



Parts Manual IS700Z Series Zero-Turn Riding Mower



Models:	Description:
5901214	IS700Z Series w/ 52" Side Discharge iCD Mower Deck (IS700ZB2852)
5901215	IS700Z Series w/ 61" Side Discharge iCD Mower Deck (IS700ZB2861)
5901224	IS700Z Series w/ 52" Side Discharge iCD Mower Deck (IS700ZKAV2352)
5901225	IS700Z Series w/ 61" Side Discharge iCD Mower Deck (IS700ZKAV2461)
5901226	IS700Z Series w/ 61" Side Discharge iCD Mower Deck (IS700ZBV2861)
5901242	IS700Z Series w/ 52" Side Discharge iCD Mower Deck ANSI-EXP (IS700ZB2852 ANSI
5901243	IS700Z Series w/ 52" Side Discharge iCD Mower Deck ANSI-EXP (IS700ZKAV2352 AN
5901264	IS700Z Series w/61" Side Discharge iCD Mower Deck (IS700ZB2761)
5901265	IS700Z Series w/ 52" Side Discharge iCD Mower Deck (IS700ZB2752)
5901266	IS700Z Series w/ 52" Side Discharge iCD Mower Deck (IS700ZB2752 ANSI-EXP)
5901308	IS700Z Series w/ 61" Side Discharge iCD Mower Deck (IS700ZBV2661)
5901310	IS700Z Series w/ 52" Rear Discharge iCD Mower Deck (IS700ZB2752RDCE)
5901385	IS700Z CAL Series w/ 52" Side Discharge iCD Mower Deck (IS700ZB2752 CAL)
5901386	IS700Z CAL Series w/ 52" Side Discharge iCD Mower Deck (IS700ZKAV2352 CAL)
5901387	IS700Z CAL Series w/61" Side Discharge iCD Mower Deck (IS700ZB2761 CAL)
5901388	IS700Z CAL Series w/ 61" Side Discharge iCD Mower Deck (IS700ZKAV2461 CAL)
See Inside Front Cover for Additional Models	

Briggs and Stratton Power Products Group, LLC.

5375 North Main Street
Munnsville, NY 13409 USA
800-933-6175

5103639
Revision R
Rev. Date: 04/05/17
TP 400-5103639-R-HZ-F

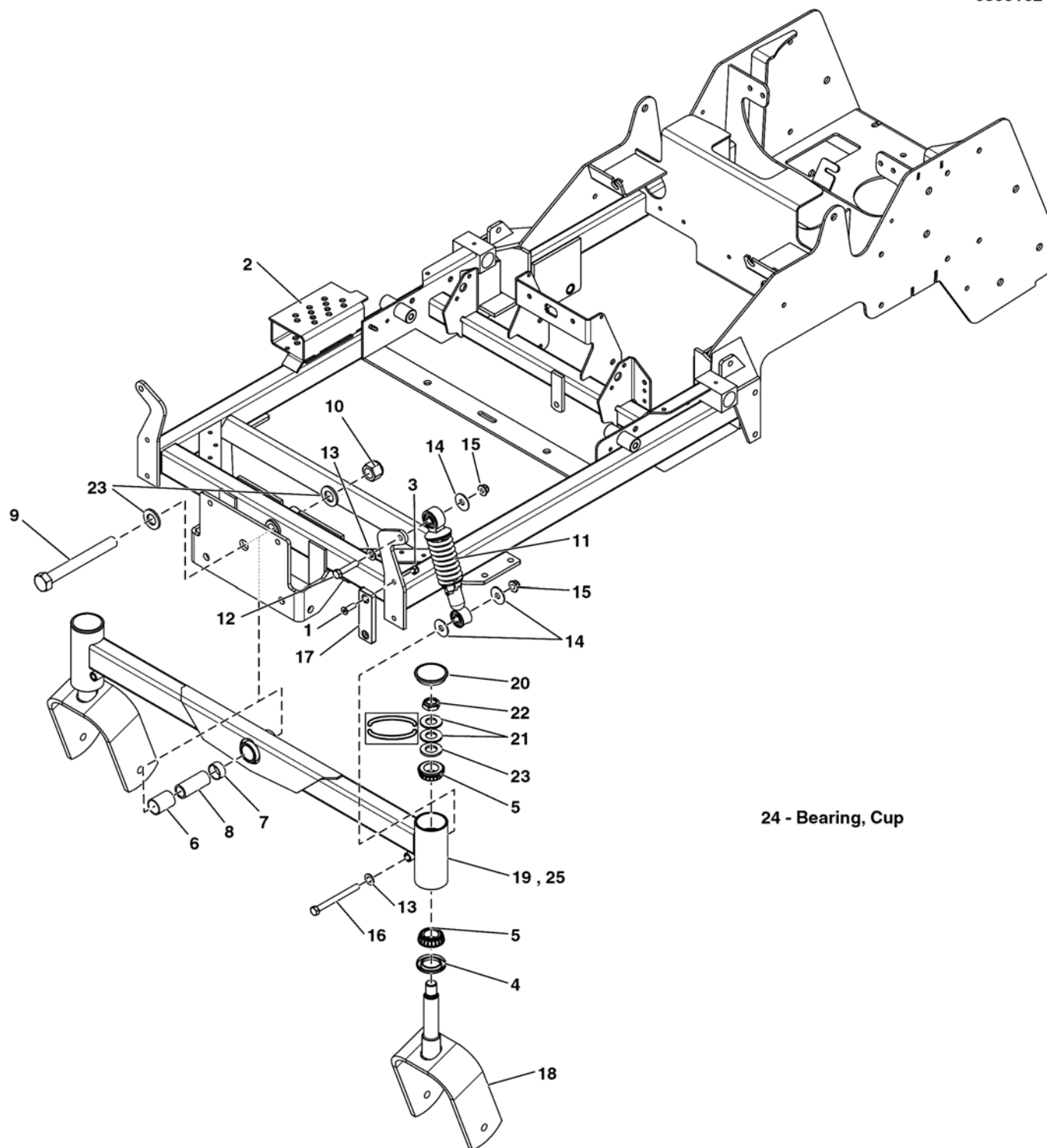
Models:	Description:
5901394	IS700Z CAL Series w/ 61" Side Discharge iCD Mower Deck (IS700ZBV2661 CAL)
5901505	IS700Z Series w/ 61" Side Discharge iCD Mower Deck (IS700ZKAVE2661)
5901538	IS700Z CAL Series w/ 61" Side Discharge iCD Mower Deck (IS700ZKAVE2661 CAL)

MODEL COMPONENTS	PAGE
Main Frame & Front Suspension Group	4
Rear Bumper & ROPS Group	6
Seat Mount & Floor Group - USA & ANSI-EXP Models	8
Seat Mount & Floor Group - CE Models	10
Seat SERVICE PARTS	12
Fuel Supply Hose & Tank Replacement Parts	14
Fuel Tank & Mount Group	16
Instrument Control Panel	18
Instrument Control Panel - Kawasaki Fuel Injected Models	20
Engine & PTO Group	22
Transaxle Drive Group	26
Motion Control Group - Handles & Dampeners	28
Motion Control Group - Control System	32
Hydraulic Group	34
Parking Brake Group	36
Rear Suspension Group	38
Deck Lift Group	40
Transaxle SERVICE PARTS - ZT3400 (5103589_5103590)	44
Wheel & Tire Group	46
Decal Group - Brand & Model S/N: 2017243270 & Below	48
Decal Group - Brand & Model S/N: 2017243271 & Above	50
Decal Group - Safety & Operation USA Models	52
Decal Group - Safety & Operation Export Models	54
Evap Canister Group - CAL Models (S/N: All); Other Models (S/N : 2016816349 & Below)	56
EVAP Group - S/N : 2016816350 & Above	58
CE Guarding Group - Frame, Parking Brake & Engine Compartment	60
52" Mower Deck - Rollers	62
52" Mower Deck - Housing, Covers, Spindles & Blades	64
52" & 61" Mower Deck - Hanger Chains	66
61" Mower Deck - Rollers	68
52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893014 & Below)	70
52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893015 - 2017612394)	72
52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2017612395 & Above)	74
61" Mower Deck - Housing, Covers, Spindles & Blades	76
61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893014 & Below)	78
61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893015 - 2017612394)	80
61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2017612395 & Above)	82
52" Mower Deck - Housing, Covers, Spindles & Blades - Rear Discharge	84
Spindle SERVICE PARTS - 5061095	86
Electrical Group S/N: 2017612394 & Below	88
Electrical Group - Briggs & Stratton S/N: 2017612395 & Above	90
Electrical Group - Kawasaki S/N: 2017612395 & Above	92
Electrical Group - Briggs & Stratton 49R977 Engine S/N: 2017612395 & Above	94
Electrical Group - Kawasaki Fuel Injected Engines S/N: 2017549125 & Below	96
Electrical Group - Kawasaki Fuel Injected Engines S/N: 2017612395 & Above	98
Electrical Schematics - S/N: 2017612394 & Below	100-103
Electrical Schematics - B&S 541777 Vanguard	104-107
Electrical Schematics - B&S 49R977 Vanguard S/N: 2017612394 & Below	108-111
Electrical Schematics - Kawasaki Fuel Injected S/N: 2017549125 & Below	112-115
Electrical Schematics - B&S S/N: 2017612395 & Above	116-119
Electrical Schematics - Kawi S/N: 2017612395 & Above	120-123
Electrical Schematics - B&S 49R977 Vanguard S/N: 2017612395 & Above	124-127
Electrical Schematics - Kawasaki Fuel Injected S/N: 2017549126 & Above	128-131
Torque Specification Chart	Inside Back Cover

Main Frame & Front Suspension Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303162



The above parts group applies to the following Mfg. Nos.:

5901388	5901505	5901265	5901385
5901225	5901538	5901387	
5901386	5901215	5901264	
5901308	5901224	5901214	
5901394	5901266	5901310	
5901226	5901242	5901243	

Main Frame & Front Suspension Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025594	4	SCREW, 5/16-18 X 1 PHILLIPS HD, BZ (Was 5025303)
2	-	1	* WELD, MAIN FRAME, IS700Z - RED
3	5025057	4	NUT, 5/16-18 HEX NYLON LOCK
4	5021072	2	SEAL, GREASE
5	5020884	4	BEARING, TAPERED ROLLER, 1
6	5022852	1	PIVOT BEARING-1.00 X 1.125 ODX1.50
7	5100358	1	PIVOT BEARING, 1.00 X 1.125 OD X .50
8	5047489	1	SPACER, .75 X 1.00 X 2.38
9	5025265X52	1	BOLT, 3/4-16 X 6-1/2 YZ GD8
10	5025284	1	NUT, 3/4-16 HEX NYLON LOCK
11	5023483	2	SHOCK, SPRING ASSEMBLY
12	5025013X14	2	BOLT, 3/8-16 X 1-3/4 GD5
13	5025156	4	WASHER, 3/8 SAE
14	5025165	6	WASHER-3/8 FENDER
15	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
16	5025013X32	2	BOLT, 3/8-16 X 4 GD5 YZ
17	5102702	2	PAD, FRICTION - 1.25 X 4.00
18	5402208B	2	WELD, CASTER YOKE -RED
19	5403810B	1	WELD, PIVOTING FRONT END - RED (61" Models)
20	5102929	2	CAP, LOW PROFILE, STEEL
21	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
22	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
23	5025160	4	WASHER, 3/4 SAE
24	5020883	4	BEARING, CUP (SV)
25	5405923B	1	WELD, PIVOTING FRONT END - RED (52" Models)

Footnotes

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

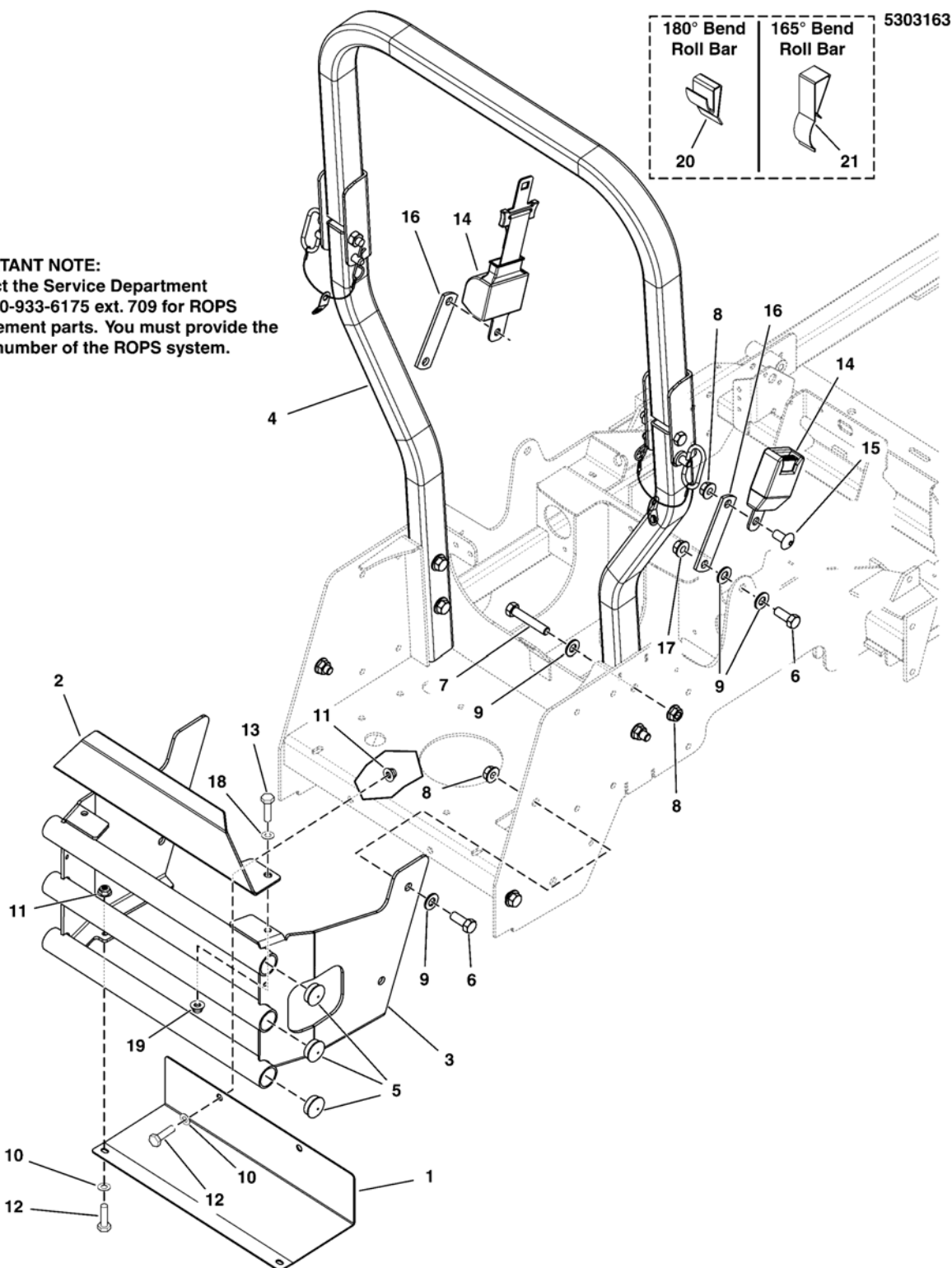
The above parts group applies to the following Mfg. Nos.:

5901388	5901505	5901265	5901385
5901225	5901538	5901387	
5901386	5901215	5901264	
5901308	5901224	5901214	
5901394	5901266	5901310	
5901226	5901242	5901243	

Rear Bumper & ROPS Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

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



The above parts group applies to the following Mfg. Nos.:

5901265	5901538	5901226	5901394
5901214	5901242	5901215	
5901224	5901243	5901266	
5901308	5901264	5901225	
5901387	5901385	5901386	
5901505	5901310	5901388	

Rear Bumper & ROPS Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5410485A	1	PLATE, HEAT SHIELD, IS700 - BLK
2	5410486B	1	PLATE, CARB PROTECTOR - RED
3	5410483B	1	WELD, BUMPER - IS700 - RED
4	-	1	ROPS (Call 1-800-933-6175 x708 if replacing a ROPS)
5	5023484	6	PLUG, PANEL, 1.25 - BLACK
6	5025017X10	6	BOLT, 1/2-13 X 1-1/4 GD5 YZ
7	5025017X22	4	BOLT, 1/2-13 X 2-3/4 GD5 YZ
8	5025396	10	NUT, 1/2-13 HEX NYLOCK FLANGE
9	5025158	12	WASHER, 1/2 SAE
10	5025155	4	WASHER, 5/16 SAE
11	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
12	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
13	5025013X8	2	BOLT, 3/8-16 X 1 GD5 YZ
14	5100139	1	SEAT BELT, RETRACTING - ASSM
15	5100267	2	SCREW, 1/2-13 X 1.00, SHCS
16	5410295A	2	PLATE, SEAT BELT ANCHOR - BLK
17	5025056	2	NUT, 1/2-13 HEX NYLON LOCK
18	5025156	2	WASHER, 3/8 SAE
19	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
20	5103403X1	2	ANTI-RATTLE SPRING, FEMCO #230328972 (SV) (180 Degree Bend Roll Bar)
21	5105140X1	2	ANTI-RATTLE SPRING, ROPS, 165 DEGREE (SV) (165 Degree Bend Roll Bar)

Footnotes

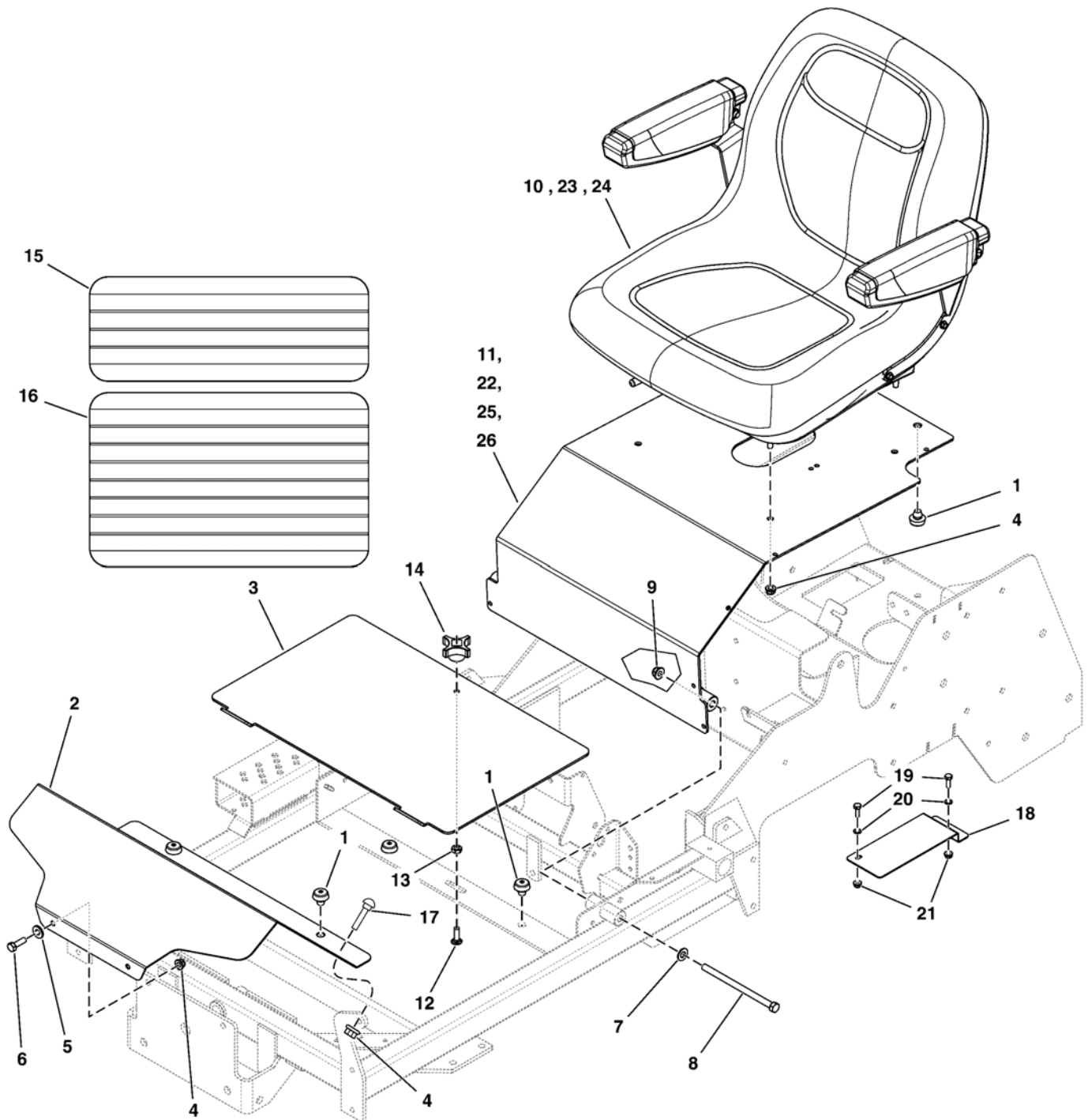
The above parts group applies to the following Mfg. Nos.:

5901265	5901538	5901226	5901394
5901214	5901242	5901215	
5901224	5901243	5901266	
5901308	5901264	5901225	
5901387	5901385	5901386	
5901505	5901310	5901388	

Seat Mount & Floor Group - USA & ANSI-EXP Models

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303180



The above parts group applies to the following Mfg. Nos.:

5901226	5901385	5901388
5901265	5901264	5901225
5901386	5901215	5901224
5901394	5901538	5901214
5901242	5901243	5901308
5901266	5901505	5901387

Seat Mount & Floor Group - USA & ANSI-EXP Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	197546	8	MNT, VBRTN, RBBR
2	5410297B	1	PLATE, FLOOR, RIDGID, IS700 - RED
3	5410296B	1	PLATE, FLOOR, REMOVABLE, IS700 - RED
4	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
5	5025155	2	WASHER, 5/16 SAE
6	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
7	5025156	2	WASHER, 3/8 SAE
8	5025013X44	2	BOLT, 3/8-16 X 5-1/2 GD5 YZ
9	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5061599	1	SEAT, XB-180, NO LOGO, BLACK (S/N: 2017202281 & Below)
11	5600650	1	ASSM, SEAT PLATE W/DECALS - IS700Z (5409985B) (SV)(USA Models - S/N: 2017612394 & Below)
12	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE YZ
13	80003675	1	NUT, 5/16-18,GR8, HEX, CNTR LK, ZINC/CL
14	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
15	5101374	1	SAFETY WALK, FLOOR REST, 6.00 X 16.00
16	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X16
17	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
18	5410611A	1	PLATE, SEAT BELT GUARD, IS700 - BLK
19	5025299X8	2	SCREW, 1/4-20 X 1, ALLEN BH, CZ
20	5025154	2	WASHER, 1/4 SAE
21	5025391	2	NUT, 1/4-20, NYLOCK FLANGE
22	5600676	1	ASSM, SEAT PLATE W/DECALS - IS700Z, ANSI-EXP (5409985B) (SV)(Export Models - S/N: 2017612394 & Below)
23	5104741	1	SEAT, 907 SEAT INC (S/N: 2017202282 - 2017612394)
24	5105039	1	SEAT, 907 WITH ARM RESTS W/ SWITCH (S/N: 2017612395 & Above)
25	5600989	1	ASSM, SEAT PLATE W/DECAL (5416034B) (SV)(USA Models - S/N: 2017612395 & Above)
26	5601059	1	ASSM, SEAT PLATE W/DECALS, EXP (5416034B) (SV)(Export Models - S/N: 2017612395 & Above)

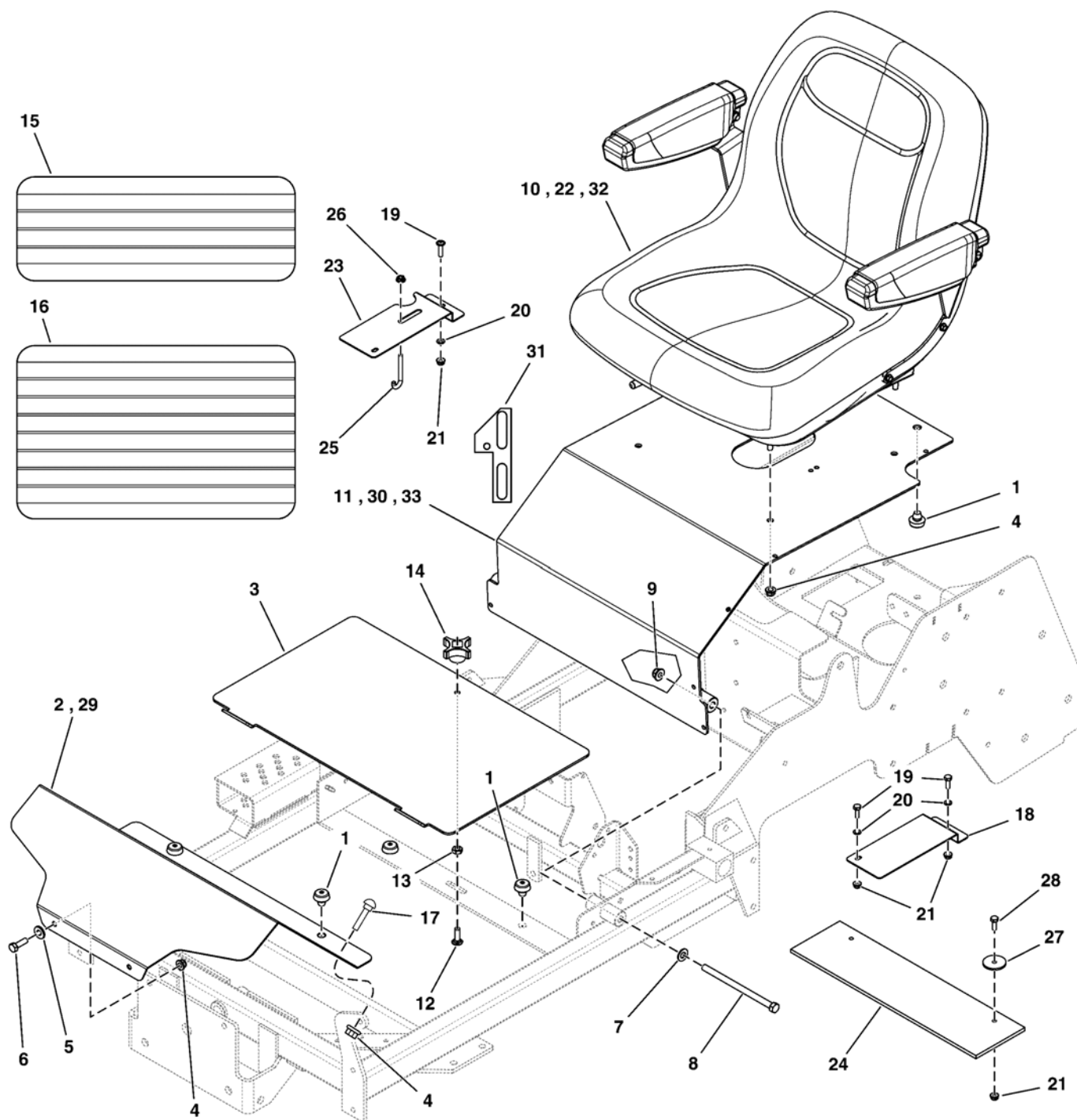
Footnotes**The above parts group applies to the following Mfg. Nos.:**

5901226	5901385	5901388
5901265	5901264	5901225
5901386	5901215	5901224
5901394	5901538	5901214
5901242	5901243	5901308
5901266	5901505	5901387

Seat Mount & Floor Group - CE Models

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303646



The above parts group applies to the following Mfg. Nos.:

5901310

Seat Mount & Floor Group - CE Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	197546	8	MNT, VBRTN, RBBR
2	5410297B	1	PLATE, FLOOR, RIDGID, IS700 - RED (S/N: 2016733963 & Below)
3	5410296B	1	PLATE, FLOOR, REMOVABLE, IS700 - RED
4	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
5	5025155	2	WASHER, 5/16 SAE
6	5025011X8	2	BOLT, 5/16-18 X 1 GD5 YZ
7	5025156	2	WASHER, 3/8 SAE
8	5025013X44	2	BOLT, 3/8-16 X 5-1/2 GD5 YZ
9	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5061599	1	SEAT, XB-180, NO LOGO, BLACK (S/N: 2017202281 & Below)
11	5600676	1	ASSM, SEAT PLATE W/DECALS - IS700Z, ANSI-EXP (5409985B) (SV)(S/N: 2016733963 & Below)
12	5025145X10	1	BOLT, 5/16-18 X 1-1/4, CARRIAGE YZ
13	80003675	1	NUT, 5/16-18,GR8, HEX, CNTR LK, ZINC/CL
14	1670578	1	KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG
15	5101374	1	SAFETY WALK, FLOOR REST, 6.00 X 16.00
16	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X16
17	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
18	5410611A	1	PLATE, SEAT BELT GUARD, IS700 - BLK
19	5025299X6	4	SCREW, 1/4-20 X 3/4, ZINC PHOS & OIL
20	5025154	4	WASHER, 1/4 SAE
21	5025391	6	NUT, 1/4-20, NYLOCK FLANGE
22	5104741	1	SEAT, 907 SEAT INC (S/N: 2017202282 - 2017615394)
23	5412038A	1	PLATE, SEAT BELT GUARD, RH - IS700 - BLK
24	5104173	1	RUBBER, SEAT GUARD, IS700 CE
25	5025606	1	J-BOLT, 1/4-20 X 1-1/2, CZ
26	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
27	5044577	2	WASHER, .265 X 1.50 X .109, YZ
28	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 YZ
29	5413492B	1	PLATE, FLOOR, RIDGID EU - RED (S/N: 2016733964 & Above)
30	5600933	1	ASSM, SEAT PLATE W/DECALS, IS700ZCE (5413764B) (SV)(S/N: 2016733964 - 2017612394)
31	--	1	PLATE, THROTTLE STOP - BLK (5406227A)
32	5105039	1	SEAT 907 WITH ARM RESTS W/SWITCH (S/N: 2017612395 & Above)
33	5601060	1	ASSM, SEAT PLATE W/DECALS, EXP (5416349B) (S/N: 2017612395 & Above)

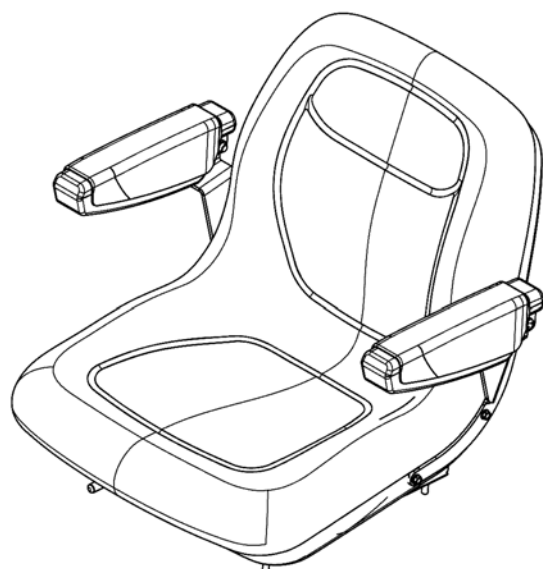
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901310

Seat SERVICE PARTS

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



Seat (P/N: 5061599)

Service Parts:

- 1 - Kit, Arm Rest
- 2 - Spring, Seat Adjustment
- 3 - Kit, Seat Rails

5061599

5104741

5105039

Seat (P/N: 5104741)

Service Parts:

- 4 - 4" SL Track Set, 9" Flat
- 5 - Black Selfskin-Arm Pad Only
- 6 - Back Assembly
- 7 - Cushion Assembly
- 8 - Arm Bracket (w/Pad & Hdwr)
- 9 - Delta Switch (NC)

Seat (P/N: 5105039)

Service Parts:

- 10 - 4" SL Track Set, 9" Flat
- 11 - Back Assembly
- 12 - Cushion Assembly
- 13 - Arm Asm, LH & RH, C13 Seat
- 14 - Arm Pad, C13 Seat
- 15 - Seat Switch
- 16 - Seat Switch, w/ Twist-In Assembly

The above parts group applies to the following Mfg. Nos.:

5901215	5901308	5901242	5901388
5901266	5901387	5901386	
5901538	5901224	5901310	
5901226	5901243	5901394	
5901264	5901505	5901385	
5901225	5901214	5901265	

Seat SERVICE PARTS

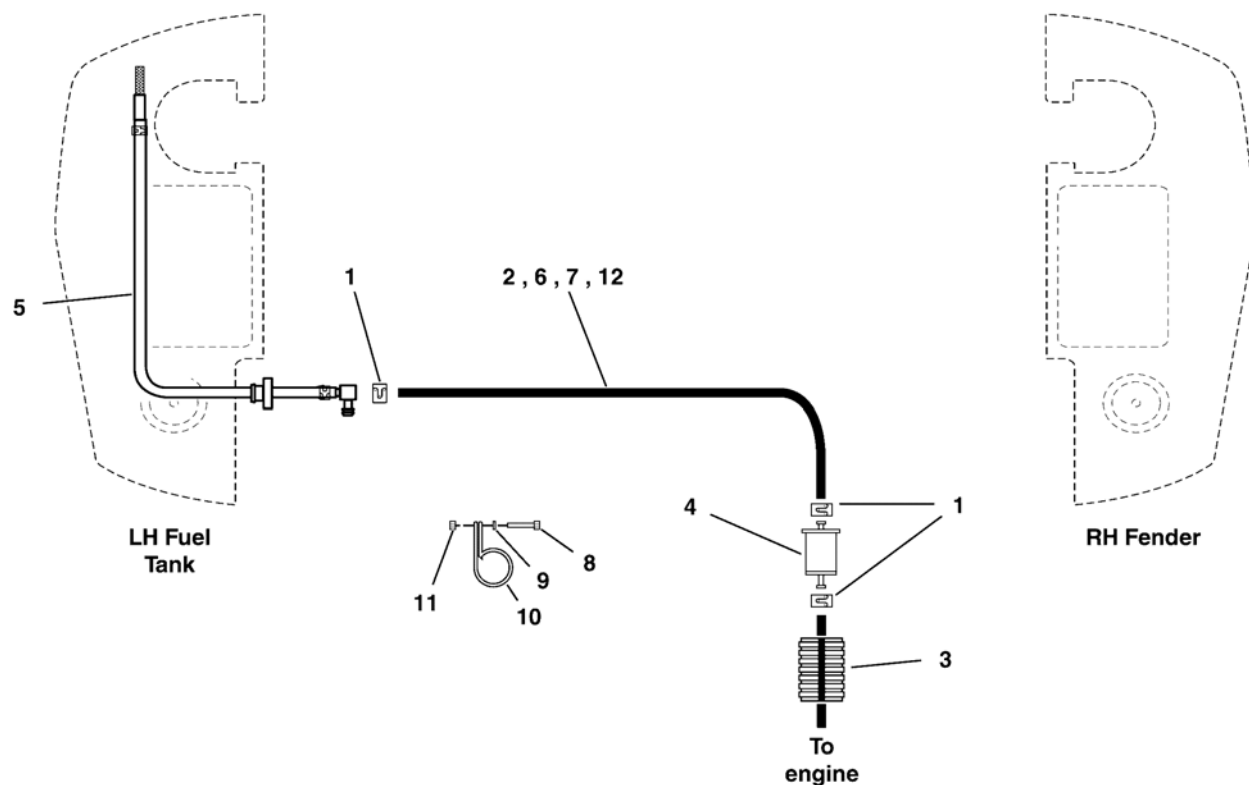
REF NO	PART NO.	QTY.	DESCRIPTION
1	1686907	1	ARMREST KIT
2	5100652	1	SPRING, EXTENSION, SEAT ADJUSTMENT (BLK OR SLVR)
3	5061599X1	1	SEAT RAIL, KIT, RH AND LH
4	5104741X1	1	4" SL TRACK SET - 9" FLAT - W/HDWR
5	5022185	1	ARM REST, BLACK MOLDED, PAD ONLY
6	5104741X3	1	BACK ASSEMBLY FOR 907
7	5104741X4	1	CUSHION ASSEMBLY FOR 907
8	5104741X5	1	ARM BRACKET W/PAD & HARDWARE
9	5104741X6	1	DELTA SWITCH - NORMALLY CLOSED
10	5104741X1	1	4" SL TRACK SET - 9" FLAT - W/HDWR
11	5104741X3	1	BACK ASSEMBLY FOR 907
12	5104741X4	1	CUSHION ASSEMBLY FOR 907
13	5104681X3	1	ARM ASM, LH & RH, C13 SEAT
14	5104681X4	1	ARM PAD, C13 SEAT
15	7023354	1	SWITCH, SEAT
16	5100541	1	SWITCH, SEAT W/ TWIST-IN ASSEMBLY

Footnotes**The above parts group applies to the following Mfg. Nos.:**

5901215	5901308	5901242	5901388
5901266	5901387	5901386	
5901538	5901224	5901310	
5901226	5901243	5901394	
5901264	5901505	5901385	
5901225	5901214	5901265	

Fuel Supply Hose & Tank Replacement Parts

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901264	5901225	5901224	5901214
5901215	5901394	5901308	
5901385	5901505	5901310	
5901266	5901242	5901387	
5901538	5901243	5901265	
5901226	5901388	5901386	

Fuel Supply Hose & Tank Replacement Parts

REF NO	PART NO.	QTY.	DESCRIPTION
1	5020835	2	CLAMP, HOSE EXTERNAL, 1/2 - RED
2	5050831X29	1	HOSE, 1/4" FUEL, 29.00" (Briggs & Stratton Commercial Turf Engines Only)
3	5050833X13	1	WIRE LOOM, 1/2 ID, 13.00 LONG (Briggs & Stratton Commercial Turf Engines Only)
4	5021178X3	1	FUEL FILTER (SV)
5	5101149	1	HOSE ASSEMBLY (SV)
6	5050831X9	1	HOSE, 1/4" FUEL, 9.00" (Kawasaki Carbureted Engines Only)
7	5050831X22P5	1	HOSE, 1/4" FUEL, 22.50" (Briggs & Stratton Vanguard Engines Only)
8	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ (Briggs & Stratton Commercial Turf & Kawasaki EFI Engines Only)
9	5025154	2	WASHER, 1/4 SAE (Briggs & Stratton Commercial Turf & Kawasaki EFI Engines Only)
10	5021500	2	CLAMP, VINYL INSULATED (Briggs & Stratton Commercial Turf & Kawasaki EFI Engines Only)
11	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE (Briggs & Stratton Commercial Turf & Kawasaki EFI Engines Only)
12	5050831X34	1	HOSE, 1/4" FUEL, 34.00" (Kawasaki EFI Engines Only)

Footnotes

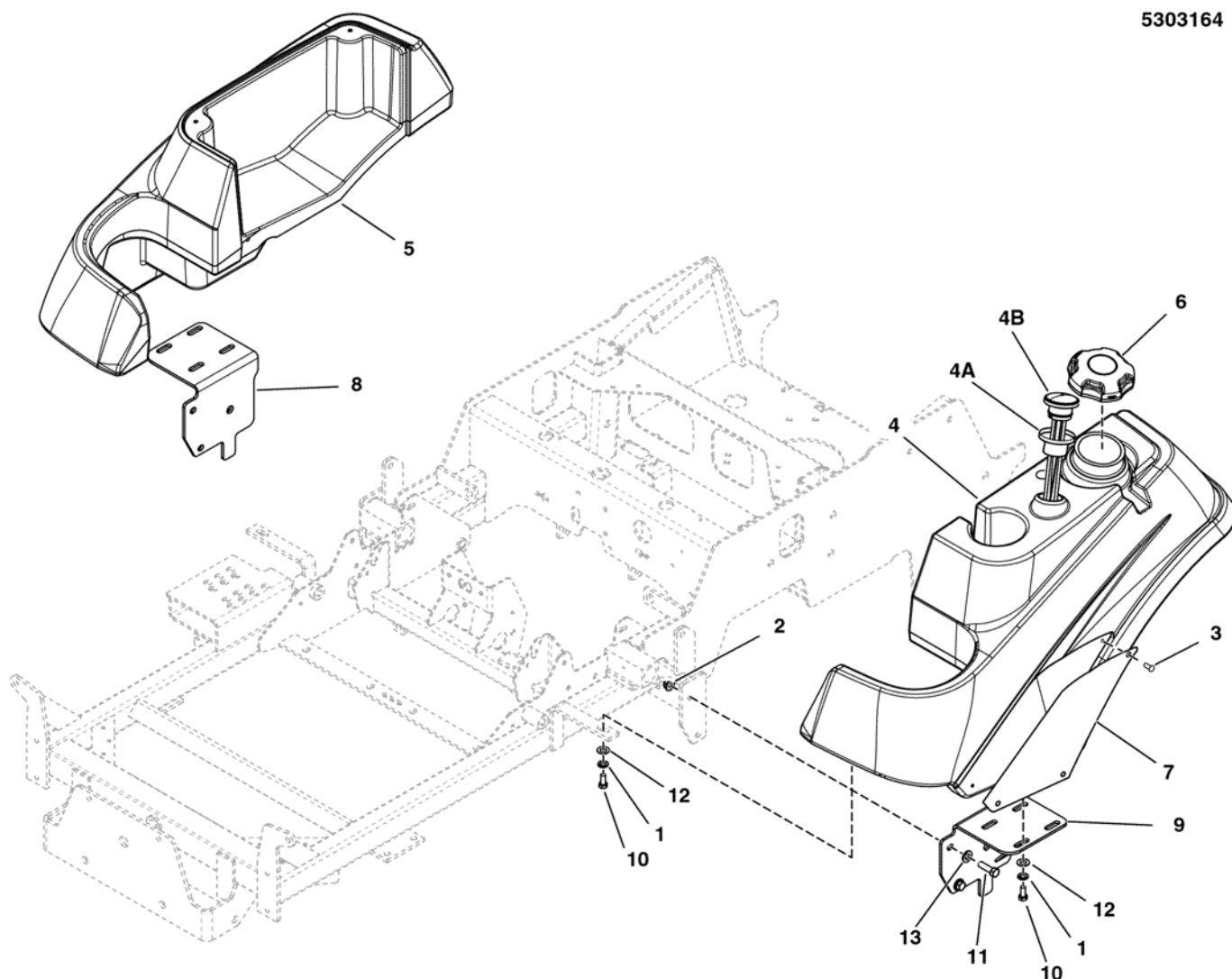
The above parts group applies to the following Mfg. Nos.:

5901264	5901225	5901224	5901214
5901215	5901394	5901308	
5901385	5901505	5901310	
5901266	5901242	5901387	
5901538	5901243	5901265	
5901226	5901388	5901386	

Fuel Tank & Mount Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303164



The above parts group applies to the following Mfg. Nos.:

5901387	5901225	5901215	5901226
5901243	5901242	5901224	
5901265	5901214	5901388	
5901308	5901264	5901266	
5901394	5901505	5901386	
5901385	5901538	5901310	

Fuel Tank & Mount Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025170	10	WASHER, 5/16 LOCK YZ
2	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
3	5025386	6	SCREW, #10-24 X 3/8 ALLEN BHBZ
4	5103176	1	TANK, FUEL, IS500 & IS1500 - LH
4A	5022917X1	1	GROMMET, FUEL GAUGE (SV)
4B	5022917	1	GAUGE, FUEL (SV)
5	5049948	1	TANK, FENDER, 1500Z - RH
6	5103005	1	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12"
7	5400250B	2	BADGE, IS1500Z, RED
8	5409854A	1	WELD, TANK MOUNT, RH - BLK
9	5409856A	1	WELD, TANK MOUNT, LH - BLK
10	5025011X6	10	BOLT, 5/16-18 X 3/4 GD5
11	5025013X10	4	BOLT, 3/8-16 X 1-1/4 GD5
12	5025292	10	WASHER, 5/16 F436 FLAT
13	5025293	4	WASHER, 3/8 GD.9 FLAT

Footnotes

The above parts group applies to the following Mfg. Nos.:

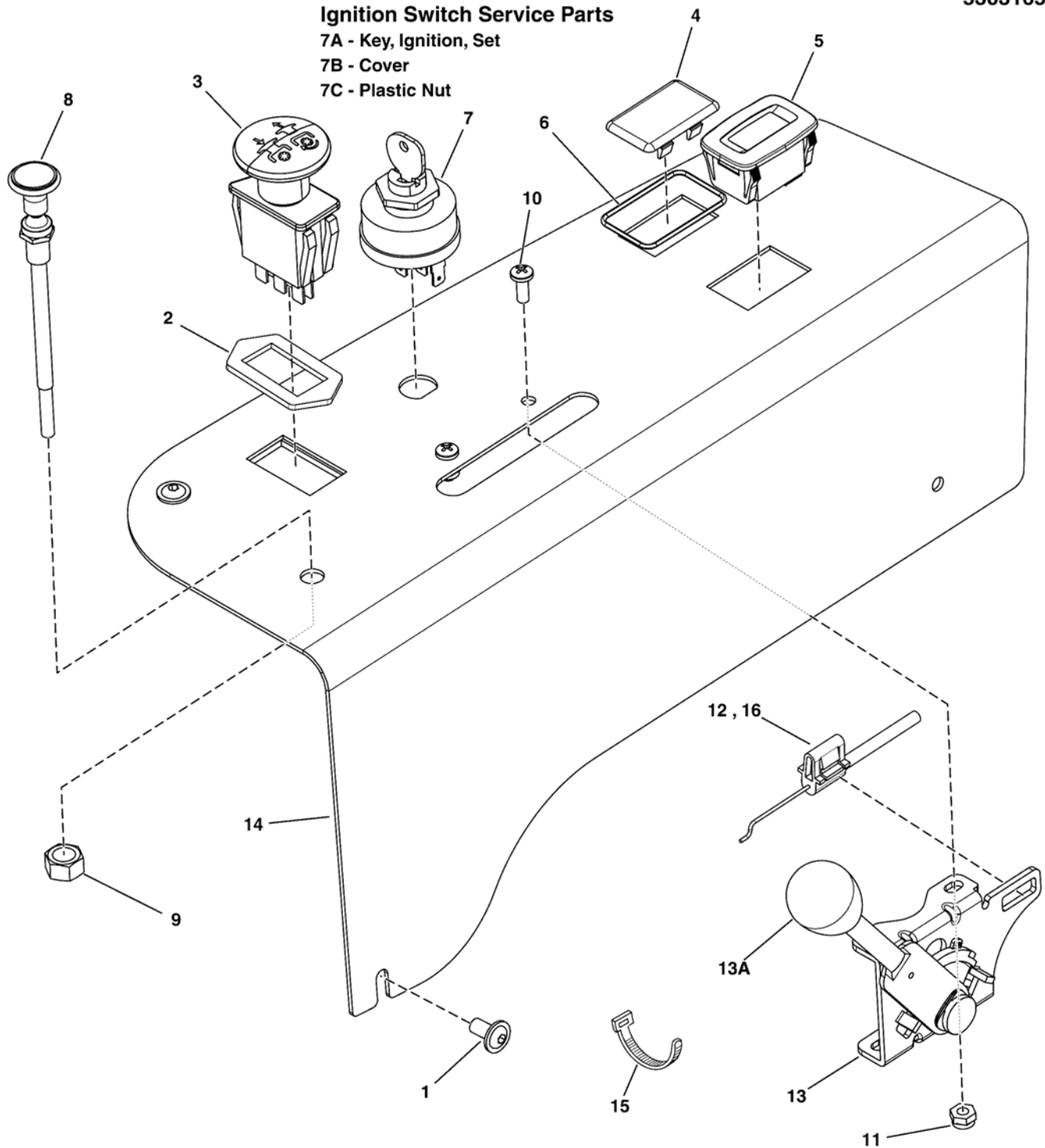
5901387	5901225	5901215	5901226
5901243	5901242	5901224	
5901265	5901214	5901388	
5901308	5901264	5901266	
5901394	5901505	5901386	
5901385	5901538	5901310	

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

Ignition Switch Service Parts

7B - Cover

7C - Plastic Nut



5901224	5901387	5901386
5901243	5901266	5901225
5901388	5901308	5901214
5901242	5901215	5901310
5901226	5901264	5901385
5901265	5901394	

Instrument Control Panel

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025299X4	3	SCREW, 1/4-20 X 1/2 ALLEN BH
2	5022222	1	RING, SWITCH RETAINER
3	5022180	1	SWITCH, BLADE ENGAGEMENT
4	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
5	--	1	* HOUR METER, ASSEMBLY (5409263)
6	5022269	1	O-RING, 7/8 ID X 1/16 W
7	5020927	1	SWITCH, IGNITION, 6 POST
7A	5022789	1	KEY, IGNITION, SET (SV)
7B	5022790	1	COVER (SV)
7C	5022791	1	PLASTIC NUT (SV)
8	5047779	1	CABLE, CHOKE CONTROL, 51 (Z)
9	5025309	1	NUT, 3/8-24 HEX JAM
10	5025179X6	2	SCREW, #10-24 X 3/4 ROUND PHILLIPS
11	5025271	2	NUT, #10-24 HEX NYLON LOCK
12	5101073	1	CABLE, THROTTLE, 42" (All other models)
13	5101537	1	LEVER, THROTTLE CONTROL, HEAVY-DUTY
13A	5046360X1	1	KNOB, THROTTLE CONTROL (SV)
14	5410303A	1	PLATE, CONTROL PANEL, IS600Z - BLK
15	5021030	2	TIE, SELF-LOCKING, 6"
16	5101076	1	CABLE, THROTTLE, 47" (Briggs & Stratton Model 541777 Vanguard Engine Models)

Footnotes

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

The above parts group applies to the following Mfg. Nos.:

5901224	5901387	5901386
5901243	5901266	5901225
5901388	5901308	5901214
5901242	5901215	5901310
5901226	5901264	5901385
5901265	5901394	

Instrument Control Panel - Kawasaki Fuel Injected Models

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

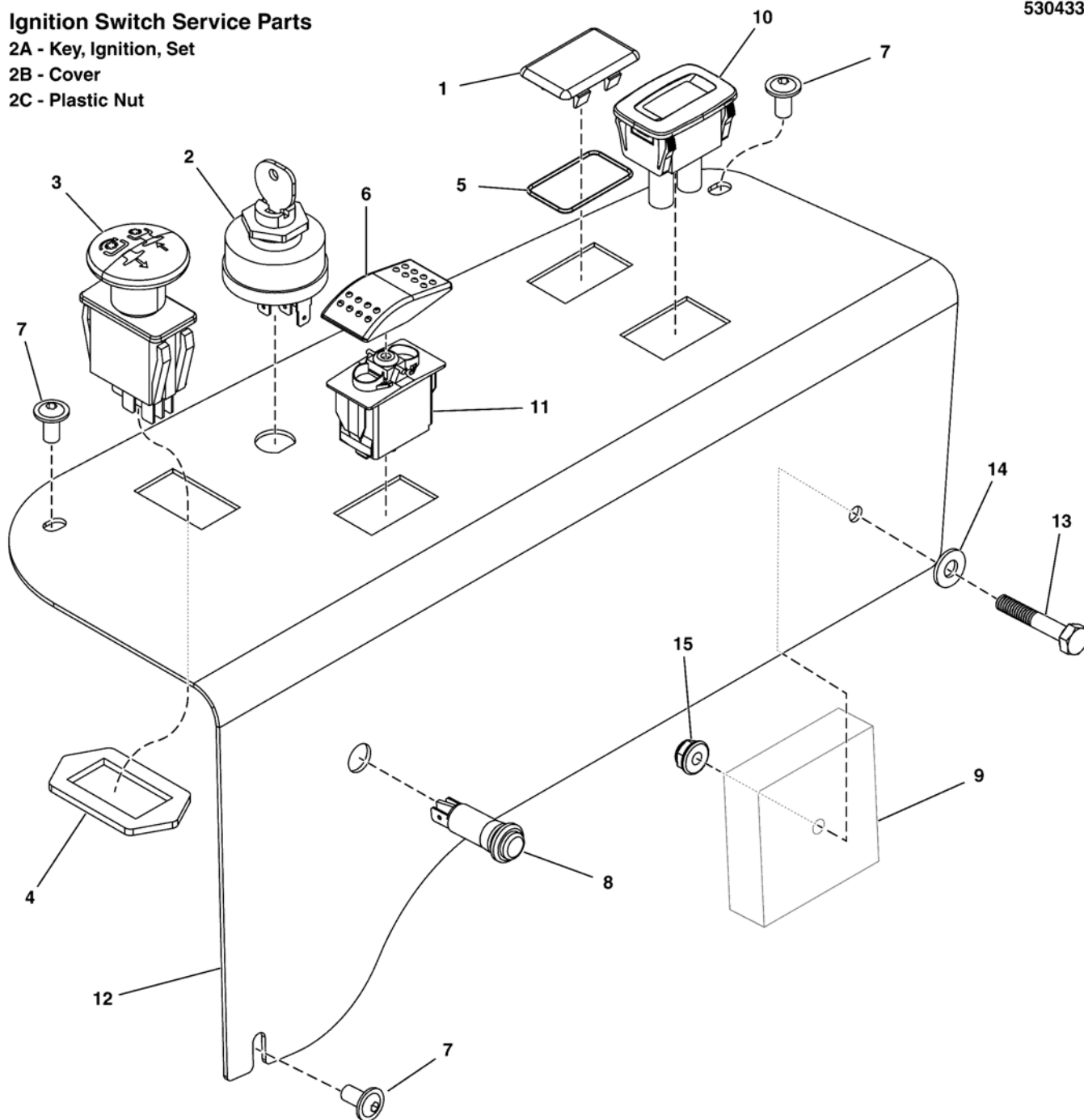
Ignition Switch Service Parts

2A - Key, Ignition, Set

2B - Cover

2C - Plastic Nut

5304339



The above parts group applies to the following Mfg. Nos.:

5901505

5901538

Instrument Control Panel - Kawasaki Fuel Injected Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
2	5020927	1	SWITCH, IGNITION, 6 POST
2A	5022789	1	KEY, IGNITION, SET (SV)
2B	5022790	1	COVER (SV)
2C	5022791	1	PLASTIC NUT (SV)
3	5022180	1	SWITCH, BLADE ENGAGEMENT
4	5022222	1	RING, SWITCH RETAINER
5	5022269	1	O-RING, 7/8 ID X 1/16 W
6	5102219	1	ACTUATOR, ROCKER SWITCH, RED
7	5025299X4	3	SCREW, ALLEN HEAD 1/4-20X.500 ZINC PHOS
8	5103809	1	LIGHT, INDICATOR, PANEL, RED
9	--	1	MODULE, THROTTLE CONTROL (SEE ELECTRICAL GROUP - KAWASAKI FUEL INJECTED MODELS)
10	--	1	* HOUR METER, ASSEMBLY (5409263)
11	5102218	1	BODY, ROCKER SWITCH
12	5414562A	1	PLATE, CONTROL PANEL, IS700Z, KAV EFI - BLK
13	5025010X12	1	BOLT, 1/4-20 X 1-1/2 GD5 CZ
14	5025154	1	WASHER, 1/4 SAE
15	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE

Footnotes

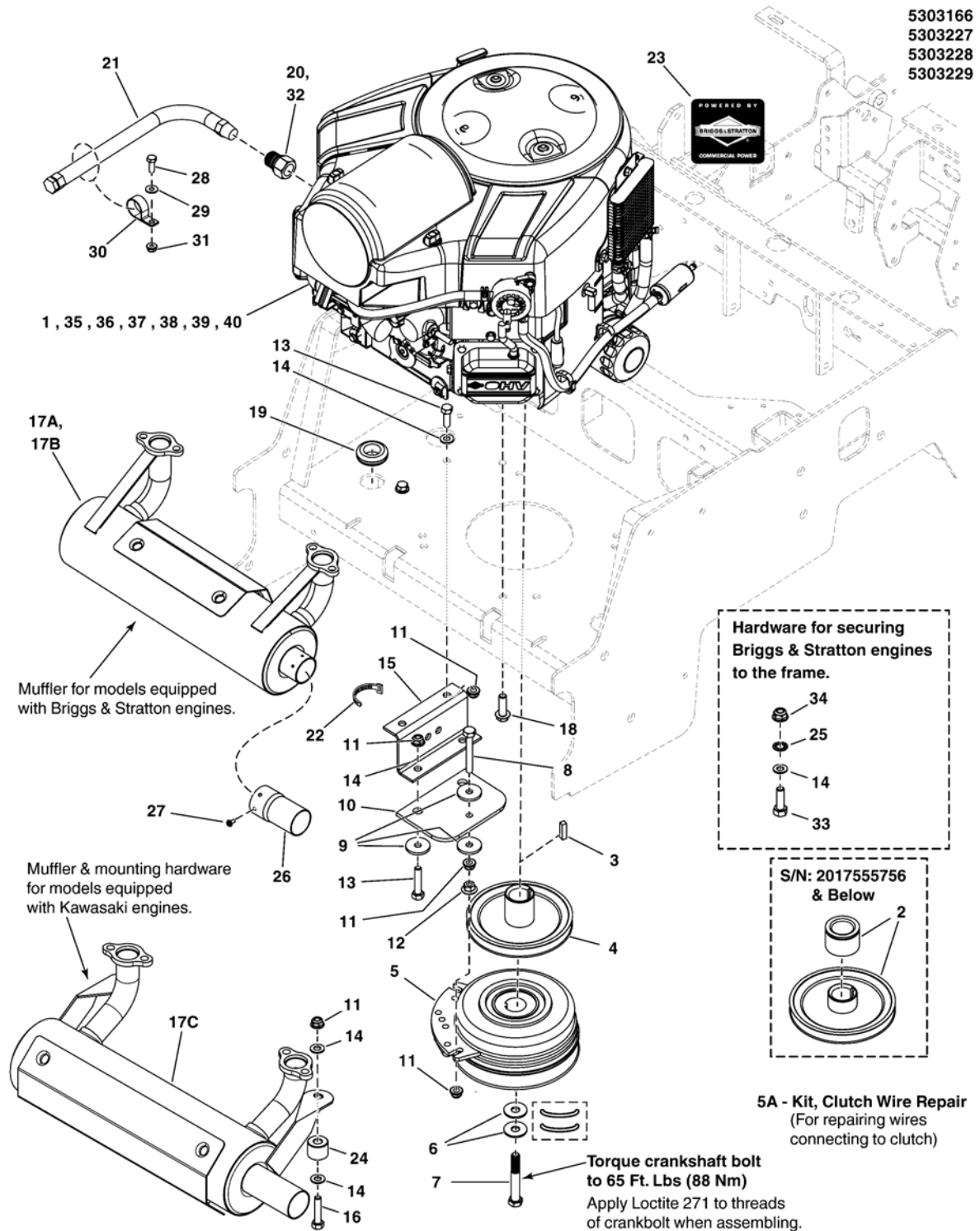
* When replacing this hour meter, please call our service department at 1-800-933-6175 ext. 709

The above parts group applies to the following Mfg. Nos.:

5901505
5901538

Engine & PTO Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901214	5901505	5901386	5901266
5901225	5901242	5901243	
5901215	5901265	5901385	
5901264	5901310	5901308	
5901387	5901226	5901224	
5901538	5901394	5901388	

Engine & PTO Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	-	1	ENGINE, B&S, COMM TURF, 49L977 (Models with Briggs & Stratton Commercial Turf 49L977 Engines)
2	--	1	REPLACE WITH REF # 4 (S/N: 2017555756 & Below)
3	5022726	1	KEY 1/4 SQ X 1 1/2 LONG
4	5105108	1	PULLEY, CRANKSHAFT 1.1255"ID X 5.318" OB (S/N: 2017555756 & Above)
5	5100084	1	CLUTCH,5218-221, WARNER
5A	5600575	1	KIT, CLUTCH WIRE REPAIR (SV)
6	5025585	2	BELLEVILLE WASHER 1.1875 X .442 X .089
7	5102866	1	BOLT, CRANKSHAFT, 7/16-20 X 3, GD8
8	5025055X18	1	BOLT, 5/16-18 X 2-1/4 GD5 TFL, CZ
9	5044617	4	WASHER, .34 X 1.25 X 10 GA
10	5043636	1	CLUTCH ANCHOR PAD
11	5025392	5	NUT, 5/16-18 HEX NYLOCK FLANGE (Qty: 7 - Models w/ Kawasaki Engines S/N: 2016915554 & Below)
12	5025139	1	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
13	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
14	5025155	2	WASHER, 5/16 SAE (Models w/ Kawasaki Engines S/N: 2016915554 & Below)
15	5410367A	1	ANCHOR, CLUTCH, IS600-IS700 - BLK
16	5025011X14	2	BOLT, 5/16-18 X 1-3/4 GD5 CZ (Qty: 2 - Models w/ Kawasaki Engines S/N: 2016915554 & Below)
17A	593249	1	MUFFLER, RIGHT OUTLET ASSY (B&S Commercial Turf & Model 49R977 Vanguard Engines)
17B	843906X1	1	MUFFLER, ASSY, SERVICE PART (B&S Model 541777 Vanguard Engines)
17C	5104326	1	MUFFLER, KAWI, HORIZONTAL, 5" CAN (Kawasaki Engines)
18	5025532	4	BOLT,HEX FLG,SER GD5 3/8-16X1-1/4PACH CZ (Models equipped with Kawasaki Engines Only)
19	5021379	1	GROMMET, 7/8
20	5022234	1	ADAPTER-OIL DRAIN (Models equipped with Kawasaki Engines Only)
21	5048681	1	HOSE, OIL DRAIN
22	5101492	1	TIE,SELF-LOCKING, 24"
23	--	1	NO LONGER AVAILABLE - LABEL, BRIGGS & STRATTON LOGO
24	5046446	2	SPACER, .39 X 1.00 X .80, CZ (Models Kawasaki Engines S/N: 2016915554 & Below)
25	5025188	4	WASHER, 5/16 INT. TOOTH LOCK
26	5104348	1	EXTENSION, TAILPIPE, 3" - BLACK (B&S Commercial Turf & Model 49R977 Vanguard Engines)
27	5025470	2	SCREW,SELF-TAP,#8-32 X 3/8, WASH HEX, CZ (B&S Commercial Turf & Model 49R977 Vanguard Engines)
28	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 YZ
29	5025154	1	WASHER, 1/4 SAE
30	5021500	1	CLAMP, VINYL INSULATED
31	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE
32	5100366	1	METRIC ADAPTER, M14-1.5" TO 3/8 NPTF (B&S Vanguard Engines)

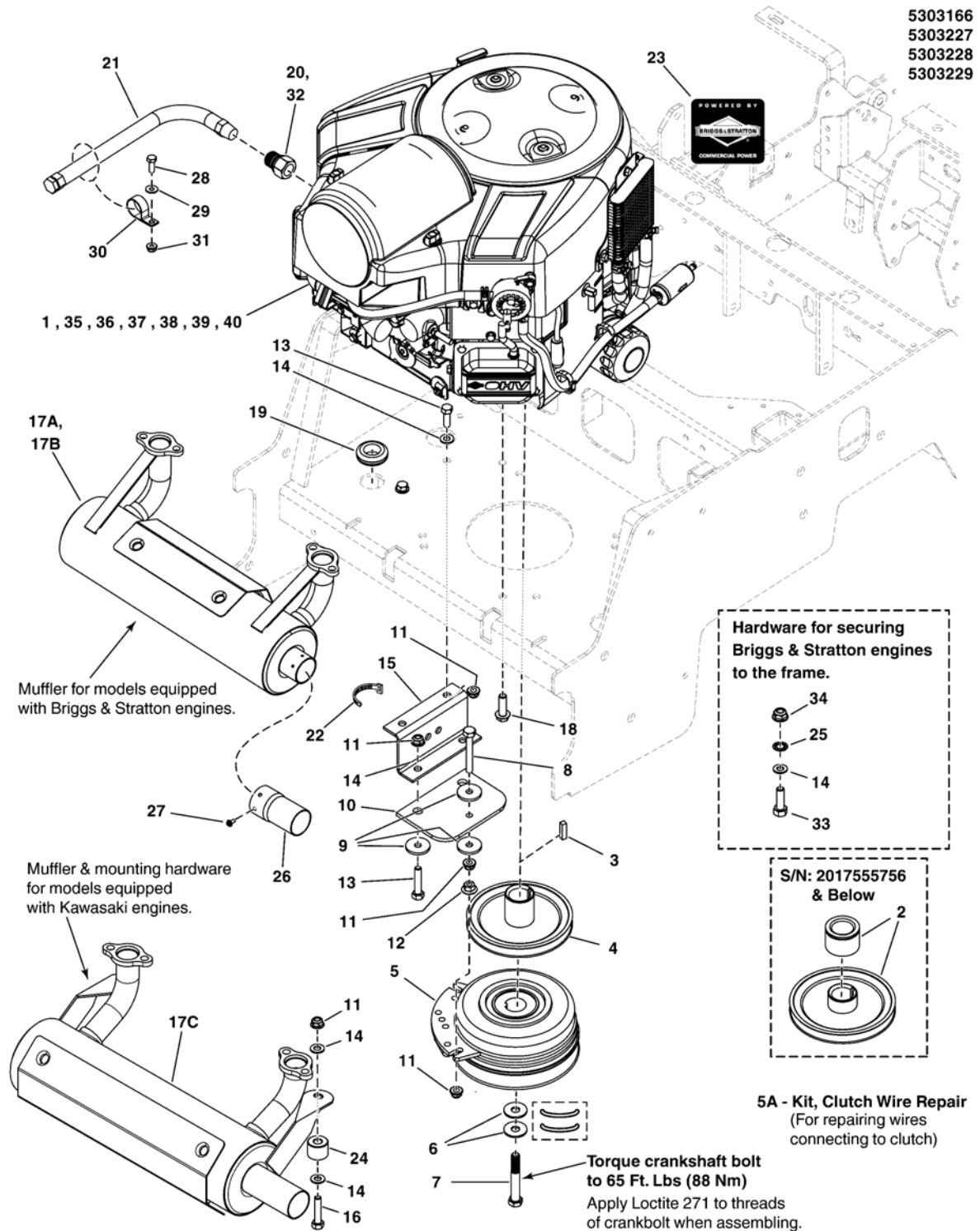
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901214	5901505	5901386	5901266
5901225	5901242	5901243	
5901215	5901265	5901385	
5901264	5901310	5901308	
5901387	5901226	5901224	
5901538	5901394	5901388	

Engine & PTO Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901214	5901505	5901386	5901266
5901225	5901242	5901243	
5901215	5901265	5901385	
5901264	5901310	5901308	
5901387	5901226	5901224	
5901538	5901394	5901388	

Engine & PTO Group

REF NO	PART NO.	QTY.	DESCRIPTION
33	5025025X14	4	BOLT, 5/16-24 X 1-3/4, GD (B&S Engines)
34	5025616	4	NUT, 5/16-24, NYLOCK FLANGE, GD8, CZ (B&S Engines)
35	-	1	ENGINE, B&S VANGUARD, 541777 (Models with Briggs & Stratton Vanguard 541777 Engines)
36	-	1	ENGINE, KAWASAKI, FS691 (Models with Kawasaki FS691)
37	-	1	ENGINE, KAWASAKI, FS730V (Models with Kawasaki FS730V Carbureted)
38	-	1	ENGINE, B&S, COMM TURF, 1-1/8 X 4.29, 49T877 (Models with Briggs & Stratton Commercial Turf 49T877 Engines)
39	-	1	ENGINE, B&S VANGUARD, 49R977 (Models with Briggs & Stratton Vanguard 49R977 Engines)
40	-	1	ENGINE, KAWASAKI, FS730V, EFI (Models with Kawasaki FS730V Fuel Injected)

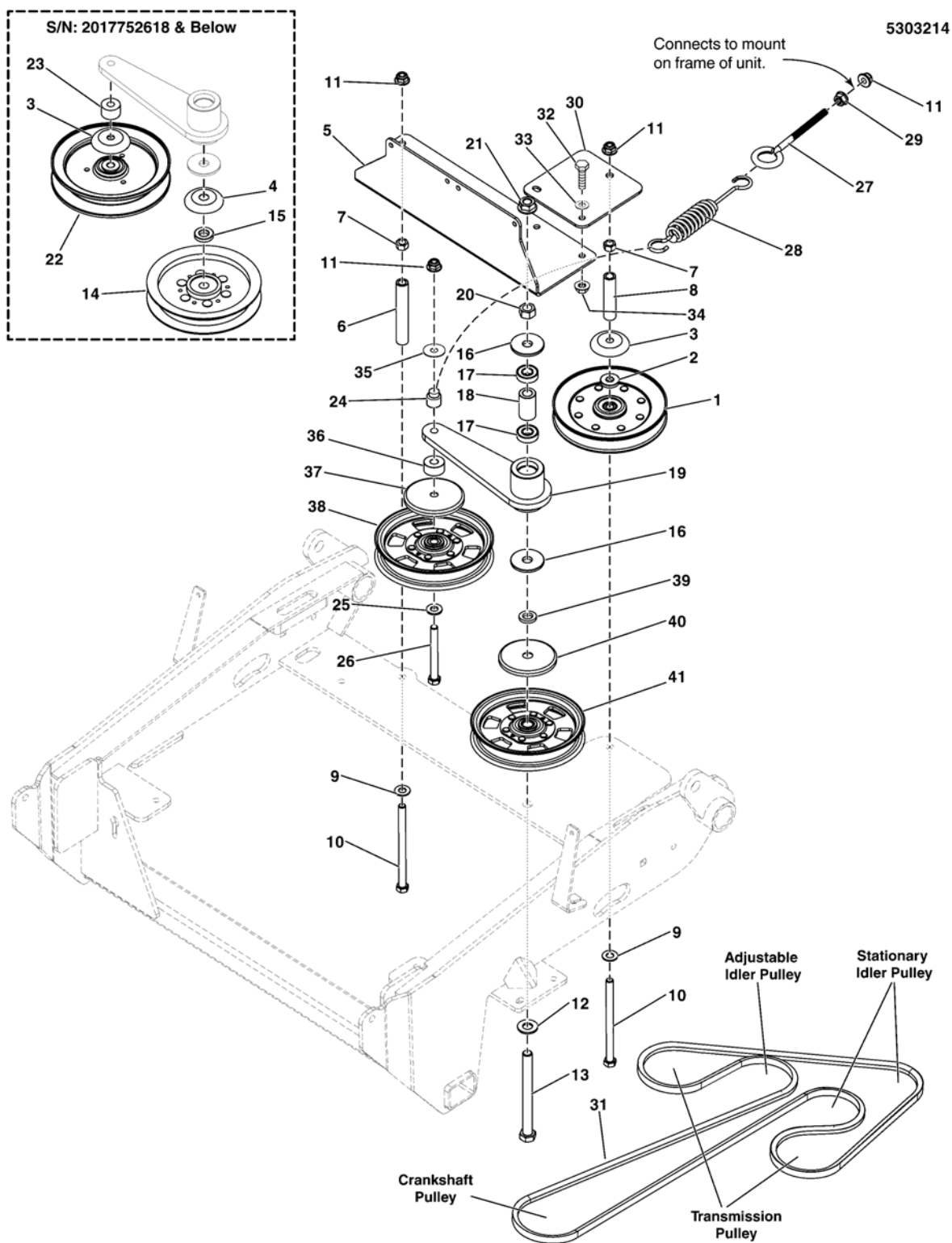
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901214	5901505	5901386	5901266
5901225	5901242	5901243	
5901215	5901265	5901385	
5901264	5901310	5901308	
5901387	5901226	5901224	
5901538	5901394	5901388	

Transaxle Drive Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901394	5901308	5901266	5901385
5901505	5901387	5901215	
5901243	5901226	5901386	
5901224	5901225	5901214	
5901388	5901310	5901265	
5901242	5901264	5901538	

Transaxle Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5103792	1	PULLEY, IDLER-V, 5.83OB, .381ID, .94W
2	5101965	1	SPACER, .390 X 1.00 X .188, CZ
3	5103787	1	SHIELD, BEARING PULLEY, 3/8ID (Qty: 2 - S/N: 2017752618 & Below)
4	5101103	1	SHIELD, PULLEY BEARING (S/N: 2017752618 & Below)
5	5410310A	1	PLATE, RESERVOIR MOUNT - BLK
6	5103763	1	SPACER, .39 X .63 X 4.06, CZ
7	5025034	2	NUT, 3/8-16 HEX
8	5103765	1	SPACER, .39 X .63 X 2.81, CZ
9	5025156	2	WASHER, 3/8 SAE
10	5025013X44	2	BOLT, 3/8-16 X 5-1/2 GD5 YZ
11	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
12	5025158	1	WASHER, 1/2 SAE
13	5025017X44	1	BOLT, 1/2-13 X 5-1/2 GD5 YZ
14	5103764	1	PULLEY, IDLER 5"OD .500ID, .75W STL (S/N: 2017752618 & Below)
15	5100520	1	SPACER, .52 X 1.00 X .22, CZ (S/N: 2017752618 & Below)
16	5103262	2	SPACER, IDLER ARM, 1/2"
17	7078243	2	BEARING, BALL, AXLE
18	5103812	1	SPACER, .52 X .84 X 1.53, PM
19	5412787A	1	WELD, ARM, PUMP DRIVE IDLER, 6.38 - BLK
20	5025038	1	NUT, 1/2-13 HEX, YZ
21	5025396	1	NUT, 1/2-13 HEX NYLOCK FLANGE
22	5103789	1	PULLEY, C-SEC, V-IDLER, 6.25"ODX3/8ID (S/N: 2017752618 & Below)
23	5100334	1	SPACER, .39 X 1.00 X .63, CZ (S/N: 2017752618 & Below)
24	5020923	1	SPACER, SHOULDER
25	5025293	1	WASHER, 3/8 GD.9 FLAT
26	5025013X28	1	BOLT, 3/8-16 X 3-1/2 GD5 CZ
27	5021812	1	EYE BOLT, 3/8-16 X 6, 3.0 THREAD
28	5100632	1	SPRING-EXT, 1.25OD X 9.3LG X .142WR, BLK (coil-to-coil spring measurement: 5")
29	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
30	5410589A	1	PLATE, PULLEY SUPPORT - BLK
31	5103653	1	BELT, A-SEC, 114.3"EL, ARAMID, WRPD
32	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
33	5025155	2	WASHER, 5/16 SAE
34	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
35	5025165	1	WASHER-3/8 FENDER
36	5046860	1	SPACER, .39 X 1.00 X .50, PM, CZ (S/N: 2017752619 & Above)
37	5105146	1	SHIELD, BEARING, 3/8ID X 2-7/8OD, CZ (S/N: 2017752619 & Above)
38	5105098	1	PULLEY, FLT IDLER, 5.0 X .75 X .38, CZ (S/N: 2017752619 & Above)
39	5104239	1	SPACER, .52 X .88 X .14, BZ (S/N: 2017752619 & Above)
40	5105145	1	SHIELD, BEARING, 1/2ID X 2-7/8 OD, CZ (S/N: 2017752619 & Above)
41	5105101	1	PULLEY, FLT IDLER, 5.0 X .75 X .50SH, CZ (S/N: 2017752619 & Above)

Footnotes

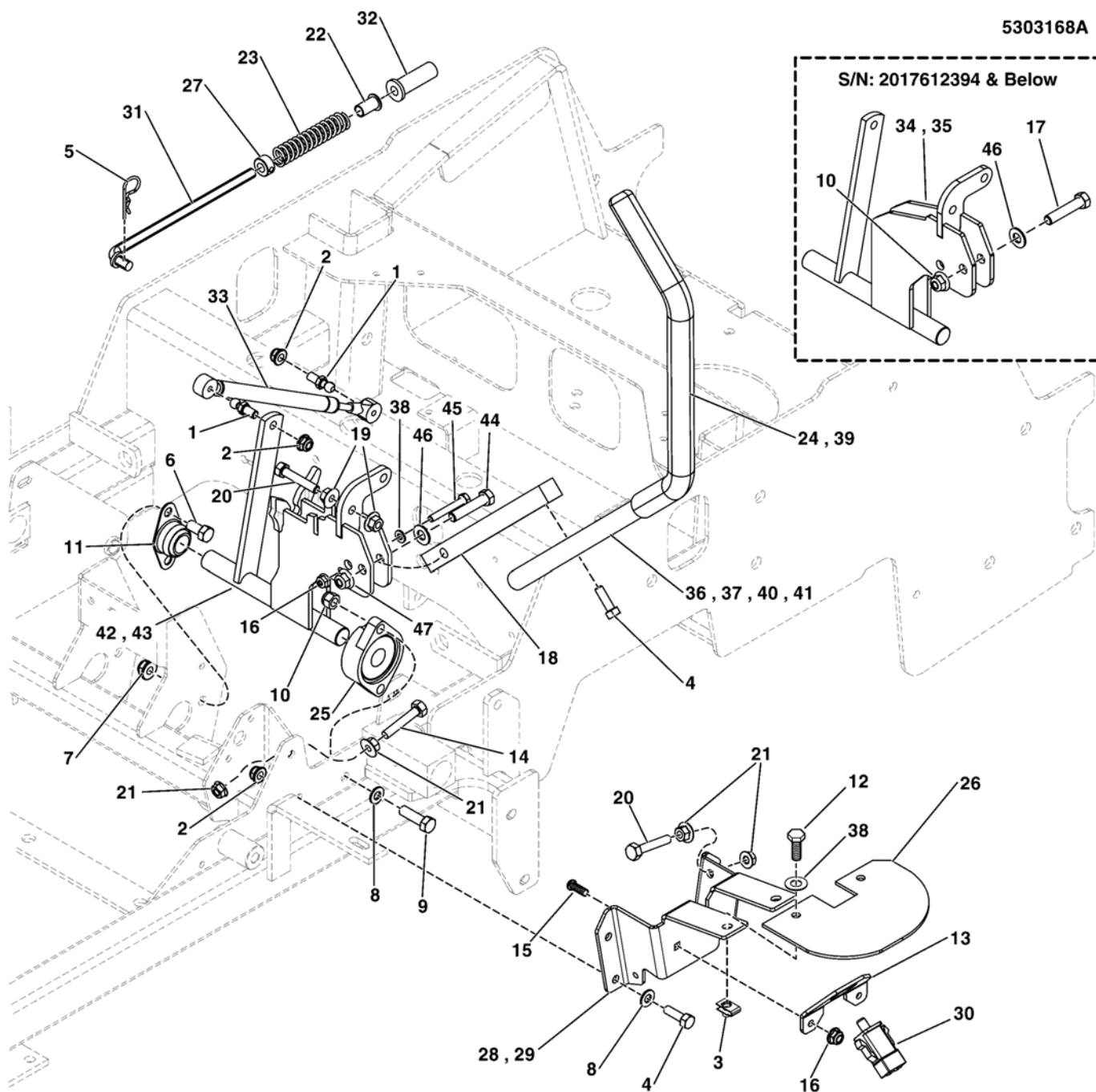
The above parts group applies to the following Mfg. Nos.:

5901394	5901308	5901266	5901385
5901505	5901387	5901215	
5901243	5901226	5901386	
5901224	5901225	5901214	
5901388	5901310	5901265	
5901242	5901264	5901538	

Motion Control Group - Handles & Dampeners

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303168A



The above parts group applies to the following Mfg. Nos.:

5901265	5901387	5901242	5901310
5901308	5901505	5901226	
5901264	5901388	5901538	
5901386	5901266	5901394	
5901224	5901243	5901214	
5901215	5901385	5901225	

Motion Control Group - Handles & Dampeners

REF NO	PART NO.	QTY.	DESCRIPTION
1	5101307	4	10MM BALL STUD, 5/16-18 X 3/4 THDS
2	5025392	14	NUT, 5/16-18 HEX NYLOCK FLANGE
3	5022665	4	BODY CLIP, 1/4-20 X 1/2 DEEP
4	80003531	4	SCREW, 5/16-18X0.750, GR5, WHIZ-LOCK, ZC
5	5025210	2	PIN, HAIR, .0915 X 1-7/8
6	5025013X6	6	BOLT, 3/8-16 X 3/4 GD5 YZ
7	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
8	5025155	12	WASHER, 5/16 SAE
9	5025013X10	4	BOLT, 3/8-16, GD5
10	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
11	5021098	2	BEARING, BRONZE FLANGE, 3/4
12	5025010X6	4	BOLT, 1/4-20 X 3/4" GD5
13	5409984A	2	BRACKET, SWITCH MOUNT - BLK (S/N: 2017612394 & Below)
14	5025055X12	2	BOLT, 5/16-18 X 1-1/2 GD5 TFL
15	80003579	4	BOLT, 1/4-20X0.750, GR5, RH SH SQ NK, ZNC/CLR (S/N: 2017612394 & Below)
16	5025391	6	NUT, 1/4-20 HEX NYLOCK FLANGE (Qty: 4 - S/N: 2017612394 & Below)
17	5025013X14	4	BOLT, 3/8-16 X 1-3/4 GD5 (S/N: 2017612394 & Below)
18	5047004A	2	MOUNT, CONTROL ARM - BLK (9.0" Total Length, 4 Adjustment Holes)
19	5025139	4	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
20	5025055X14	4	BOLT- 5/16-18 X 1-3/4 GD5 TFL
21	5025127	8	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
22	5023260	2	BUSHING, FLANGE 3/8ID X 7/8 LONG
23	5022645	2	SPRING, REVERSE RETURN
24	5022068	2	GRIP, FOAM, 3/4 ID, 16 LONG (S/N: 2017499983 & Below)
25	5021499	2	BEARING, FLANGE
26	5410610A	2	PLATE, NUETRAL LOCK SHIELD, IS700 - BLK
27	5010546	2	COLLAR, 3/8 SET
28	5409982A	1	PLATE, NEUTRAL LOCK, LH - BLK
29	5409983A	1	PLATE, NEUTRAL LOCK, RH - BLK (Not illustrated)
30	--	2	SEE ELECTRICAL GROUP (S/N: 2017612394 & Below)
31	5100947	2	ROD, NEUTRAL RETURN
32	5104375	2	FLANGED BUSHING, 3/8IDX.63ODX.8125FL
33	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
34	5410103A	1	WELD, CONTROL SHAFT, RH - BLK (S/N: 2017612394 & Below)(Not illustrated)
35	5410102A	1	WELD, CONTROL SHAFT, LH - BLK (S/N: 2017612394 & Below)
36	5400637A	1	WELD, HANDLE MOTION CONTROL RH - BLK (S/N: 2017499983 & Below)(Not illustrated)
37	5400636A	1	WELD, HANDLE MOTION CONTROL LH - BLK (S/N: 2017499983 & Below)
38	5025154	6	WASHER, 1/4 SAE (Qty: 4 - S/N: 2017612394 & Below)
39	5104722	2	GRIP, FOAM, 1" ID, 16" LONG (S/N: 2017499984 & Above)
40	5414431A	1	WELD, HANDLE MOTION CNTRL, 19.0, 1.0, LH, BLK (S/N: 2017499984 & Above)
41	5414432A	1	WELD, HANDLE MOTION CNTRL, 19.0, 1.0, RH, BLK (S/N: 2017499984 & Above)(Not illustrated)

Footnotes

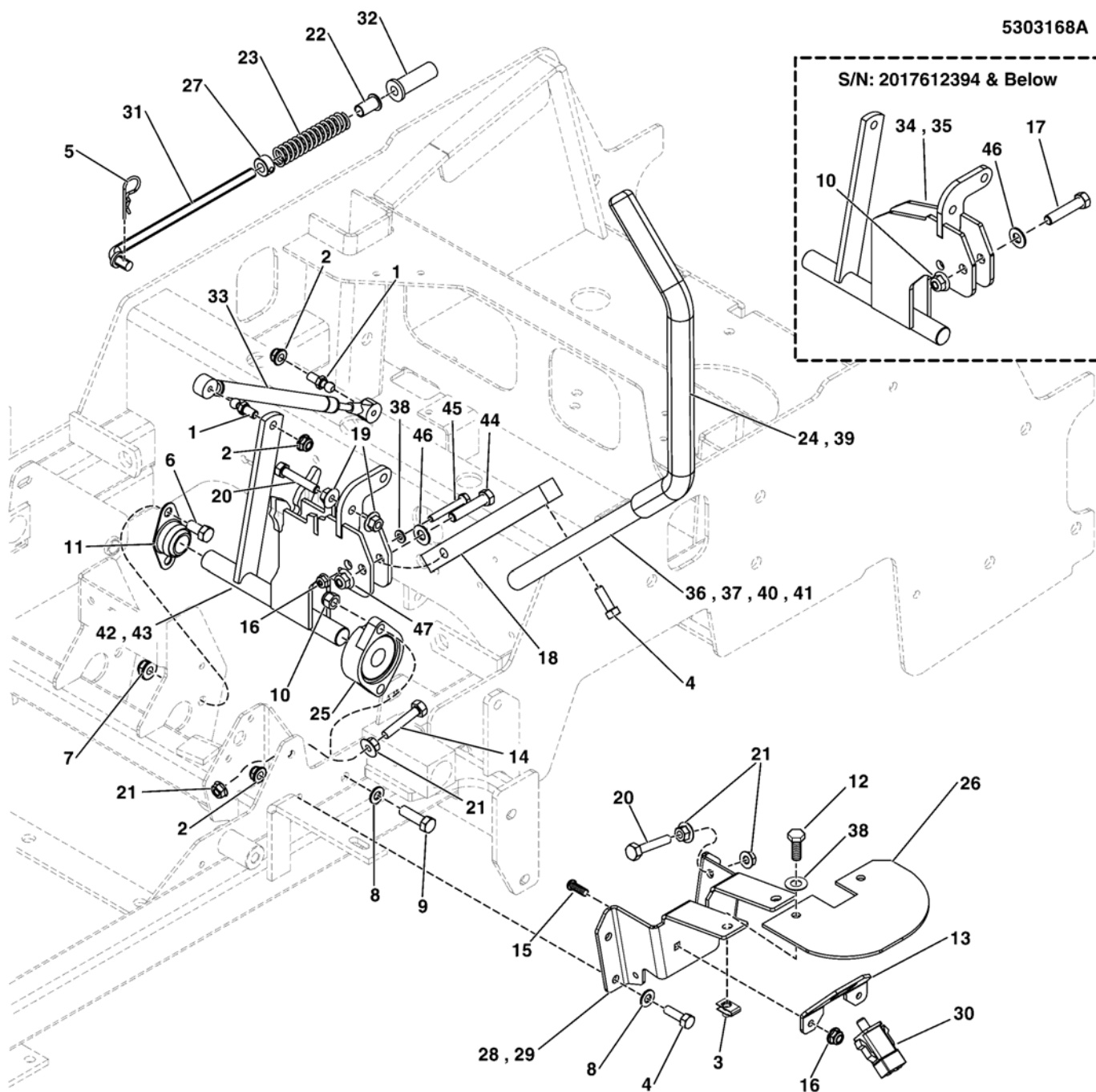
The above parts group applies to the following Mfg. Nos.:

5901265	5901387	5901242	5901310
5901308	5901505	5901226	
5901264	5901388	5901538	
5901386	5901266	5901394	
5901224	5901243	5901214	
5901215	5901385	5901225	

Motion Control Group - Handles & Dampeners

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303168A



The above parts group applies to the following Mfg. Nos.:

5901265	5901387	5901242	5901310
5901308	5901505	5901226	
5901264	5901388	5901538	
5901386	5901266	5901394	
5901224	5901243	5901214	
5901215	5901385	5901225	

Motion Control Group - Handles & Dampeners

REF NO	PART NO.	QTY.	DESCRIPTION
42	5415732A	1	WELD, CONTROL SHAFT, LOCKOUT, LH - BLK (S/N: 2017612395 & Above)
43	5415733A	1	WELD, CONTROL SHAFT, LOCKOUT, RH - BLK (S/N: 2017612395 & Above)(Not illustrated)
44	5025013X14	2	BOLT, 3/8-16 X 1-3/4 GD5 CZ (S/N: 2017612395 & Above)
45	5025010X14	2	BOLT, 1/4-20 X 1-3/4 GD5 CZ (S/N: 2017612395 & Above)
46	5025156	2	WASHER, 3/8 SAE (Qty: 4 - S/N: 2017612394 & Below)
47	5025396	2	NUT, 3/8-16 HEX NYLOCK FLANGE (Qty: 4 - S/N: 2017612395 & Above)

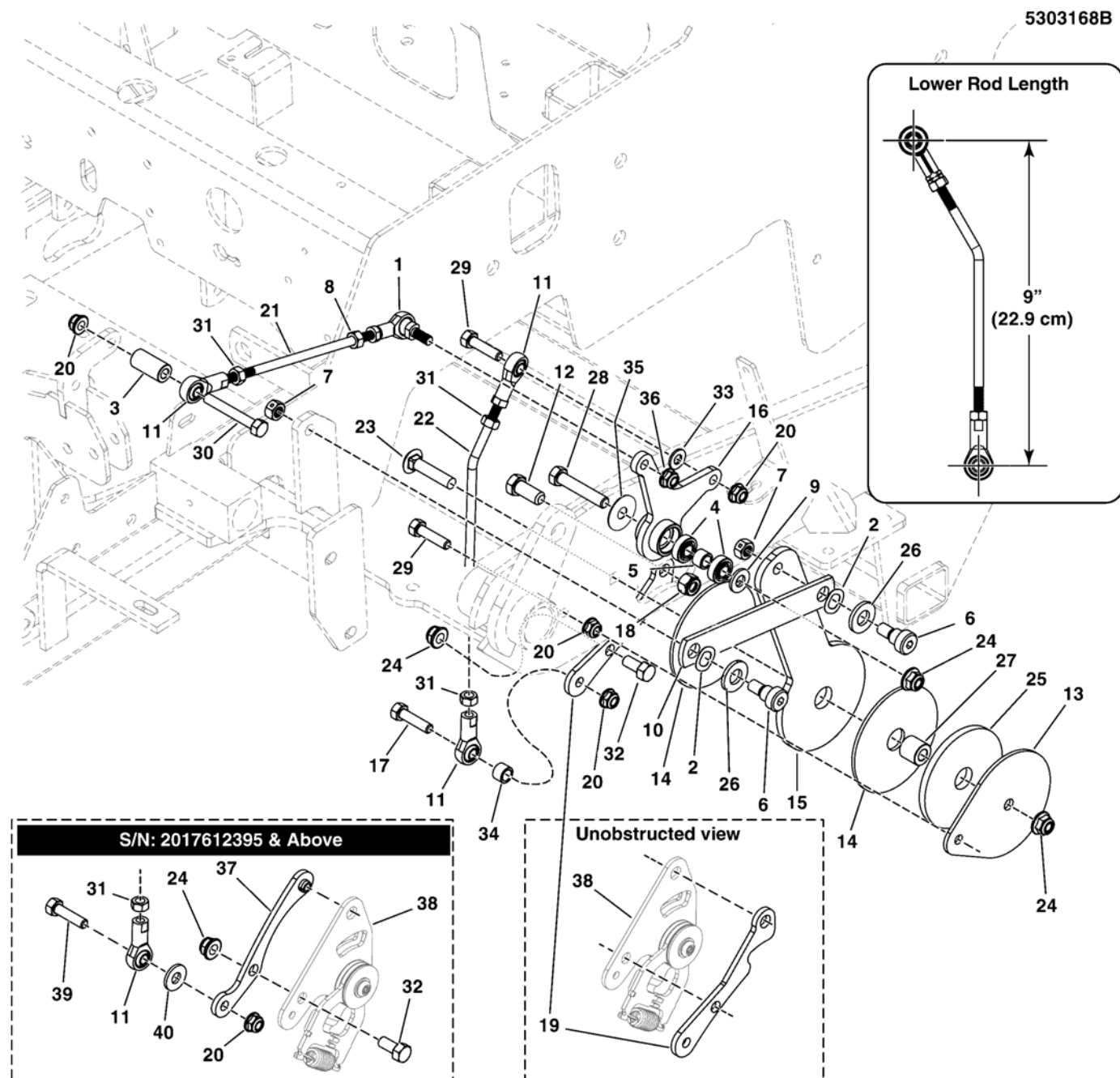
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901265	5901387	5901242	5901310
5901308	5901505	5901226	
5901264	5901388	5901538	
5901386	5901266	5901394	
5901224	5901243	5901214	
5901215	5901385	5901225	

Motion Control Group - Control System

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901215	5901388	5901266	5901265
5901538	5901243	5901226	
5901225	5901242	5901224	
5901308	5901214	5901394	
5901387	5901264	5901385	
5901386	5901505	5901310	

Motion Control Group - Control System

REF NO	PART NO.	QTY.	DESCRIPTION
1	5104495	2	BALL JOINT, 5/16-24 LH FEMALE W/STUD, BR
2	5103784	4	WAVE WASHER, 1/2"ID X .087"OD X .01 THK.
3	5102599	2	SPACER, .33 X .63 X 1.25, CZ
4	5102003	4	BEARING, .375" ID X .875" OD X .341" THK
5	5103676	2	SPACER, .39 X .55 X .38, CZ
6	5025356	4	BOLT, 3/8-16 X 3/8, 1/2 SHOULDER
7	5025100	4	NUT, 3/8-16 HEX SIDE LOCK
8	5023212	2	NUT, 5/16-24 HEX, LH
9	5025293	2	WASHER, 3/8 GD.9 FLAT
10	5410447A	2	LINK, CONTROL SYSTEM ARM, IS700 - BLK
11	5104578	6	BALL JOINT 5/16-24 RH FEMALE STAMPED STL
12	5025015X6	2	BOLT, 7/16-14 X 3/4, GD 5 YZ (S/N: 2017612394 & Below)
13	5410271A	2	PLATE, CONTROL SYSTEM LOCK - BLK
14	5103672	4	PAD, CONTROL SYSTEM
15	5410268	2	PLATE, CONTROL SYSTEM ARM - HT
16	5103718	2	PIVOT, CONTROL SYSTEM
17	5025011X12	2	BOLT, 5/16-18 X 1-1/2 GD5 YZ (S/N: 2017612394 & Below)
18	5025125	2	NUT, 7/16-14 HEX NYLON LOCK (S/N: 2017612394 & Below)
19	--	2	REPLACE WITH COMPONENTS IN S/N: 2017612395 & ABOVE RANGE (S/N: 2017612394 & Below)
20	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
21	5103759	2	ROD, HYDRO LINKAGE, 7.75, CZ
22	5103760	2	ROD, CONTROL SYSTEM, IS700, CZ
23	5025146X12	2	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
24	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
25	5103704	2	PAD, .77 X 3.50 X .25, POLYURETHANE
26	5025440	4	WASHER, 1/2 GD9 YZ
27	5103705	2	SPACER, .39 X .75 X .69, CZ
28	5025013X16	2	BOLT, 3/8-16 X 2 GD5 YZ
29	5025011X10	10	BOLT, 5/16-18 X 1-1/4 GD5 YZ
30	5025011X20	2	BOLT, 5/16-18 X 2-1/2 GD5 YZ
31	5025033	6	NUT, 5/16-24 HEX
32	5025013X6	2	BOLT, 3/8-16 X 3/4 GD5 YZ
33	5025292	2	WASHER, 5/16 F436 FLAT
34	5103767	2	SPACER, .33 X .625 X .360 (S/N: 2017612394 & Below)
35	5025165	2	WASHER-3/8 FENDER
36	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
37	5105030	2	CONTROL ARM, ZT3400 (S/N: 2017612395 & Above)
38	--	-	TRANSAXLE CONTROL ARM (PART OF TRANSAXLE)
39	5025011X10	2	BOLT, 5/16-18 X 1-1/4 GD5 CZ (S/N: 2017612395 & Above)
40	5025155	2	WASHER, 5/16 SAE (S/N: 2017612395 & Above)

Footnotes

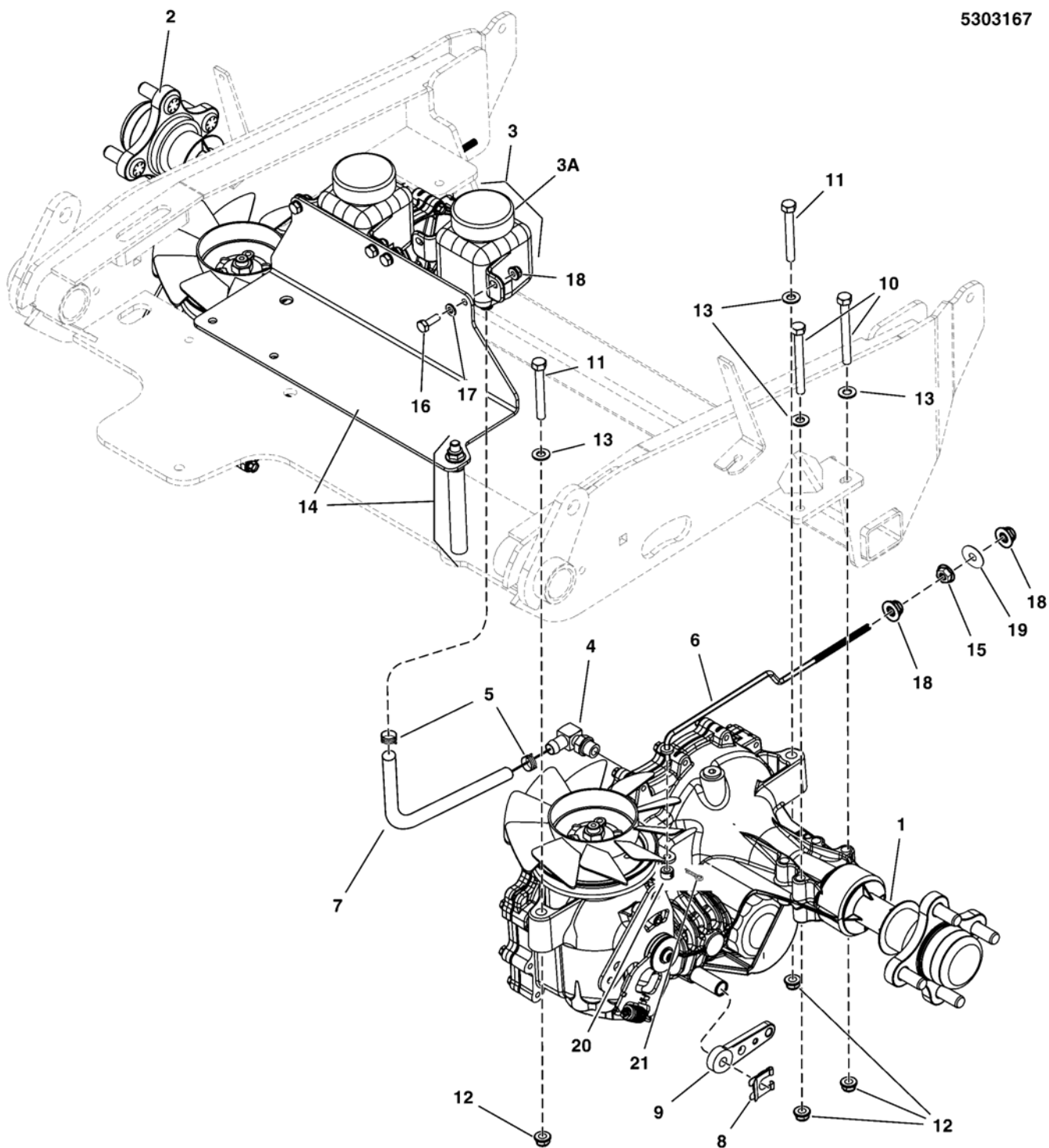
The above parts group applies to the following Mfg. Nos.:

5901215	5901388	5901266	5901265
5901538	5901243	5901226	
5901225	5901242	5901224	
5901308	5901214	5901394	
5901387	5901264	5901385	
5901386	5901505	5901310	

Hydraulic Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303167



The above parts group applies to the following Mfg. Nos.:

5901215	5901264	5901310	5901226
5901385	5901242	5901265	
5901243	5901224	5901386	
5901538	5901214	5901225	
5901505	5901308	5901388	
5901266	5901387	5901394	

Hydraulic Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5103589	1	3400 TRANS, LH, ZS-KHEF-8T7C-11RX
2	5103590	1	3400 TRANS, RH, ZS-GHEF-8T7B-11 RX
3	5100473	2	HYDRO RES. #71328, 350 ml
3A	5100778X1	2	RESERVOIR CAP (SV)
4	5100370	2	FITTING, 9/16 O-RING-1/2" HOSE, 90 DEG
5	5023268	4	CLAMP, HOSE
6	5103631	2	ROD, DUMP VALVE, IS600 (Older style rods did not have a hole for the hair pin.)
7	5050857X9P5	2	HOSE, 1/2 PUSH-LOCK, 9.50
8	5104055	2	E-CLIP, BRAKE ARM, ZT3100 & ZT3400
9	5103750	2	BRAKE ARM, ZT-3400
10	5025011X24	4	BOLT, 5/16-18 X 3 GD5 YZ
11	5025011X20	4	BOLT, 5/16-18 X 2-1/2 GD5 YZ (S/N: 2016905168 & Below)
11	5025013X20	4	BOLT, 3/8-16 X 2-1/2 GD5 (S/N: 2016905169 & Above)
12	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE (QTY: 12 - S/N: 2016905168 & Below)
12	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE (S/N: 2016905169 & Above)
13	5025292	4	WASHER, 5/16 F436 FLAT (QTY: 8 - S/N: 2016905168 & Below)
13	5025156	4	WASHER, 3/8 SAE (S/N: 2016905169 & Above)
14	-	-	See Pump Drive Group
15	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
16	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 YZ
17	5025154	4	WASHER, 1/4 SAE
18	5025391	8	NUT, 1/4-20 HEX NYLOCK FLANGE
19	5025288	2	WASHER, 1/4 FENDER
20	5022481	2	COLLAR, 1/4 SET (S/N: 2016497835 & Below)
21	5025211	2	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, YZ (S/N: 2016497836 & Above)

Footnotes

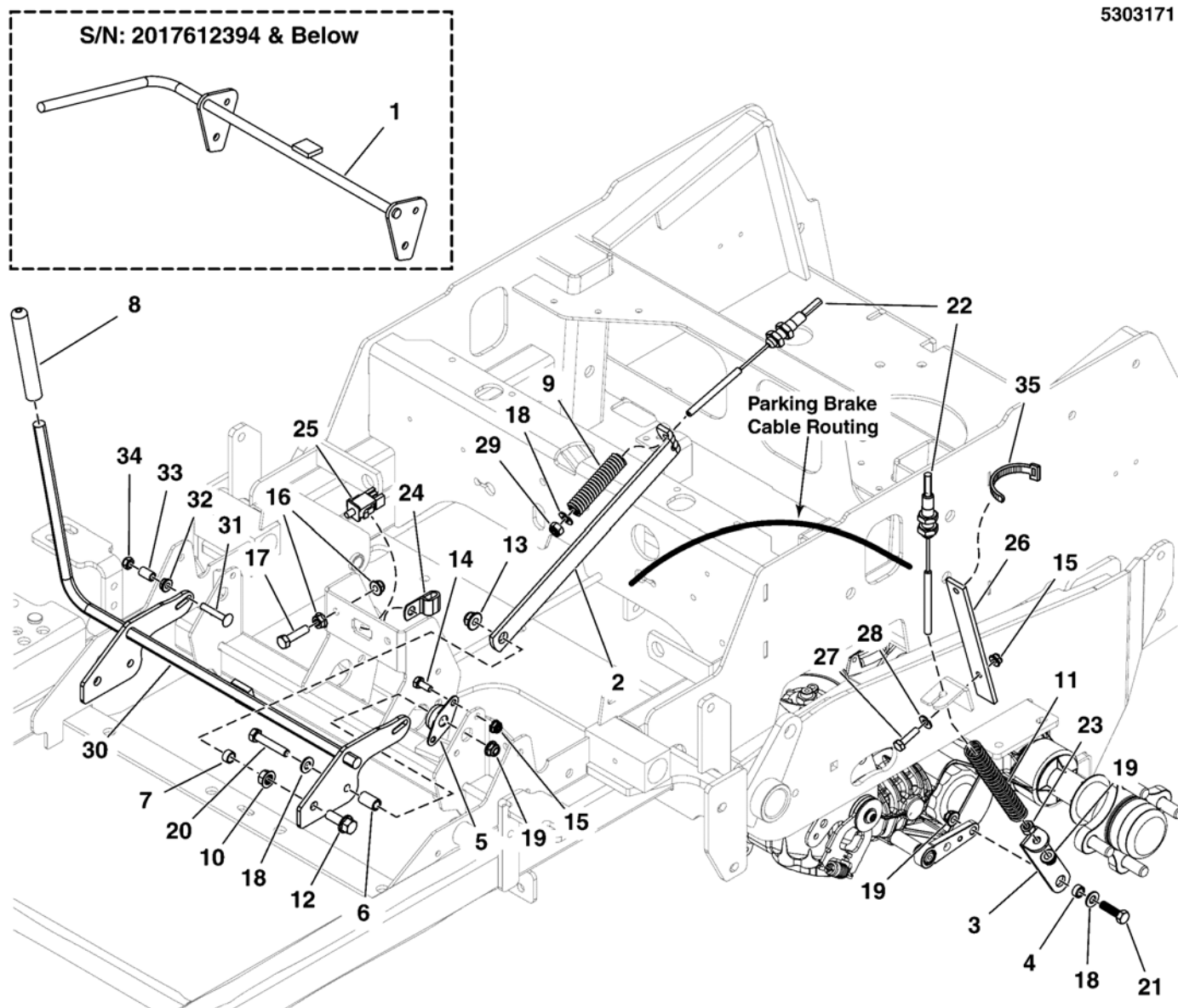
The above parts group applies to the following Mfg. Nos.:

5901215	5901264	5901310	5901226
5901385	5901242	5901265	
5901243	5901224	5901386	
5901538	5901214	5901225	
5901505	5901308	5901388	
5901266	5901387	5901394	

Parking Brake Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303171



The above parts group applies to the following Mfg. Nos.:

5901394	5901387	5901386	5901310
5901224	5901264	5901214	
5901226	5901215	5901265	
5901266	5901538	5901242	
5901388	5901225	5901308	
5901505	5901385	5901243	

Parking Brake Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5410216A	1	WELD, BRAKE SHAFT, IS600 - BLK
2	5410328A	2	LINK, BRAKE LOCK, IS700 - BLK
3	5410294A	2	LINK, LOWER BRAKE, IS700 - BLK
4	5102463	2	SPACER, .33 X .50 X .25, CZ
5	5101123	2	BEARING, 1/2 FLANGED, PLASTIC BALL
6	5103660	2	SPACER, .32 X .50 X .83, CZ
7	5041930	2	SPACER, .38 X .50 X .27, CZ
8	5021880	1	GRIP, FOAM, .475 X 4.35 X .095
9	5023242	2	SPRING-COMP, .496ID X 3.00LG X .112WR
10	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE
11	5021494	2	SPRING, COMPRESSION, 5-1/2
12	5025390X12	2	BOLT, 3/8-16 X 1-1/2, FLANGE, GD 5, CZ
13	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
14	80002437	4	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
15	5025391	6	NUT, 1/4-20 HEX NYLOCK FLANGE
16	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
17	5025011X10	1	BOLT, 5/16-18 X 1-1/4 GD5 YZ
18	5025155	6	WASHER, 5/16 SAE
19	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
20	5025011X14	2	BOLT, 5/16-18 X 1-3/4 GD5 YZ
21	5025011X9	2	BOLT, 5/16-18 X 1-1/8 GD5
22	5104276	2	CABLE, PARKING BRAKE, 31" (787.9 MM)
23	5025032	2	NUT, 5/16-18 HEX
24	5025430	1	CLAMP, 5/16 DOUBLE, WIRE & TUBE (For stowing the spanner wrench.)
25	--	1	SEE ELECTRICAL GROUP
26	5410734A	2	BRACKET, CABLE SUPPORT - BLK
27	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
28	5025154	2	WASHER, 1/4 SAE
29	5025045	2	NUT, 5/16-24 HEX NYLOCK LOCK
30	5415910A	1	WELD, BRAKE SHAFT, 700 - BLK (S/N: 2017612395 & Above)
31	80003564	2	BOLT, 1/4-20 X 1.500, GR5, SQ, ZINC/CLEA (S/N: 2017612395 & Above)
32	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE (S/N: 2017612395 & Above)
33	5041483	2	SPACER, .25 X .38 X .63, CZ (S/N: 2017612395 & Above)
34	5025095	2	NUT, 1/4-20 HEX NYLON LOCK (S/N: 2017612395 & Above)
35	5021029	2	TIE, SELF-LOCKING, 12"

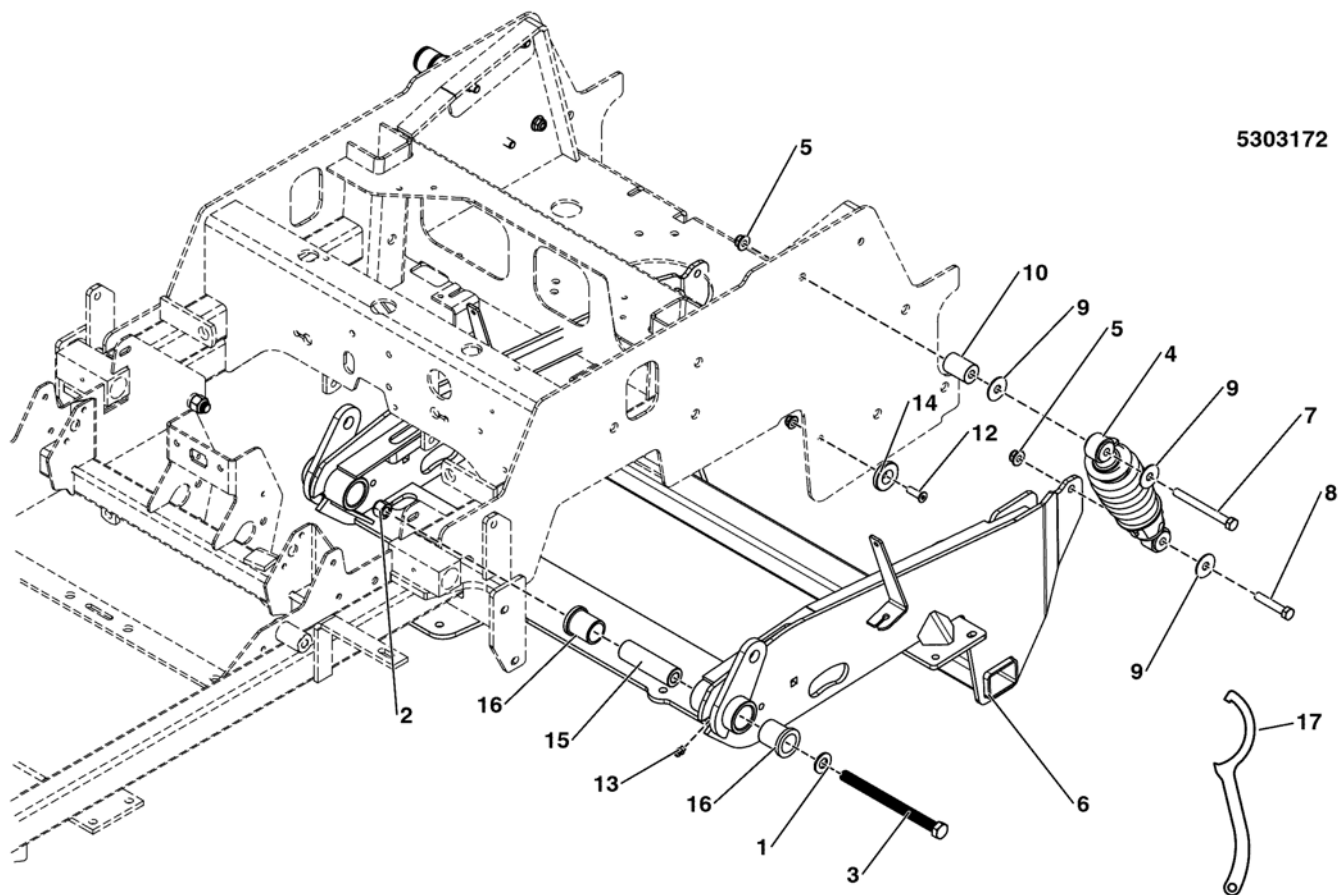
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901394	5901387	5901386	5901310
5901224	5901264	5901214	
5901226	5901215	5901265	
5901266	5901538	5901242	
5901388	5901225	5901308	
5901505	5901385	5901243	

Rear Suspension Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901308	5901387	5901226	5901386
5901224	5901310	5901394	
5901538	5901266	5901225	
5901242	5901505	5901264	
5901388	5901265	5901385	
5901214	5901215	5901243	

Rear Suspension Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025158	2	WASHER, 1/2 SAE
2	5025056	2	NUT, 1/2-13 HEX NYLON LOCK
3	5025488X52	2	BOLT, 1/2-13 X 6-1/2 GD8, YZ
4	5023436	2	SHOCK ABSORBER
5	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
6	5409706B	1	WELD, SUSPENSION CRADLE, IS700 - RED
7	5025013X28	2	BOLT, 3/8-16 X 3-1/2 GD5 CZ
8	5025013X16	2	BOLT, 3/8-16 X 2 GD5 YZ
9	5025165	6	WASHER-3/8 FENDER
10	5103427	2	SPACER, .39 X 1.00 X 1.25, CZ
11	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
12	5025594	2	SCREW, 5/16-18 X 1, PHILLIPS HD, BZ
13	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
14	5102701	2	SPACER, .34 X 1.54 X .25 - UHMW
15	5061339	2	SPACER, .52 X 1.00 X 3.42
16	5021541	4	BUSHING, FLANGE
17	5022853	1	WRENCH, SPANNER, CZ

Footnotes

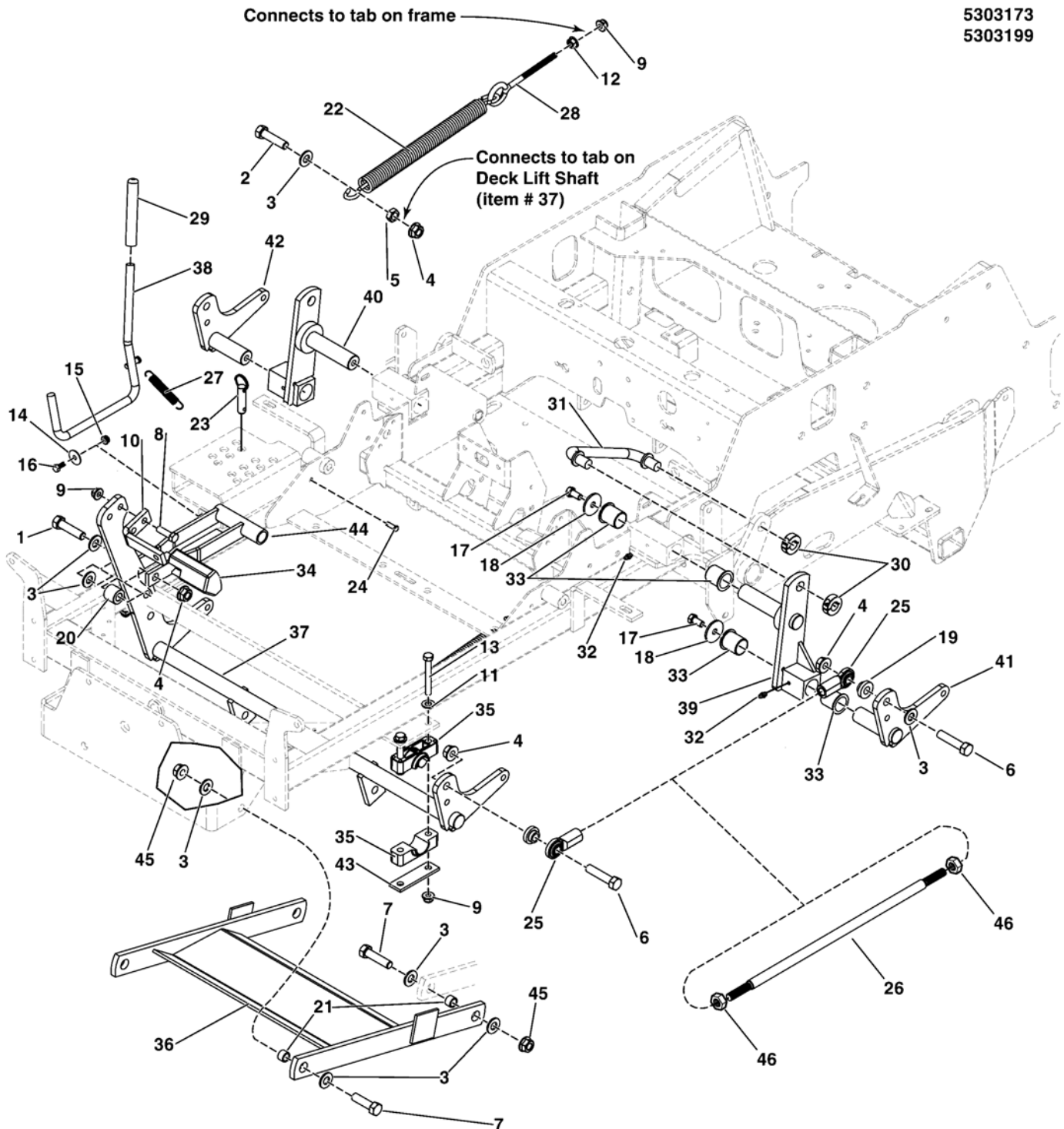
The above parts group applies to the following Mfg. Nos.:

5901308	5901387	5901226	5901386
5901224	5901310	5901394	
5901538	5901266	5901225	
5901242	5901505	5901264	
5901388	5901265	5901385	
5901214	5901215	5901243	

Deck Lift Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303173
5303199



The above parts group applies to the following Mfg. Nos.:

5901225	5901505	5901394	5901538
5901214	5901385	5901215	
5901388	5901226	5901265	
5901387	5901242	5901308	
5901266	5901310	5901224	
5901386	5901264	5901243	

Deck Lift Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 YZ
2	5025017X16	2	BOLT, 1/2-13 X 2 GD5 YZ Qty: 1 - 52" Models
3	5025158	14	WASHER, 1/2 SAE Qty: 13 - 52" Models
4	5025396	7	NUT, 1/2-13 HEX NYLOCK FLANGE Qty: 6 - 52" Models
5	5025301	2	NUT, 1/2-13 HEX JAM Qty: 1 - 52" Models
6	5025017X18	4	BOLT, 1/2-13 X 2-1/4 GD5 YZ
7	5025018X14	4	BOLT, 1/2-20 X 1-3/4" GD8 YZ
8	5025013X10	2	BOLT, 3/8-16 X 1-1/4 GD5
9	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE Qty: 7 - 52" Models
10	5061569A	1	PEDAL, FOOT - BLK
11	5025156	4	WASHER, 3/8 SAE
12	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE Qty: 1 - 52" Models
13	5025013X22	4	BOLT, 3/8-16 X 2-3/4 GD5 YZ
14	5025288	2	WASHER, 1/4 FENDER
15	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
16	80002437	2	HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR
17	5025443	4	BOLT, 3/8-16 X 3/4, PLT W/PATCH
18	5100548	4	WASHER, .390 X 1.50 X .109, YZ
19	5045023	4	SPACER, .52 X 1.00 X .44. CZ
20	5044673	1	SPACER, .52 X 1.00 X .88, CZ
21	5020870	4	INSERT, BEARING
22	5023355	2	SPRING-EXT, 1.00 ODX13.25LGX.177WR, BLK Qty: 1 - 52" Models
23	5023498	1	PIN, HITCH, 1/2 X 2.00 OAL, YP
24	5025212X4	1	CLEVIS PIN, 1/4 X 1/2, CZ
25	1702779	4	JOINT-BALL .500-20 THD .500ID, CLR ZINC
26	5103758	2	ROD, DECK LIFT, 19.25
27	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
28	5021812	2	EYE BOLT, 3/8-16 X 6, 3.0 THREAD (S/N: 2016893014 & Below)(Qty: 1 - 52" Models)
28	5025429	2	EYE BOLT, 3/8-16 X 4, 2.13THRD, 1EYE, CZ (S/N: 2016893015 & Above)(Qty: 1 - 52" Models)
29	5021880	1	GRIP, FOAM, .475 X 4.35 X .095
30	5020441	4	COLLAR, 5/8 SPLIT
31	5103703	2	ROD, SUSPENSION LINK, IS700
32	5020095	4	GREASE FITTING, 1/4-28 STRAIGHT
33	5023343	8	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
34	5104262	1	RUBBER, FOOT PEDAL
35	5100634	4	PIVOT BLOCK, PLASTIC
36	5410213A	1	WELD, PULLER BAR, IS700Z - BLK
37	5410219B	1	WELD, DECK LIFT SHAFT, IS700 - RED (S/N: 2016893014 & Below)
37	5412701B	1	WELD, DECK LIFT SHAFT, IS700 - RED (S/N: 2016893015 & Above)
38	5410317A	1	WELD, ROD DECK LIFT, IS700 - BLK
39	5401664A	1	WELD, REAR LIFT - LH - BLK

Footnotes

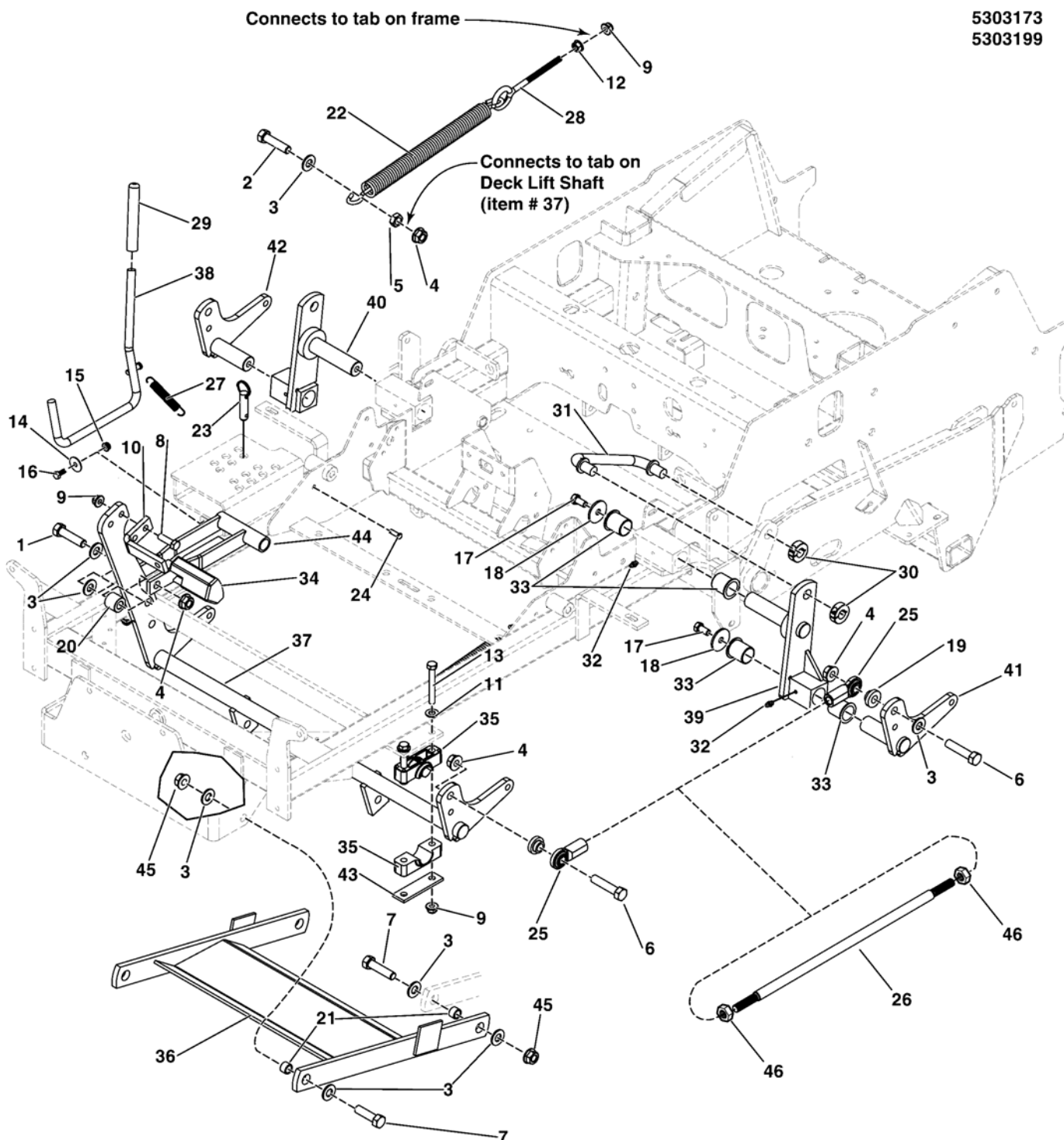
The above parts group applies to the following Mfg. Nos.:

5901225	5901505	5901394	5901538
5901214	5901385	5901215	
5901388	5901226	5901265	
5901387	5901242	5901308	
5901266	5901310	5901224	
5901386	5901264	5901243	

Deck Lift Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303173
5303199



The above parts group applies to the following Mfg. Nos.:

5901225	5901505	5901394	5901538
5901214	5901385	5901215	
5901388	5901226	5901265	
5901387	5901242	5901308	
5901266	5901310	5901224	
5901386	5901264	5901243	

Deck Lift Group

REF NO	PART NO.	QTY.	DESCRIPTION
40	5401665A	1	WELD, REAR LIFT - RH - BLK
41	5401671A	1	WELD, DECK LIFT LEVER, LH - BLK
42	5401672A	1	WELD, DECK LIFT LEVER, RH - BLK
43	5403925A	2	PLATE, PIVOT BLOCK SUPPORT - BLK
44	5410315A	1	WELD, DECK HEIGHT LINK, IS700 - BLK
45	5025098	4	NUT, 1/2-20 HEX NYLON LOCK
46	5025089	4	NUT, 1/2-20 HEX JAM

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901225	5901505	5901394	5901538
5901214	5901385	5901215	
5901388	5901226	5901265	
5901387	5901242	5901308	
5901266	5901310	5901224	
5901386	5901264	5901243	

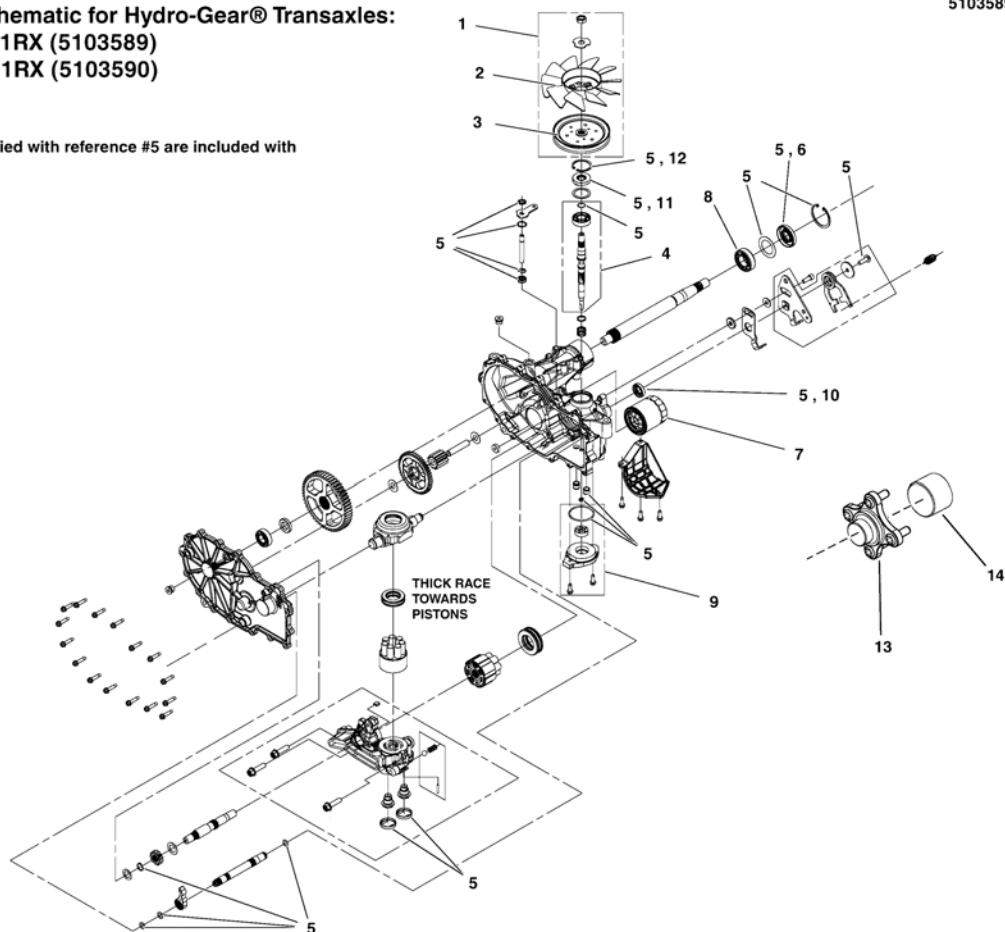
Transaxle SERVICE PARTS - ZT3400 (5103589_5103590)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

Service Parts Schematic for Hydro-Gear® Transaxles: ZS-KHEF-8T7C-11RX (5103589) ZS-GHEF-8T7B-11RX (5103590)

5103589SV

All components identified with reference #5 are included with
the seal kit.



The above parts group applies to the following Mfg. Nos.:

5901308	5901387	5901310	5901225
5901214	5901264	5901386	
5901388	5901243	5901394	
5901385	5901505	5901265	
5901242	5901215	5901266	
5901538	5901224	5901226	

Transaxle SERVICE PARTS - ZT3400 (5103589_5103590)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5103589X3	-	KIT, FAN & PULLEY - HG# 71907
2	5103589X5	-	FAN, 7.0 - HG# 52747
3	5103589X6	-	KIT, PULLEY 5.0 - HG# 53435
4	5103589X4	-	KIT, INPUT SHAFT (BEARING AND SHAFT ONLY) HG# 71978
5	5103589X2	-	KIT, SEAL - HG# 71976
6	5103589X1	-	KIT, SEAL, AXLE HG# 53699
7	5101026X1	-	FILTER, OIL, HG# 52114
8	5101026X5	-	BEARING, 6205M, HG# 53656
9	5101026X12	-	KIT, CHARGE PUMP, HG# 71977
10	5101026X2	-	SEAL, CONTROL ARM, 18X32X7, HG# 51140
11	5100161X3	-	OUTPUT SHAFT SEAL, 17X40X7 HG# 51161
12	5101026X4	-	RING, RET 2.06 INT, HG# 50329
13	5103589X8	-	ASSM, HUB HG# 71405
14	5103589X7	-	AXLE CAP, HG# 53088

Footnotes

(All part identified with ref # 5 are included in the Seal Kit.)

The above parts group applies to the following Mfg. Nos.:

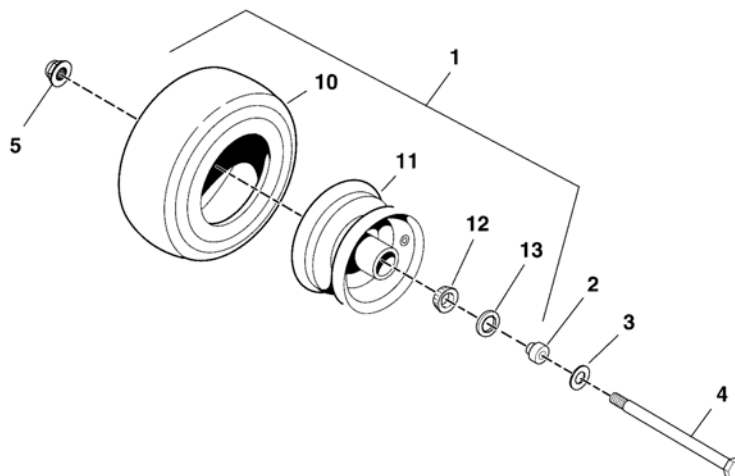
5901308	5901387	5901310	5901225
5901214	5901264	5901386	
5901388	5901243	5901394	
5901385	5901505	5901265	
5901242	5901215	5901266	
5901538	5901224	5901226	

Wheel & Tire Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

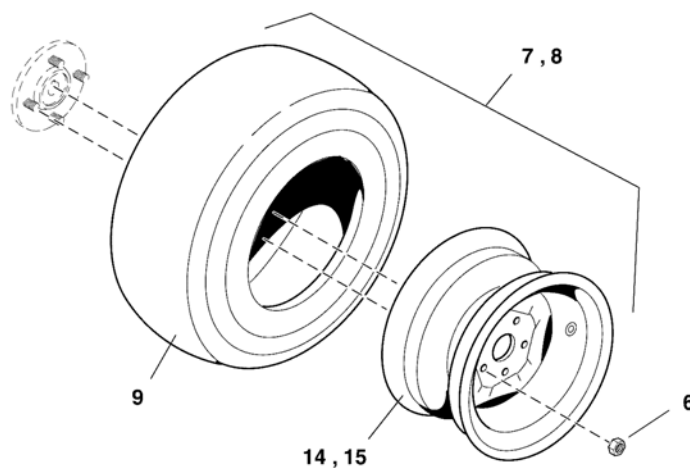
Front Wheels & Tires

5303212
5303174



Inflate to 25 PSI (1,72 bar)

Rear Wheels & Tires



Inflate to 15 PSI (1,03 bar)

The above parts group applies to the following Mfg. Nos.:

5901388	5901385	5901242	5901264
5901386	5901387	5901226	
5901243	5901308	5901265	
5901394	5901266	5901538	
5901215	5901310	5901224	
5901214	5901505	5901225	

Wheel & Tire Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5022631S	2	TIRE, CASTER, 13 X 5.00-6
2	5047103	4	ADAPTER, CASTER AXLE, CZ (SV)(Qty: 2 per tire)
3	5025158	2	WASHER, 1/2 SAE
4	5025017X64	2	BOLT, 1/2-13 X 8 GD5 YZ
5	5025396	2	NUT, 1/2-13 HEX NYLOCK FLANGE
6	5020601	8	NUT, 1/2-20, FOR WHEEL BOLT SILVER
7	5103689	2	TIRE/WHEEL ASM, 22X11-10,TM, .781 OFFSET (Models with 52" mower decks)
8	5103622	2	TIRE/WHEEL ASM, 22X11-10, TURF MASTER (Models with 61" mower decks)
9	5023369X2	2	TIRE, 22 X 11.00 - 10, 4 PLY (SV)
10	5022029X1	2	TIRE ONLY (SV)
11	5022631SX1	2	WHEEL ASSY, 13 X 5 X 6, SILVER (SV)
12	5022631SX2	4	BEARING, TAPERED CONE (SV)(Qty: 2 per tire)
13	5022631SX3	4	SEAL, GREASE (SV)(Qty: 2 per tire)
14	5103689X1	2	WHEEL, 10 X 7, .781 POS OFFSET, 4 ON 4 (Models with 52" mower decks)(SV)
15	5103622X1	2	WHEEL, 10 X 7 4/4, 0" OFFSET (Models with 61" mower decks)(SV)

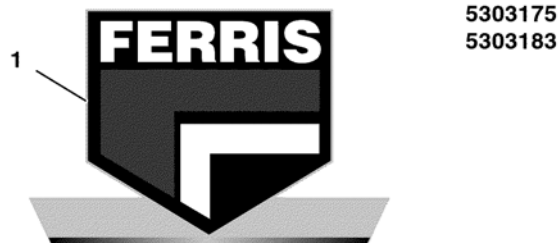
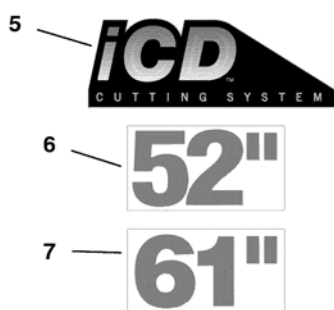
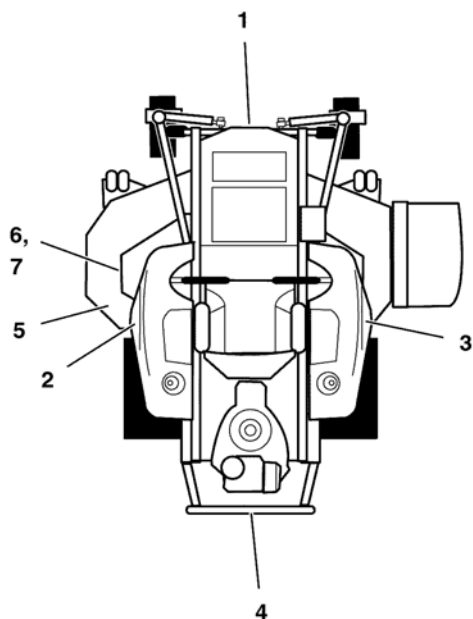
Footnotes

The above parts group applies to the following Mfg. Nos.:

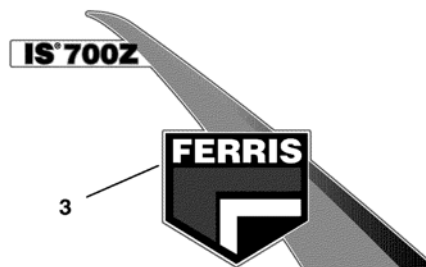
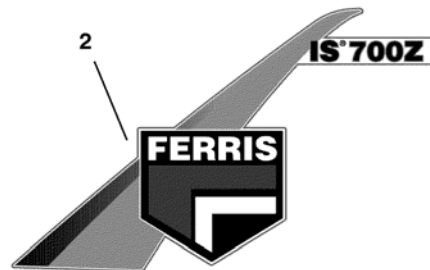
5901388	5901385	5901242	5901264
5901386	5901387	5901226	
5901243	5901308	5901265	
5901394	5901266	5901538	
5901215	5901310	5901224	
5901214	5901505	5901225	

Decal Group - Brand & Model S/N: 2017243270 & Below

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



5303175
5303183



The above parts group applies to the following Mfg. Nos.:

5901388	5901265	5901226
5901308	5901385	5901386
5901224	5901242	5901310
5901243	5901225	5901394
5901264	5901214	5901266
5901387	5901215	

Decal Group - Brand & Model S/N: 2017243270 & Below

REF NO	PART NO.	QTY.	DESCRIPTION
1	5100344	1	DECAL, FERRIS, FRONT, 8.78 X 5.81
2	5103782	1	DECAL, BADGE, LH IS700
3	5103783	1	DECAL, BADGE, RH IS700
4	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
5	5102210	1	DECAL, iCD CUTTING SYSTEM
6	5022812	1	DECAL, 52 (52" Models Only)
7	5022813	1	DECAL, 61 (61" Models Only)

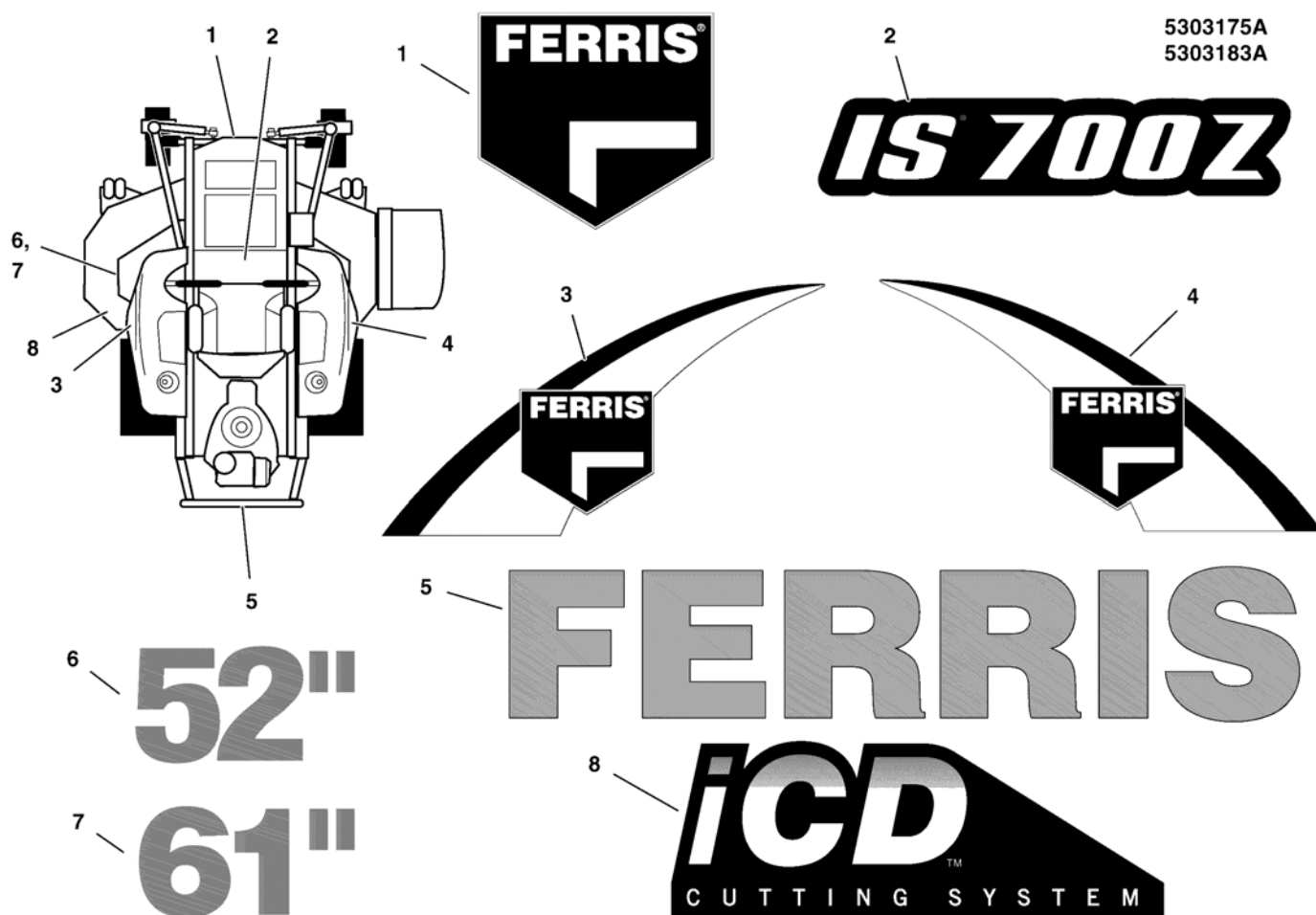
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901388	5901265	5901226
5901308	5901385	5901386
5901224	5901242	5901310
5901243	5901225	5901394
5901264	5901214	5901266
5901387	5901215	

Decal Group - Brand & Model S/N: 2017243271 & Above

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901266	5901225	5901214	5901505
5901386	5901264	5901243	
5901215	5901226	5901388	
5901224	5901265	5901242	
5901385	5901387	5901310	
5901308	5901538	5901394	

Decal Group - Brand & Model S/N: 2017243271 & Above

REF NO	PART NO.	QTY.	DESCRIPTION
1	5104755	1	DECAL, FERRIS LOGO, LARGE
2	5104761	1	DECAL, MODEL, IS700Z
3	5104753	1	DECAL, TANK, SML, LH, FERRIS
4	5104754	1	DECAL, TANK, SML, RH, FERRIS
5	5103799	1	DECAL, FERRIS, 2.23" X 11.39"
6	5022812	1	DECAL, 52 (Models with 52" Mower Decks Only)
7	5022813	1	DECAL, 61 (Models with 61" Mower Decks Only)
8	5102210	1	DECAL, iCD CUTTING SYSTEM

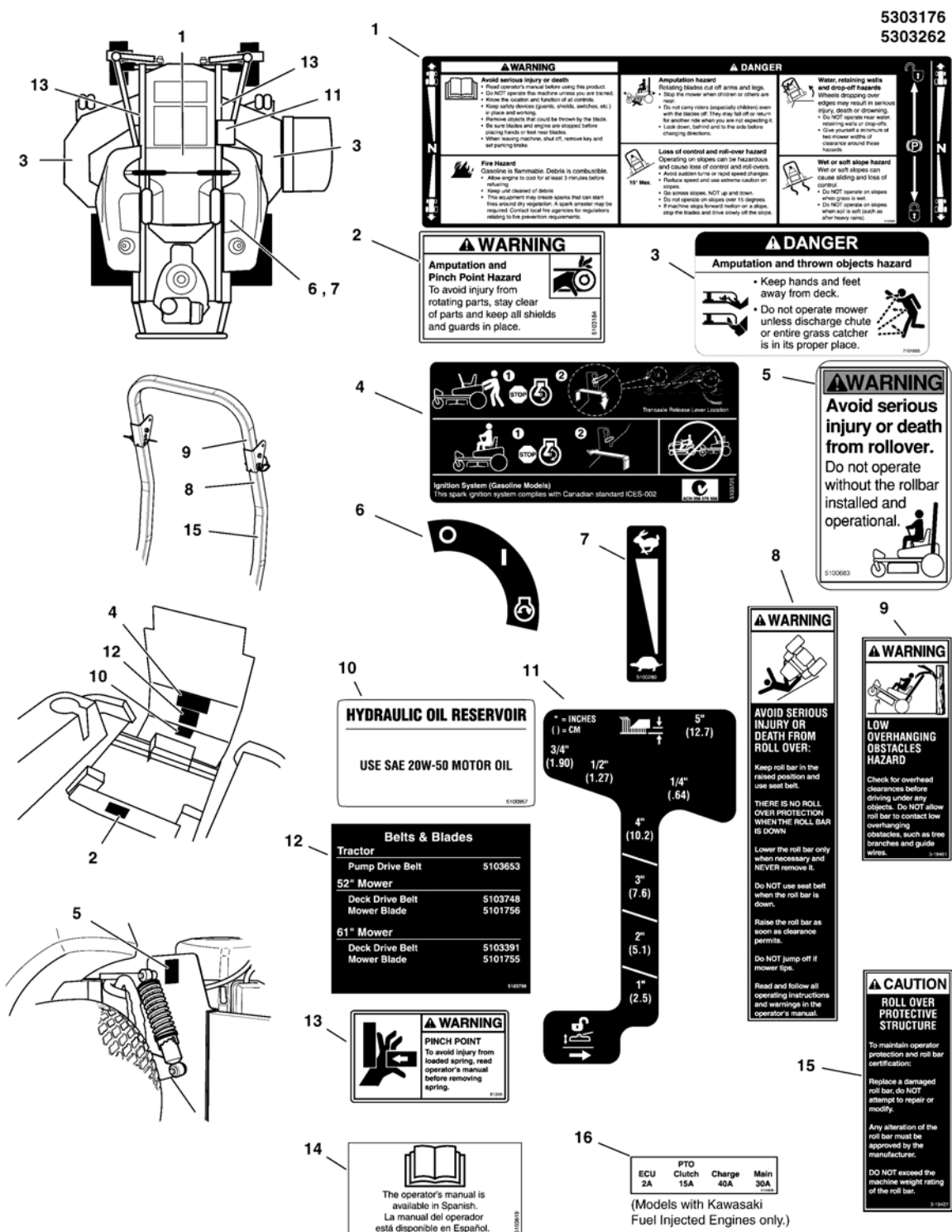
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901266	5901225	5901214	5901505
5901386	5901264	5901243	
5901215	5901226	5901388	
5901224	5901265	5901242	
5901385	5901387	5901310	
5901308	5901538	5901394	

Decal Group - Safety & Operation USA Models

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

5901224	5901388	5901225
5901387	5901308	5901214
5901538	5901505	5901264
5901385	5901226	
5901394	5901215	
5901265	5901386	

Decal Group - Safety & Operation USA Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	5103595	1	DECAL, MAIN SAFETY
2	5103184	1	DECAL, WARNING, HAND IN BELT, ENG ONLY
3	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
4	5103725	1	DECAL, TRANSAXLE RELEASE, 600/700
5	5100683	2	DECAL, WARNING, ROLL BAR
6	5048970	1	DECAL, IGNITION SWITCH
7	5100280	1	DECAL, THROTTLE CONTROL
8	5104082	1	DECAL, WARNING, FOLDING ROLL BAR (SV)
9	5100405	1	DECAL, WARNING OVERHANG, ROPS (SV)
10	5100957	1	DECAL, HYDRAULIC OIL, SAE 20W50
11	5103720	1	DECAL, CUT HEIGHT, IS700/ZTS700
12	5103756	1	DECAL, BELT & BLADE, IS700Z/ZTS700
13	5061245	2	DECAL, PINCH POINT (Qty: 1 for models with 52" mower deck)
14	5103619	1	DECAL, MANUAL AVAIL IN SPANISH
15	5104083	1	DECAL, CAUTION, FOLDING ROLL BAR (SV)
16	5104809	1	DECAL, FUSE LOCATION, KAWI EFI (Kawi EFI Models Only S/N: 2017612394 & Below)

Footnotes**The above parts group applies to the following Mfg. Nos.:**

5901224	5901388	5901225
5901387	5901308	5901214
5901538	5901505	5901264
5901385	5901226	
5901394	5901215	
5901265	5901386	

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

5901242
5901266
5901310
5901243

Decal Group - Safety & Operation Export Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	5102627	1	DECAL, MAIN SAFETY, ANSI CE
2	5061042	1	DECAL, CE DANGER
3	7106109	2	DECAL, DISCHARGE SAFETY, EXPORT (Was 5102420 & 5102457)
4	5103725	1	DECAL, TRANSAXLE RELEASE, 600/700
5	5100685	2	DECAL, WARNING, ROLL BAR, CE
6	5048970	1	DECAL, IGNITION SWITCH
7	5100280	1	DECAL, THROTTLE CONTROL
8	5100536	1	DECAL, SAFETY, CE ROPS (SV)
9	5100537	1	DECAL, SAFETY, CE ROPS, OBS (SV)
10	5100957	1	DECAL, HYDRAULIC OIL, SAE 20W50
11	5103720	1	DECAL, CUT HEIGHT, IS700/ZTS700
12	5103756	1	DECAL, BELT & BLADE, IS700Z/ZTS700
13	5061246	1	DECAL, PINCH POINT, CE
14	5102456	1	DECAL, FIRE ANSI EXPORT
15	5102628	1	DECAL, PARKING BRAKE SYMBOLS

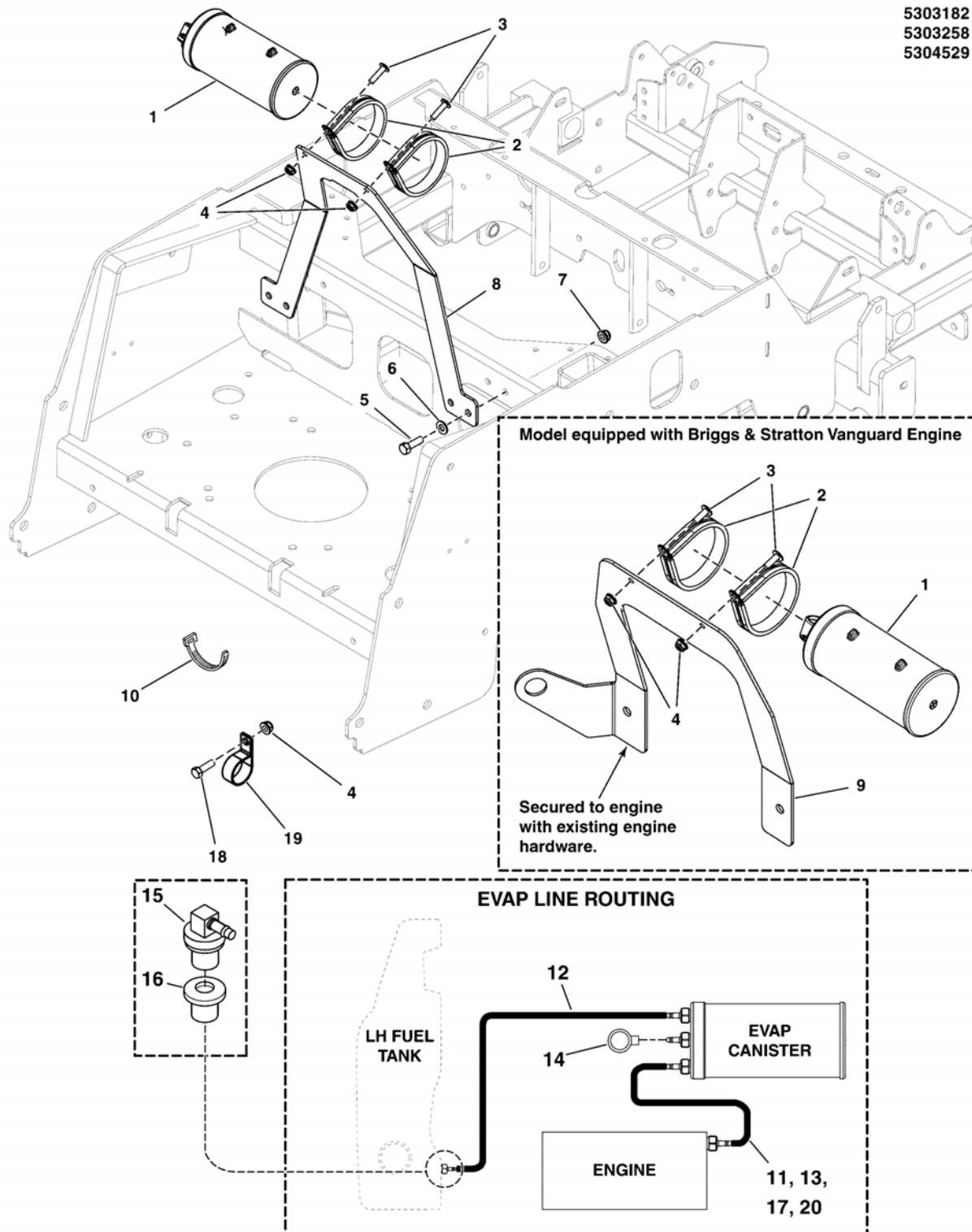
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901242
5901266
5901310
5901243

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

5303182
5303258
5304529



The above parts group applies to the following Mfg. Nos.:

5901386	5901225	5901385
5901310	5901308	5901243
5901394	5901538	5901265
5901215	5901387	5901266
5901388	5901224	5901214
5901226	5901264	5901242

Evap Canister Group - CAL Models (S/N: All); Other Models (S/N : 2016816349 & Below)

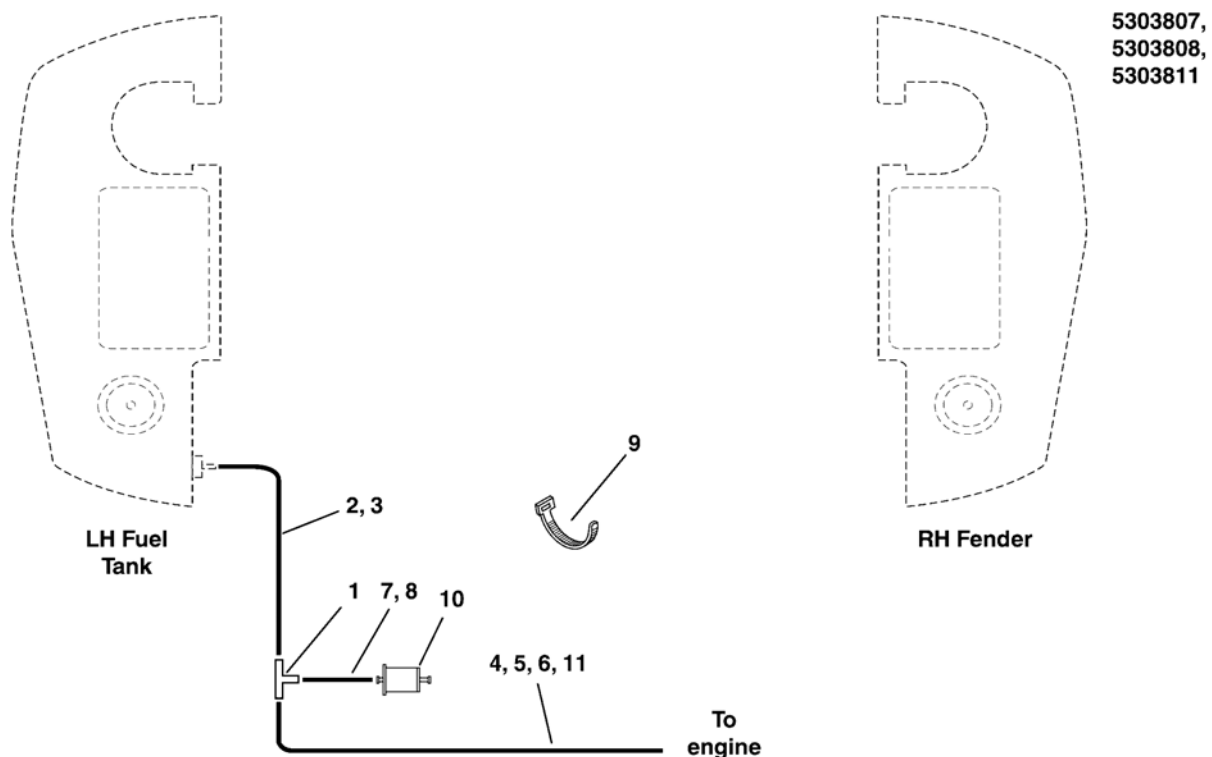
REF NO	PART NO.	QTY.	DESCRIPTION
1	313036	1	CNSTR, CARB, 6 GAL
2	5103055	2	CLAMP, 3" ID, CUSHIONED, STAINLESS
3	5025299X6	2	SCREW, 1/4-20 X 3/4, ALLEN BH, CZ
4	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
5	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ (Kawasaki and B&S Commercial Turf Engines)
6	5025155	4	WASHER, 5/16 SAE (Kawasaki and B&S Commercial Turf Engines)
7	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5411996A	1	PLATE, MOUNT, CANISTER, IS700 - BLK (Kawasaki and B&S Commercial Turf Engines)
9	5410541A	1	PLATE, CANISTER MOUNT, IS700 VAN - BLK (B&S Vanguard Engines)
10	5021029	2	TIE, SELF-LOCKING, 12"
11	7700552X38	1	HOSE, VAPOR, 5MM ID, 38.00 LG (B&S Commercial Turf Engines - S/N: All; B&S Vanguard Engines - S/N: 2016816350 & Above)
12	7700552X18	1	HOSE, VAPOR, 5MM ID, 18.00 LG
13	7700552X20	1	HOSE, VAPOR, 5MM ID, 20.00 LG (B&S Vanguard Engines - S/N: 2016816349 & Below)
14	1752800	1	DUST FILTER, CANISTER (SV)
15	7104638	1	ASSEMBLY, REMOTE VENT - NO VALVE (SV)
16	209043	1	GROMMET (SV)
17	7700552X27	1	HOSE, VAPOR, 5MM ID, 27.00 LG (Kawasaki Carbureted Engines Only)
18	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 CZ
19	5021500	2	CLAMP, VINYL INSULATED
20	7700552X53	1	HOSE, VAPOR, 5MM ID, 53.00 LG (Kawasaki Fuel Injected Engines Only)

Footnotes**The above parts group applies to the following Mfg. Nos.:**

5901386	5901225	5901385
5901310	5901308	5901243
5901394	5901538	5901265
5901215	5901387	5901266
5901388	5901224	5901214
5901226	5901264	5901242

EVAP Group - S/N : 2016816350 & Above

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901264	5901266	5901215
5901505	5901226	
5901224	5901265	
5901308	5901310	
5901225	5901243	
5901242	5901214	

EVAP Group - S/N : 2016816350 & Above

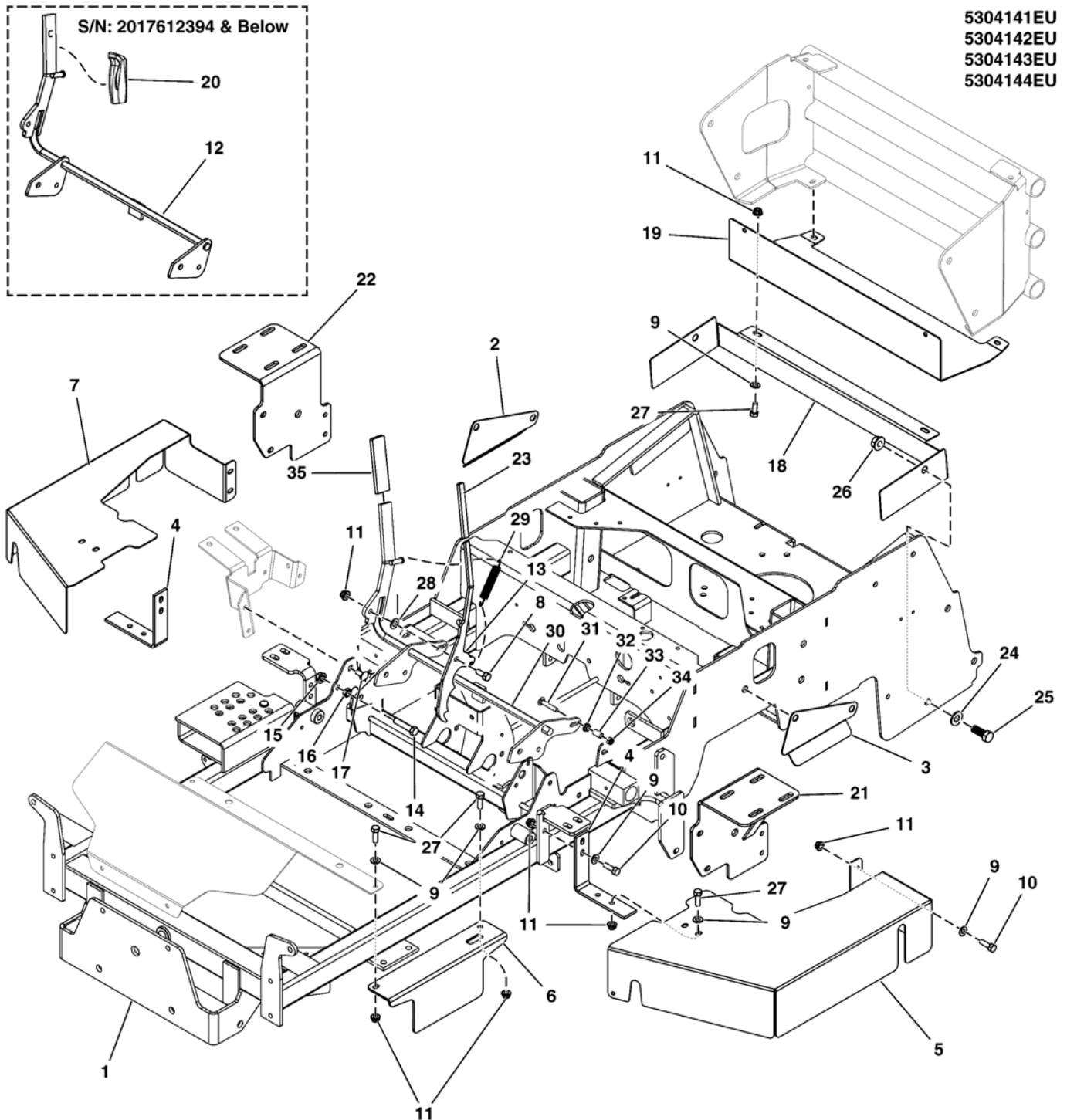
REF NO	PART NO.	QTY.	DESCRIPTION
1	5103062	1	FITTING, 3/16" TEE, BARB TYPE, HDPE
2	7700552X29	1	HOSE, VAPOR, 5MM ID, 29.00 LG (Models equipped with B&S Commercial Turf Engines Only)
3	7700552X18	1	HOSE, VAPOR, 5MM ID, 18.00 LG (Models equipped with Kawasaki Engines Only)
4	7700552X12	1	HOSE, VAPOR, 5MM ID, 12.00 LG (Models equipped with B&S Commercial Turf Engines Only)
5	7700552X16	3	HOSE, VAPOR, 5MM ID, 16.00 LG (Models equipped with Vanguard Engines Only)
6	7700552X20P5	1	HOSE, VAPOR, 5MM ID, 20.50 LG (Models equipped with Kawasaki Carbureted Engines Only)
7	7700552X2	1	HOSE, VAPOR, 5MM ID, 2.00 LG (Models equipped with B&S Commercial Turf Engines Only)
8	7700552X16	1	HOSE, VAPOR, 5MM ID, 16.00 LG (Models equipped with Kawasaki Engines Only)
9	5021030	3	TIE, SELF-LOCKING, 6" (Qty: 4 on models equipped with Kawasaki Engines)
10	794079	1	FILTER, FUEL
11	7700552X21	1	HOSE, VAPOR, 5MM ID, 21.00 LG (Models equipped with Kawasaki Fuel Injected Engines Only)

Footnotes**The above parts group applies to the following Mfg. Nos.:**

5901264	5901266	5901215
5901505	5901226	
5901224	5901265	
5901308	5901310	
5901225	5901243	
5901242	5901214	

CE Guarding Group - Frame, Parking Brake & Engine Compartment

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:
5901310

CE Guarding Group - Frame, Parking Brake & Engine Compartment

REF NO	PART NO.	QTY.	DESCRIPTION
1	5413491B	1	WELD, MAIN FRAME, IS700Z EU - RED
2	5413446B	1	PLATE,FAN GUARD, FRAME MOUNT - RH - RED
3	5413447B	1	PLATE,FAN GUARD, FRAME MOUNT - LH - RED
4	5413439B	2	BRACKET, DECK SHIELD MOUNT - RED
5	5413440B	1	PLATE, DECK SHIELD, FRAME - LH - RED
6	5413441B	1	PLATE, DECK SHIELD,FRAME - LH FRNT - RED
7	5413443B	1	PLATE, DECK SHIELD, FRAME - RH - RED
8	1960086	1	SCREW, TRUSS HD TORX DR5/16-18X0.875 BLK
9	5025155	18	WASHER, 5/16 SAE
10	5025011X8	8	BOLT, 5/16-18 X 1 GD5 CZ
11	5025392	19	NUT, 5/16-18 HEX NYLOCK FLANGE
12	5413757A	1	WELD, BRAKE SHAFT, EU - BLK (S/N: 2017612394 & Below)
13	5413737A	1	LEVER, BRAKE, 2500, EU - BLK
14	5025013X14	1	BOLT, 3/8-16 X 1-3/4 GD5 CZ
15	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
16	5025084	1	NUT, 3/8-16 HEX JAM
17	80004072	2	RHSSNB,5/16-18 X 3/4 GR5 ZINC/CLEAR
18	5413448A	1	PLATE, PULLEY GUARD, FRAME MOUNT - BLK
19	5413494A	1	PLATE, HEAT SHIELD, IS700 EU - BLK
20	5100171	1	GRIP, BLACK FLEXIBLE (S/N: 2017612394 & Below)
21	5413765A	1	WELD, TANK MOUNT, LH EU - BLK
22	5413766A	1	WELD, TANK MOUNT, RH EU - BLK
23	5023198	1	COVER, VINYL HANDLE
24	5025158	2	WASHER, 1/2 SAE
25	5025017X10	2	BOLT, 1/2-13 X 1-1/4 GD5 CZ
26	5025396	2	NUT, 1/2-13 HEX NYLOCK FLANGE
27	5025011X6	10	BOLT, 5/16-18 X 3/4 GD5 CZ
28	5023202	1	WASHER,WAVE,M10
29	5020639	1	SPRING-EXT, .500 OD X 3.50 LG X .058 WR
30	5416049A	1	WELD, BRAKE SHAFT, CE - BLK (S/N: 2017612395 & Above)
31	80003564	2	BOLT, 1/4-20 X 1.500, GR5, SQ, ZINC/CLEA (S/N: 2017612395 & Above)
32	5025095	2	NUT, 1/4-20 HEX NYLON LOCK (S/N: 2017612395 & Above)
33	5041483	2	SPACER, .25 X .38 X .63, CZ (S/N: 2017612395 & Above)
34	5025126	2	NUT, 1/4-20 HEX SERR, FLANGE (S/N: 2017612395 & Above)
35	5025510	1	GRIP, FOAM, 1/4 X 1 X 4.1 (S/N: 2017612395 & Above)

Footnotes

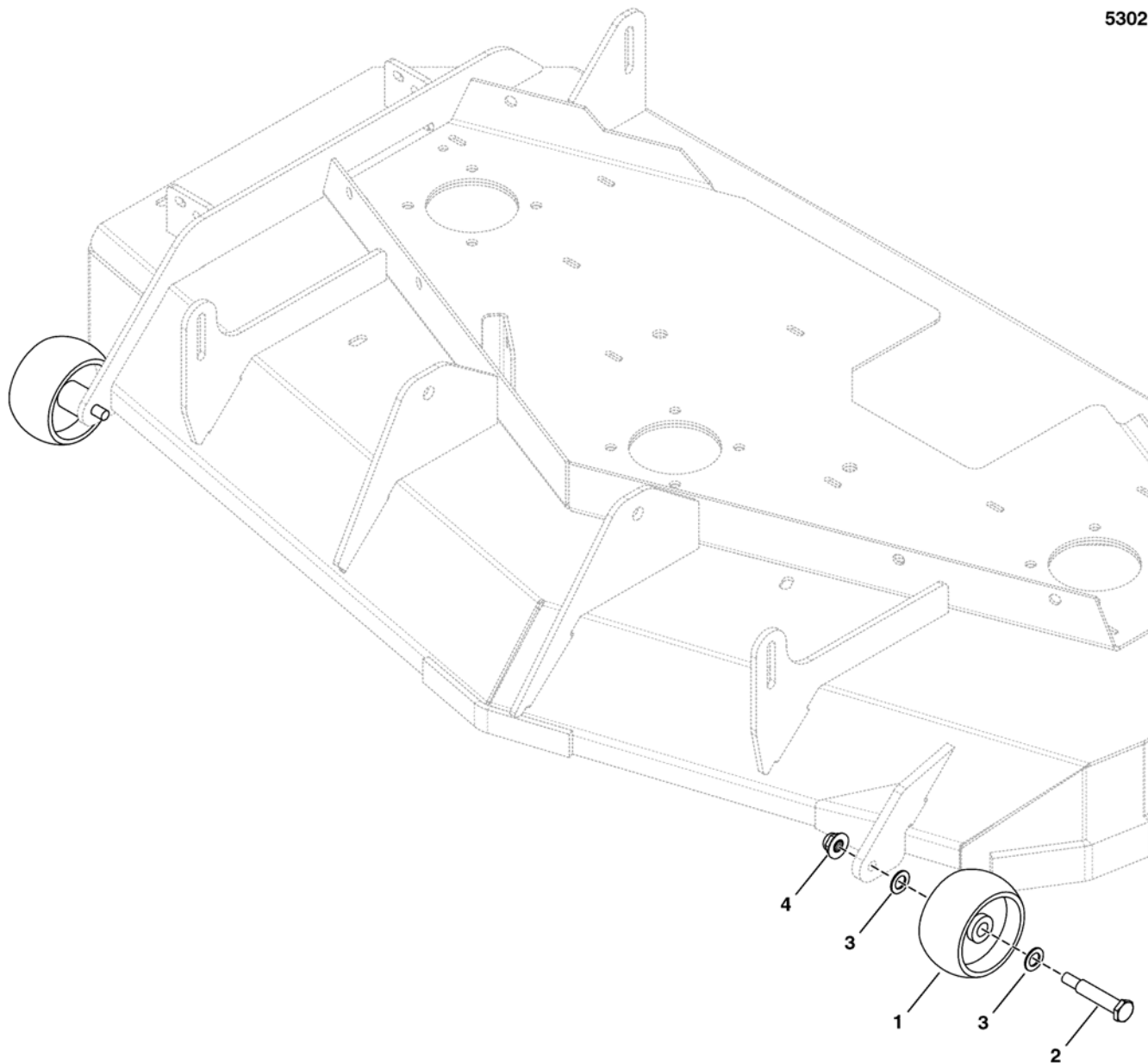
The above parts group applies to the following Mfg. Nos.:

5901310

52" Mower Deck - Rollers

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5302697



The above parts group applies to the following Mfg. Nos.:

5901214	5901224
5901242	5901243
5901266	5901385
5901310	
5901265	
5901386	

52" Mower Deck - Rollers

REF NO	PART NO.	QTY.	DESCRIPTION
1	1714760	2	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY
2	2108765	2	BOLT-WHEEL 3/8-16X2.781 .750 THRD
3	1960027	4	WASHER-0500(0.51IDX0.87ODX.06THK) BLK
4	5025100	2	NUT, 3/8-16 HEX SIDE LOCK

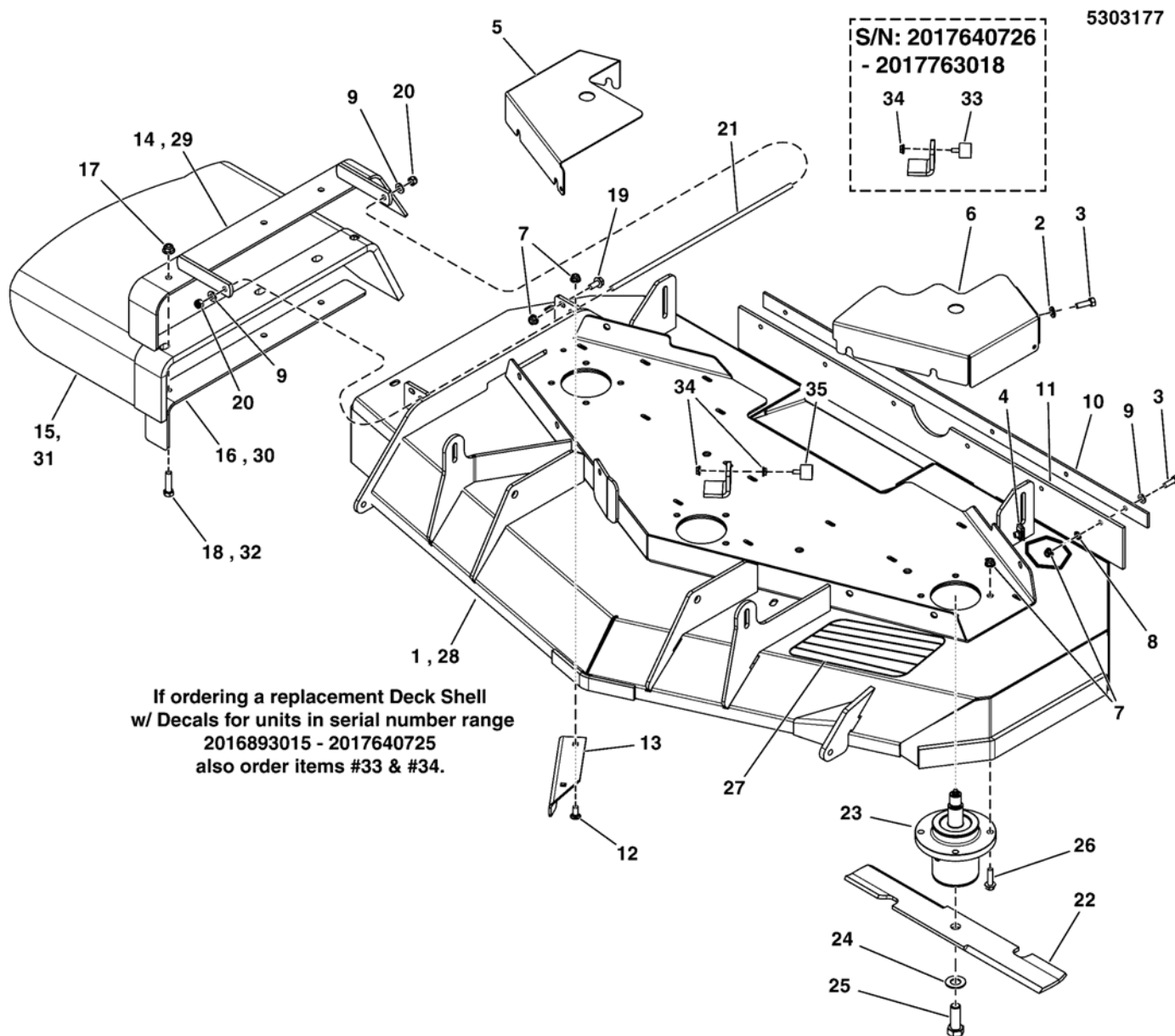
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901214 5901224
5901242 5901243
5901266 5901385
5901310
5901265
5901386

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

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901214	5901224
5901242	5901266
5901386	
5901243	
5901265	
5901385	

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

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600652	1	DECK SHELL W/ DECALS, 52, IS700Z (SV) (5410273B)(S/N: 2016893014 & Below)
1	5600810	1	DECK SHELL W/DECALS, 700-52, DOM (SV) (5413038B)(S/N: 2016893015 & Above)
2	5025155	6	WASHER, 5/16 SAE
3	5025011X8	6	BOLT, 5/16-18 X 1 GD5 YZ (Qty: 12 - S/N: 2017612049 & Below)
4	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
5	5415634B	1	GUARD, RH 52", 560/700/125
6	5410492B	1	GUARD, 52 DECK, IS700, LH - RED
7	5025392	15	NUT, 5/16-18 HEX NYLOCK FLANGE (Qty: 21 - S/N: 2017612049 & Below)
8	5025498	6	5/16 PUSH-ON NUT RETAINER, STL, CZ (S/N: 2017612049 & Below)
9	5025155	2	WASHER, 5/16 SAE (Qty: 8 - S/N: 2017612049 & Below)
10	5405238A	1	PLATE, SUPPORT - BLK (S/N: 2017612049 & Below)
11	5102015	1	FLAP, STRIPER, 52 DECK (S/N: 2017612049 & Below)
12	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
13	5405557A	1	PLATE, DEFLECTOR, 52 DECK - BLK
14	5410498A	1	WELD, FRAME, CHUTE, 52 - BLK (S/N: 2017100600 & Below)
15	5410575	1	CHUTE,DISCHARGE,RUBBER 29.00-4 HOLE,BENT (S/N: 2017100600 & Below)
16	5410404A	1	SUPPORT, DISCHARGE CHUTE, 52 - BLK (S/N: 2017100600 & Below)
17	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
18	5025013X12	3	BOLT, 3/8-16 X 1-1/2 GD5 YZ (S/N: 2017100600 & Below)
19	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5 YZ
20	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
21	5061300	1	ROD, MOUNT, CHUTE 61, CZ
22	5101756S	3	BLADE, 18 X .25 X 2.5, 1 X 3.5 (SET OF 3)
23	5061095	3	ASSM, SPINDLE, LOW PROFILE (Nut and Washer Sold Separately)
24	5025477	3	WASHER, 5/8 GRADE 8, YZ
25	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
26	5023156	12	BOLT, 5/16-18 X 1 1/4 FLANGE
27	5101004	1	SAFETY WALK, 4.00 X 7.50
28	5600675	1	DECK SHELL W/DECALS, 52, IS700Z, ANSI-EXP (SV) (5410273B)(S/N: 2016893014 & Below)
28	5600811	1	DECK SHELL W/DECALS, 700-52, ANSI-EXP (SV) (5413038B)(S/N: 2016893015 & Above)
29	5413400A	1	WELD, MOUNT, DISCHARGE CHUTE - BLK (S/N: 2017100601 & Above)
30	5413398A	1	SUPPORT, DISCHARGE CHUTE - BLK (S/N: 2017100601 & Above)
31	5413500	1	CHUTE, RUBBER DISCHARGE (5104442) (S/N: 2017100601 & Above)
32	5025146X12	3	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ (S/N: 2017100601 & Above)
33	5022673	1	BUMPER, RUBBER 1/4-20 (S/N: 2017640726 - 2017763018)
34	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE (Qty: 1 - S/N: 2017640726 - 2017763018)
35	5105237	1	BUMPER, RUBBER, 1/4-20 X 7/8" STUD (S/N: 2017763019 & Above)

Footnotes

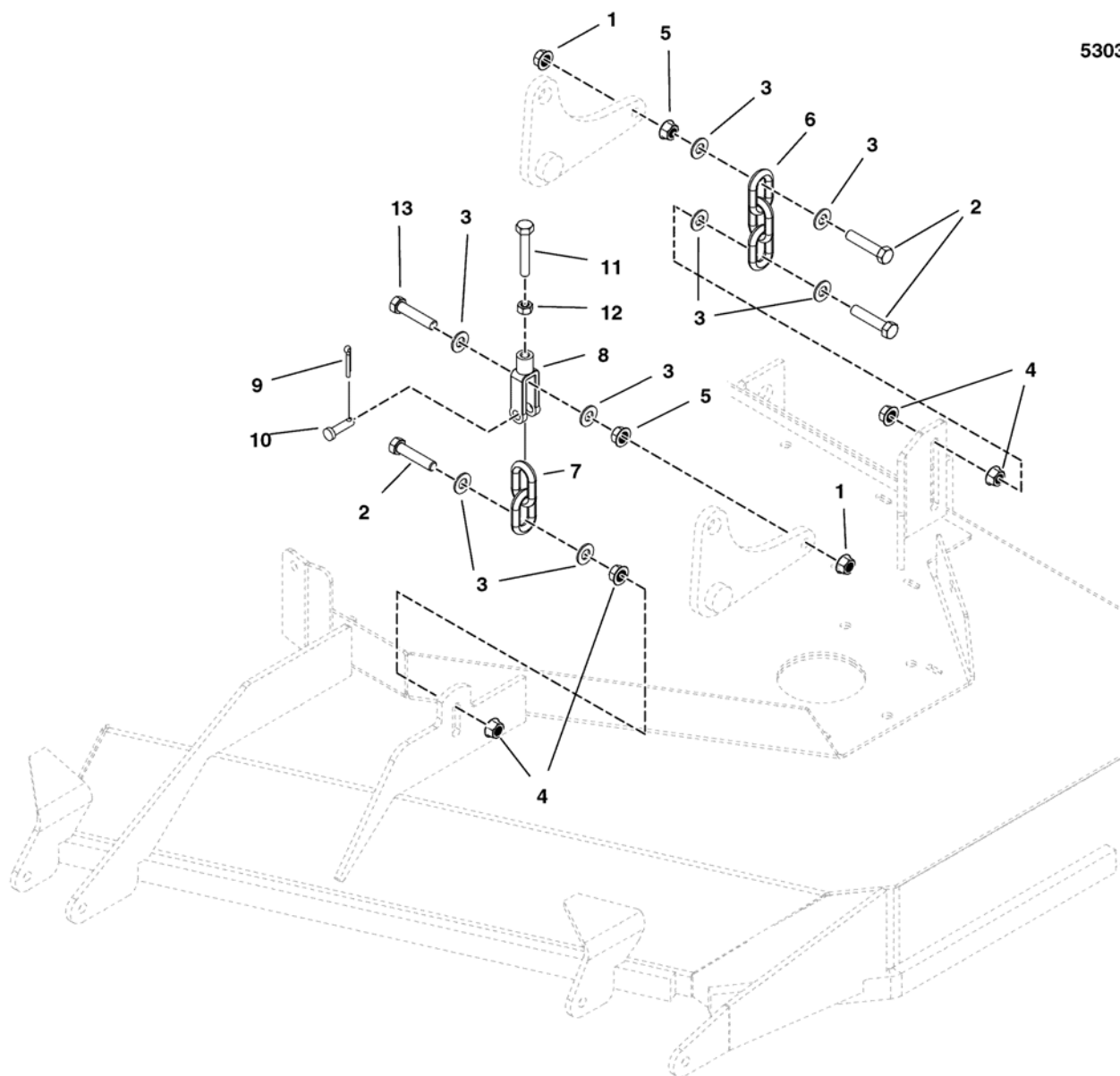
The above parts group applies to the following Mfg. Nos.:

5901214 5901224
5901242 5901266
5901386
5901243
5901265
5901385

52" & 61" Mower Deck - Hanger Chains

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303178



The above parts group applies to the following Mfg. Nos.:

5901308	5901243	5901394	5901310
5901215	5901214	5901225	
5901266	5901388	5901386	
5901385	5901226	5901242	
5901387	5901224	5901505	
5901538	5901265	5901264	

52" & 61" Mower Deck - Hanger Chains

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
3	5025156	16	WASHER, 3/8 SAE
4	5025128	8	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	CHAIN, 5/16 GD30, 2 LINKS
8	5100375	2	CLEVIS, 5/16-18, 3/8 PIN HOLE, CLR ZINC
9	5025201X6	2	PIN, COTTER, 3/32 X 3/4
10	5025214X9	2	PIN, CLEVIS, 3/8 X 1-1/8, CZ
11	5025055X16	2	BOLT, 5/16-18 X 2 GD5 TFL
12	5025032	2	NUT, 5/16-18 HEX
13	5025013X16	2	BOLT, 3/8-16 X 2 GD5 YZ

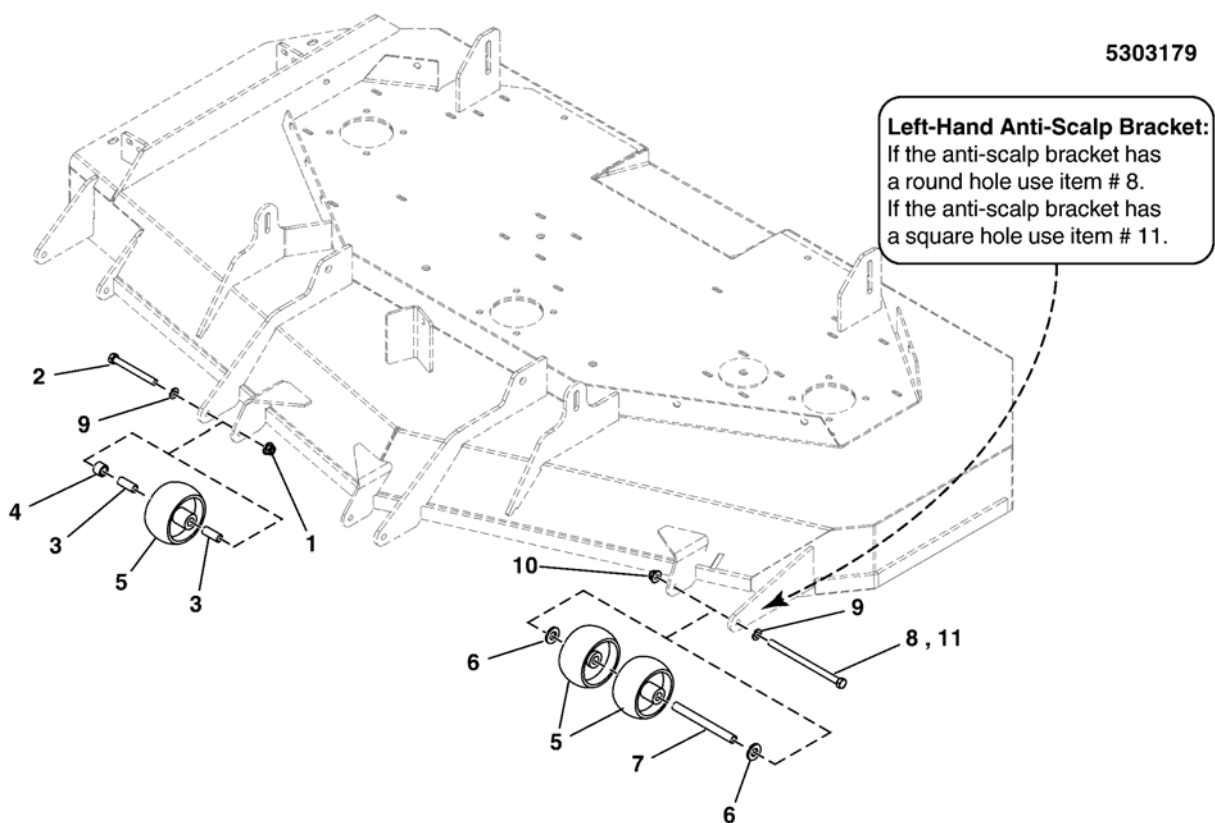
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901308	5901243	5901394	5901310
5901215	5901214	5901225	
5901266	5901388	5901386	
5901385	5901226	5901242	
5901387	5901224	5901505	
5901538	5901265	5901264	

61" Mower Deck - Rollers

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901387	5901388
5901226	5901538
5901225	5901394
5901308	5901505
5901264	
5901215	

61" Mower Deck - Rollers

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
2	5025013X28	2	BOLT, 3/8-16 X 3-1/2 GD5 CZ
3	5041931	4	SPACER, .38 X .50 X 1.25
4	5047027	2	SPACER, .51 X .75 X .56, CZ
5	1714760	6	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY
6	5025440	4	WASHER, 1/2 GD9 YZ
7	5046586	2	SPACER, .38 X .50 X 5.06
8	5025013X48	2	BOLT, 3/8-16 X 6 GD5 YZ (For Anti-Scalp brackets with round holes.)
9	5025156	4	WASHER, 3/8 SAE
10	5025100	2	NUT, 3/8-16 HEX SIDE LOCK
11	5025146X48	1	BOLT, CARRIAGE, 3/8-16 X 6, GD5, CZ (For Anti-Scalp brackets with square holes.)

Footnotes

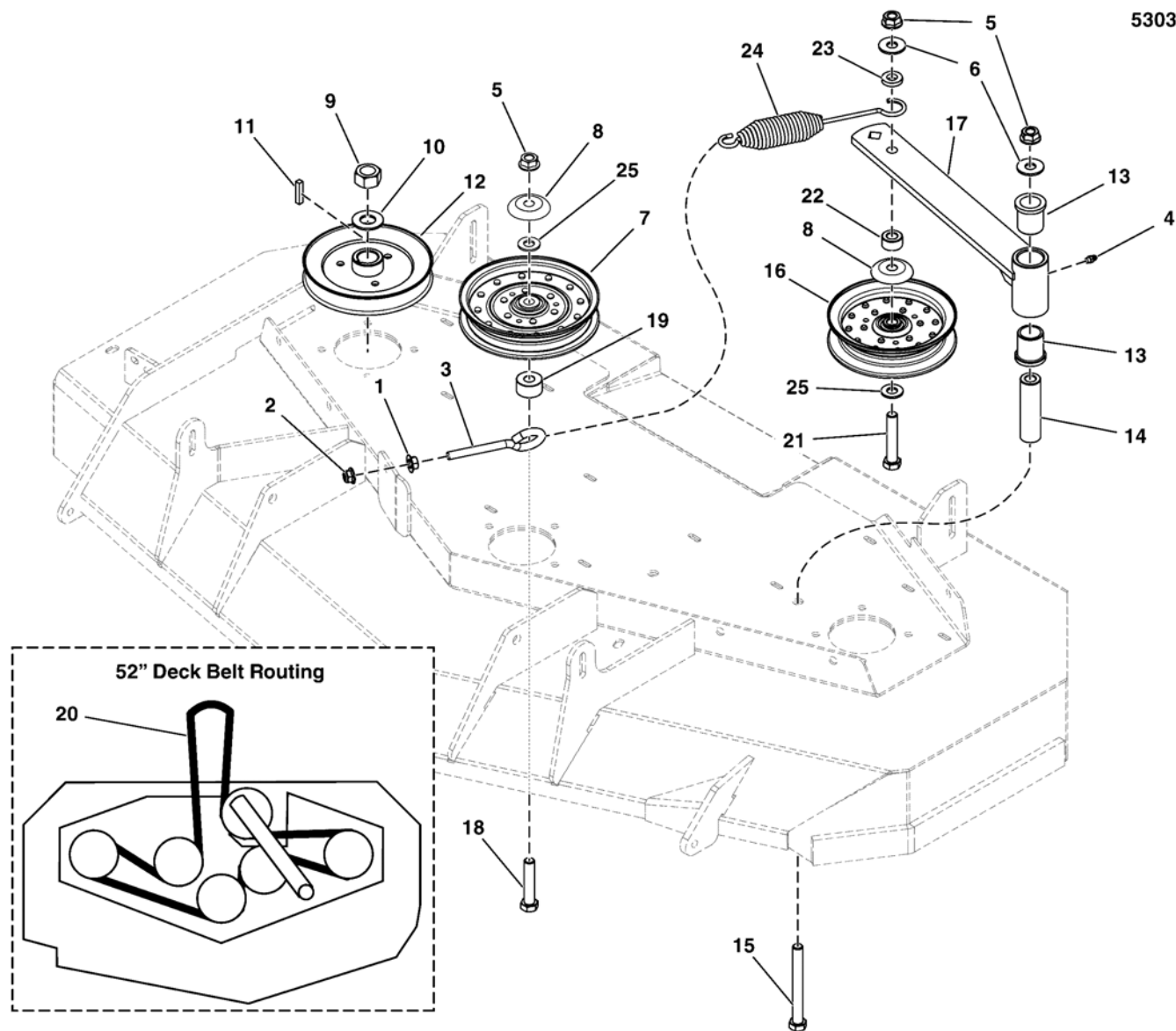
The above parts group applies to the following Mfg. Nos.:

5901387	5901388
5901226	5901538
5901225	5901394
5901308	5901505
5901264	
5901215	

52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893014 & Below)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303181



The above parts group applies to the following Mfg. Nos.:

5901243 5901242
5901266
5901214
5901310
5901265
5901224

52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893014 & Below)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
2	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
3	5021812	1	EYE BOLT, 3/8-16 X 6, 3.0 THREAD
4	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
5	5025396	4	NUT, 1/2-13 HEX NYLOCK FLANGE
6	5025150	2	WASHER, 1/2 USS
7	5103800	2	*PULLEY, FLAT IDLER, 6-3/4" *If not present, order 5025158 - washer and 5101103 - shield.
8	5101103	3	SHIELD, PULLEY BEARING
9	5025405	3	NUT, 3/4-16 HEX
10	5025406	3	WASHER, 3/4 BELLEVILLE
11	5050407X10	3	KEY, 1/4 SQ X 1-1/4
12	5101351	3	PULLEY, 5.926 OVER BALL
13	5021541	2	BUSHING, FLANGE
14	5045022	1	SPACER, .52 X 1.00 X 3.50
15	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5 YZ
16	5102678	1	PULLEY, DEEP V-IDLER, 6.25"OD X 1/2"ID
17	5410569A	1	WELD, IDLER ARM - 52" - BLK
18	5025017X20	2	BOLT, 1/2-13 X 2-1/2 GD5 YZ
19	5047142	2	SPACER, .52 X 1.25 X .70, CZ
20	5103927	1	BELT, 5V SEC, 162.4" EL, ARAMID, WRPD, RC
21	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 YZ
22	5101162	1	SPACER, .52 X 1.00 X .56, CZ
23	5100520	1	SPACER, .52 X 1.00 X .22, CZ
24	5100632	1	SPRING, EXTENSION, SWIVEL. LONG HOOK (coil-to-coil measurement: 6-5/8" at middle cut height position)
25	5025158	4	WASHER, 1/2 SAE

Footnotes

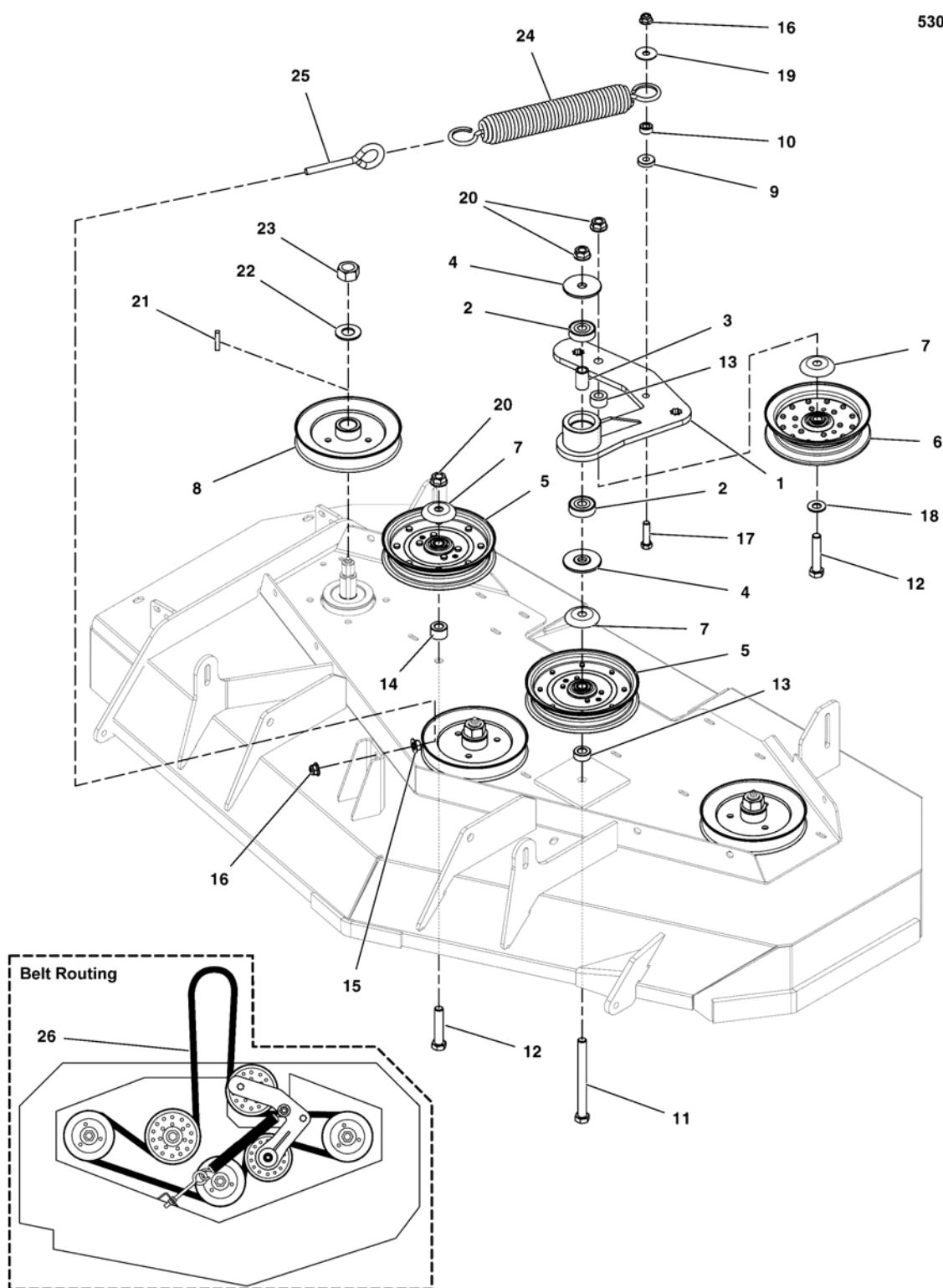
The above parts group applies to the following Mfg. Nos.:

5901243 5901242
5901266
5901214
5901310
5901265
5901224

52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893015 - 2017612394)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303181A



The above parts group applies to the following Mfg. Nos.:

5901224	5901265
5901243	5901266
5901242	5901386
5901310	
5901385	
5901214	

52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893015 - 2017612394)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5412572A	1	WELD, IDLER ARM - BLK
2	5104383	2	BEARING, 6203-1/2", SEALED
3	5104456	1	SPACER, .51 X .75 X 1.22, PM CZ
4	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
5	5103800	2	PULLEY, FLAT IDLER, 6-3/4"
6	5102678	1	PULLEY, DEEP V-IDLER, 6.25"OD X 1/2"ID
7	5101103	3	SHIELD, PULLEY BEARING, CZ
8	5101351	3	PULLEY, 5.926 OVER BALL
9	5044960	1	SPACER, .39 X 1.00 X .25
10	5044933	1	SPACER, .39 X .75 X .38
11	5025017X44	1	BOLT, 1/2-13 X 5-1/2 GD5 CZ
12	5025017X20	2	BOLT, 1/2-13 X 2-1/2 GD5 CZ
13	5101162	2	SPACER, .52 X 1.00 X .56, CZ
14	5047142	1	SPACER, .52 X 1.25 X .70, CZ
15	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
16	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5025013X12	1	BOLT, 3/8-16 X 1-1/2 GD5 CZ
18	5025158	1	WASHER, 1/2 SAE
19	5025165	1	WASHER-3/8 FENDER
20	5025396	3	NUT, 1/2-13 HEX NYLOCK FLANGE
21	5050407X10	3	KEY, 1/4 SQ X 1-1/4
22	5025406	3	WASHER, 3/4 BELLEVILLE
23	5025405	3	NUT, 3/4-16 HEX
24	5104166	1	SPRING, EXT, 1.50DX12.25X.234WIRE BLK
25	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
26	5103927	1	BELT, 5V, 162.40"EL, ARAMID WRPD, RC

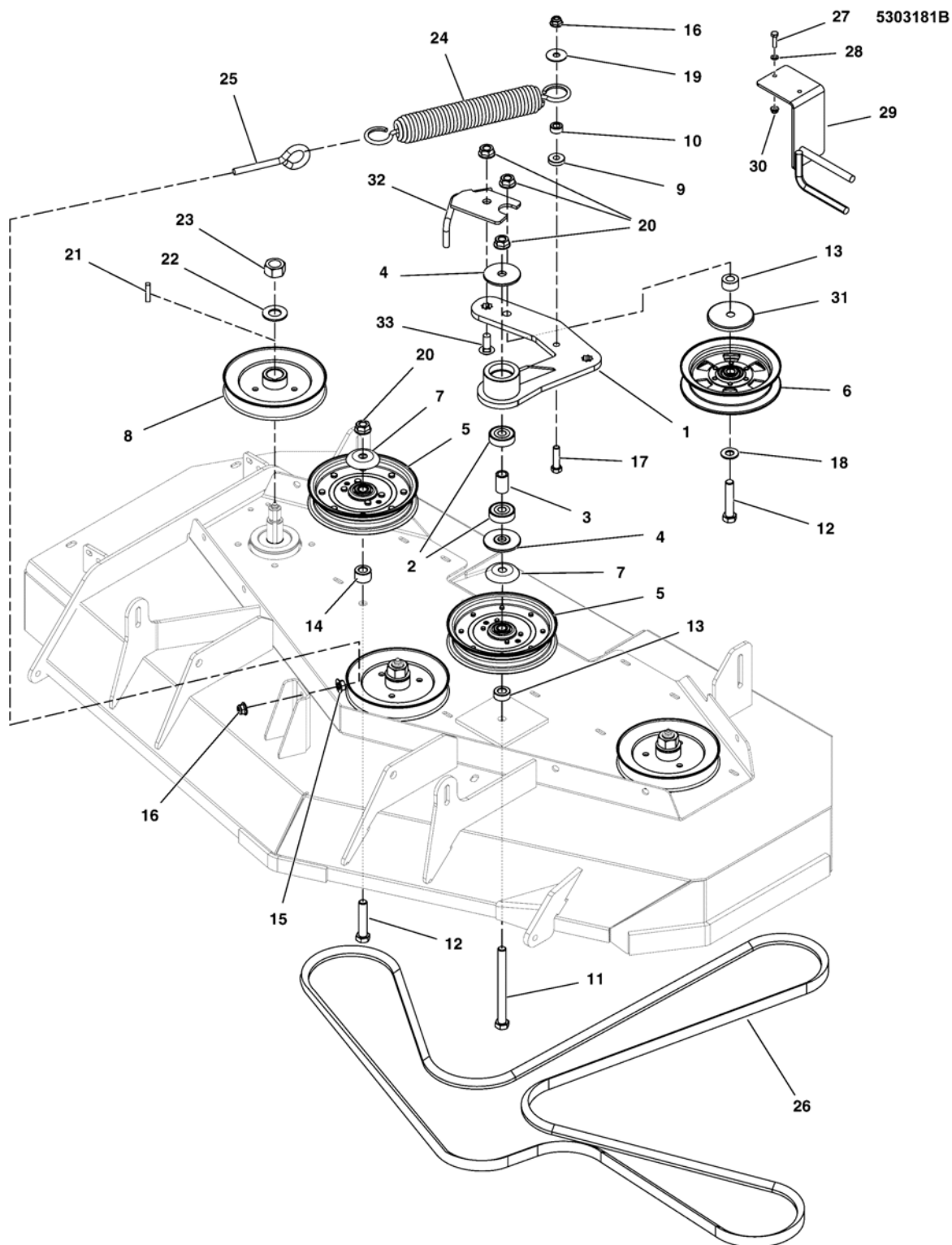
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901224 5901265
5901243 5901266
5901242 5901386
5901310
5901385
5901214

52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2017612395 & Above)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901310	5901224
5901265	5901385
5901214	5901243
5901386	
5901266	
5901242	

52" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2017612395 & Above)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5415907A	1	WELD, IDLER ARM - BLK
2	5104383	2	BEARING, 6203-1/2", SEALED
3	5104456	1	SPACER, .51 X .75 X 1.22, PM CZ
4	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
5	5103800	2	PULLEY, FLAT IDLER, 6-3/4"
6	5104716	1	PULLEY, IDLER, BACKSIDE, NOSEAM 6.25ODX.5ID
7	5101103	2	SHIELD, PULLEY BEARING, CZ
8	5101351	3	PULLEY, 5.926 OVER BALL
9	5044960	1	SPACER, .39 X 1.00 X .25
10	5044933	1	SPACER, .39 X .75 X .38
11	5025017X44	1	BOLT, 1/2-13 X 5-1/2 GD5 CZ
12	5025017X20	2	BOLT, 1/2-13 X 2-1/2 GD5 CZ
13	5101162	2	SPACER, .52 X 1.00 X .56, CZ
14	5047142	1	SPACER, .52 X 1.25 X .70, CZ
15	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
16	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5025013X12	1	BOLT, 3/8-16 X 1-1/2 GD5 CZ
18	5025158	1	WASHER, 1/2 SAE
19	5025165	1	WASHER-3/8 FENDER
20	5025396	4	NUT, 1/2-13 HEX NYLOCK FLANGE
21	5050407X10	3	KEY, 1/4 SQ X 1-1/4
22	5025406	3	WASHER, 3/4 BELLEVILLE
23	5025405	3	NUT, 3/4-16 HEX
24	5104166	1	SPRING, EXT, 1.5ODX12.25X.234WIRE BLK
25	5023497	1	EYE BOLT, 3/8-16 X 5, 2.88THRD, 1EYE, CZ
26	5103927	1	BELT, 5V, 162.40"EL, ARAMID WRPD, RC
27	5025010X8	2	BOLT, 1/4-20 X 1 GD5 CZ
28	5025154	2	WASHER, 1/4 SAE
29	5415938A	1	WELD, CLUTCH BELT GUIDE - BLK
30	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE
31	5105145	1	SHIELD, BEARING, 1/2 ID X 2-7/8 OD, CZ
32	5415931A	1	WELD, BELT GUIDE - BLK
33	5025324X10	1	BOLT, CARRIAGE 1/2-13 X 1-1/4 GD.5

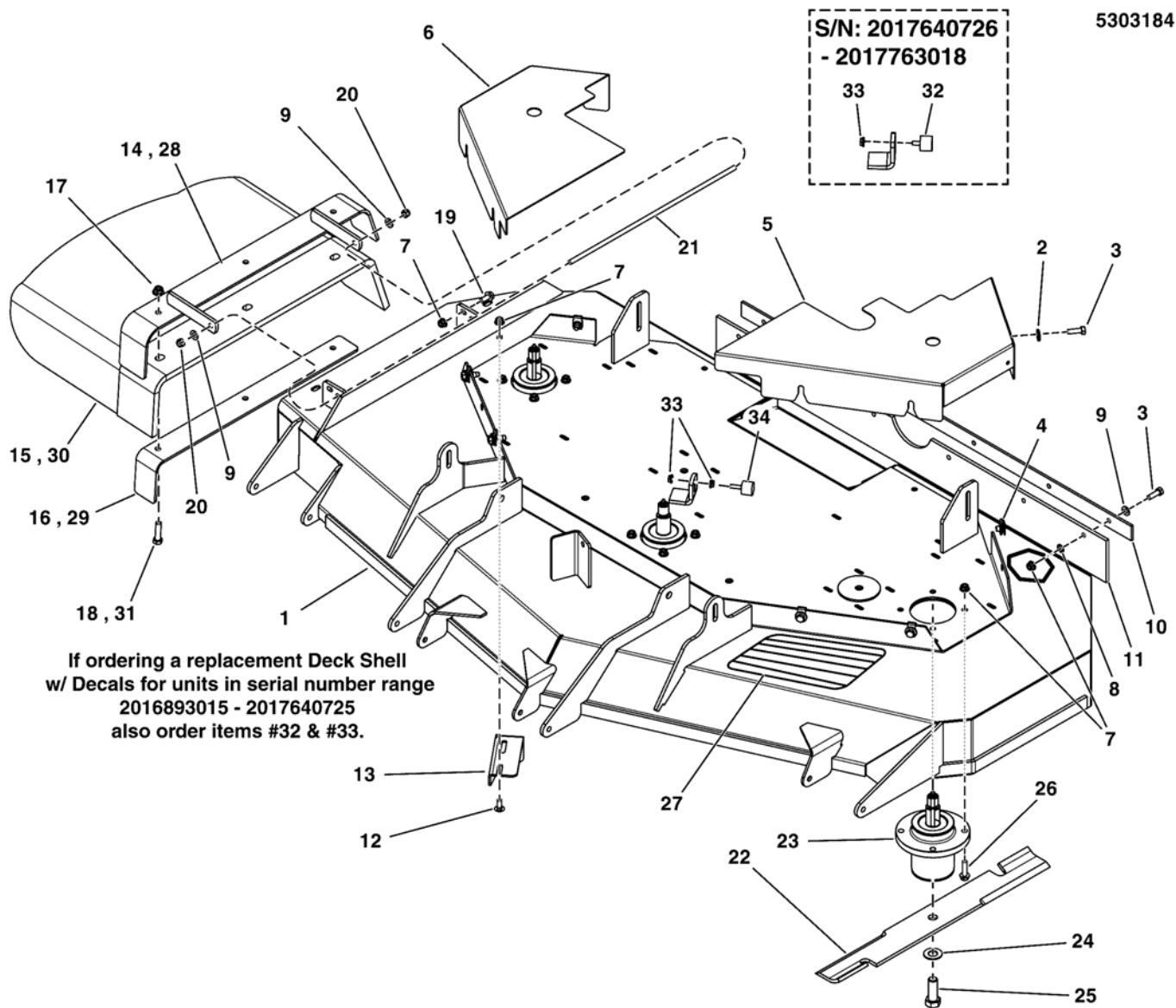
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901310 5901224
5901265 5901385
5901214 5901243
5901386
5901266
5901242

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

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901225	5901308
5901215	5901505
5901264	5901226
5901388	5901394
5901538	
5901387	

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

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600654	1	DECK SHELL W/ DECALS, 61, IS700Z (5410152B)(S/N: 2016893014 & Below)
1	5600797	1	DECK SHELL W/ DECALS, 700-61, DOM (5413074B)(S/N: 2016893015 & Above)
2	5025155	6	WASHER, 5/16 SAE
3	5025011X8	6	BOLT, 5/16-18 X 1 GD5 YZ Qty: 12 - S/N: 2017612049 & Below)
4	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
5	5410255B	1	PLATE, GUARD, 61, LH, IS700 - RED (S/N: 2016893014 & Below)
5	5413073B	1	GUARD 61" - LH - RED (S/N: 2016893015 & Above)
6	5410254B	1	PLATE, GUARD, 61, RH, IS700 - RED (S/N: 2016893014 & Below)
6	5413243B	1	PLATE, GUARD, 61, RH - RED (S/N: 2016893015 & Above)
7	5025392	15	NUT, 5/16-18 HEX NYLOCK FLANGE Qty: 21 - S/N: 2017612049 & Below)
8	5025498	6	5/16 PUSH-ON NUT RETAINER, STL, CZ (S/N: 2017612049 & Below)
9	5025155	2	WASHER, 5/16 SAE Qty: 8 - S/N: 2017612049 & Below)
10	5405322A	1	PLATE, SUPPORT - BLK (S/N: 2017612049 & Below)
11	5102036	1	FLAP, STRIPER, 61 DECK (S/N: 2017612049 & Below)
12	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
13	5401344A	1	PLATE, DEFLECTOR - BLK
14	5404716A	1	WELD, FRAME, CHUTE, 61 - BLK (S/N: 2017094785 & Below)
15	5404834	1	CHUTE, DISCHARGE, BEND RUBBER (SV) (S/N: 2017094785 & Below)
16	5408018A	1	SUPPORT, DISCHARGE CHUTE, 61/72 - BLK (S/N: 2017094785 & Below)
17	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
18	5025013X12	3	BOLT, 3/8-16 X 1-1/2 GD5 YZ (S/N: 2017094785 & Below)
19	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5 YZ
20	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
21	5061300	1	ROD, MOUNT, CHUTE 61, CZ
22	5101755S	3	BLADE SET, 61 DECK (3) (SV)(Set of 3 blades)
23	5061095	3	ASSM, SPINDLE, LOW PROFILE (Nut and Washer Sold Separately)
24	5025477	3	WASHER, 5/8 GRADE 8, YZ
25	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
26	5023156	12	BOLT, 5/16-18 X 1 1/4 FLANGE
27	5101004	1	SAFETY WALK, 4.00 X 7.50
28	5413387A	1	WELD, MOUNT, DISCHARGE CHUTE - BLK (S/N: 2017094786 & Above)
29	5413385A	1	SUPPORT, DISCHARGE CHUTE - BLK (S/N: 2017094786 & Above)
30	5413499	1	CHUTE, RUBBER DISCHARGE (5104442) (S/N: 2017094786 & Above)
31	5025145X12	3	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ (S/N: 2017094786 & Above)
32	5022673	1	BUMPER, RUBBER 1/4-20 (S/N: 2017640726 - 2017763018)
33	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE (Qty: 1 - S/N: 2017640726 - 2017763018)
34	5105237	1	BUMPER, RUBBER, 1/4-20 X 7/8" STUD (S/N: 2017763019 & Above)

Footnotes

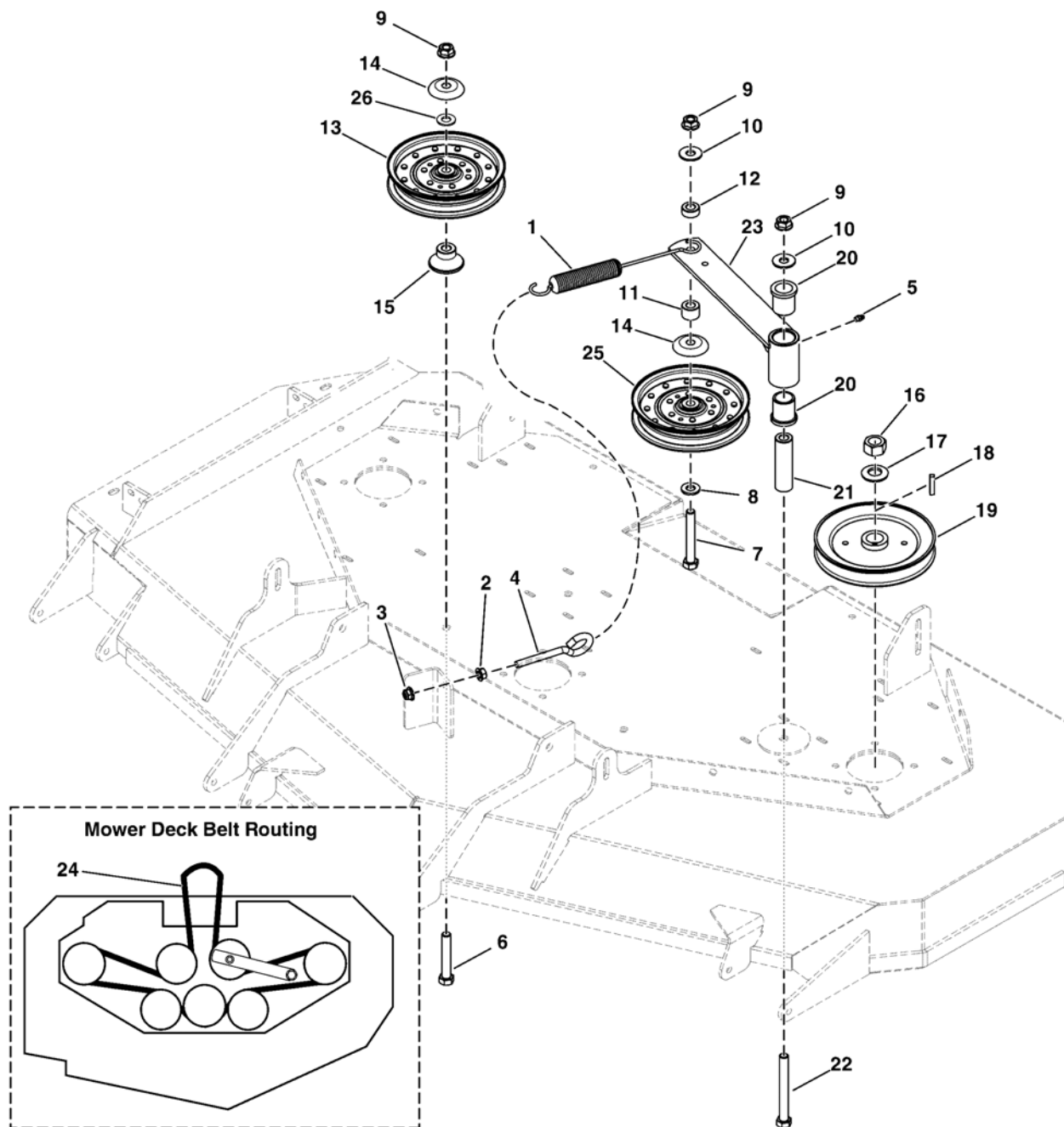
The above parts group applies to the following Mfg. Nos.:

5901225 5901308
5901215 5901505
5901264 5901226
5901388 5901394
5901538
5901387

61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893014 & Below)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303185



The above parts group applies to the following Mfg. Nos.:

5901225
5901215
5901264
5901226
5901308

61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893014 & Below)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5100632	1	SPRING, EXTENSION, SWIVEL. LONG HOOK (coil-to-coil measurement: 6-5/8" at middle cut height position)
2	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
3	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5021811	1	EYE BOLT, 3/8-16 X 8, 1 EYE
5	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
6	5025017X24	3	BOLT, 1/2-13 X 3 GD5 YZ
7	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 YZ
8	5025440	1	WASHER, 1/2 GD9 YZ
9	5025396	5	NUT, 1/2-13 HEX NYLOCK FLANGE
10	5025150	2	WASHER, 1/2 USS
11	5101162	1	SPACER, .52 X 1.00 X .56, CZ
12	5100520	1	SPACER, .52 X 1.00 X .22, CZ
13	5103800	3	*PULLEY, FLAT IDLER, 6-3/4" *If not present, order 5025158 - washer and 5101103 - shield.
14	5101103	4	SHIELD, PULLEY BEARING
15	5103430	3	IDLER MOUNT
16	5025405	3	NUT, 3/4-16 HEX
17	5025406	3	WASHER, 3/4 BELLEVILLE
18	5050407X10	3	KEY, 1/4 SQ X 1-1/4
19	5100700	3	PULLEY, 6.93 EOD X 25MM, SPLIT
20	5021541	2	BUSHING, FLANGE
21	5045022	1	SPACER, .52 X 1.00 X 3.50
22	5025017X40	1	BOLT-1/2-13 X 5 GD5 YZ
23	5410569A	1	WELD, IDLER ARM - 52" - BLK
24	5103871	1	BELT, 5V, 175.90EL, LG ARAMID, WRPD, RC
25	5102678	1	PULLEY, DEEP V-IDLER, 6.25"OD X 1/2"ID
26	5025158	3	WASHER, 1/2 SAE

Footnotes

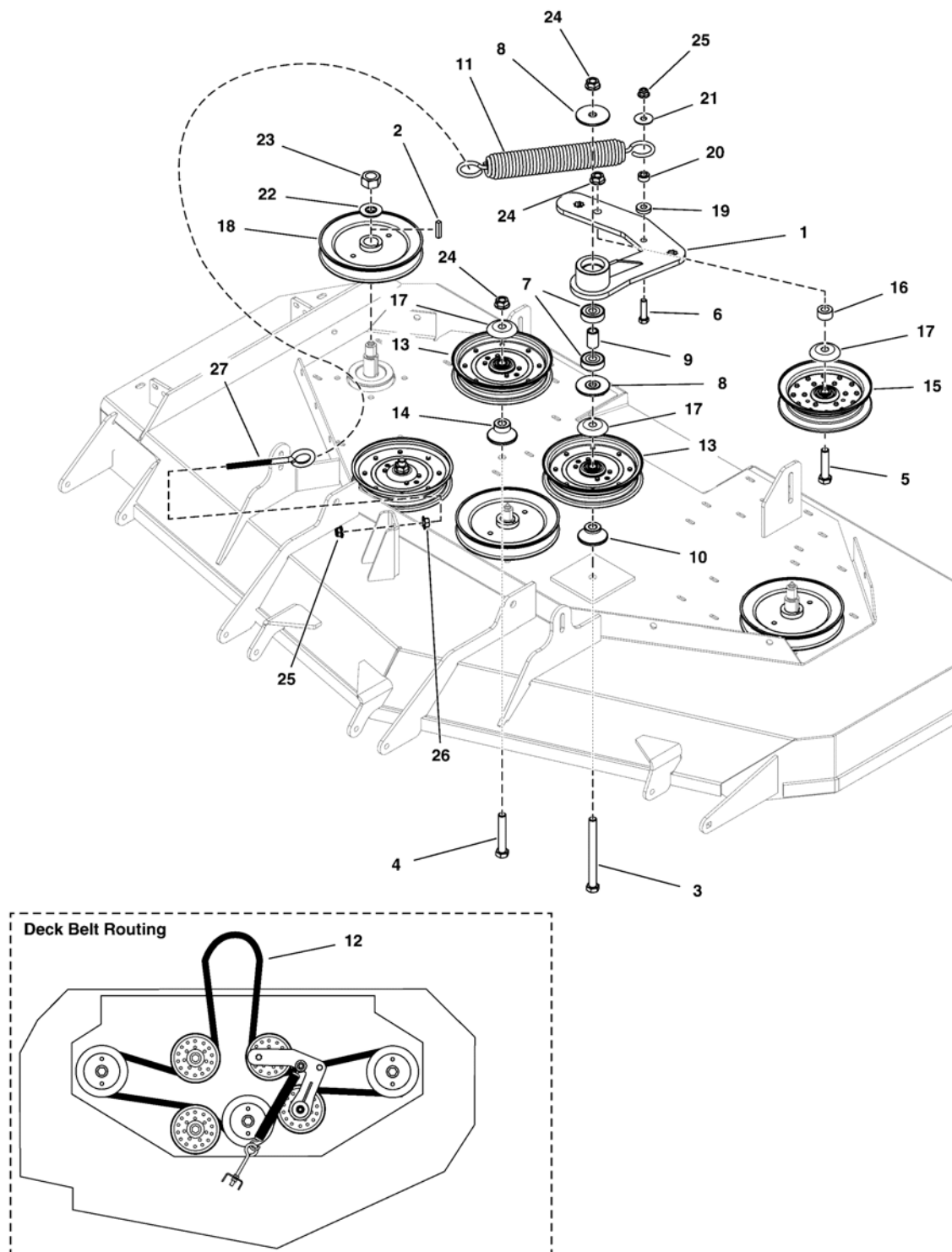
The above parts group applies to the following Mfg. Nos.:

5901225
5901215
5901264
5901226
5901308

61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893015 - 2017612394)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303591



The above parts group applies to the following Mfg. Nos.:

5901264	5901538
5901505	5901226
5901388	5901387
5901308	5901225
5901394	
5901215	

61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2016893015 - 2017612394)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5412572A	1	WELD, IDLER ARM - BLK
2	5050407X10	3	KEY, 1/4 SQ X 1-1/4
3	5025017X44	1	BOLT, 1/2-13 X 5-1/2 GD5 CZ
4	5025017X24	2	BOLT, 1/2-13 X 3 GD5 CZ
5	5025017X20	1	BOLT, 1/2-13 X 2-1/2 GD5 CZ
6	5025013X12	1	BOLT, 3/8-16 X 1-1/2 GD5 CZ
7	5104383	2	BEARING, 6203-1/2", SEALED
8	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
9	5104456	1	SPACER, .51 X .75 X 1.22, PM CZ
10	5104342	1	IDLER MOUNT, .88 HIGH
11	5104166	1	SPRING, EXT, 1.5ODX12.25X.234WIRE BLK
12	5103871	1	BELT, 5V, 175.90"EL, LG ARAMID WRPD, RC
13	5103800	3	PULLEY, FLAT IDLER, 6-3/4"
14	5103430	2	IDLER MOUNT
15	5102678	1	PULLEY, DEEP V-IDLER, 6.25"OD X 1/2"ID
16	5101162	1	SPACER, .52 X 1.00 X .56, CZ
17	5101103	4	SHIELD, PULLEY BEARING, CZ
18	5100700	3	PULLEY, 6.93 EOD X 25MM, SPLIT
19	5044960	1	SPACER, .39 X 1.00 X .25
20	5044933	1	SPACER, .39 X .75 X .38
21	5025165	1	WASHER-3/8 FENDER
22	5025406	3	WASHER, 3/4 BELLEVILLE
23	5025405	3	NUT, 3/4-16 HEX
24	5025396	5	NUT, 1/2-13 HEX NYLOCK FLANGE
25	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
26	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
27	5021812	1	EYE BOLT, 3/8-16 X 6, 3THRD, 1EYE, CZ

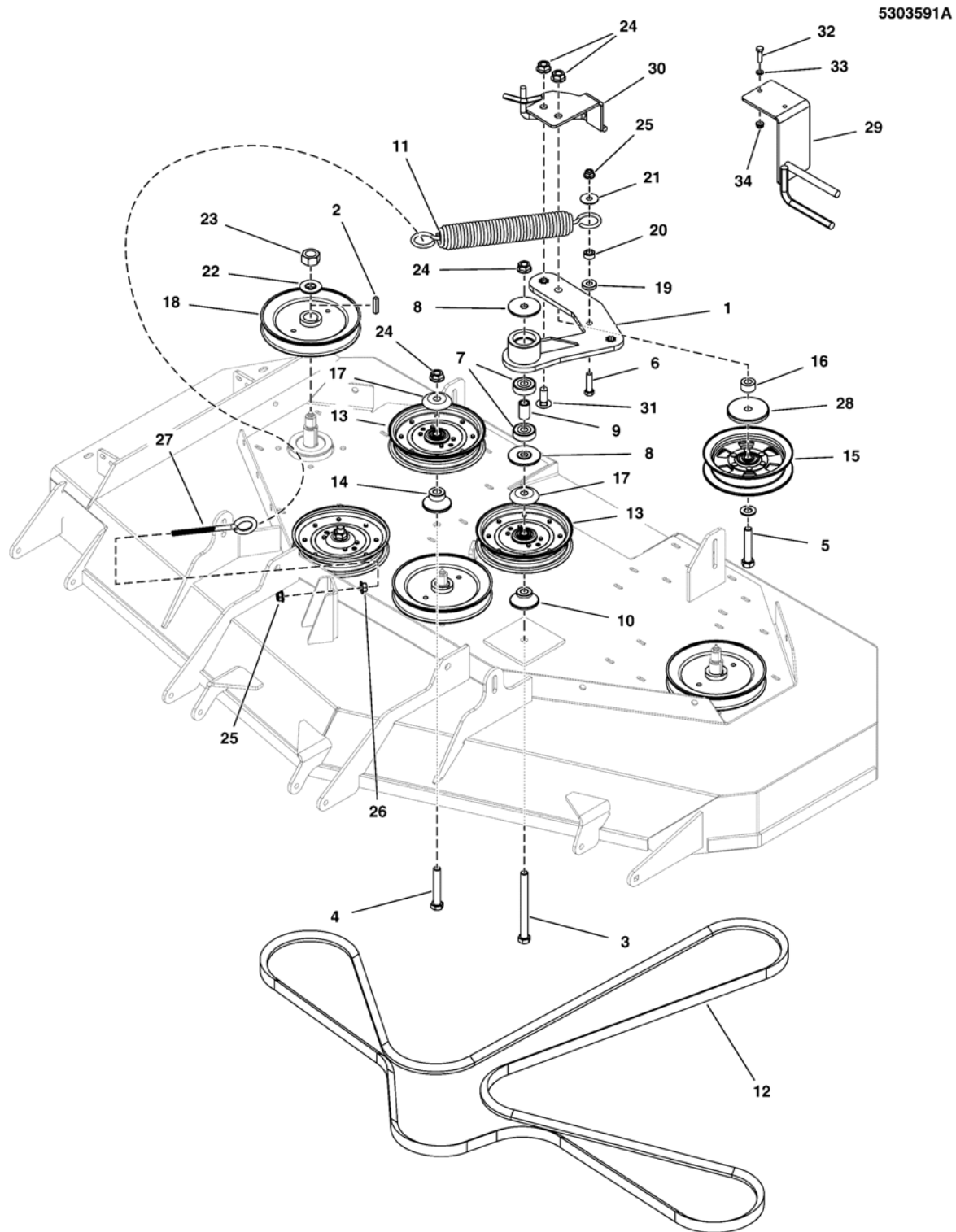
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901264 5901538
5901505 5901226
5901388 5901387
5901308 5901225
5901394
5901215

61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2017612395 & Above)

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

5901225	5901226
5901215	5901394
5901387	5901388
5901308	5901505
5901538	
5901264	

61" Mower Deck - Pulleys, Belt, & Idler Arm (S/N: 2017612395 & Above)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5415907A	1	WELD, IDLER ARM - BLK
2	5050407X10	3	KEY, 1/4 SQ X 1-1/4
3	5025017X44	1	BOLT, 1/2-13 X 5-1/2 GD5 CZ
4	5025017X24	2	BOLT, 1/2-13 X 3 GD5 CZ
5	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5 CZ
6	5025013X12	1	BOLT, 3/8-16 X 1-1/2 GD5 CZ
7	5104383	2	BEARING, 6203-1/2", SEALED
8	5104379	2	SPACER, IDLER ARM, 1/2 X 2.25
9	5104456	1	SPACER, .51 X .75 X 1.22, PM CZ
10	5104342	1	IDLER MOUNT, .88 HIGH
11	5104166	1	SPRING, EXT, 1.5ODX12.25X.234WIRE BLK
12	5103871	1	BELT, 5V, 175.90"EL, LG ARAMID WRPD, RC
13	5103800	3	PULLEY, FLAT IDLER, 6-3/4"
14	5103430	2	IDLER MOUNT
15	5104716	1	PULLEY, IDLER, BACKSIDE, NOSEAM 6.25ODX.5ID
16	5101162	1	SPACER, .52 X 1.00 X .56, CZ
17	5101103	3	SHIELD, PULLEY BEARING, CZ
18	5100700	3	PULLEY, 6.93 EOD X 25MM, SPLIT
19	5044960	1	SPACER, .39 X 1.00 X .25
20	5044933	1	SPACER, .39 X .75 X .38
21	5025165	1	WASHER-3/8 FENDER
22	5025406	3	WASHER, 3/4 BELLEVILLE
23	5025405	3	NUT, 3/4-16 HEX
24	5025396	6	NUT, 1/2-13 HEX NYLOCK FLANGE
25	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
26	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
27	5021812	1	EYE BOLT, 3/8-16 X 6, 3THRD, 1EYE, CZ
28	5105145	1	SHIELD, BEARING, 1/2 ID X 2-7/8 OD, CZ
29	5415938A	1	WELD, CLUTCH BELT GUIDE - BLK
30	5415953A	1	WELD, BELT GUIDE - BLK
31	5025324X10	1	BOLT, CARRIAGE 1/2-13 X 1-1/4 GD.5
32	5025010X8	2	BOLT, 1/4-20 X 1 GD5 CZ
33	5025154	2	WASHER, 1/4 SAE
34	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE

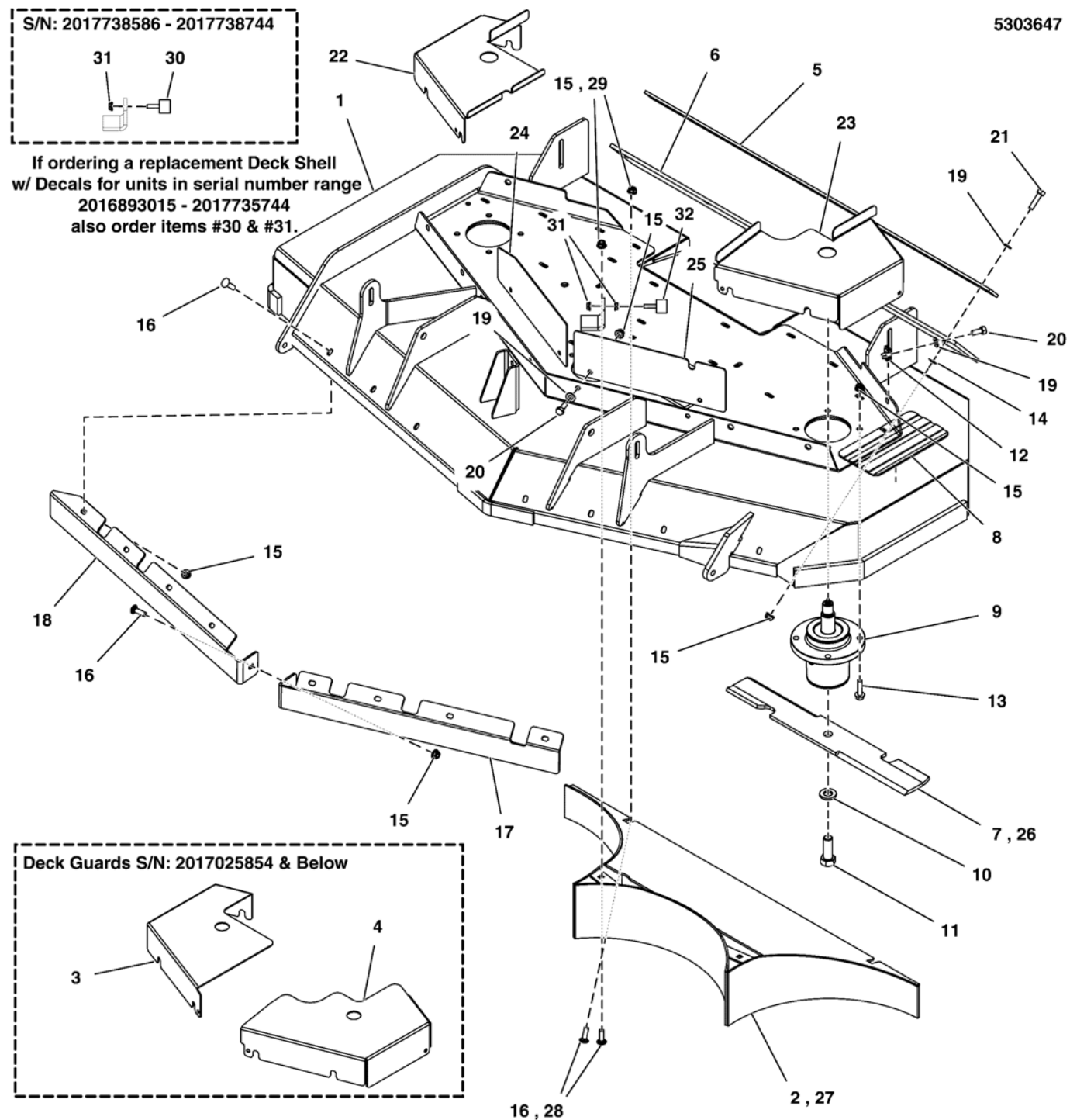
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901225	5901226
5901215	5901394
5901387	5901388
5901308	5901505
5901538	
5901264	

52" Mower Deck - Housing, Covers, Spindles & Blades - Rear Discharge

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:
5901310

52" Mower Deck - Housing, Covers, Spindles & Blades - Rear Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600715	1	DECK SHELL W/ DECALS, 52RDCE, IS700Z (5410697B)(S/N: 2016893014 & Below)
1	5600809	1	DECK SHELL W/ DECALS, 52RD-CE, 700 (5413041B)(S/N: 2016893015 & Above)
2	5411189B	1	WELD, REAR BAFFLE, 52RD - RED (S/N: 2017027415 & Below)
3	5415634B	1	GUARD, RH 52", 560/700/125 (S/N: 2017025854 & Below)
4	5410492B	1	GUARD, 52 DECK, LH - RED (S/N: 2017025854 & Below)
5	5402475A	1	PLATE, FLAP RETAINER, 2000 RD - BLK
6	5402474	1	FLAP, 2000 REAR DISCHARGE
7	5101756S	1	BLADE, SET OF THREE, 18 X .25 X 2.5, 1 X 3.5 (S/N: 2017027415 & Below)
8	5101004	1	SAFETY WALK, 4.00 X 7.50
9	5061095	3	ASSM, SPINDLE, LOW PROFILE (Nut and washer sold seperately)
10	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
11	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
12	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
13	5023156	12	BOLT, 5/16-18 X 1 1/4 FLANGE
14	5025498	4	5/16 PUSH-ON NUT RETAINER, STL, CZ
15	5025392	31	NUT, 5/16-18 HEX NYLOCK FLANGE (Qty: 26 - S/N: 2017025854 & Below)
16	5025145X8	6	BOLT, 5/16-18 X 1, CARRIAGE (Qty: 10 - S/N: 2017027415 & Below)
17	5411033B	1	BAFFLE, FRONT DISCHARGE, RH, 52RD
18	5411034B	1	BAFFLE, FRONT DISCHARGE, LH, 52RD
19	5025155	15	WASHER, 5/16 SAE (Qty: 11 - S/N: 2017025854 & Below)
20	5025011X6	10	BOLT, 5/16-18 X 3/4 GD5 (Qty: 6 - S/N: 2017025854 & Below)
21	5025011X10	5	BOLT, 5/16-18 X 1-1/4 GD5 YZ
22	5413450B	1	PLATE, DECK GUARD - RH - RED (S/N: 2017025855 & Above)
23	5413449B	1	PLATE, DECK GUARD - LH - RED (S/N: 2017025855 & Above)
24	5413451B	1	PLATE, DECK GUARD, CENTER - RH - RED (S/N: 2017025855 & Above)
25	5413452B	1	PLATE, DECK GUARD, CENTER - RED (S/N: 2017025855 & Above)
26	5103304S	1	BLADE SET, MULCH, 52 DECK (SET OF 3) (S/N: 2017027416 & Above)
27	5414603A	1	WELD, REAR BAFFLE, SHRT - BLK (S/N: 2017027416 & Above)
28	502515145X6	4	BOLT, 5/16-18 X 3/4, CARRIAGE (S/N: 2017027416 & Above)
29	80003675	4	NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL (S/N: 2017027416 & Above)
30	5022673	1	BUMPER, RUBBER, 1/4-20 (S/N: 201738586 - 2017738744)
31	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE (Qty: 1 - S/N: 201738586 - 2017738744)
32	5105237	1	BUMPER, RUBBER, 1/4-20 X 7/8" STUD (S/N: 2017738745 & Above)

Footnotes

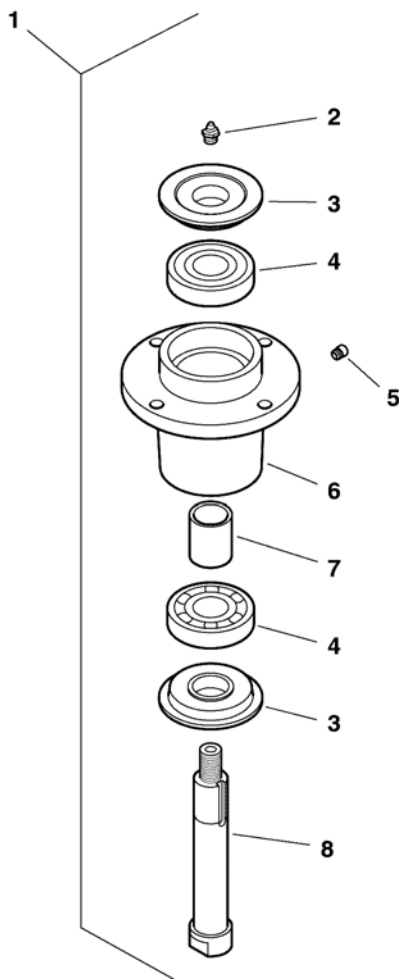
The above parts group applies to the following Mfg. Nos.:

5901310

Spindle SERVICE PARTS - 5061095

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5061095



The above parts group applies to the following Mfg. Nos.:

5901215	5901310	5901265
5901385	5901386	5901538
5901505	5901243	5901225
5901242	5901226	5901387
5901214	5901264	5901224
5901388	5901266	

Spindle SERVICE PARTS - 5061095

REF NO	PART NO.	QTY.	DESCRIPTION
1	5061095	1	ASSM, SPINDLE, LOW PROFILE (Nut and Washer Sold Separately)
2	5023329	1	FITTING
3	5049793	2	SHIELD, TRASH
4	5023330	2	BEARING, .98 X 2.44 X .67
5	5023296	1	FITTING, RELIEF, 1-5 PSI
6	5061097	1	HOUSING, SPINDLE
7	5061099	1	SPACER
8	5061098	1	SHAFT, SPINDLE

Footnotes

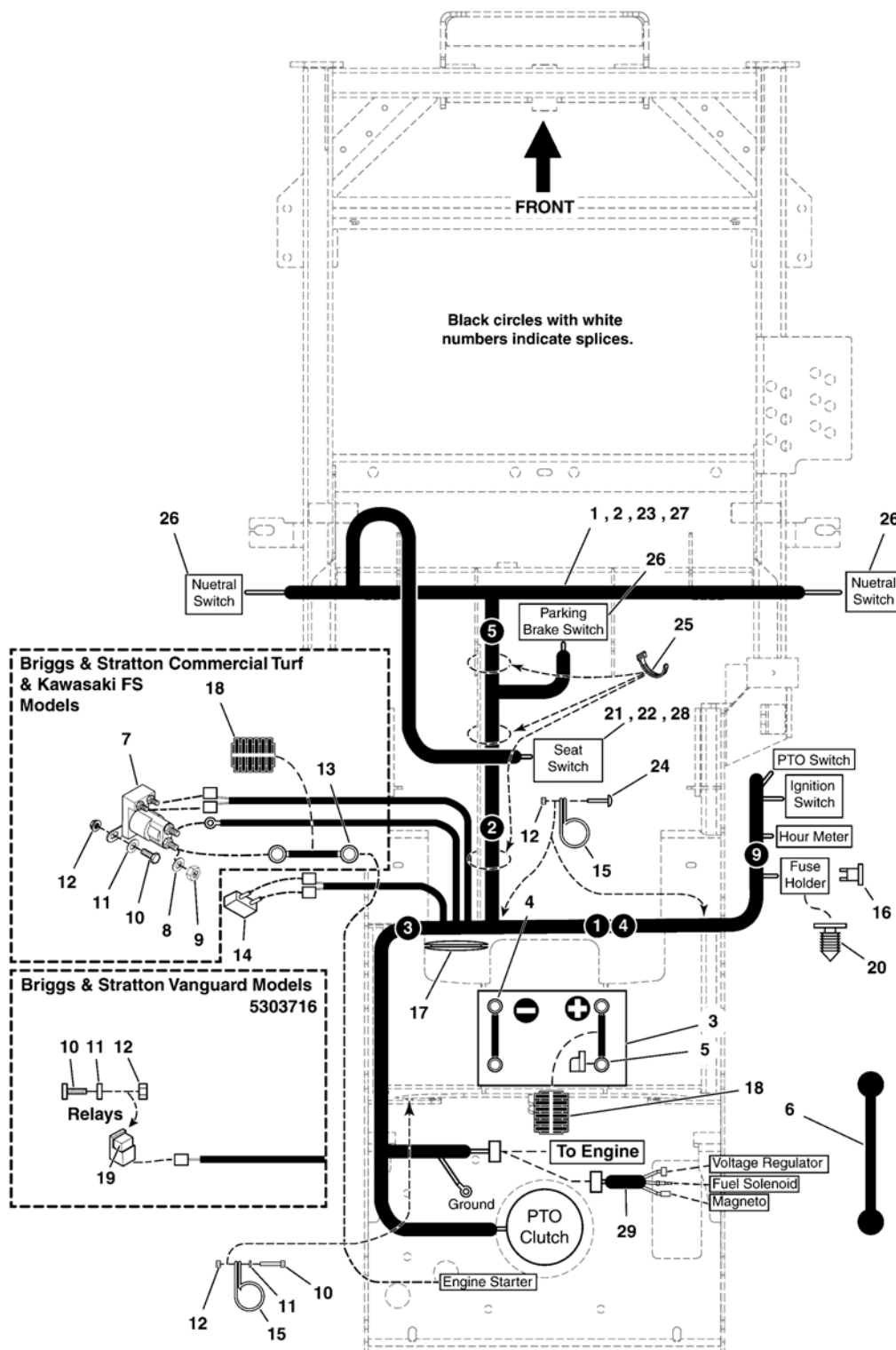
The above parts group applies to the following Mfg. Nos.:

5901215	5901310	5901265
5901385	5901386	5901538
5901505	5901243	5901225
5901242	5901226	5901387
5901214	5901264	5901224
5901388	5901266	

Electrical Group S/N: 2017612394 & Below

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303170
5303219
5303230



The above parts group applies to the following Mfg. Nos.:

5901242	5901308	5901394
5901226	5901243	5901264
5901310	5901225	5901266
5901388	5901214	5901215
5901386	5901224	5901385
5901265	5901387	

Electrical Group S/N: 2017612394 & Below

REF NO	PART NO.	QTY.	DESCRIPTION
1	5410289	1	WIRE HARNESS, C TURF, WARNER, IS600/IS700 (B&S Commercial Turf Engines S/N: All; Kawasaki Engines S/N: 2017301893 & Above)
2	-	1	USE 5410289 & 5104811 (Kawasaki Engines S/N: 2017301892 & Below)
3	-	1	BATTERY, WET (BCIU1, 340 CCA)
4	5047690	1	BATTERY CABLE, NEGATIVE, 14"
5	5021405	1	BATTERY CABLE, POSITIVE, 22
6	1722009	1	STRAP-BLACK RUBB
7	1724815	1	SOLENOID-4 POLE 12 VOLT DC (TROMBETTA)
8	5023217	2	WASHER, 5/16 LIGHT LOCK
9	5023216	2	NUT, 5/16-24 JAM
10	5025010X6	5	BOLT, 1/4-20 X 3/4 GD5 YZ
11	5025154	5	WASHER, 1/4 SAE
12	5025126	6	NUT, 1/4-20 HEX SERR. FLANGE
13	5023488	1	BATTERY CABLE, POSITIVE, 22 (Kawasaki and B&S Commercial Turf Models)
14	1665238	1	BREAKER-CIRCUIT 12VOLT 20AMPS W/TAB
15	5021500	3	CLAMP, VINYL INSULATED
16	5101935	1	FUSE, ATO 15 AMP (SV)
17	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
18	5050927X18	2	WIRE LOOM, 3/8 ID X 18 IN
19	5021766	1	RELAY, 12V, 40A (B&S Vanguard Engines Only)
20	5103761	1	FIR TREE MOUNT, PACKARD
21	5100540	1	SEAT SWITCH, MILSCO, BOLT-IN (SV - S/N: 2017202281 & Below)
22	5100541	1	SEAT SWITCH, MILSCO, TWIST-IN (SV - S/N: 2017202281 & Below)
23	5410629	1	WIRE HARNESS, VAN GRD, WARNER, IS600/700 (B&S 541777 Vanguard Engines Only)
24	5025299X8	2	SCREW, 1/4-20 X 1, ALLEN BH, CZ
25	5021030	3	TIE, SELF-LOCKING, 6"
26	7022886	3	SWITCH, DP NO/NC SNAP-IN
27	5412285	1	WIRE HARNESS, M49 VANGUARD, WARNER, 700 (B&S 49R977 Vanguard Engines)
28	5104741X6	1	DELTA SWITCH, NORMALLY CLOSED (SV - S/N: 2017202282 & Above)
29	5104811	1	WIRE HARNESS, JUMPER, KAWI (Kawasaki Engines S/N: 2017301893 & Above)

Footnotes**The above parts group applies to the following Mfg. Nos.:**

5901242	5901308	5901394
5901226	5901243	5901264
5901310	5901225	5901266
5901388	5901214	5901215
5901386	5901224	5901385
5901265	5901387	

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

5303170

FRONT

Black circles with white numbers indicate splices.

18

23

7

13

Fuse Holder

12

11

10

8

19

17

1

5

Parking Brake Switch

14

20, 21

Seat Switch

12

11

15

2

5

18

3

4

PTO Switch

Ignition Switch

Hour Meter

4

Fuse Holder

9

2

To Engine

Ground

PTO Clutch

Engine Starter

5901265
5901385
5901310
5901264
5901387
5901266

Electrical Group - Briggs & Stratton S/N: 2017612395 & Above

REF NO	PART NO.	QTY.	DESCRIPTION
1	5416016	1	WIRE HARNESS, MAIN, SM, ZTR
2	5025299X6	2	SCREW, 1/4-20X3/4, ZINC PHOS & OIL
3	--	1	BATTERY, WET (BCIU1, 350 CCA)
4	5047690	1	BATTERY CABLE, NEG, 14, 5/16-13/32
5	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
6	1722009	1	STRAP-BLACK RUBB
7	1755382	1	SOLENOID, STD-BRACKET, 2-SPADE
8	80003921	2	NUT, 1/4-20, KEPS, CONICAL WSHR, ZC/CL
9	5025033	2	NUT, 5/16-24 HEX
10	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
11	5025154	4	WASHER, 1/4 SAE
12	5025391	5	NUT, 1/4-20 HEX NYLOCK FLANGE
13	5023488	1	BATTERY CABLE, POS, 22, 1/4-5/16
14	7022886	1	SWITCH, DP NO/NC SNAP-IN
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
16	5021029	9	TIE, SELF-LOCKING, 12" (Secures wire harness to wire carrier rod).
17	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
18	5050927X18	2	WIRE LOOM, 3/8 ID X 18 IN
19	5103761	1	FIR TREE MOUNT, PACKARD
20	5100540	1	SEAT SWITCH, MILSCO, BOLT-IN (SV)
21	5100541	1	SEAT SWITCH, MILSCO, TWIST-IN (SV)
22	5101935	1	FUSE, ATO-15 (15 AMP) (SV)
23	5021603	1	FUSE, ATO-20 (20 AMP) (SV)

Footnotes

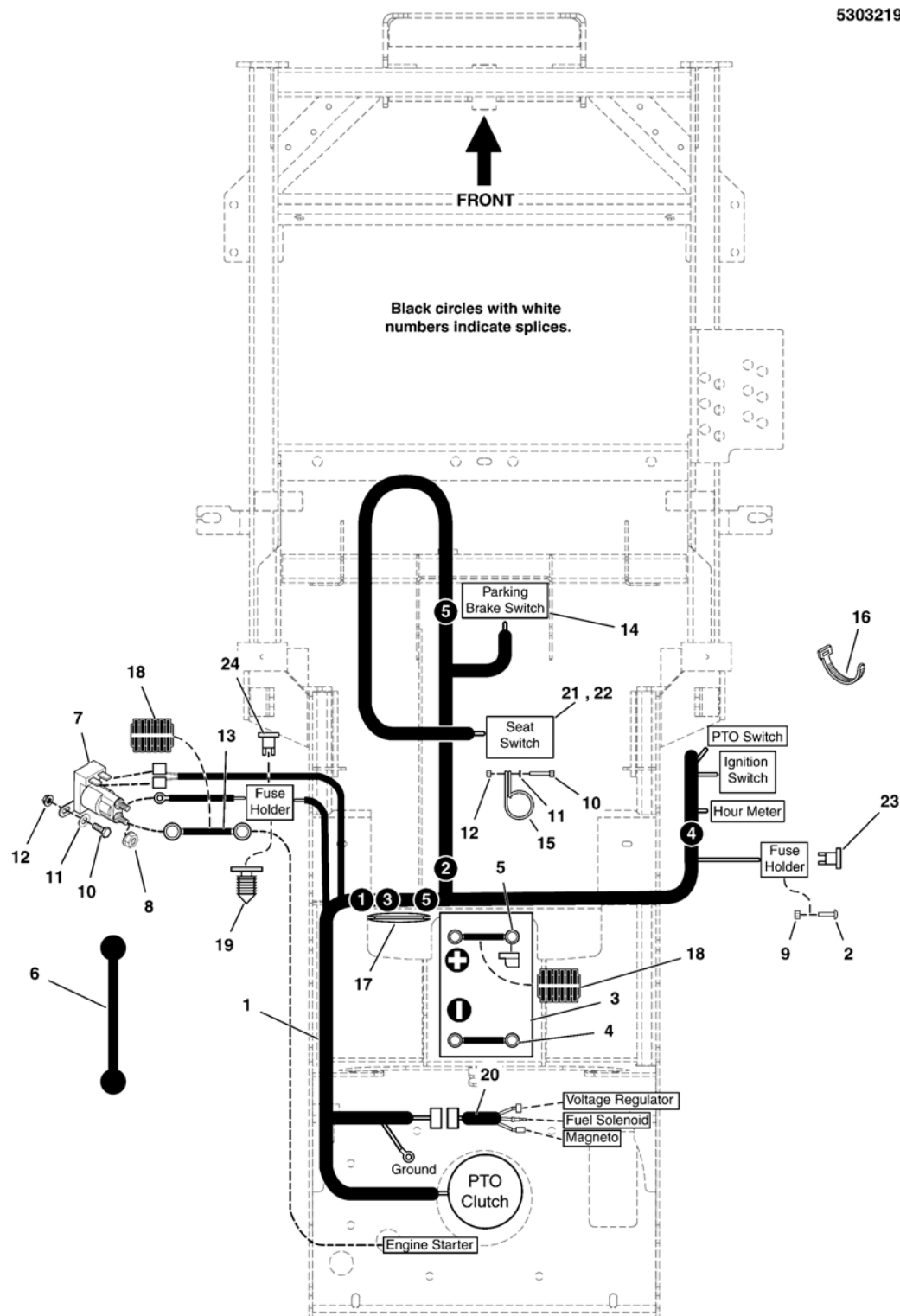
The above parts group applies to the following Mfg. Nos.:

5901265
5901385
5901310
5901264
5901387
5901266

Electrical Group - Kawasaki S/N: 2017612395 & Above

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303219A



The above parts group applies to the following Mfg. Nos.:

5901388
5901224
5901225
5901386

Electrical Group - Kawasaki S/N: 2017612395 & Above

REF NO	PART NO.	QTY.	DESCRIPTION
1	5416016	1	WIRE HARNESS, MAIN, SM, ZTR
2	5025299X6	2	SCREW, 1/4-20X3/4, ZINC PHOS & OIL
3	--	1	BATTERY, WET (BCIU1, 350 CCA)
4	5047690	1	BATTERY CABLE, NEG, 14, 5/16-13/32
5	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
6	1722009	1	STRAP-BLACK RUBB
7	1755382	1	SOLENOID, STD-BRACKET, 2-SPADE
8	80003921	2	NUT, 1/4-20, KEPS, CONICAL WSHR, ZC/CL
9	5025033	2	NUT, 5/16-24 HEX
10	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
11	5025154	4	WASHER, 1/4 SAE
12	5025391	5	NUT, 1/4-20 HEX NYLOCK FLANGE
13	5023488	1	BATTERY CABLE, POS, 22, 1/4-5/16
14	7022886	1	SWITCH, DP NO/NC SNAP-IN
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
16	5021029	9	TIE, SELF-LOCKING, 12" (Secures wire harness to wire carrier rod).
17	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
18	5050927X18	2	WIRE LOOM, 3/8 ID X 18 IN
19	5103761	1	FIR TREE MOUNT, PACKARD
20	5104811	1	WIRE HARNESS, JUMPER, KAWI
21	5100540	1	SEAT SWITCH, MILSCO, BOLT-IN (SV)
22	5100541	1	SEAT SWITCH, MILSCO, TWIST-IN (SV)
23	5101935	1	FUSE, ATO-15 (15 AMP) (SV)
24	5021603	1	FUSE, ATO-20 (20 AMP) (SV)

Footnotes

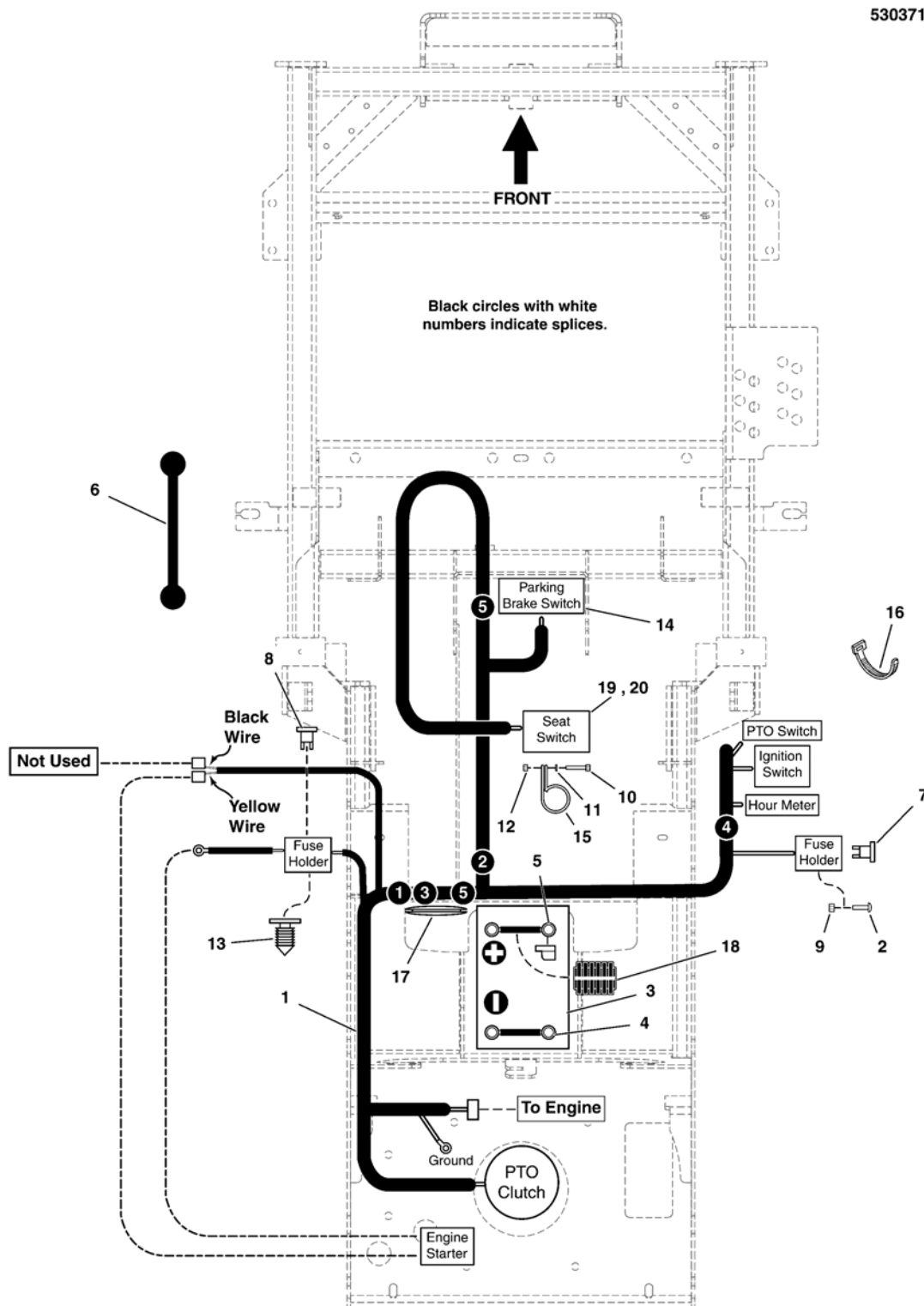
The above parts group applies to the following Mfg. Nos.:

5901388
5901224
5901225
5901386

Electrical Group - Briggs & Stratton 49R977 Engine S/N: 2017612395 & Above

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5303716A



The above parts group applies to the following Mfg. Nos.:

5901394

5901308

Electrical Group - Briggs & Stratton 49R977 Engine S/N: 2017612395 & Above

REF NO	PART NO.	QTY.	DESCRIPTION
1	5416016	1	WIRE HARNESS, MAIN, SM, ZTR
2	5025299X6	2	SCREW, 1/4-20X3/4, ZINC PHOS & OIL
3	--	1	BATTERY, WET (BCIU1, 350 CCA)
4	5047690	1	BATTERY CABLE, NEG, 14, 5/16-13/32
5	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
6	1722009	1	STRAP-BLACK RUBB
7	5101935	1	FUSE, ATO-15 (15 AMP) (SV)
8	5021603	1	FUSE, ATO-20 (20 AMP) (SV)
9	5025033	2	NUT, 5/16-24 HEX
10	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 CZ
11	5025154	2	WASHER, 1/4 SAE
12	5025391	3	NUT, 1/4-20 HEX NYLOCK FLANGE
13	5103761	1	FIR TREE MOUNT, PACKARD
14	7022886	1	SWITCH, DP NO/NC SNAP-IN
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
16	5021029	9	TIE, SELF-LOCKING, 12" (Secures wire harness to wire carrier rod).
17	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
18	5050927X18	1	WIRE LOOM, 3/8 ID X 18 IN
19	5100540	1	SEAT SWITCH, MILSCO, BOLT-IN (SV)
20	5100541	1	SEAT SWITCH, MILSCO, TWIST-IN (SV)

Footnotes

The above parts group applies to the following Mfg. Nos.:

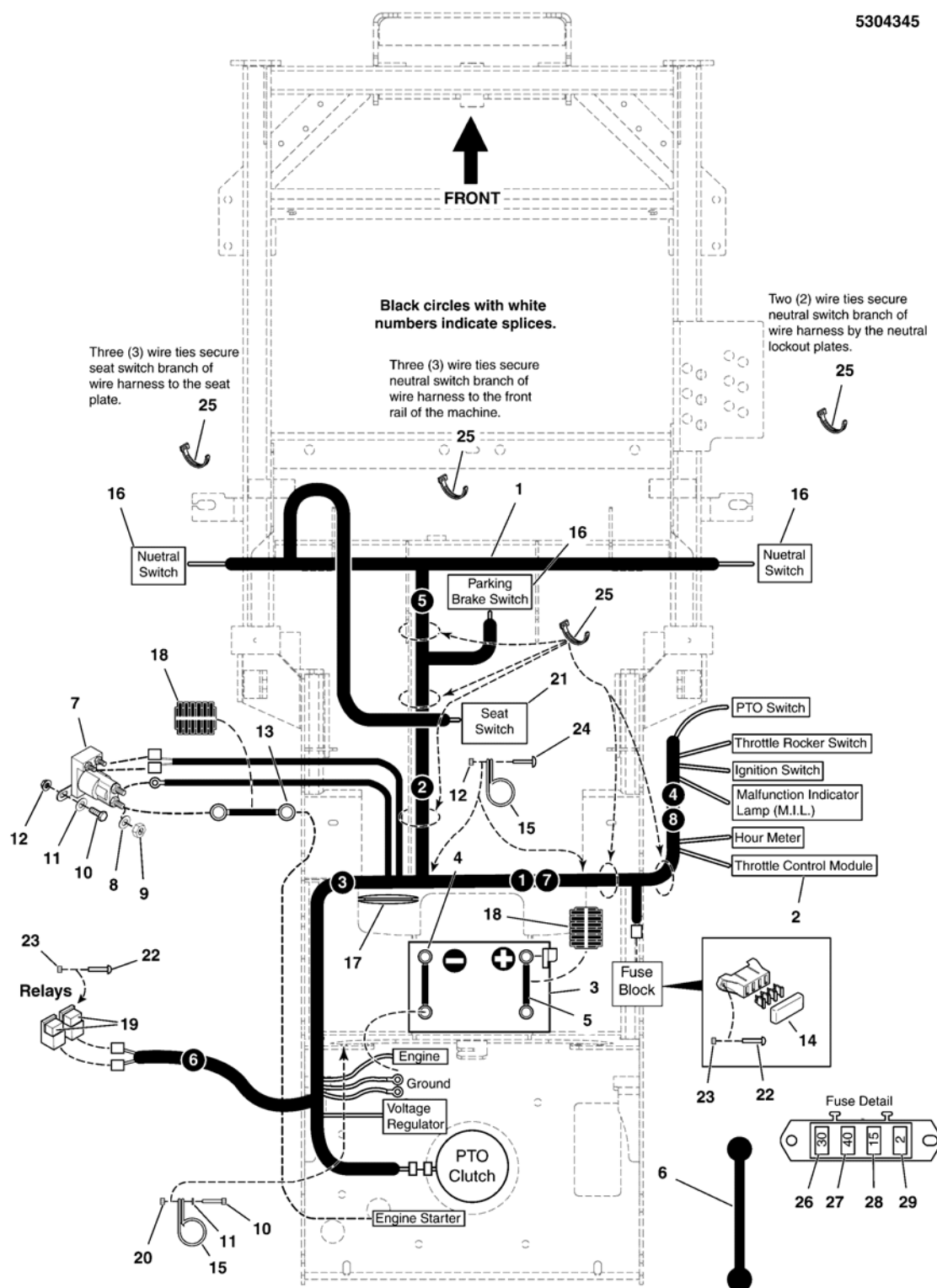
5901394

5901308

Electrical Group - Kawasaki Fuel Injected Engines S/N: 2017549125 & Below

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5304345



The above parts group applies to the following Mfg. Nos.:

5901538
5901505

Electrical Group - Kawasaki Fuel Injected Engines S/N: 2017549125 & Below

REF NO	PART NO.	QTY.	DESCRIPTION
1	5414577	1	WIRE HARNESS, IS700, KAWI FS730V EFI
2	5102075	1	MODULE, THROTTLE CONTROL, KAV DFI
3	--	1	BATTERY, WET (BCIU1, 350 CCA)
4	5047690	1	BATTERY CABLE, NEG, 14, 5/16-13/32
5	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
6	1722009	1	STRAP-BLACK RUBB
7	1724815	1	SOLENOID-4 POLE 12 VOLT DC (TROMBETTA)
8	5023217	2	WASHER, 5/16 LIGHT LOCK
9	5023216	2	NUT, 5/16-24 JAM
10	5025010X6	5	BOLT, 1/4-20 X 3/4 GD5 CZ
11	5025154	5	WASHER, 1/4 SAE
12	5025126	4	NUT, 1/4-20 HEX SERR. FLANGE
13	5023488	1	BATTERY CABLE, POS, 22, 1/4-5/16
14	5022805	1	COVER, VINYL, FUSE BLOCK
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
16	7022886	3	SWITCH, DP NO/NC SNAP-IN
17	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
18	5050927X18	2	WIRE LOOM, 3/8 ID X 18 IN
19	5021766	2	RELAY, 12V, 40A
20	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE
21	5104741X6	1	DELTA SWITCH - NORMALLY CLOSED (SV)
22	5025179X6	4	SCREW, #10-24 X 3/4 ROUND PHILLIPS
23	5025271	4	NUT, #10-24 HEX NYLON LOCK
24	5025299X6	2	SCREW, 1/4-20X3/4, ZINC PHOS & OIL
25	5021029	13	TIE, SELF-LOCKING, 12"
26	5021771	1	FUSE, ATO, 30 AMP
27	5023454	1	FUSE, ATO, 40A
28	5101935	1	FUSE, ATO-15 (15 AMP)
29	5104786	1	FUSE, 2 AMP, 32 VOLT, ATO-2

Footnotes

The above parts group applies to the following Mfg. Nos.:

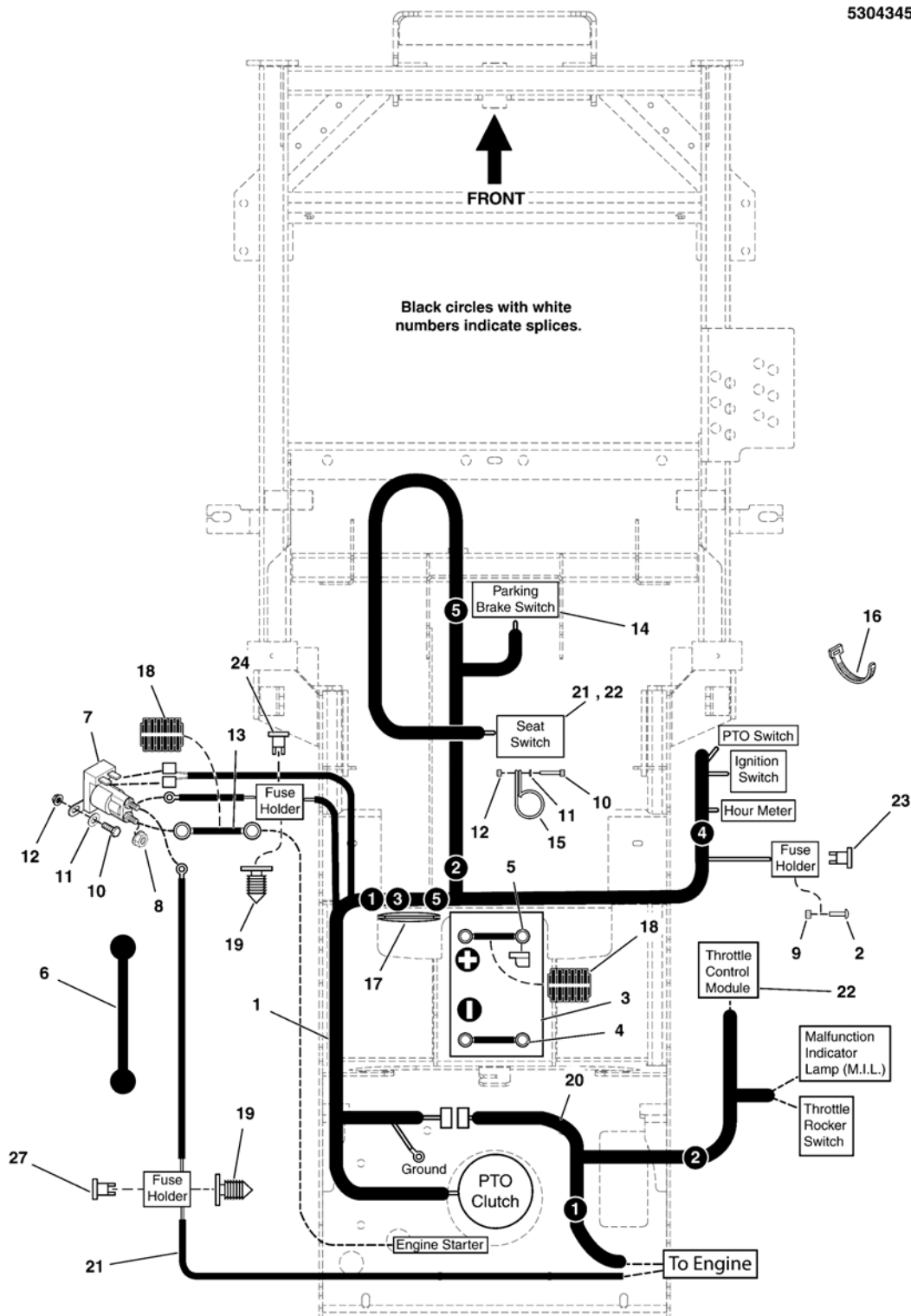
5901538

5901505

Electrical Group - Kawasaki Fuel Injected Engines S/N: 2017612395 & Above

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

5304345A



The above parts group applies to the following Mfg. Nos.:

5901505

5901538

Electrical Group - Kawasaki Fuel Injected Engines S/N: 2017612395 & Above

REF NO	PART NO.	QTY.	DESCRIPTION
1	5416016	1	WIRE HARNESS, MAIN, SM, ZTR
2	5025299X6	2	SCREW, 1/4-20X3/4, ZINC PHOS & OIL
3	--	1	BATTERY, WET (BCIU1, 350 CCA)
4	5047690	1	BATTERY CABLE, NEG, 14, 5/16-13/32
5	5021405	1	BATTERY CABLE, POS, 22, 1/4-5/16
6	1722009	1	STRAP-BLACK RUBB
7	1755382	1	SOLENOID, STD-BRACKET, 2-SPADE
8	80003921	2	NUT, 1/4-20, KEPS, CONICAL WSHR, ZC/CL
9	5025033	2	NUT, 5/16-24 HEX
10	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
11	5025154	4	WASHER, 1/4 SAE
12	5025391	5	NUT, 1/4-20 HEX NYLOCK FLANGE
13	5023488	1	BATTERY CABLE, POS, 22, 1/4-5/16
14	7022886	1	SWITCH, DP NO/NC SNAP-IN
15	5021500	3	CLAMP, VINYL INSULATED, 1.00
16	5021029	9	TIE, SELF-LOCKING, 12" (Secures wire harness to wire carrier rod).
17	5102677	1	GROMMET, 1-1/2" ID FOR 1/4" METAL
18	5050927X18	2	WIRE LOOM, 3/8 ID X 18 IN
19	5103761	2	FIR TREE MOUNT, PACKARD
20	5416382	1	WIRE HARNESS, JUMPER FX730V, EFI, IS700
21	5416597	1	HARNESS, KAWI, FS, EFI CHARGE JUMPER
22	5102075	1	MODULE, THROTTLE CONTROL, KAV DFI
23	5100540	1	SEAT SWITCH, MILSCO, BOLT-IN (SV)
24	5100541	1	SEAT SWITCH, MILSCO, TWIST-IN (SV)
25	5101935	1	FUSE, ATO-15 (15 AMP) (SV)
26	5021603	1	FUSE, ATO-20 (20 AMP) (SV)
27	5023454	1	FUSE, ATO-40 (40 AMP) (SV)

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901505

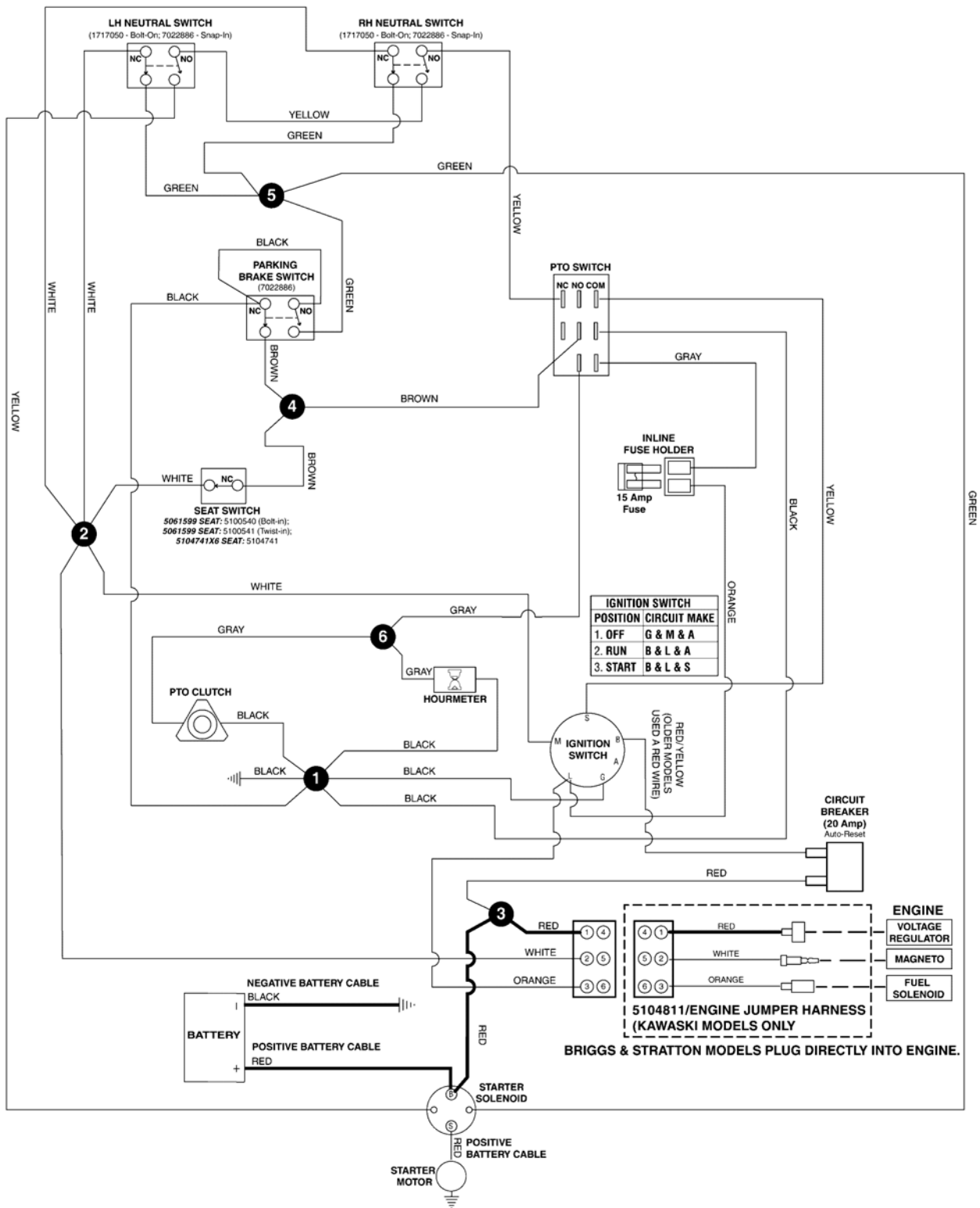
5901538

Electrical Schematic - Charging Circuit - S/N: 2017612394 & Below

5410289 / MAIN WIRE HARNESS

(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.)

IMPORTANT INFORMATION: This wiring diagram schematic is for all models equipped with the following engines: Briggs & Stratton Commercial Turf, Briggs & Stratton Professional Series, and Kawasaki FS, **WITH THE EXCEPTION OF** the Kawasaki FS equipped model 5901222 and 5901223. For 5901222 and 5901223 this schematic reflects the serial number range 2016277577 & above. **ON MODELS WITH KAWASAKI ENGINES IN S/N: 2017301892 & BELOW:** The main wire harness plugged directly into the engine.



The above parts group applies to the following Mfg. Nos.:

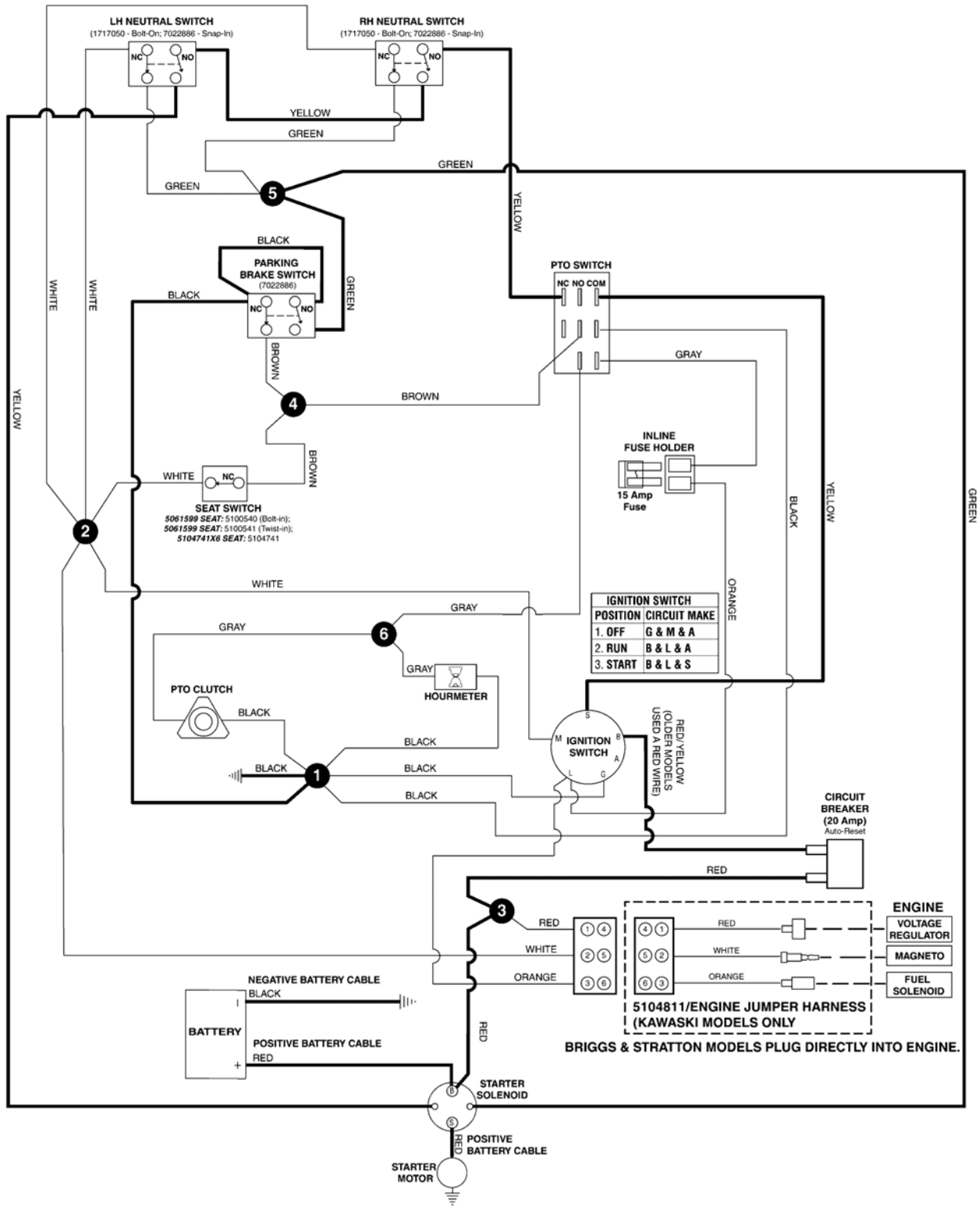
5901310 - IS	5901386 - IS	5901266 - IS
5901242 - IS	5901387 - IS	5901264 - IS
5901243 - IS	5901388 - IS	
5901214 - IS	5901224 - IS	
5901215 - IS	5901225 - IS	
5901385 - IS	5901265 - IS	

Electrical Schematic - Cranking Circuit - S/N: 2017612394 & Below

5410289 / MAIN WIRE HARNESS

(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.)

IMPORTANT INFORMATION: This wiring diagram schematic is for all models equipped with the following engines: Briggs & Stratton Commercial Turf, Briggs & Stratton Professional Series, and Kawasaki FS, **WITH THE EXCEPTION OF** the Kawasaki FS equipped model 5901222 and 5901223. For 5901222 and 5901223 this schematic reflects the serial number range 2016277577 & above. **ON MODELS WITH KAWASAKI ENGINES IN S/N: 2017301892 & BELOW:** The main wire harness plugged directly into the engine.



The above parts group applies to the following Mfg. Nos.:

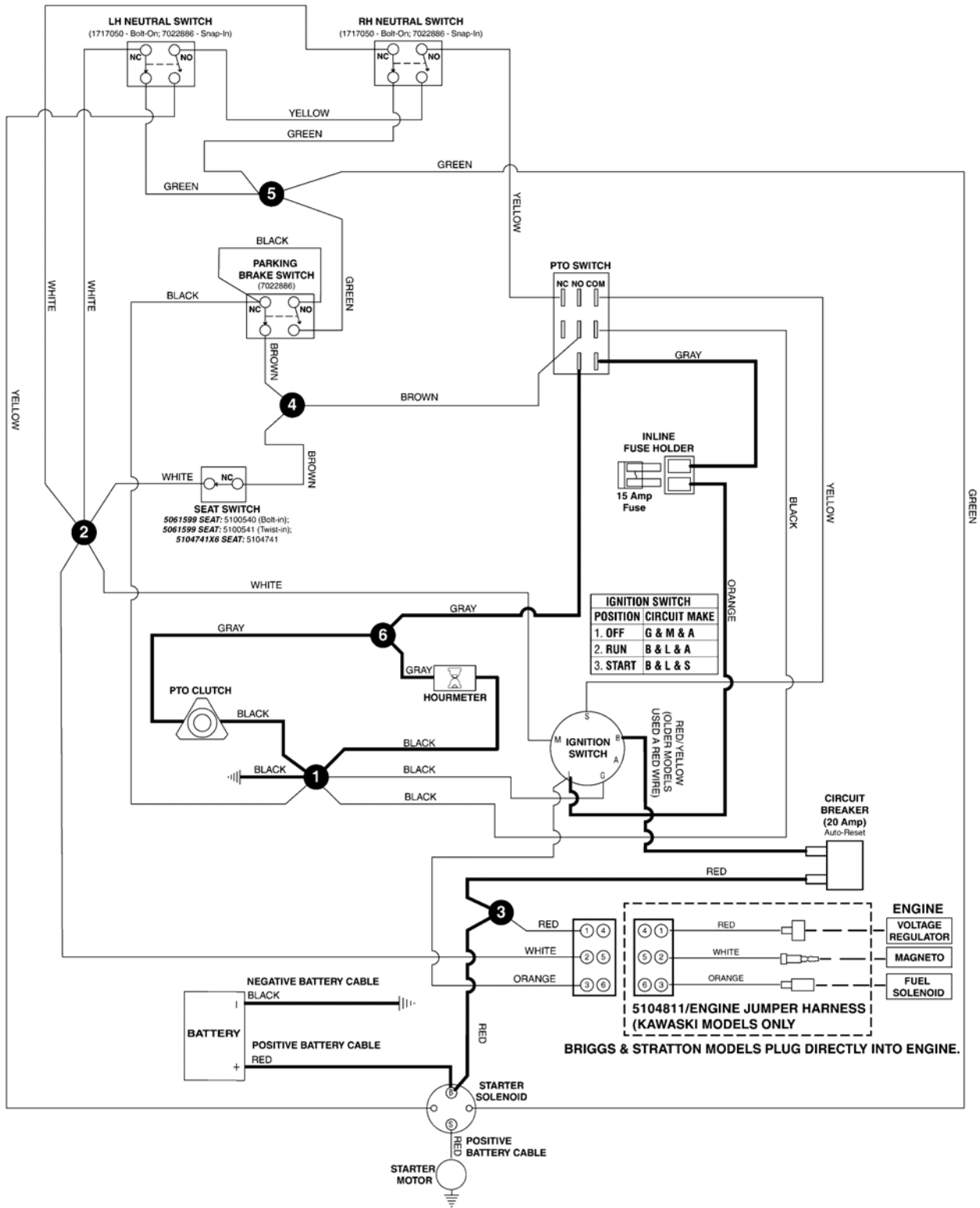
5901310 - IS	5901386 - IS	5901266 - IS
5901242 - IS	5901387 - IS	5901264 - IS
5901243 - IS	5901388 - IS	
5901214 - IS	5901224 - IS	
5901215 - IS	5901225 - IS	
5901385 - IS	5901265 - IS	

Electrical Schematic - PTO Clutch Circuit - S/N: 2017612394 & Below

5410289 / MAIN WIRE HARNESS

(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.)

IMPORTANT INFORMATION: This wiring diagram schematic is for all models equipped with the following engines: Briggs & Stratton Commercial Turf, Briggs & Stratton Professional Series, and Kawasaki FS, **WITH THE EXCEPTION OF** the Kawasaki FS equipped model 5901222 and 5901223. For 5901222 and 5901223 this schematic reflects the serial number range 2016277577 & above. **ON MODELS WITH KAWASAKI ENGINES IN S/N: 2017301892 & BELOW:** The main wire harness plugged directly into the engine.



The above parts group applies to the following Mfg. Nos.:

5901310 - IS	5901386 - IS	5901266 - IS
5901242 - IS	5901387 - IS	5901264 - IS
5901243 - IS	5901388 - IS	
5901214 - IS	5901224 - IS	
5901215 - IS	5901225 - IS	
5901385 - IS	5901265 - IS	

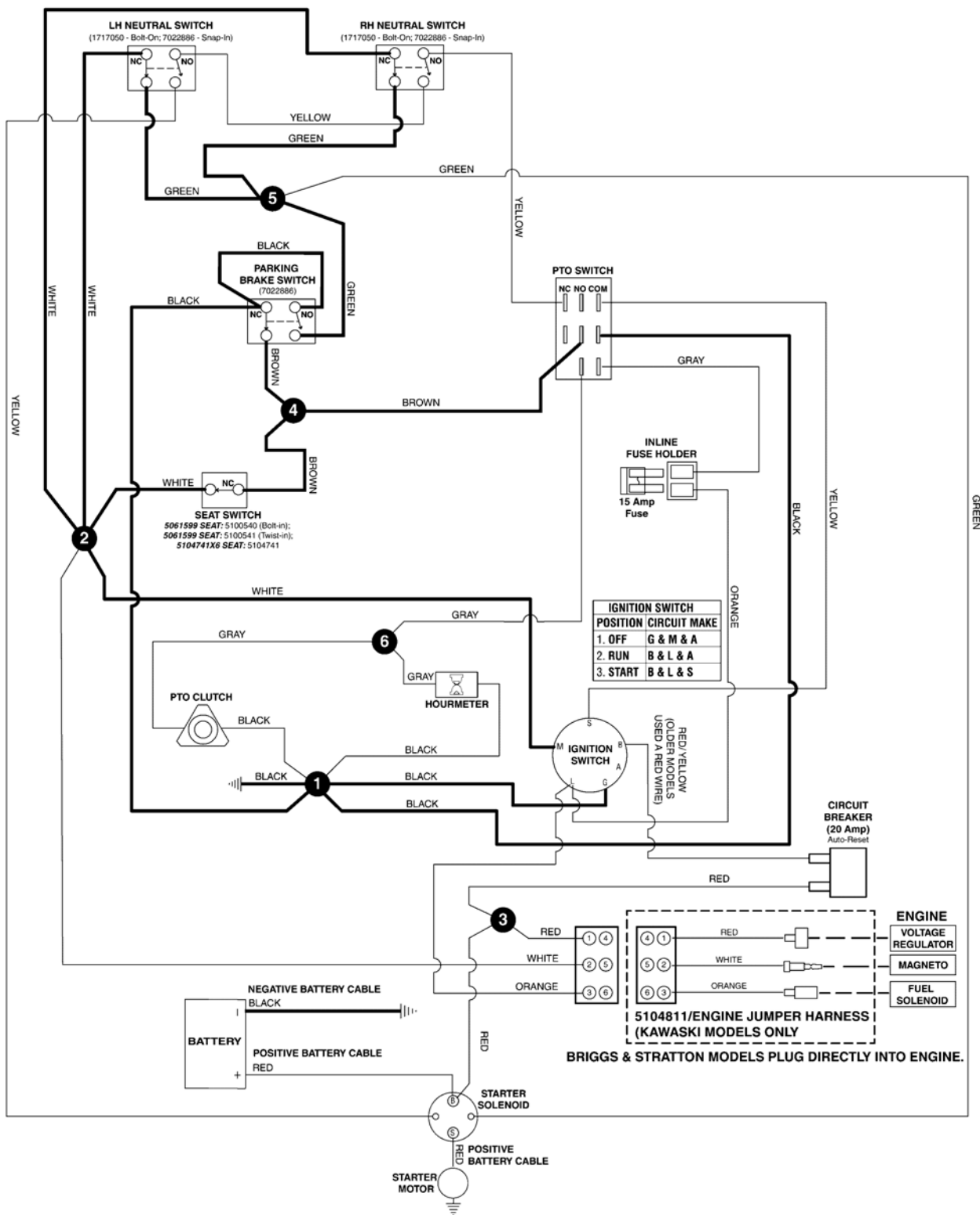
Electrical Schematic - Ign. Grounding Circuit/Op. Pres. - S/N: 2017612394 & Below

5410289 / MAIN WIRE HARNESS

(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.)

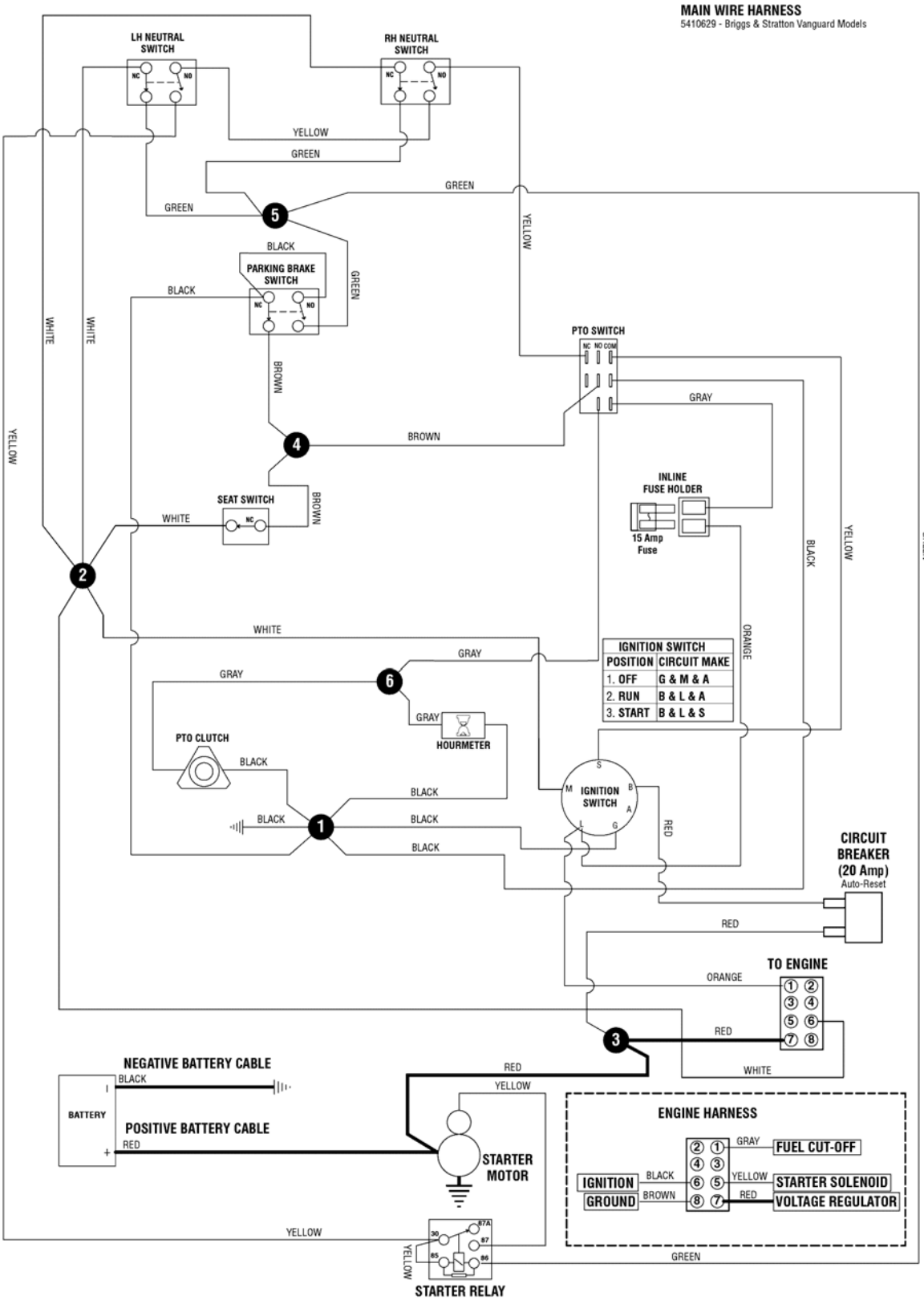
IMPORTANT INFORMATION: This wiring diagram schematic is for all models equipped with the following engines: Briggs & Stratton Commercial Turf, Briggs & Stratton Professional Series, and Kawasaki FS, **WITH THE EXCEPTION OF** the Kawasaki FS equipped model 5901222 and 5901223. For 5901222 and 5901223 this schematic reflects the serial number range 2016277577 & above.

ON MODELS WITH KAWASAKI ENGINES IN S/N: 2017301892 & BELOW: The main wire harness plugged directly into the engine.



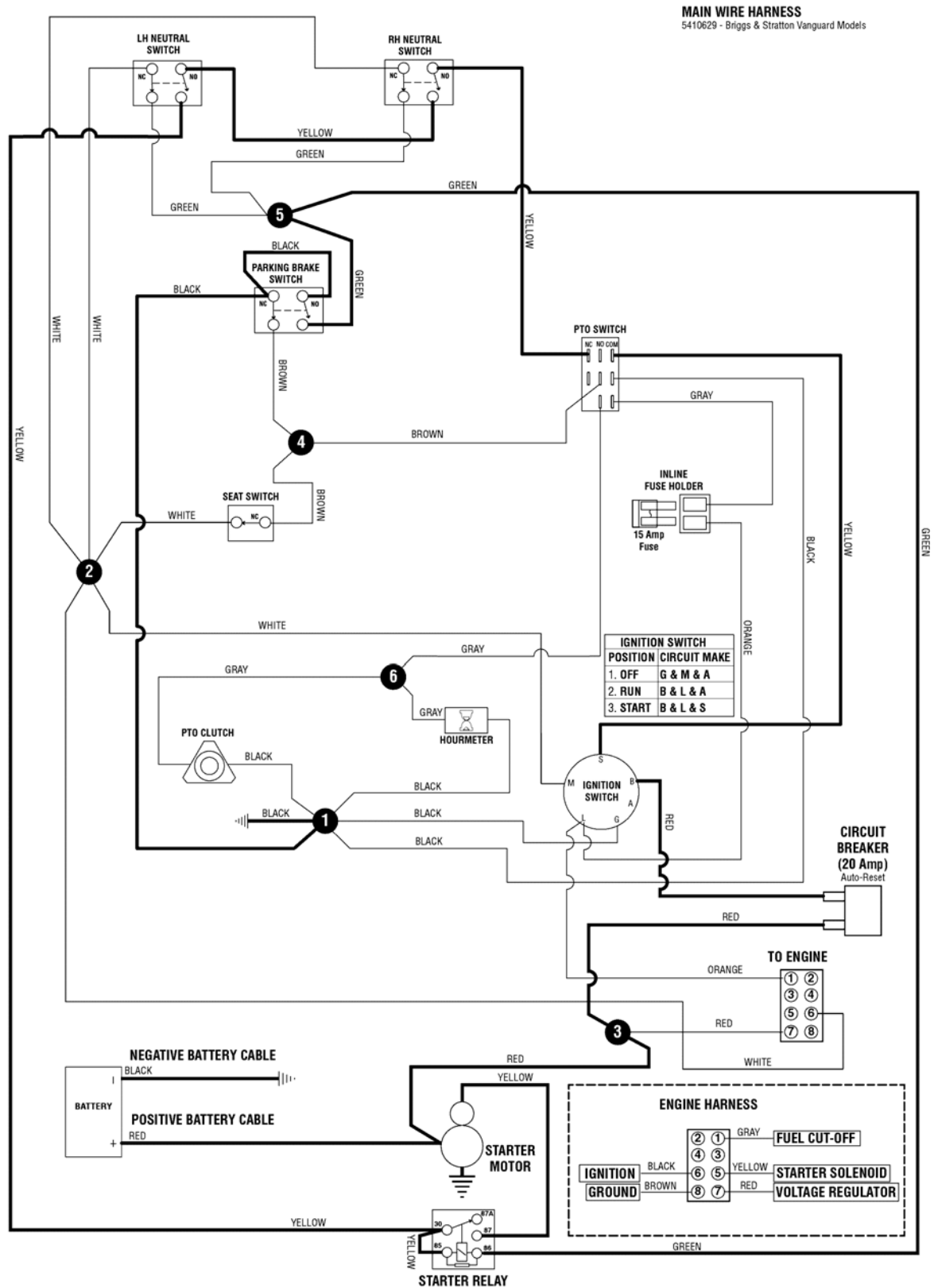
The above parts group applies to the following Mfg. Nos.:

5901310 - IS	5901386 - IS	5901266 - IS
5901242 - IS	5901387 - IS	5901264 - IS
5901243 - IS	5901388 - IS	
5901214 - IS	5901224 - IS	
5901215 - IS	5901225 - IS	
5901385 - IS	5901265 - IS	



5901226 - IS

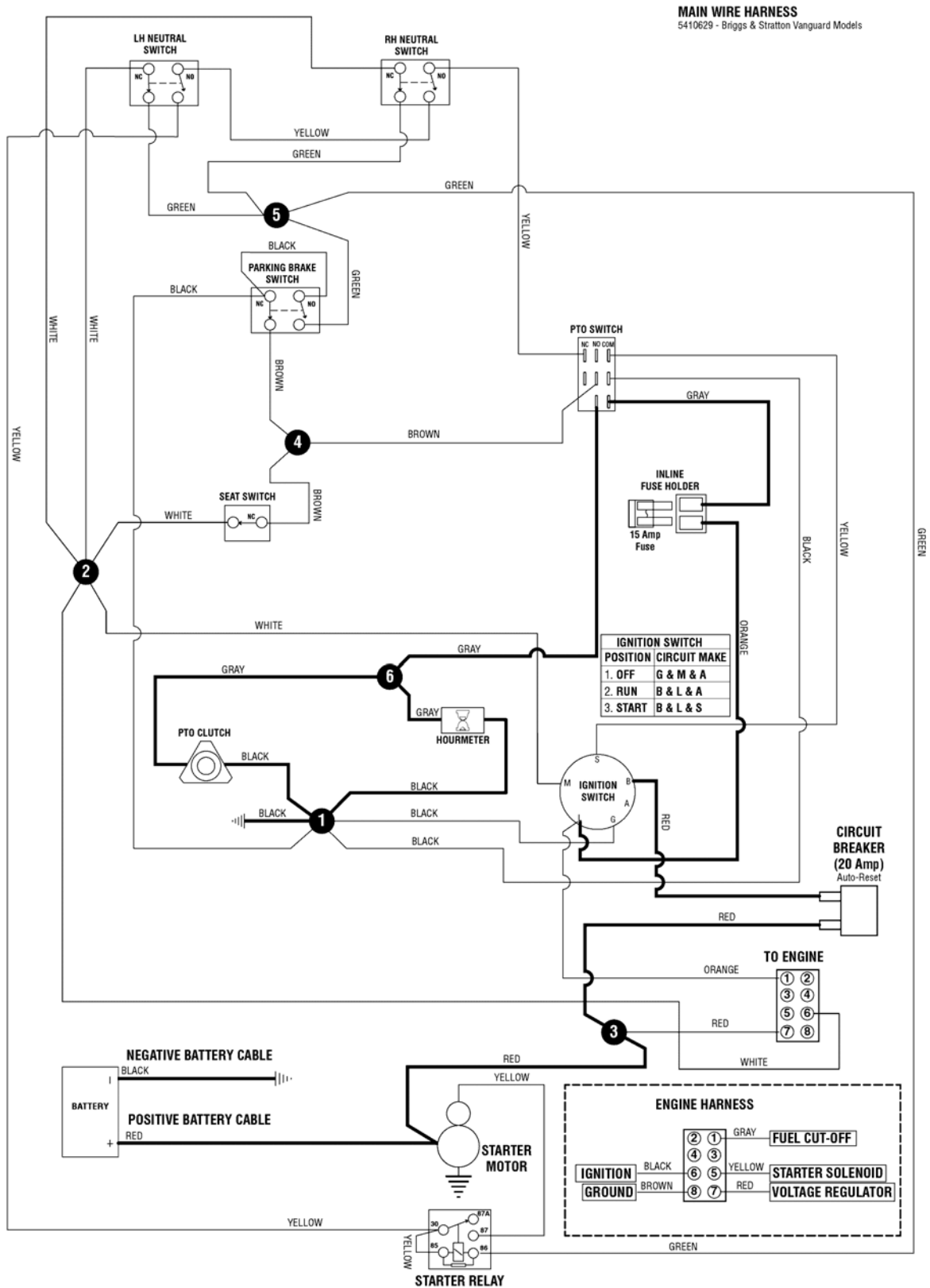
Electrical Schematic - Cranking Circuit - B&S 541777 Vanguard



The above parts group applies to the following Mfg. Nos.:

5901226 - IS

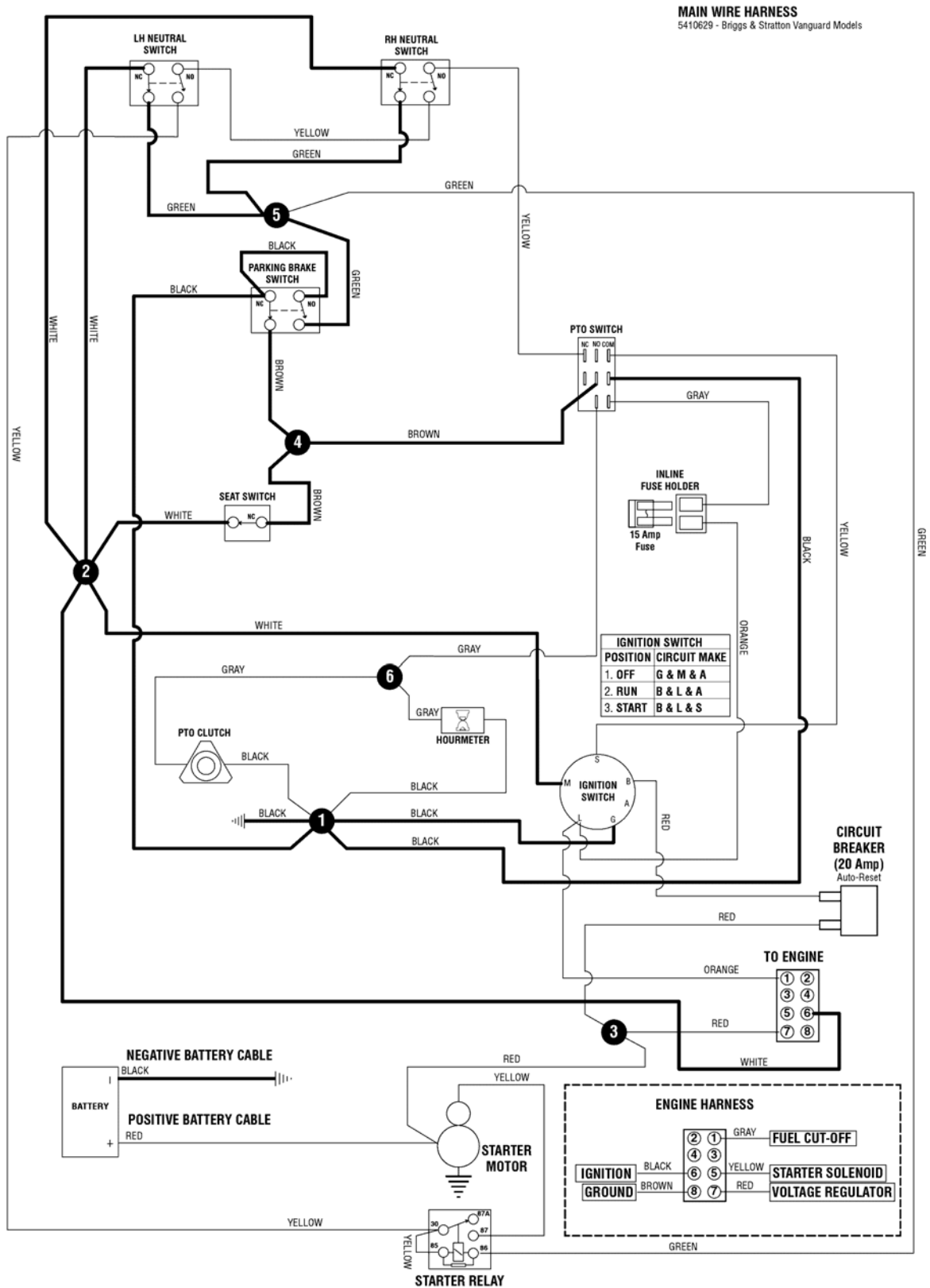
Electrical Schematic - PTO Clutch Circuit - B&S 541777 Vanguard



The above parts group applies to the following Mfg. Nos.:

5901226 - IS

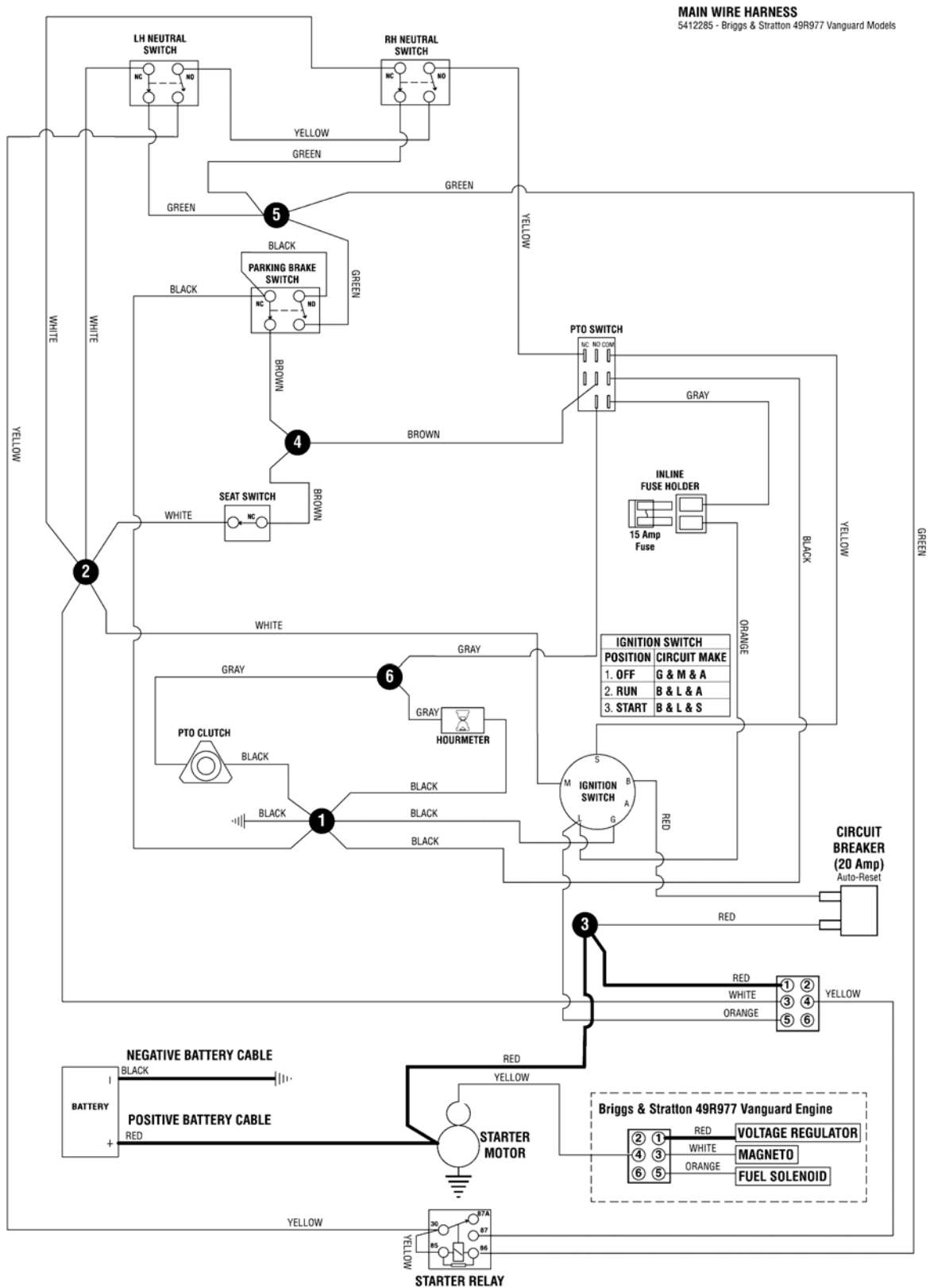
Electrical Schematic - Ign. Ground Circuit/Op. Pres. - B&S 541777 Vanguard



The above parts group applies to the following Mfg. Nos.:

5901226 - IS

Electrical Schematic - Charging Circuit - B&S 49R977 Vanguard S/N: 2017612394 & Below

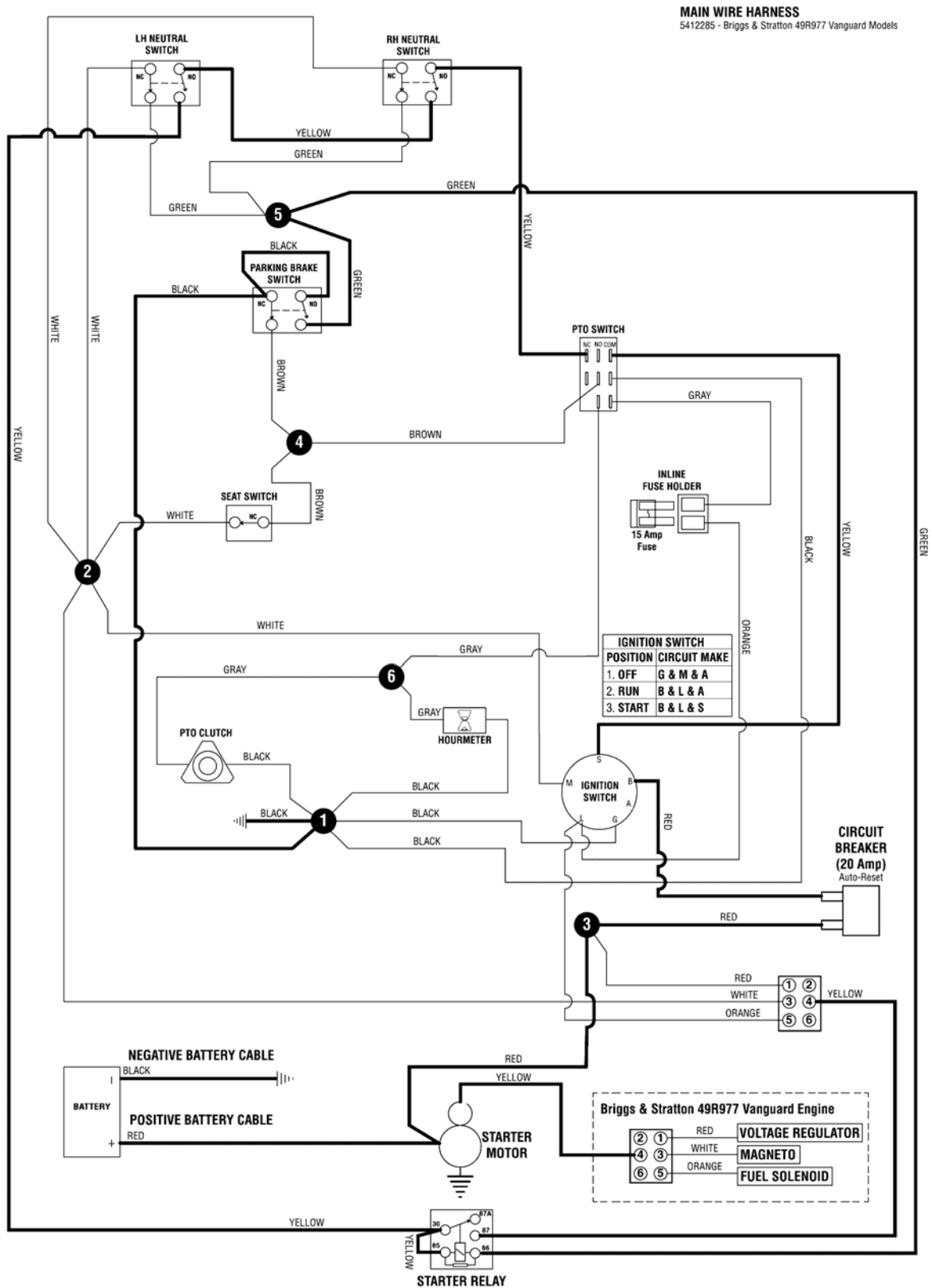


The above parts group applies to the following Mfg. Nos.:

5901308 - IS

5901394 - IS

Electrical Schematic - Cranking Circuit - B&S 49R977 Vanguard S/N: 2017612394 & Below

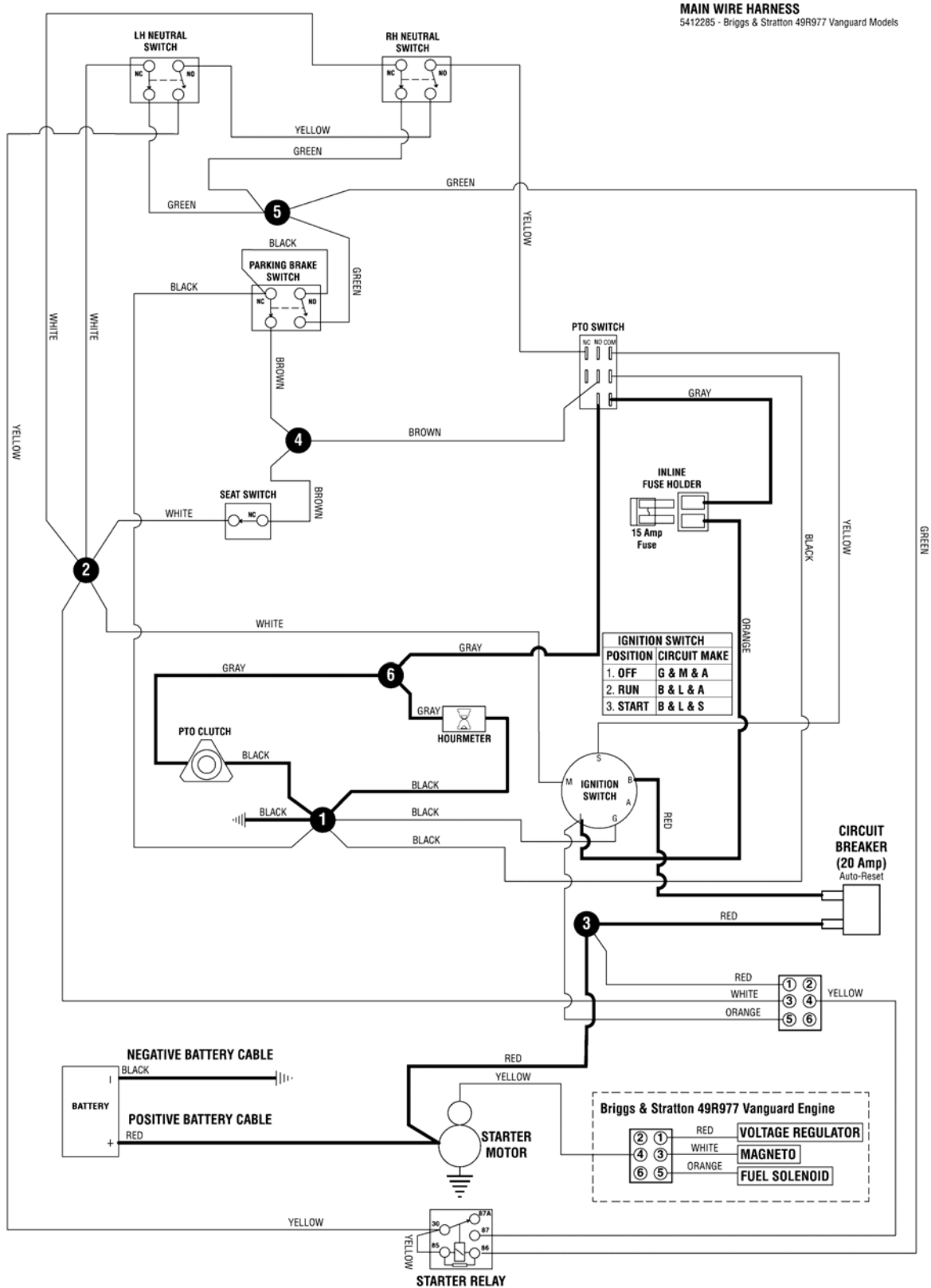


The above parts group applies to the following Mfg. Nos.:

5901308 - IS
5901394 - IS

Electrical Schematic - PTO Clutch Circuit - B&S 49R977 Vanguard S/N: 2017612394 &

Below



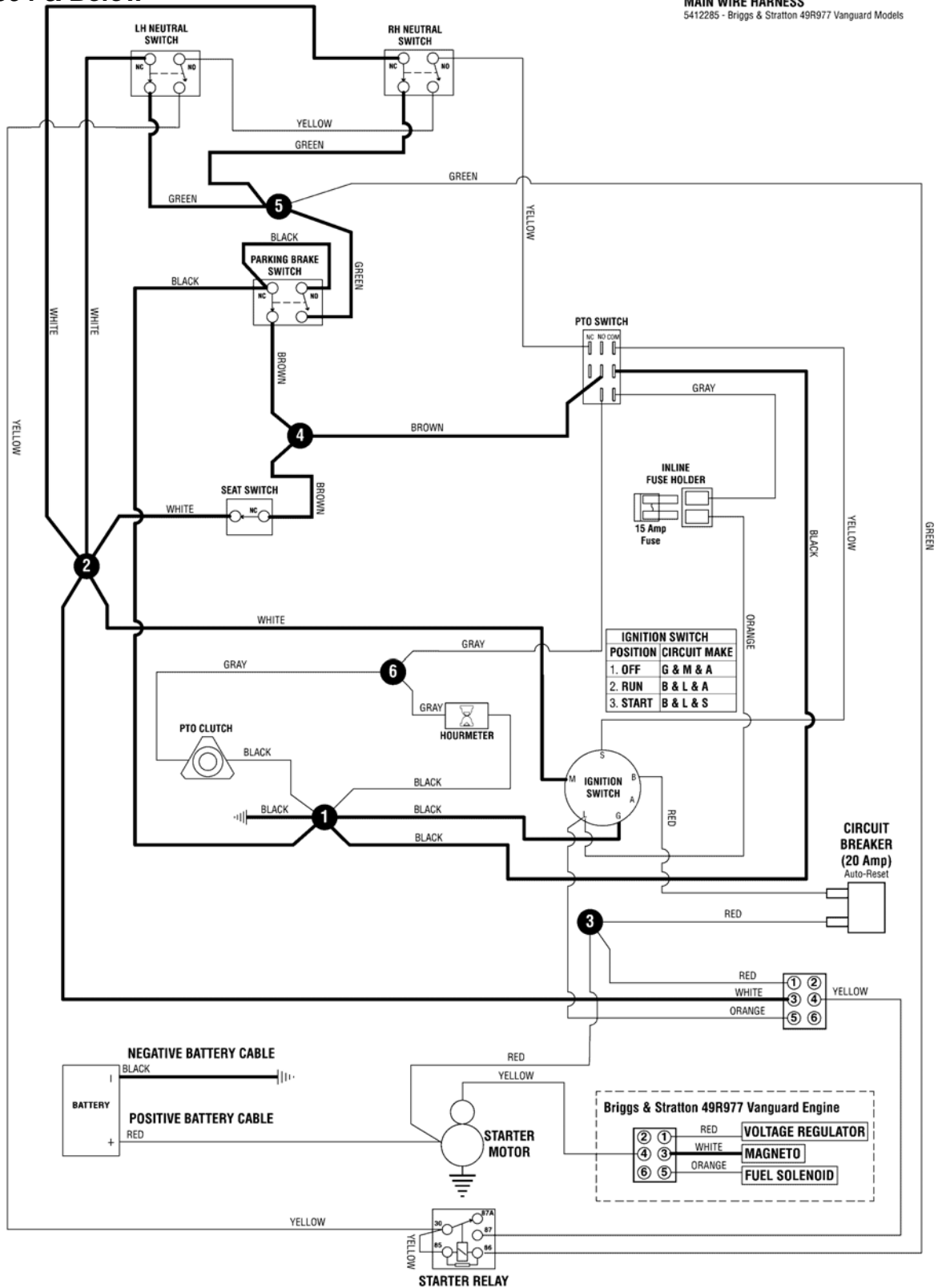
The above parts group applies to the following Mfg. Nos.:

5901308 - IS
5901394 - IS

Electrical Schematic - Ign. Ground Circuit/Op. Pres. - B&S 49R977 Vanguard S/N:

2017612394 & Below

MAIN WIRE HARNESS
5412285 - Briggs & Stratton 49R977 Vanguard Models



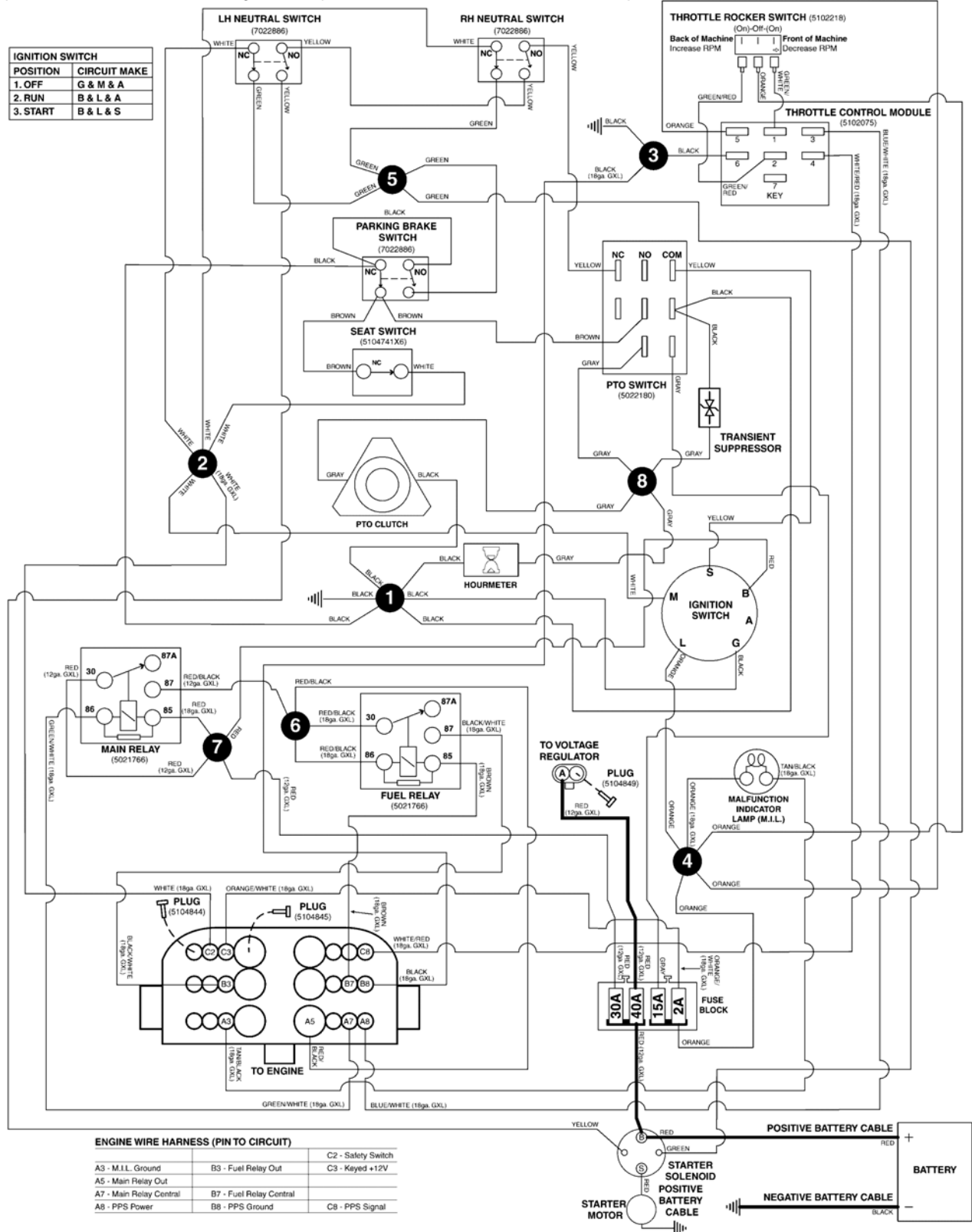
The above parts group applies to the following Mfg. Nos.:

5901308 - IS
5901394 - IS

Electrical Schematic - Charging Circuit - Kawasaki Fuel Injected S/N: 2017549125 & Below

5414577 / MAIN WIRE HARNESS - KAWASAKI FUEL INJECTED ENGINES

(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.)



The above parts group applies to the following Mfg. Nos.:

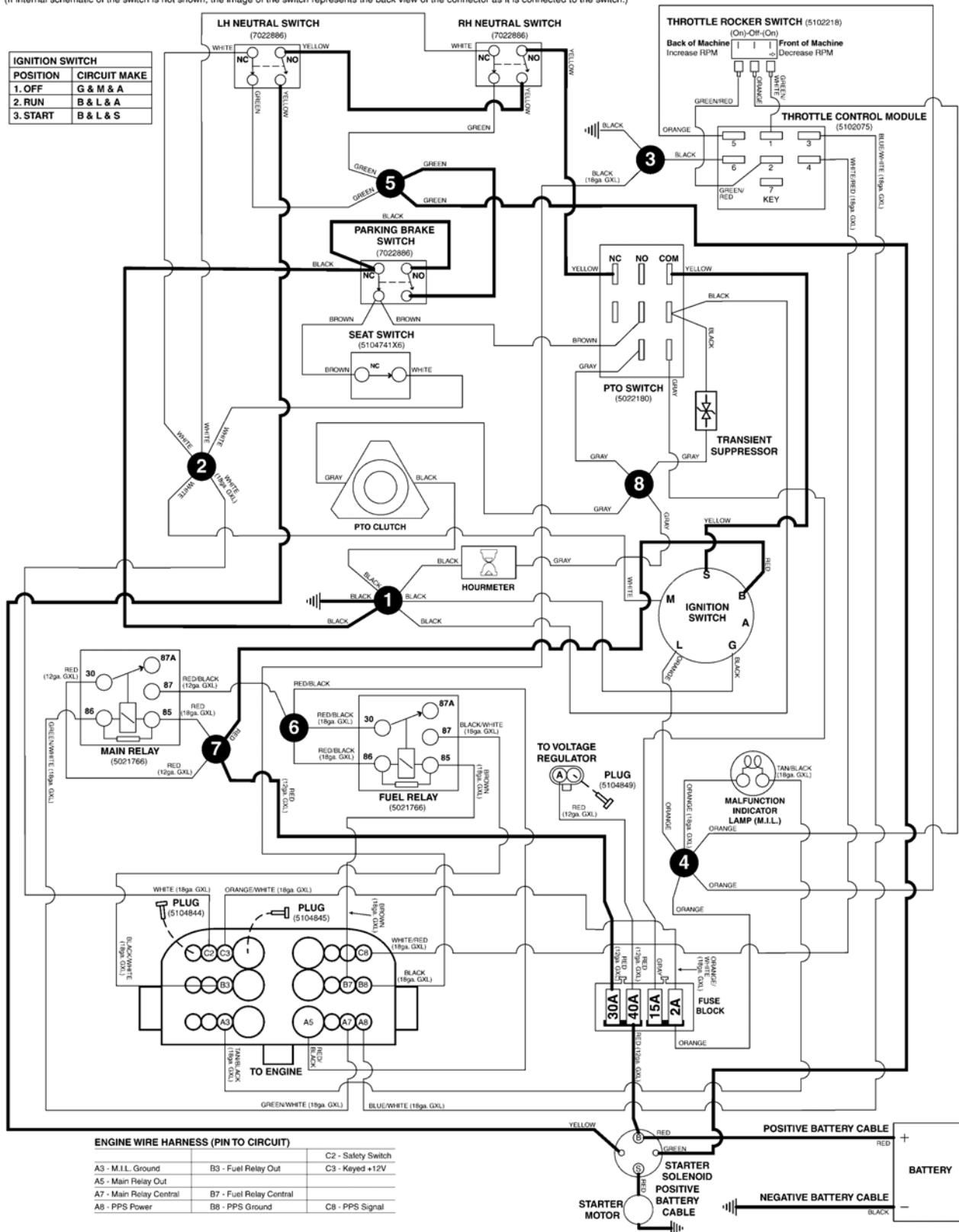
5901538 - IS

5901505 - IS

Electrical Schematic - Cranking Circuit - Kawasaki Fuel Injected S/N: 2017549125 & Below

5414577 / MAIN WIRE HARNESS - KAWASAKI FUEL INJECTED ENGINES

(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.)



The above parts group applies to the following Mfg. Nos.:

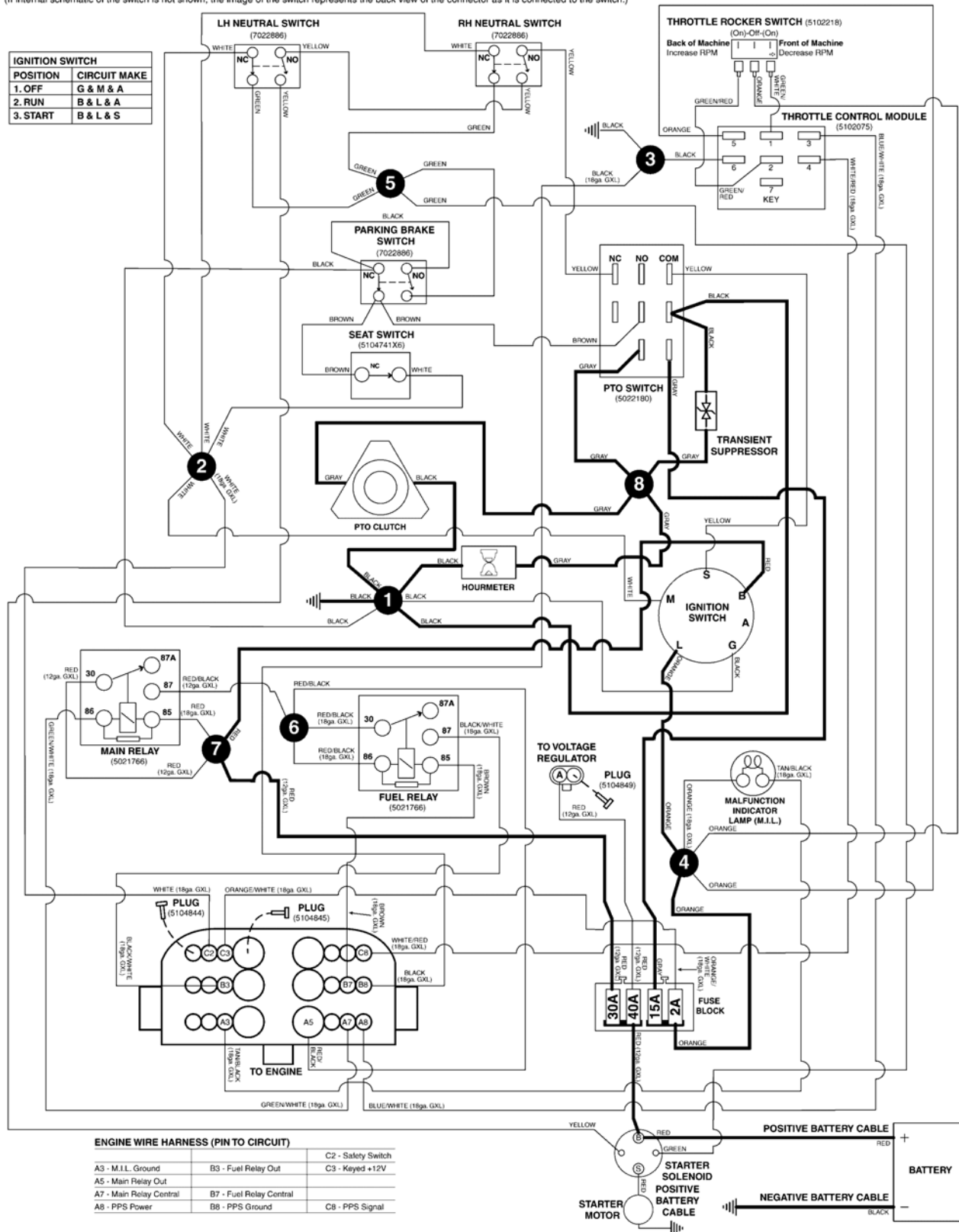
5901538 - IS

5901505 - IS

Electrical Schematic - PTO Clutch Circuit - Kawasaki Fuel Injected S/N: 2017549125 &

Below 14577 / MAIN WIRE HARNESS - KAWASAKI FUEL INJECTED ENGINES

(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.)



The above parts group applies to the following Mfg. Nos.:

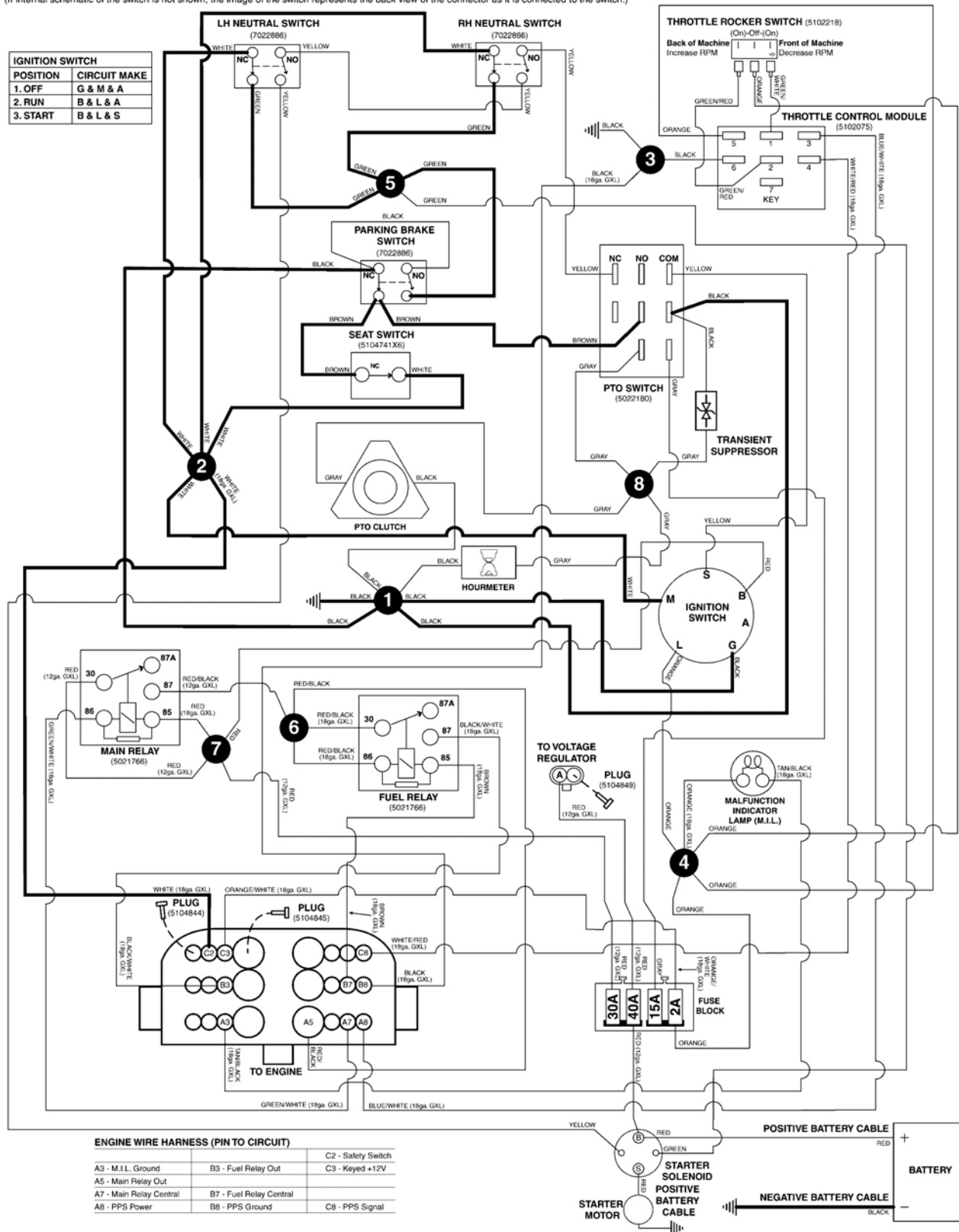
5901538 - IS

5901505 - IS

Electrical Schematic - Ign. Grounding Circuit/Op. Pres. - Kawasaki Fuel Injected S/N:

2017549125 & ABOVE HARNESS - KAWASAKI FUEL INJECTED ENGINES

(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.)



The above parts group applies to the following Mfg. Nos.:

5901538 - IS

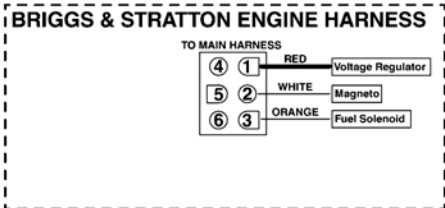
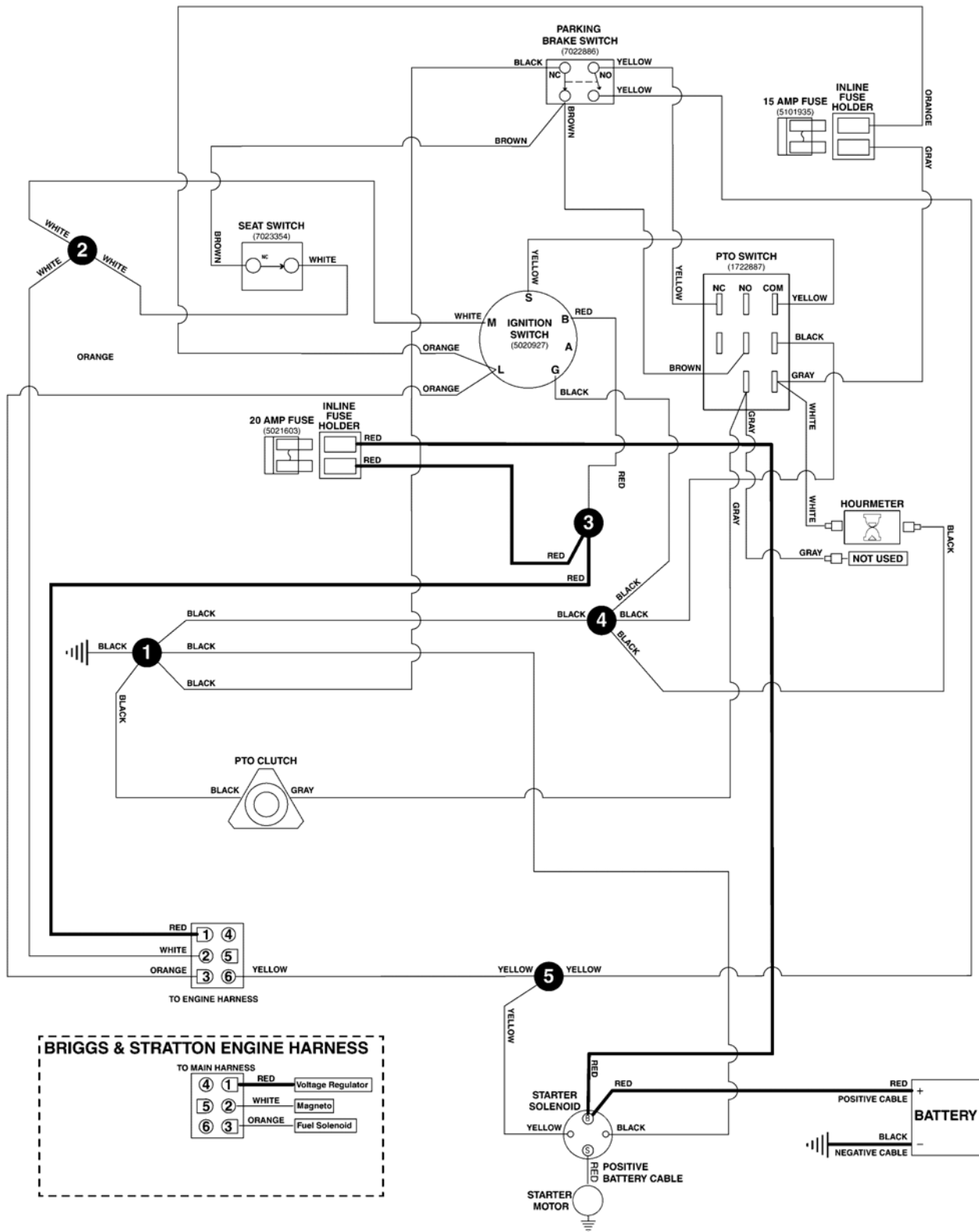
5901505 - IS

Electrical Schematic - Charging Circuit - B&S S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 44T977, 49T877 ENGINES

5416016A

(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.)



The above parts group applies to the following Mfg. Nos.:

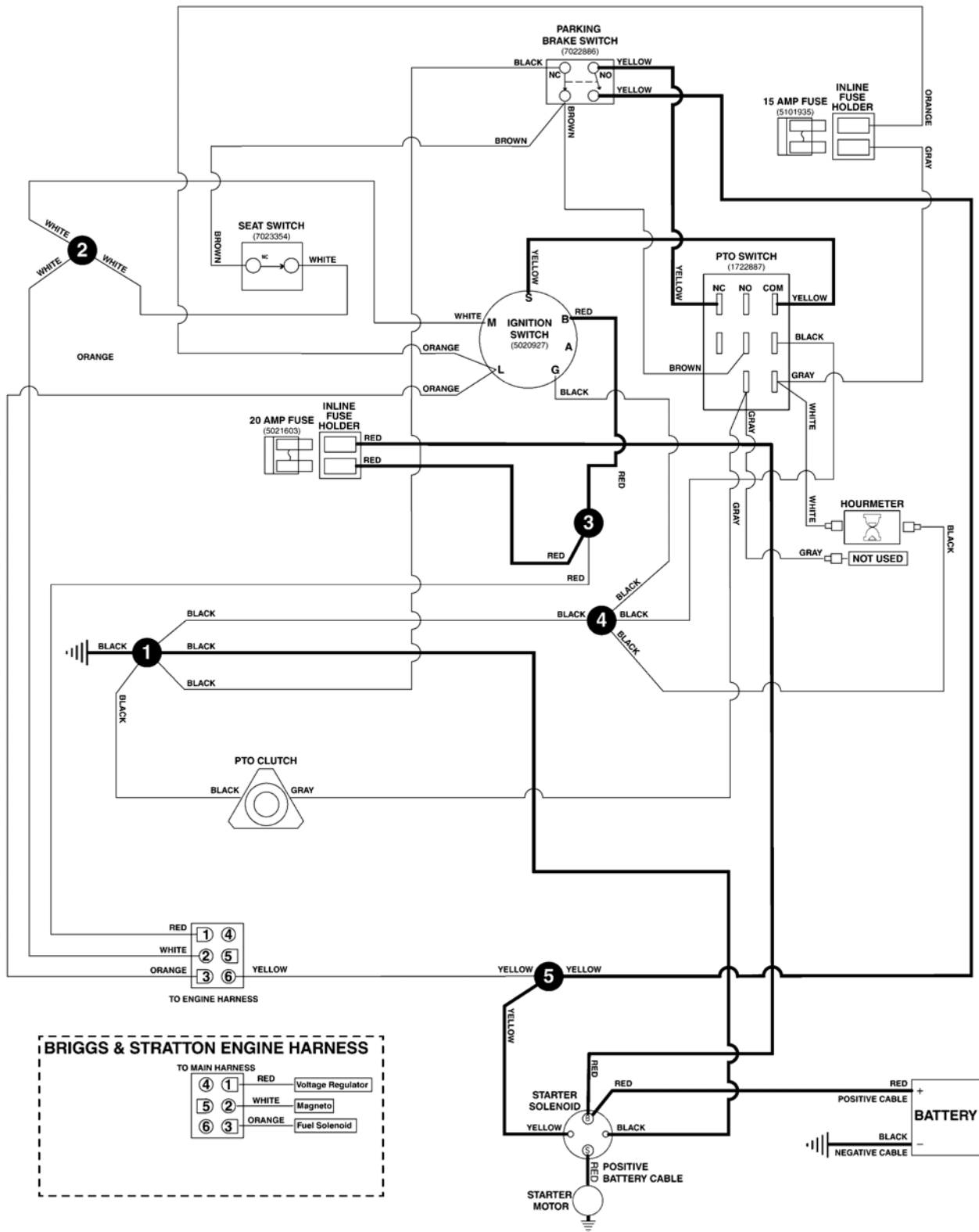
- 5901310 - IS
- 5901385 - IS
- 5901387 - IS
- 5901265 - IS
- 5901266 - IS
- 5901264 - IS

Electrical Schematic - Cranking Circuit - B&S S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 44T977, 49T877 ENGINES

5416016A

(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.)



The above parts group applies to the following Mfg. Nos.:

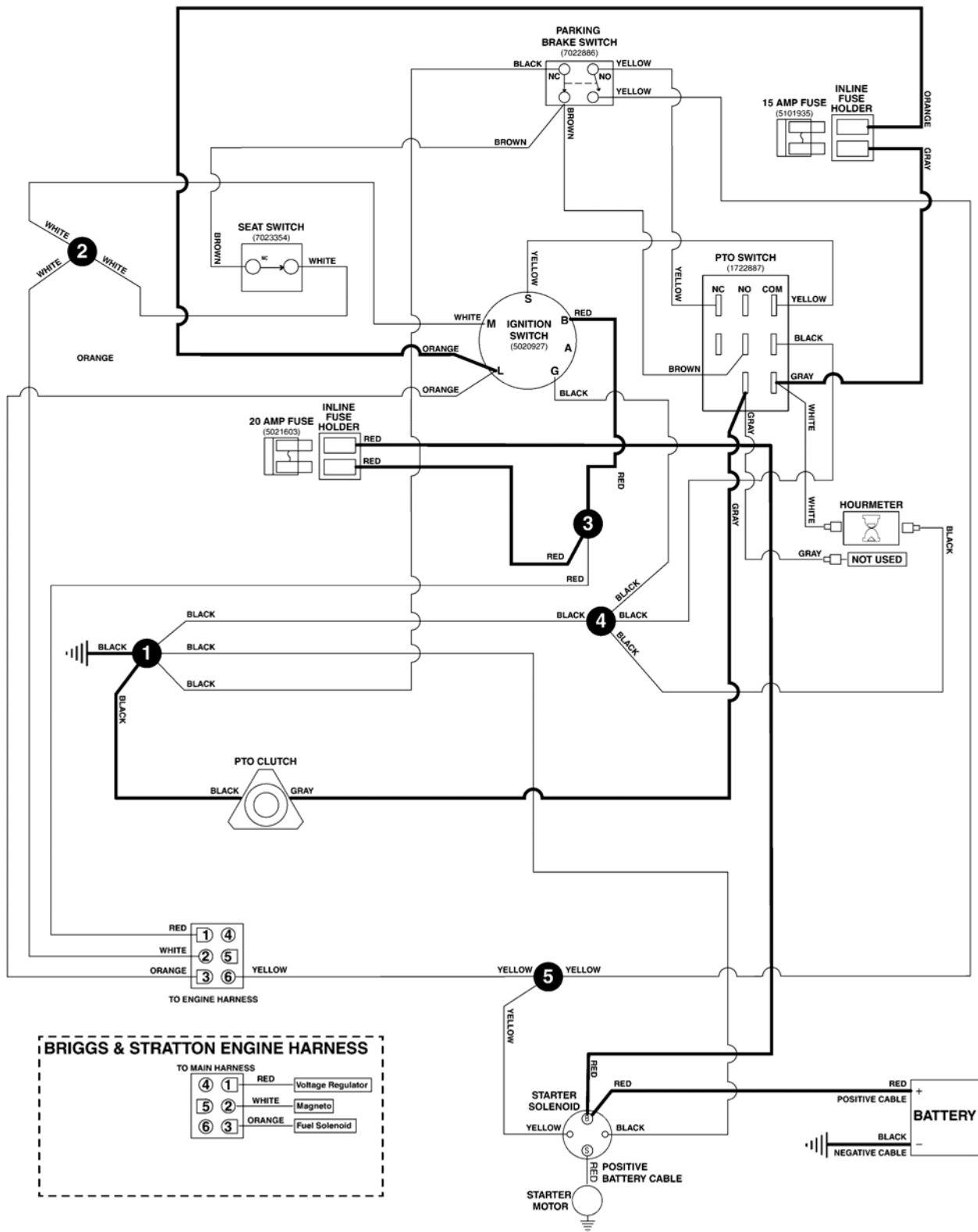
- 5901310 - IS
- 5901385 - IS
- 5901387 - IS
- 5901265 - IS
- 5901266 - IS
- 5901264 - IS

Electrical Schematic - PTO Clutch Circuit - B&S S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 44T977, 49T877 ENGINES

5416016A

(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.)



The above parts group applies to the following Mfg. Nos.:

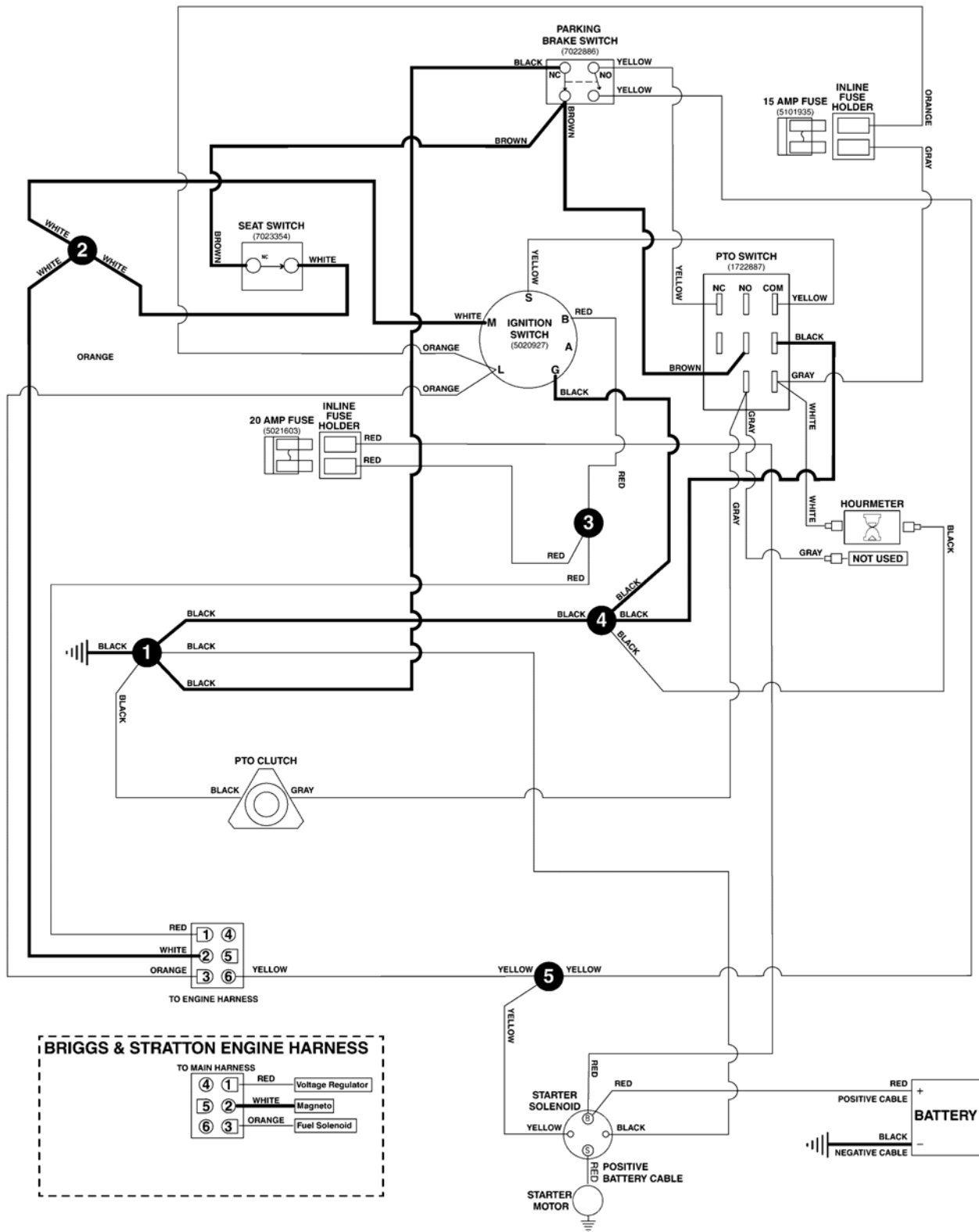
5901310 - IS
 5901385 - IS
 5901387 - IS
 5901265 - IS
 5901266 - IS
 5901264 - IS

Electrical Schematic - Ign. Grounding Circuit/Op. Pres. - B&S S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 44T977, 49T877 ENGINES

5416016A

(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.)



The above parts group applies to the following Mfg. Nos.:

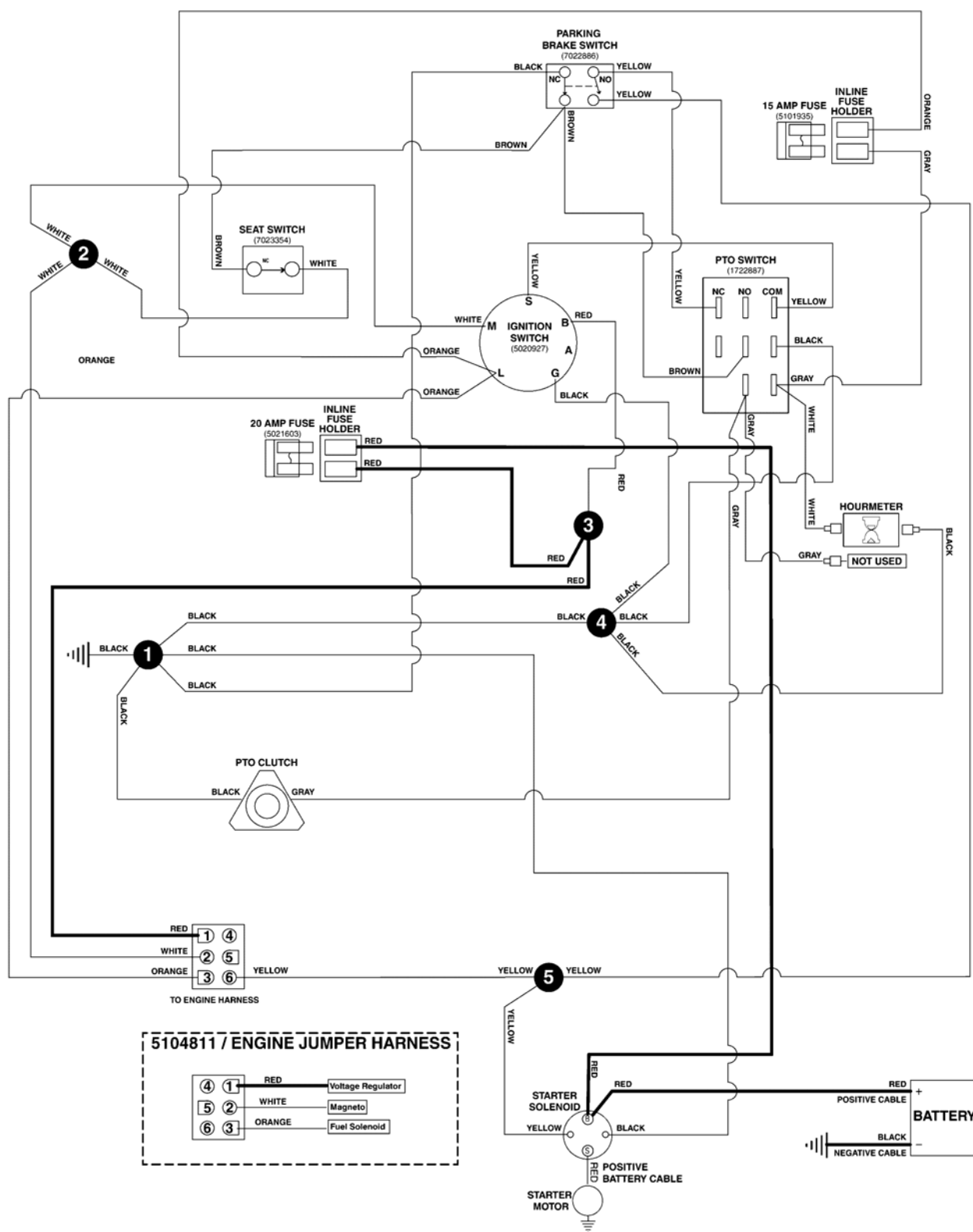
- 5901310 - IS
- 5901385 - IS
- 5901387 - IS
- 5901265 - IS
- 5901266 - IS
- 5901264 - IS

Electrical Schematic - Charging Circuit - Kawi S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - KAWI FR730V, FS600V, FS691V, FS730V ENGINES

5416016C

(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.)



The above parts group applies to the following Mfg. Nos.:

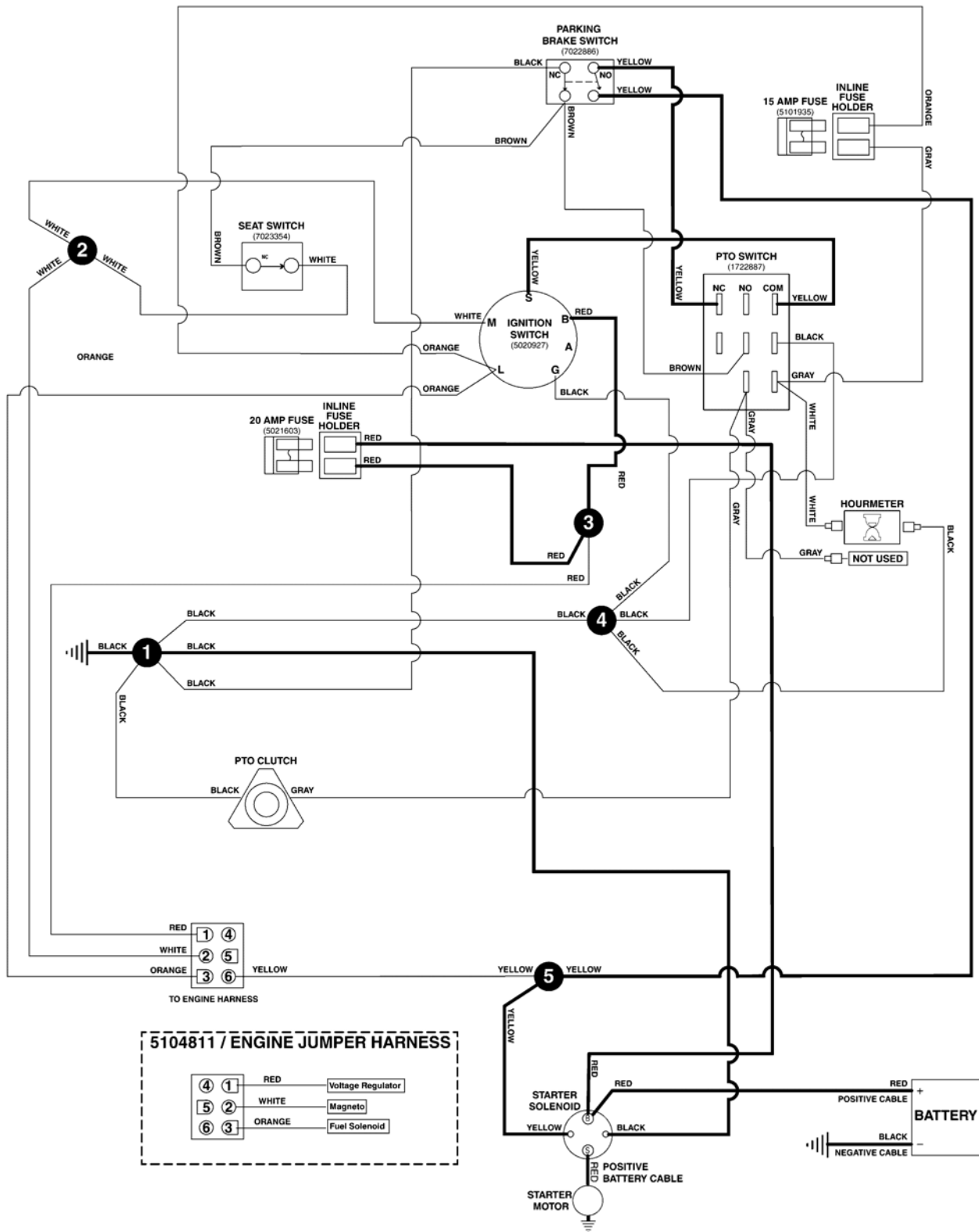
- 5901243 - IS
- 5901386 - IS
- 5901388 - IS
- 5901224 - IS
- 5901225 - IS

Electrical Schematic - Cranking Circuit - Kawi S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - KAWI FR730V, FS600V, FS691V, FS730V ENGINES

5416016C

(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.)



The above parts group applies to the following Mfg. Nos.:

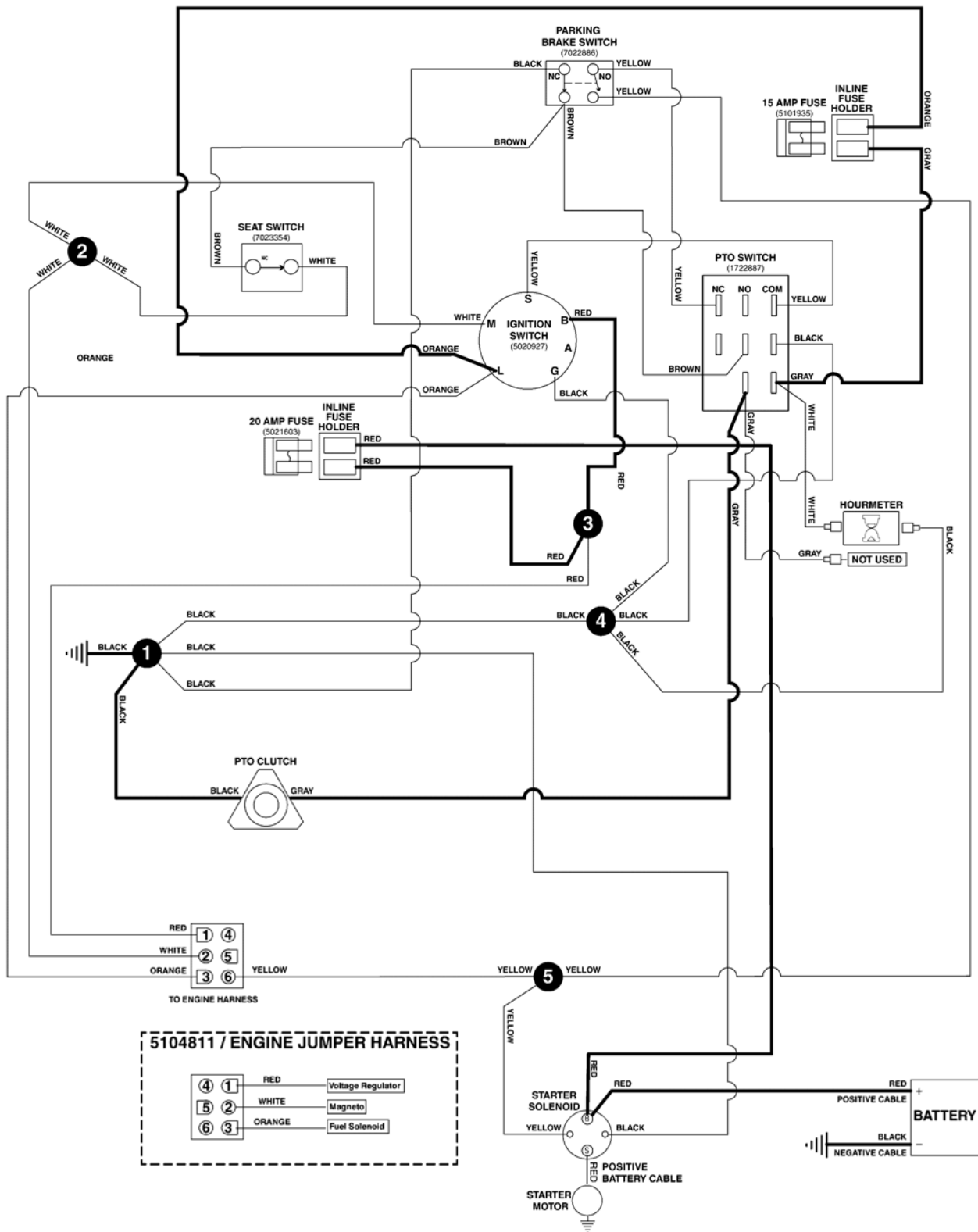
- 5901243 - IS
- 5901386 - IS
- 5901388 - IS
- 5901224 - IS
- 5901225 - IS

Electrical Schematic - PTO Clutch Circuit - Kawi S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - KAWI FR730V, FS600V, FS691V, FS730V ENGINES

5416016C

(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.)



The above parts group applies to the following Mfg. Nos.:

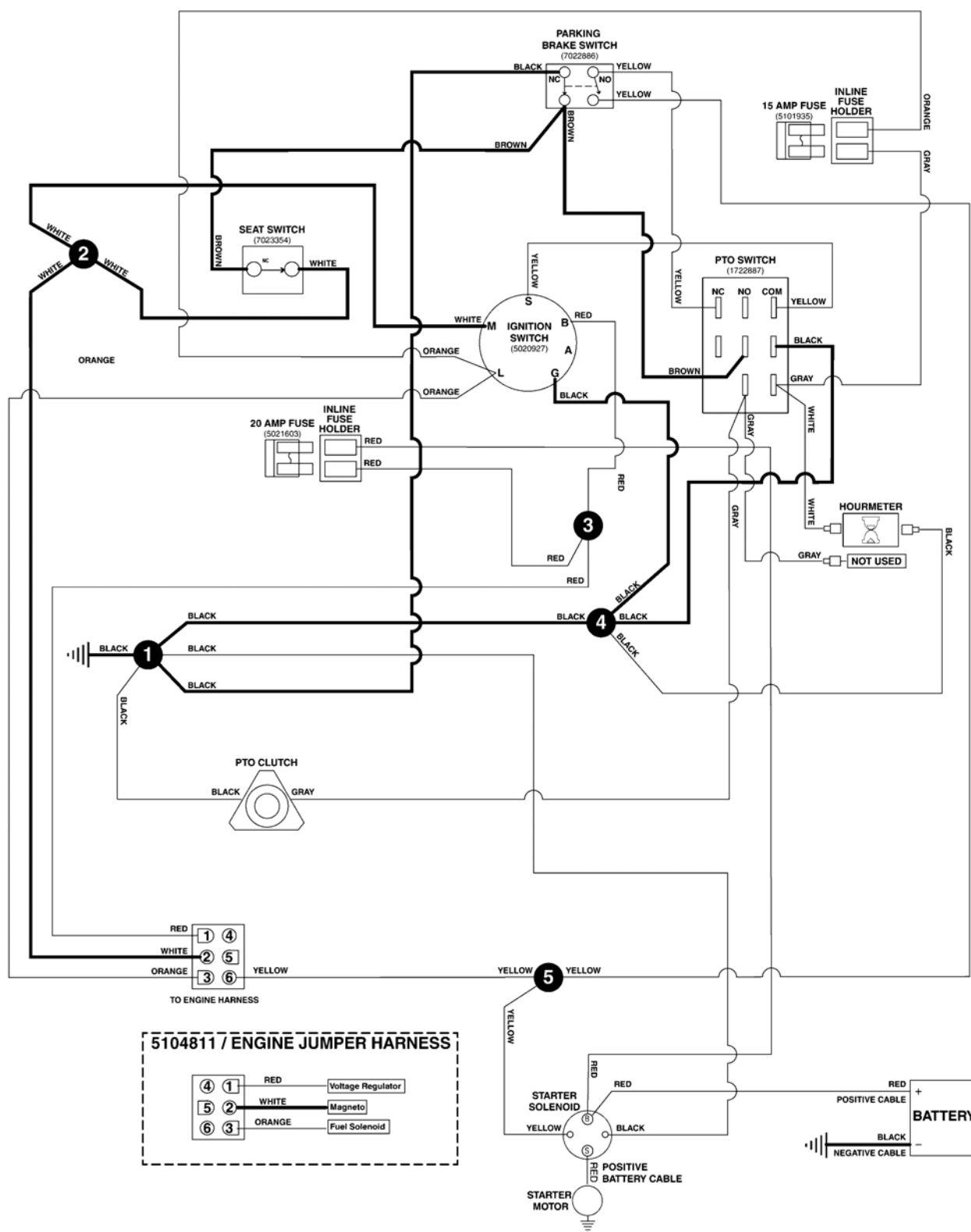
- 5901243 - IS
- 5901386 - IS
- 5901388 - IS
- 5901224 - IS
- 5901225 - IS

Electrical Schematic - Ign. Grounding Circuit/Op. Pres. - Kawi S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - KAWI FR730V, FS600V, FS691V, FS730V ENGINES

5416016C

(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.)



The above parts group applies to the following Mfg. Nos.:

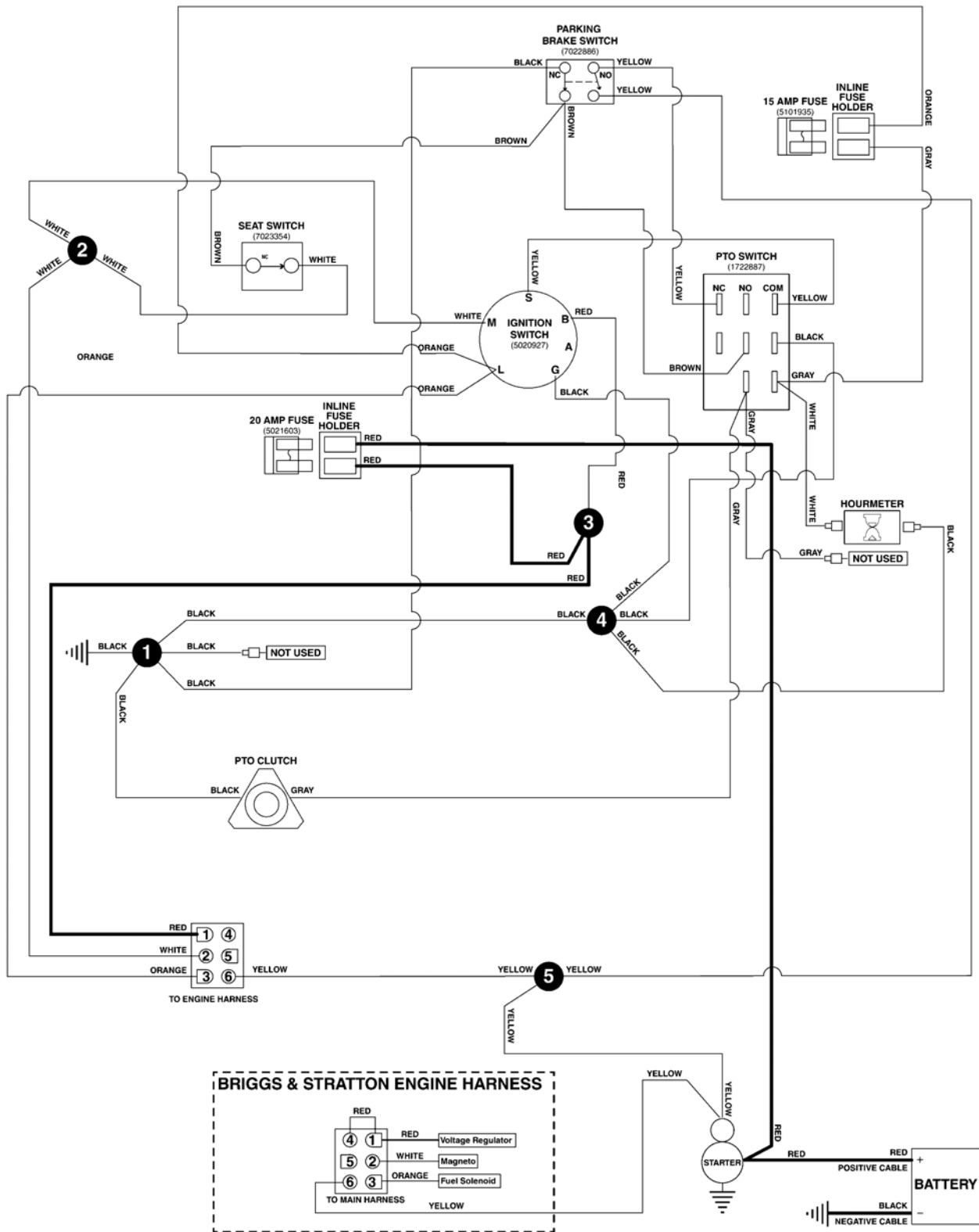
- 5901243 - IS
- 5901386 - IS
- 5901388 - IS
- 5901224 - IS
- 5901225 - IS

Electrical Schematic - Charging Circuit - B&S 49R977 Vanguard S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5416016D

(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.)



The above parts group applies to the following Mfg. Nos.:

5901308 - IS

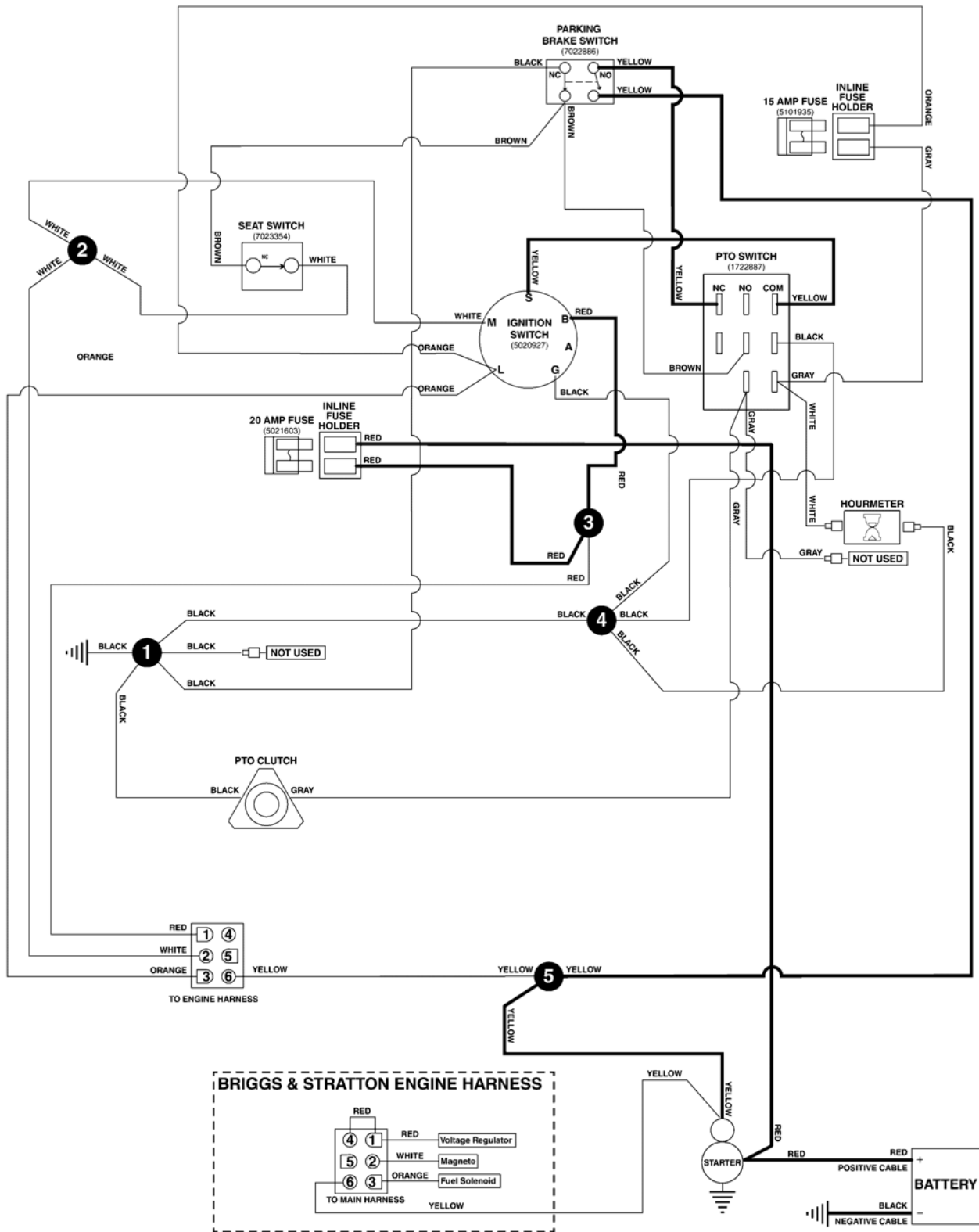
5901394 - IS

Electrical Schematic - Cranking Circuit - B&S 49R977 Vanguard S/N: 2017612395 & Above

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5416016D

(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.)



The above parts group applies to the following Mfg. Nos.:

5901308 - IS

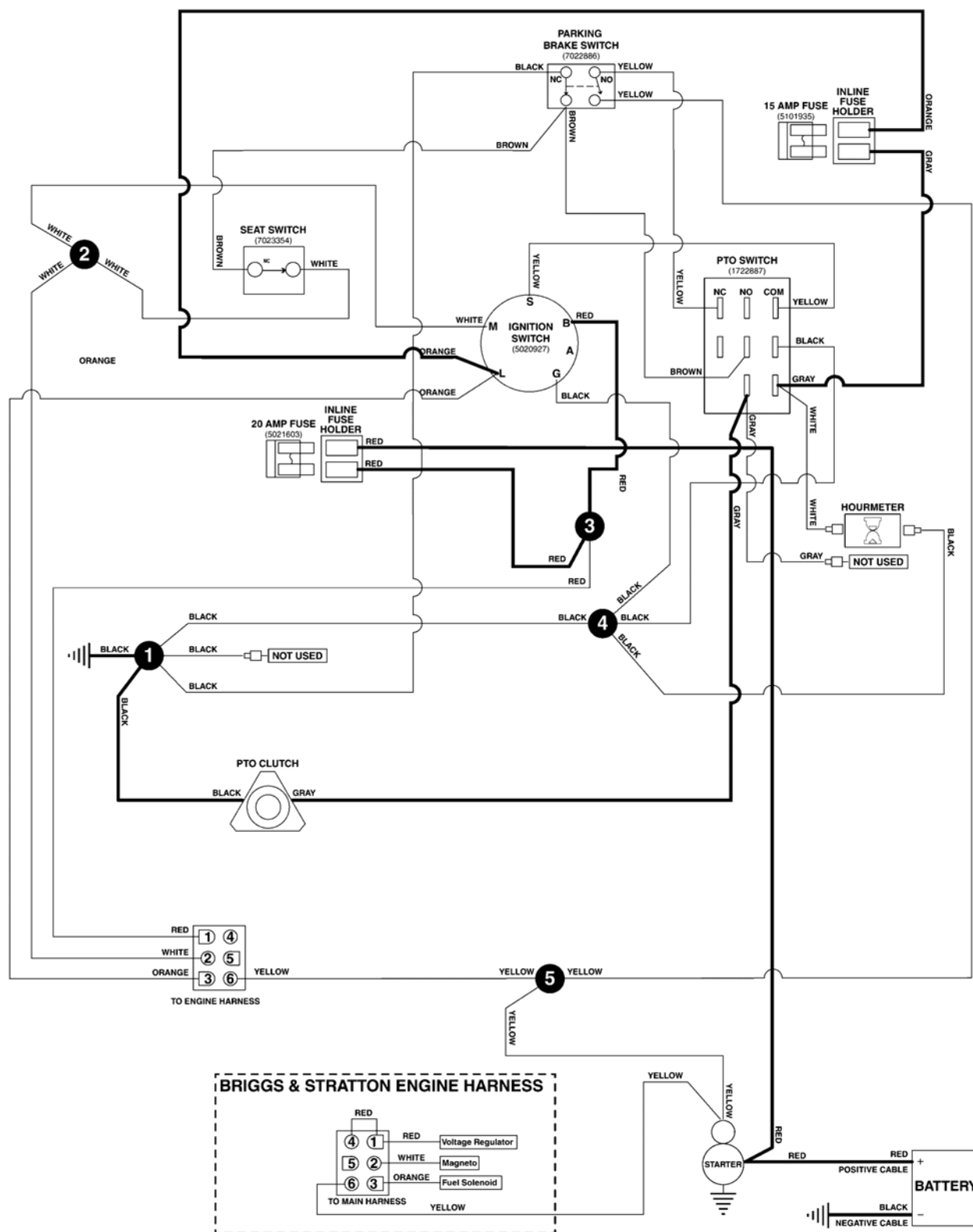
5901394 - IS

Electrical Schematic - PTO Clutch Circuit - B&S 49R977 Vanguard S/N: 2017612395 &

5416016 (5415589) MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5416016D

(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.)



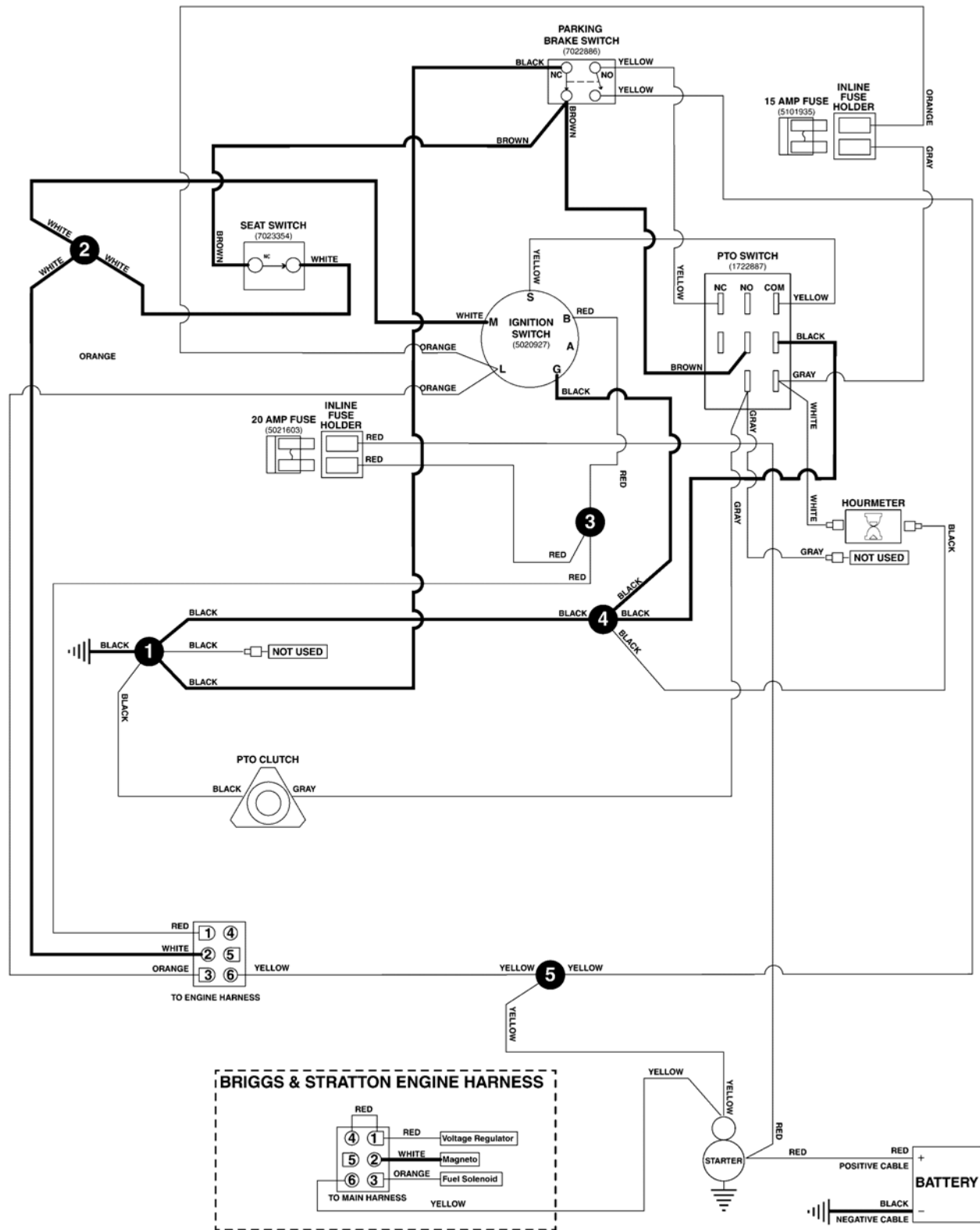
The above parts group applies to the following Mfg. Nos.:

5901308 - IS
5901394 - IS

Electrical Schematic - Ign. Ground Circuit/Op. Pres. - B&S 49R977 Vanguard S/N:

2017-01-29 15:41:28 (5412388) MAIN WIRE HARNESS - BRIGGS & STRATTON 49R977 ENGINES

5416016D



The above parts group applies to the following Mfg. Nos.:

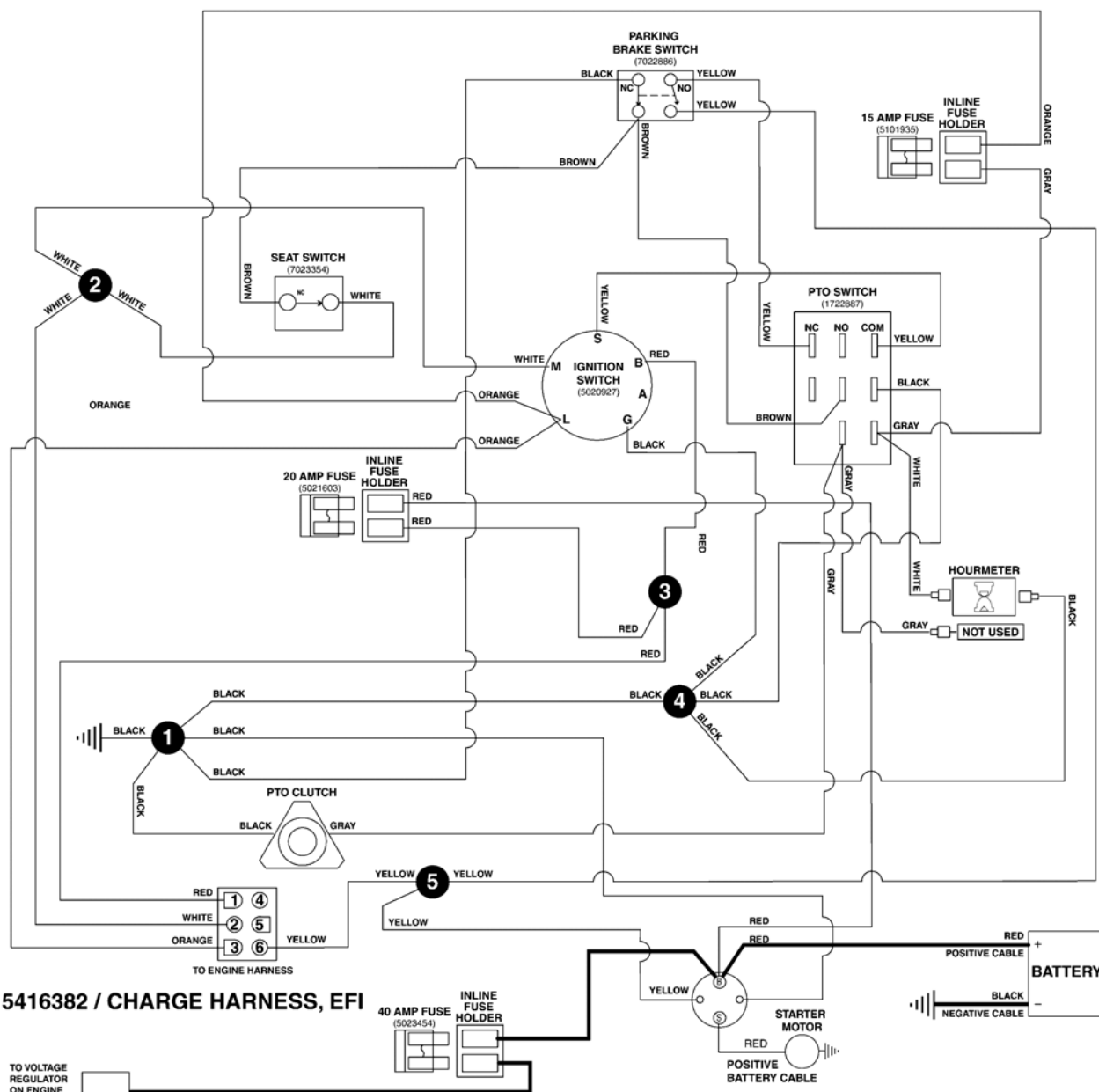
5901308 - IS
5901394 - IS

Electrical Schematic - Charging Circuit - Kawasaki Fuel Injected S/N: 2017549126 & Above

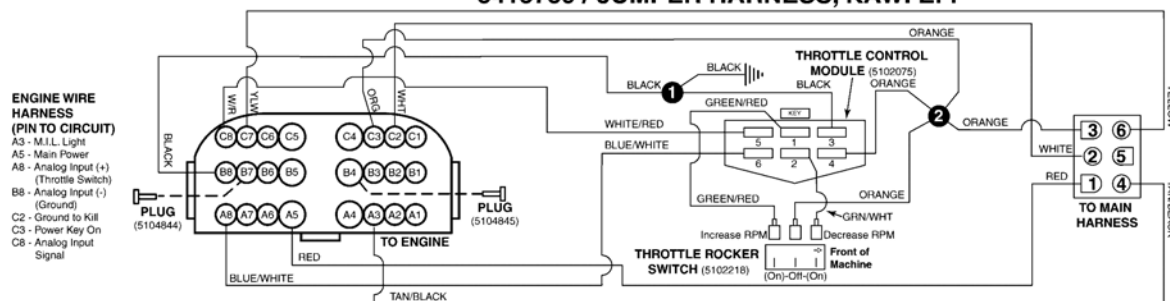
5416016 (5415589) MAIN WIRE HARNESS - KAWASAKI FS730V EFI ENGINES

5416016E

(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.)



5415759 / JUMPER HARNESS, KAWI EFI



The above parts group applies to the following Mfg. Nos.:

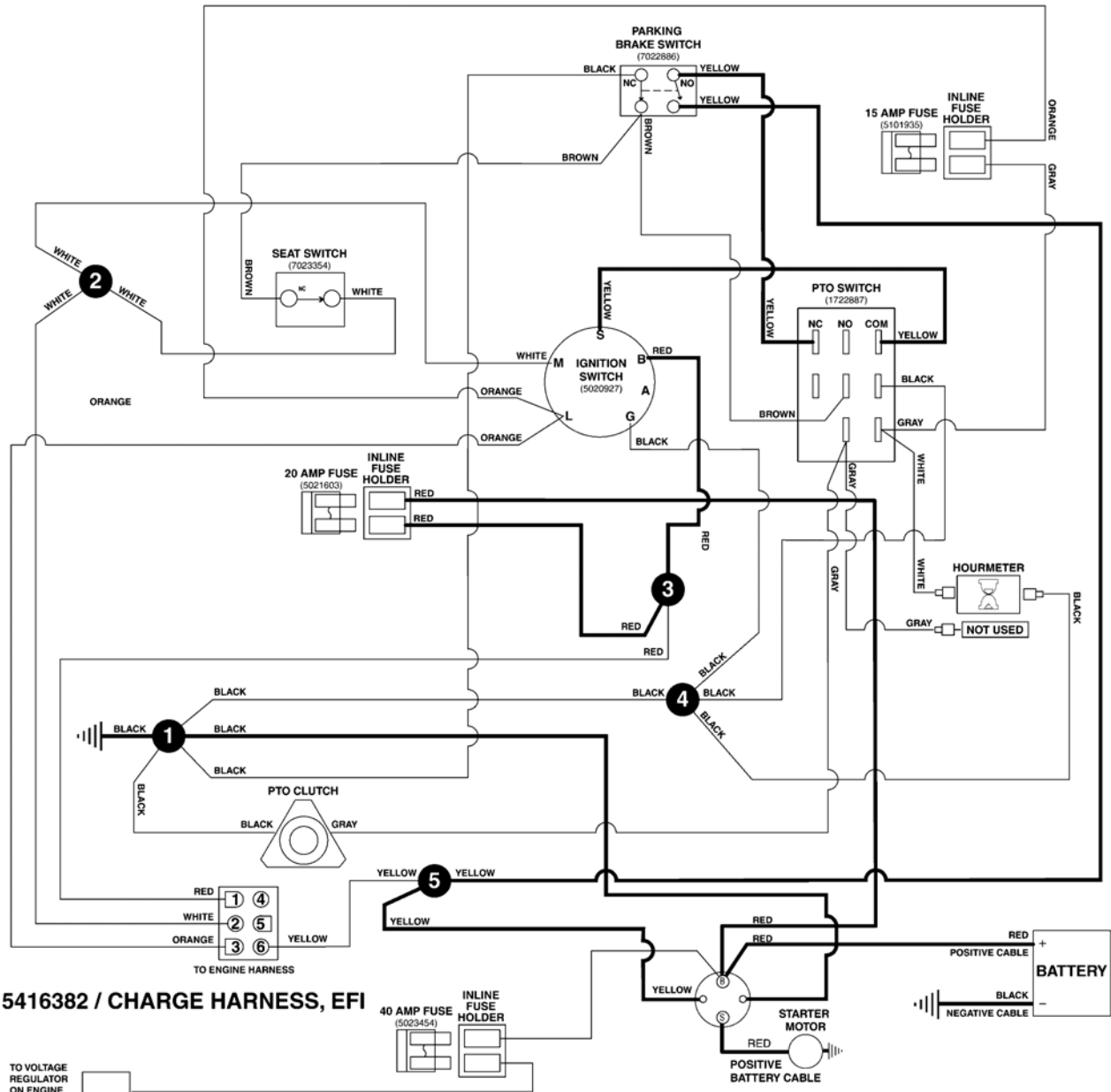
5901505 - IS

Electrical Schematic - Cranking Circuit - Kawasaki Fuel Injected S/N: 2017549126 & Above

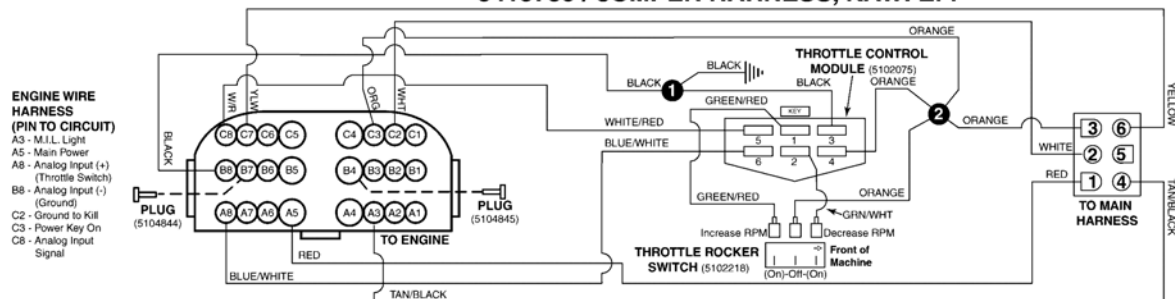
5416016 (5415589) MAIN WIRE HARNESS - KAWASAKI FS730V EFI ENGINES

5416016E

(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.)



5415759 / JUMPER HARNESS, KAWI EFI



The above parts group applies to the following Mfg. Nos.:

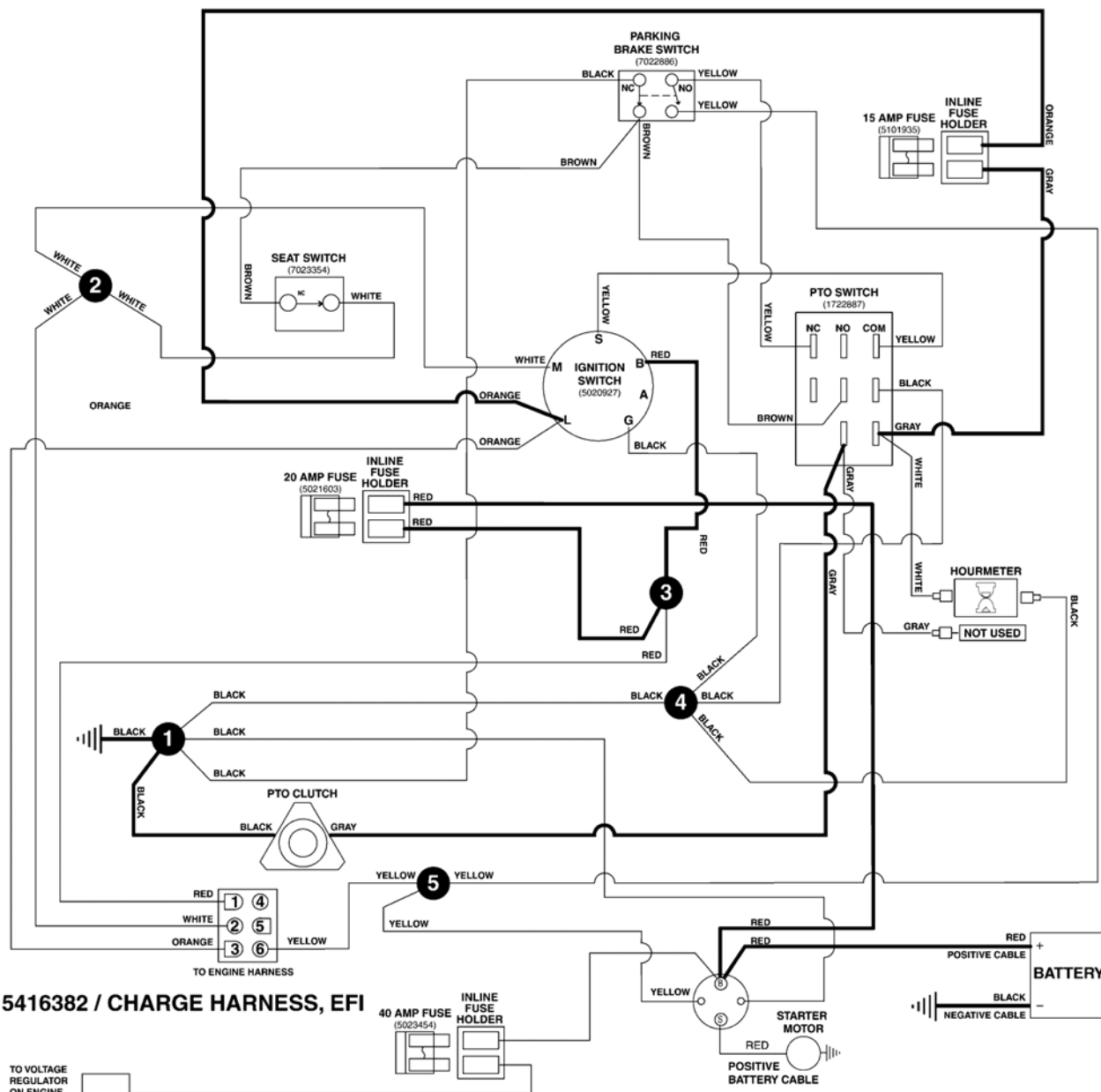
5901505 - IS

Electrical Schematic - PTO Clutch Circuit - Kawasaki Fuel Injected S/N: 2017549126 &

Above 5416016 (5415589) MAIN WIRE HARNESS - KAWASAKI FS730V EFI ENGINES

5416016E

(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.)



ENGINE WIRE HARNESS (PIN TO CIRCUIT)
 A3 - M.J.L. Light
 A5 - Main Power
 A8 - Analog Input (+) (Throttle Switch)
 B8 - Analog Input (-) (Ground)
 C2 - Ground to Kill
 C3 - Power Key On
 C8 - Analog Input Signal

The above parts group applies to the following Mfg. Nos.:

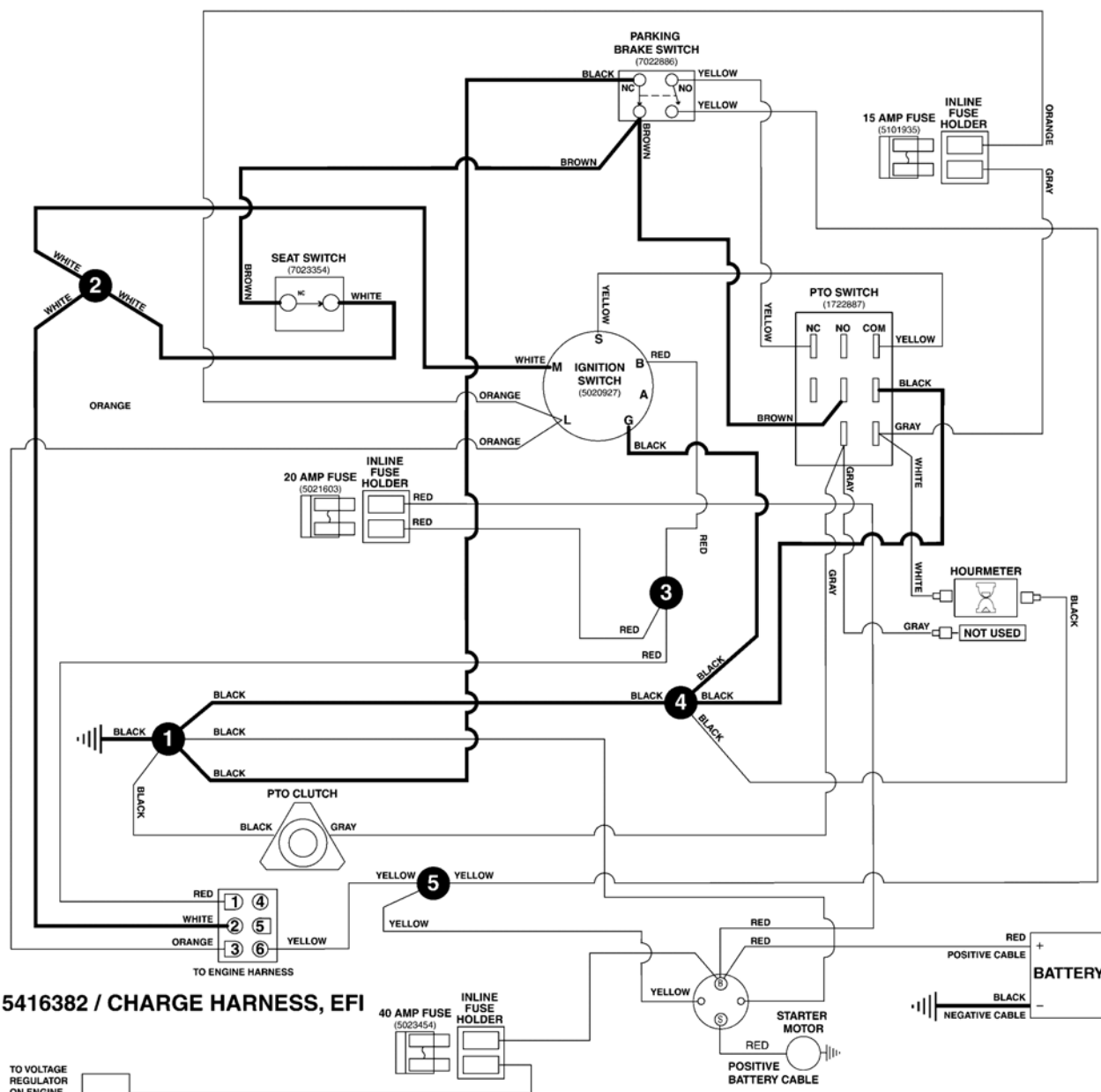
5901505 - IS

Electrical Schematic - Ign. Grounding Circuit/Op. Pres. - Kawasaki Fuel Injected S/N:

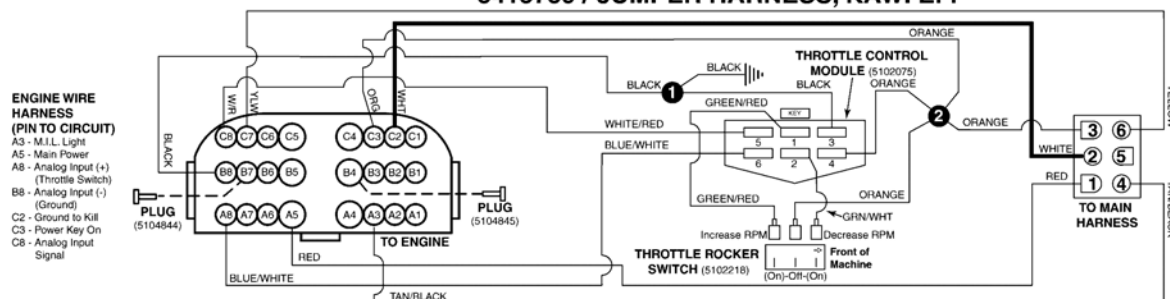
2017-54190126 & Above MAIN WIRE HARNESS - KAWASAKI FS730V EFI ENGINES

5416016E

(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.)



5415759 / JUMPER HARNESS, KAWI EFI



The above parts group applies to the following Mfg. Nos.:

5901505 - IS

Notes

[illegible]

Notes

[illegible]

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher



Hex Nut

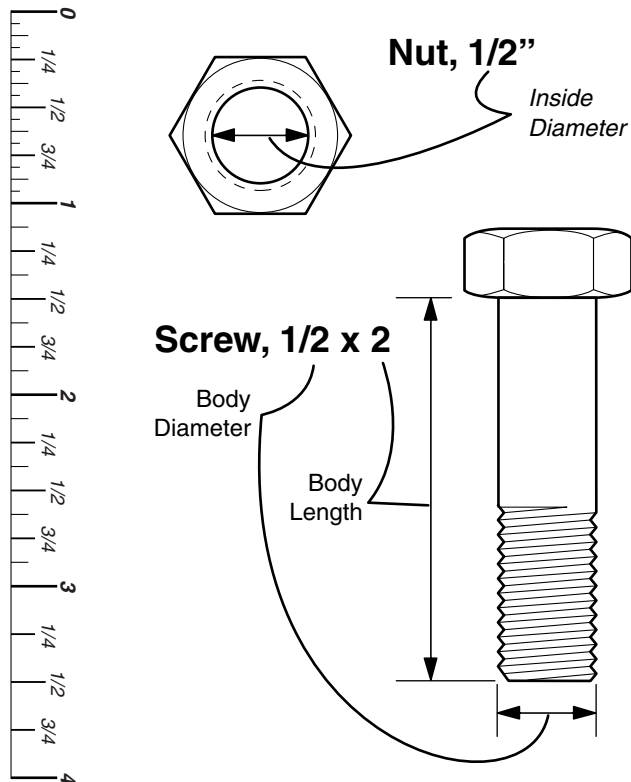


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

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



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	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	27	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

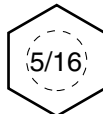
NOTES

- 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.

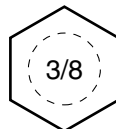
Wrench & Fastener Size Guide



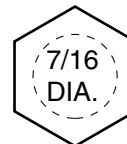
1/4" Bolt or Nut
Wrench—7/16"



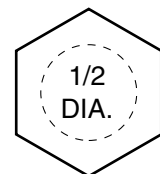
5/16" Bolt or Nut
Wrench—1/2"



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"

Parts Manual IS700Z Series

Zero-Turn Riding Mower

IT IS THE POLICY OF BRIGGS STRATTON TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED

Briggs and Stratton Power Products Group, LLC.

5375 North Main Street
Munnsville, NY 13409 USA
800-933-6175

www.ferrisindustries.com

© Copyright 2017 Briggs and Stratton Corporation
All Rights Reserved. Printed In USA.