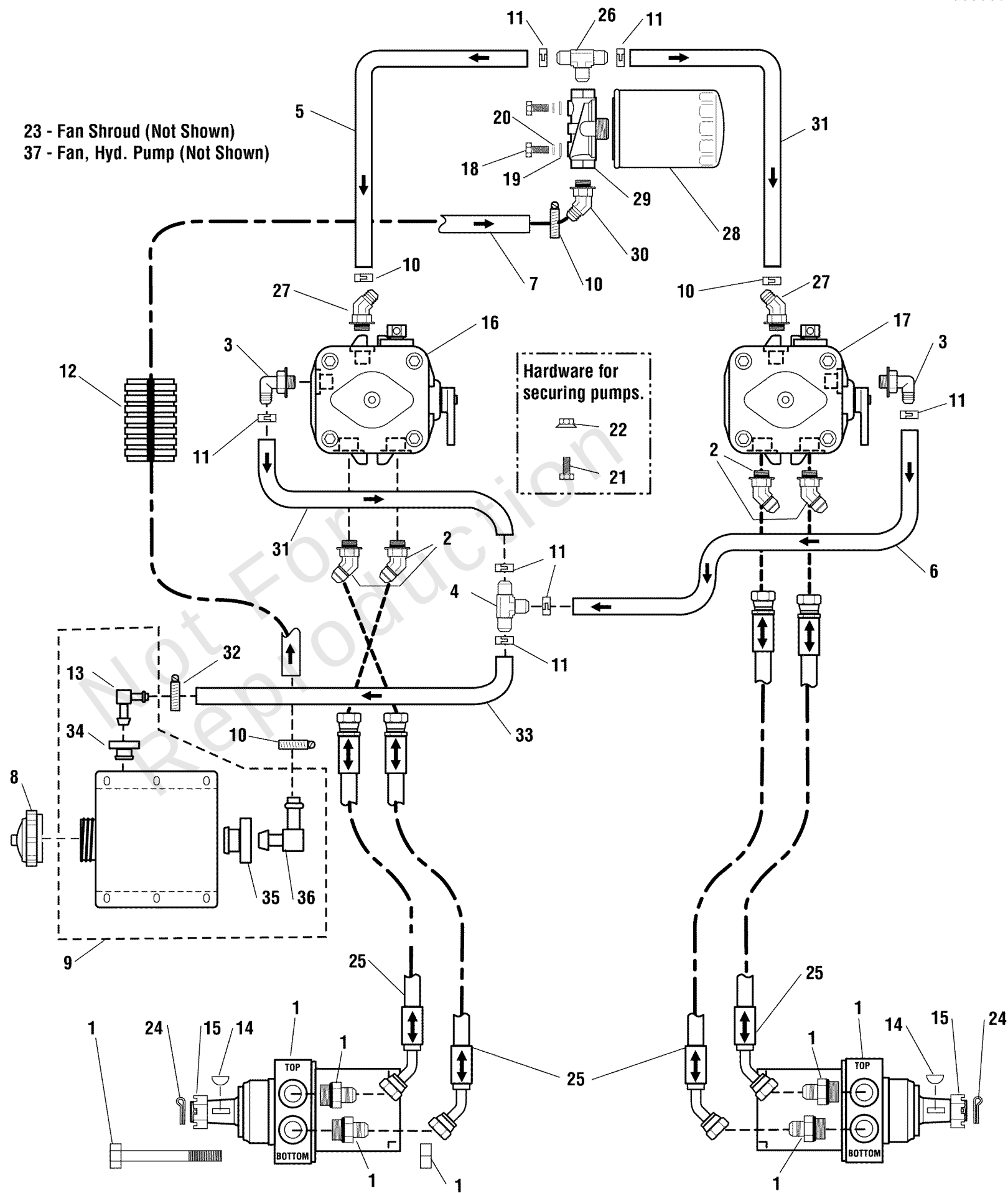
B S/N: 2013830720 & Above



Hydraulic Components Service Group

REF NO	PART NO	QTY	DESCRIPTION
1	-----	-	No Longer Available. Use "B" Service Parts
2	5022633	4	FITTING, #8 O-RING X #8 JIC, STR
3	5025017X22	8	BOLT, 1/2-13 X 2-3/4 GD5 CZ
4	5025056	8	NUT, 1/2-13 HEX NYLON LOCK
5	5102682	1	WHEEL MOTOR, RH, 14.5 CI-TF0240LS080AAKZ
6	5102681	1	WHEEL MOTOR, LH, 14.5 CI-TF0240LS081AAKZ
7	5022634	4	FITTING, #10 O-RING X #8 JIC, STR
8	5025475	8	BOLT, 1/2-13 X 2-1/2, NYLON PATCH
9	5025330	8	NUT, 1/2-13 SQUARE

5300895



Hydraulic Group

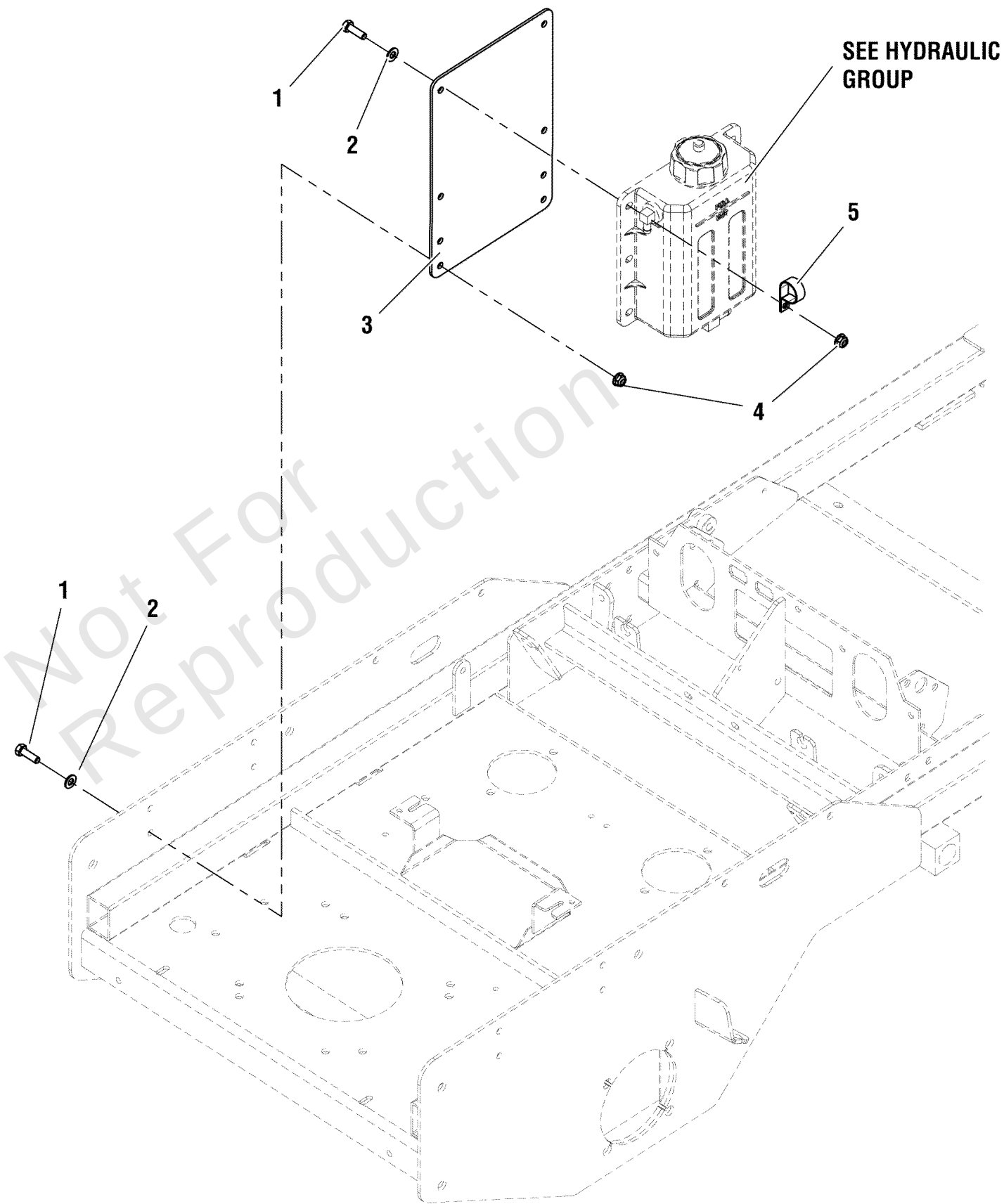
REF NO	PART NO	QTY	DESCRIPTION
1	-----	-	Refer to Hydraulic Components Service Group
2	5023338	4	FITTING, #8 JIC - #8 O-RING, 45 DEG.
3	5023267	2	ADAPTER, 90 DEG, 9/16-3/8 BARB
4	5022920	1	FITTING, TEE, 1/2 HOSE
5	5050860X7P5	2	HOSE, 3/8 PUSH-LOCK, 7.5" LONG
6	5050860X22	1	HOSE, 3/8 PUSH-LOCK, 22" LONG (SV)
7	5050933X24P5	1	HOSE, 5/8, PUSH-LOCK, 24.5" LONG
8	5100017	1	CAP, HYDRAULIC
9	5061712	1	TANK, HYDRAULIC, ASSEMBLY
10	5021164	2	CLAMP, #10 HOSE, STAINLESS
11	5023268	5	CLAMP, HOSE
12	5100384X20	1	LOOM, CONVOLUTED SPLIT, 1 ID X 20 IN
13	5023118	1	FITTING, ELBOW, 3/8" (SV)
14	5022042X2	2	KEY, WOODRUFF (SV)
15	5022042X3	2	NUT, CASTLE 1-20 (SV)
16	5100670	1	PUMP, HYDRO-GEAR, 12CC - LH
17	5100671	1	PUMP, HYDRO-GEAR, 12CC - RH
18	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
19	5025154	2	WASHER, 1/4 SAE
20	5025169	2	WASHER, 1/4 LOCK
21	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5 CZ
22	5025128	4	NUT, 3/8-16 HEX SERRATED FLANGE
23	5100162	2	FAN SHROUD
24	5025203X16	2	PIN, COTTER, 1/8 X 2
25	5102099	4	HOSE, ASSEMBLY, 22.5
26	5023266	1	ADAPTER, TEE, 9/16 - 3/8 BARB
27	5023461	2	ADAPTER, 45 DEG, 9/16-3/8 BARB
28	1719168	1	FILTER, OIL
29	5023096	1	FILTER HEAD, HYDRAULIC
30	5100678	1	FITTING, STRAIGHT, HYD #12618
31	5050860X6P5	1	HOSE, 3/8 PUSH-LOCK, 6.5" LONG
32	5022922	1	CLAMP, #4 HOSE, STAINLESS
33	5050860X20	1	HOSE, 3/8 PUSH-LOCK, 20" LONG (SV)
34	5023120	1	GROMMET (SV)
35	5023121	1	GROMMET (SV)
36	5023119	1	FITTING, ELBOW 5/8 (SV)
37	5022571X1	2	FAN, HYD. PUMP (SV)

Hydraulic Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5300903



Hydraulic Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025011X8	8	BOLT, 5/16-18 X 1 GD5 YZ
2	5025155	8	WASHER, 5/16" SAE
3	5402781D	1	PLATE, MOUNT, RESERVOIR - RED
4	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
5	5023173	1	CLAMP, HOSE, 1.000 DIA.

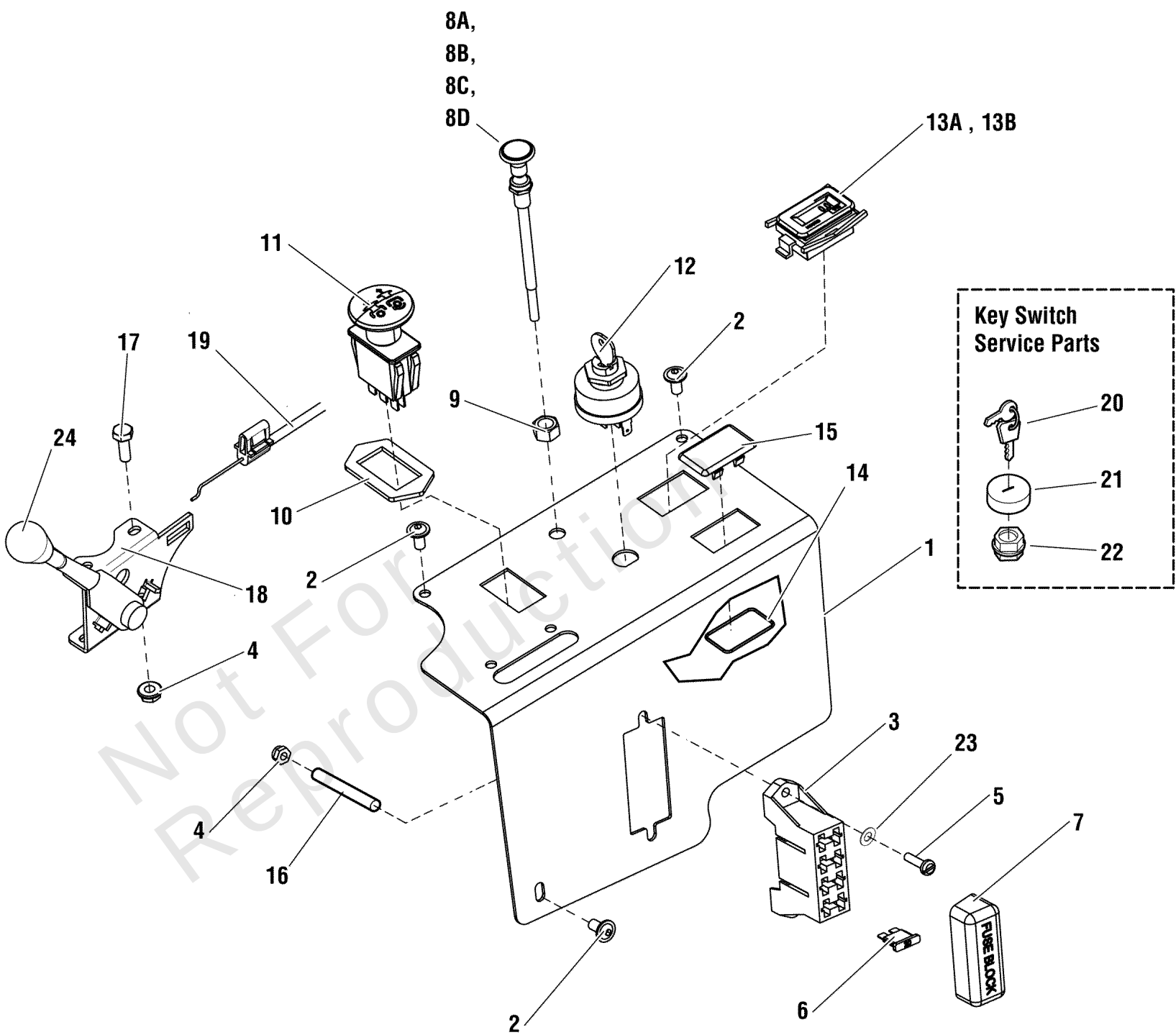
Not For Reproduction

Instrument Control Panel Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

53000891



Instrument Control Panel Group

REF NO	PART NO	QTY	DESCRIPTION
1	5402769A	1	PLATE, CONTROL PANEL, SNP - BLK
2	5025299X4	3	SCREW, ALLEN HEAD 1/4-20X.500 ZINC PHOS
3	5021518	1	FUSE BLOCK (SV)
4	5025271	4	NUT, #10-24 HEX NYLON LOCK
5	5025270X16	2	SCREW, #10-24 X 2" ROUND PHILLIPS
6	5021603	4	FUSE, ATP, 20 AMP (SV)
7	5022805	1	COVER, VINYL FUSEBLOCK
8a	5100184	1	CABLE, CHOKE, 43.5" -(Briggs & Stratton Models)
8b	5046501	1	CABLE, CHOKE, 47" -(Kawasaki Models S/N: 2014954004 & Below)
8c	5100184	1	CABLE, CHOKE, 43.5" -(Kawasaki Models S/N: 2014954005 & Above)
8d	5047912	1	CABLE, CHOKE, 56" -(Kohler Models)
9	5025035SM	1	NUT (3/8-24 HEX)
10	5022222	1	RING, SWITCH RETAINER
11	5022180	1	SWITCH, BLADE ENGAGEMENT
12	5020927	1	SWITCH, IGNITION, 6 POST
13a	-----	1	* HOUR METER, ASSEMBLY -(S/N: 2015551938 & Above)
13b	5102417	1	HOUR METER -(S/N: 2015551937 & Below)
14	5022269	1	O-RING, 7/8 ID X 1/16 W
15	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
16	5061763	2	SPACER, .20 X .38 X 1.25
17	5025179X6	2	SCREW, 10-24 X 3/4
18	5101537	1	LEVER, THROTTLE CONTROL, HEAVY-DUTY
19	5101073	1	CABLE, THROTTLE, 42"
20	5022789	1	KEY, IGNITION MOLDED SET
21	5022790	1	COVER, PLASTIC, SNAP ON
22	5022791	1	PLASTIC NUT
23	1910531SM	2	WASHER, Rivet, 3/16
24	5046360X1	1	THROTTLE CONTROL HANDLE/KNOB

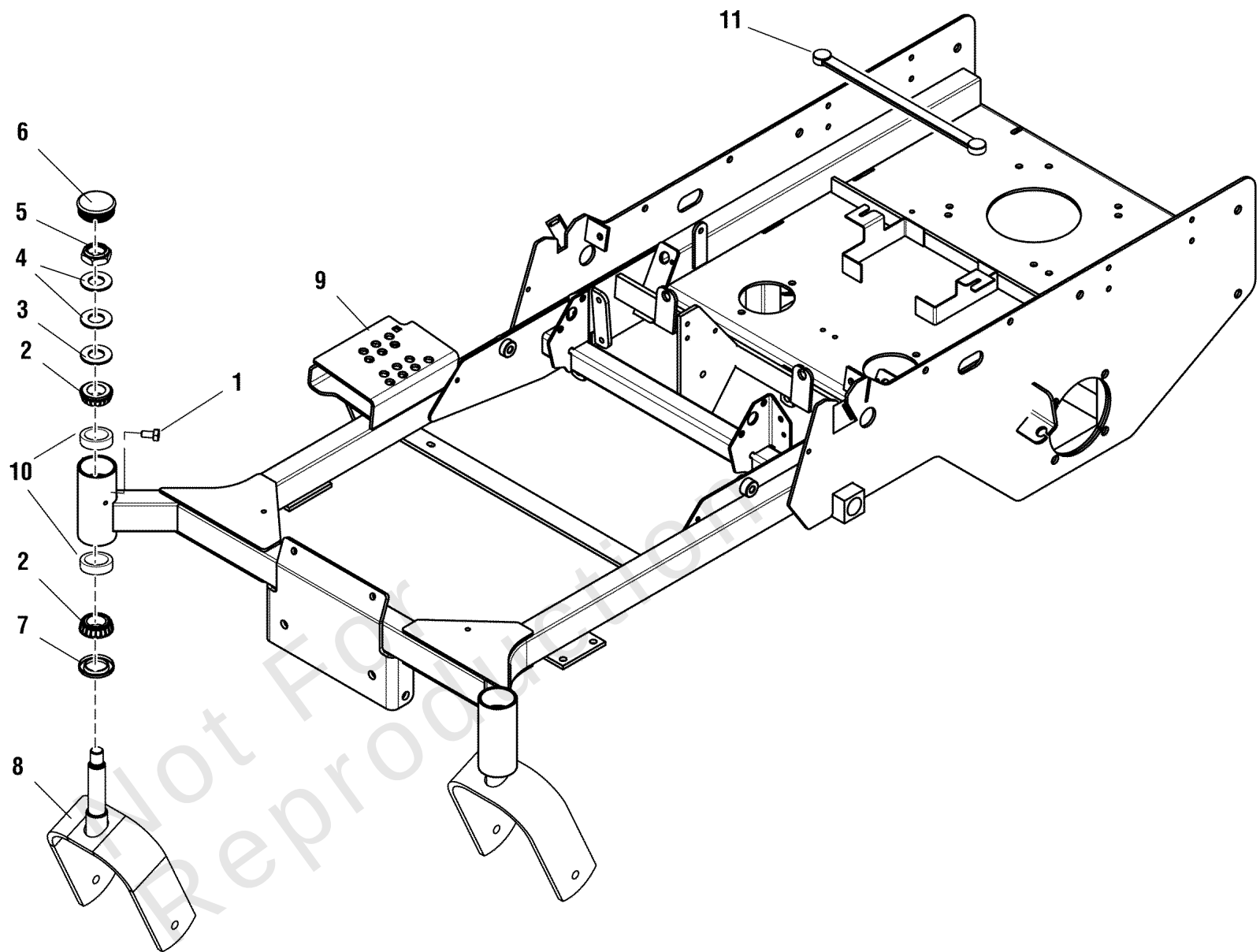
Footnotes:

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

Main Frame Group

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5900907

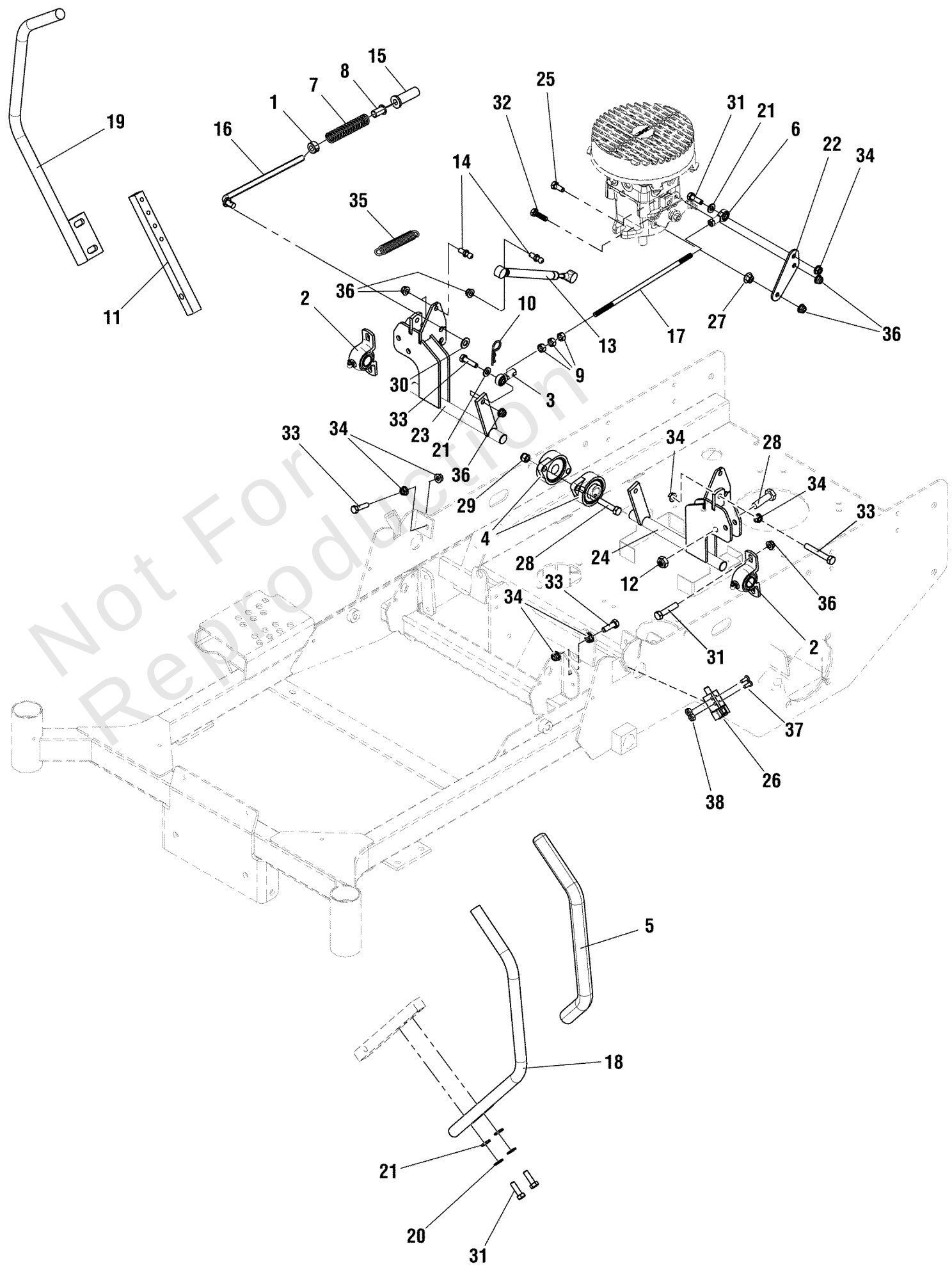
5300887



Main Frame Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
2	5020884	4	BEARING, TAPERED ROLLER, 1"
3	5025160	2	WASHER, 3/4 SAE
4	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
5	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
6	5109845	2	CAP, GREASE, LOW PROFILE
7	5021072	2	SEAL, GREASE
8	5402208D	2	WELD, CASTER YOKE - RED
9	5402927D	1	WELD, MAIN FRAME, SNP 2552 - RED
10	5020883	4	CUP, BEARING (SV)
11	1722009	1	STRAP-BLACK RUBB

5300894



Motion Control Group

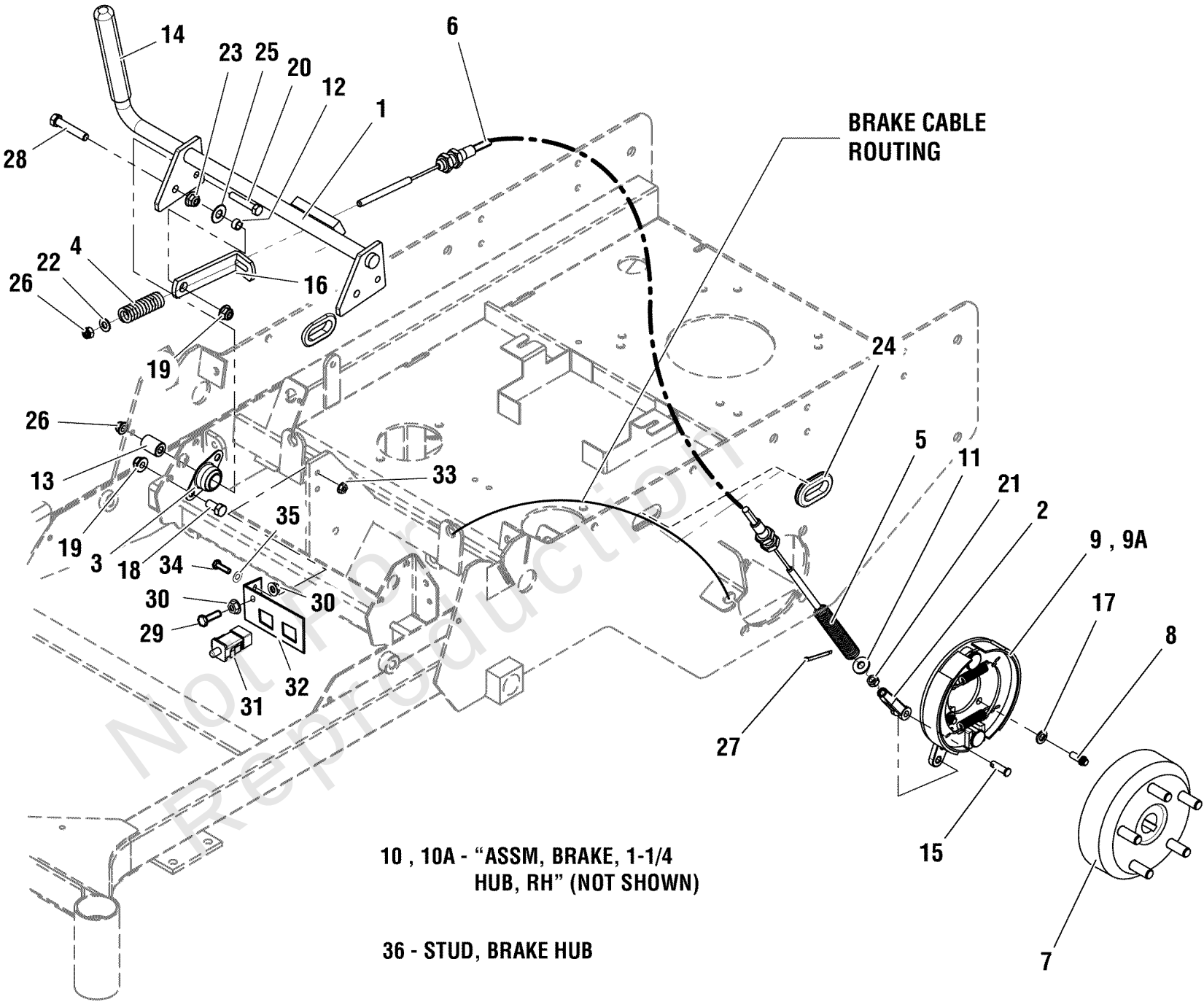
REF NO	PART NO	QTY	DESCRIPTION
1	5010546	2	COLLAR, 3/8" SET
2	5101077	2	BEARING, 3/4" PILLOW BLOCK
3	5104578	2	BALL JOINT 5/16-24 RH FEMALE STAMPED STL
4	5021499	2	BEARING, FLANGE
5	5022068	2	GRIP, FOAM, 3/4 ID, 16 LONG
6	5104579	2	BALL JOINT 5/16-24 LH FEMALE STAMPED STL
7	5022645	2	SPRING, REVERSE RETURN
8	5023260	2	BUSHING, NYLON
9	5025033	6	NUT, 5/16-24 HEX
10	5025210	2	PIN, HAIR, .0915 X 1-7/8
11	5047004A	2	MOUNT, CONTROL ARM - BLK -(9.0" Total Length, 4 Adjustment Holes)
12	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
13	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
14	5100941	4	BALL STUD, 5/16 X .50, # PC-477-2)
15	5104375	2	FLANGED BUSHING, 3/8IDX.63ODX.8125FL
16	5100947	2	ROD, NEUTRAL RETURN
17	5101135	2	ROD, HYDRO LINKAGE
18	5400636A	1	WELD, HANDLE MOTION CONTROL, LH - BLK
19	5400637A	1	WELD, HANDLE MOTION CONTROL, RH - BLK
20	5025170	4	WASHER, 5/16 LOCK CZ
21	5025155	8	WASHER, 5/16" SAE
22	5402622D	2	PLATE, PUMP SUPPORT - RED
23	5402931D	1	WELD, CONTROL SHAFT, RH, SNP 2552 - RED
24	5402932D	1	WELD, CONTROL SHAFT, LH, SNP 2552 - RED
25	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
26	1717050	2	SWITCH, PLUNGER, N.O./N.C.
27	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
28	5025013X14	6	BOLT, 3/8-16 X 1-3/4" GD5 CZ
29	5025096	8	NUT, 3/8-16 HEX NYLON LOCK
30	5025156	2	WASHER, 3/8 SAE
31	5025011X8	6	BOLT, 5/16-18 X 1 GD5 YZ
32	5025011X9	4	BOLT, 5/16-18 X 1-1/8 GD5
33	5025011X10	6	BOLT, 5/16-18 X 1-1/4 GD5 YZ
34	5025127	14	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
35	5020639	2	SPRING, EXTENSION
36	5025392	14	NUT, 5/16-18 HEX NYLOCK FLANGE
37	5025179X4	4	SCREW, #10-24 X 1/2 ROUND PHILLIPS
38	5025029	4	NUT, #10-24 HEX

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5300897



Parking Brake Group

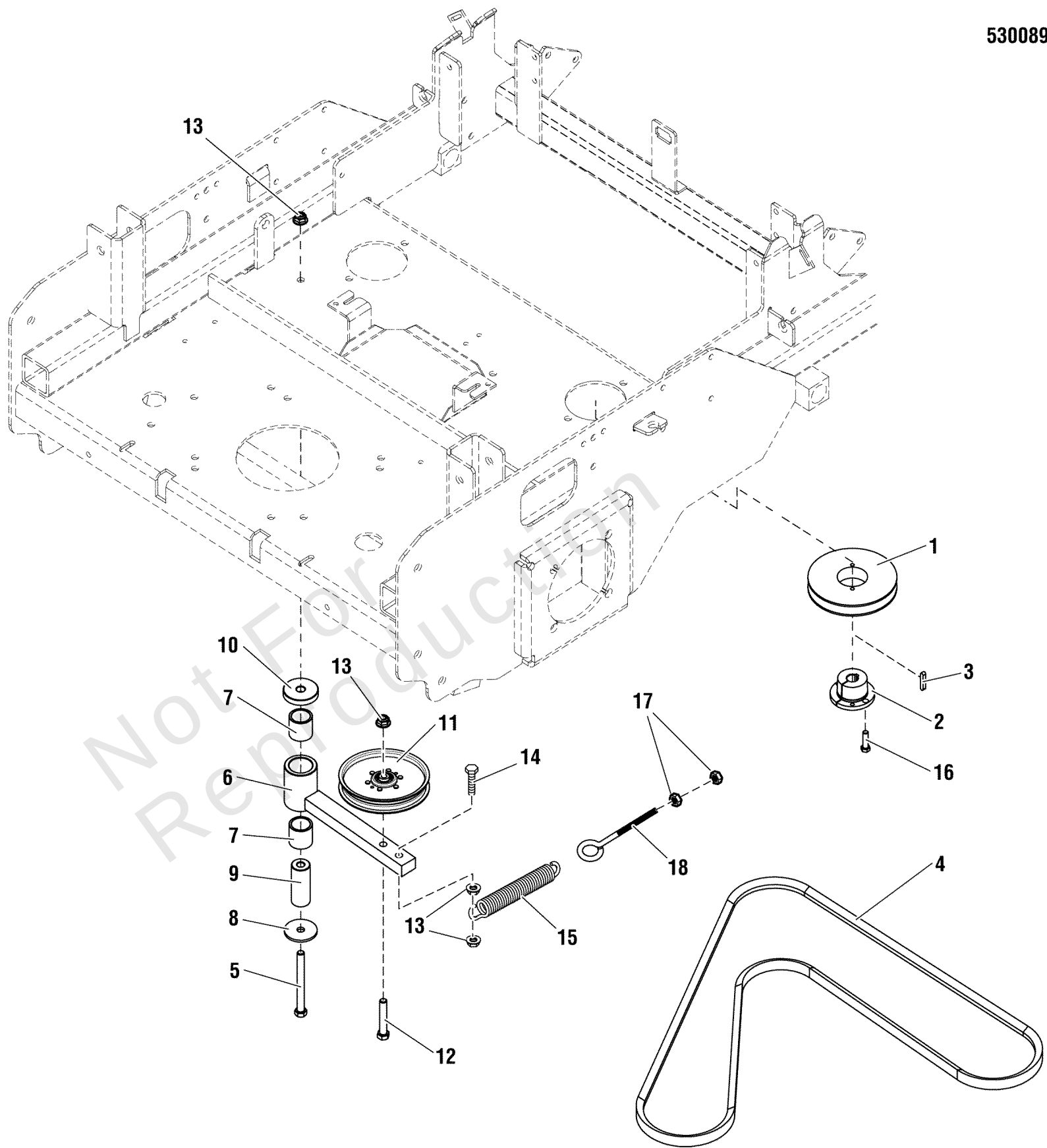
REF NO	PART NO	QTY	DESCRIPTION
1	5402928D	1	WELD, BRAKE SHAFT, SNP 2552 - RED
2	5020979	2	CLEVIS, 5/16-24, PLASTIC
3	5021098	2	BEARING, BRONZE FLANGE, 3/4
4	5022361	2	SPRING, BRAKE
5	5021494	2	SPRING, COMPRESSION, 5-1/2
6	5023324	2	CABLE, PARKING BRAKE
7	5102896YP	2	BRAKE DRUM, 5 BOLT
7-1	5102896X1	5	STUD BRAKE DRUM KNOTT -(Replacement Brake Stud with 30 tooth knurl.)
8	5023490	8	BOLT, 5/16-18 X 3/4 12PT FLANGE - PATCH
9	5023500	1	ASSM, BRAKE, 1-1/4 HUB, LH -(S/N: 2015208611 & Below)
9A	5102897	1	BRAKE SHOE ASM, LH, KNOTT -(S/N: 2015208612 & Above)
10	5023501	1	ASSM, BRAKE, 1-1/4 HUB, RH -(Not Shown - S/N: 2015208611 & Below)
10A	5102898	1	BRAKE SHOE ASM, RH, KNOTT -(Not Shown - S/N: 2015208612 & Above)
11	5025337	2	WASHER, 5/16 USS
12	5041930	2	SPACER, .38 X .50 X .27
13	5042134	2	SPACER, .32 X .75 X 1.06
14	5101038	1	GRIP, FOAM, 3/4 ID X 6 X .187
15	5025213X8	2	PIN, CLEVIS, 5/16 X 1 YZ
16	5047084A	2	LINK, BRAKE LOCK - BLK
17	5025170	8	WASHER, 5/16 LOCK CZ
18	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
19	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
20	5025011X14	2	BOLT, 5/16-18 X 1-3/4 GD5 YZ
21	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
22	5025155	2	WASHER, 5/16" SAE
23	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE
24	5021397	2	GROMMET, 1-1/4
25	5025156	2	WASHER, 3/8 SAE
26	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
27	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4
28	5025013X12	2	BOLT, 3/8-16 X 1-1/2" GD5 CZ
29	5025011X10	2	BOLT, 5/16-18 X 1-1/4 GD5 YZ
30	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
31	7022886	2	SWITCH, DP NO/NC SNAP-IN
32	5403278D	1	BRACKET, SWITCH MOUNT
33	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
34	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
35	5025154	2	WASHER, 1/4 SAE
36	5023368X1	10	STUD, BRAKE HUB (SV)

Pump Drive Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5300893



Pump Drive Group

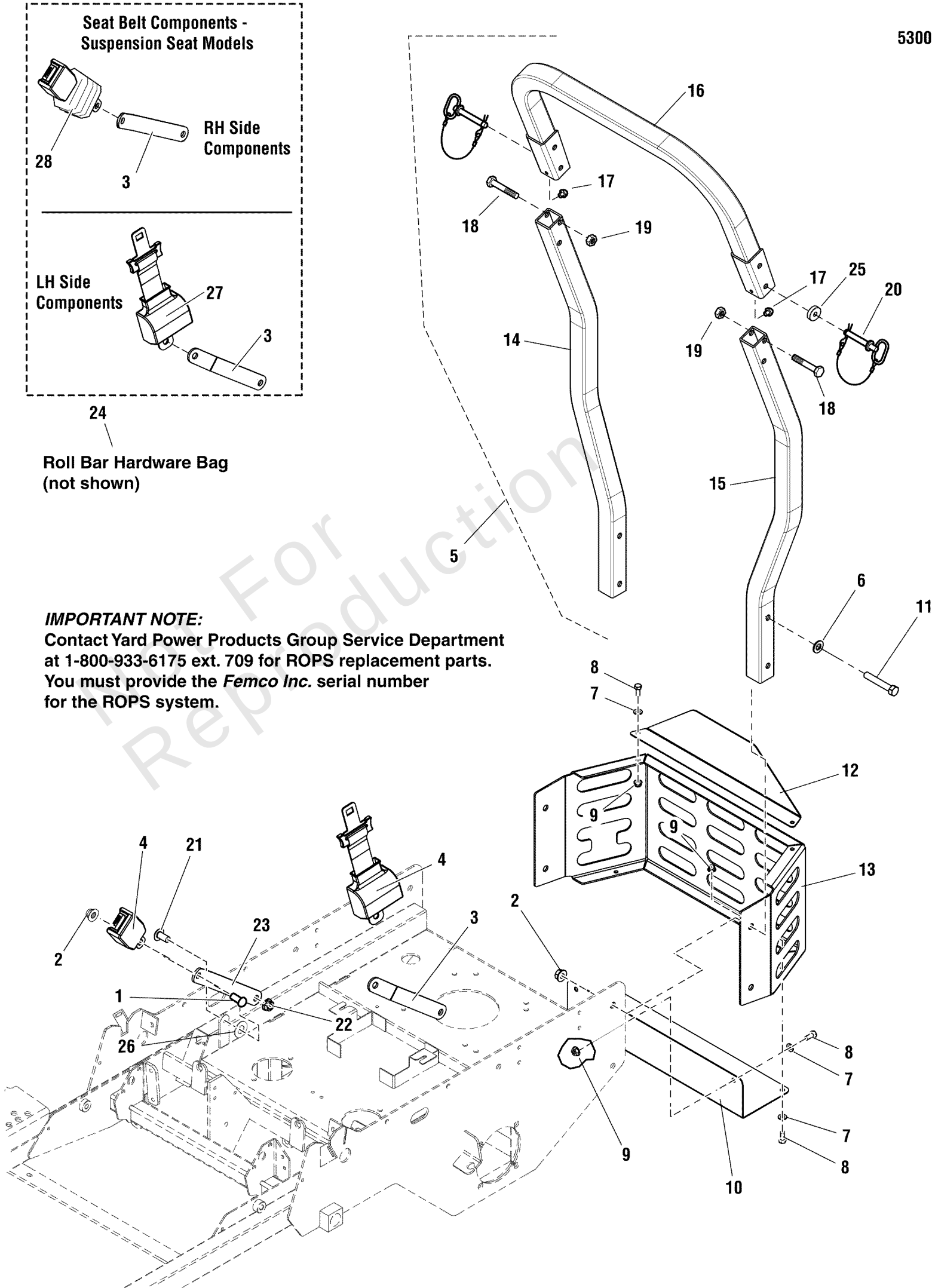
REF NO	PART NO	QTY	DESCRIPTION
1	5101023	2	PULLEY, SPLIT STEEL 5.632 OVER BALL
2	5022587	2	BUSHING, TAPERED HUB
3	5023254	2	KEY, 5MM SQ. W/ RADIUS
4	5100923	1	BELT, #7-9502, B-SECT - EL 67.8, HYDRO
5	5025013X32	1	BOLT, 3/8-16 X 4" GD5 CZ
6	5046430A	1	WELD, ARM, PUMP DRIVE IDLER - BLK
7	5022157	2	BUSHING, BRASS, 1.25X1X1.25
8	5025305	1	WASHER, .41 X 1.75 X .14
9	5102004	1	SPACER, .39 X 1.00 X 2.55, SS
10	5045475	1	SPACER, .45 X 1.88 X .38
11	5101193	1	PULLEY, IDLER
12	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
13	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
14	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ
15	5022847	1	SPRING, EXTENSION, SWIVEL END
16	5025010X8	4	BOLT, 1/4-20 X 1" GD5 CZ
17	5025034	2	NUT, 3/8-16 HEX
18	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ

Rear Bumper & ROPS Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5300888



Rear Bumper & ROPS Group

REF NO	PART NO	QTY	DESCRIPTION
1	5100267	2	SCREW, 1/2-13 X 1.00, SHCS
2	5025396	6	NUT, Hex Flange, Nylock, 1/2-13
3	5410295A	1	PLATE, SEAT BELT ANCHOR - BLK -(TWO USED ON MODELS WITH SUSPENSION SEAT)
4	5100139	1	SEAT BELT, RETRACTING - ASSM -(MODELS WITHOUT SUSPENSION SEAT)
5	-----	1	ROPS (Call 1-800-933-6175 ext. 2193 if replacing a ROPS)
6	5025158	4	WASHER, 1/2 SAE
7	5025155	6	WASHER, 5/16" SAE
8	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
9	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
10	5403116D	1	PLATE, HEAT SHIELD - RED
11	5025017X24	4	BOLT, 1/2-13 X 3" GD5 CZ
12	5402793D	1	PLATE, CARB. SHIELD - RED
13	5402934D	1	WELD, PLATE, BUMPER - RED
14	-----	1	* ROLL BAR POST, RH (SV)
15	-----	1	* ROLL BAR POST, LH (SV)
16	-----	1	* ROLL BAR TOP LOOP (SV)
17	5100383	2	RUBBER BUMPER (SV)
18	-----	2	* BOLT (SV)
19	-----	2	* NUT (SV)
20	5100079	2	PIN, HITCH, BLACK W/ PLASTIC LANYARD (SV)
21	5025018X10	2	BOLT, 1/2-20 X 1-1/4" GD8 CZ
22	5025098	2	NUT, Hex, Nylon Lock, 1/2-20
23	5400847A	1	MOUNT, SEAT BELT - RH - BLK -(MODELS WITHOUT SUSPENSION SEAT)
24	5100377	1	ROLL BAR HARDWARE BAG (SV) (INCLUDES HITCH PIN)
25	5100545	2	RUBBER WASHER (SV)
26	5025440	2	WASHER, 1/2", GD9, YZ
27	5105137	1	SEAT BELT ASSM, RETRACTOR + SUP SLEEVE -(MODELS WITH SUSPENSION SEAT)
28	-----	1	ORDER P/N 5105137 (CONTAINS BOTH SEAT BELT RETRACTOR + SUPER SLEEVE BUCKLE) -(MODELS WITH SUSPENSION SEAT)

Footnotes:

NOTE: * Contact Yard Power Products Group Service Department at 1-800-933-8175 ext.709 for ROPS replacement parts. You must provide the Femco Inc. serial number for the ROPS system.

Seat & Kick Plate Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

Non-Suspension Seat Replacement Parts

5300889

14 - Arm Rest (Set of Two)

15 - Spring, Seat Adjustment

16 - Kit, Seat Rails, Complete

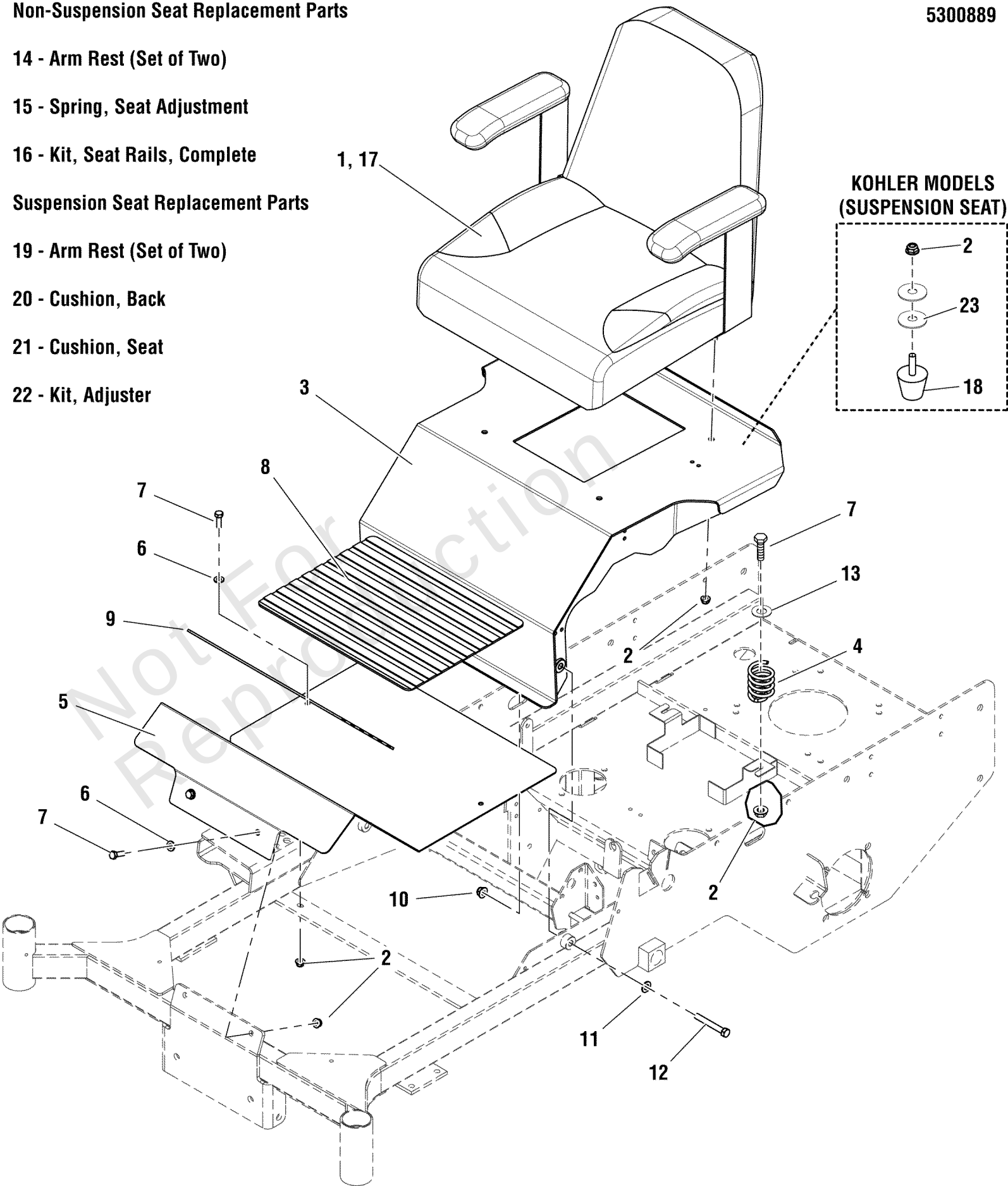
Suspension Seat Replacement Parts

19 - Arm Rest (Set of Two)

20 - Cushion, Back

21 - Cushion, Seat

22 - Kit, Adjuster



Seat & Kick Plate Group

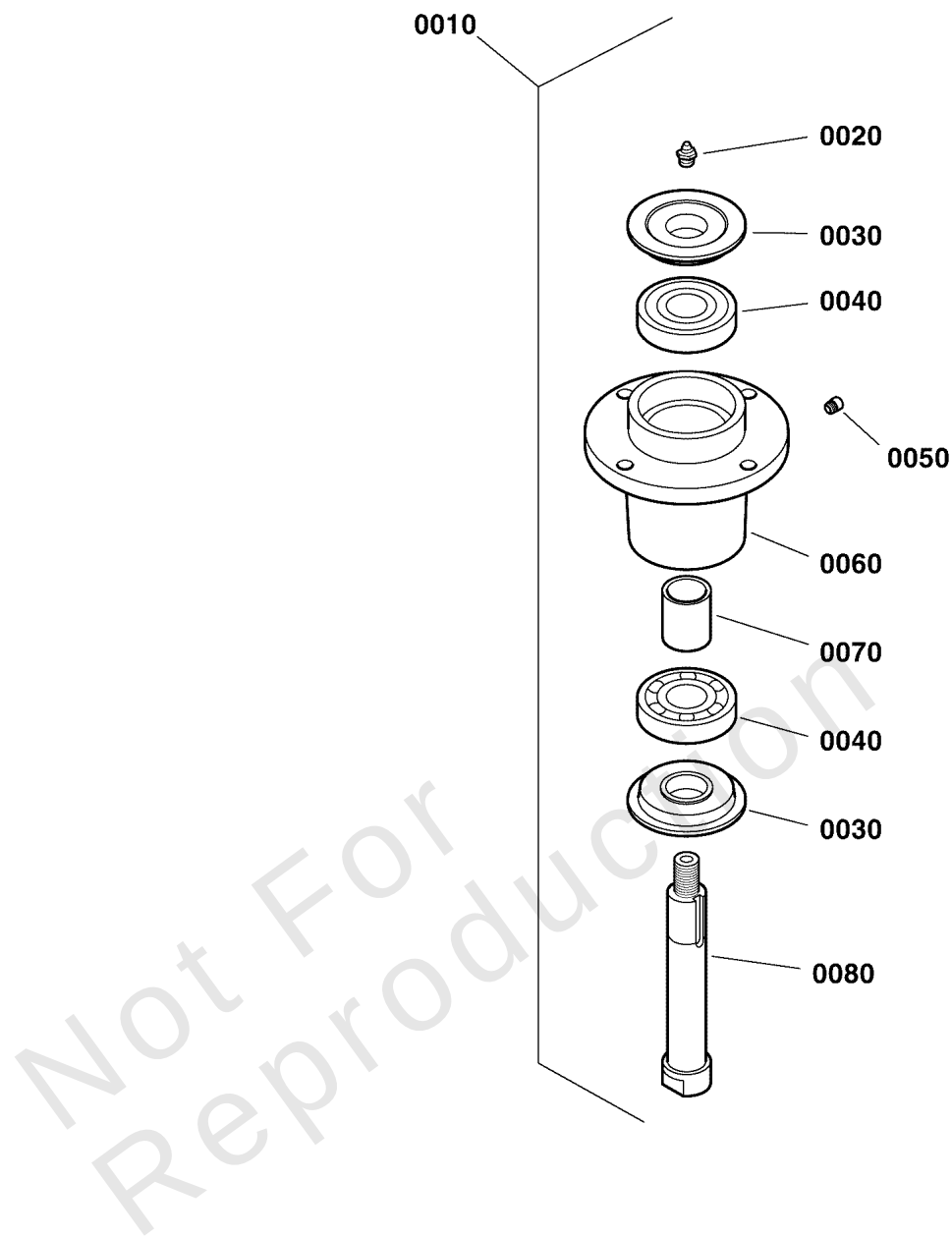
REF NO	PART NO	QTY	DESCRIPTION
1	5101214	1	SEAT, SUSP TYPE -(KOHLER MODELS)
2	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE
3	5600302	1	SEAT PLATE W/ DECALS, S150X -(INCLUDES SAFETY DECALS)
4	7078299	2	SPRING, SEAT SUPPORT -(KAWASAKI MODELS)
5	5402779D	1	PLATE, FLOOR PAN - RED
6	5025155	4	WASHER, 5/16" SAE
7	5025011X8	6	BOLT, 5/16-18 X 1 GD5 YZ -(KAWASAKI MODELS)
8	5101013	1	SAFETY WALK, 11.50 X 15.00
9	5101011	1	SAFETY WALK, 8.00 X 15.00
10	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
11	5025156	2	WASHER, 3/8 SAE
12	5025013X22	2	BOLT, 3/8-16 X 2-3/4" GD5 CZ
13	5044617	2	WASHER, .34 X 1.25 X 10 GA -(KAWASAKI MODELS)
14	1686907	1	ARM REST (SET OF TWO) (SV) -(NON-SUSPENSION SEAT ONLY)
15	5100652	1	SPRING, EXTENSION, SEAT ADJUSTMENT (BLK OR SLVR) -(SV)(Not an illustrated part.)(Non-Suspension Seat Only) (3-1/2" Total unstretched length)
16	5061599X1	1	KIT, SEAT RAILS, COMPLETE (SV) -(NON-SUSPENSION SEAT ONLY)
17	5061599	1	SEAT, XB-150, NO LOGO, BLACK -(KAWASAKI MODELS)
18	5022612	2	BUMPER, RUBBER -(KOHLER MODELS)
19	5101214X1	1	KIT, ARM REST, SET OF TWO, S/S (SV) -(SUSPENSION SEAT ONLY)
20	5101214X2	1	CUSHION, BACK, S/S (SV) -(SUSPENSION SEAT ONLY)
21	5101214X3	1	CUSHION, SEAT, S/S (SV) -(SUSPENSION SEAT ONLY)
22	5101214X4	1	KIT, ADJUSTER, S/S (SV) -(SUSPENSION SEAT ONLY)
23	5100548	4	WASHER, .390 X 1.50 X .109, YZ -(SUSPENSION SEAT ONLY)

Spindle SERVICE PARTS - 5061095

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5061095



Spindle SERVICE PARTS - 5061095

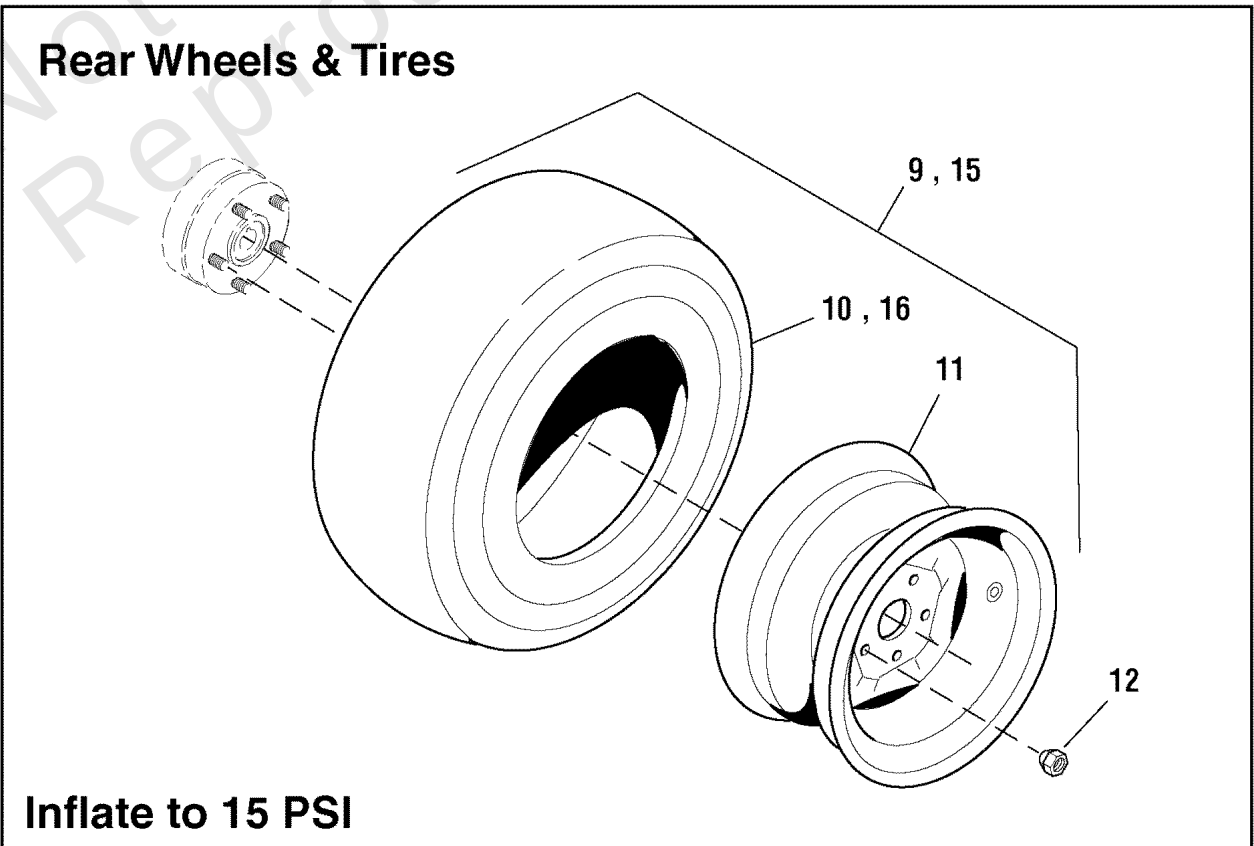
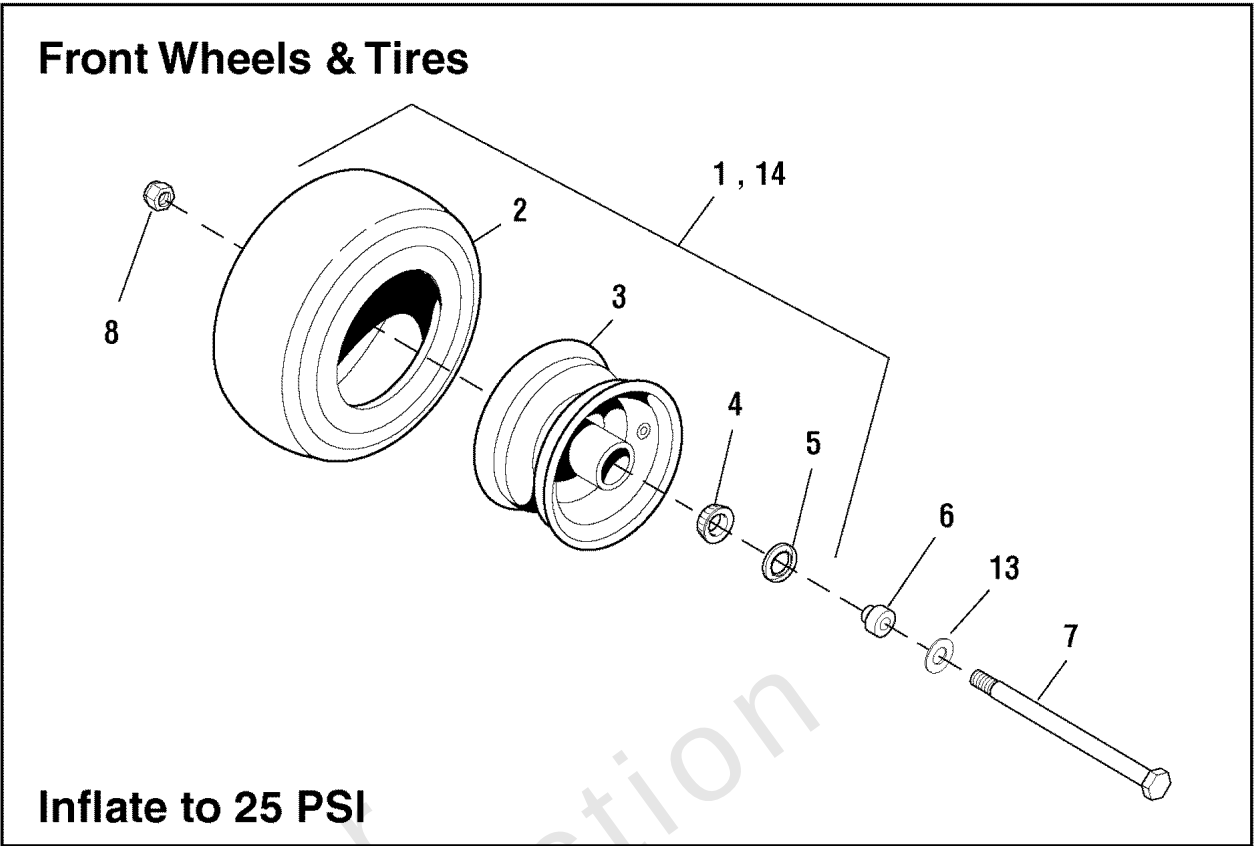
REF NO	PART NO	QTY	DESCRIPTION
0010	5061095SM	1	ASSM, SPINDLE, LOW PR -(Nut and Washer Sold Seperately) (Includes items #0020 - 0080)
0020	5023329SM	1	FITTING
0030	5049793SM	2	SHIELD, TRASH
0040	5023330SM	2	BEARING, .98 X 2.44 X
0050	5023296SM	1	FITTING, RELIEF, 1-5
0060	5102993YP	1	SUB ASM, SPINDLE,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

Wheel & Tire Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5900907

5300899



Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	5022631S	2	WHEEL & TIRE ASSEMBLY, 13 x 5.0 - 6 -(S150X Models)
2	5022029X1	2	TIRE, 13 x 5.0 - 6
3	5022631SX1	2	WHEEL ASSEMBLY, for 13 x 5.0 - 6 Tire -(Includes Ref No. 4 & 5)
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"
8	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
9	5023369	2	WHEEL & TIRE ASSEMBLY, 22 x 11 - 10 -(S150X Models)
10	5023369X2	2	TIRE, 22 X 11.0 - 10 (SV)
11	5023369X1	2	WHEEL ASSEMBLY, 10 X 7 (SV)
12	5020601	10	LUG NUT, 1/2-20
13	5025158	2	WASHER, 1/2 SAE
14	5023280	2	* FLAT-FREE TIRE ASSEMBLY, 13 x 5.0 - 6
15	5100006	2	WHEEL & TIRE ASSEMBLY, 22 X 10 - 10 -(48" MODELS ONLY)
16	5100006X1	2	TIRE, 22 X 10.00 -10 -(48" MODELS ONLY)
17	5022631SX4	2	BEARING, RACE -(Not shown)

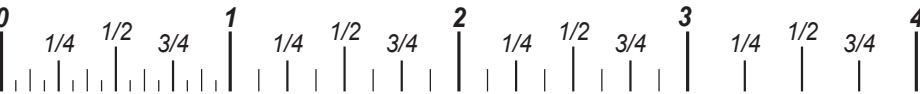
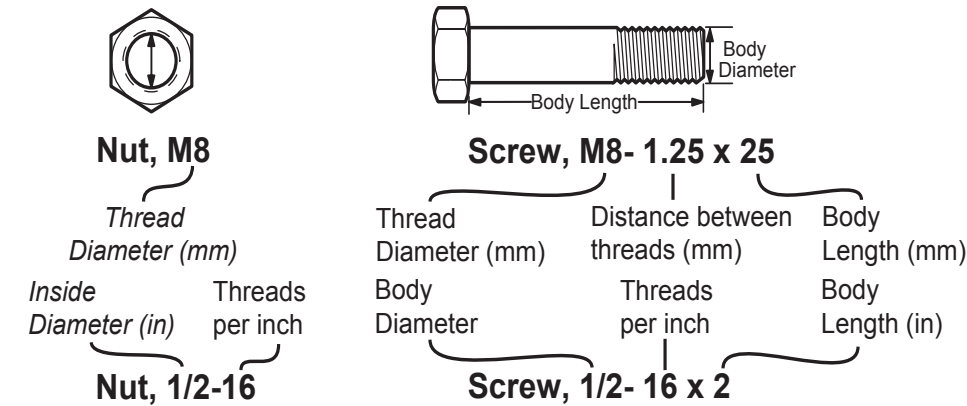
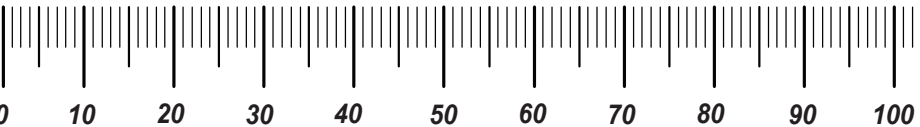
Footnotes:

NOTE: * Solid urethane tire assembly. Wheel is not serviceable.

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).

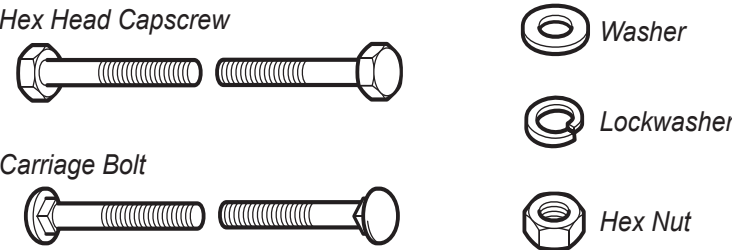
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

